

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053146.D
 Acq On : 27 Feb 2023 09:38
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 01:52:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	28643	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13726	1.136	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9218	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	3605	0.496	ug/l	100
3) Chloromethane	1.521	50	4258	0.568	ug/l	97
4) Vinyl Chloride	1.605	62	3741	0.469	ug/l	98
5) Bromomethane	1.859	94	2399	0.528	ug/l	94
6) Chloroethane	1.936	64	2320	0.479	ug/l	95
7) Trichlorofluoromethane	2.138	101	6128	0.534	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	3795	0.529	ug/l	92
9) 1,1-Dichloroethene	2.585	96	3215	0.516	ug/l	90
10) Iodomethane	2.720	142	2896	0.452	ug/l	94
11) Allyl Chloride	2.923	41	5293	0.544	ug/l	95
12) Acrylonitrile	3.321	53	1595	0.997	ug/l #	90
13) Acetone	2.637	43	7878	3.452	ug/l	93
14) Carbon Disulfide	2.794	76	7645	0.534	ug/l	99
15) Methylene Chloride	3.042	84	5627	0.631	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	3618	0.528	ug/l	93
17) 1,1-Dichloroethane	3.871	63	7574	0.505	ug/l	96
18) 2-Butanone	4.720	43	8538	3.116	ug/l	87
19) Cyclohexane	5.382	56	5985m	0.500	ug/l	
20) Methylcyclohexane	6.759	83	5918	0.515	ug/l	97
21) 2,2-Dichloropropane	4.662	77	6555	0.499	ug/l	96
22) cis-1,2-Dichloroethene	4.665	96	4487	0.530	ug/l	100
23) Diethyl Ether	2.379	59	2650	0.519	ug/l #	80
24) tert-Butyl Alcohol	3.222	59	3358m	5.603	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	9032	0.498	ug/l #	89
26) Bromochloromethane	4.968	128	1743	0.533	ug/l	80
27) Chloroform	5.087	83	8120	0.526	ug/l	91
28) 1,1,1-Trichloroethane	5.312	97	6574	0.507	ug/l	97
29) 1,1-Dichloropropene	5.524	75	4964	0.510	ug/l	95
30) Carbon Tetrachloride	5.518	117	4074	0.456	ug/l #	89
31) Isopropyl Ether	3.993	45	12629	0.528	ug/l	98
32) Ethyl-t-butyl ether	4.508	59	11452	0.505	ug/l	94
33) Tert-Amyl methyl ether	5.945	73	8682	0.483	ug/l	99
34) Propionitrile	4.794	54	1868m	2.931	ug/l	
35) Benzene	5.772	78	13864	0.483	ug/l	95
36) 1,2-Dichloroethane	5.794	62	4464	0.520	ug/l #	87
37) Trichloroethene	6.540	130	3191	0.485	ug/l	95
38) 1,2-Dichloropropane	6.788	63	4109	0.495	ug/l	99
39) Methacrylonitrile	4.977	41	1693m	0.621	ug/l	
40) Methyl acrylate	4.846	55	2153	0.512	ug/l #	71
41) Tetrahydrofuran	5.074	42	1562	1.172	ug/l #	75
42) 1-Chlorobutane	5.453	56	6747	0.498	ug/l	78
43) Dibromomethane	6.923	93	1801	0.490	ug/l	98
44) Bromodichloromethane	7.106	83	4705	0.468	ug/l	96

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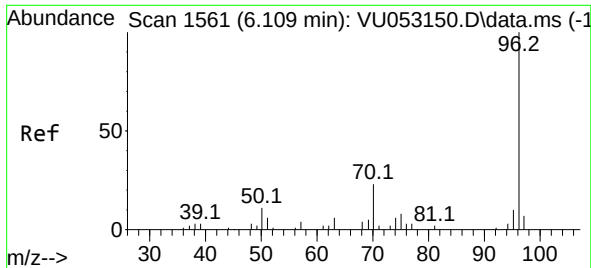
Manual Integrations
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 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:52:54 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	11896	2.648	ug/l	95
46) t-1,4-Dichloro-2-butene	10.829	75	2125m	0.939	ug/l	
47) Methyl methacrylate	6.964	69	3706	0.979	ug/l	95
48) Ethyl methacrylate	8.341	69	3741	0.481	ug/l	97
49) Toluene	7.968	92	8419	0.476	ug/l	99
50) t-1,3-Dichloropropene	8.212	75	4701	0.481	ug/l	95
51) cis-1,3-Dichloropropene	7.611	75	5648	0.477	ug/l	96
52) 1,1,2-Trichloroethane	8.398	97	2726	0.504	ug/l	93
53) 1,3-Dichloropropane	8.575	76	4658	0.481	ug/l	99
54) 2-Hexanone	8.688	43	11663	3.047	ug/l	95
55) Dibromochloromethane	8.807	129	3219	0.522	ug/l	94
56) 1,2-Dibromoethane	8.926	107	2262	0.471	ug/l	96
58) Tetrachloroethene	8.550	164	2708	0.516	ug/l	90
59) Chlorobenzene	9.443	112	9777	0.495	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.533	131	3100	0.475	ug/l	99
61) Pentachloroethane	11.424	117	2801	0.494	ug/l	93
62) Hexachloroethane	12.472	117	2949	0.472	ug/l	91
63) Ethyl Benzene	9.569	91	17626	0.483	ug/l	93
64) m/p-Xylenes	9.691	106	12634	0.955	ug/l	94
65) o-Xylene	10.099	106	6640	0.491	ug/l	91
66) Styrene	10.115	104	9842	0.460	ug/l	99
67) Bromoform	10.289	173	1407	0.469	ug/l #	94
69) Isopropylbenzene	10.482	105	17174	0.475	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.781	83	3429	0.471	ug/l	97
71) 1,2,3-Trichloropropane	10.826	75	3319m	0.546	ug/l	
72) Bromobenzene	10.781	156	3261	0.464	ug/l	90
73) n-propylbenzene	10.900	120	4478	0.466	ug/l	99
74) 2-Chlorotoluene	10.984	126	4021	0.506	ug/l	93
75) 1,3,5-Trimethylbenzene	11.083	105	13901	0.462	ug/l	94
76) 4-Chlorotoluene	11.096	126	4169	0.499	ug/l	82
77) tert-Butylbenzene	11.418	119	14209	0.482	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	14591	0.475	ug/l	97
79) sec-Butylbenzene	11.639	105	18934	0.462	ug/l	98
80) Nitrobenzene	13.221	77	1159m	3.045	ug/l	
81) p-Isopropyltoluene	11.791	119	15064	0.464	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	7144	0.463	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	7379	0.469	ug/l	97
84) n-Butylbenzene	12.205	91	15086	0.449	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	7006	0.477	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.993	75	384	0.665	ug/l #	71
87) 1,2,4-Trichlorobenzene	13.842	180	4104	0.455	ug/l	99
88) Hexachlorobutadiene	14.019	225	1900	0.431	ug/l	96
89) Naphthalene	14.090	128	9348	0.485	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	3499	0.441	ug/l	99

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



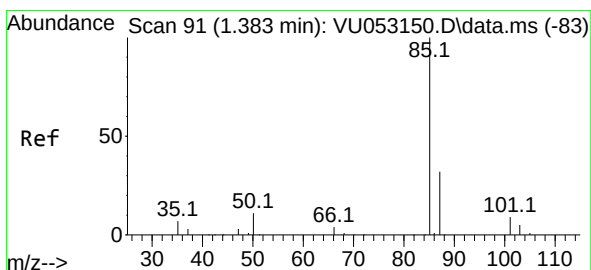
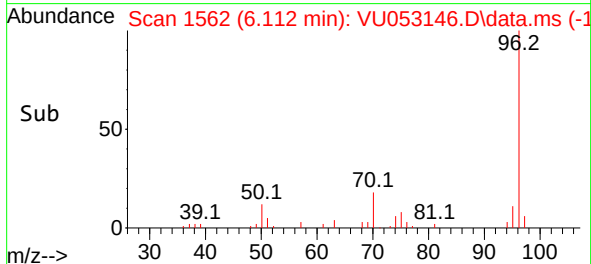
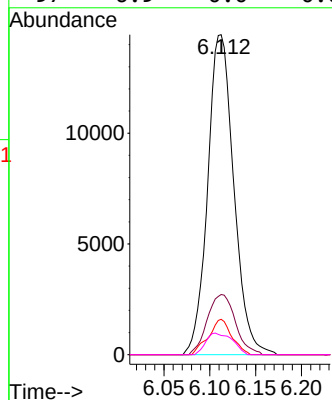
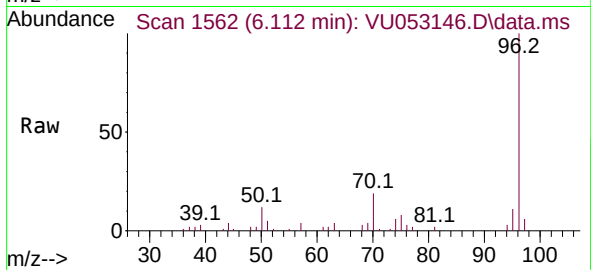
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96	Resp: 2864
Ion Ratio	Lower Upper
96 100	
70 20.2	15.5 23.3
95 9.8	7.0 10.6
97 6.9	0.0 0.0

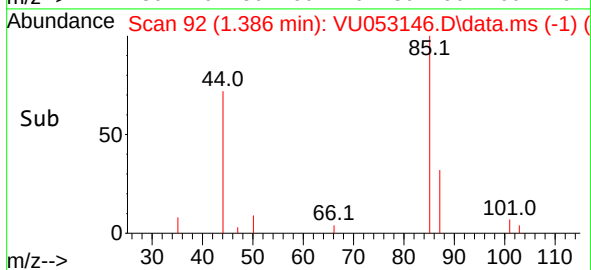
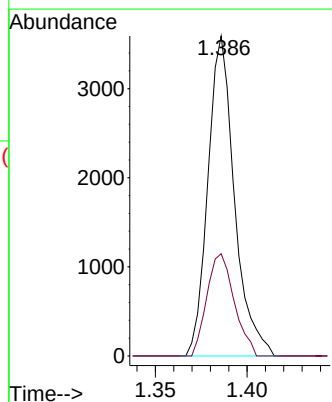
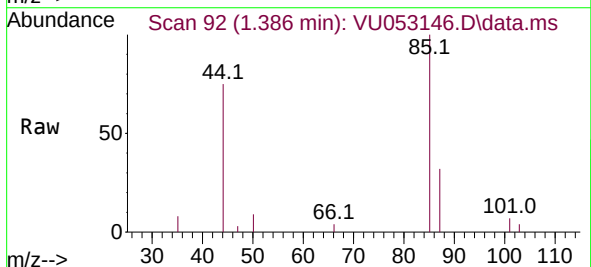
Manual Integrations
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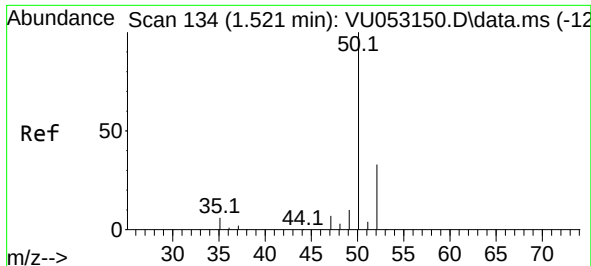
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 0.496 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion: 85	Resp: 3605
Ion Ratio	Lower Upper
85 100	
87 32.0	16.1 48.2





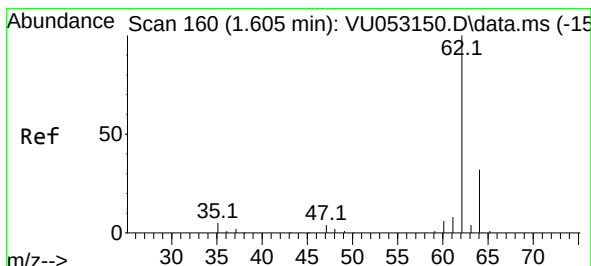
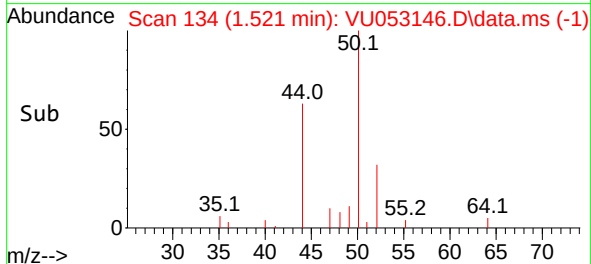
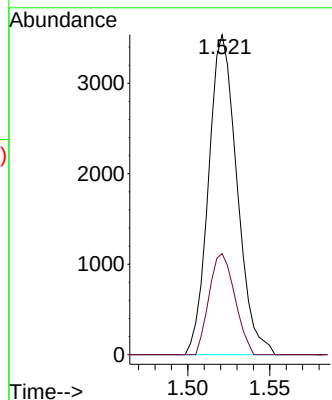
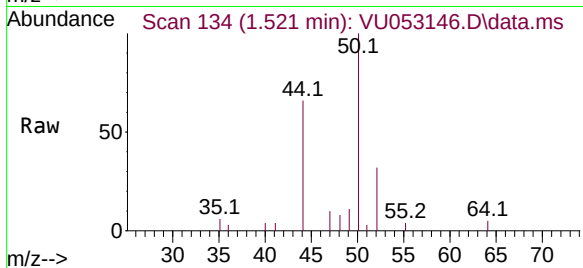
#3
Chloromethane
Concen: 0.568 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 4258
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

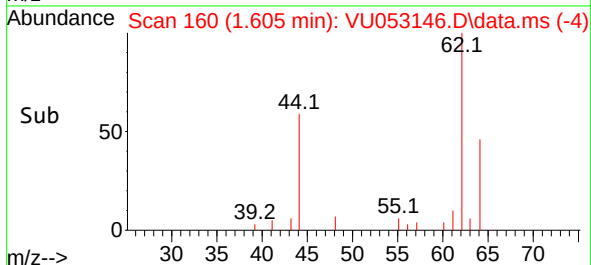
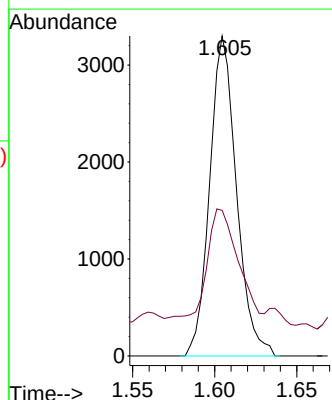
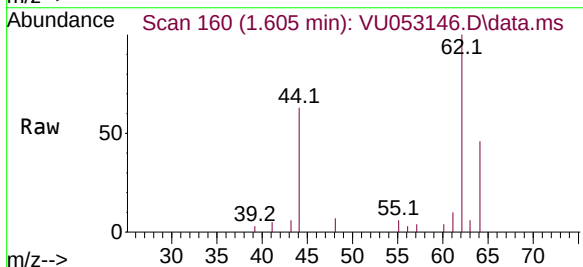
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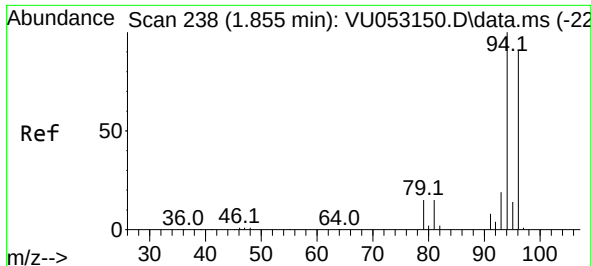
Reviewed By :Krupa Patel 02/28/2023
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#4
Vinyl Chloride
Concen: 0.469 ug/l
RT: 1.605 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

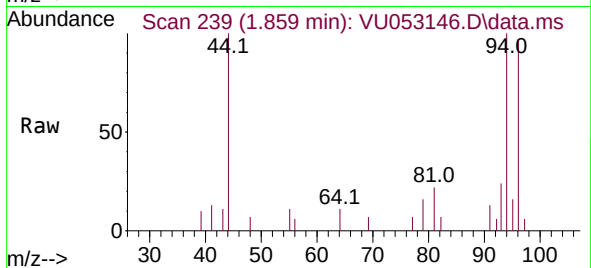
Tgt Ion: 62 Resp: 3741
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6





#5
Bromomethane
Concen: 0.528 ug/l
RT: 1.859 min Scan# 239
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

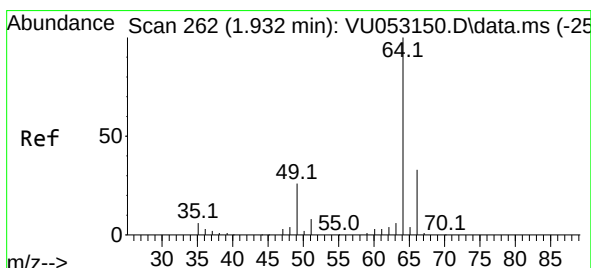
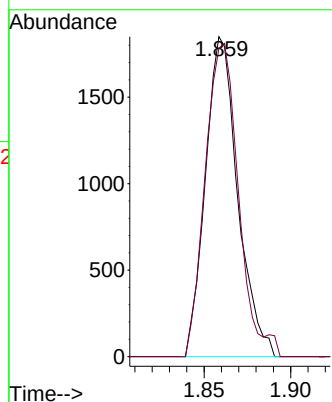
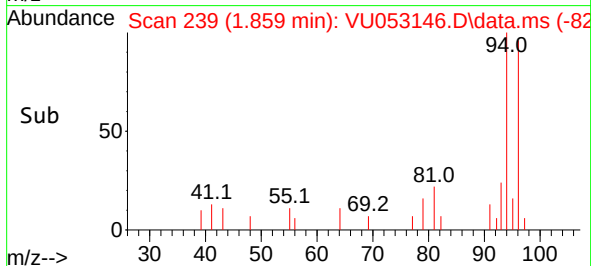
Instrument :
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ClientSampleId :
VSTDICC0.5



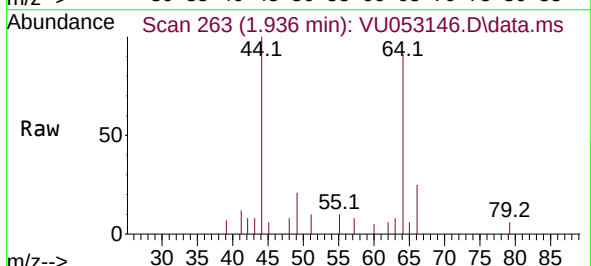
Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 96.4 72.6 108.8

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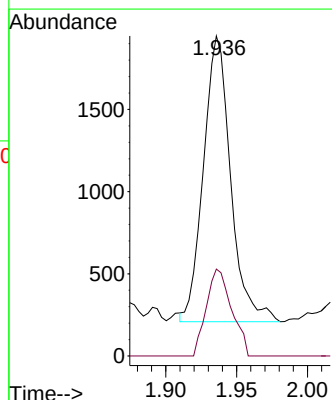
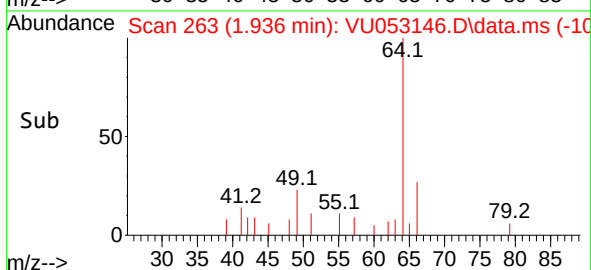
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

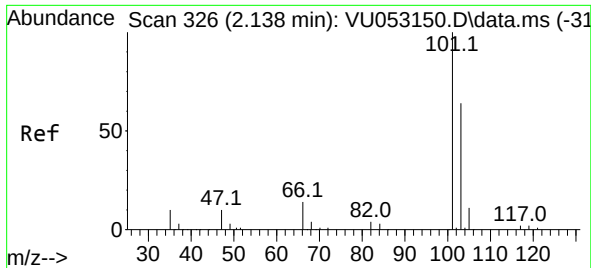


#6
Chloroethane
Concen: 0.479 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



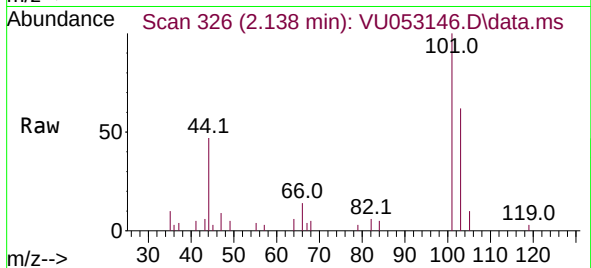
Tgt Ion: 64 Resp: 2320
Ion Ratio Lower Upper
64 100
66 30.4 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 0.534 ug/l
 RT: 2.138 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

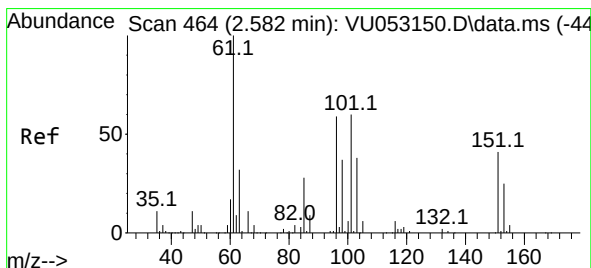
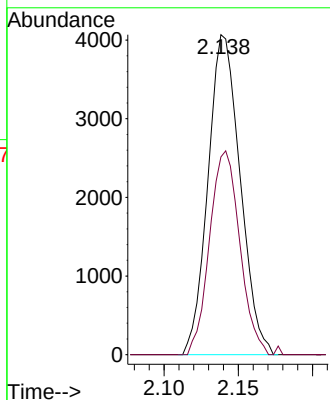
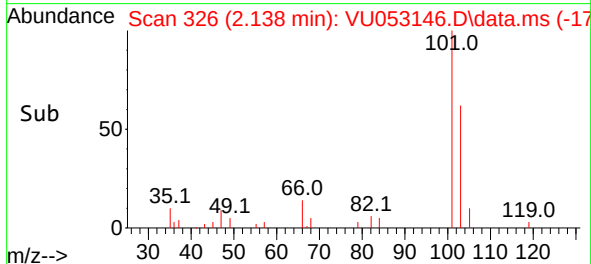
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



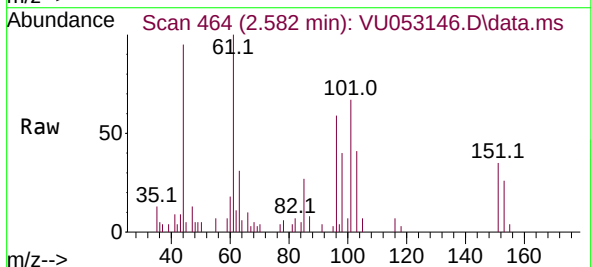
Tgt Ion:101 Resp: 6128
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.2 76.8

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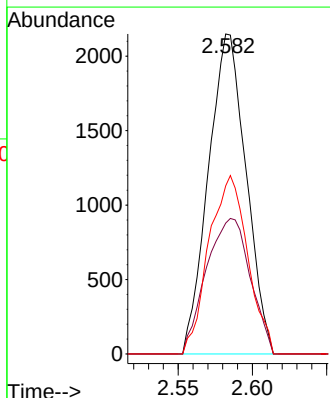
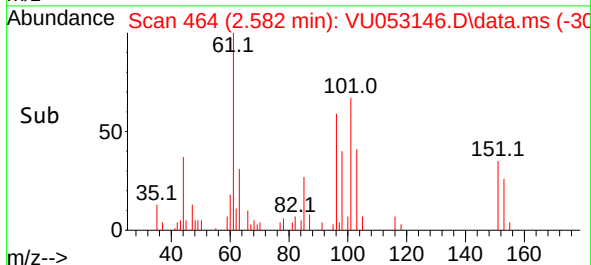
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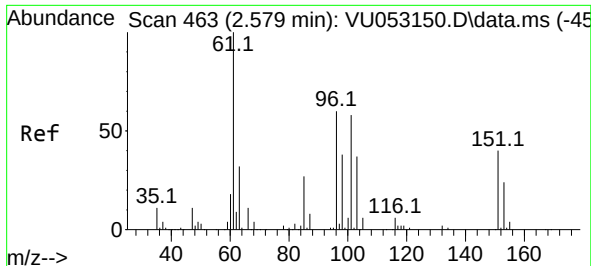


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.529 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. 0.000 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38



Tgt Ion:101 Resp: 3795
 Ion Ratio Lower Upper
 101 100
 85 49.4 37.3 55.9
 151 57.4 52.4 78.6





#9

1,1-Dichloroethene

Concen: 0.516 ug/l

RT: 2.585 min Scan# 465

Delta R.T. 0.006 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

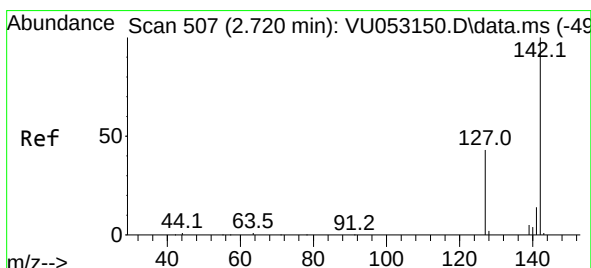
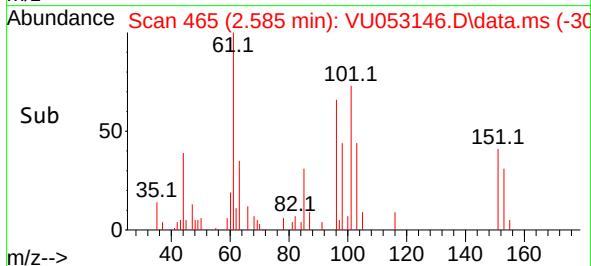
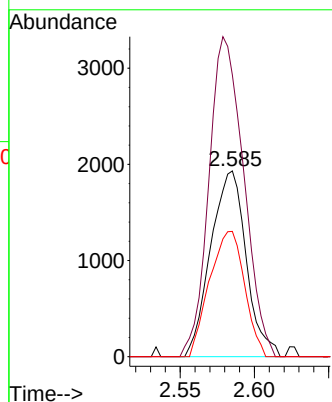
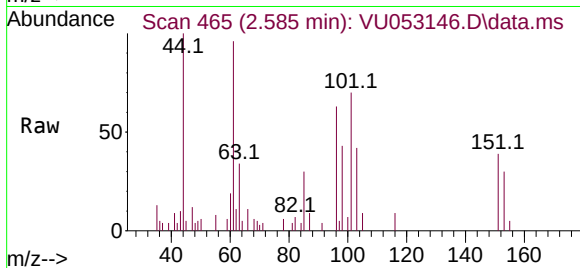
Tgt Ion: 96	Resp: 321
Ion Ratio	Lower Upper
96	100
61	151.7 0.0 502.5
98	67.4 0.0 126.2

Manual Integrations

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Supervised By :Mahesh Dadoda 02/28/2023



#10

Iodomethane

Concen: 0.452 ug/l

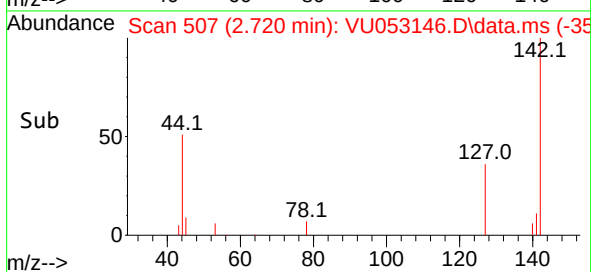
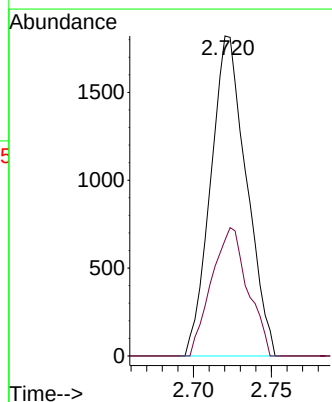
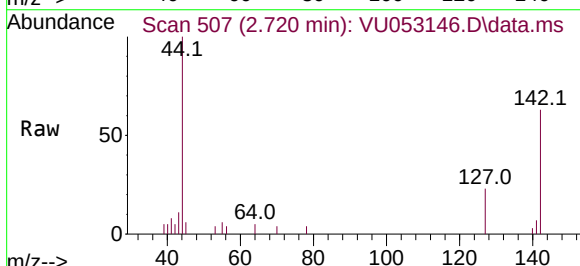
RT: 2.720 min Scan# 507

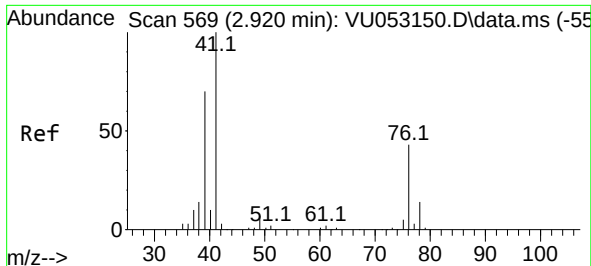
Delta R.T. -0.000 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Tgt Ion:142	Resp: 2896
Ion Ratio	Lower Upper
142	100
127	40.7 35.8 53.8





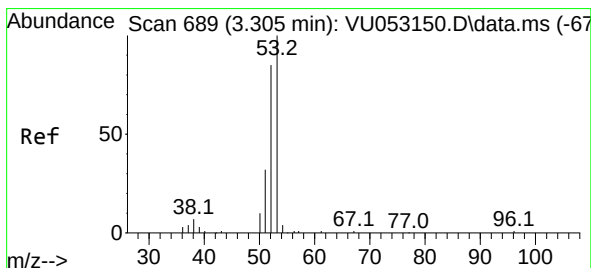
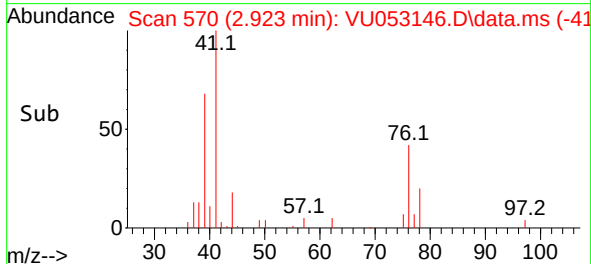
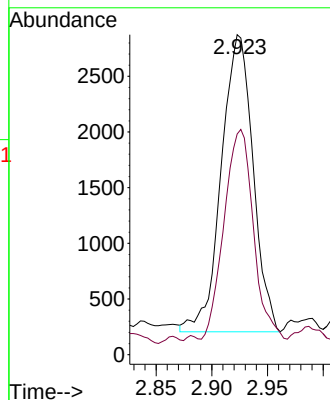
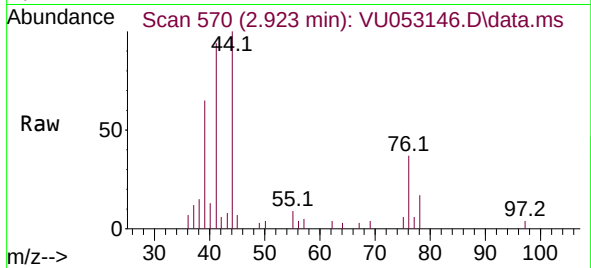
#11
 Allyl Chloride
 Concen: 0.544 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Tgt Ion: 41 Resp: 529
 Ion Ratio Lower Upper
 41 100
 39 65.1 55.3 82.9

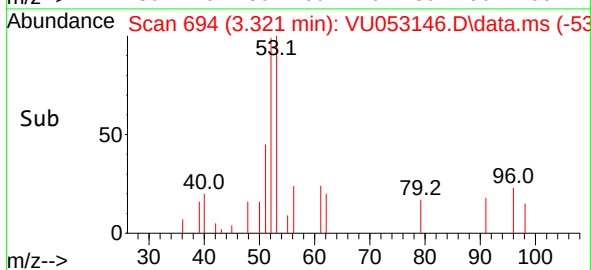
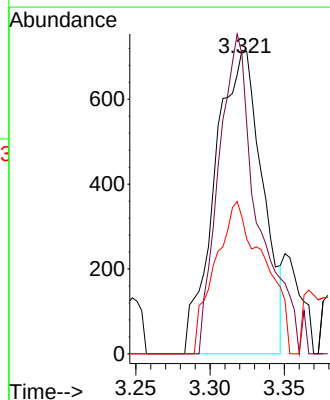
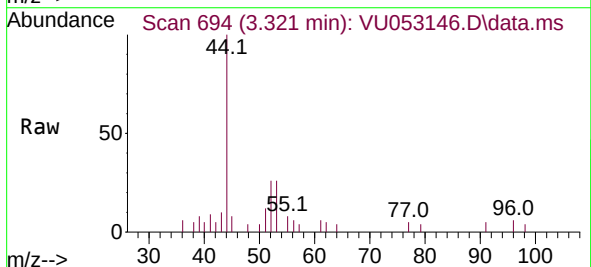
Manual Integrations
 APPROVED

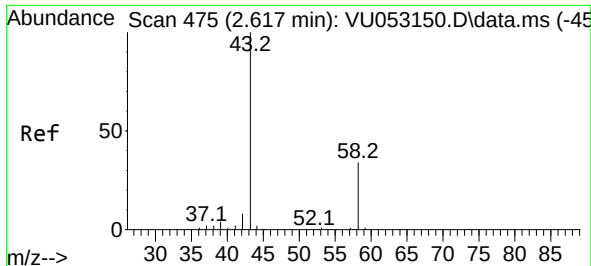
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#12
 Acrylonitrile
 Concen: 0.997 ug/l
 RT: 3.321 min Scan# 694
 Delta R.T. 0.016 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

Tgt Ion: 53 Resp: 1595
 Ion Ratio Lower Upper
 53 100
 52 87.8 65.9 98.9
 51 52.0 31.8 47.8#





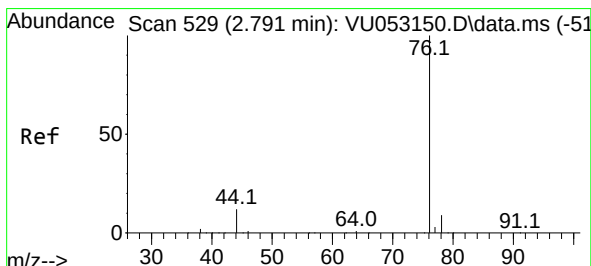
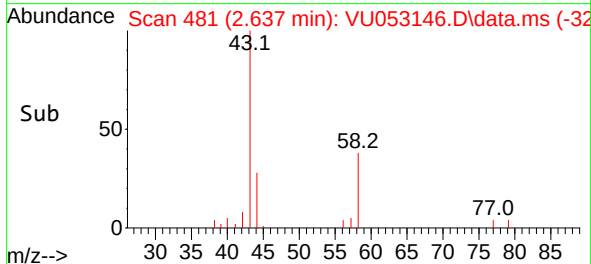
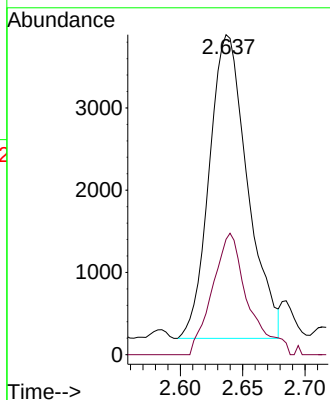
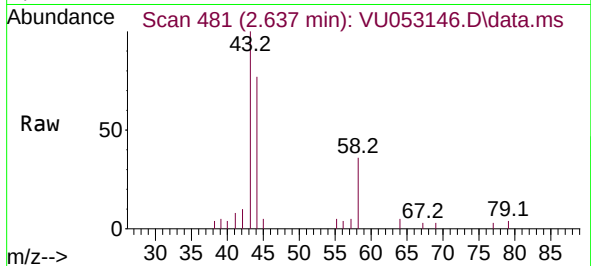
#13
Acetone
Concen: 3.452 ug/l
RT: 2.637 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 7878
Ion Ratio Lower Upper
43 100
58 38.0 27.2 40.8

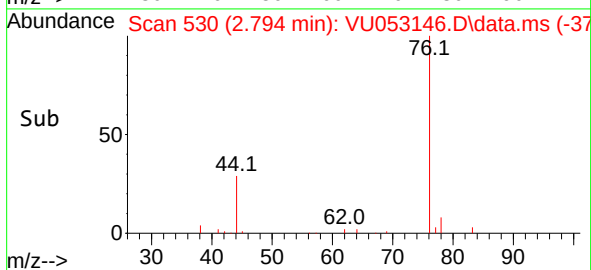
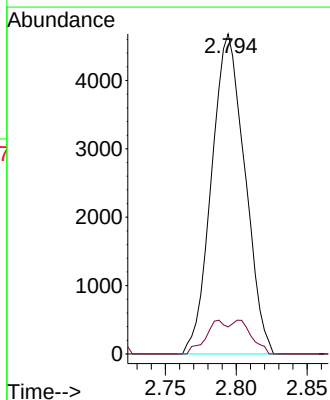
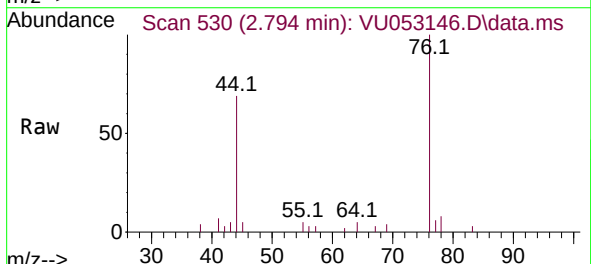
Manual Integrations
APPROVED

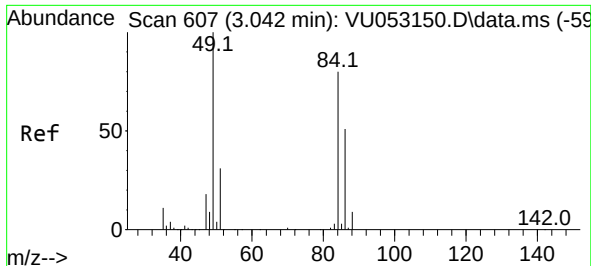
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Carbon Disulfide
Concen: 0.534 ug/l
RT: 2.794 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

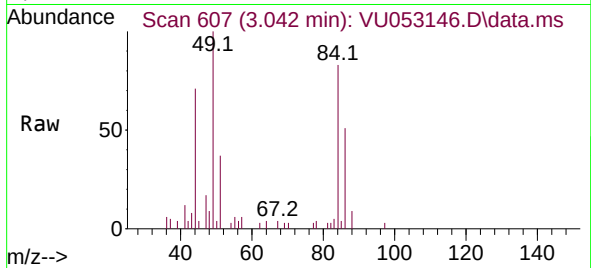
Tgt Ion: 76 Resp: 7645
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#15
Methylene Chloride
Concen: 0.631 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

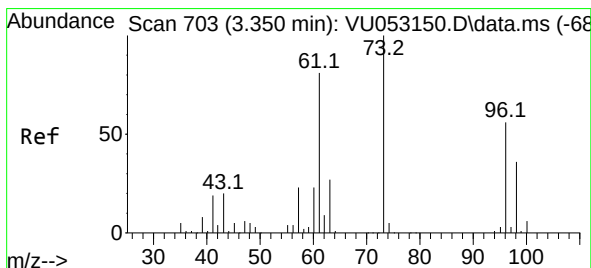
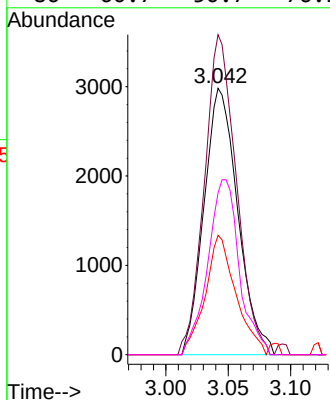
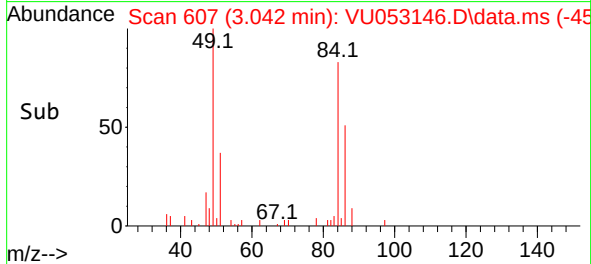
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



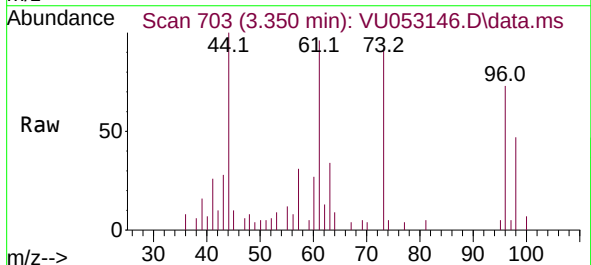
Tgt Ion: 84 Resp: 562
Ion Ratio Lower Upper
84 100
49 120.1 99.5 149.3
51 44.8 0.0 76.8
86 60.7 50.7 76.1

Manual Integrations
APPROVED

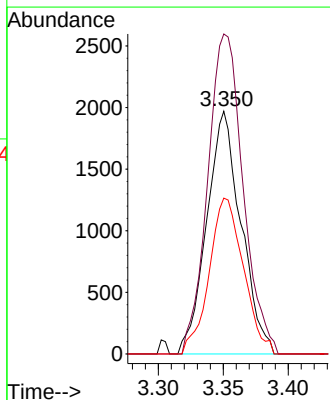
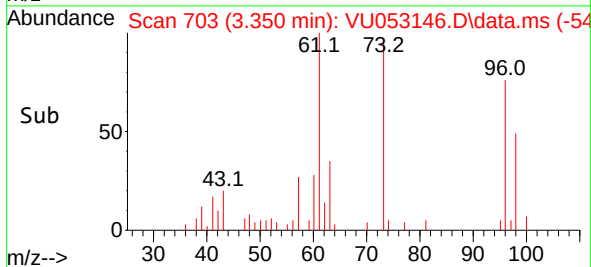
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

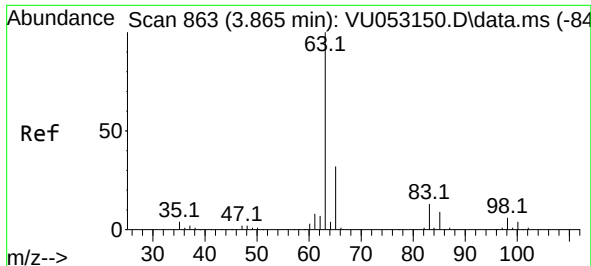


#16
trans-1,2-Dichloroethene
Concen: 0.528 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



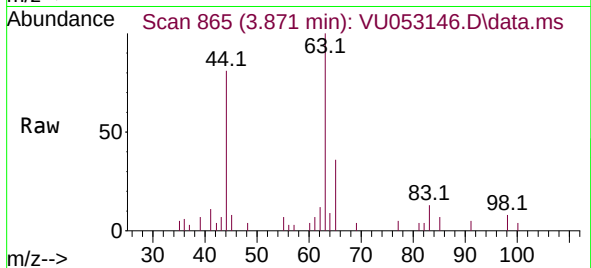
Tgt Ion: 96 Resp: 3618
Ion Ratio Lower Upper
96 100
61 131.9 116.1 174.1
98 64.2 51.4 77.2





#17
1,1-Dichloroethane
Concen: 0.505 ug/l
RT: 3.871 min Scan# 865
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

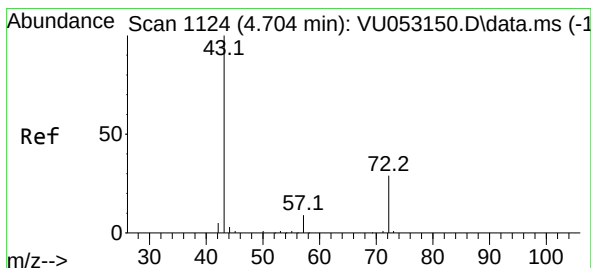
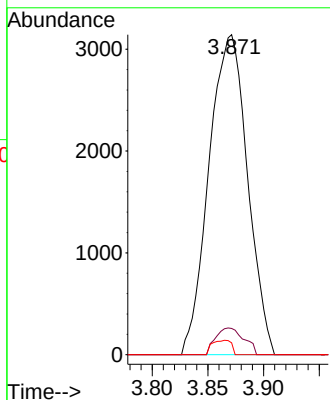
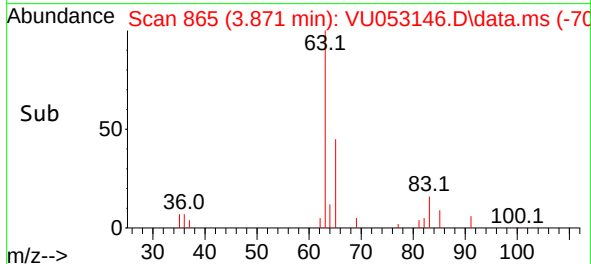
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



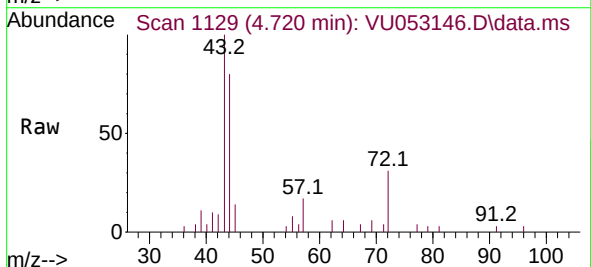
Tgt Ion: 63 Resp: 7574
Ion Ratio Lower Upper
63 100
98 8.2 3.1 9.4
100 3.7 2.1 6.2

Manual Integrations
APPROVED

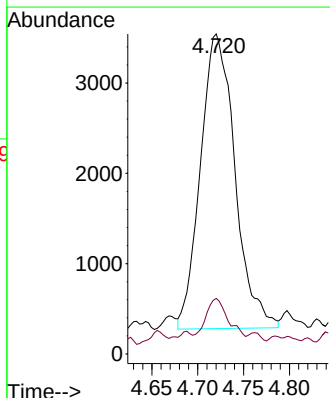
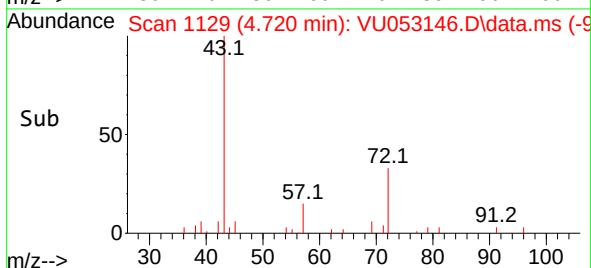
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

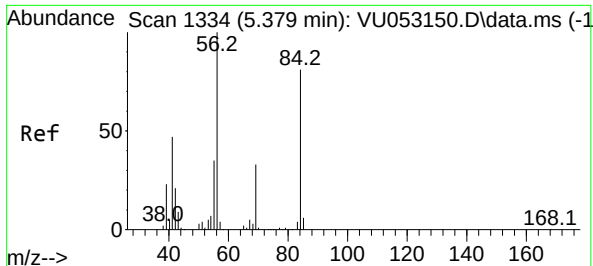


#18
2-Butanone
Concen: 3.116 ug/l
RT: 4.720 min Scan# 1129
Delta R.T. 0.016 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



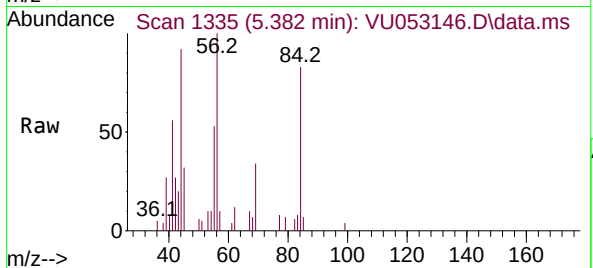
Tgt Ion: 43 Resp: 8538
Ion Ratio Lower Upper
43 100
57 13.5 0.0 17.6





#19
Cyclohexane
Concen: 0.500 ug/l m
RT: 5.382 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

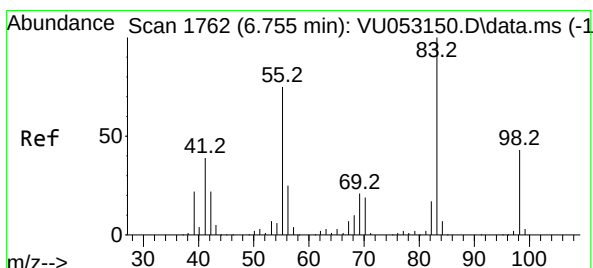
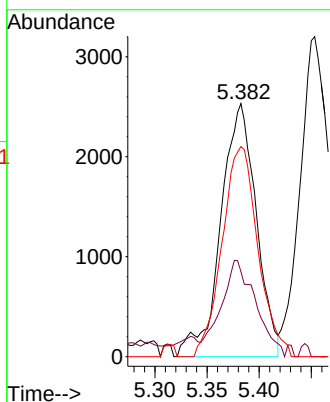
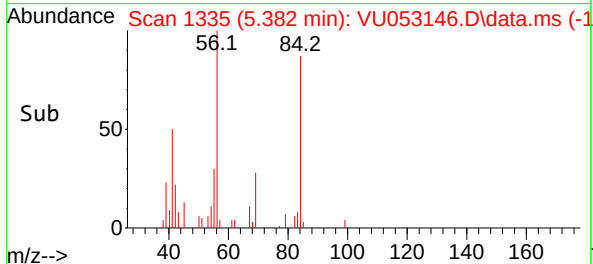
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



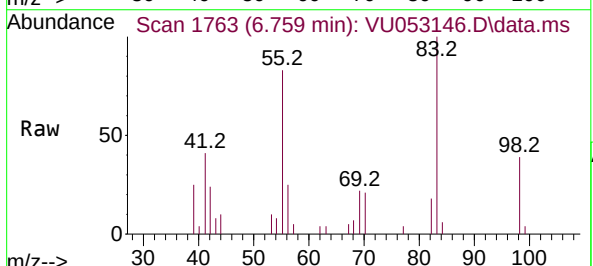
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
69 31.8 26.1 39.1
84 83.9 64.7 97.1

Manual Integrations
APPROVED

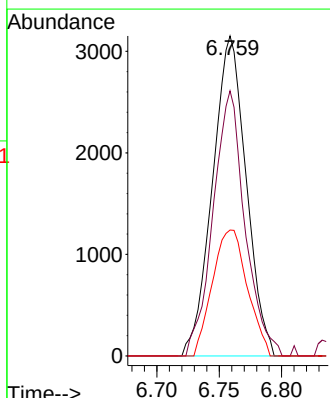
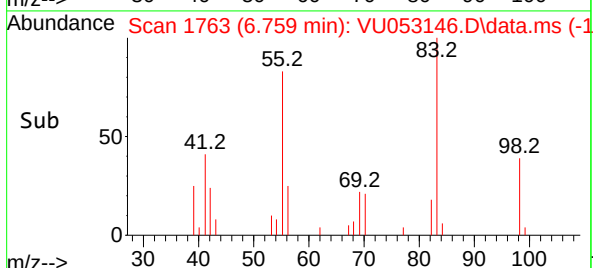
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

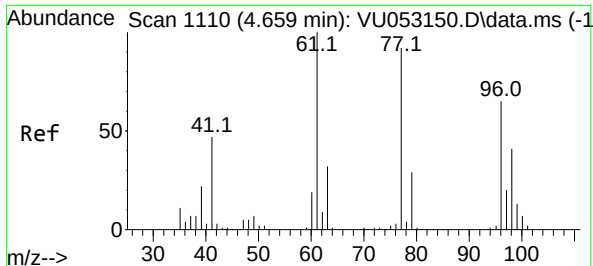


#20
Methylcyclohexane
Concen: 0.515 ug/l
RT: 6.759 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



Tgt Ion: 83 Resp: 5918
Ion Ratio Lower Upper
83 100
55 78.6 60.2 90.2
98 40.9 33.9 50.9





#21

2,2-Dichloropropane

Concen: 0.499 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 77 Resp: 655

Ion Ratio Lower Upper

77 100

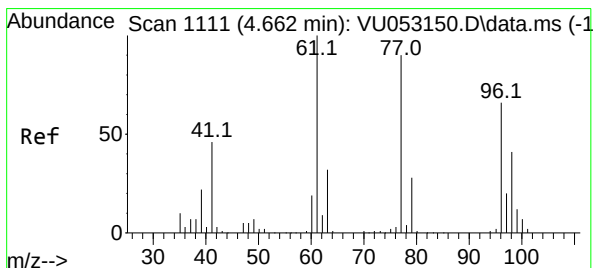
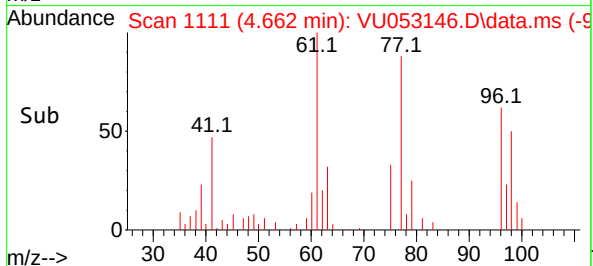
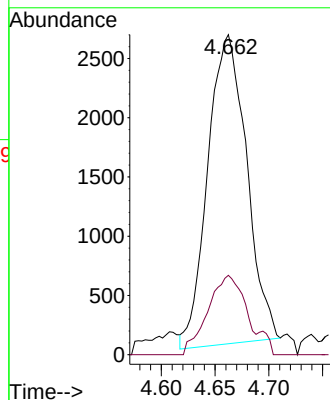
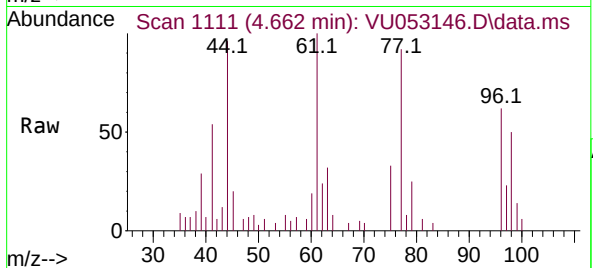
97 24.4 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

cis-1,2-Dichloroethene

Concen: 0.530 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

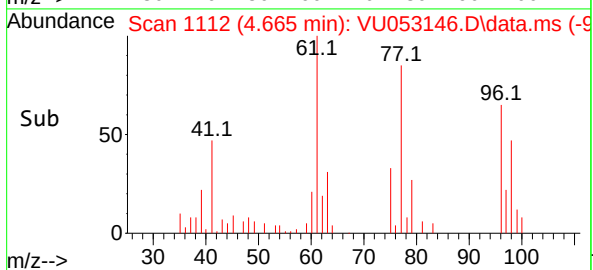
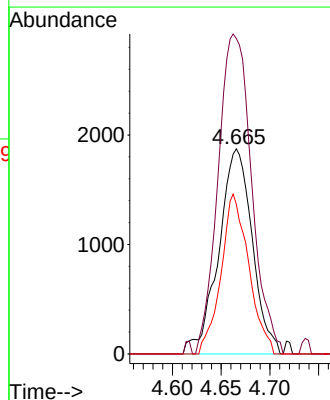
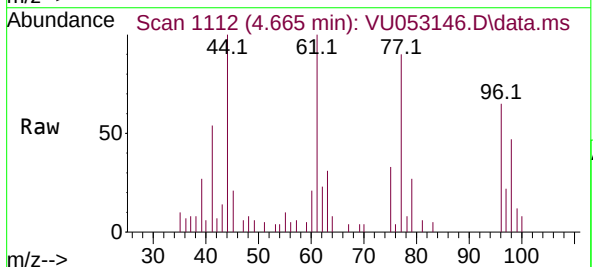
Tgt Ion: 96 Resp: 4487

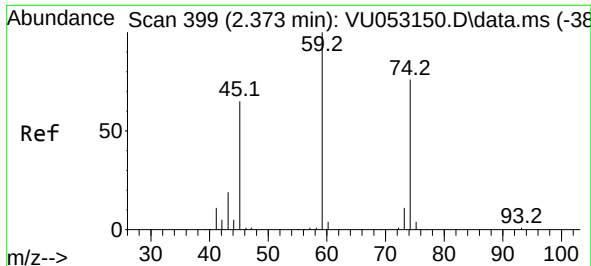
Ion Ratio Lower Upper

96 100

61 156.0 0.0 390.5

98 64.5 31.9 95.9





#23

Diethyl Ether

Concen: 0.519 ug/l

RT: 2.379 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 2650

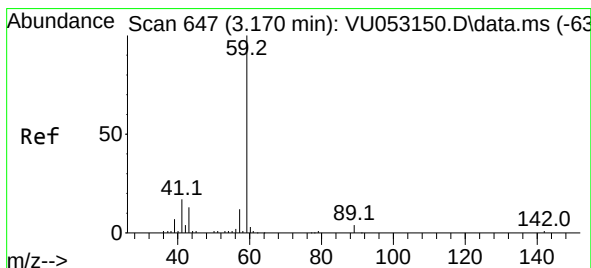
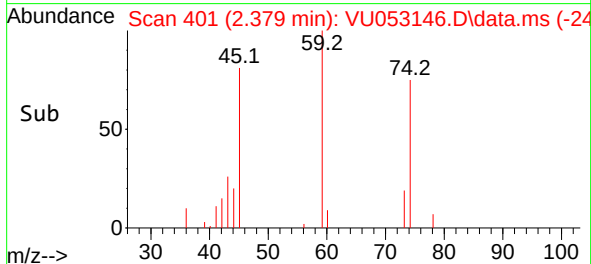
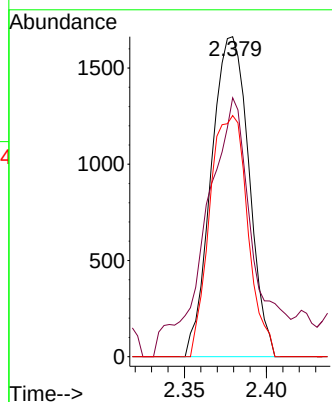
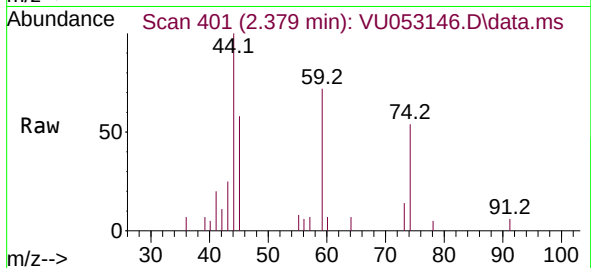
Ion	Ratio	Lower	Upper
59	100		
45	101.3	54.2	81.2
74	76.0	60.4	90.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#24

tert-Butyl Alcohol

Concen: 5.603 ug/l m

RT: 3.222 min Scan# 663

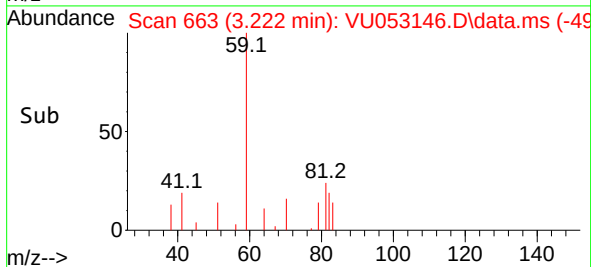
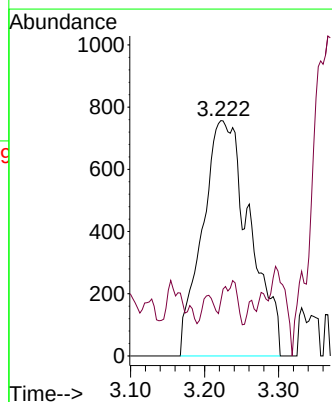
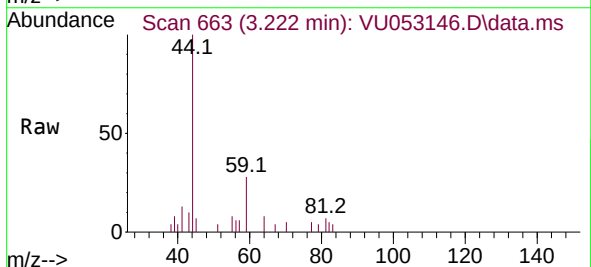
Delta R.T. 0.051 min

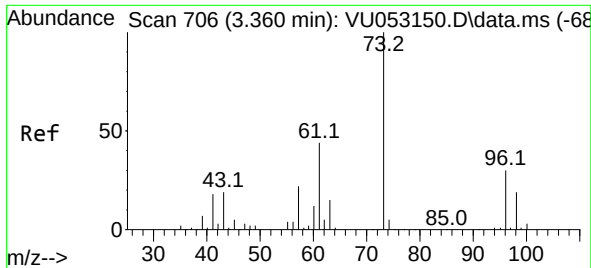
Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Tgt Ion: 59 Resp: 3358

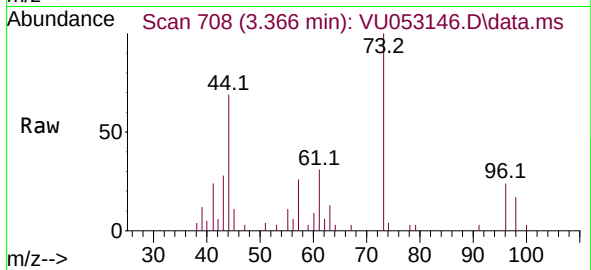
Ion	Ratio	Lower	Upper
59	100		
57	3.0	8.7	13.1





#25
Methyl tert-Butyl Ether
Concen: 0.498 ug/l
RT: 3.366 min Scan# 706
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

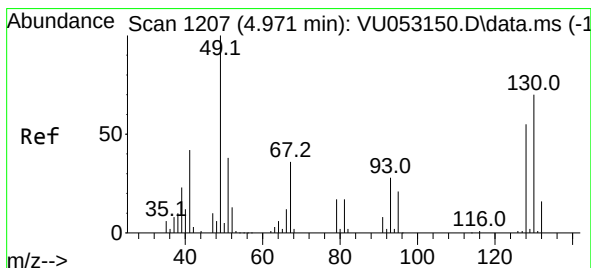
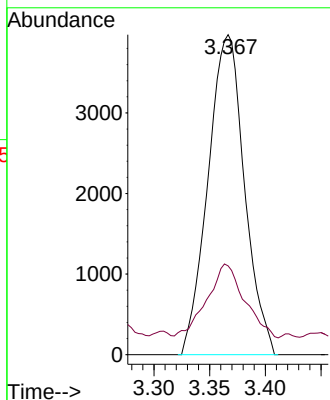
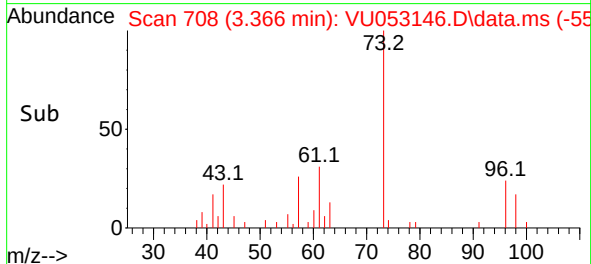
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 73 Resp: 903
Ion Ratio Lower Upper
73 100
43 23.9 15.0 22.6

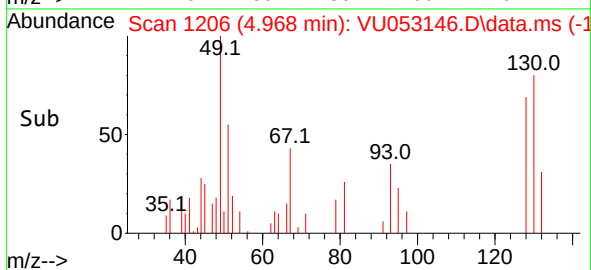
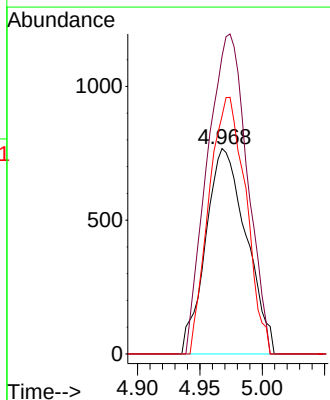
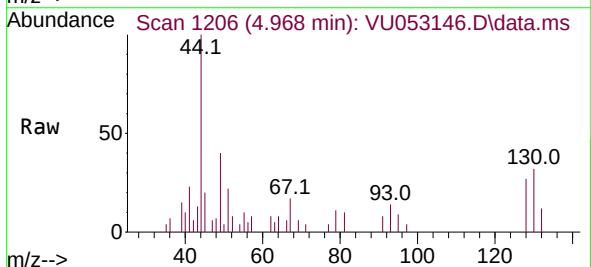
Manual Integrations
APPROVED

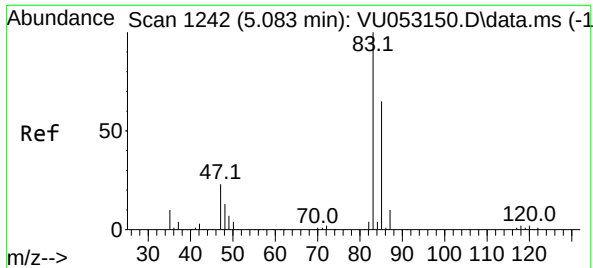
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Bromochloromethane
Concen: 0.533 ug/l
RT: 4.968 min Scan# 1206
Delta R.T. -0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:128 Resp: 1743
Ion Ratio Lower Upper
128 100
49 153.2 0.0 376.8
130 113.4 104.8 157.2





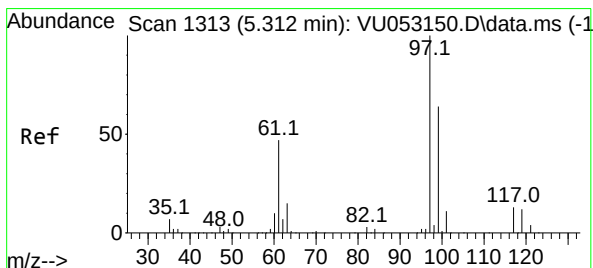
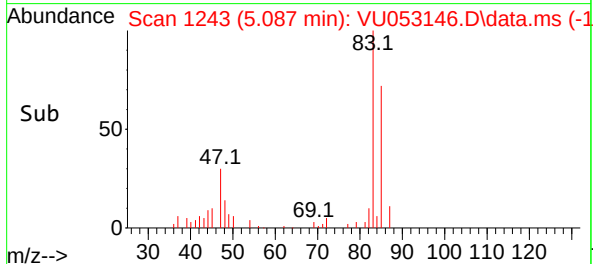
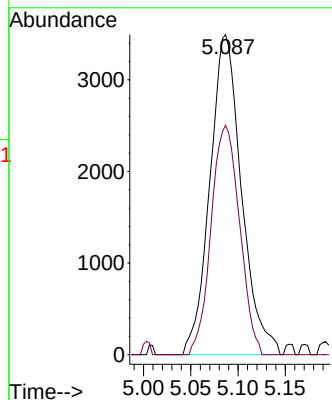
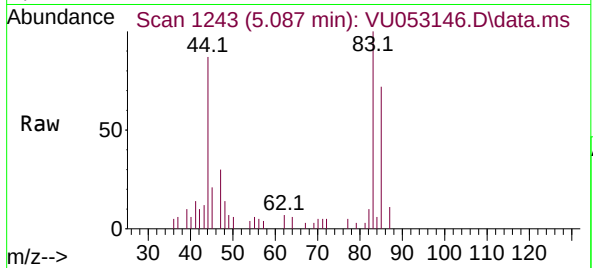
#27
Chloroform
Concen: 0.526 ug/l
RT: 5.087 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 8120
Ion Ratio Lower Upper
83 100
85 71.6 0.0 129.2

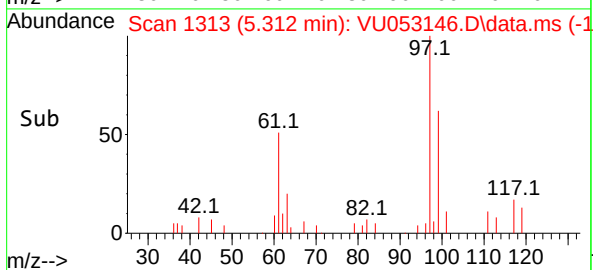
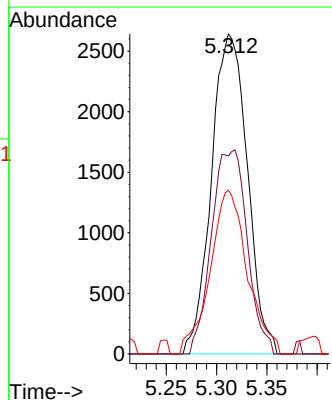
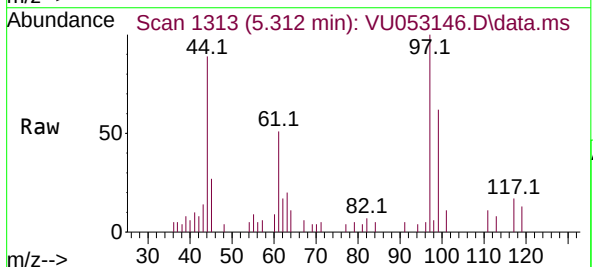
Manual Integrations
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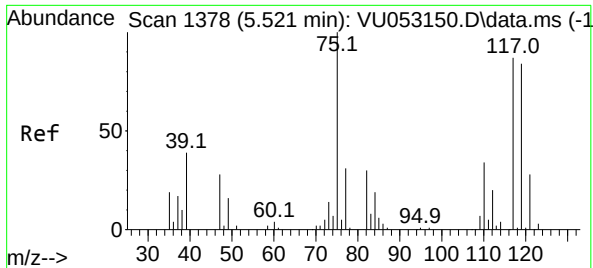
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#28
1,1,1-Trichloroethane
Concen: 0.507 ug/l
RT: 5.312 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion: 97 Resp: 6574
Ion Ratio Lower Upper
97 100
99 63.4 31.6 94.8
61 52.9 23.9 71.7





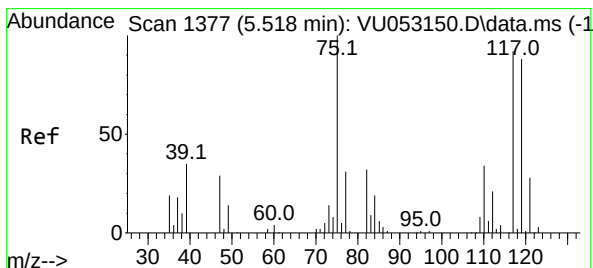
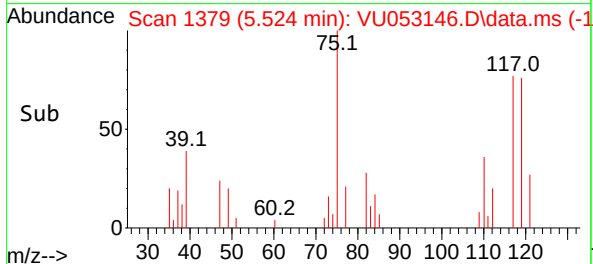
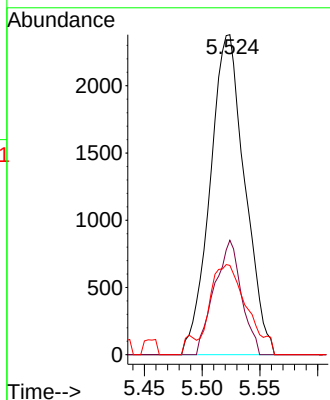
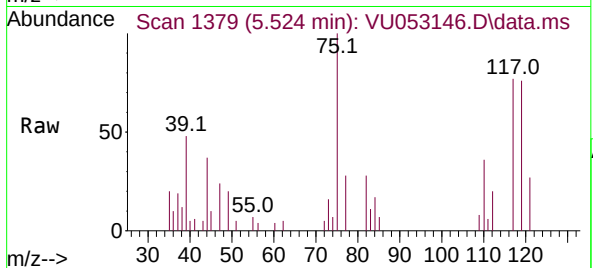
#29
1,1-Dichloropropene
Concen: 0.510 ug/l
RT: 5.524 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 4964
Ion Ratio Lower Upper
75 100
110 27.9 16.3 48.8
77 29.7 24.9 37.3

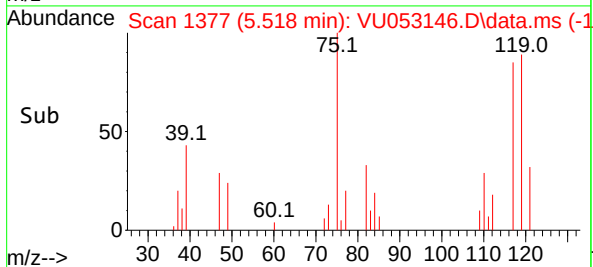
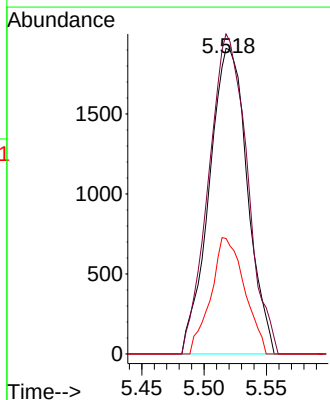
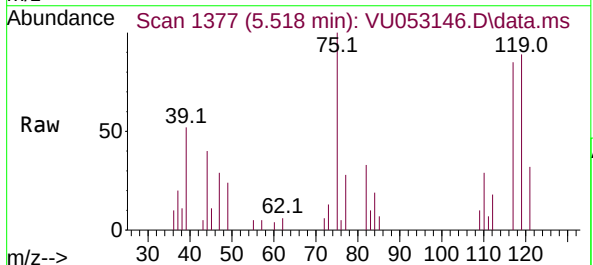
Manual Integrations
APPROVED

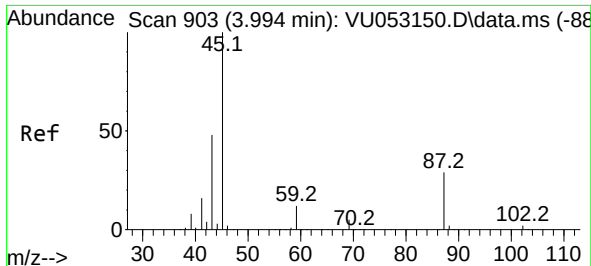
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#30
Carbon Tetrachloride
Concen: 0.456 ug/l
RT: 5.518 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

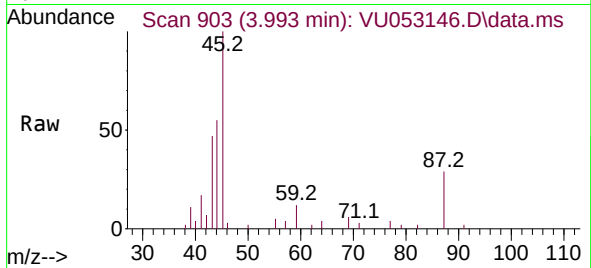
Tgt Ion:117 Resp: 4074
Ion Ratio Lower Upper
117 100
119 104.7 76.2 114.2
121 37.8 24.6 36.8#





#31
Isopropyl Ether
Concen: 0.528 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

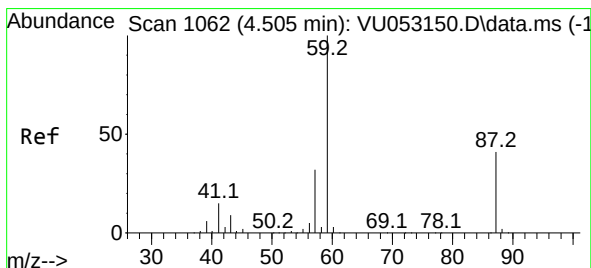
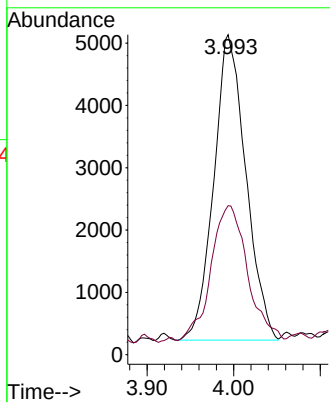
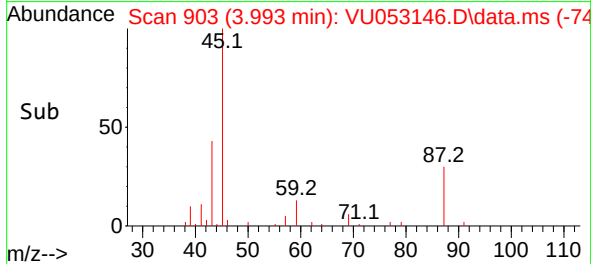
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



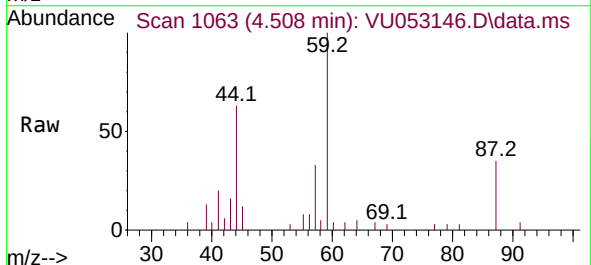
Tgt Ion: 45 Resp: 12629
Ion Ratio Lower Upper
45 100
43 50.4 24.4 73.2

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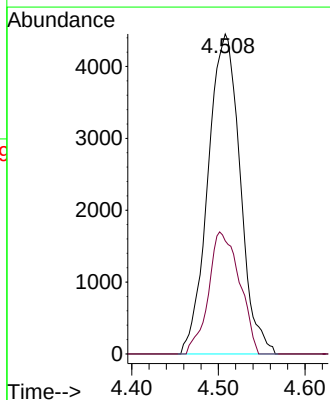
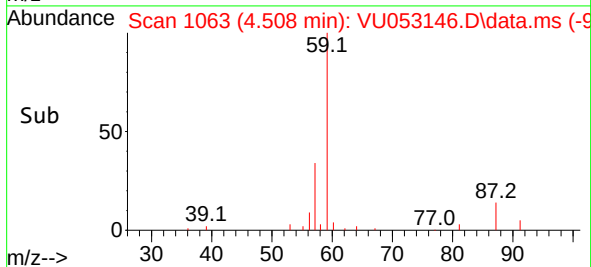
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

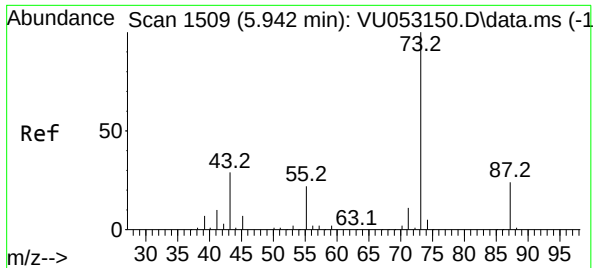


#32
Ethyl-t-butyl ether
Concen: 0.505 ug/l
RT: 4.508 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



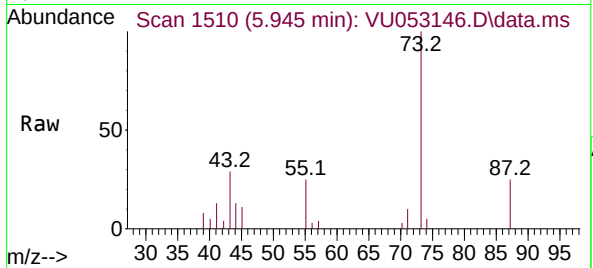
Tgt Ion: 59 Resp: 11452
Ion Ratio Lower Upper
59 100
87 36.9 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.483 ug/l
RT: 5.945 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

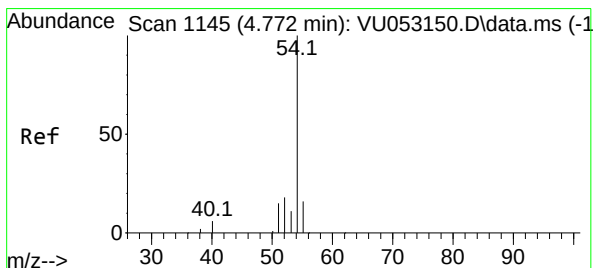
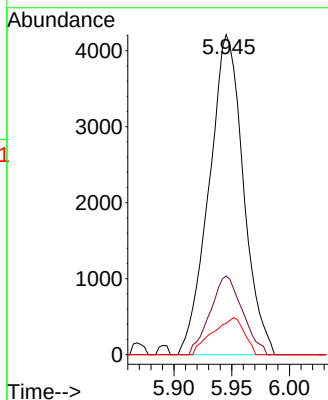
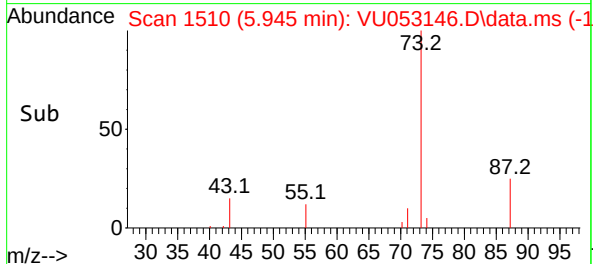
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



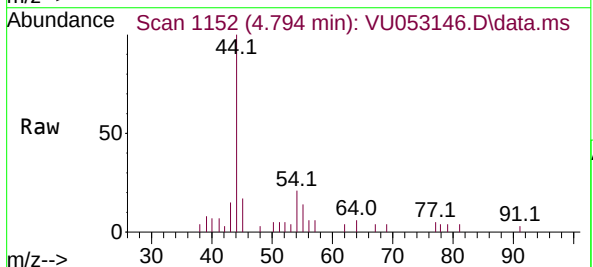
Tgt Ion: 73 Resp: 868
Ion Ratio Lower Upper
73 100
87 23.2 19.0 28.4
71 10.7 9.2 13.8

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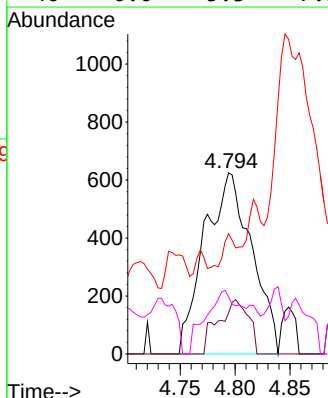
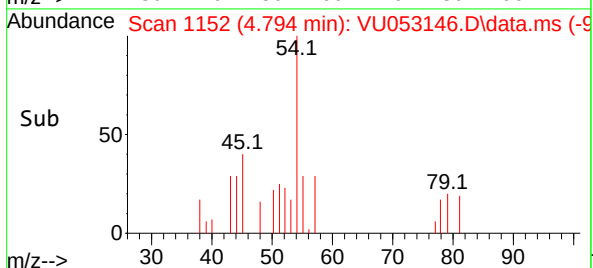
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

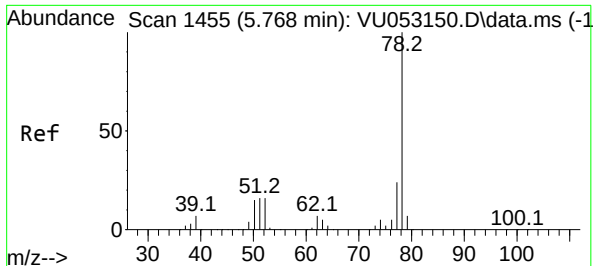


#34
Propionitrile
Concen: 2.931 ug/l m
RT: 4.794 min Scan# 1152
Delta R.T. 0.022 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



Tgt Ion: 54 Resp: 1868
Ion Ratio Lower Upper
54 100
52 0.0 16.5 24.7#
55 4.5 11.4 17.2#
40 0.0 5.3 7.9#





#35

Benzene

Concen: 0.483 ug/l

RT: 5.772 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 78 Resp: 1386

Ion Ratio Lower Upper

78 100

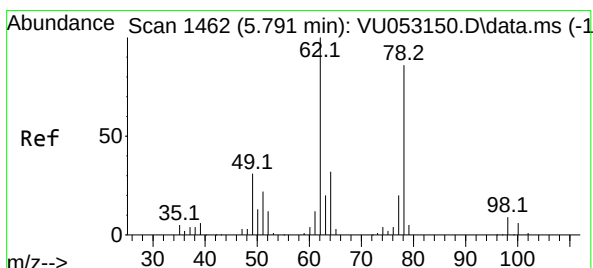
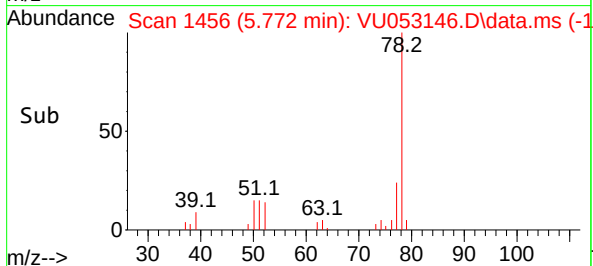
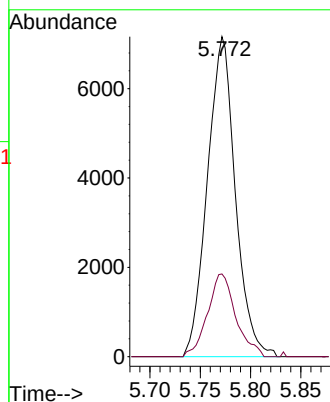
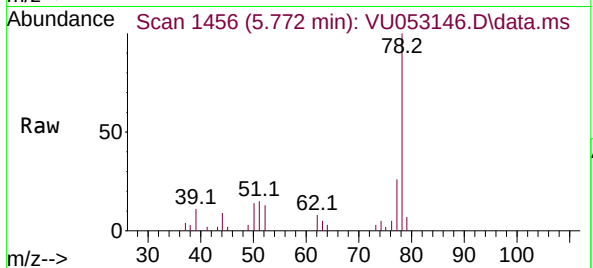
77 25.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,2-Dichloroethane

Concen: 0.520 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053146.D

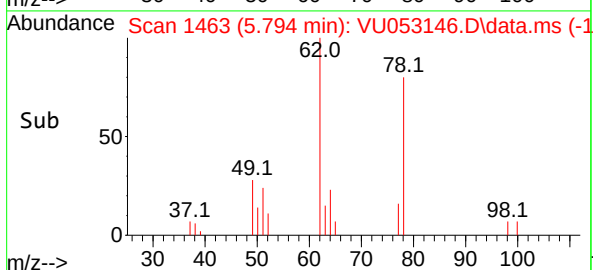
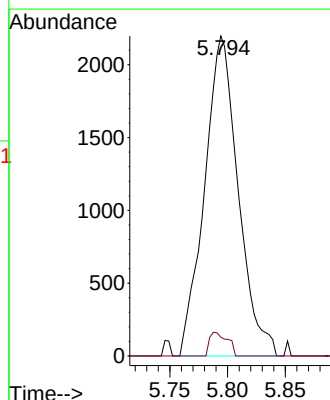
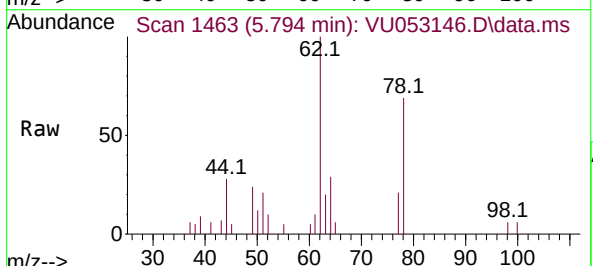
Acq: 27 Feb 2023 09:38

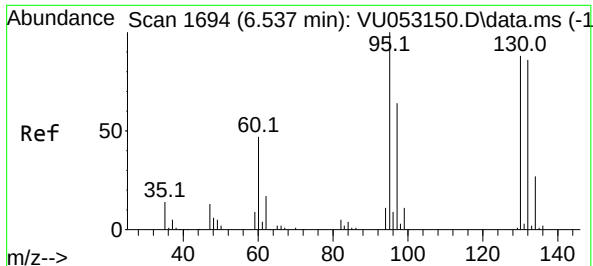
Tgt Ion: 62 Resp: 4464

Ion Ratio Lower Upper

62 100

98 3.9 7.0 10.4





#37

Trichloroethene

Concen: 0.485 ug/l

RT: 6.540 min Scan# 1694

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:130 Resp: 319

Ion Ratio Lower Upper

130 100

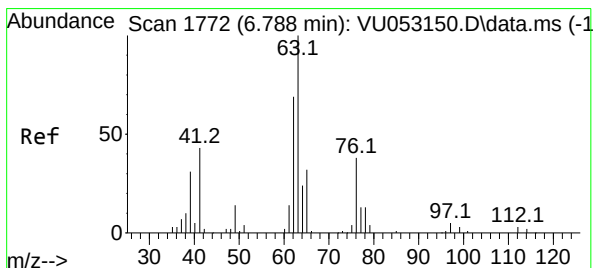
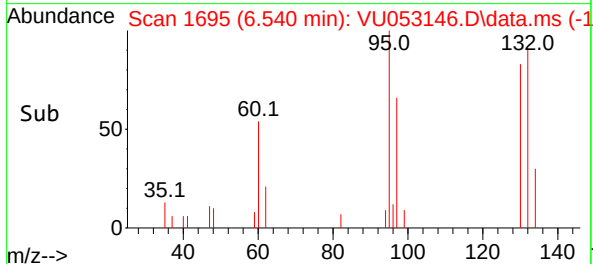
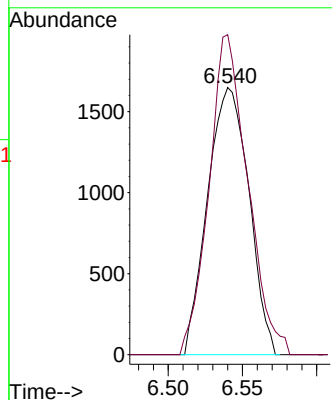
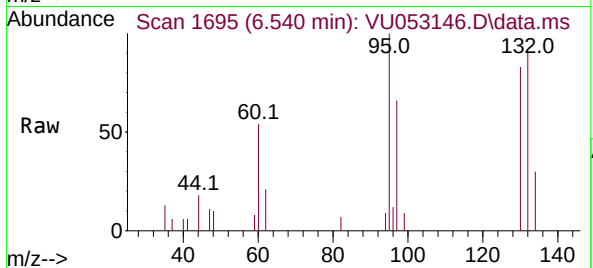
95 119.8 91.1 136.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

1,2-Dichloropropane

Concen: 0.495 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VU053146.D

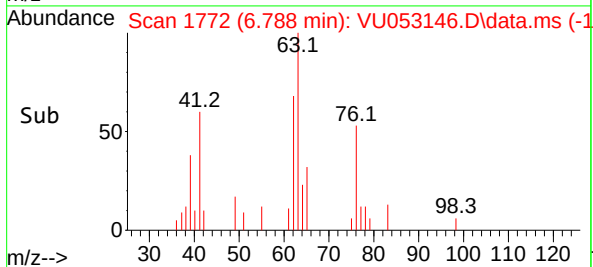
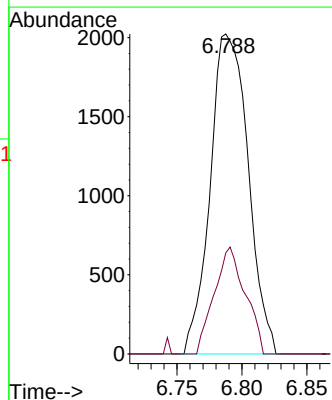
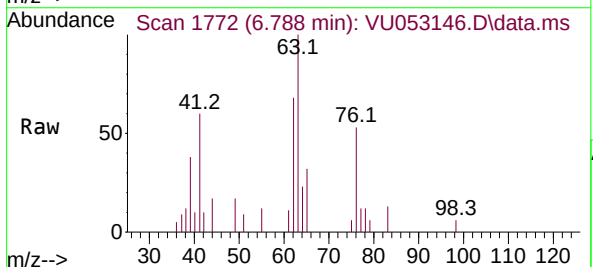
Acq: 27 Feb 2023 09:38

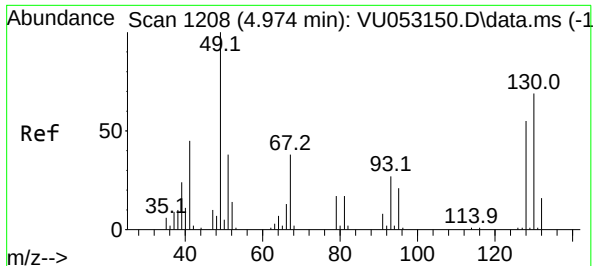
Tgt Ion: 63 Resp: 4109

Ion Ratio Lower Upper

63 100

65 31.6 25.5 38.3





#39

Methacrylonitrile

Concen: 0.621 ug/l m

RT: 4.977 min Scan# 1120

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 169

Ion Ratio Lower Upper

41 100

67 99.8 67.1 100.7

39 55.9 42.6 64.0

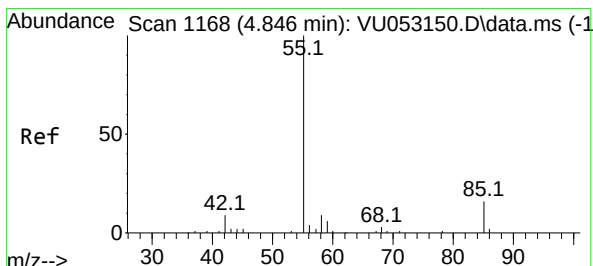
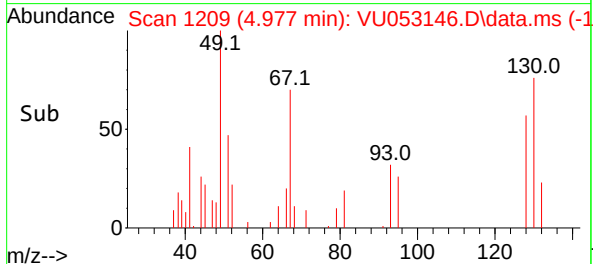
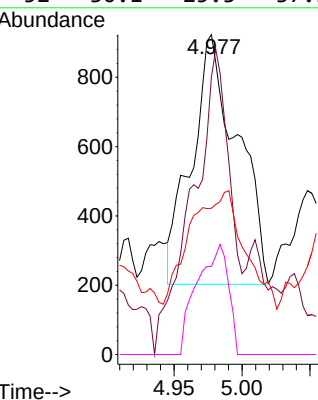
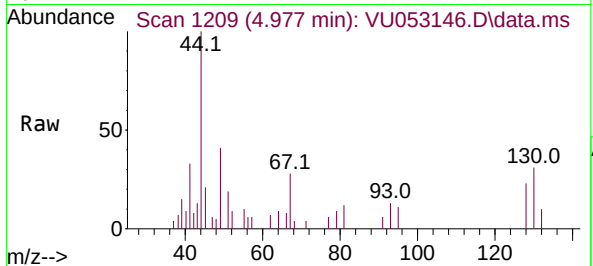
52 30.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Methyl acrylate

Concen: 0.512 ug/l

RT: 4.846 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Tgt Ion: 55 Resp: 2153

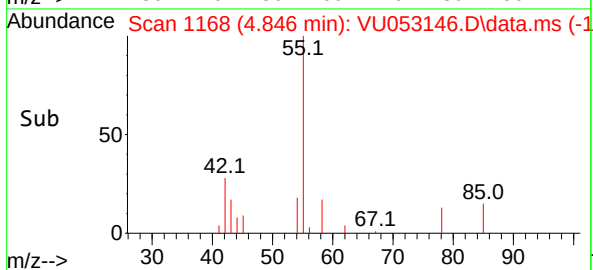
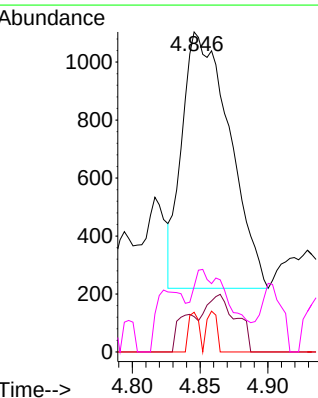
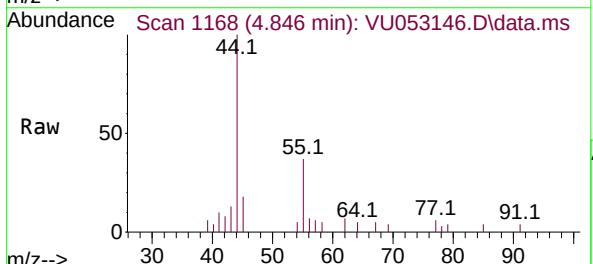
Ion Ratio Lower Upper

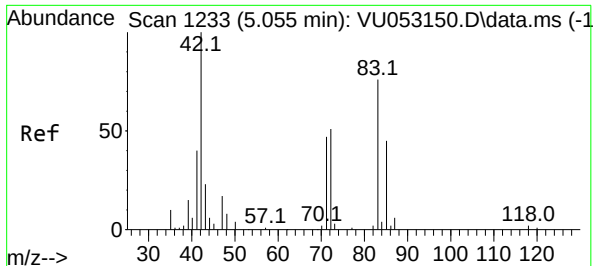
55 100

85 0.0 13.5 20.3#

58 3.3 7.3 10.9#

42 0.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 1.172 ug/l

RT: 5.074 min Scan# 1239

Delta R.T. 0.019 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

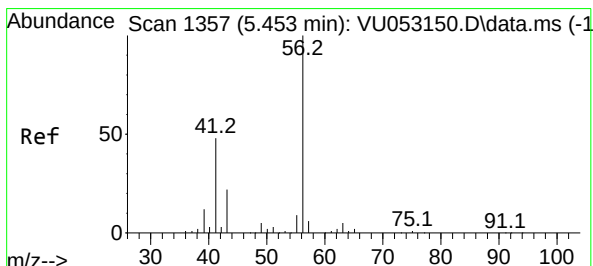
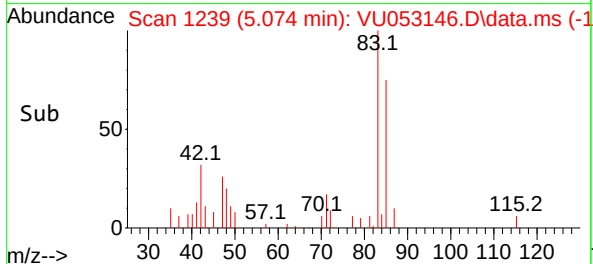
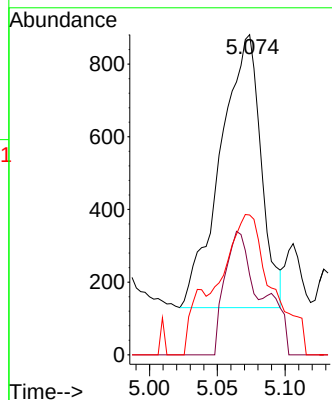
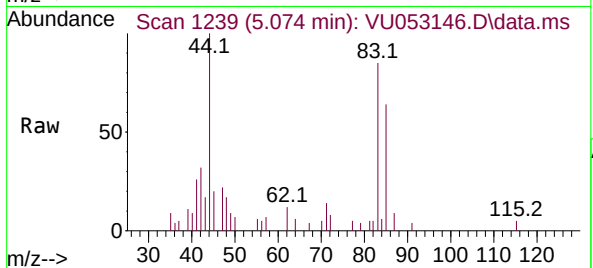
Tgt Ion:	42	Resp:	156
Ion Ratio	Lower	Upper	
42	100		
72	29.5	41.6	62.4
71	59.4	37.9	56.9

Manual Integrations

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Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#42

1-Chlorobutane

Concen: 0.498 ug/l

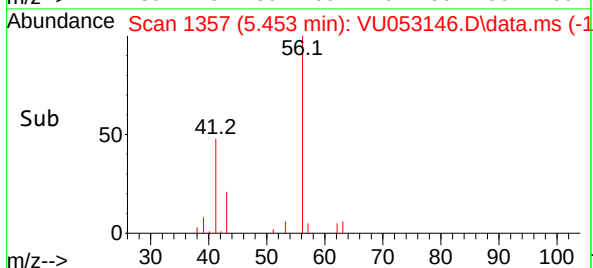
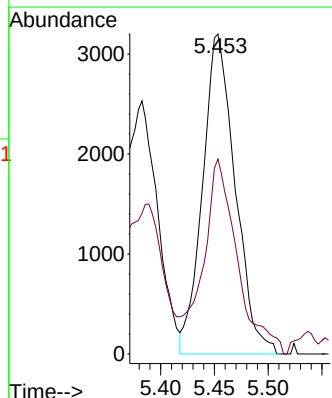
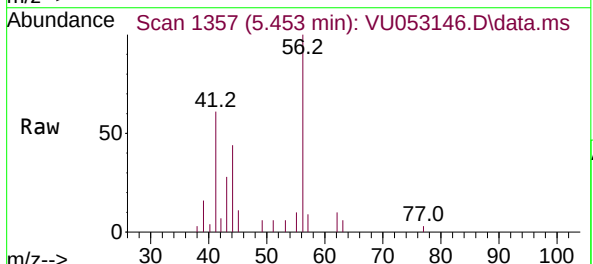
RT: 5.453 min Scan# 1357

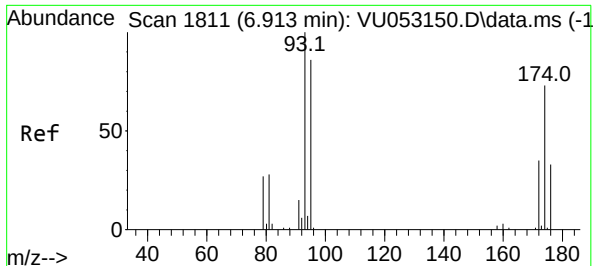
Delta R.T. 0.000 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

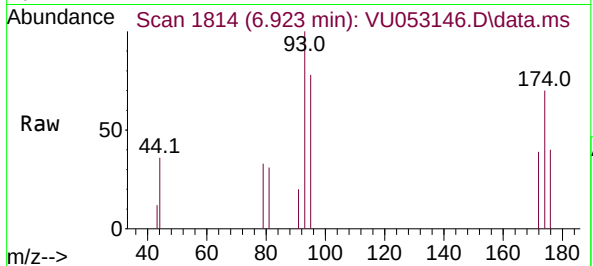
Tgt Ion:	56	Resp:	6747
Ion Ratio	Lower	Upper	
56	100		
41	62.5	23.7	71.1





#43
Dibromomethane
Concen: 0.490 ug/l
RT: 6.923 min Scan# 1801
Delta R.T. 0.010 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

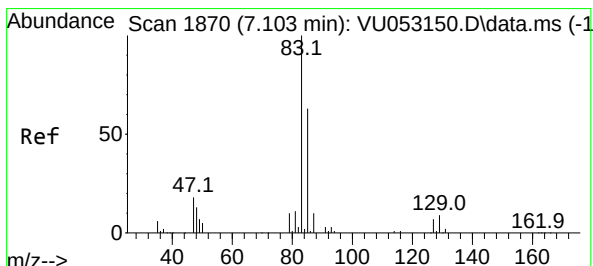
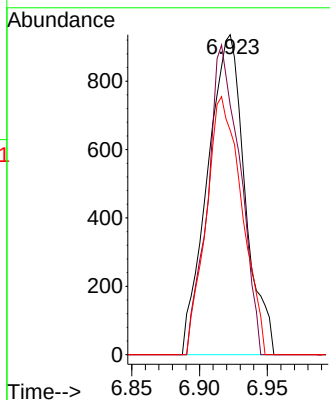
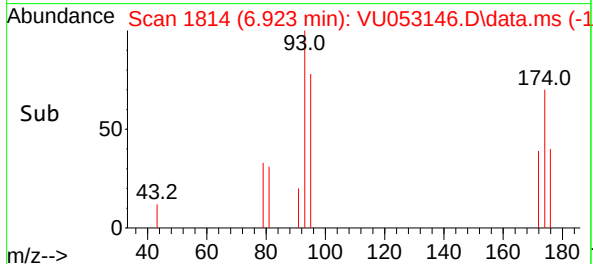
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



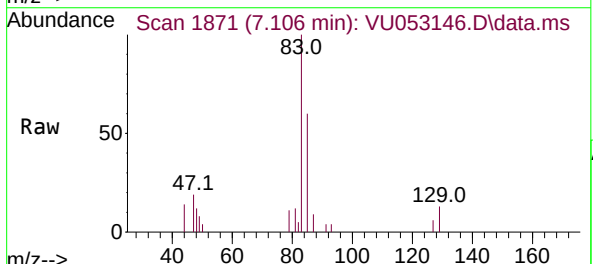
Tgt Ion: 93 Resp: 180
Ion Ratio Lower Upper
93 100
95 83.4 66.5 99.7
174 76.8 58.2 87.4

Manual Integrations
APPROVED

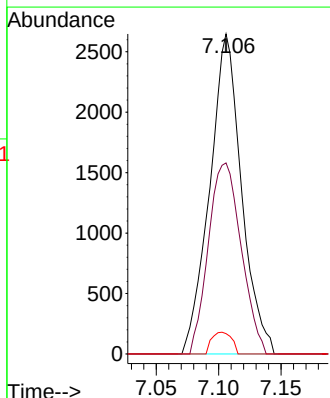
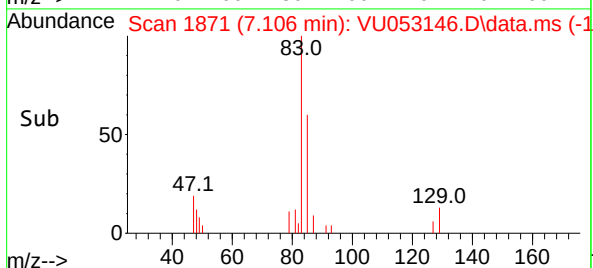
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

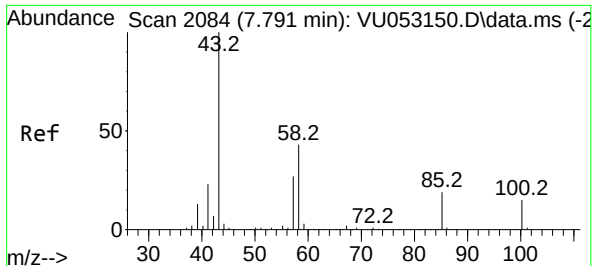


#44
Bromodichloromethane
Concen: 0.468 ug/l
RT: 7.106 min Scan# 1871
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



Tgt Ion: 83 Resp: 4705
Ion Ratio Lower Upper
83 100
85 59.7 50.6 75.8
127 6.4 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 2.648 ug/l

RT: 7.797 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

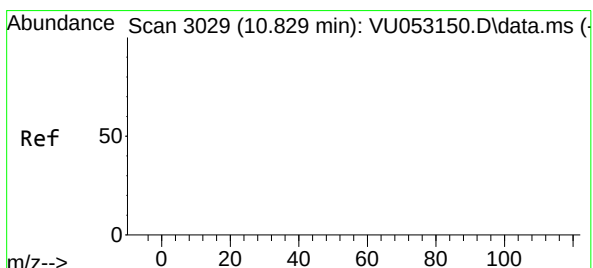
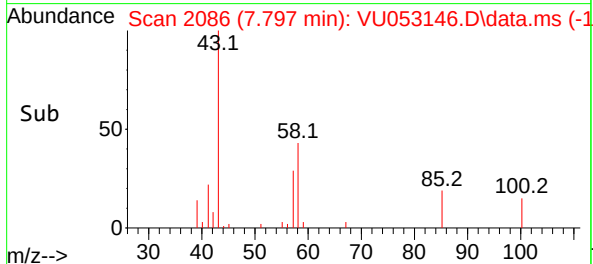
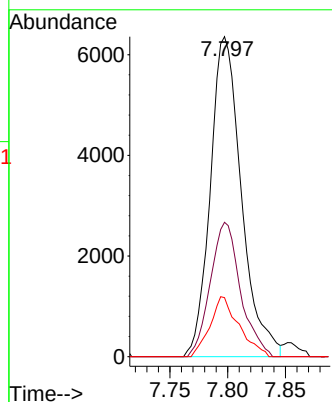
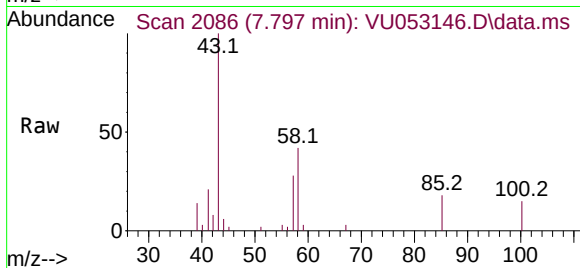
Tgt Ion:	43	Resp:	1189
Ion	Ratio	Lower	Upper
43	100		
58	40.7	22.0	66.0
85	17.5	15.7	23.5

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: 0.939 ug/l m

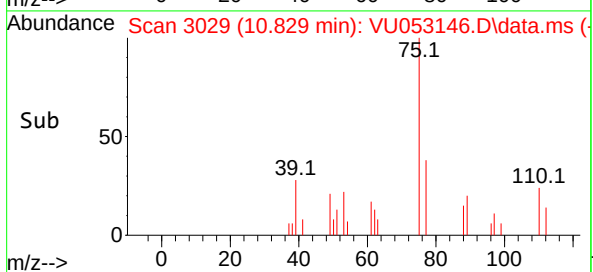
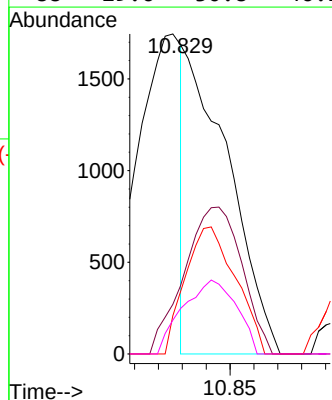
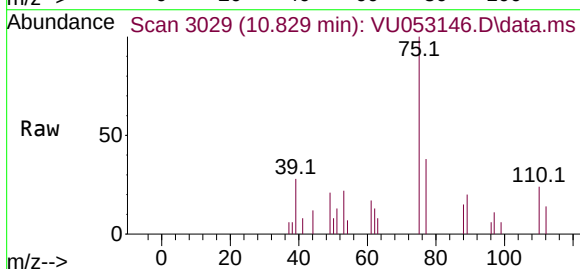
RT: 10.829 min Scan# 3029

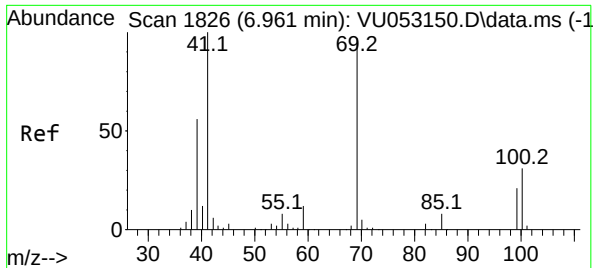
Delta R.T. -0.000 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Tgt Ion:	75	Resp:	2125
Ion	Ratio	Lower	Upper
75	100		
53	63.4	57.0	85.4
89	47.9	43.1	64.7
88	29.6	30.8	46.2





#47

Methyl methacrylate

Concen: 0.979 ug/l

RT: 6.964 min Scan# 1826

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 3700

Ion Ratio Lower Upper

69 100

41 107.8 0.0 201.0

39 60.4 47.1 70.7

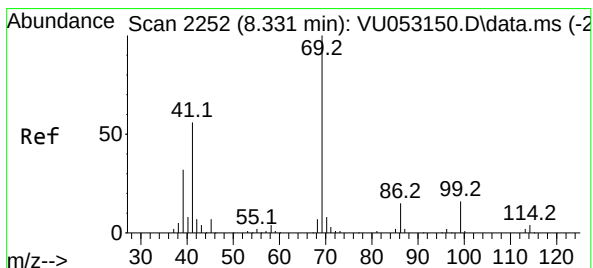
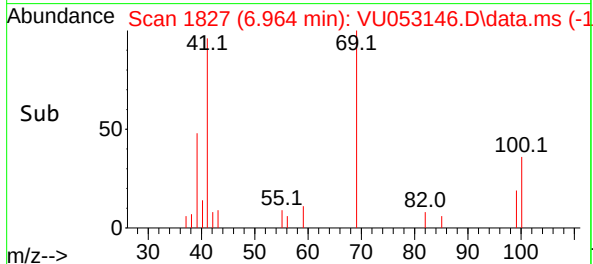
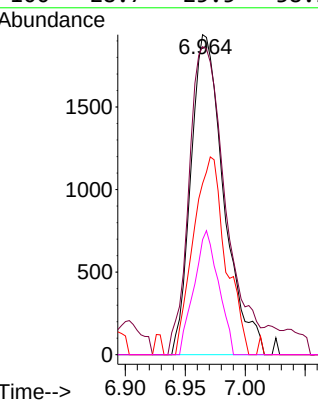
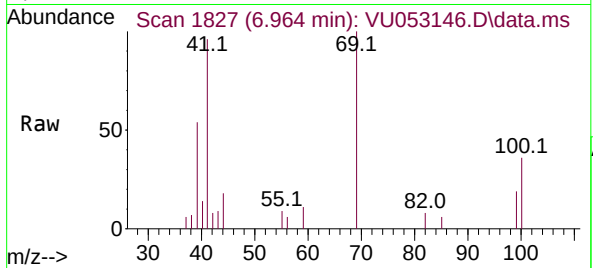
100 28.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#48

Ethyl methacrylate

Concen: 0.481 ug/l

RT: 8.341 min Scan# 2255

Delta R.T. 0.010 min

Lab File: VU053146.D

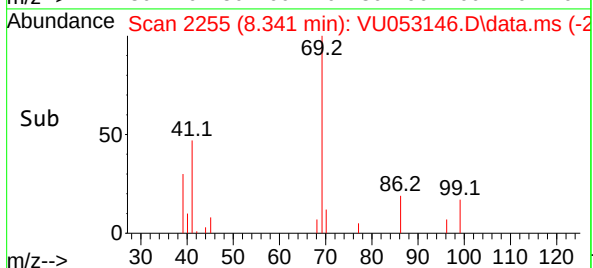
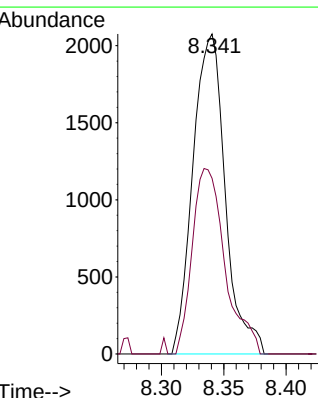
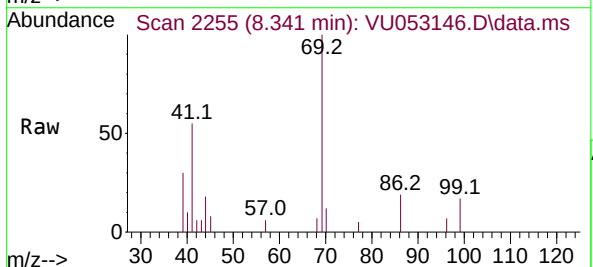
Acq: 27 Feb 2023 09:38

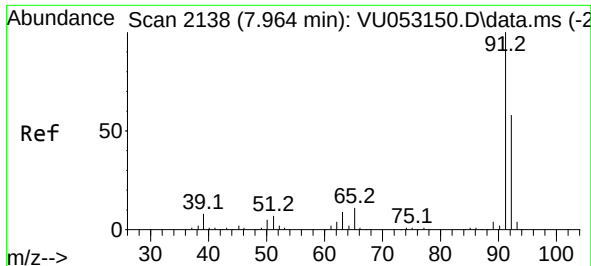
Tgt Ion: 69 Resp: 3741

Ion Ratio Lower Upper

69 100

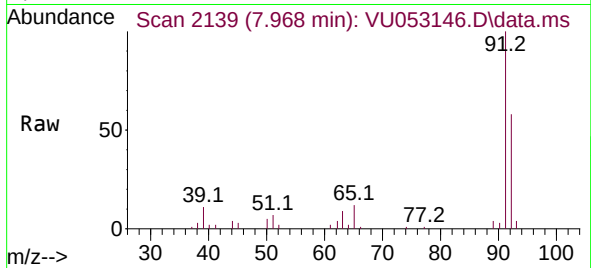
41 58.9 28.2 84.6





#49
Toluene
Concen: 0.476 ug/l
RT: 7.968 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

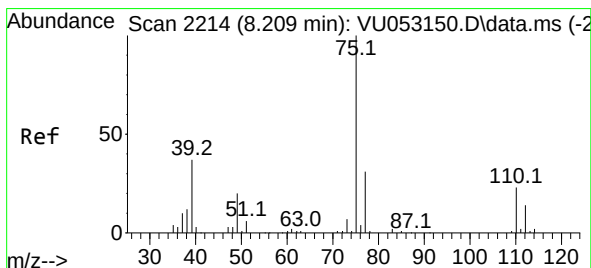
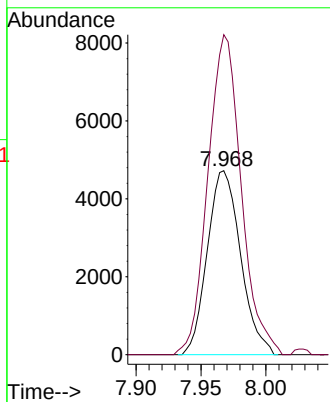
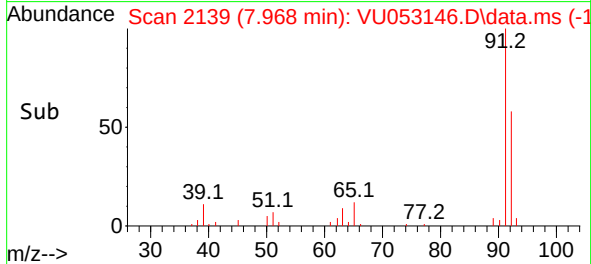
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



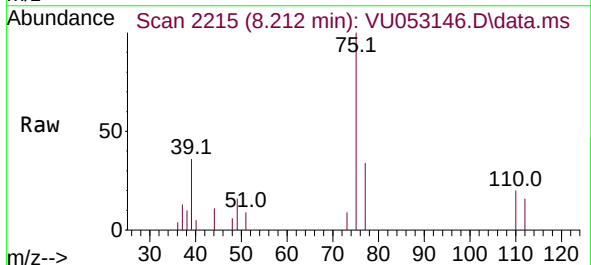
Tgt Ion: 92 Resp: 8419
Ion Ratio Lower Upper
92 100
91 174.0 138.2 207.2

Manual Integrations
APPROVED

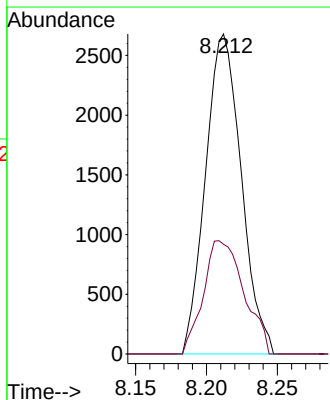
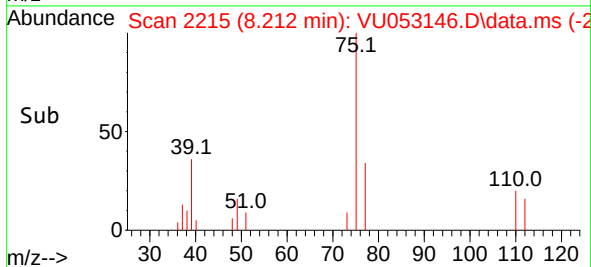
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

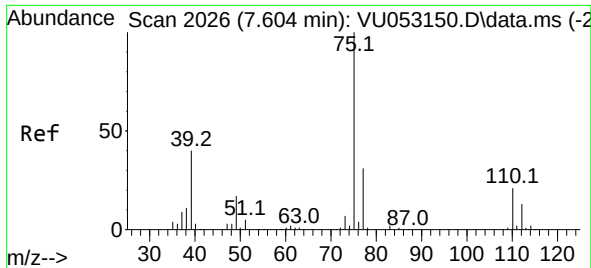


#50
t-1,3-Dichloropropene
Concen: 0.481 ug/l
RT: 8.212 min Scan# 2215
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



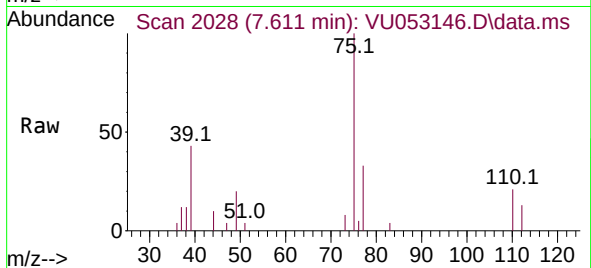
Tgt Ion: 75 Resp: 4701
Ion Ratio Lower Upper
75 100
77 34.3 25.1 37.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.477 ug/l
 RT: 7.611 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

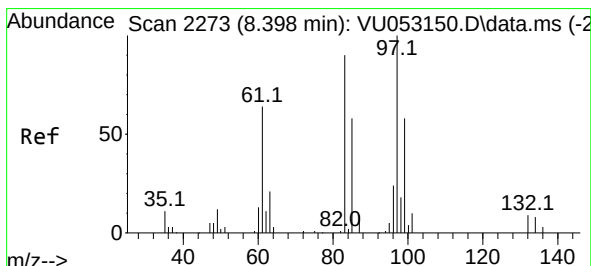
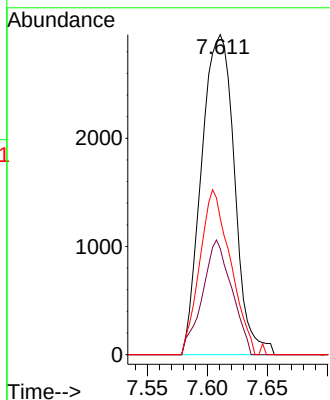
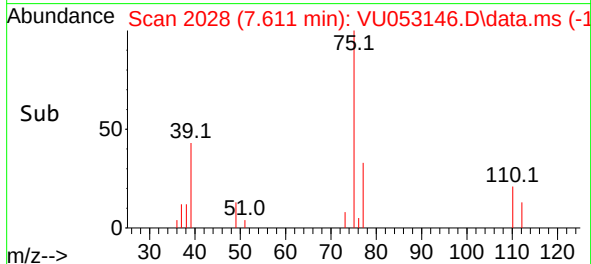
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 75 Resp: 564
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.9 37.3
 39 42.5 32.2 48.2

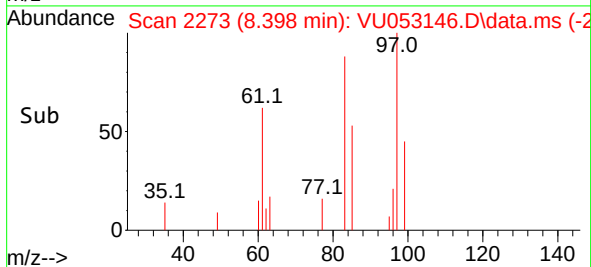
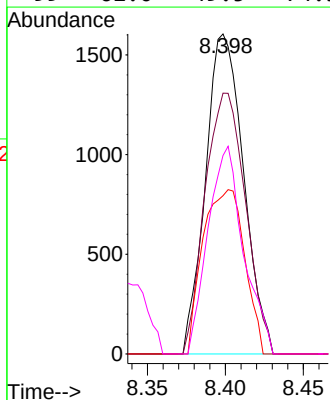
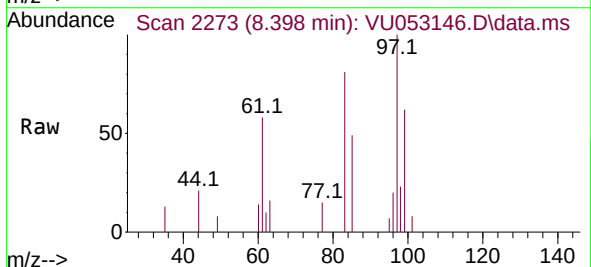
Manual Integrations
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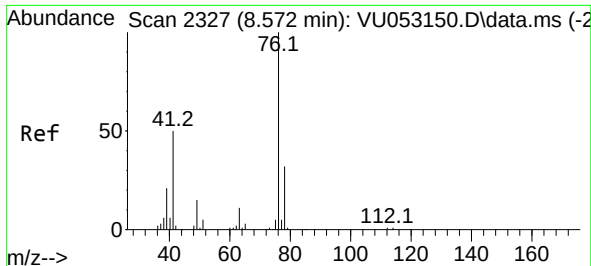
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.504 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

Tgt Ion: 97 Resp: 2726
 Ion Ratio Lower Upper
 97 100
 83 81.5 71.9 107.9
 85 49.5 46.5 69.7
 99 62.0 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.481 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 4658

Ion Ratio Lower Upper

76 100

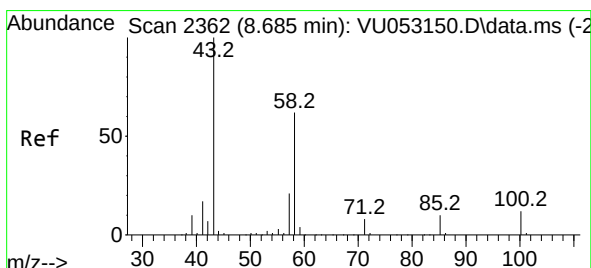
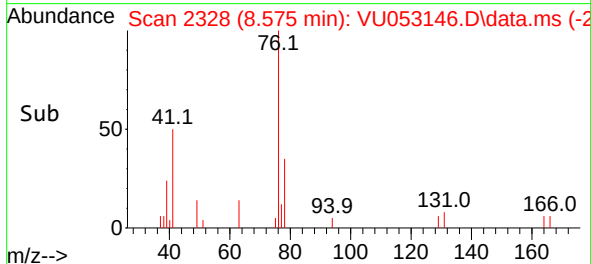
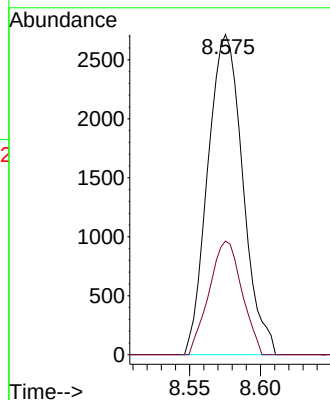
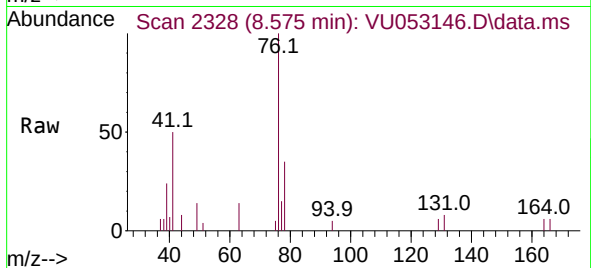
78 33.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#54

2-Hexanone

Concen: 3.047 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

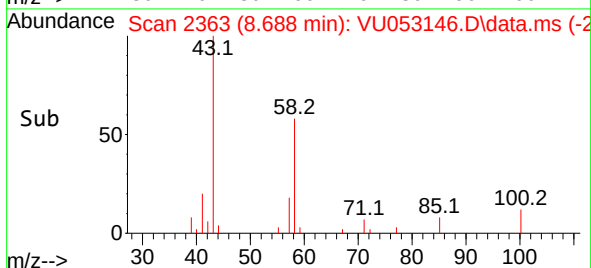
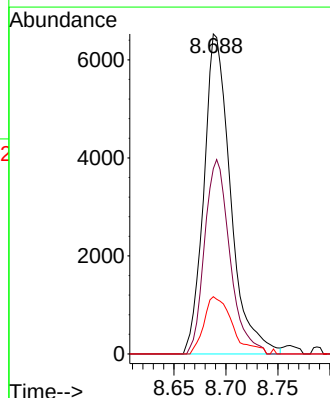
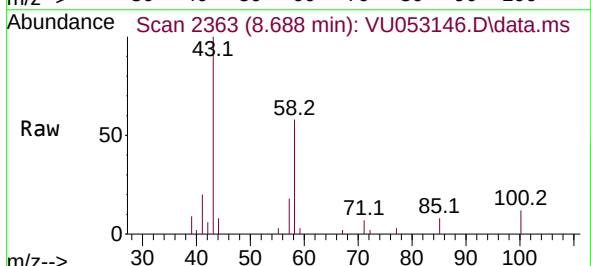
Tgt Ion: 43 Resp: 11663

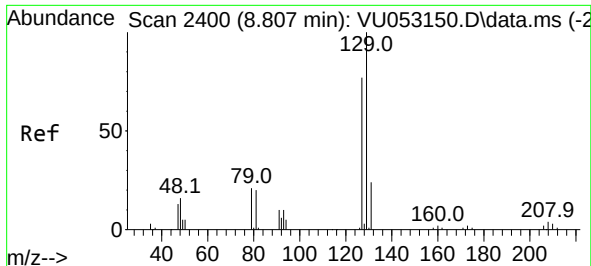
Ion Ratio Lower Upper

43 100

58 57.7 42.0 82.0

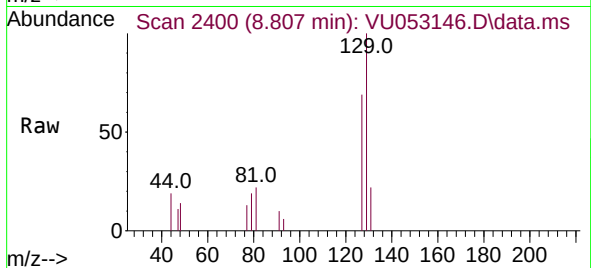
57 19.1 1.2 41.2





#55
Dibromochloromethane
Concen: 0.522 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

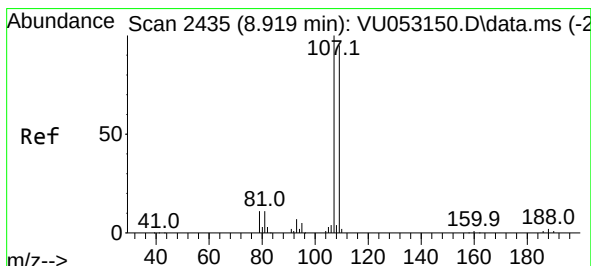
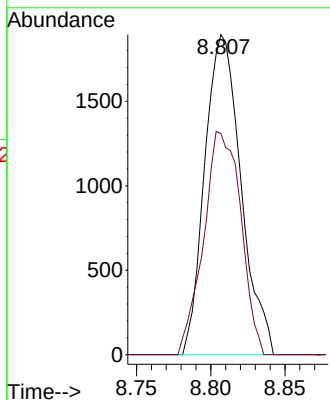
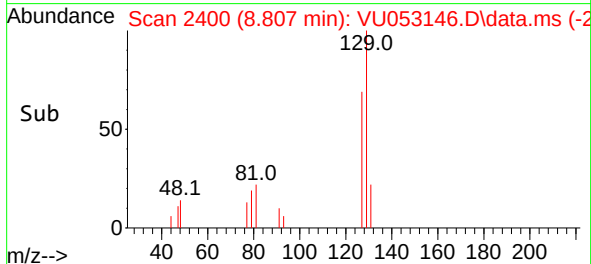
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



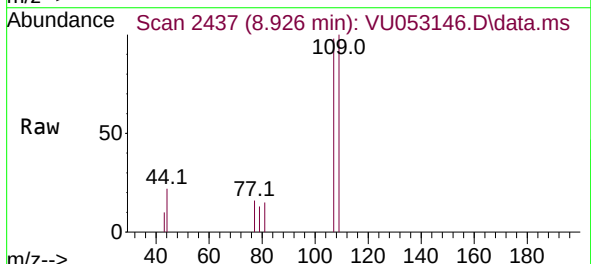
Tgt Ion:129 Resp: 3219
Ion Ratio Lower Upper
129 100
127 71.3 61.1 91.7

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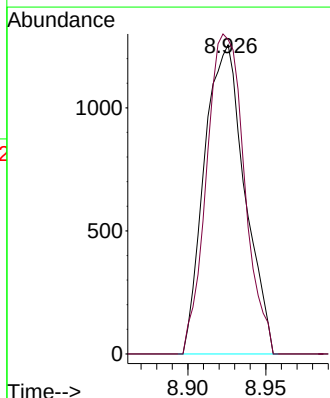
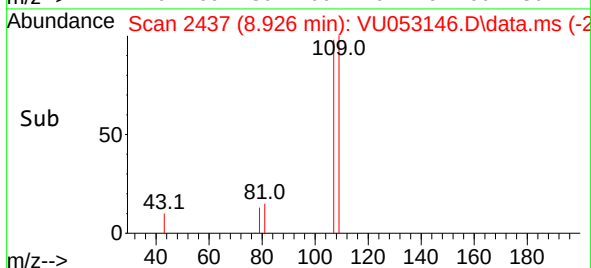
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

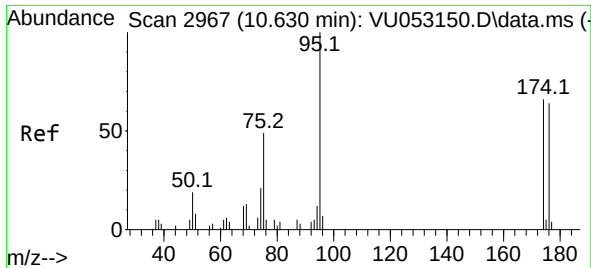


#56
1,2-Dibromoethane
Concen: 0.471 ug/l
RT: 8.926 min Scan# 2437
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



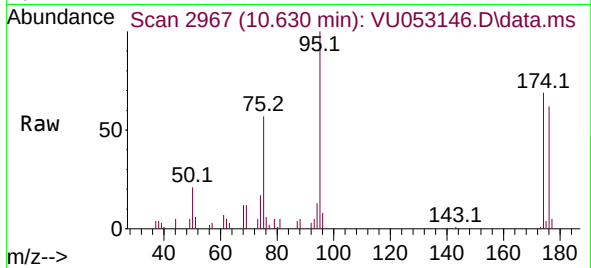
Tgt Ion:107 Resp: 2262
Ion Ratio Lower Upper
107 100
109 97.3 0.0 186.2





#57
4-Bromofluorobenzene
Concen: 1.136 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

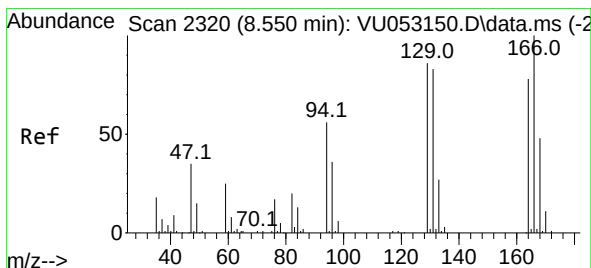
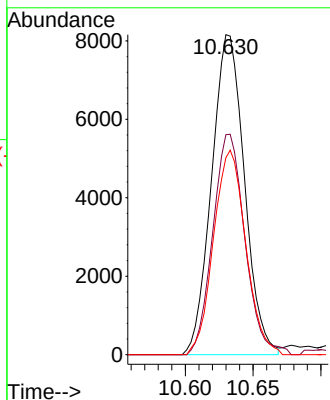
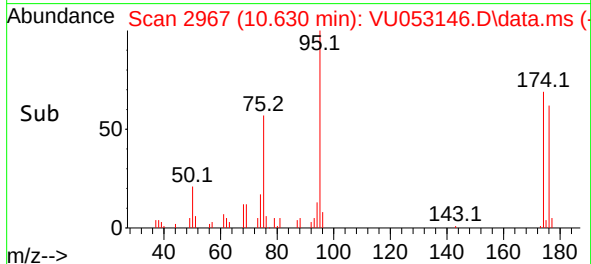
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



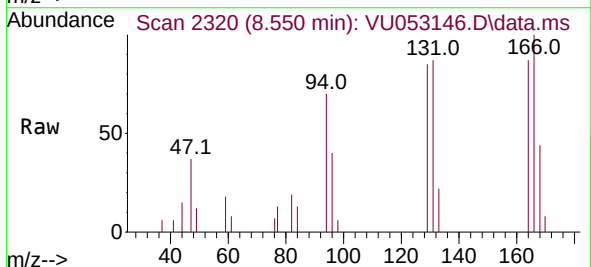
Tgt Ion: 95 Resp: 13720
Ion Ratio Lower Upper
95 100
174 67.4 50.7 76.1
176 62.8 47.8 71.6

Manual Integrations
APPROVED

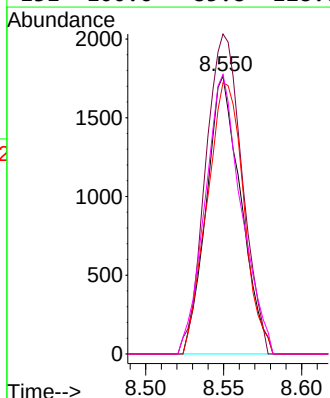
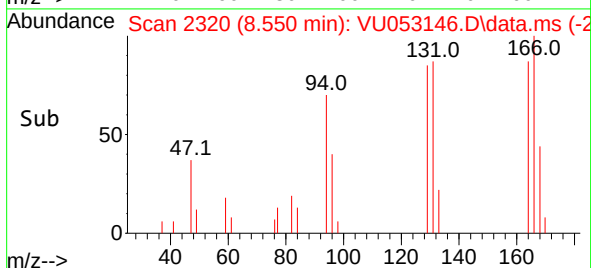
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

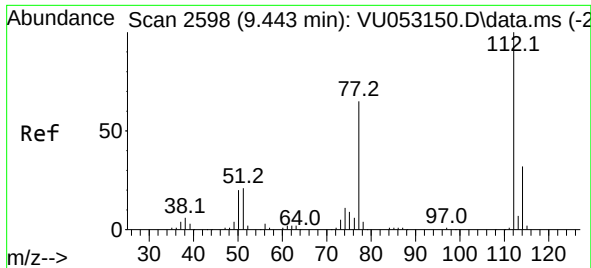


#58
Tetrachloroethene
Concen: 0.516 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



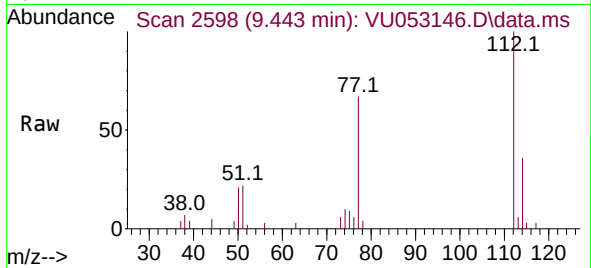
Tgt Ion:164 Resp: 2708
Ion Ratio Lower Upper
164 100
166 115.2 103.2 154.8
129 97.6 88.8 133.2
131 100.6 85.8 128.6





#59
Chlorobenzene
Concen: 0.495 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

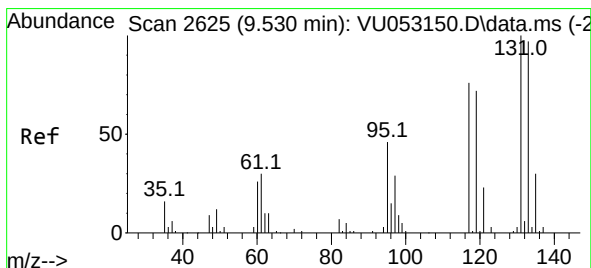
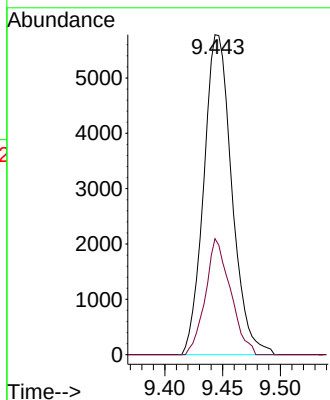
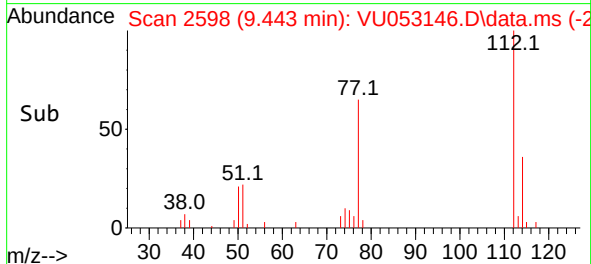
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



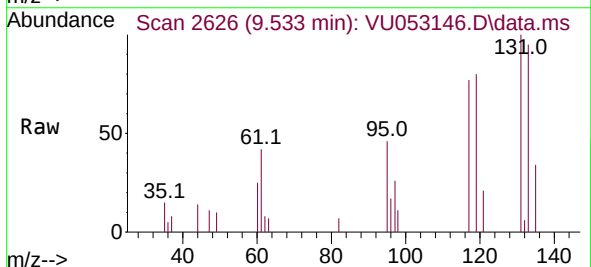
Tgt Ion:112 Resp: 977
Ion Ratio Lower Upper
112 100
114 36.3 25.8 38.6

Manual Integrations
APPROVED

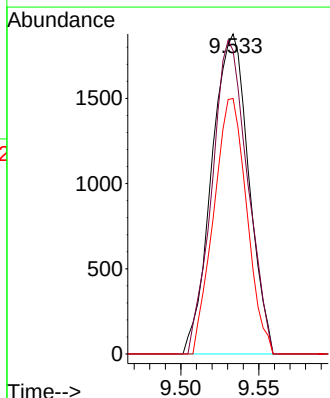
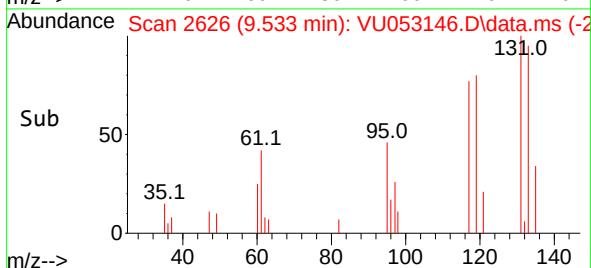
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

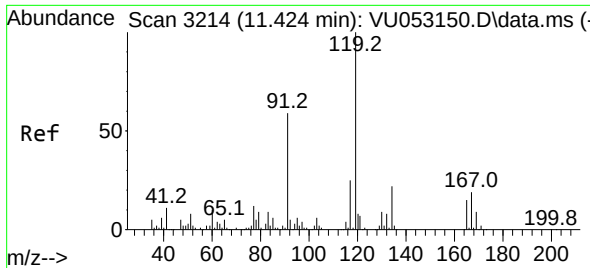


#60
1,1,1,2-Tetrachloroethane
Concen: 0.475 ug/l
RT: 9.533 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



Tgt Ion:131 Resp: 3100
Ion Ratio Lower Upper
131 100
133 94.2 76.7 115.1
119 71.4 57.6 86.4





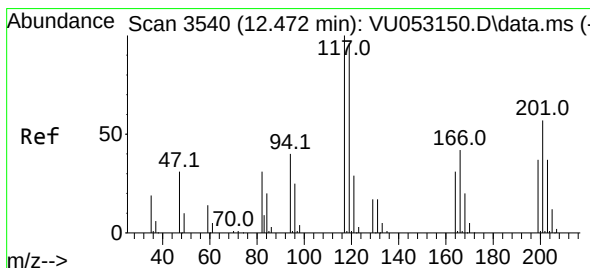
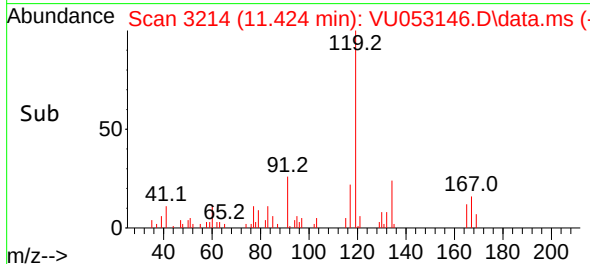
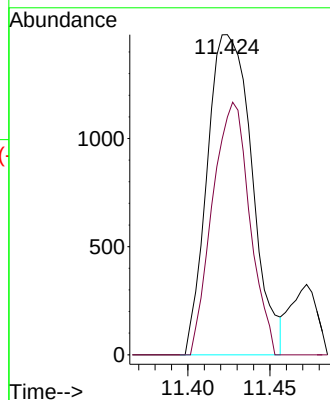
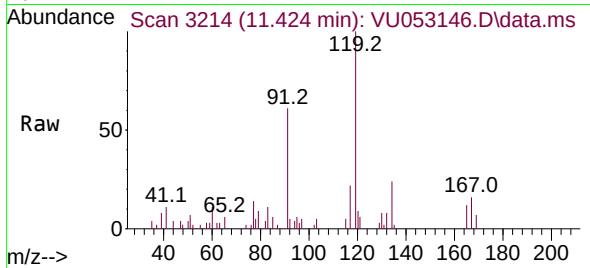
#61
Pentachloroethane
Concen: 0.494 ug/l
RT: 11.424 min Scan# 3117
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 280
Ion Ratio Lower Upper
117 100
167 65.8 57.5 86.3

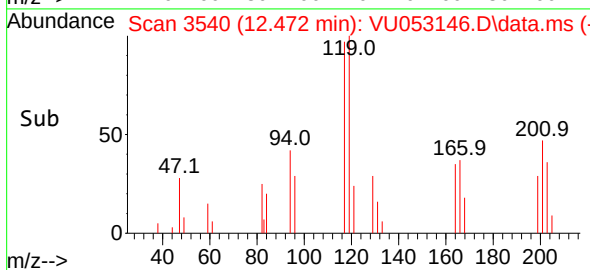
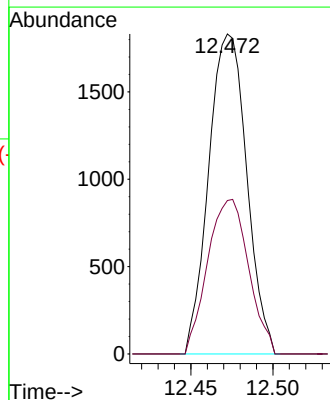
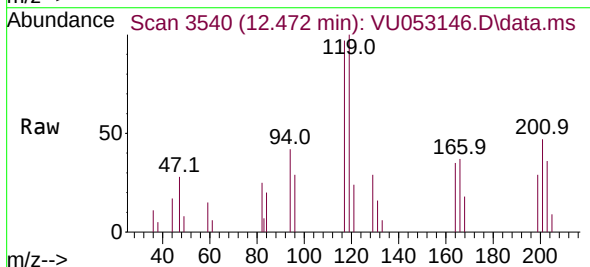
Manual Integrations
APPROVED

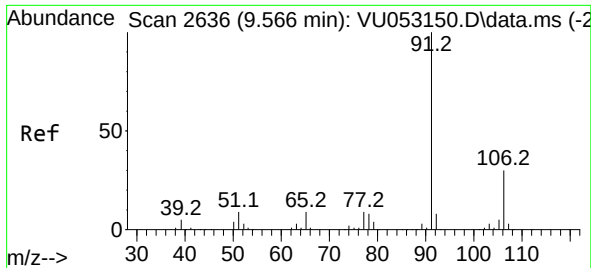
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
Hexachloroethane
Concen: 0.472 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:117 Resp: 2949
Ion Ratio Lower Upper
117 100
201 51.9 46.7 70.1





#63

Ethyl Benzene

Concen: 0.483 ug/l

RT: 9.569 min Scan# 2636

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 17620

Ion Ratio Lower Upper

91 100

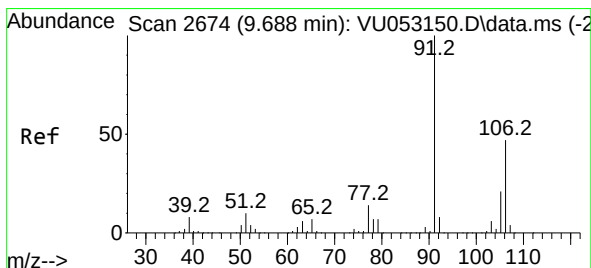
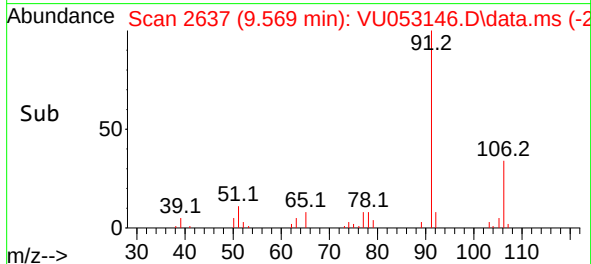
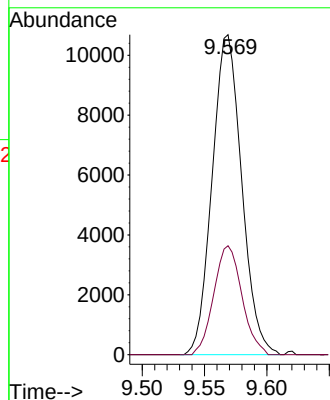
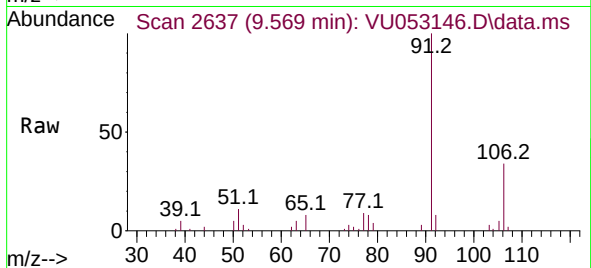
106 34.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#64

m/p-Xylenes

Concen: 0.955 ug/l

RT: 9.691 min Scan# 2675

Delta R.T. 0.003 min

Lab File: VU053146.D

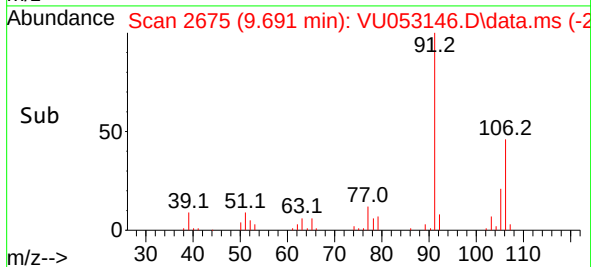
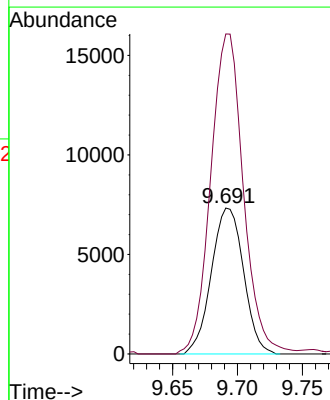
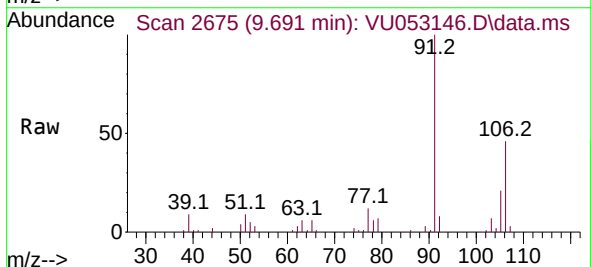
Acq: 27 Feb 2023 09:38

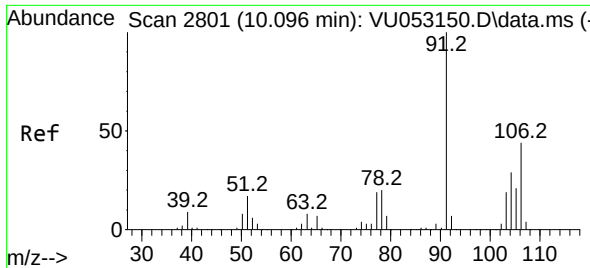
Tgt Ion:106 Resp: 12634

Ion Ratio Lower Upper

106 100

91 222.5 170.7 256.1





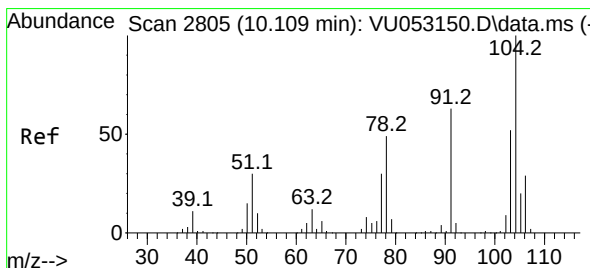
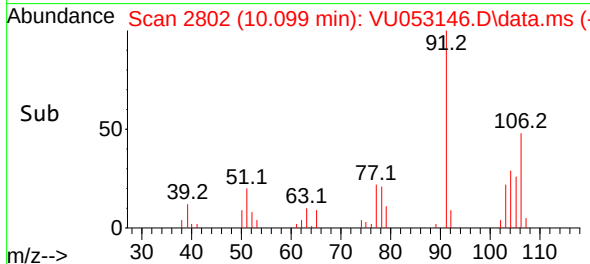
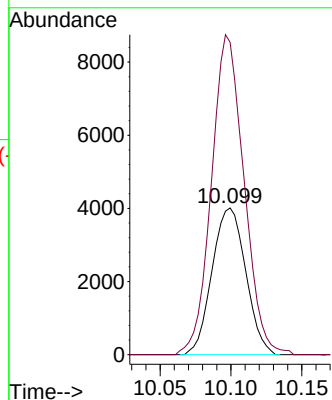
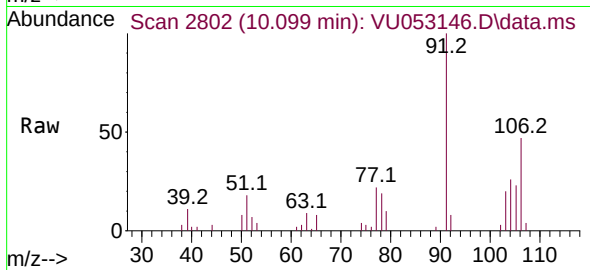
#65
o-Xylene
Concen: 0.491 ug/l
RT: 10.099 min Scan# 2801
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 6640
Ion Ratio Lower Upper
106 100
91 210.7 112.8 338.4

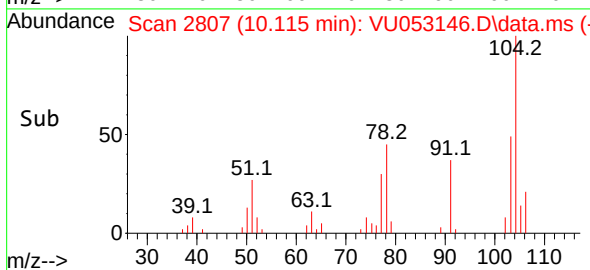
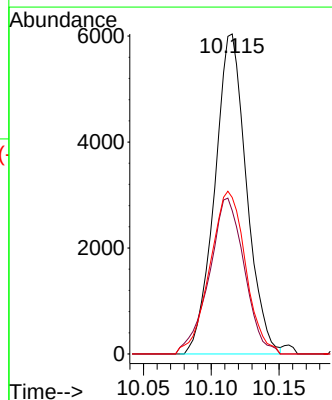
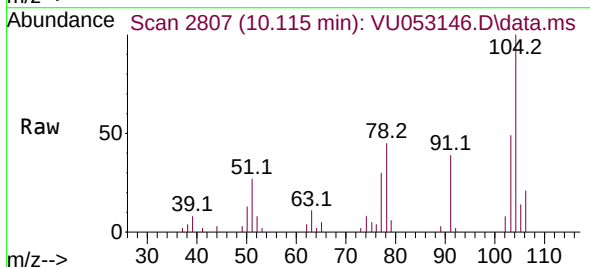
Manual Integrations
APPROVED

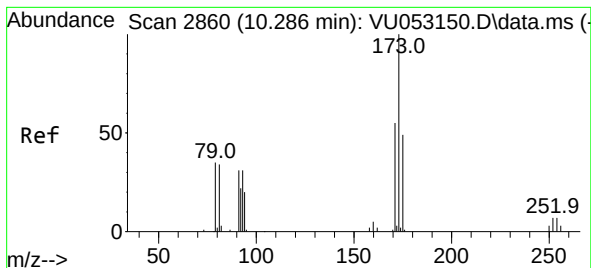
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
Styrene
Concen: 0.460 ug/l
RT: 10.115 min Scan# 2807
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:104 Resp: 9842
Ion Ratio Lower Upper
104 100
78 53.6 43.3 64.9
103 57.0 45.2 67.8





#67

Bromoform

Concen: 0.469 ug/l

RT: 10.289 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

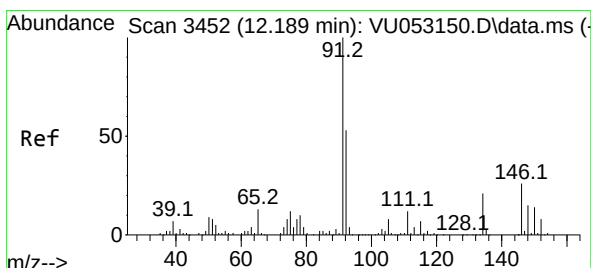
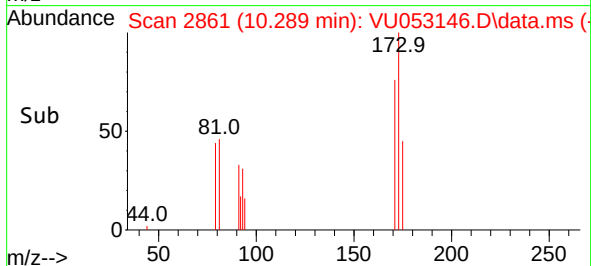
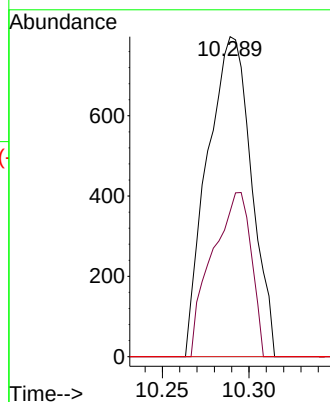
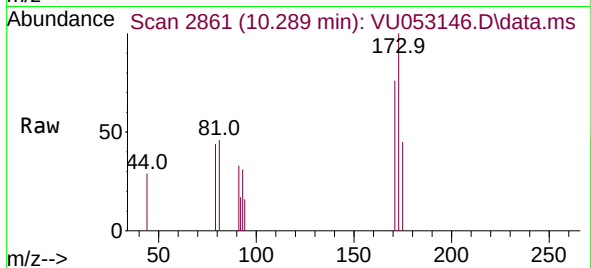
Tgt Ion:	173	Resp:	140
Ion Ratio	Lower	Upper	
173	100		
175	45.6	38.7	58.1
254	0.0	5.8	8.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.962 ug/l

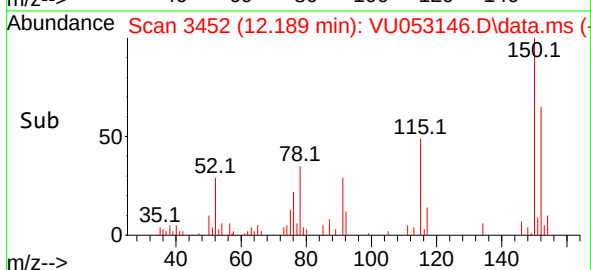
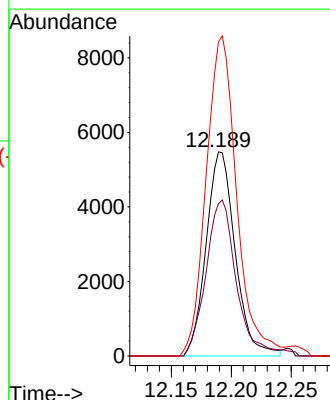
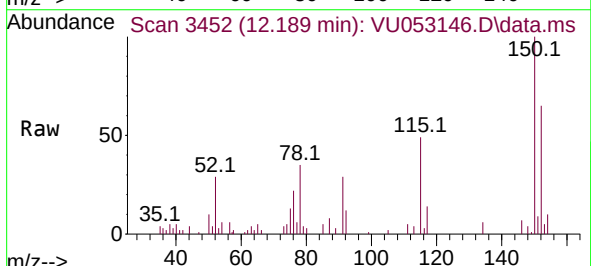
RT: 12.189 min Scan# 3452

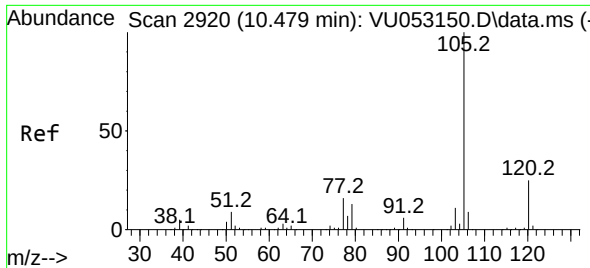
Delta R.T. -0.000 min

Lab File: VU053146.D

Acq: 27 Feb 2023 09:38

Tgt Ion:	152	Resp:	9218
Ion Ratio	Lower	Upper	
152	100		
115	80.5	0.0	267.8
150	164.7	0.0	623.0





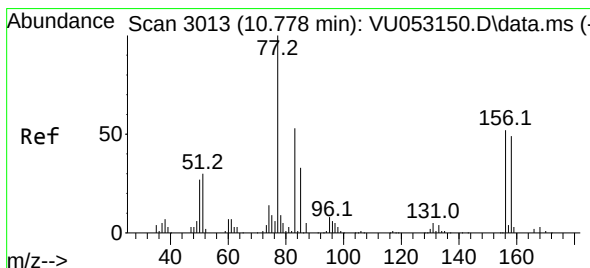
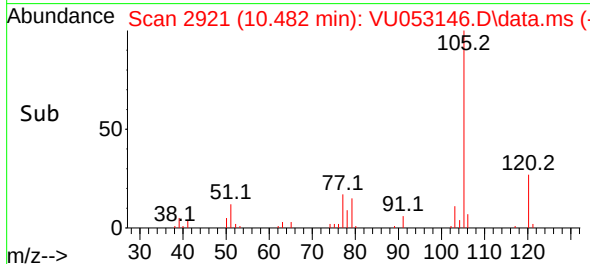
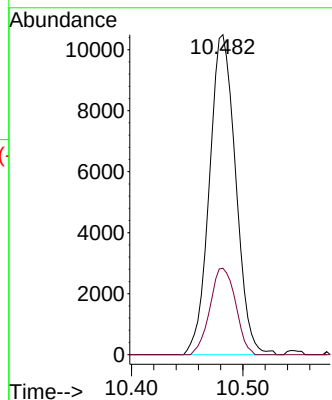
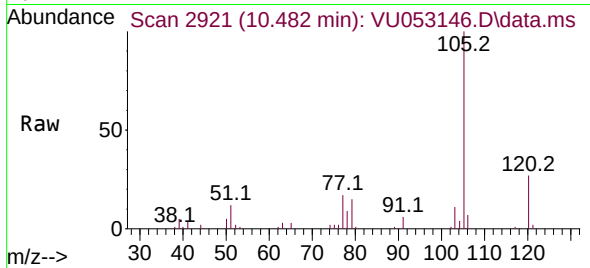
#69
Isopropylbenzene
Concen: 0.475 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 17174
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.6

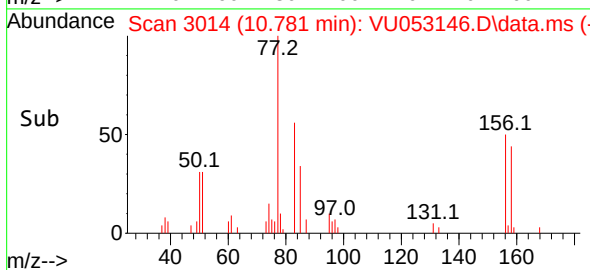
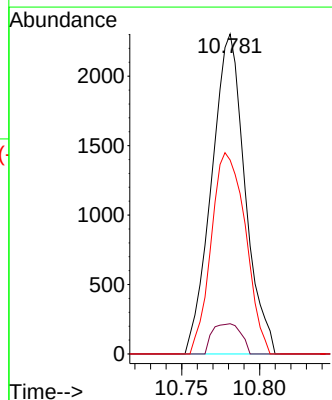
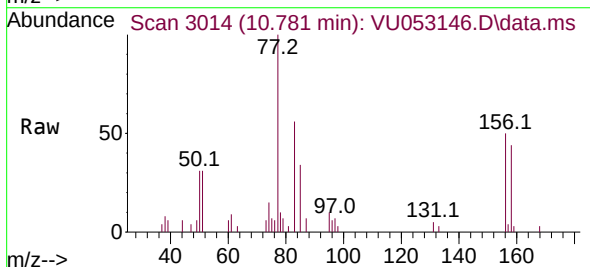
Manual Integrations
APPROVED

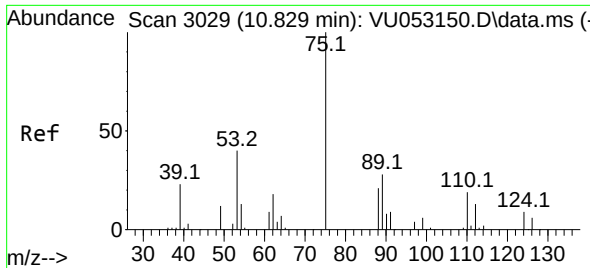
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

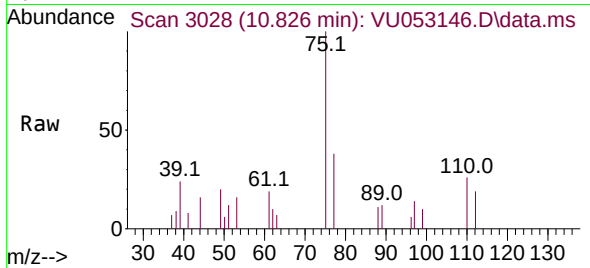
Tgt Ion: 83 Resp: 3429
Ion Ratio Lower Upper
83 100
131 8.1 6.6 9.8
85 64.5 49.3 73.9





#71
1,2,3-Trichloropropane
Concen: 0.546 ug/l m
RT: 10.826 min Scan# 3029
Delta R.T. -0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

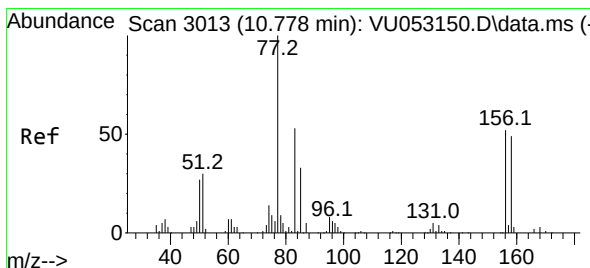
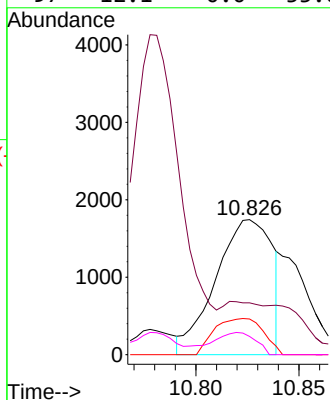
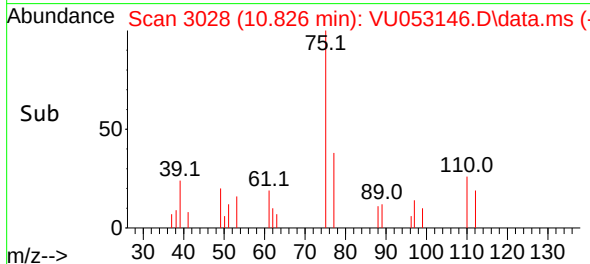
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 75 Resp: 3319
Ion Ratio Lower Upper
75 100
77 0.0 0.0 98.2
110 23.3 0.0 57.0
97 12.1 0.0 33.6

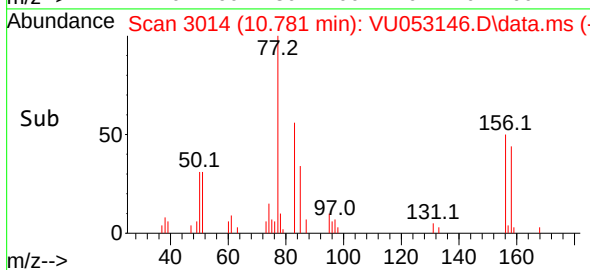
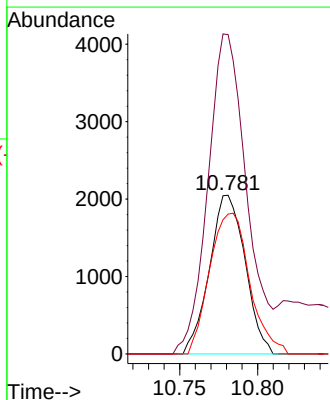
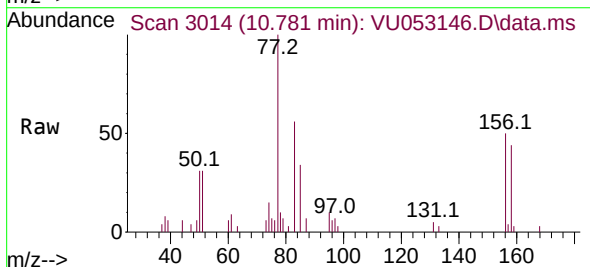
Manual Integrations
APPROVED

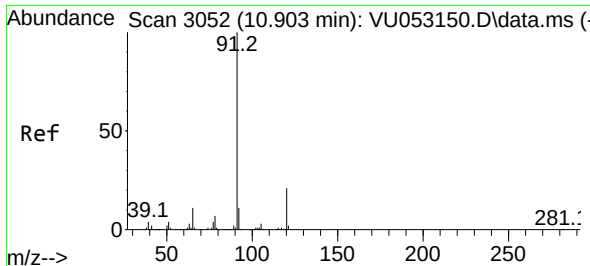
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#72
Bromobenzene
Concen: 0.464 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:156 Resp: 3261
Ion Ratio Lower Upper
156 100
77 217.9 0.0 397.0
158 99.4 0.0 189.2





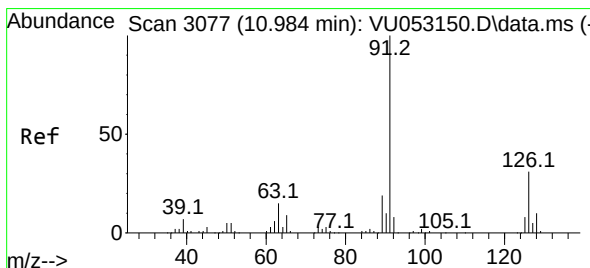
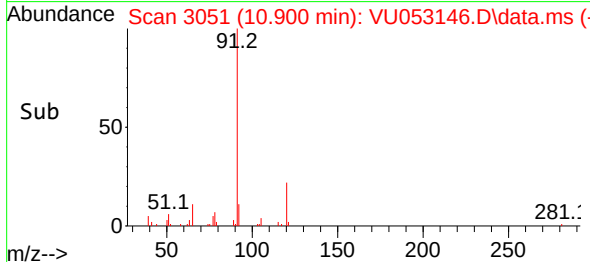
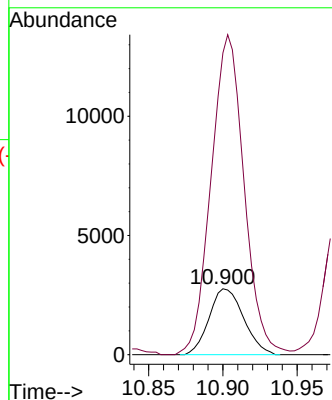
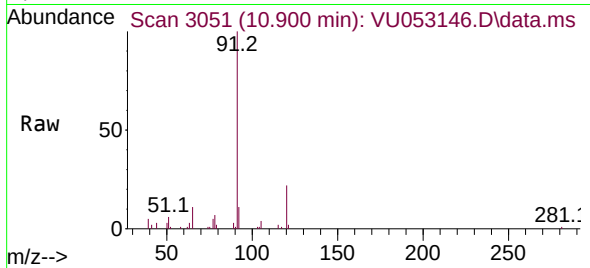
#73
n-propylbenzene
Concen: 0.466 ug/l
RT: 10.900 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 4478
Ion Ratio Lower Upper
120 100
91 463.0 372.5 558.7

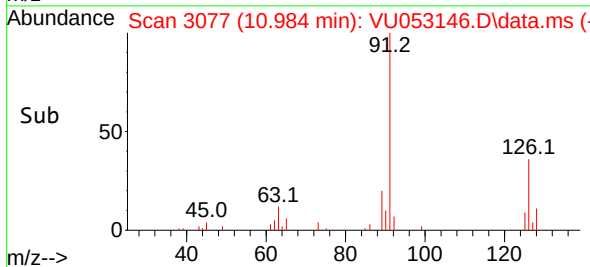
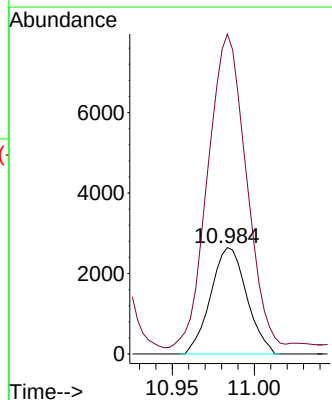
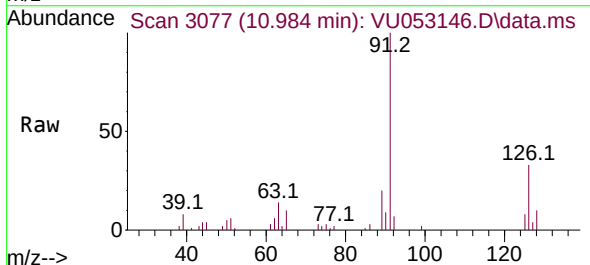
Manual Integrations
APPROVED

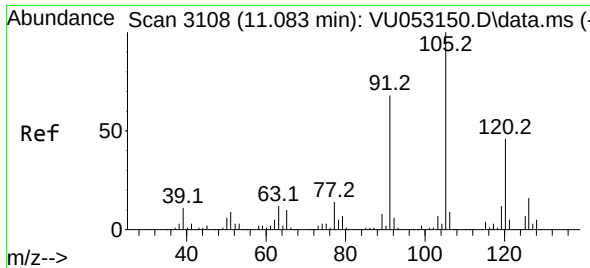
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
2-Chlorotoluene
Concen: 0.506 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:126 Resp: 4021
Ion Ratio Lower Upper
126 100
91 315.1 0.0 658.6





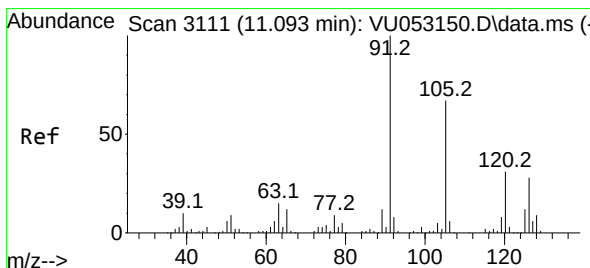
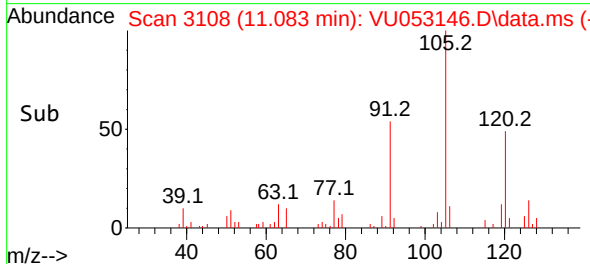
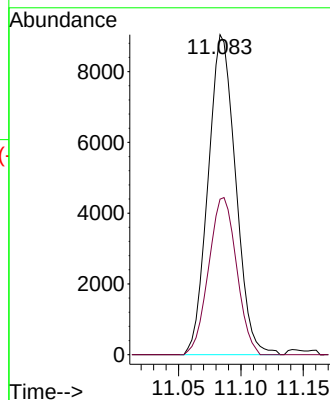
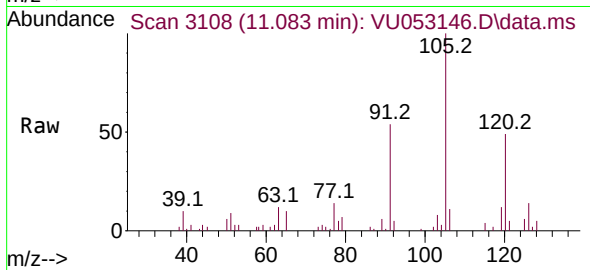
#75
1,3,5-Trimethylbenzene
Concen: 0.462 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1390
Ion Ratio Lower Upper
105 100
120 49.7 36.5 54.7

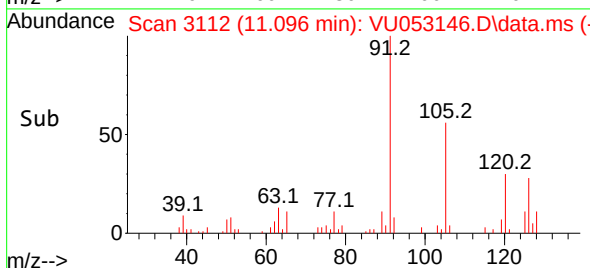
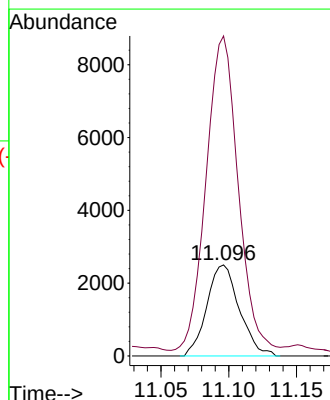
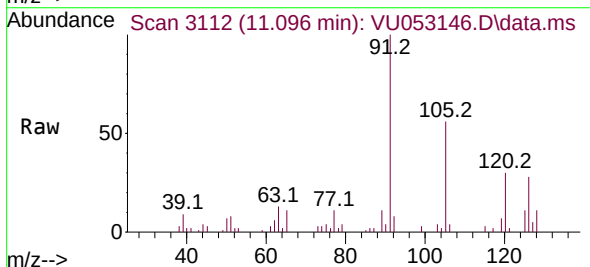
Manual Integrations
APPROVED

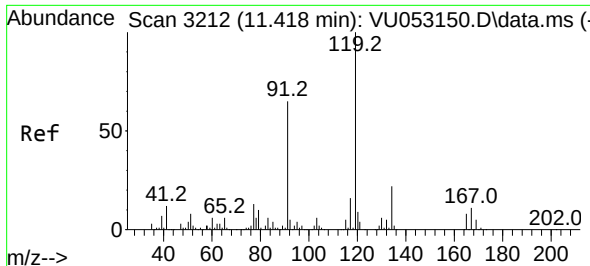
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
4-Chlorotoluene
Concen: 0.499 ug/l
RT: 11.096 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

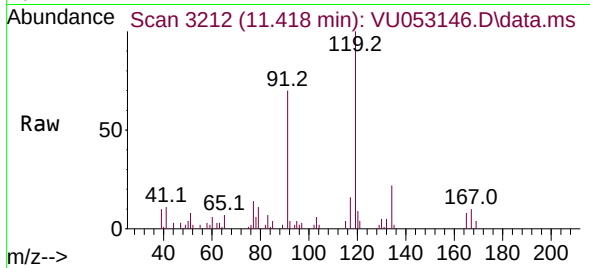
Tgt Ion:126 Resp: 4169
Ion Ratio Lower Upper
126 100
91 338.5 0.0 760.6





#77
tert-Butylbenzene
Concen: 0.482 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

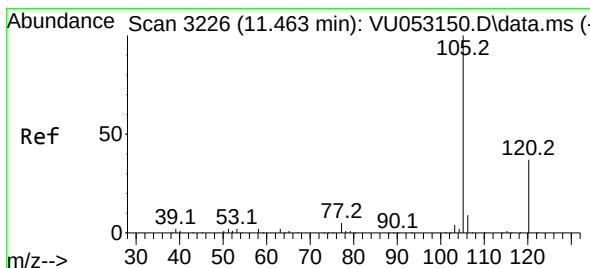
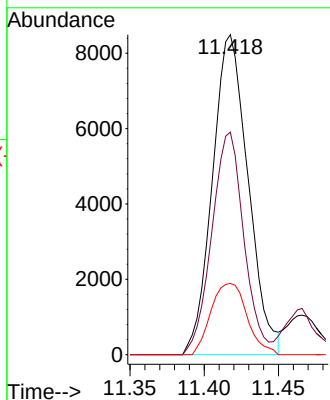
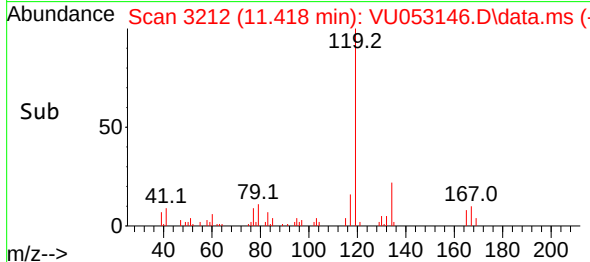
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



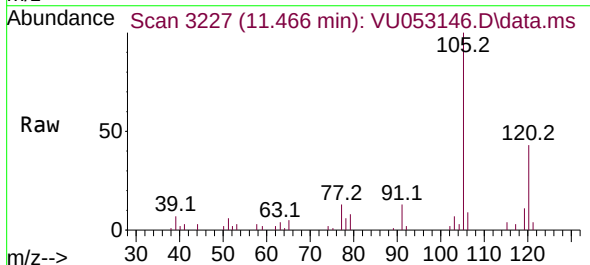
Tgt Ion:119 Resp: 14209
Ion Ratio Lower Upper
119 100
91 62.4 31.9 95.7
134 22.5 17.4 26.0

Manual Integrations
APPROVED

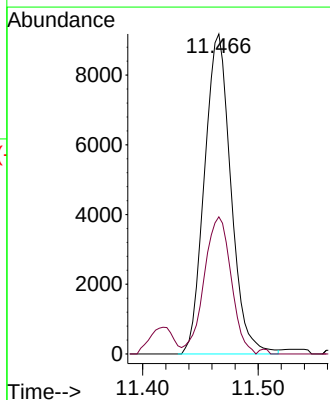
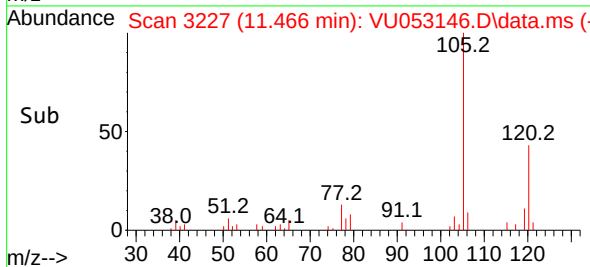
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

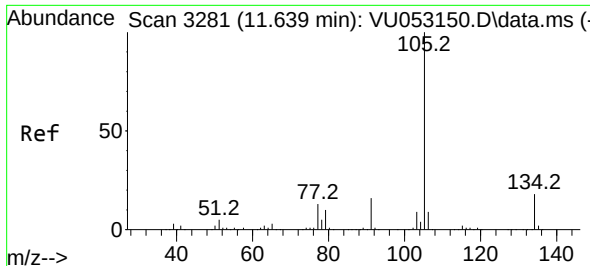


#78
1,2,4-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



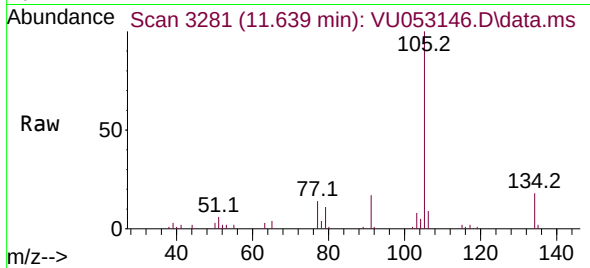
Tgt Ion:105 Resp: 14591
Ion Ratio Lower Upper
105 100
120 43.7 21.1 63.1





#79
 sec-Butylbenzene
 Concen: 0.462 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38

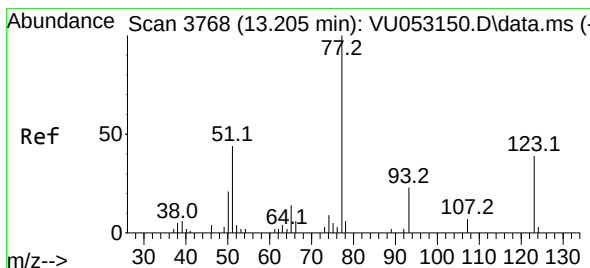
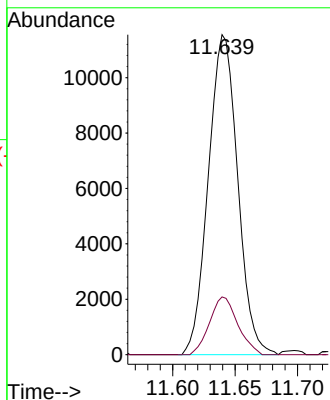
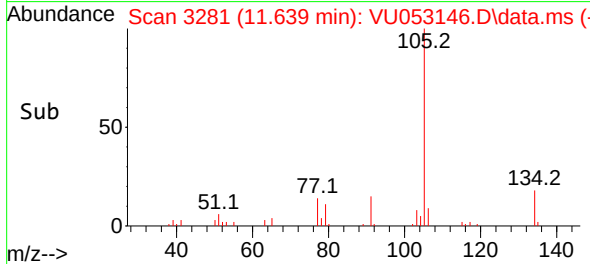
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



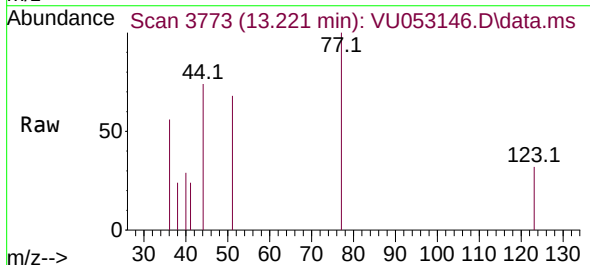
Tgt Ion:105 Resp: 18934
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.4 21.6

Manual Integrations
 APPROVED

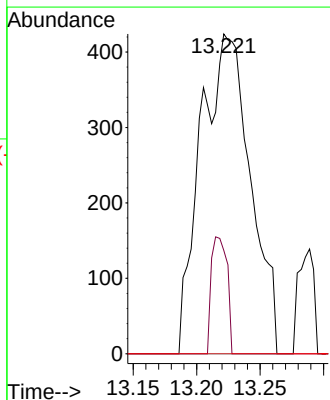
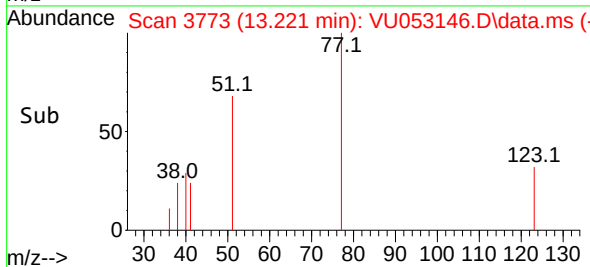
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

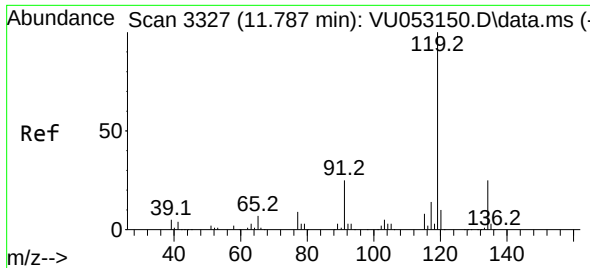


#80
 Nitrobenzene
 Concen: 3.045 ug/l m
 RT: 13.221 min Scan# 3773
 Delta R.T. 0.016 min
 Lab File: VU053146.D
 Acq: 27 Feb 2023 09:38



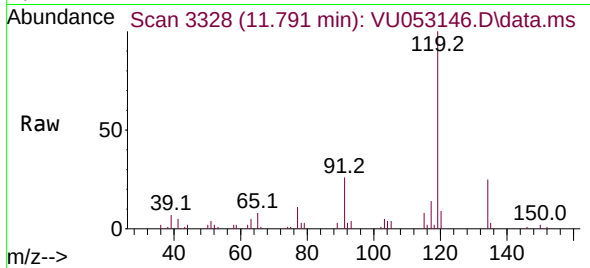
Tgt Ion: 77 Resp: 1159
 Ion Ratio Lower Upper
 77 100
 123 0.0 17.0 60.2#
 65 0.0 12.9 16.5#





#81
p-Isopropyltoluene
Concen: 0.464 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

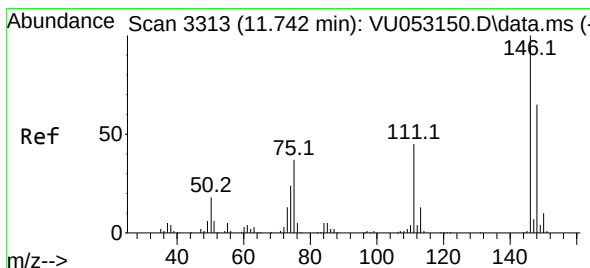
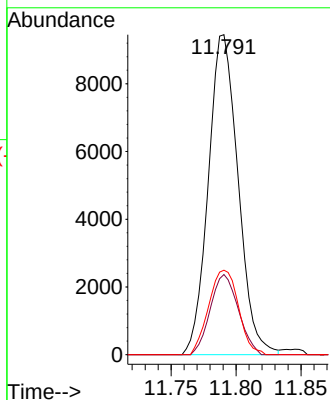
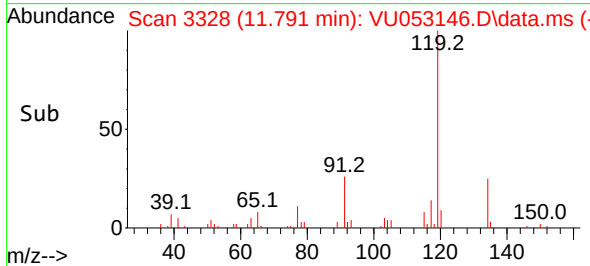
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



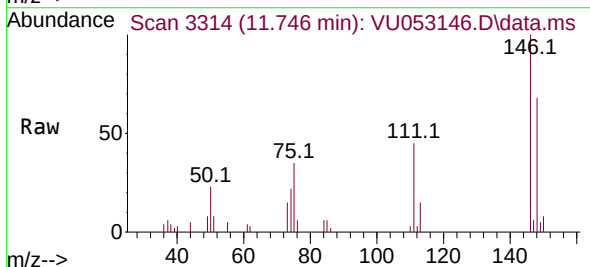
Tgt Ion:119 Resp: 15064
Ion Ratio Lower Upper
119 100
134 23.6 19.8 29.6
91 26.3 20.5 30.7

Manual Integrations
APPROVED

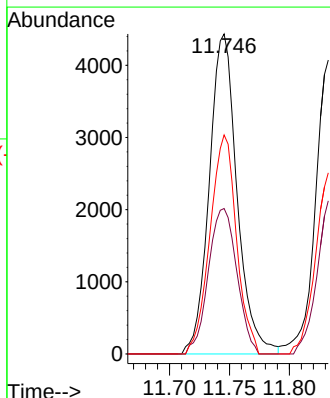
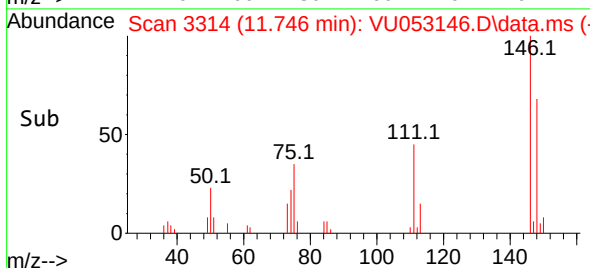
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

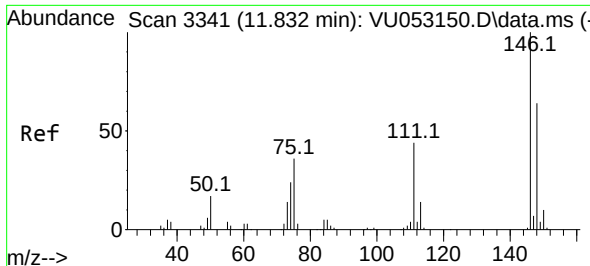


#82
1,3-Dichlorobenzene
Concen: 0.463 ug/l
RT: 11.746 min Scan# 3314
Delta R.T. 0.003 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



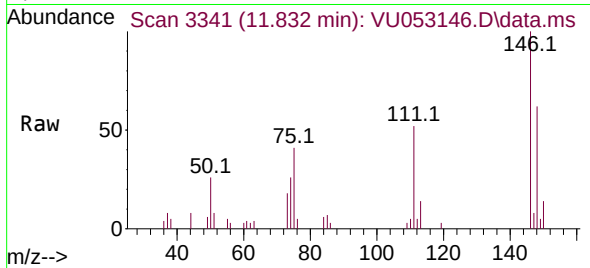
Tgt Ion:146 Resp: 7144
Ion Ratio Lower Upper
146 100
111 46.6 36.0 54.0
148 65.2 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 0.469 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

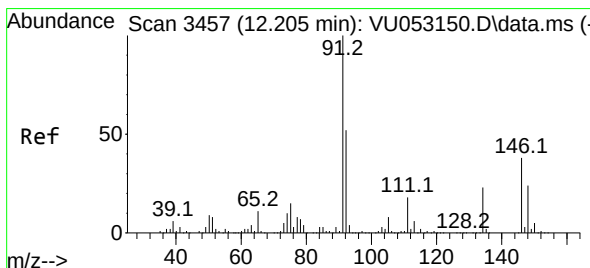
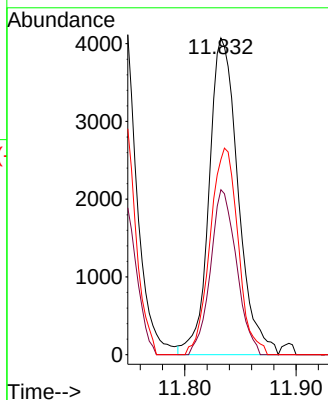
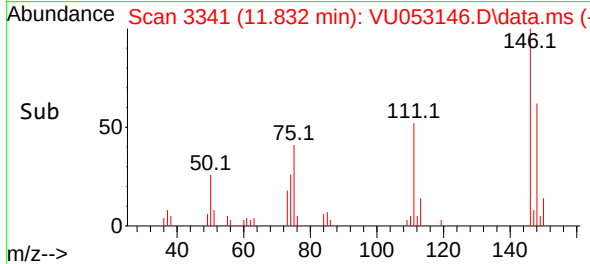
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



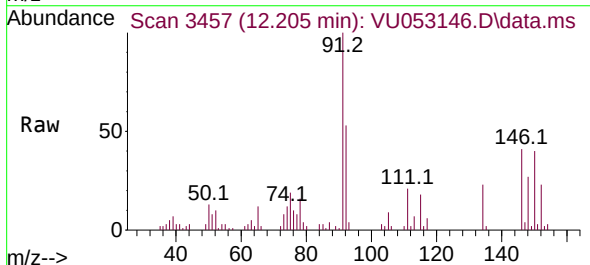
Tgt Ion:146 Resp: 7379
Ion Ratio Lower Upper
146 100
111 46.6 34.0 51.0
148 63.0 49.8 74.6

Manual Integrations
APPROVED

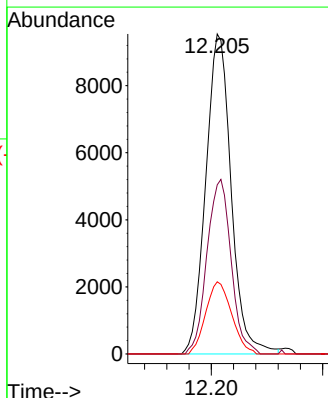
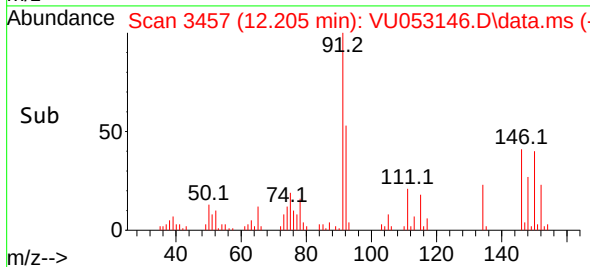
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

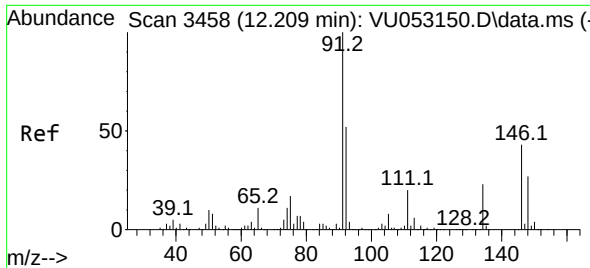


#84
n-Butylbenzene
Concen: 0.449 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



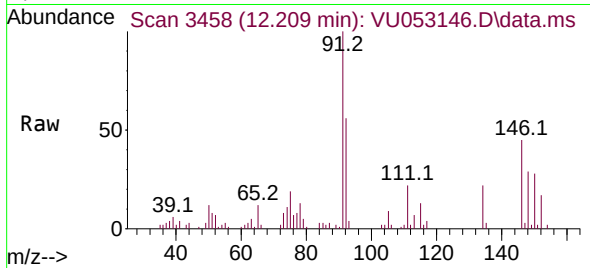
Tgt Ion: 91 Resp: 15086
Ion Ratio Lower Upper
91 100
92 51.9 41.8 62.6
134 23.0 17.9 26.9





#85
1,2-Dichlorobenzene
Concen: 0.477 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

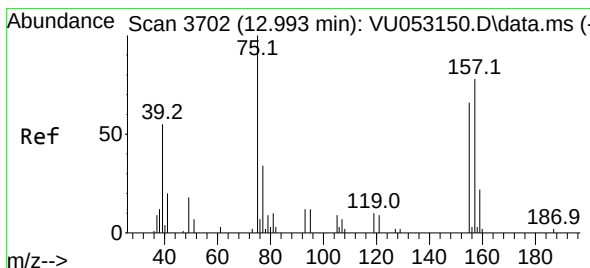
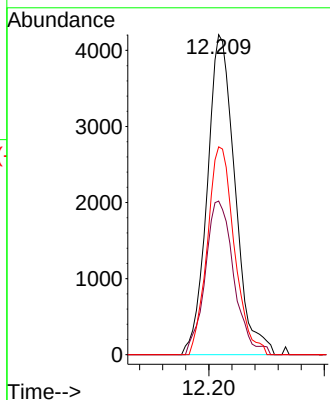
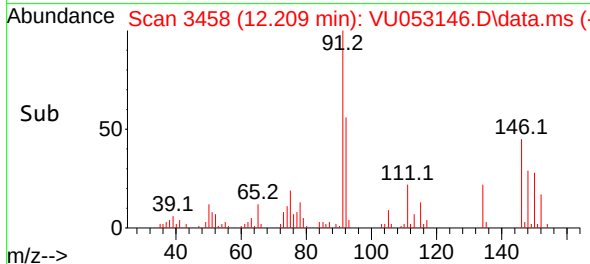
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5



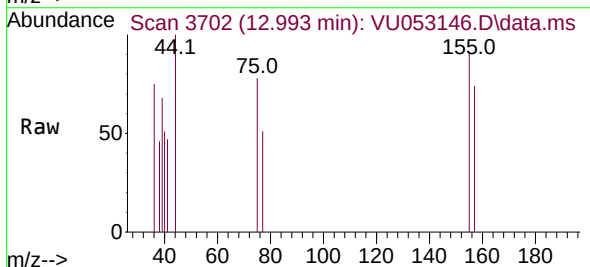
Tgt Ion:146 Resp: 7000
Ion Ratio Lower Upper
146 100
111 49.7 23.2 69.6
148 63.4 31.4 94.3

Manual Integrations
APPROVED

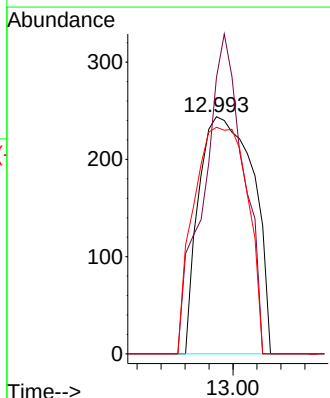
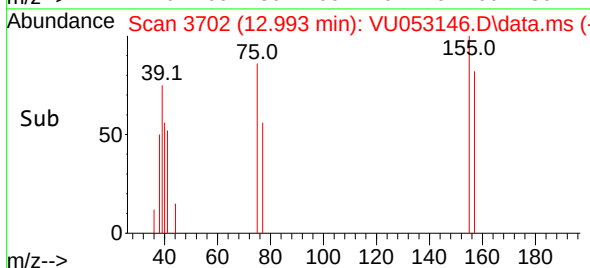
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

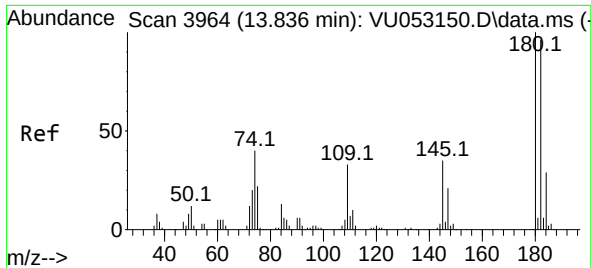


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38



Tgt Ion: 75 Resp: 384
Ion Ratio Lower Upper
75 100
155 99.0 53.4 80.0#
157 94.3 61.7 92.5#





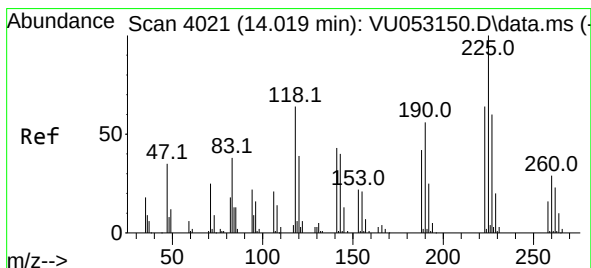
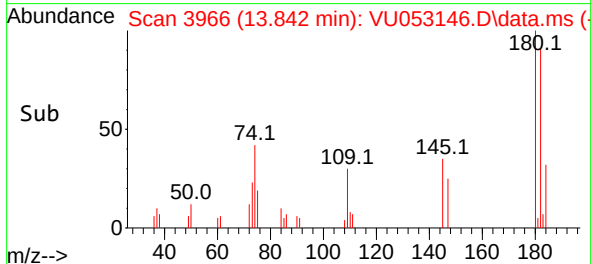
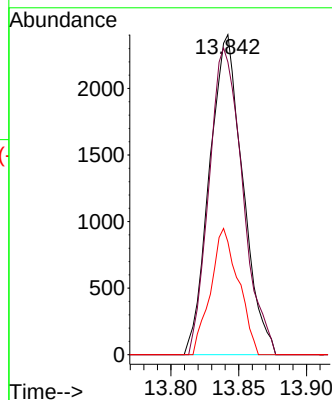
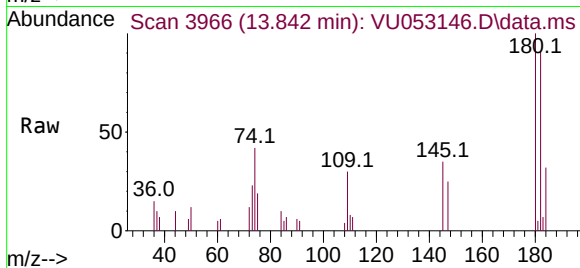
#87
1,2,4-Trichlorobenzene
Concen: 0.455 ug/l
RT: 13.842 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 4104
Ion Ratio Lower Upper
180 100
182 96.5 77.4 116.0
145 33.0 28.3 42.5

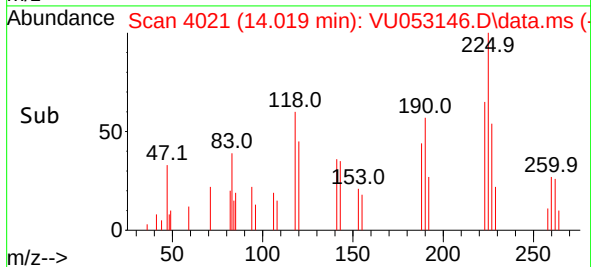
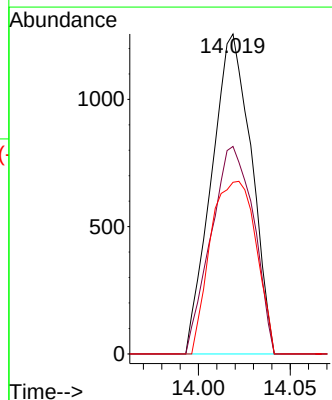
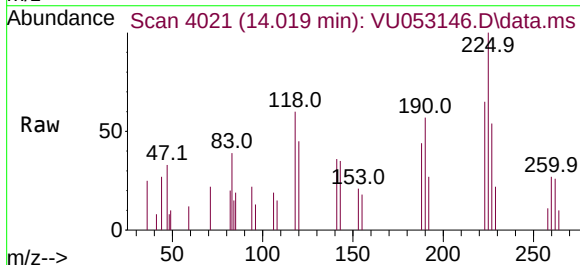
Manual Integrations
APPROVED

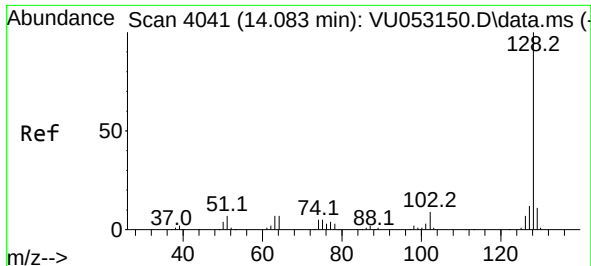
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#88
Hexachlorobutadiene
Concen: 0.431 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

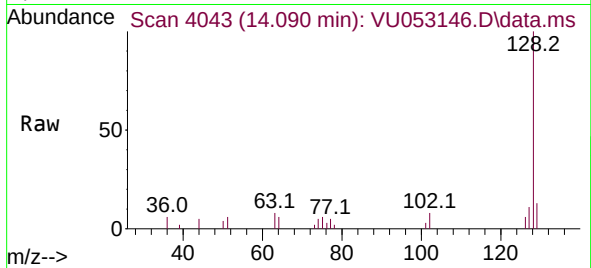
Tgt Ion:225 Resp: 1900
Ion Ratio Lower Upper
225 100
223 69.3 51.1 76.7
227 61.7 49.9 74.9





#89
Naphthalene
Concen: 0.485 ug/l
RT: 14.090 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

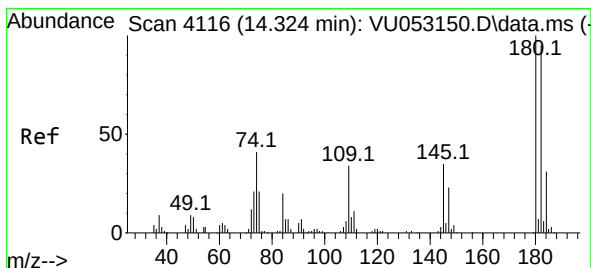
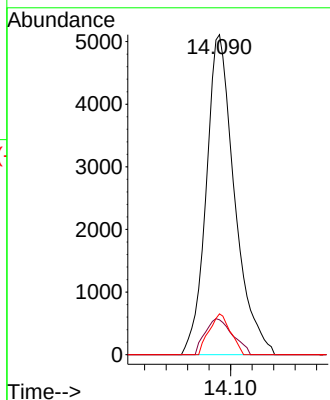
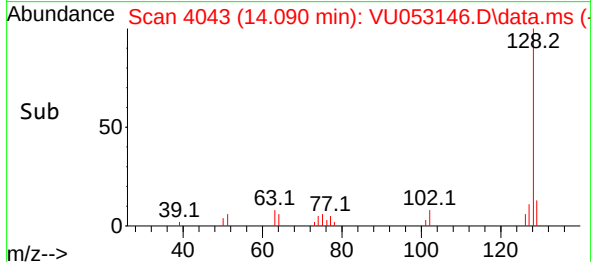
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:128 Resp: 9348
Ion Ratio Lower Upper
128 100
127 11.0 9.9 14.9
129 9.6 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: 0.441 ug/l
RT: 14.331 min Scan# 4118
Delta R.T. 0.006 min
Lab File: VU053146.D
Acq: 27 Feb 2023 09:38

Tgt Ion:180 Resp: 3499
Ion Ratio Lower Upper
180 100
182 97.1 76.6 115.0
145 37.0 29.0 43.6

