

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063231.D
 Acq On : 11 Feb 2025 12:31
 Operator : MD/SY
 Sample : VU0211WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0211WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 03:17:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	54780	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	18663	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	18049	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	33113	1.860	ug/l	98
3) Chloromethane	1.515	50	37175	1.814	ug/l	97
4) Vinyl Chloride	1.599	62	38868	1.917	ug/l	100
5) Bromomethane	1.846	94	21592	2.179	ug/l	93
6) Chloroethane	1.923	64	22977	1.799	ug/l	96
7) Trichlorofluoromethane	2.129	101	46922	1.953	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	26150	1.917	ug/l	99
9) 1,1-Dichloroethene	2.570	96	26901	1.936	ug/l	98
10) Iodomethane	2.711	142	40470	1.852	ug/l	100
11) Allyl Chloride	2.914	41	35836	1.795	ug/l	93
12) Acrylonitrile	3.322	53	11247	3.509	ug/l	97
13) Acetone	2.624	43	21459	8.706	ug/l	97
14) Carbon Disulfide	2.782	76	91922	1.892	ug/l	99
15) Methylene Chloride	3.033	84	32676	1.903	ug/l	95
16) trans-1,2-Dichloroethene	3.341	96	29942	1.888	ug/l	97
17) 1,1-Dichloroethane	3.856	63	56108	1.877	ug/l	99
18) 2-Butanone	4.711	43	34023	8.673	ug/l	97
19) Cyclohexane	5.377	56	44912m	1.869	ug/l	
20) Methylcyclohexane	6.750	83	44579	1.871	ug/l	98
21) 2,2-Dichloropropane	4.650	77	44541	1.910	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	32128	1.875	ug/l	97
23) Diethyl Ether	2.367	59	21752	1.824	ug/l	99
24) tert-Butyl Alcohol	3.184	59	20987	11.463	ug/l #	87
25) Methyl tert-Butyl Ether	3.351	73	64764	1.866	ug/l	100
26) Bromochloromethane	4.962	128	14122	1.885	ug/l	98
27) Chloroform	5.074	83	57379	1.902	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	47038	1.925	ug/l	99
29) 1,1-Dichloropropene	5.515	75	41492	1.895	ug/l	99
30) Carbon Tetrachloride	5.512	117	39937	1.905	ug/l	93
31) Isopropyl Ether	3.978	45	78534	1.840	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	71285	1.836	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	64175	1.892	ug/l	99
34) Propionitrile	4.782	54	10345	8.743	ug/l #	89
35) Benzene	5.762	78	127531	1.895	ug/l	99
36) 1,2-Dichloroethane	5.785	62	35880	1.847	ug/l	98
37) Trichloroethene	6.534	130	31454	1.965	ug/l	95
38) 1,2-Dichloropropane	6.778	63	33332	1.892	ug/l	98
39) Methacrylonitrile	4.975	41	7882	1.788	ug/l	93
40) Methyl acrylate	4.856	55	14998m	1.846	ug/l	
41) Tetrahydrofuran	5.052	42	9149	3.568	ug/l	94
42) 1-Chlorobutane	5.447	56	54703	1.826	ug/l	98
43) Dibromomethane	6.907	93	16512	1.851	ug/l	98
44) Bromodichloromethane	7.094	83	40544	1.953	ug/l	100

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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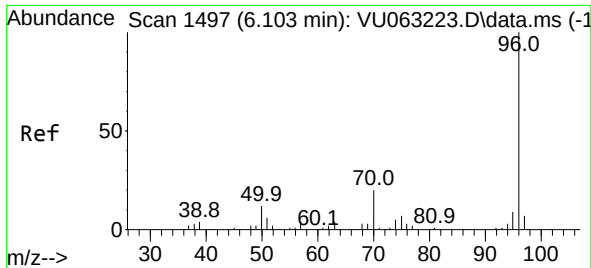
Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 03:17:39 2025
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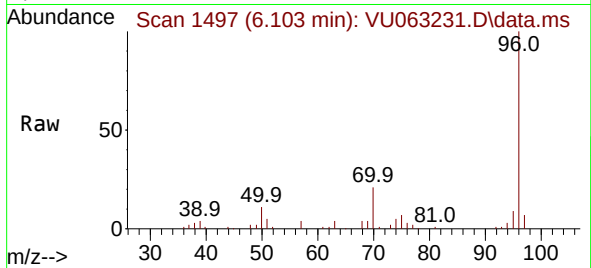
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	84721	9.059	ug/l	98
46) t-1,4-Dichloro-2-butene	10.823	75	15342m	3.490	ug/l	
47) Methyl methacrylate	6.955	69	27905	3.714	ug/l	99
48) Ethyl methacrylate	8.328	69	26666	1.890	ug/l	97
49) Toluene	7.958	92	73665	1.903	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	35883	1.888	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	44229	1.884	ug/l	99
52) 1,1,2-Trichloroethane	8.389	97	22475	1.869	ug/l	95
53) 1,3-Dichloropropane	8.566	76	39762	1.862	ug/l	99
54) 2-Hexanone	8.679	43	55875	8.755	ug/l	96
55) Dibromochloromethane	8.798	129	25680	1.856	ug/l	96
56) 1,2-Dibromoethane	8.913	107	21428	1.899	ug/l	99
58) Tetrachloroethene	8.544	164	26480	2.007	ug/l	99
59) Chlorobenzene	9.438	112	78809	1.929	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	27412	1.867	ug/l	98
61) Pentachloroethane	11.415	117	23456	1.788	ug/l	98
62) Hexachloroethane	12.463	117	20644	1.779	ug/l	100
63) Ethyl Benzene	9.560	91	129864	1.843	ug/l	98
64) m/p-Xylenes	9.685	106	97083	3.689	ug/l	97
65) o-Xylene	10.090	106	47893	1.859	ug/l	99
66) Styrene	10.106	104	74164	1.809	ug/l	98
67) Bromoform	10.280	173	14362	1.829	ug/l	99
69) Isopropylbenzene	10.473	105	113031	1.866	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	30438	1.878	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	22418m	1.841	ug/l	
72) Bromobenzene	10.775	156	31774	1.947	ug/l	87
73) n-propylbenzene	10.894	120	32378	1.867	ug/l	97
74) 2-Chlorotoluene	10.978	126	30928	1.935	ug/l	97
75) 1,3,5-Trimethylbenzene	11.077	105	105240	1.875	ug/l	99
76) 4-Chlorotoluene	11.090	126	31460	1.920	ug/l	98
77) tert-Butylbenzene	11.408	119	105468	1.858	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	100273	1.801	ug/l	99
79) sec-Butylbenzene	11.634	105	137558	1.904	ug/l	99
80) Nitrobenzene	13.219	77	3153m	9.901	ug/l	
81) p-Isopropyltoluene	11.781	119	105707	1.854	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	59568	1.882	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	57308	1.851	ug/l	96
84) n-Butylbenzene	12.199	91	94788	1.854	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	57519	1.891	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.987	75	4147	1.822	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	30065	2.027	ug/l	97
88) Hexachlorobutadiene	14.010	225	20647	1.948	ug/l	97
89) Naphthalene	14.084	128	46812	2.069	ug/l	97
90) 1,2,3-Trichlorobenzene	14.322	180	28334	1.952	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

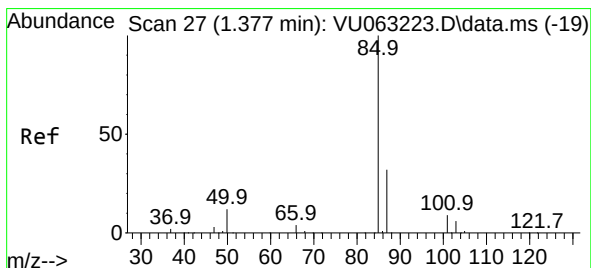
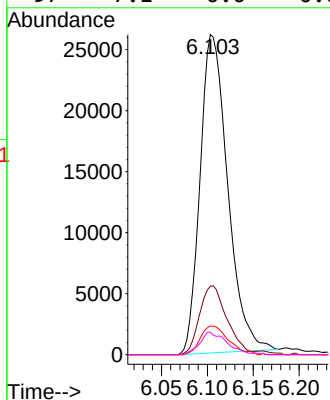
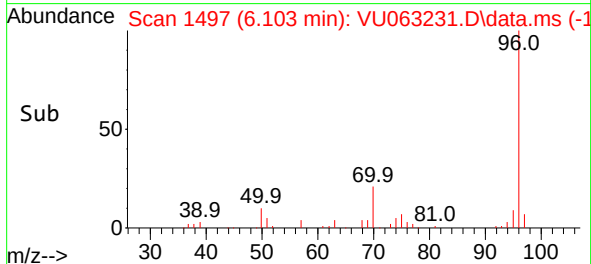
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



Tgt Ion: 96 Resp: 54780
Ion Ratio Lower Upper
96 100
70 20.2 15.6 23.4
95 9.1 7.3 10.9
97 7.1 0.0 0.0#

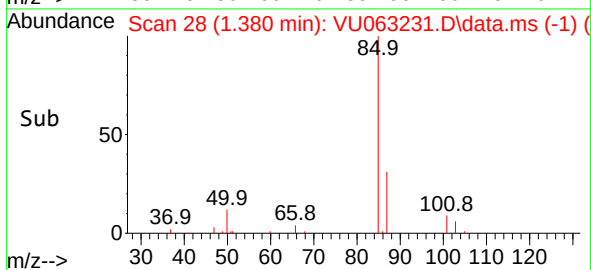
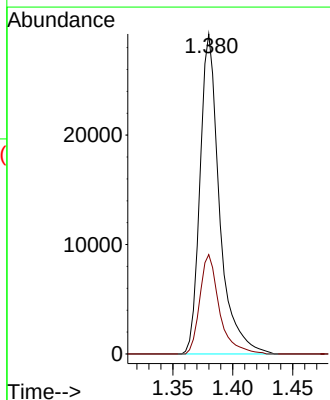
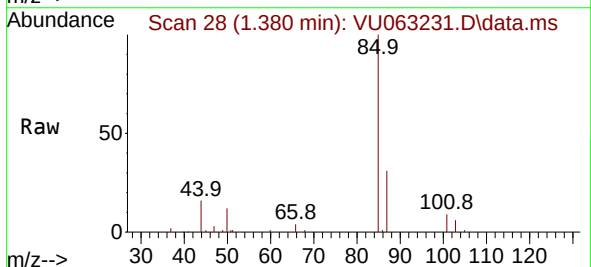
Manual Integrations
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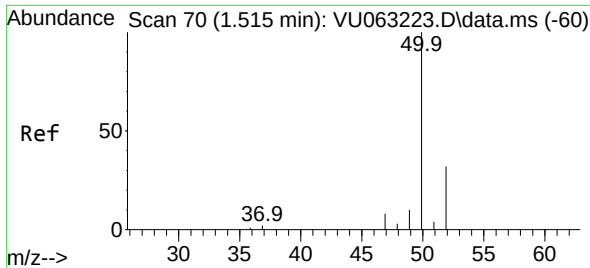
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 1.860 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

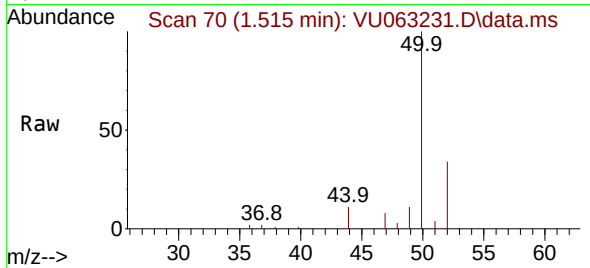
Tgt Ion: 85 Resp: 33113
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3
Chloromethane
Concen: 1.814 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

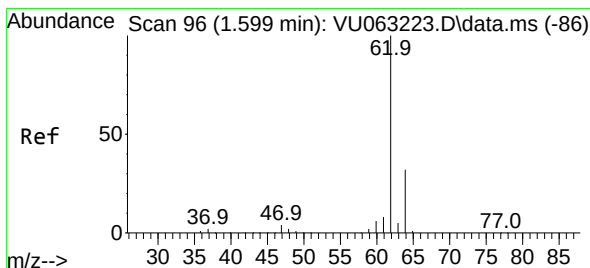
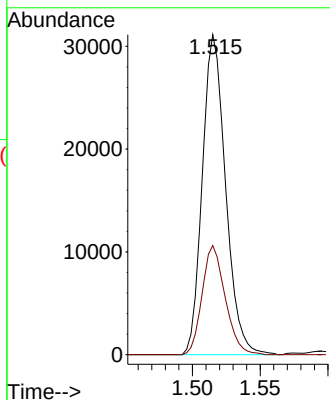
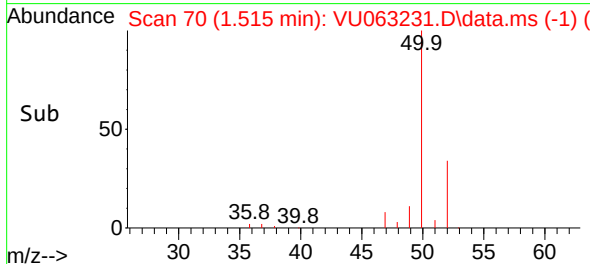
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



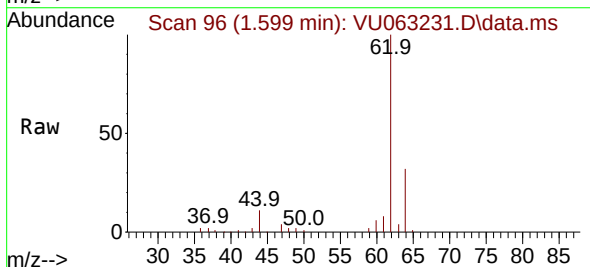
Tgt Ion: 50 Resp: 3717
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8

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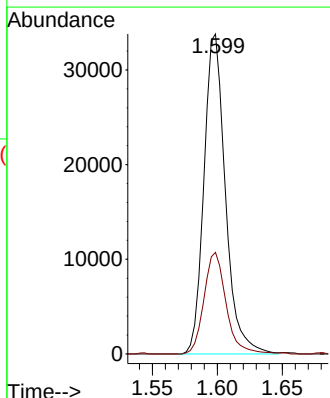
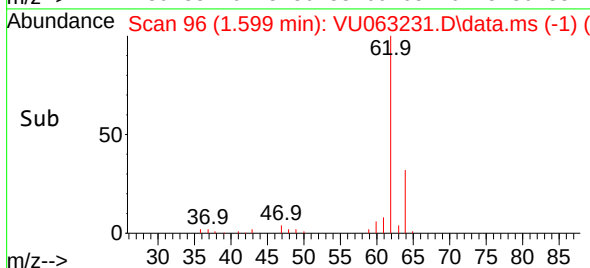
Reviewed By :Amit Patel 02/12/2025
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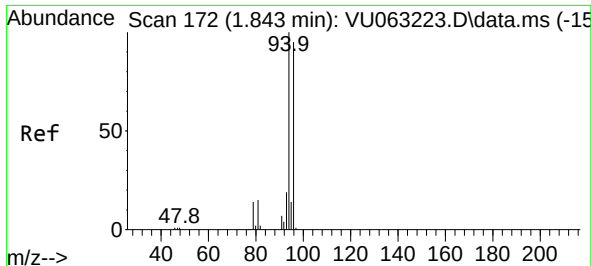


#4
Vinyl Chloride
Concen: 1.917 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



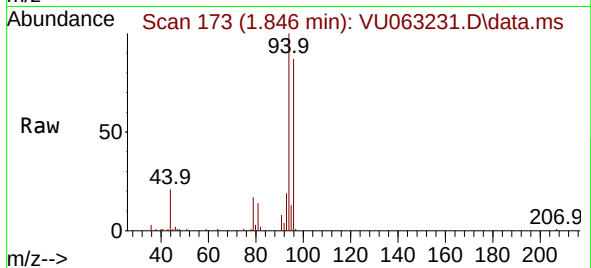
Tgt Ion: 62 Resp: 38868
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 2.179 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

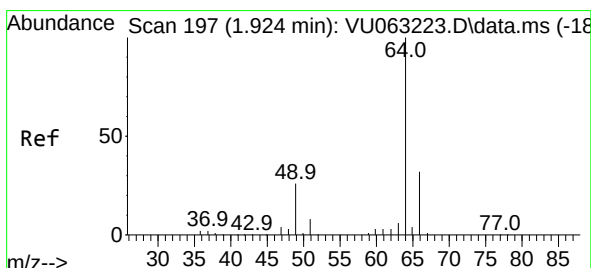
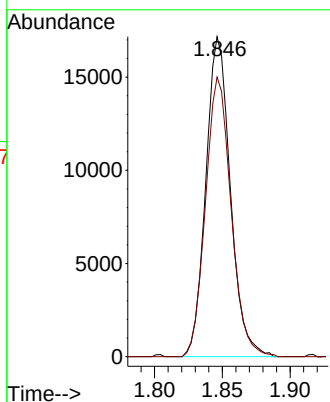
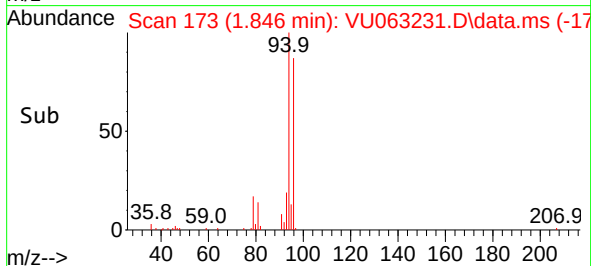
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



Tgt Ion: 94 Resp: 21592
Ion Ratio Lower Upper
94 100
96 87.4 75.7 113.5

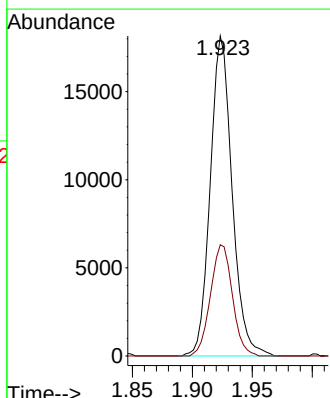
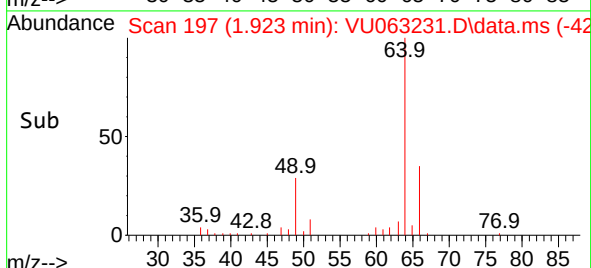
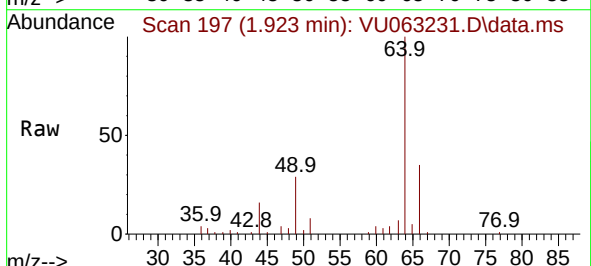
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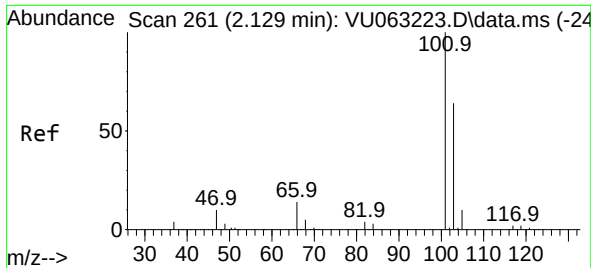
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 1.799 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 64 Resp: 22977
Ion Ratio Lower Upper
64 100
66 34.8 25.8 38.8





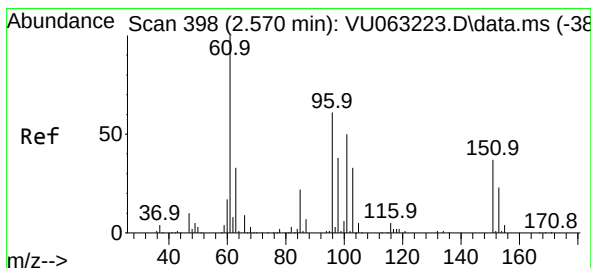
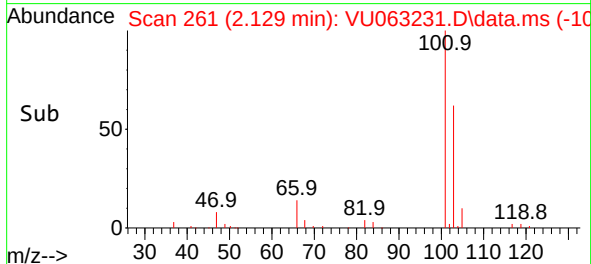
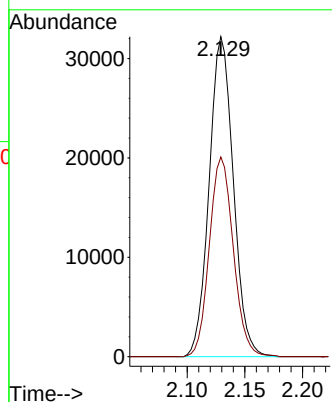
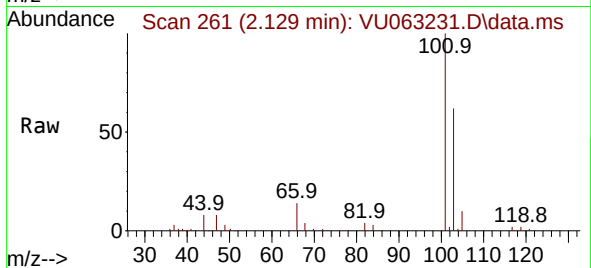
#7
 Trichlorofluoromethane
 Concen: 1.953 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0211WBSD01

Tgt Ion:101 Resp: 4692
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.2

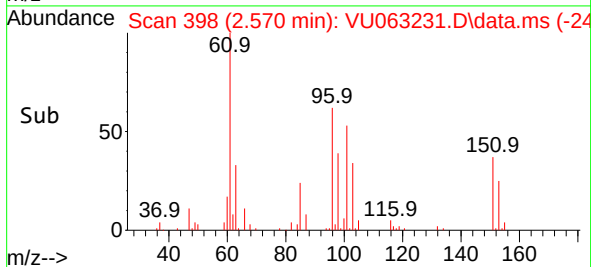
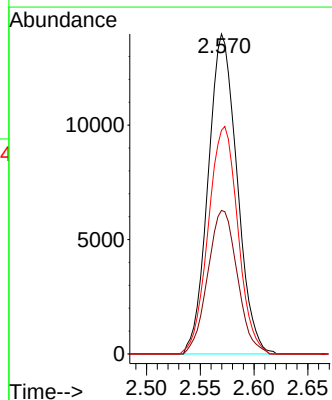
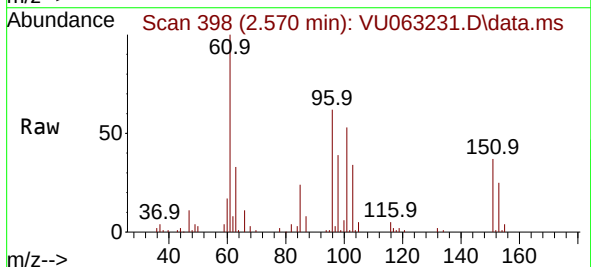
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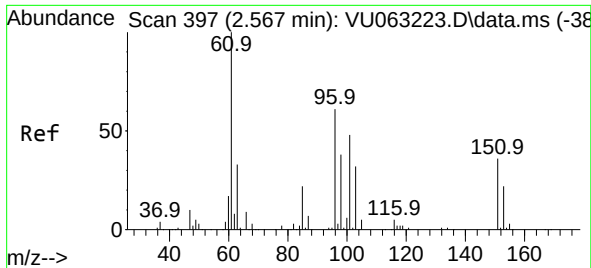
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.917 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Tgt Ion:101 Resp: 26150
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.4 53.0
 151 72.9 58.5 87.7





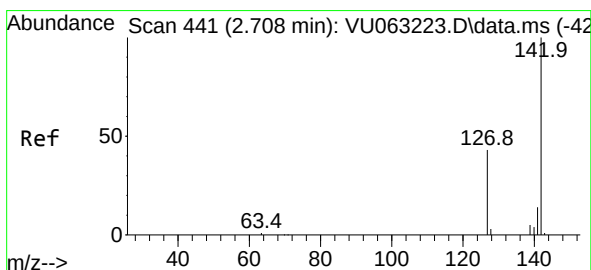
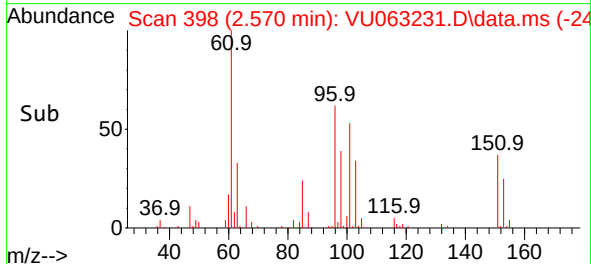
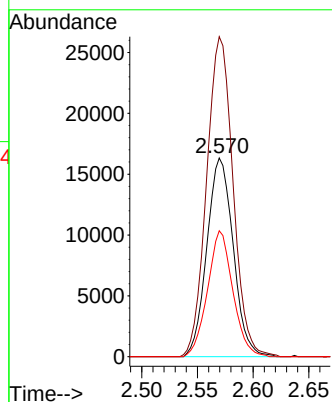
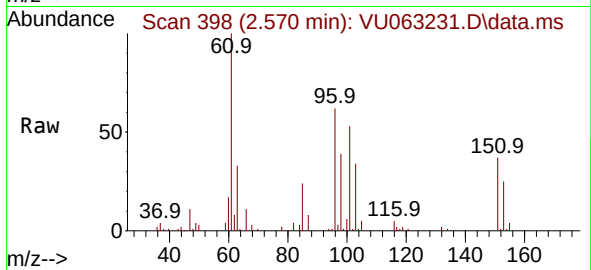
#9
1,1-Dichloroethene
Concen: 1.936 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 96 Resp: 2690
Ion Ratio Lower Upper
96 100
61 161.0 0.0 492.9
98 63.3 0.0 124.0

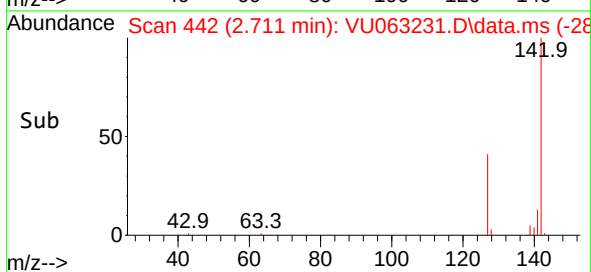
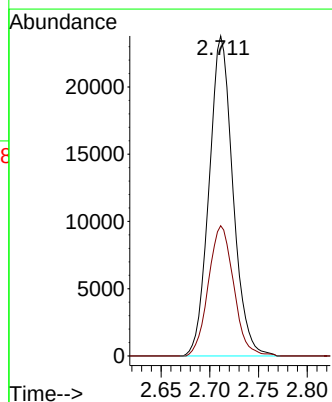
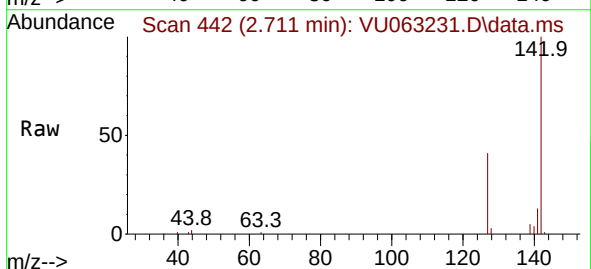
Manual Integrations
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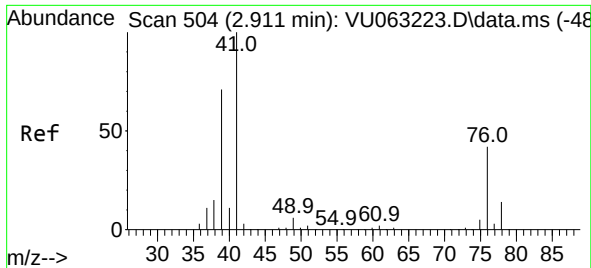
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 1.852 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

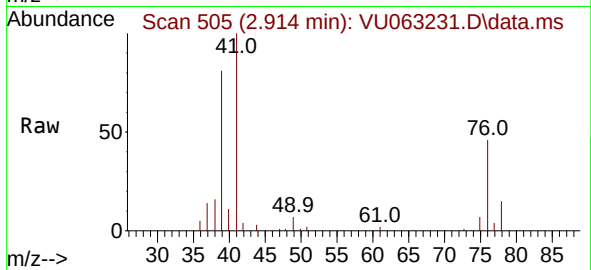
Tgt Ion:142 Resp: 40470
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7





#11
 Allyl Chloride
 Concen: 1.795 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

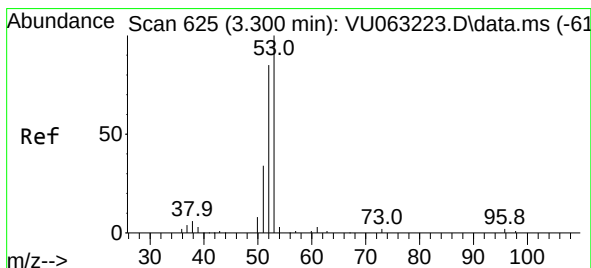
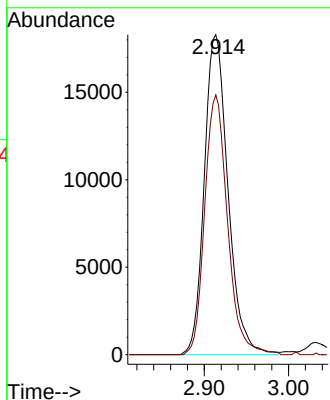
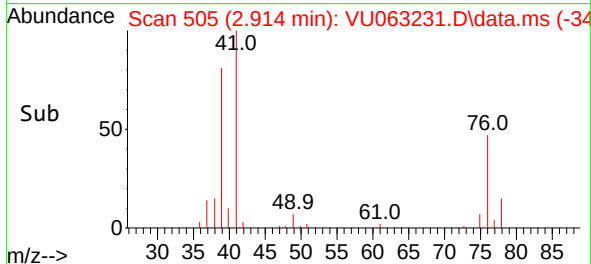
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0211WBSD01



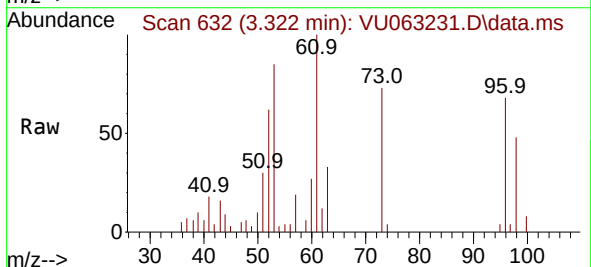
Tgt Ion: 41 Resp: 3583
 Ion Ratio Lower Upper
 41 100
 39 78.1 57.9 86.9

Manual Integrations
 APPROVED

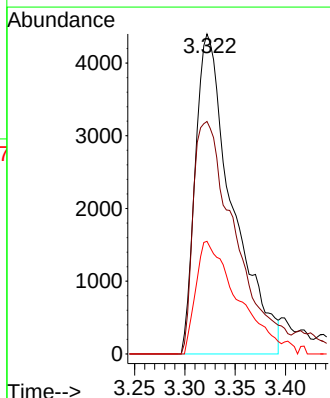
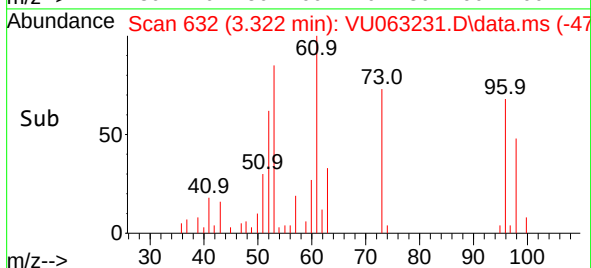
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

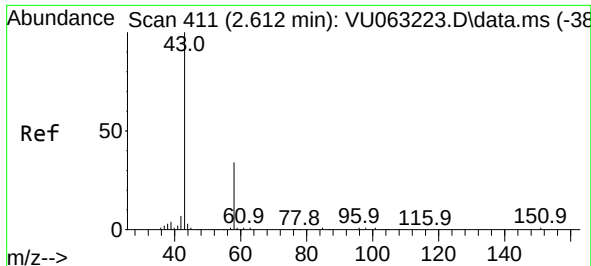


#12
 Acrylonitrile
 Concen: 3.509 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.022 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31



Tgt Ion: 53 Resp: 11247
 Ion Ratio Lower Upper
 53 100
 52 83.1 64.2 96.2
 51 39.8 30.8 46.2





#13

Acetone

Concen: 8.706 ug/l

RT: 2.624 min Scan# 411

Delta R.T. 0.013 min

Lab File: VU063231.D

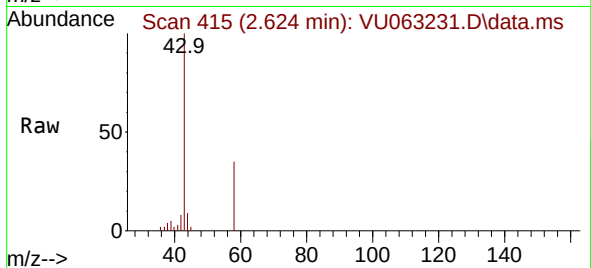
Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01



Tgt Ion: 43 Resp: 21459

Ion Ratio Lower Upper

43 100

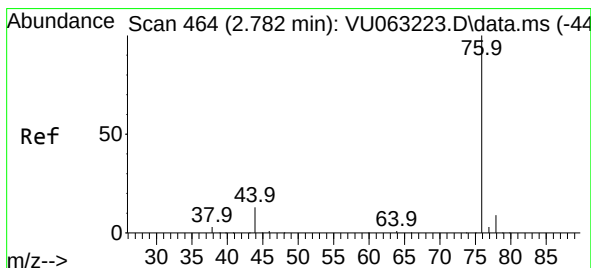
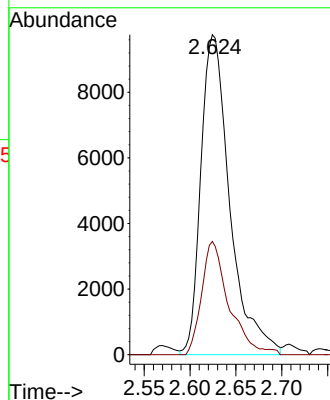
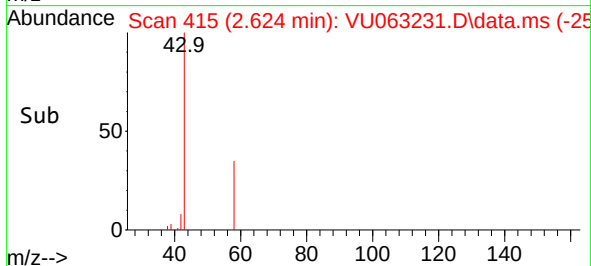
58 35.8 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#14

Carbon Disulfide

Concen: 1.892 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063231.D

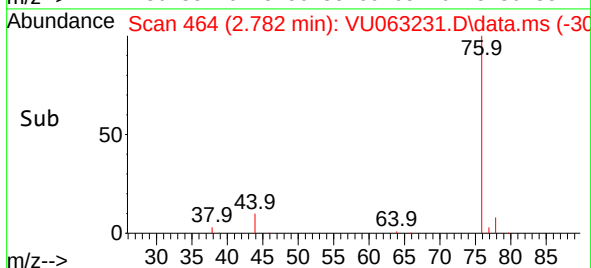
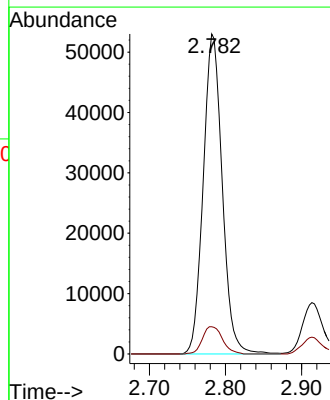
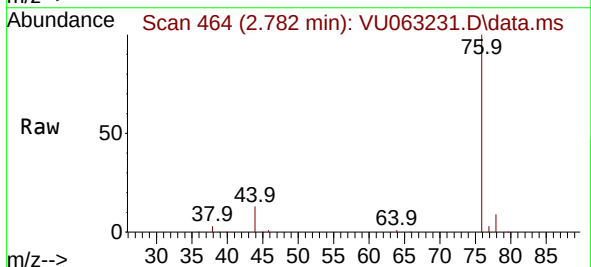
Acq: 11 Feb 2025 12:31

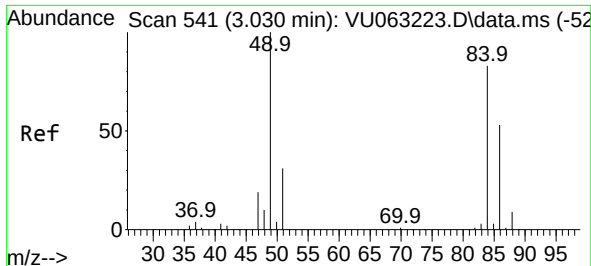
Tgt Ion: 76 Resp: 91922

Ion Ratio Lower Upper

76 100

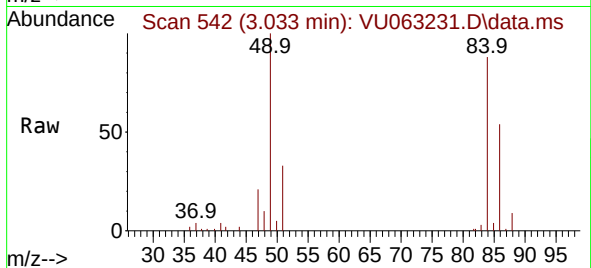
78 8.5 7.2 10.8





#15
Methylene Chloride
Concen: 1.903 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

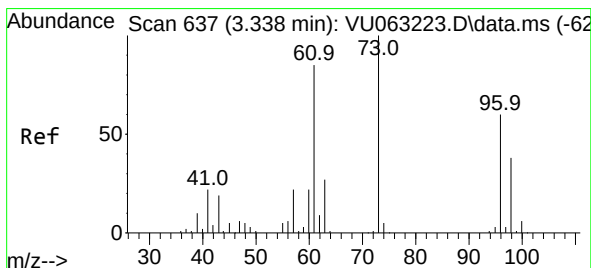
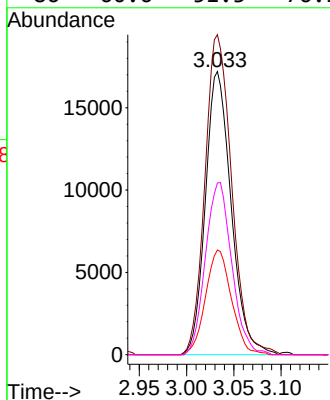
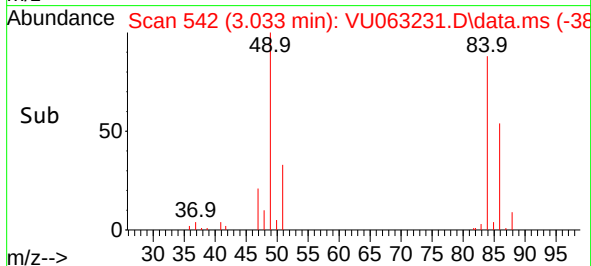
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



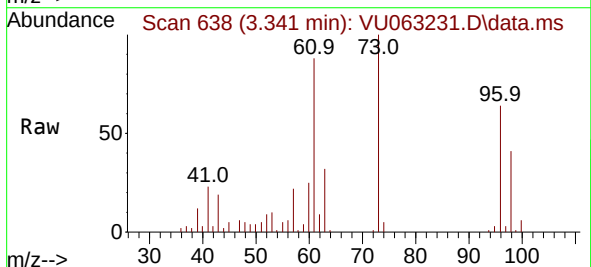
Tgt Ion: 84 Resp: 32670
Ion Ratio Lower Upper
84 100
49 113.0 96.4 144.6
51 36.9 0.0 74.8
86 60.6 51.3 76.9

Manual Integrations
APPROVED

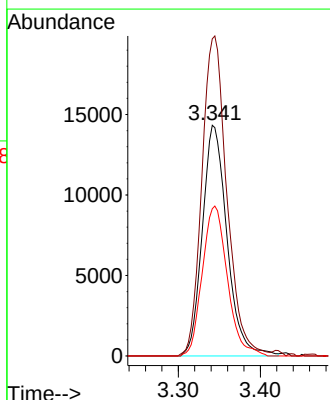
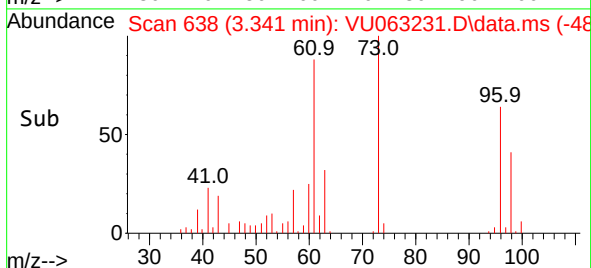
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

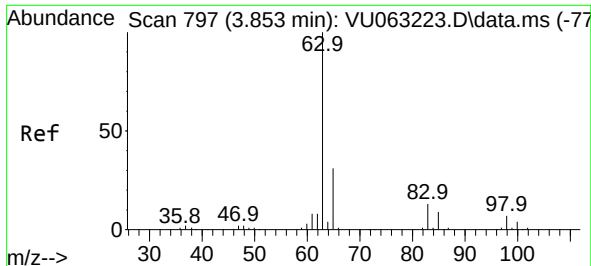


#16
trans-1,2-Dichloroethene
Concen: 1.888 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion: 96 Resp: 29942
Ion Ratio Lower Upper
96 100
61 137.5 113.4 170.2
98 63.8 51.2 76.8





#17

1,1-Dichloroethane

Concen: 1.877 ug/l

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

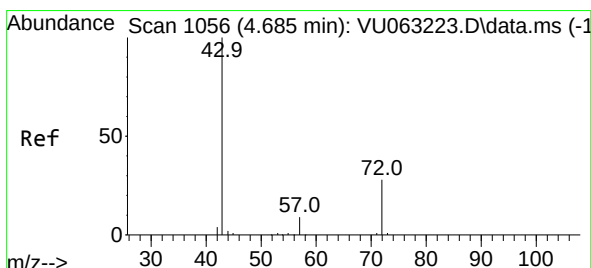
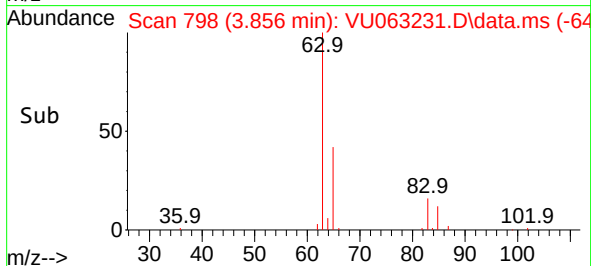
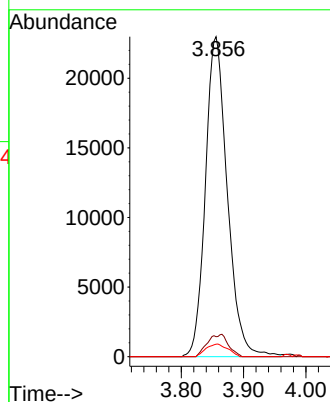
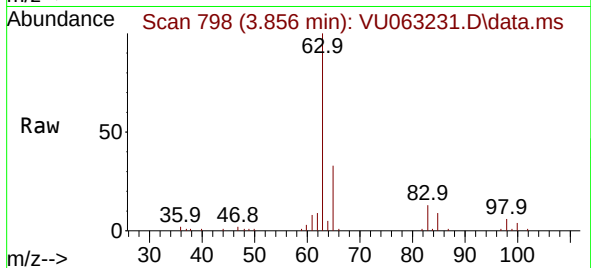
Tgt Ion:	63	Resp:	56108
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.3	9.9
100	3.9	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#18

2-Butanone

Concen: 8.673 ug/l

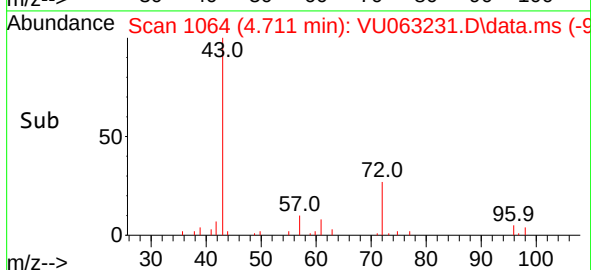
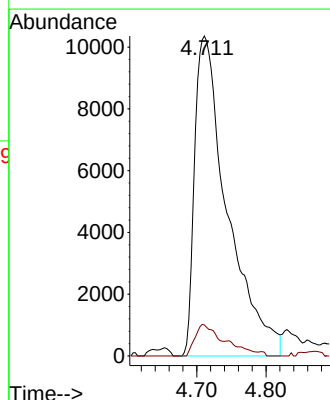
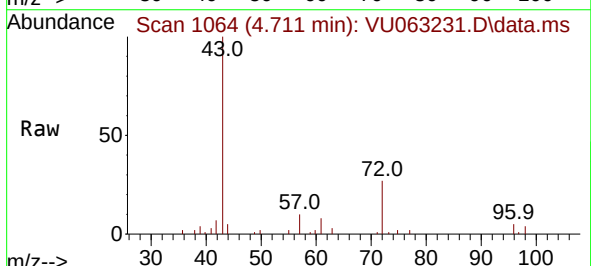
RT: 4.711 min Scan# 1064

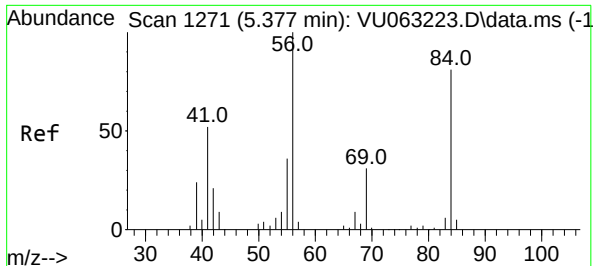
Delta R.T. 0.026 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion:	43	Resp:	34023
Ion Ratio	Lower	Upper	
43	100		
57	9.7	0.0	17.0





#19

Cyclohexane

Concen: 1.869 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 56 Resp: 4491

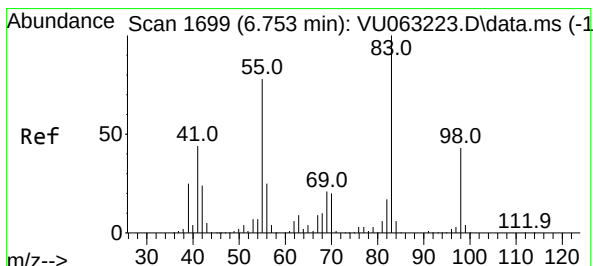
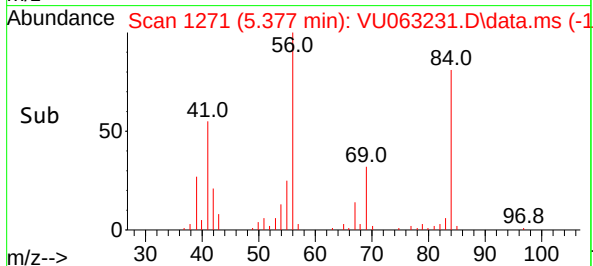
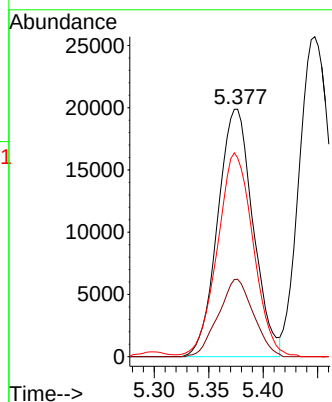
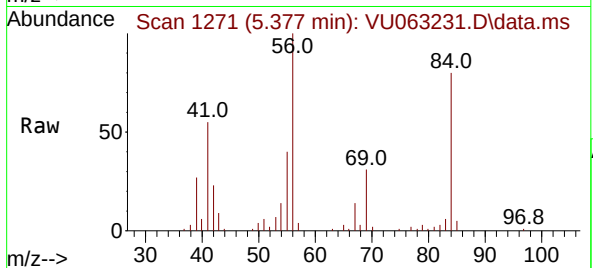
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	82.4	65.2	97.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#20

Methylcyclohexane

Concen: 1.871 ug/l

RT: 6.750 min Scan# 1698

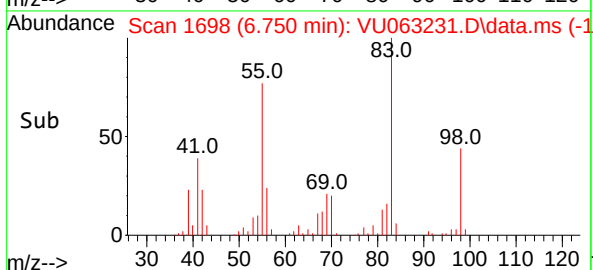
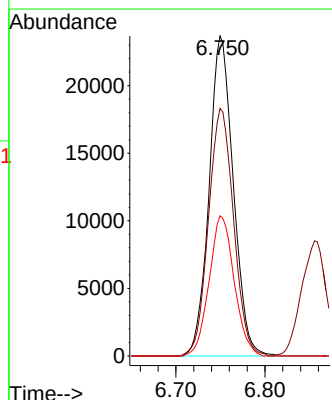
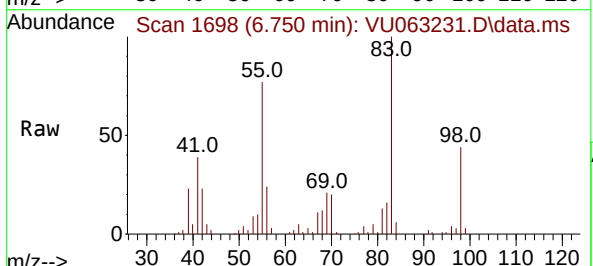
Delta R.T. -0.003 min

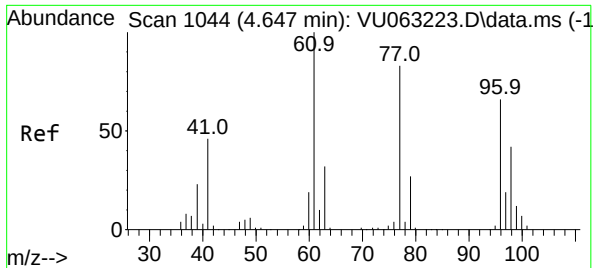
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 83 Resp: 44579

Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.1	94.7
98	45.4	35.2	52.8





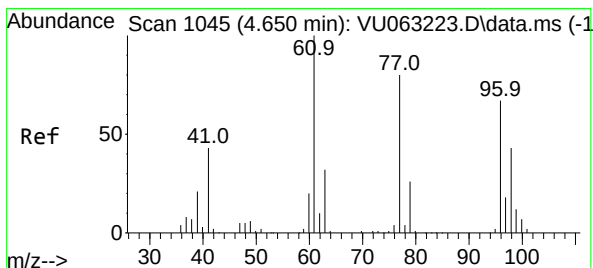
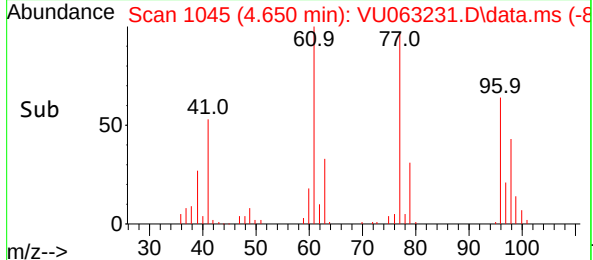
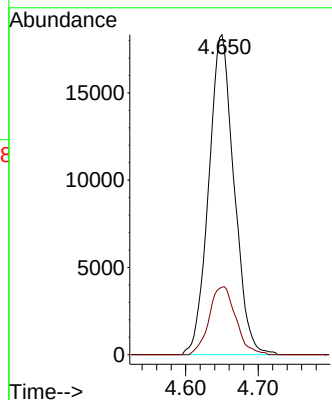
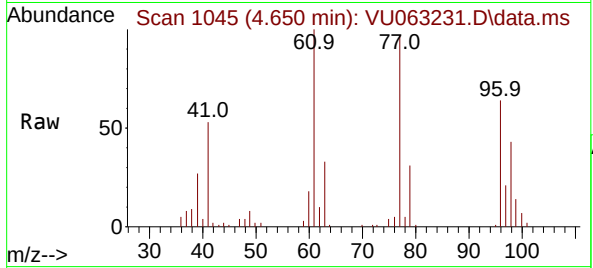
#21
2,2-Dichloropropane
Concen: 1.910 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 77 Resp: 4454
Ion Ratio Lower Upper
77 100
97 22.3 18.5 27.7

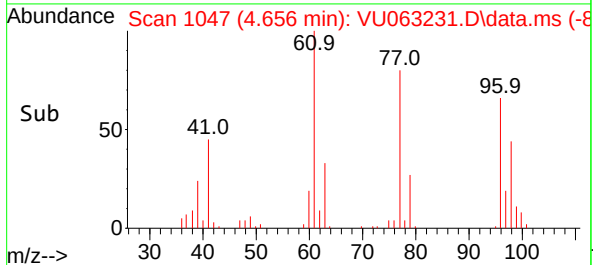
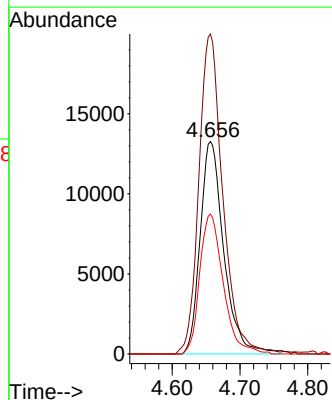
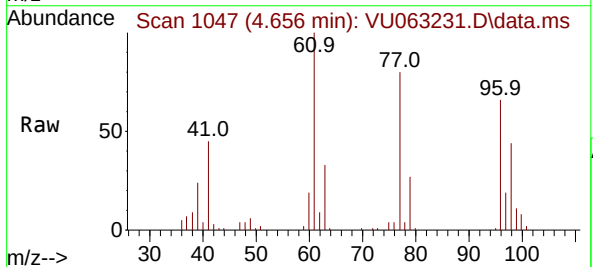
Manual Integrations
APPROVED

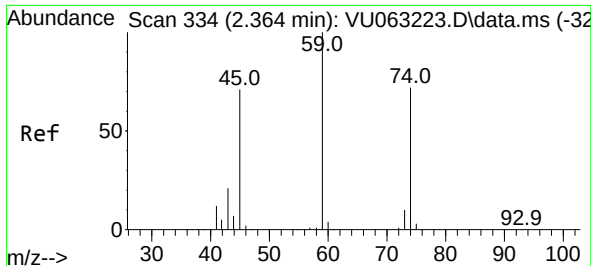
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 1.875 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

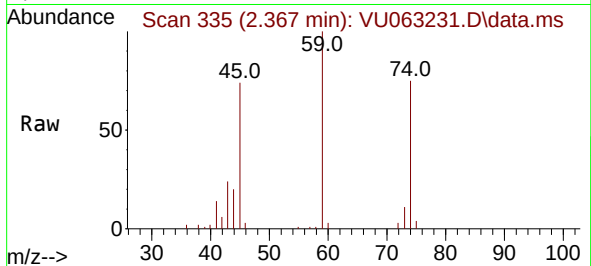
Tgt Ion: 96 Resp: 32128
Ion Ratio Lower Upper
96 100
61 153.4 0.0 373.3
98 65.5 31.9 95.9





#23
Diethyl Ether
Concen: 1.824 ug/l
RT: 2.367 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

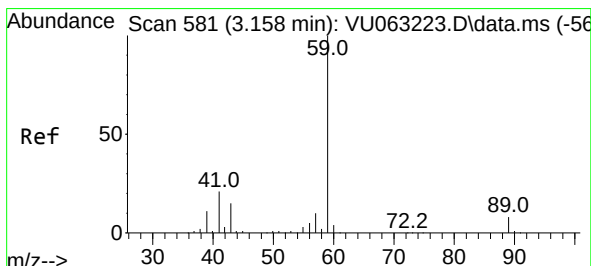
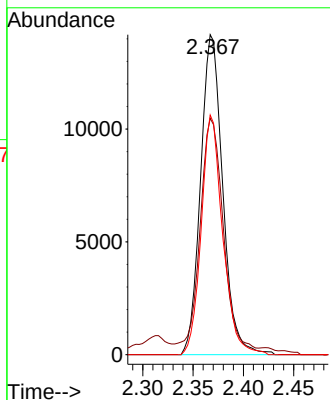
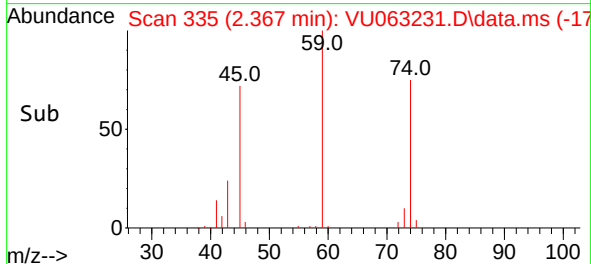
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



Tgt Ion: 59 Resp: 21752
Ion Ratio Lower Upper
59 100
45 73.4 57.8 86.6
74 72.7 57.7 86.5

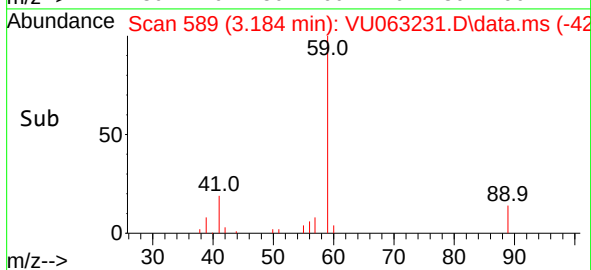
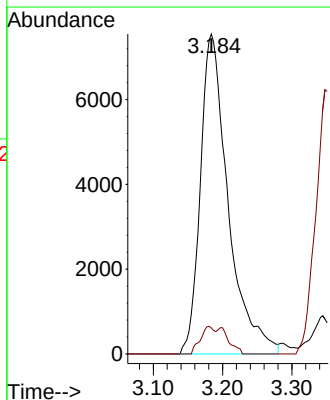
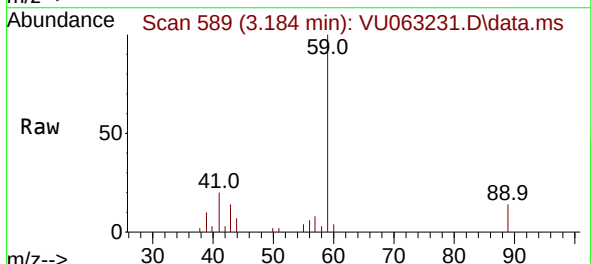
Manual Integrations
APPROVED

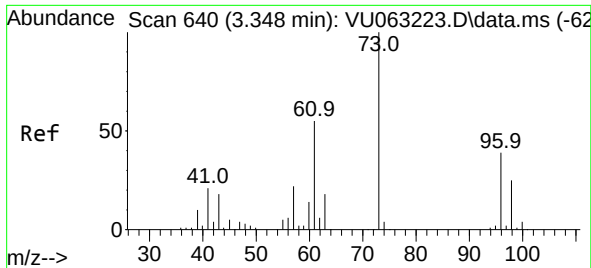
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 11.463 ug/l
RT: 3.184 min Scan# 589
Delta R.T. 0.026 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

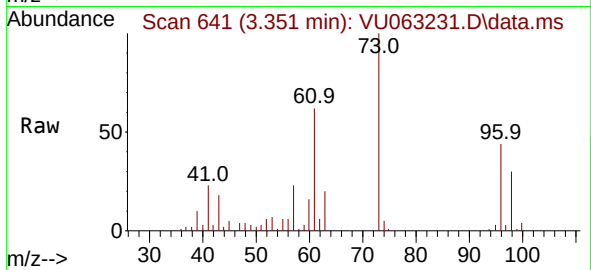
Tgt Ion: 59 Resp: 20987
Ion Ratio Lower Upper
59 100
57 4.5 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 1.866 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

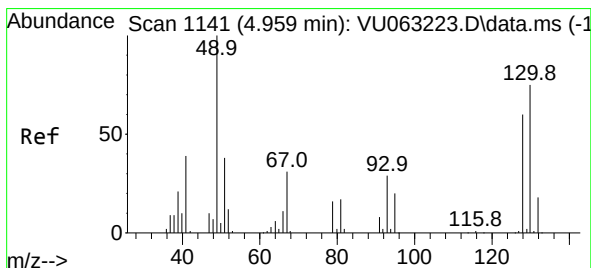
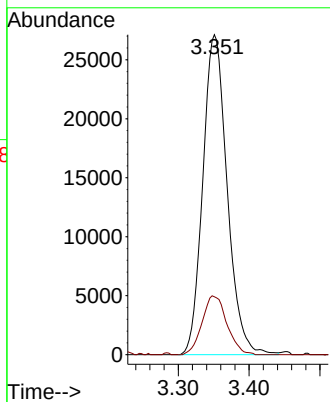
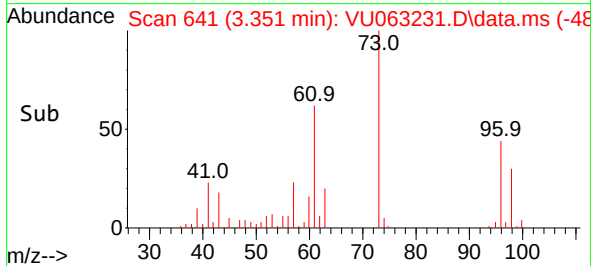
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



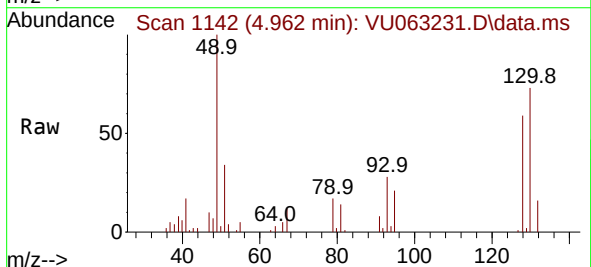
Tgt Ion: 73 Resp: 64764
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3

Manual Integrations
APPROVED

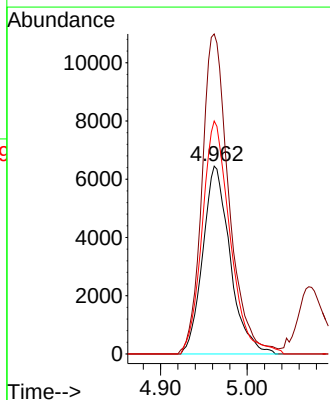
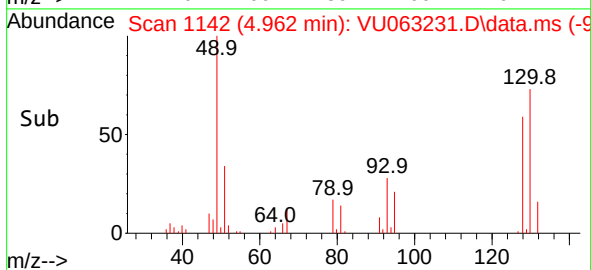
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

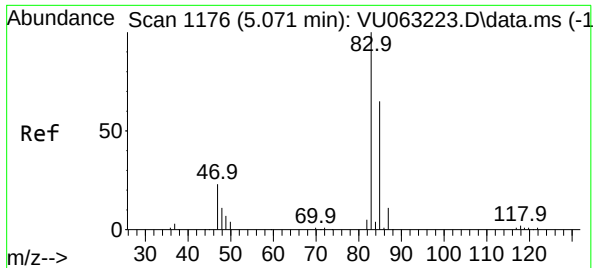


#26
Bromochloromethane
Concen: 1.885 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion:128 Resp: 14122
Ion Ratio Lower Upper
128 100
49 168.1 0.0 343.4
130 126.8 102.9 154.3





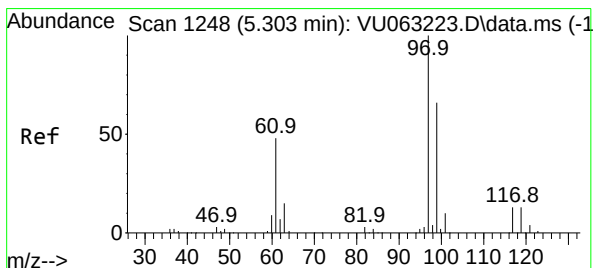
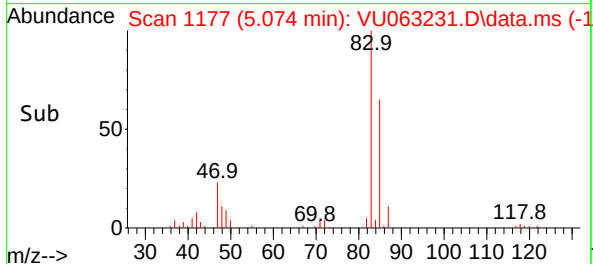
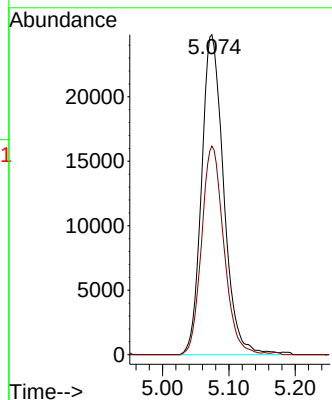
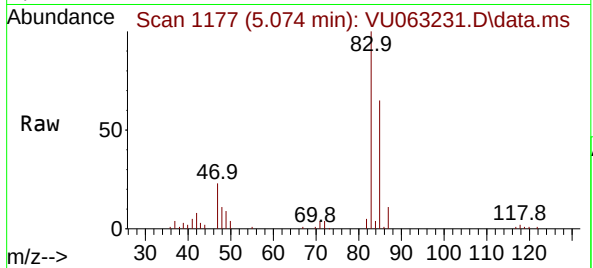
#27
Chloroform
Concen: 1.902 ug/l
RT: 5.074 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 83 Resp: 57379
Ion Ratio Lower Upper
83 100
85 65.2 0.0 129.8

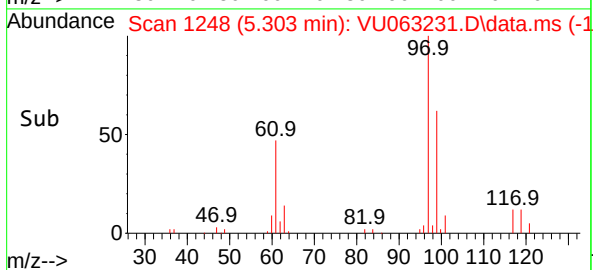
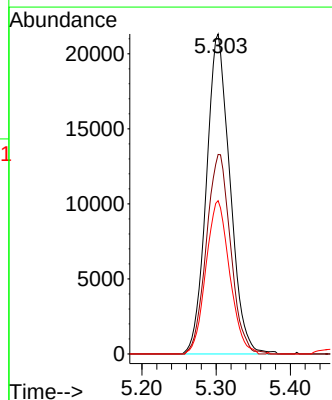
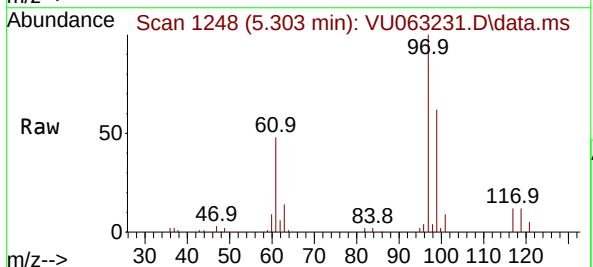
Manual Integrations
APPROVED

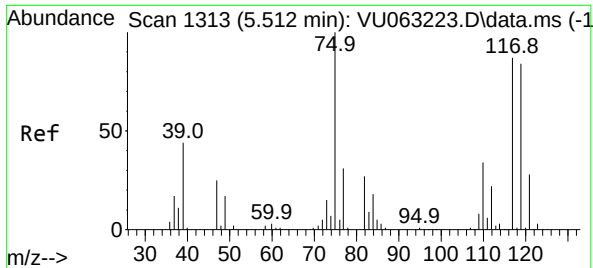
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#28
1,1,1-Trichloroethane
Concen: 1.925 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 97 Resp: 47038
Ion Ratio Lower Upper
97 100
99 64.1 32.4 97.0
61 48.2 23.8 71.2





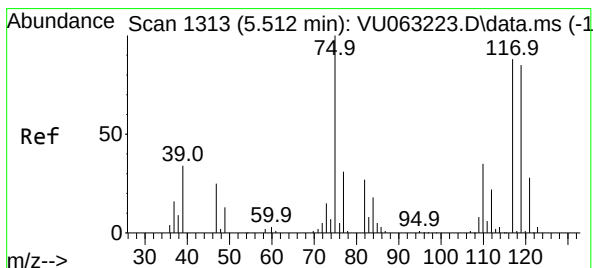
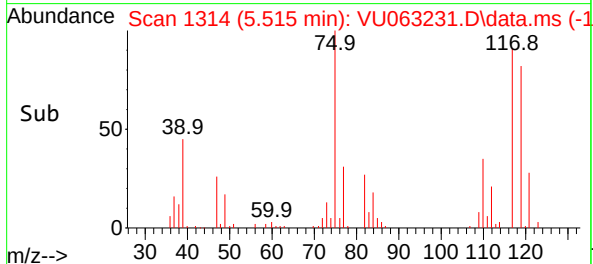
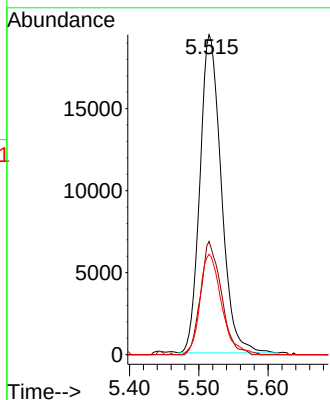
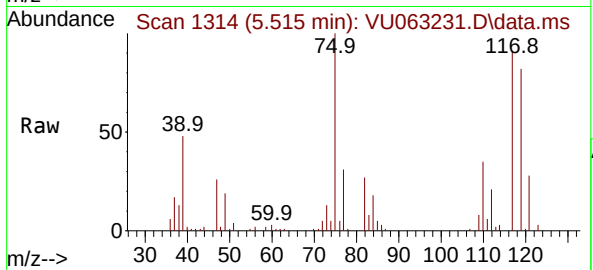
#29
1,1-Dichloropropene
Concen: 1.895 ug/l
RT: 5.515 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 75 Resp: 41492
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.5
77 31.9 24.6 37.0

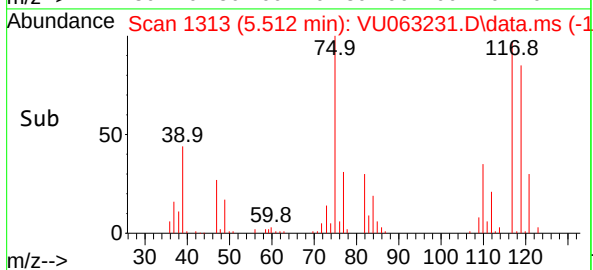
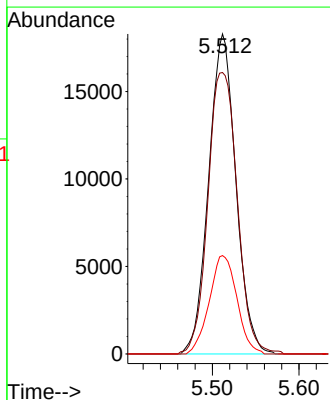
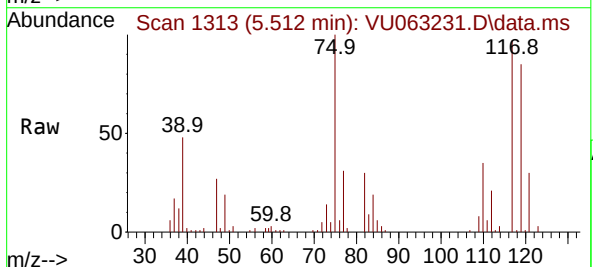
Manual Integrations
APPROVED

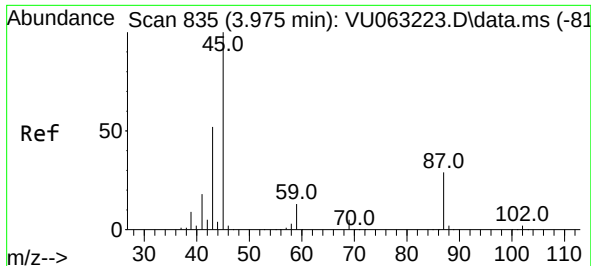
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Carbon Tetrachloride
Concen: 1.905 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

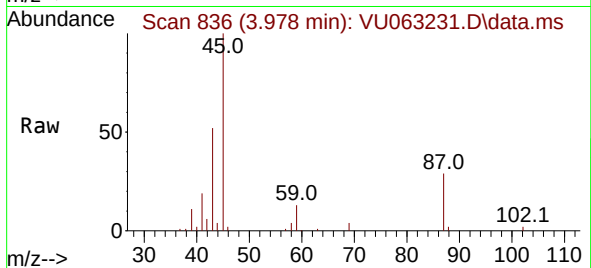
Tgt Ion:117 Resp: 39937
Ion Ratio Lower Upper
117 100
119 88.0 76.7 115.1
121 30.8 25.5 38.3





#31
Isopropyl Ether
Concen: 1.840 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

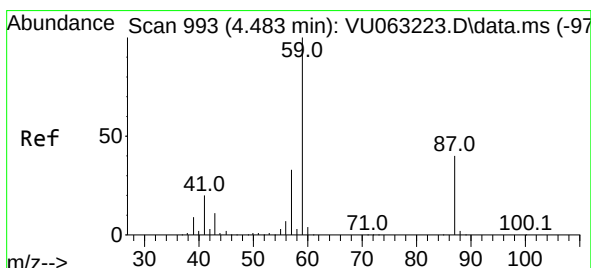
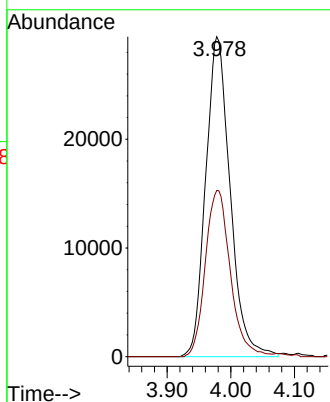
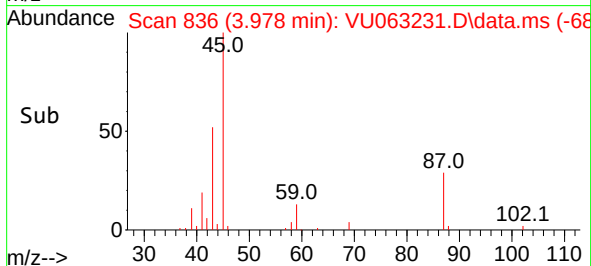
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



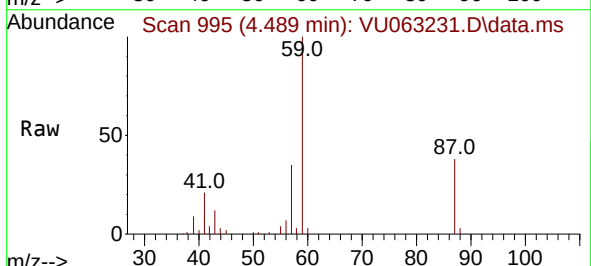
Tgt Ion: 45 Resp: 78534
Ion Ratio Lower Upper
45 100
43 53.1 25.7 77.1

Manual Integrations
APPROVED

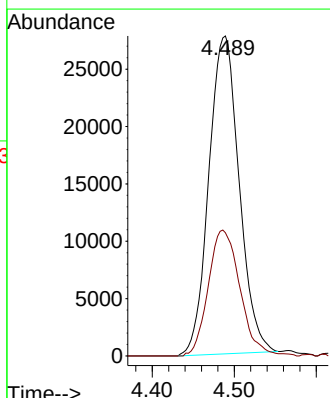
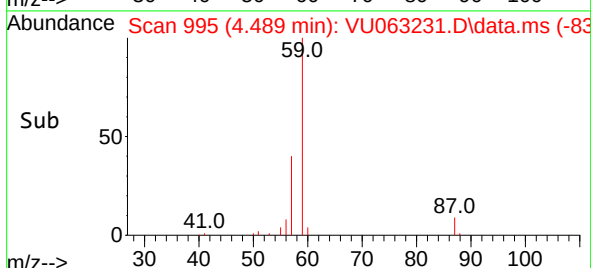
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

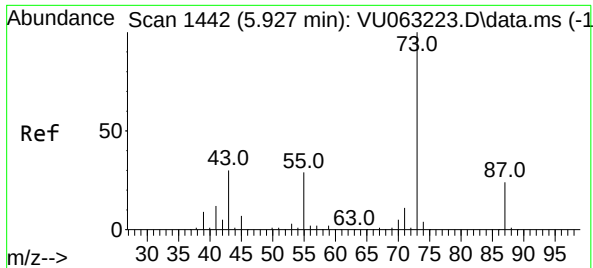


#32
Ethyl-t-butyl ether
Concen: 1.836 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



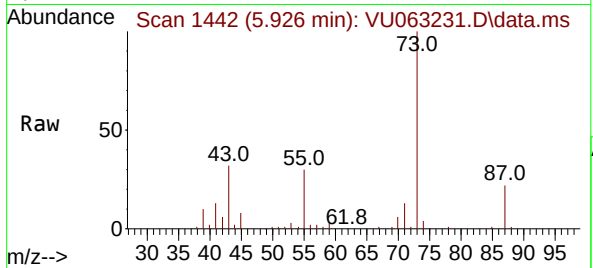
Tgt Ion: 59 Resp: 71285
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.892 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

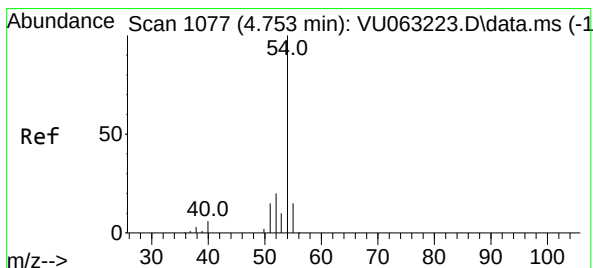
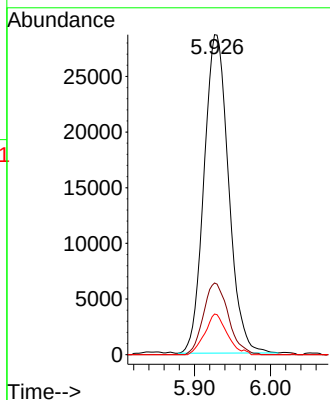
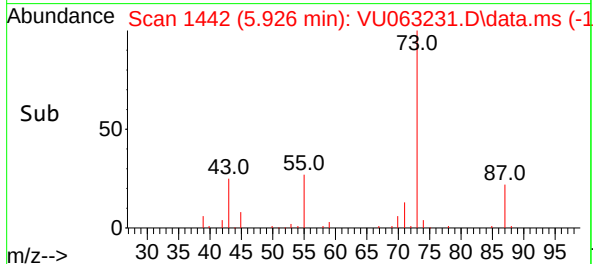
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



Tgt Ion: 73 Resp: 6417
Ion Ratio Lower Upper
73 100
87 22.9 18.9 28.3
71 11.7 9.0 13.4

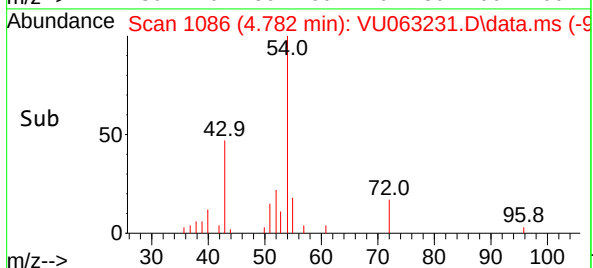
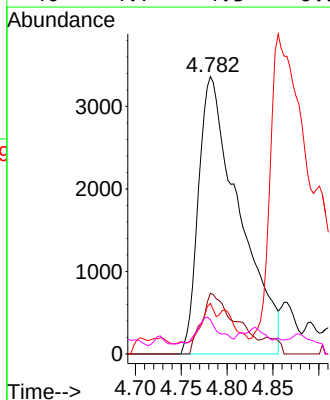
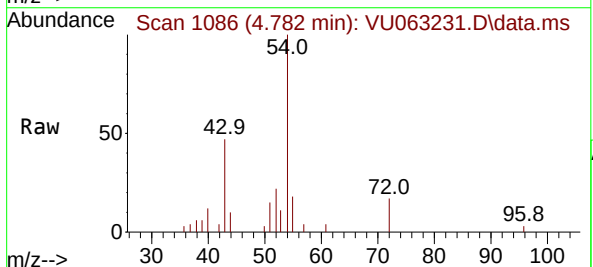
Manual Integrations
APPROVED

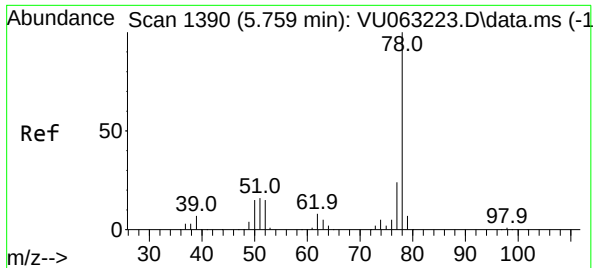
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#34
Propionitrile
Concen: 8.743 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.029 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 54 Resp: 10345
Ion Ratio Lower Upper
54 100
52 18.5 16.3 24.5
55 4.6 11.8 17.6#
40 4.7 4.3 6.5





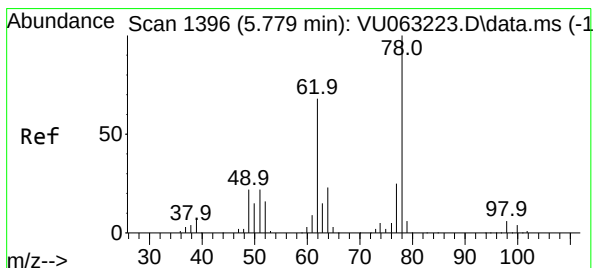
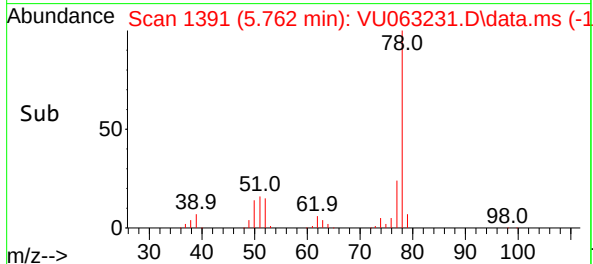
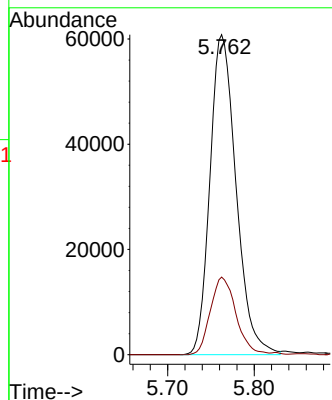
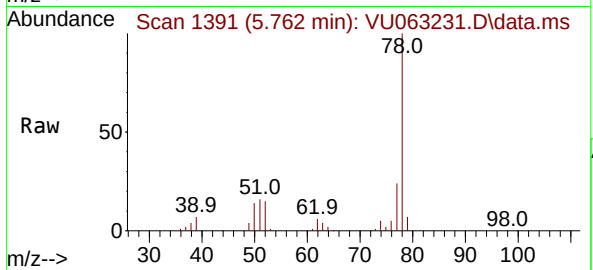
#35
Benzene
Concen: 1.895 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 78 Resp: 12753
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

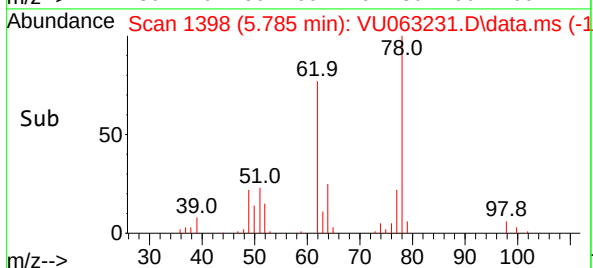
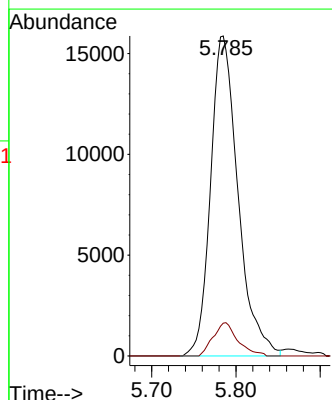
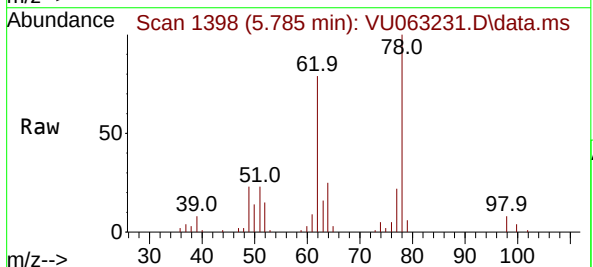
Manual Integrations
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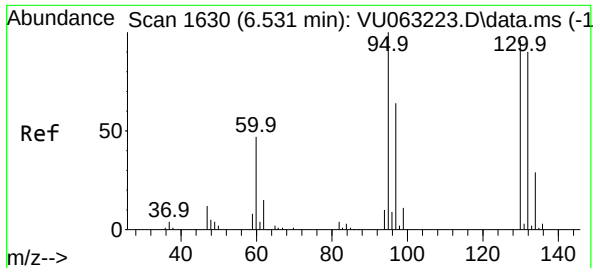
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 1.847 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 62 Resp: 35880
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3





#37

Trichloroethene

Concen: 1.965 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion:130 Resp: 31454

Ion Ratio Lower Upper

130 100

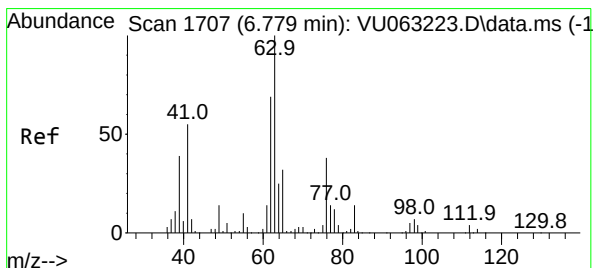
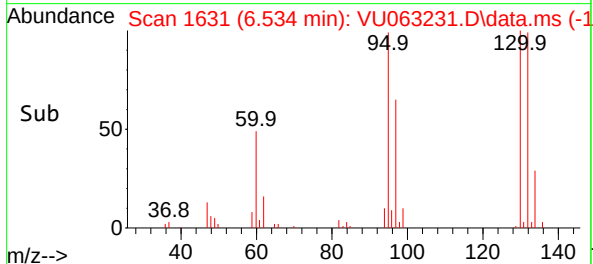
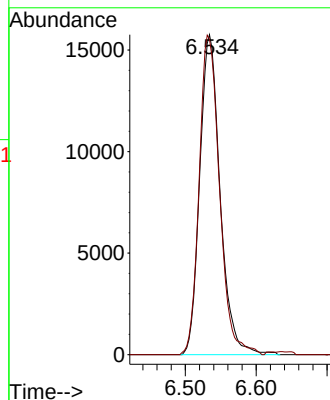
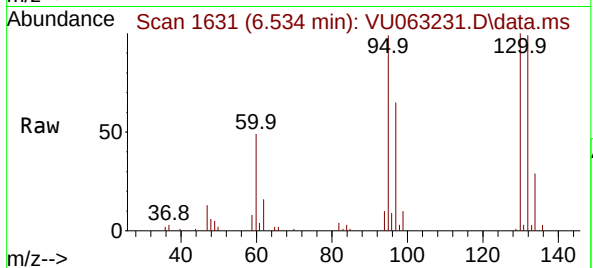
95 98.5 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#38

1,2-Dichloropropane

Concen: 1.892 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063231.D

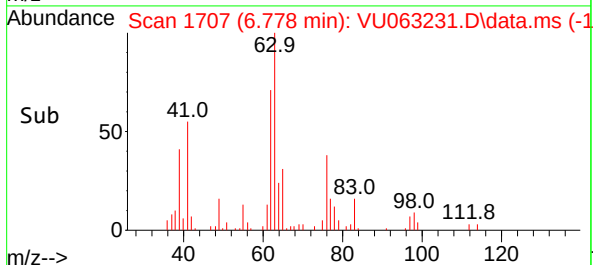
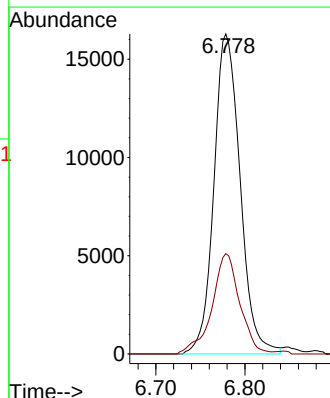
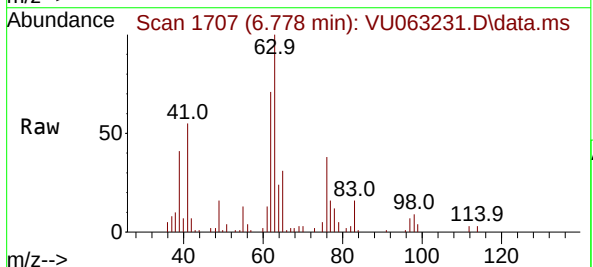
Acq: 11 Feb 2025 12:31

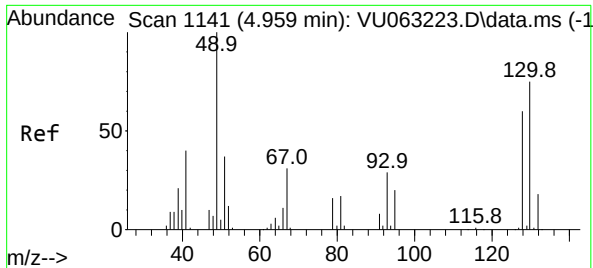
Tgt Ion: 63 Resp: 33332

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9





#39

Methacrylonitrile

Concen: 1.788 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.016 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 41 Resp: 788

Ion Ratio Lower Upper

41 100

67 89.5 64.5 96.7

39 56.4 43.0 64.6

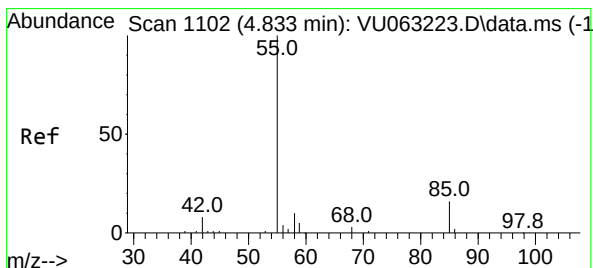
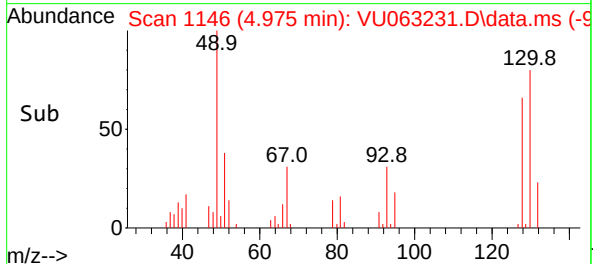
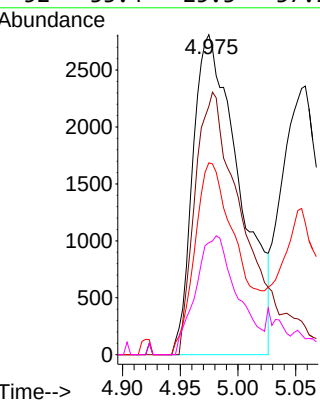
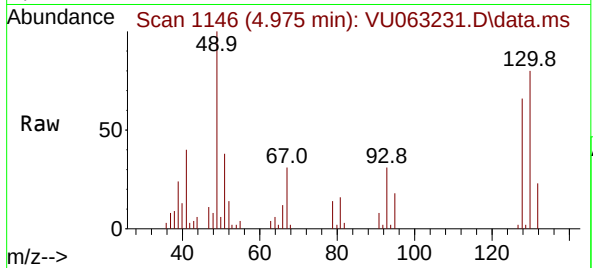
52 33.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 1.846 ug/l m

RT: 4.856 min Scan# 1109

Delta R.T. 0.022 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 55 Resp: 14998

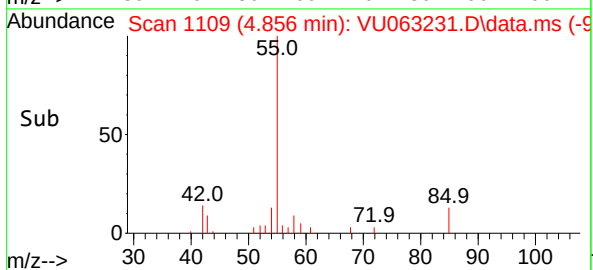
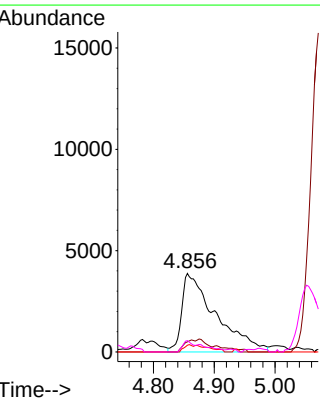
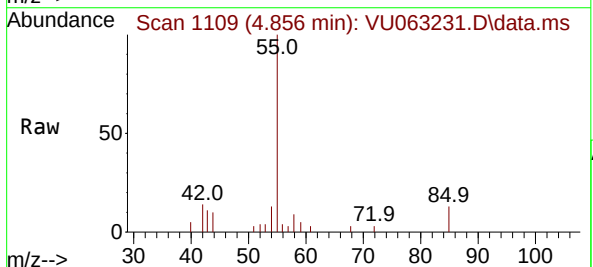
Ion Ratio Lower Upper

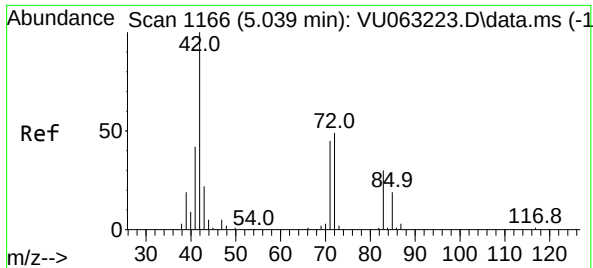
55 100

85 0.0 13.3 19.9#

58 2.4 7.3 10.9#

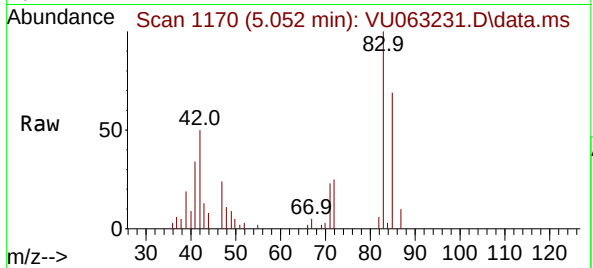
42 4.3 6.9 10.3#





#41
Tetrahydrofuran
Concen: 3.568 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

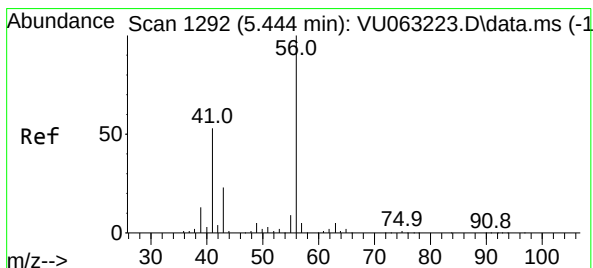
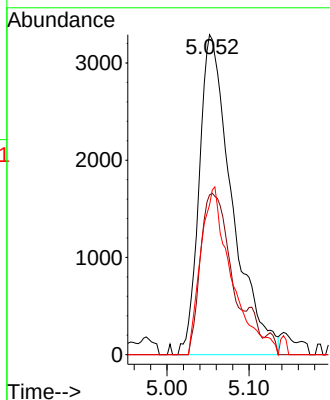
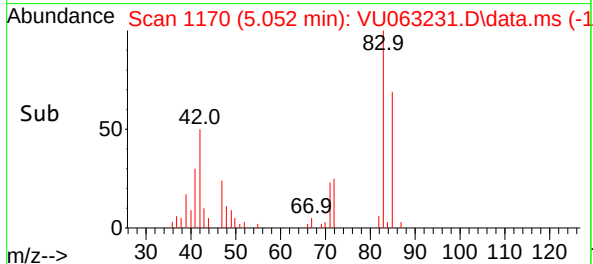
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



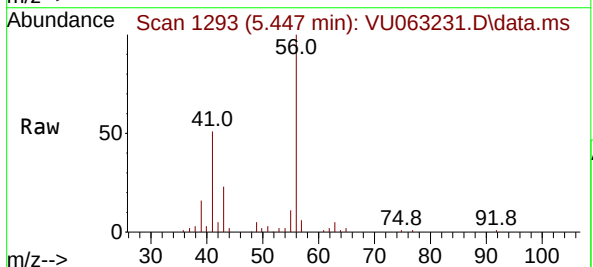
Tgt Ion: 42 Resp: 9149
Ion Ratio Lower Upper
42 100
72 45.9 41.5 62.3
71 49.2 37.2 55.8

Manual Integrations
APPROVED

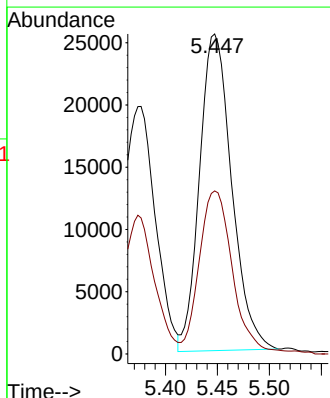
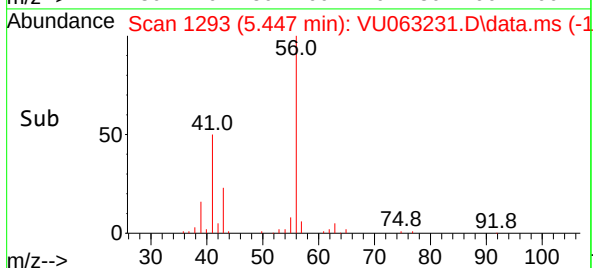
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

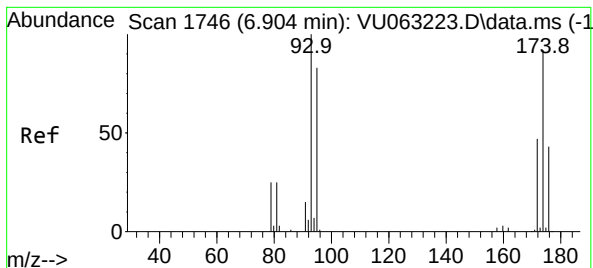


#42
1-Chlorobutane
Concen: 1.826 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion: 56 Resp: 54703
Ion Ratio Lower Upper
56 100
41 53.7 26.3 78.8





#43

Dibromomethane

Concen: 1.851 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 93 Resp: 1651

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

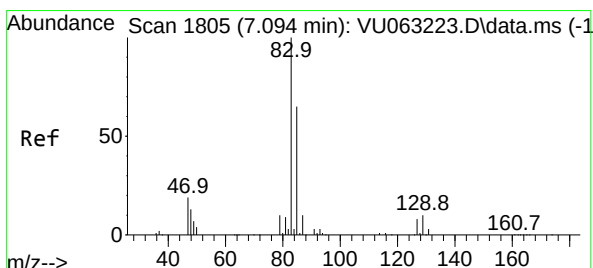
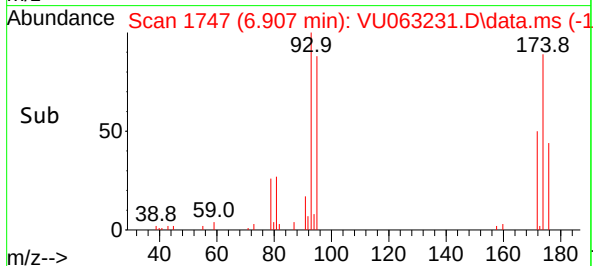
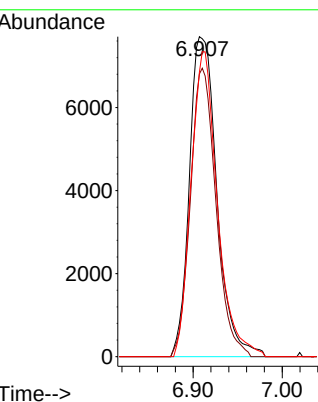
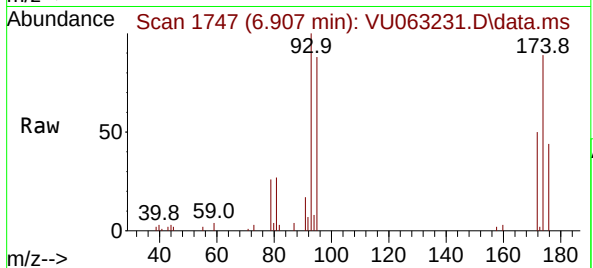
174 91.7 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#44

Bromodichloromethane

Concen: 1.953 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

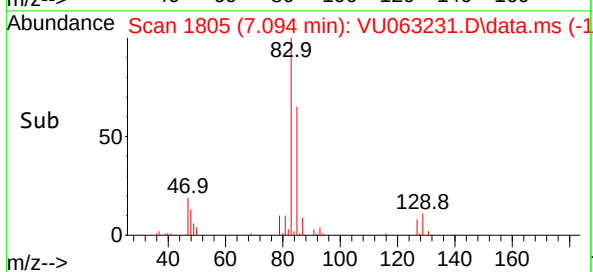
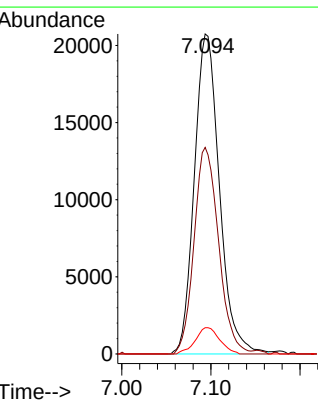
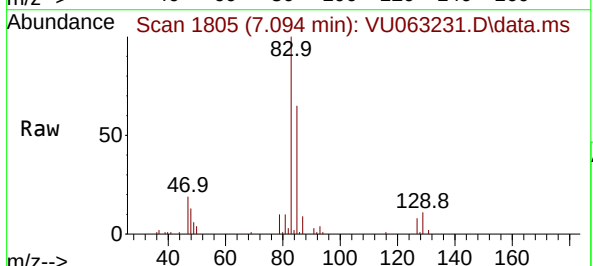
Tgt Ion: 83 Resp: 40544

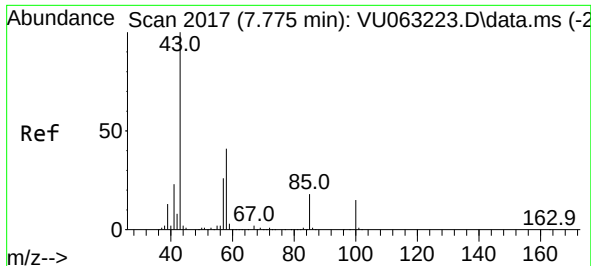
Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 8.2 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.059 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 43 Resp: 8472

Ion Ratio Lower Upper

43 100

58 40.4 20.8 62.5

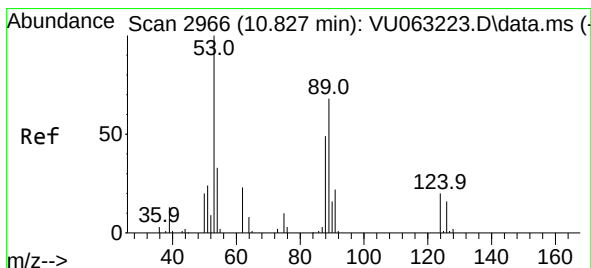
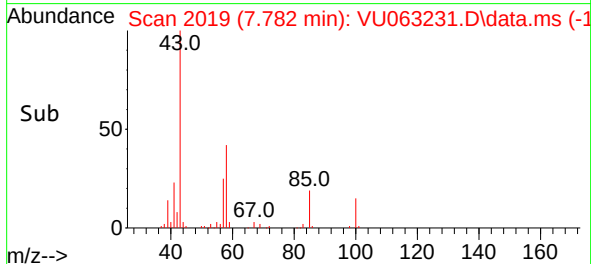
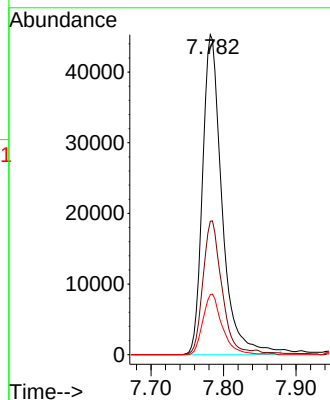
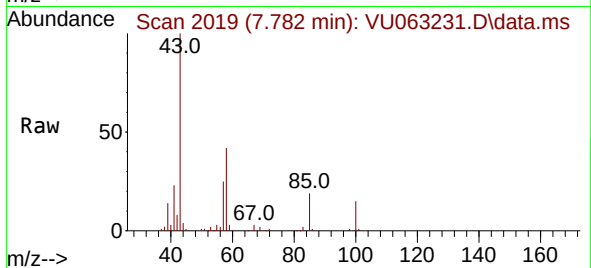
85 18.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#46

t-1,4-Dichloro-2-butene

Concen: 3.490 ug/l m

RT: 10.823 min Scan# 2965

Delta R.T. -0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 75 Resp: 15342

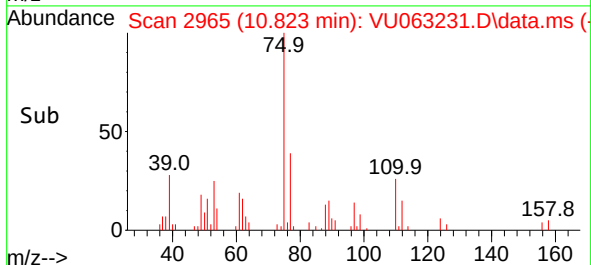
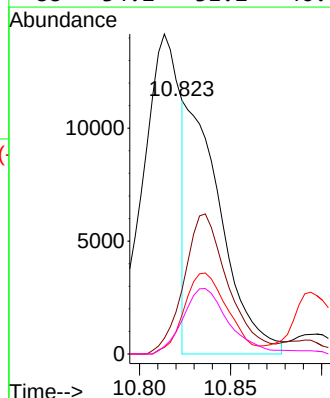
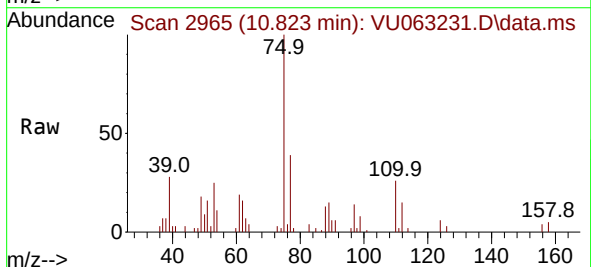
Ion Ratio Lower Upper

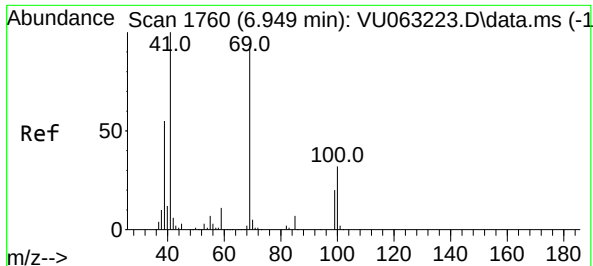
75 100

53 68.6 64.5 96.7

89 39.0 43.4 65.2#

88 34.2 31.2 46.8





#47

Methyl methacrylate

Concen: 3.714 ug/l

RT: 6.955 min Scan# 1760

Delta R.T. 0.006 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 69 Resp: 2790

Ion Ratio Lower Upper

69 100

41 108.3 0.0 217.0

39 61.9 47.7 71.5

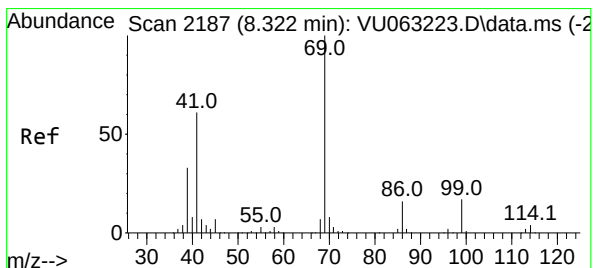
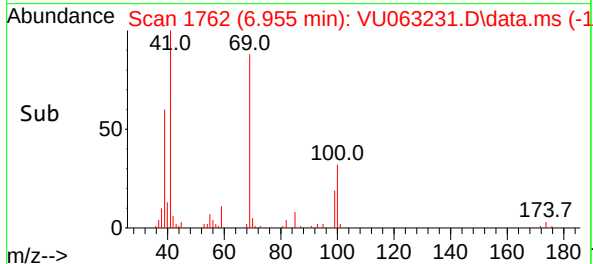
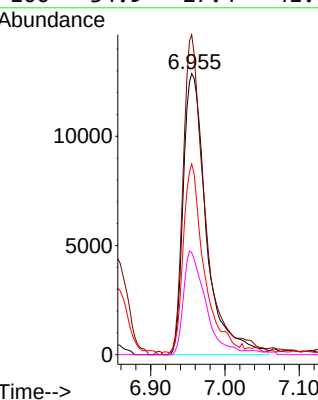
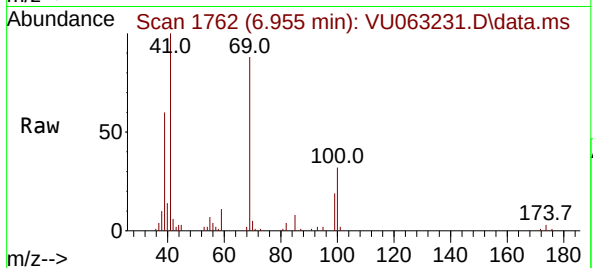
100 34.9 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 1.890 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VU063231.D

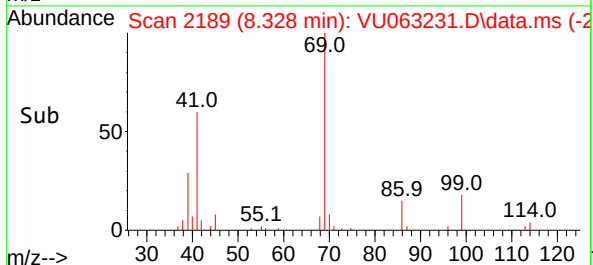
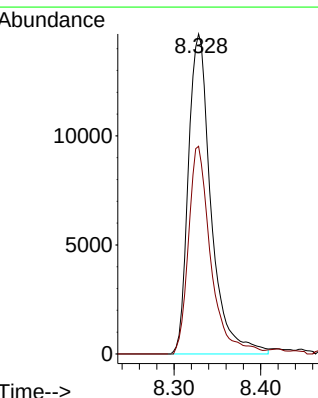
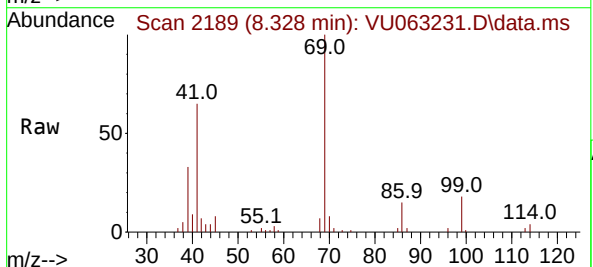
Acq: 11 Feb 2025 12:31

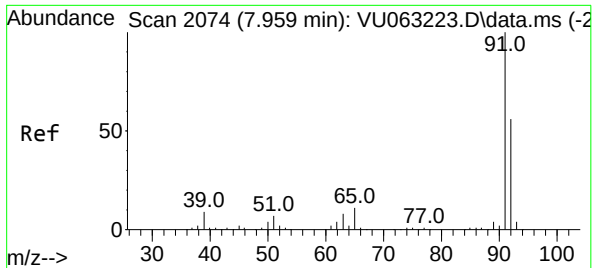
Tgt Ion: 69 Resp: 26666

Ion Ratio Lower Upper

69 100

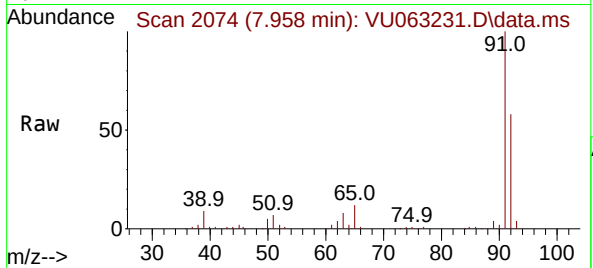
41 63.7 30.6 92.0





#49
Toluene
Concen: 1.903 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

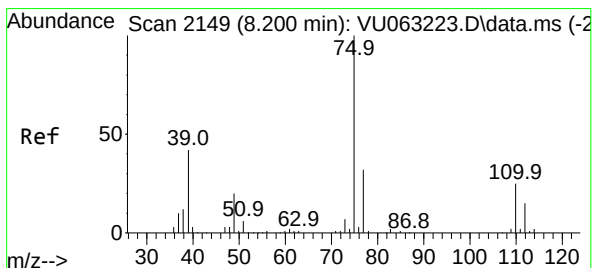
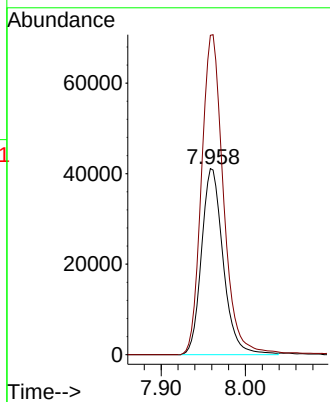
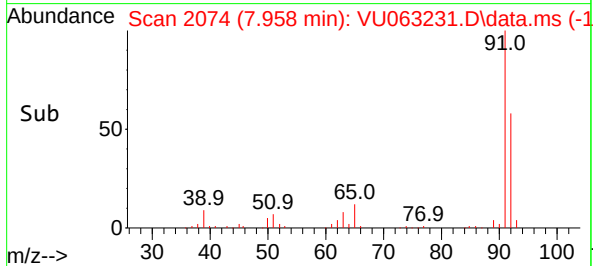
Instrument : MSVOA_U
ClientSampleId : VU0211WBSD01



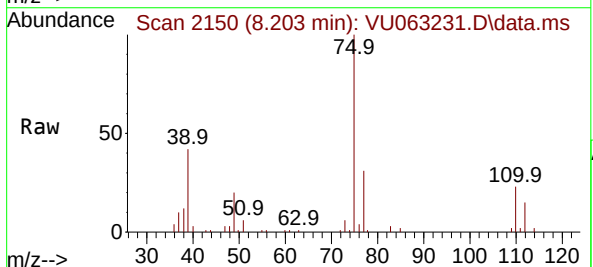
Tgt Ion: 92 Resp: 7366
Ion Ratio Lower Upper
92 100
91 174.3 141.8 212.6

Manual Integrations
APPROVED

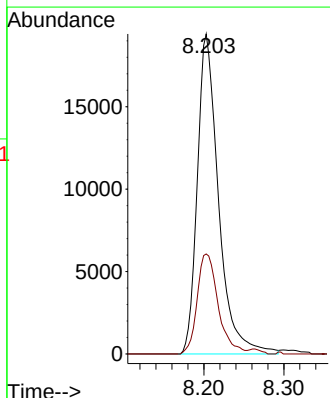
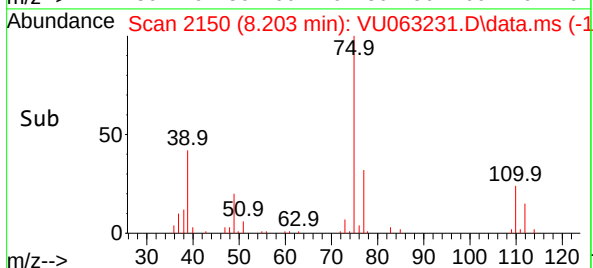
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

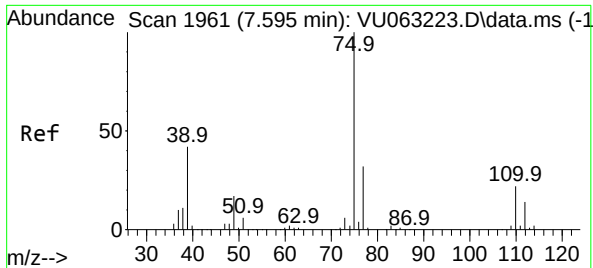


#50
t-1,3-Dichloropropene
Concen: 1.888 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



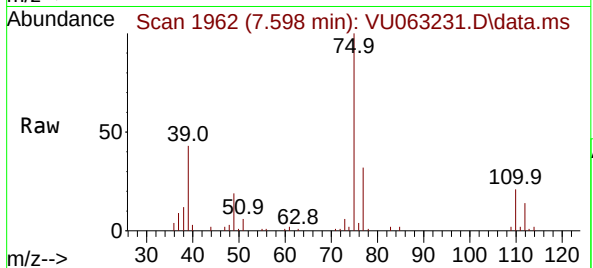
Tgt Ion: 75 Resp: 35883
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.884 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

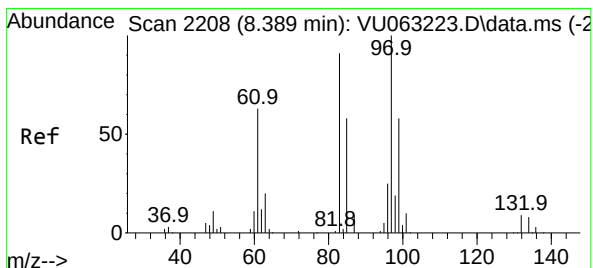
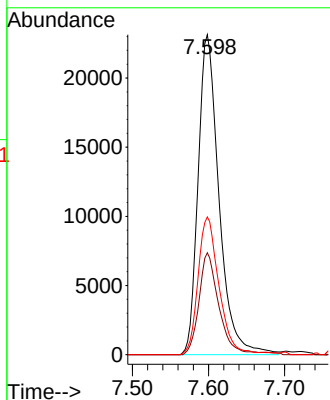
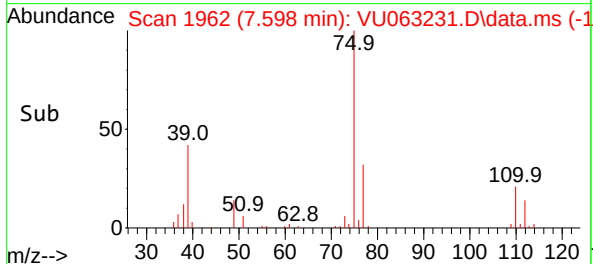
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0211WBSD01



Tgt Ion: 75 Resp: 44229
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 43.1 33.5 50.3

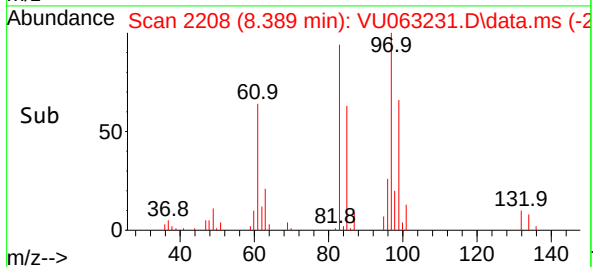
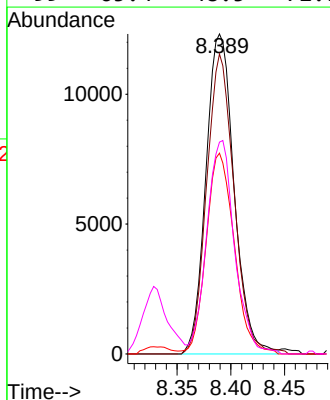
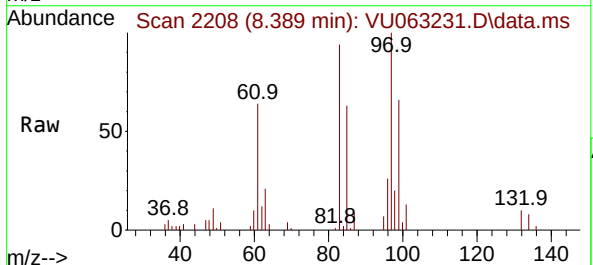
Manual Integrations
 APPROVED

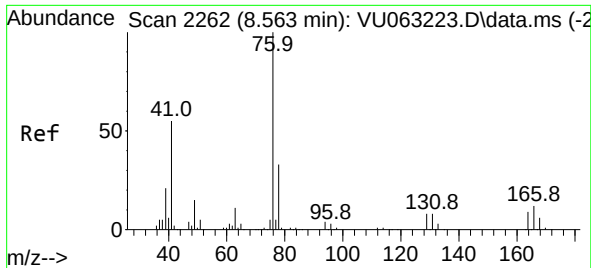
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.869 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Tgt Ion: 97 Resp: 22475
 Ion Ratio Lower Upper
 97 100
 83 93.8 73.0 109.4
 85 62.8 46.3 69.5
 99 65.4 48.5 72.7





#53

1,3-Dichloropropane

Concen: 1.862 ug/l

RT: 8.566 min Scan# 2262

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion: 76 Resp: 3976

Ion Ratio Lower Upper

76 100

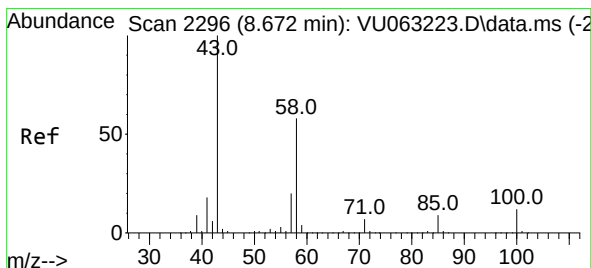
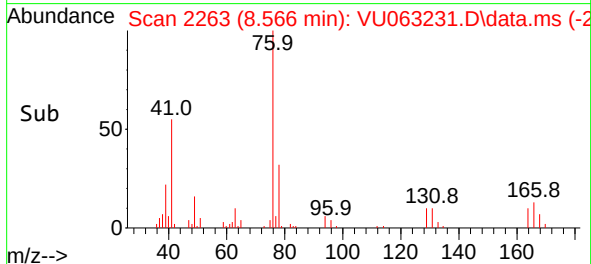
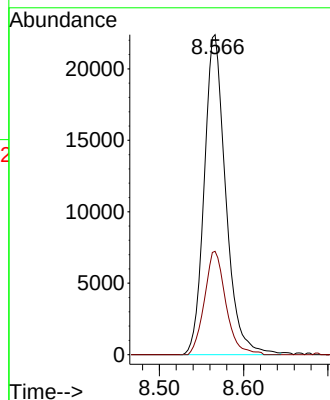
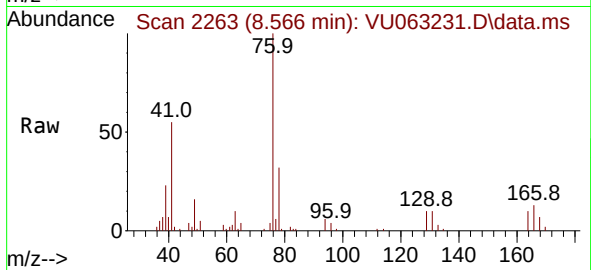
78 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#54

2-Hexanone

Concen: 8.755 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

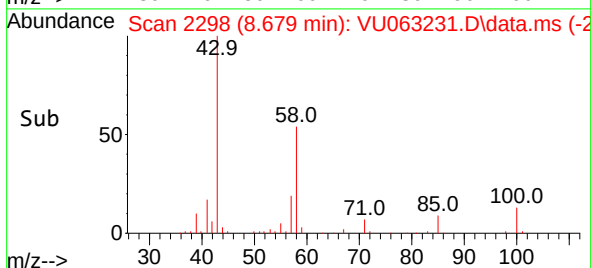
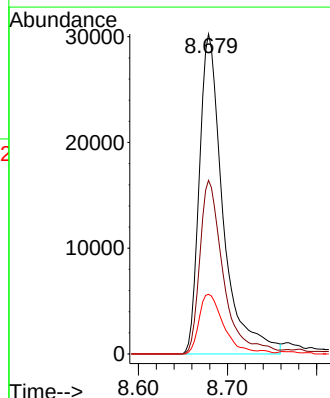
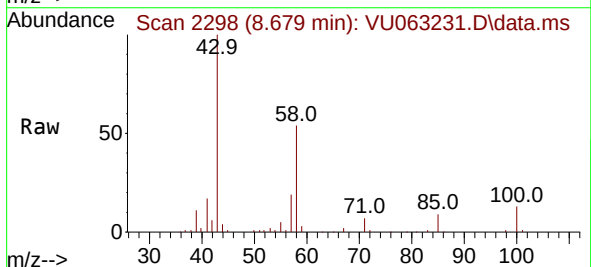
Tgt Ion: 43 Resp: 55875

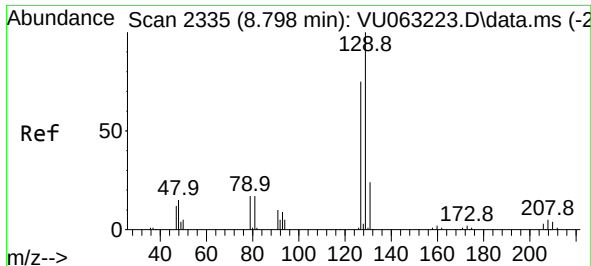
Ion Ratio Lower Upper

43 100

58 53.9 38.0 78.0

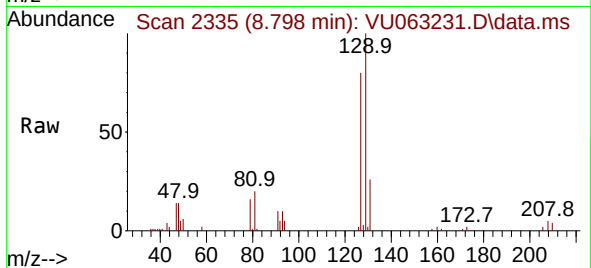
57 19.2 0.0 39.1





#55
Dibromochloromethane
Concen: 1.856 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

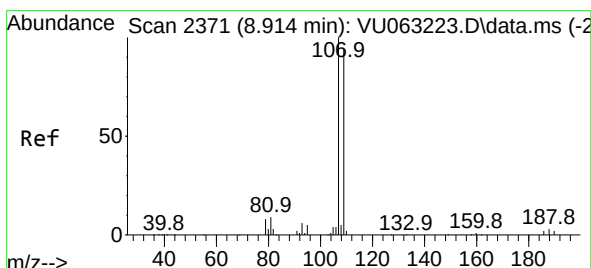
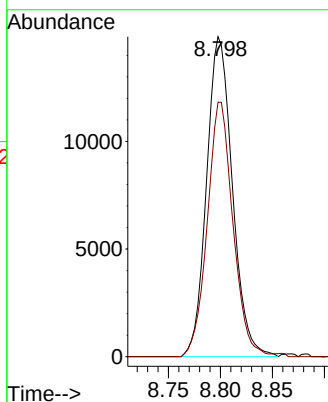
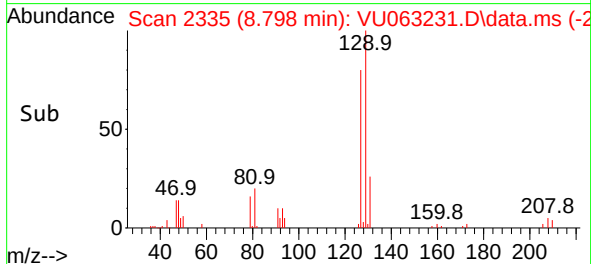
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



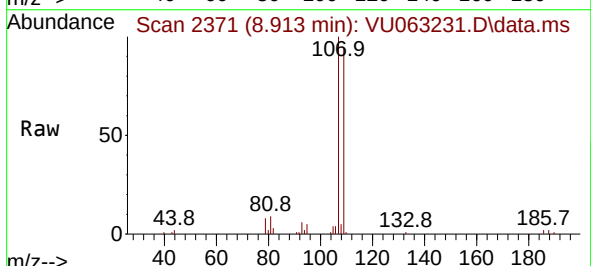
Tgt Ion:129 Resp: 25680
Ion Ratio Lower Upper
129 100
127 79.0 60.4 90.6

Manual Integrations
APPROVED

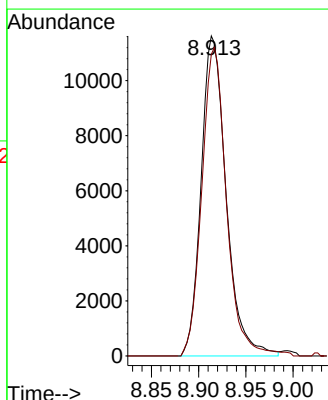
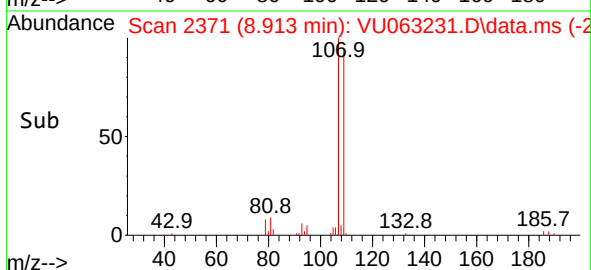
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

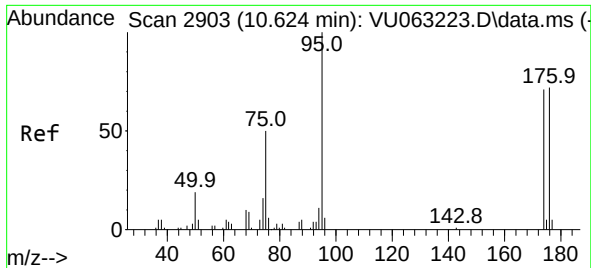


#56
1,2-Dibromoethane
Concen: 1.899 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



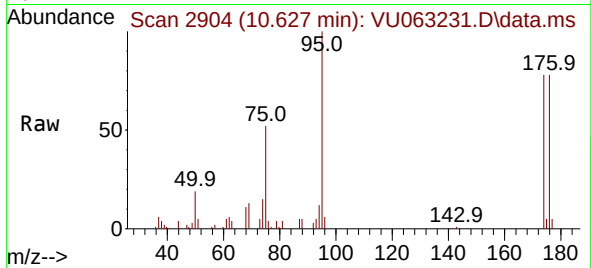
Tgt Ion:107 Resp: 21428
Ion Ratio Lower Upper
107 100
109 95.1 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.033 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

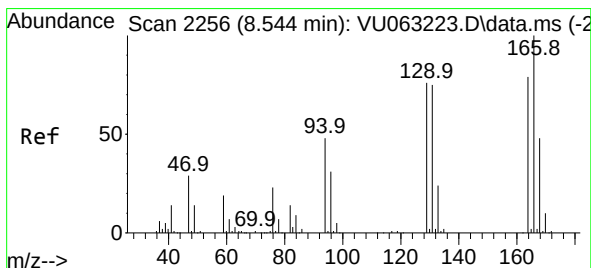
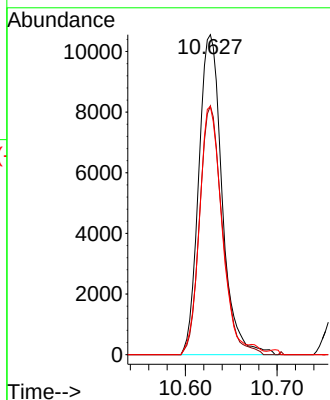
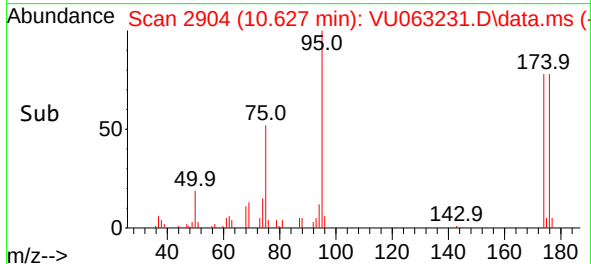
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



Tgt Ion: 95 Resp: 1866
Ion Ratio Lower Upper
95 100
174 75.4 58.6 88.0
176 75.8 58.2 87.4

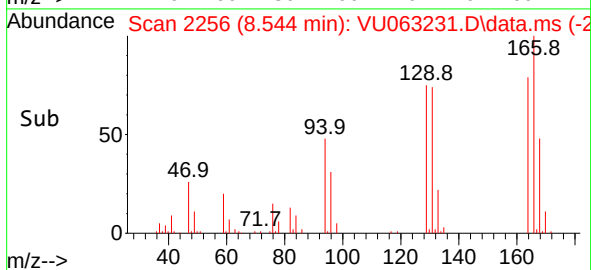
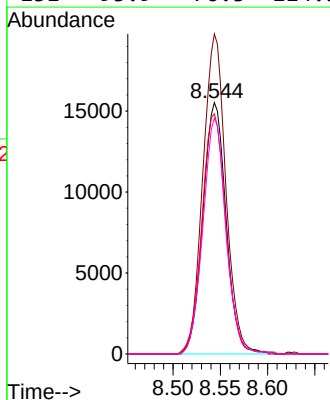
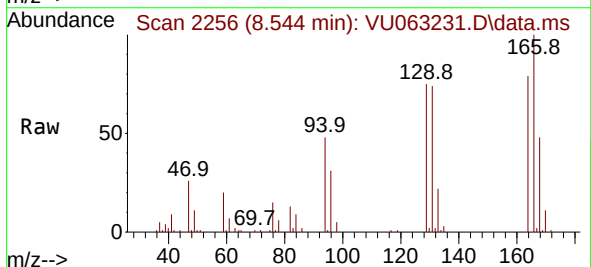
Manual Integrations
APPROVED

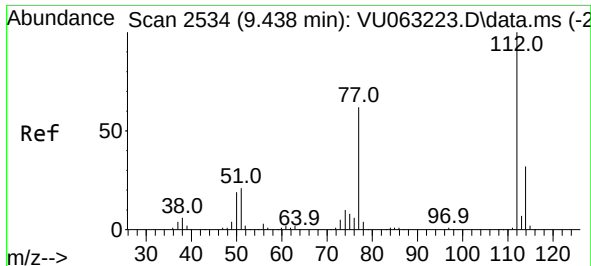
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 2.007 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:164 Resp: 26480
Ion Ratio Lower Upper
164 100
166 127.3 101.4 152.0
129 95.6 77.0 115.4
131 93.9 76.3 114.5





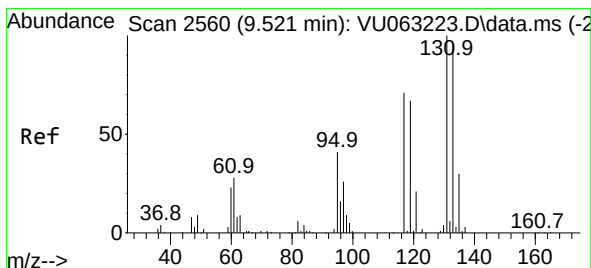
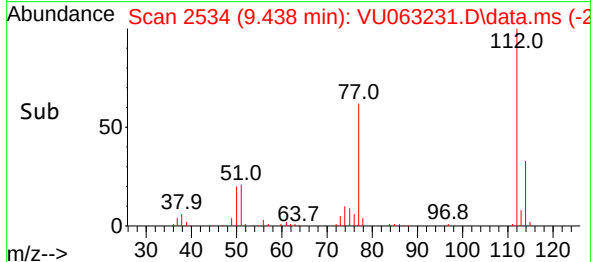
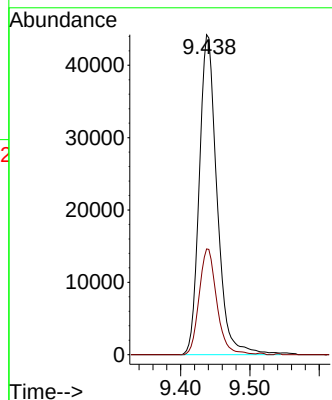
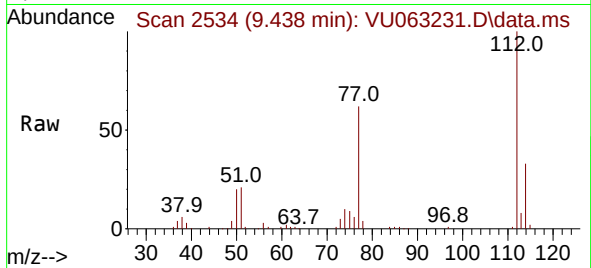
#59
Chlorobenzene
Concen: 1.929 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:112 Resp: 78809
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

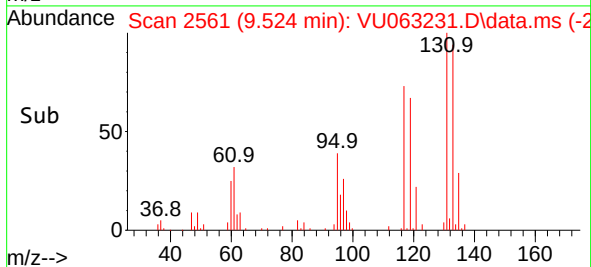
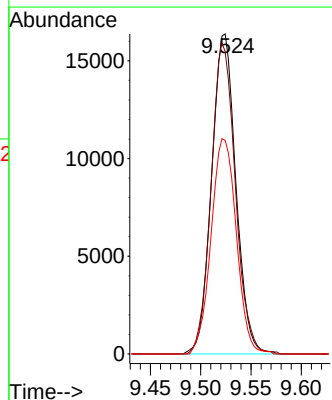
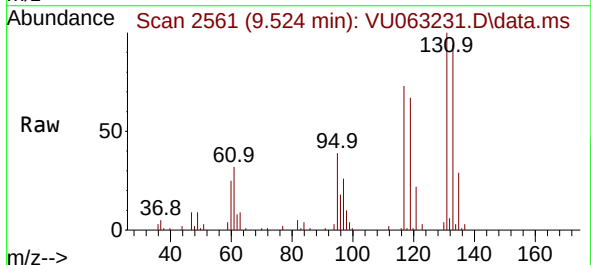
Manual Integrations
APPROVED

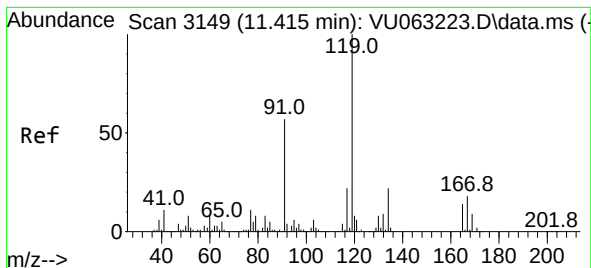
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.867 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:131 Resp: 27412
Ion Ratio Lower Upper
131 100
133 97.4 76.7 115.1
119 70.2 54.4 81.6





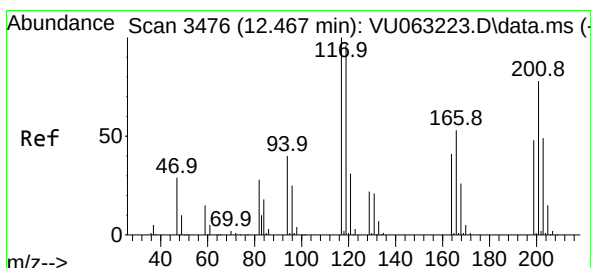
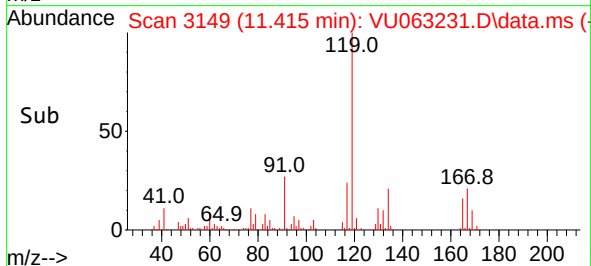
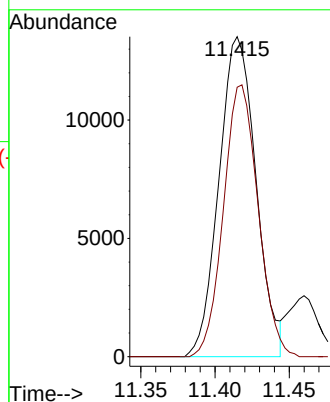
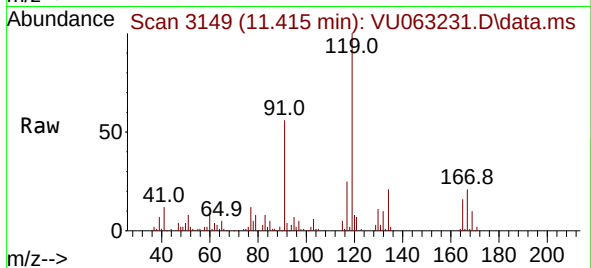
#61
Pentachloroethane
Concen: 1.788 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:117 Resp: 23450
Ion Ratio Lower Upper
117 100
167 79.4 65.0 97.6

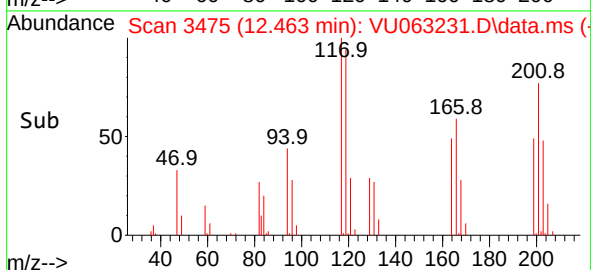
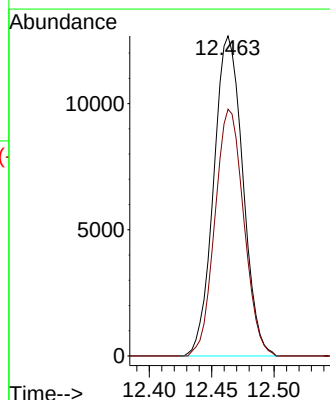
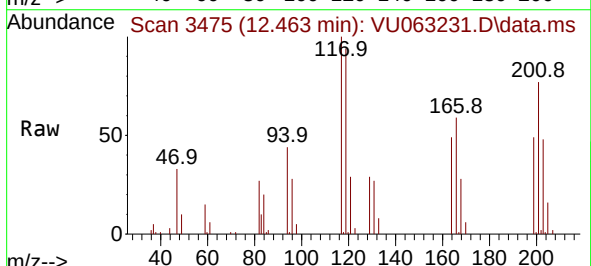
Manual Integrations
APPROVED

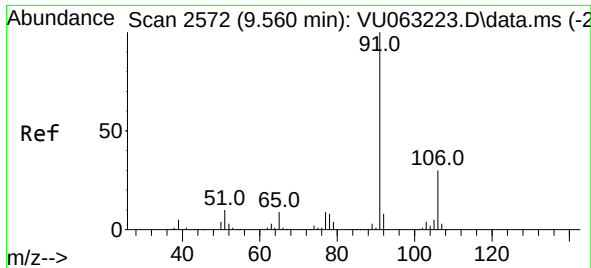
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
Hexachloroethane
Concen: 1.779 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:117 Resp: 20644
Ion Ratio Lower Upper
117 100
201 76.3 61.3 91.9





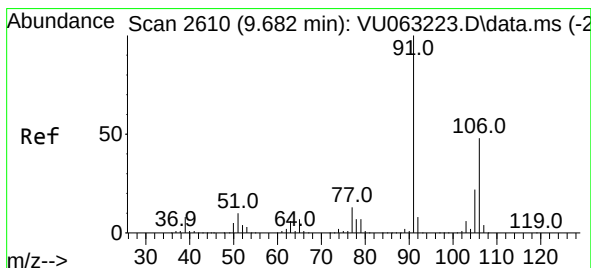
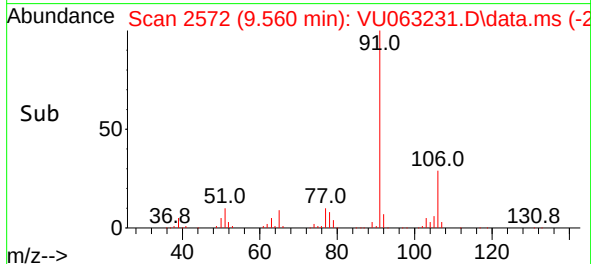
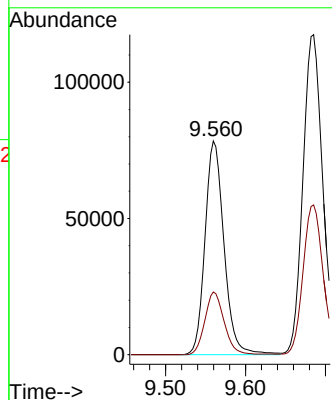
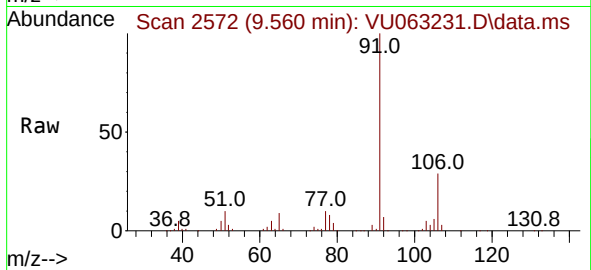
#63
Ethyl Benzene
Concen: 1.843 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion: 91 Resp: 129864
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2

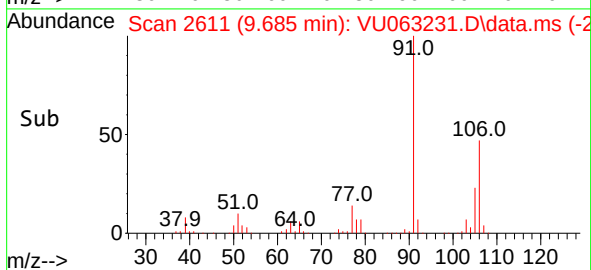
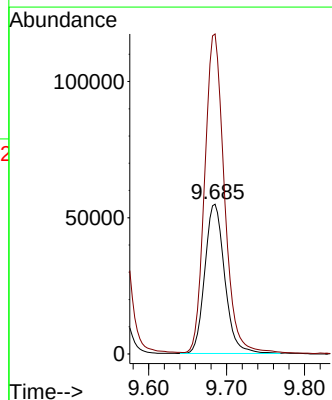
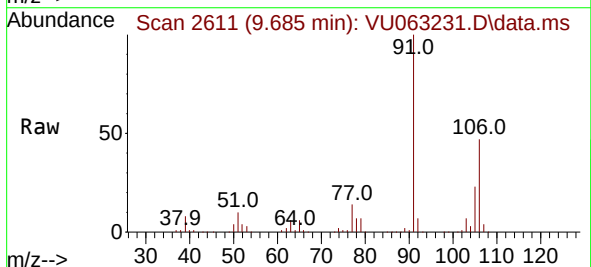
Manual Integrations
APPROVED

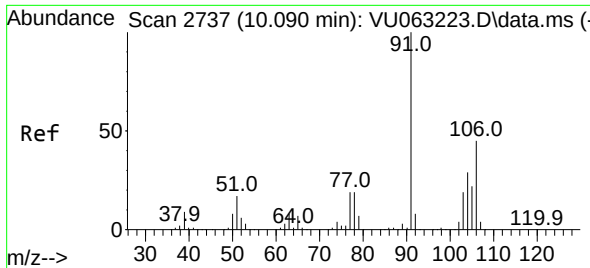
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 3.689 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:106 Resp: 97083
Ion Ratio Lower Upper
106 100
91 213.1 166.9 250.3





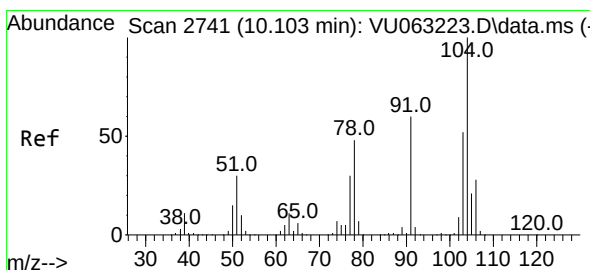
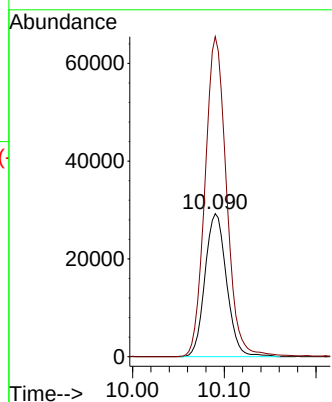
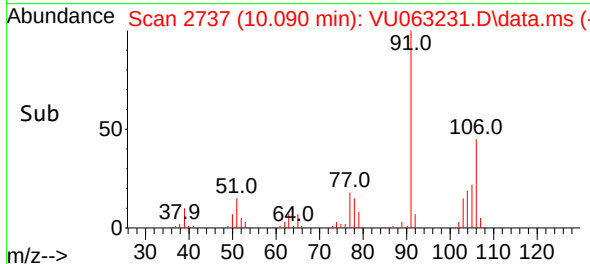
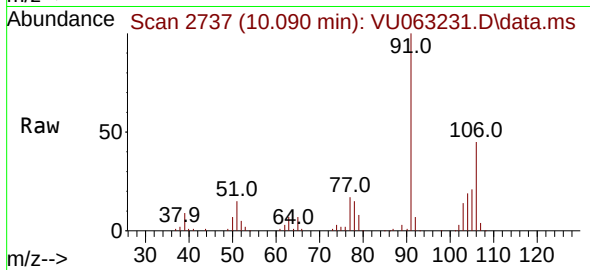
#65
o-Xylene
Concen: 1.859 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:106 Resp: 4789
Ion Ratio Lower Upper
106 100
91 223.0 110.9 332.9

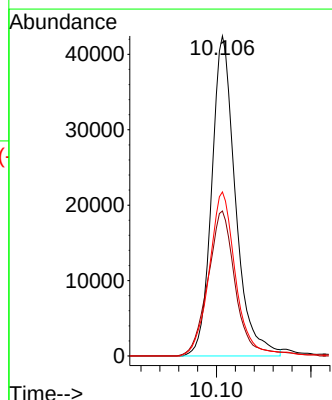
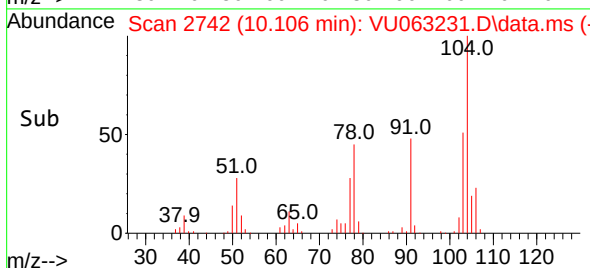
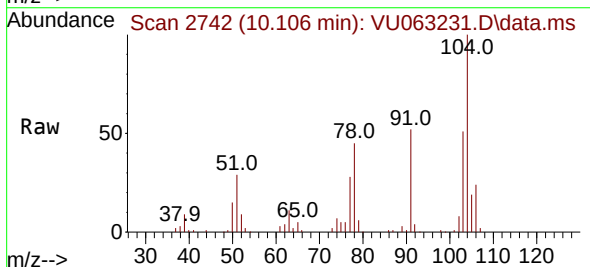
Manual Integrations
APPROVED

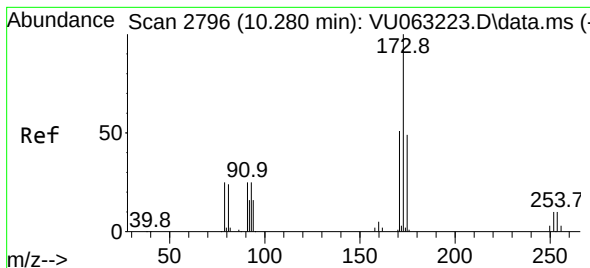
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 1.809 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:104 Resp: 74164
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 57.3 44.8 67.2





#67

Bromoform

Concen: 1.829 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

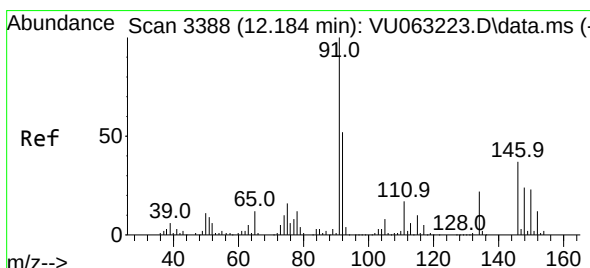
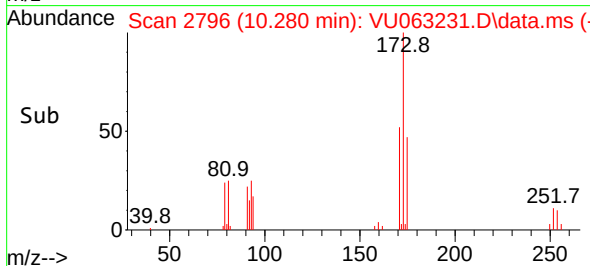
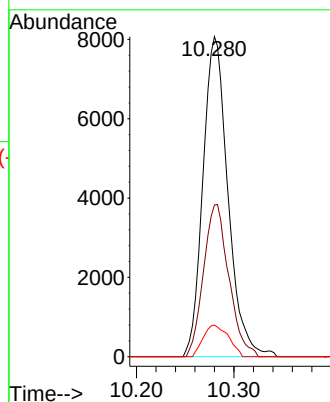
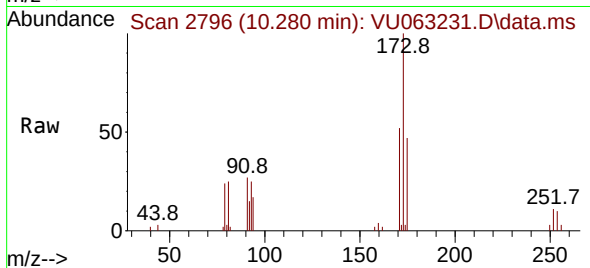
Tgt Ion:173	Resp:	1436
Ion Ratio	Lower	Upper
173	100	
175	48.1	39.0 58.4
254	9.9	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.961 ug/l

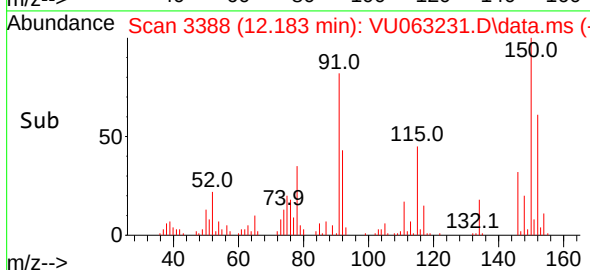
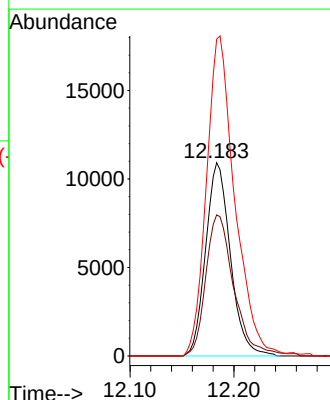
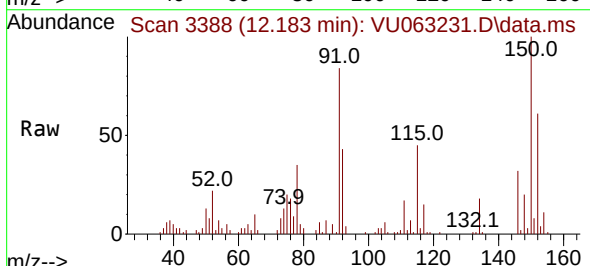
RT: 12.183 min Scan# 3388

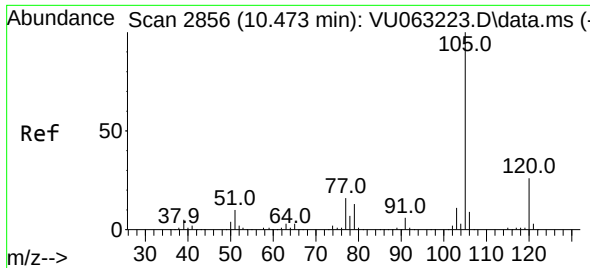
Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion:152	Resp:	18049
Ion Ratio	Lower	Upper
152	100	
115	82.5	0.0 275.2
150	190.2	0.0 658.4





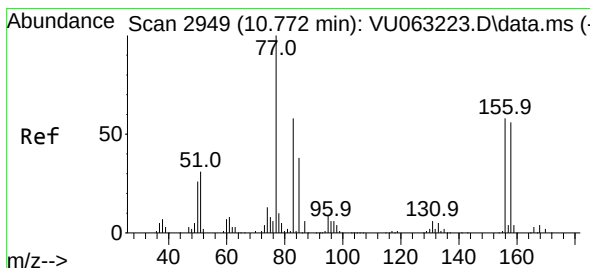
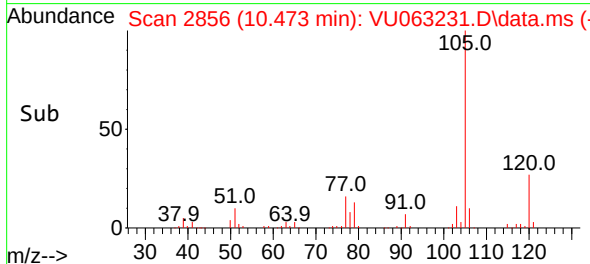
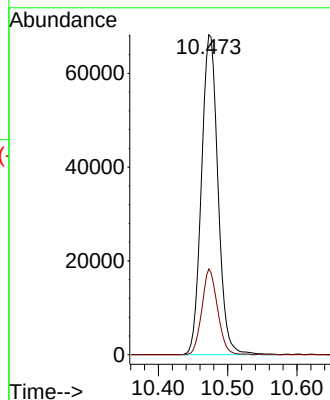
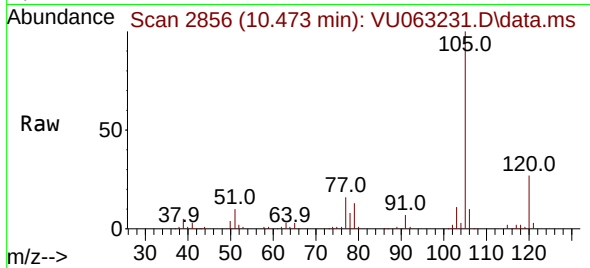
#69
Isopropylbenzene
Concen: 1.866 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:105 Resp: 11303
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

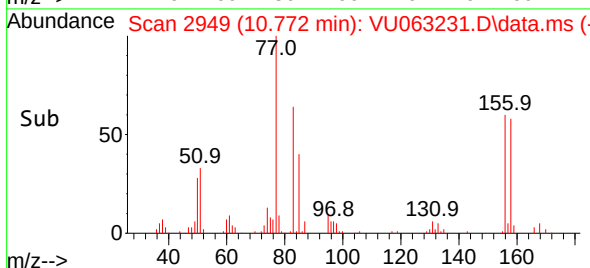
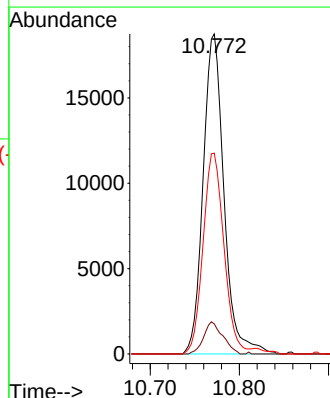
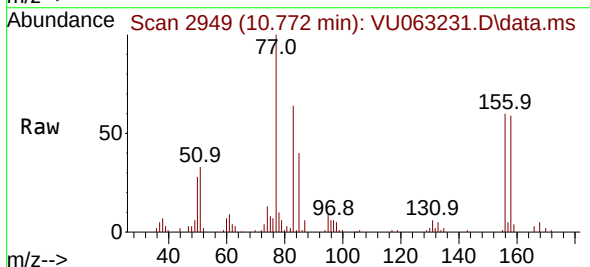
Manual Integrations
APPROVED

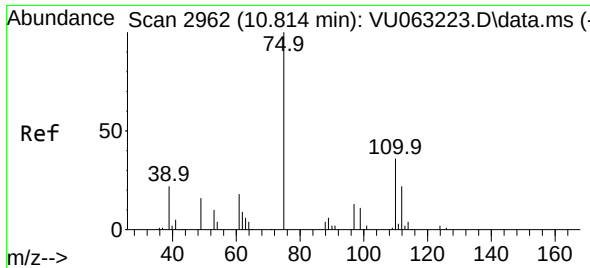
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 1.878 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

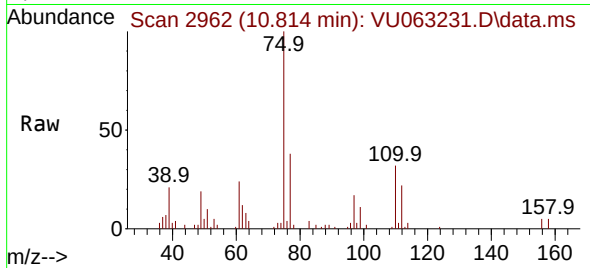
Tgt Ion: 83 Resp: 30438
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 62.8 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 1.841 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

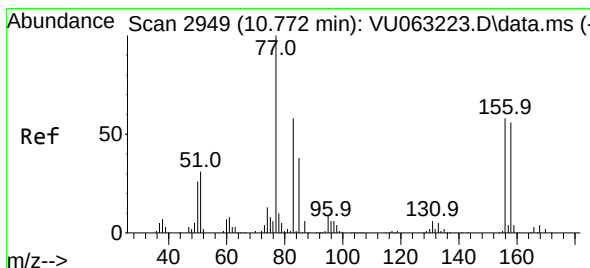
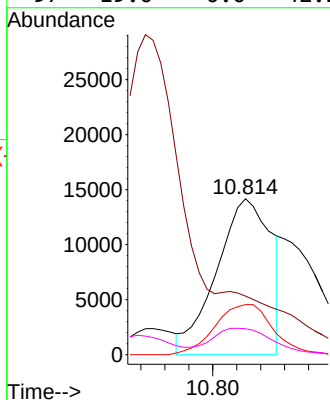
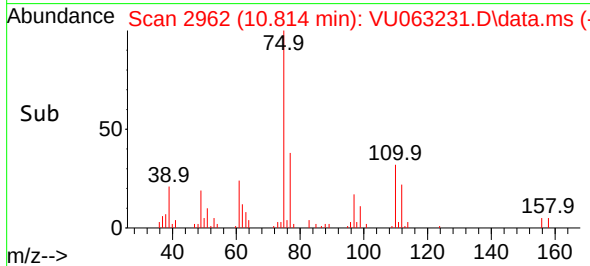


Tgt Ion: 75 Resp: 22418

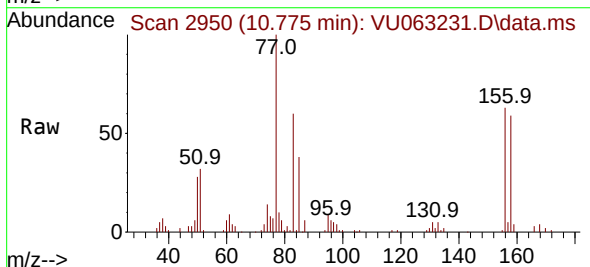
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	34.0	0.0	77.0
97	19.0	0.0	42.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

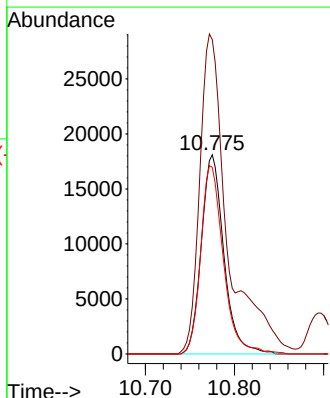
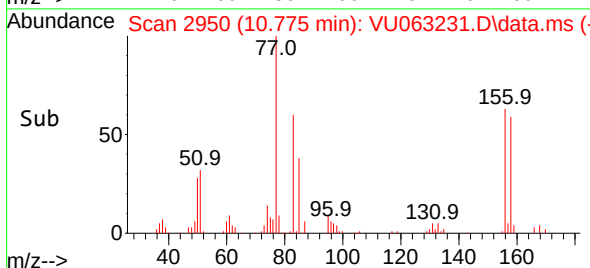


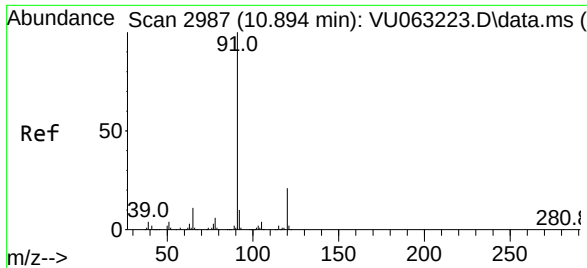
#72
Bromobenzene
Concen: 1.947 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion:156 Resp: 31774

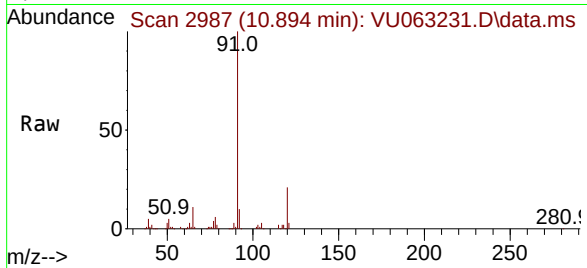
Ion	Ratio	Lower	Upper
156	100		
77	199.5	0.0	343.6
158	95.3	0.0	193.0





#73
n-propylbenzene
Concen: 1.867 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

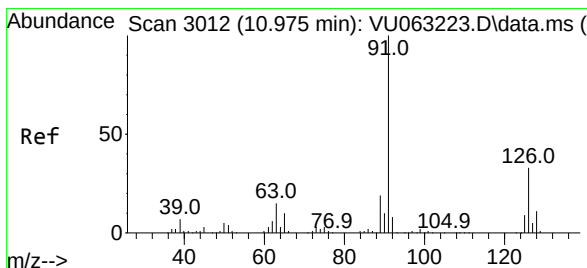
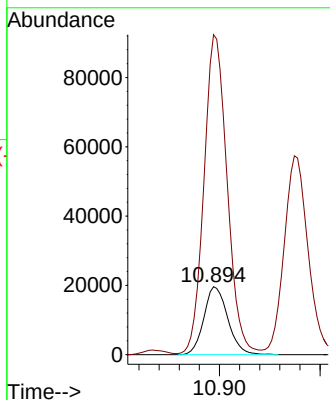
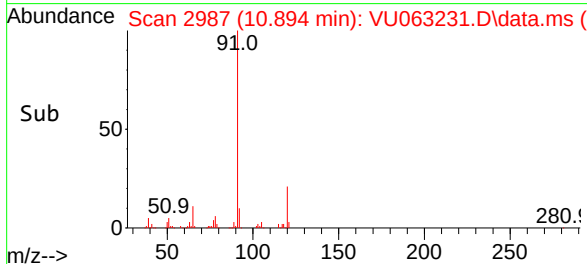
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



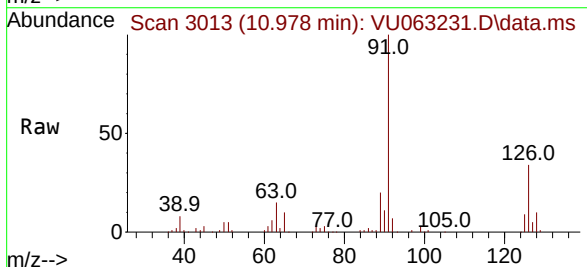
Tgt Ion:120 Resp: 32378
Ion Ratio Lower Upper
120 100
91 453.8 369.8 554.6

Manual Integrations
APPROVED

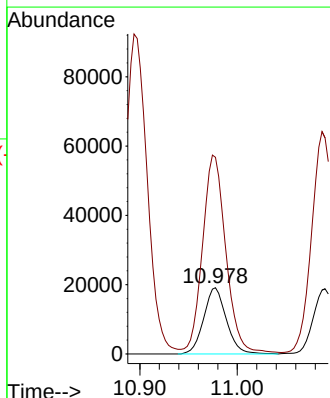
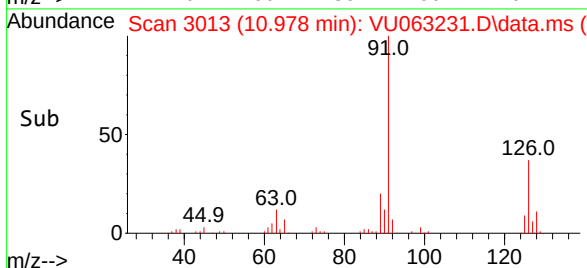
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

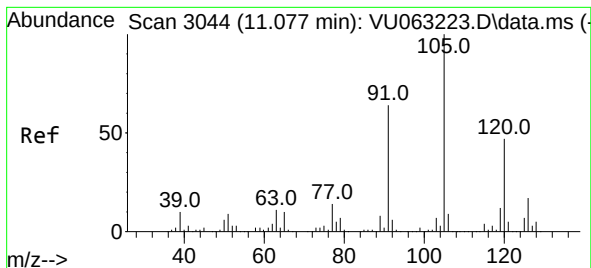


#74
2-Chlorotoluene
Concen: 1.935 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



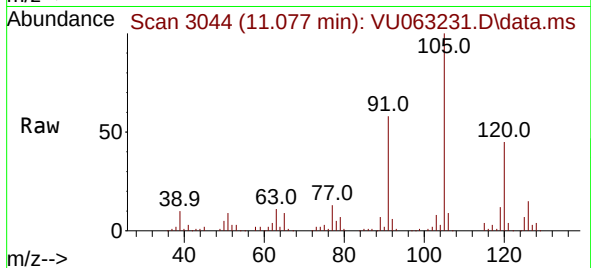
Tgt Ion:126 Resp: 30928
Ion Ratio Lower Upper
126 100
91 305.5 0.0 623.8





#75
1,3,5-Trimethylbenzene
Concen: 1.875 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

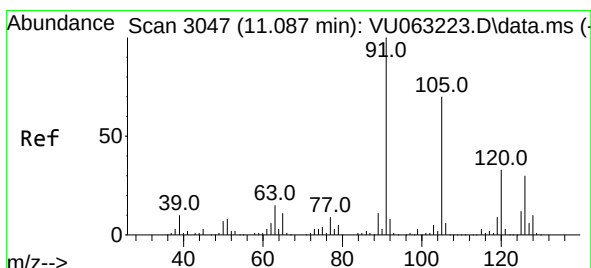
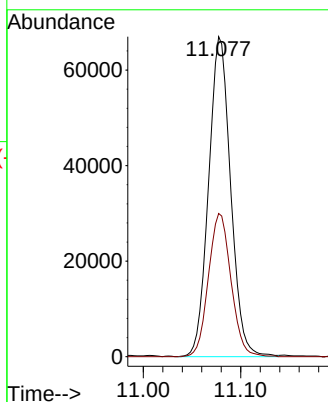
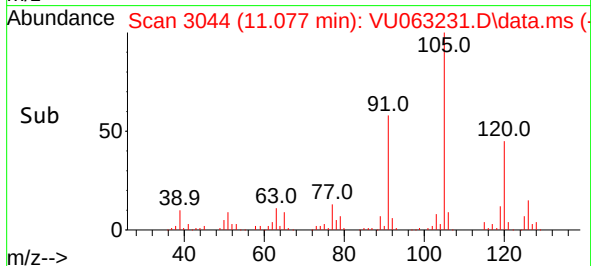
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



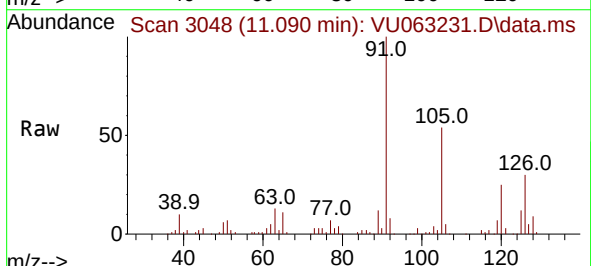
Tgt Ion:105 Resp: 105240
Ion Ratio Lower Upper
105 100
120 45.8 37.3 55.9

Manual Integrations
APPROVED

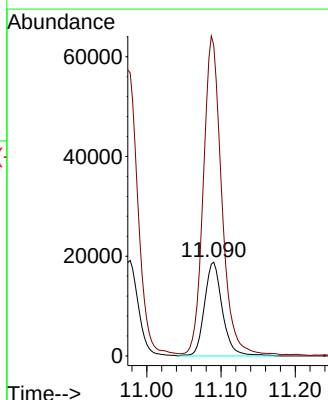
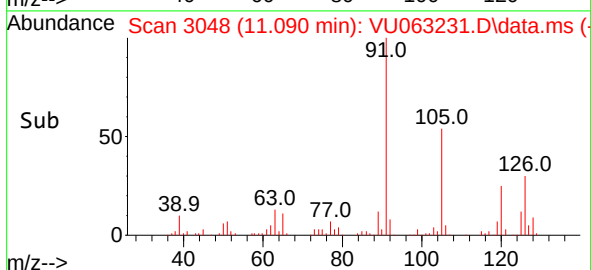
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

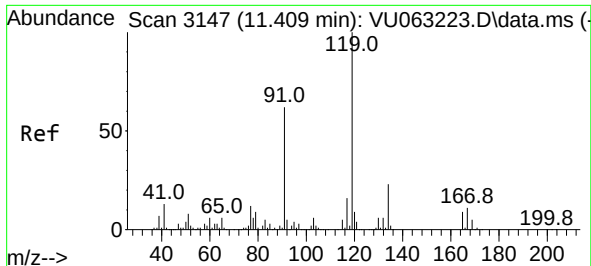


#76
4-Chlorotoluene
Concen: 1.920 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



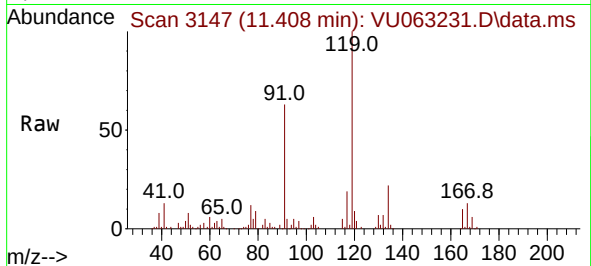
Tgt Ion:126 Resp: 31460
Ion Ratio Lower Upper
126 100
91 346.9 0.0 703.6





#77
tert-Butylbenzene
Concen: 1.858 ug/l
RT: 11.408 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

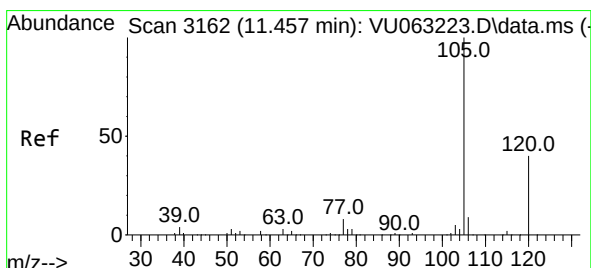
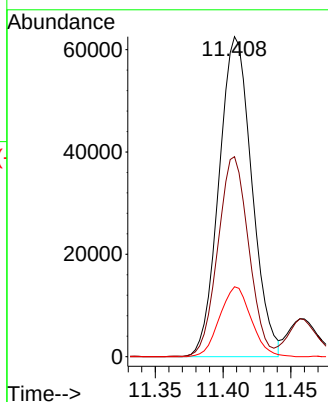
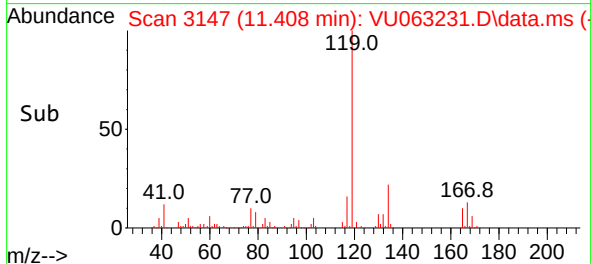
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



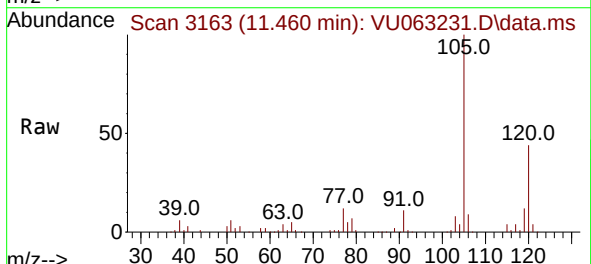
Tgt Ion:119 Resp: 105468
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.3
134 20.9 17.6 26.4

Manual Integrations
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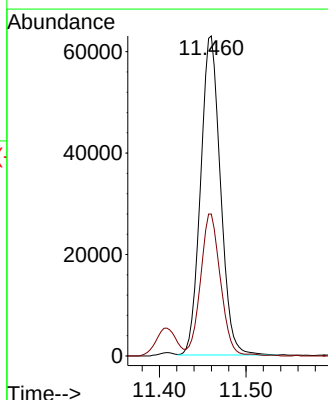
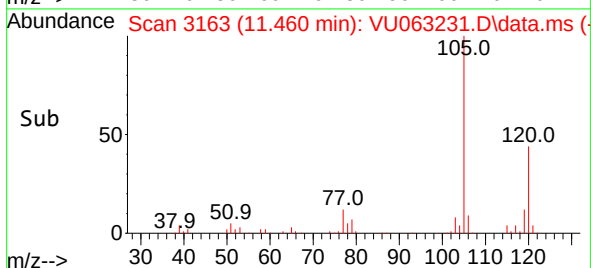
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

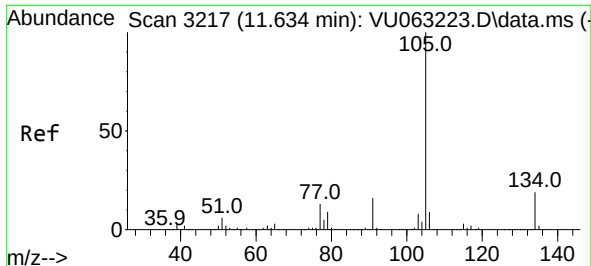


#78
1,2,4-Trimethylbenzene
Concen: 1.801 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion:105 Resp: 100273
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





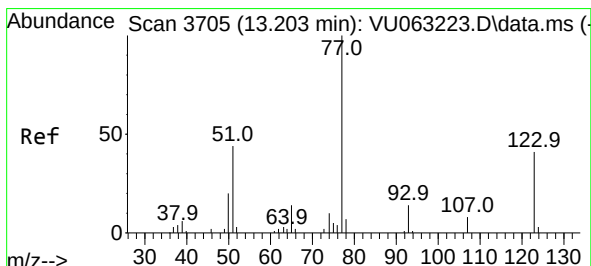
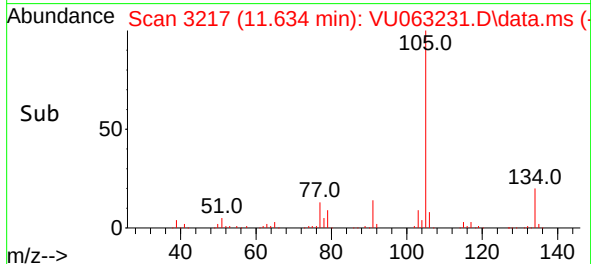
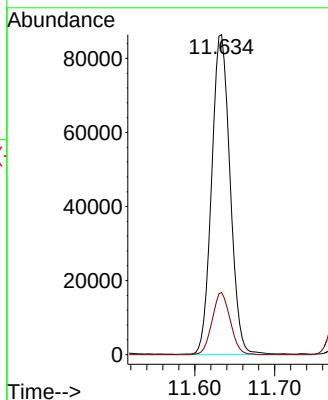
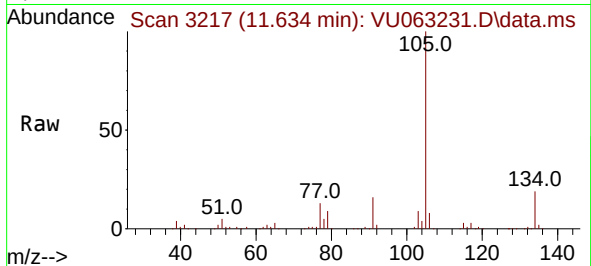
#79
sec-Butylbenzene
Concen: 1.904 ug/l
RT: 11.634 min Scan# 3170
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:105 Resp: 137558
Ion Ratio Lower Upper
105 100
134 19.2 15.1 22.7

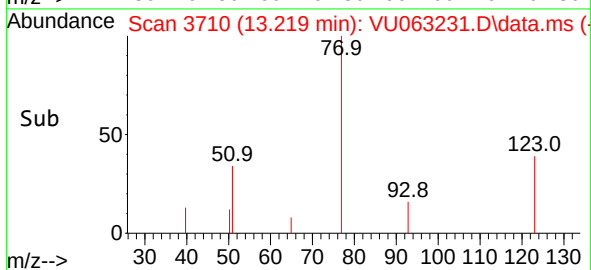
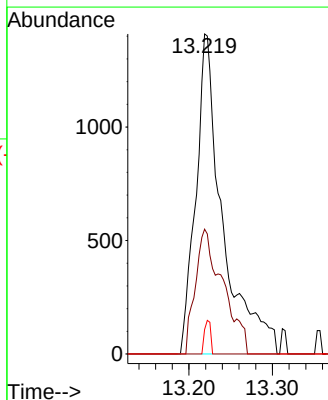
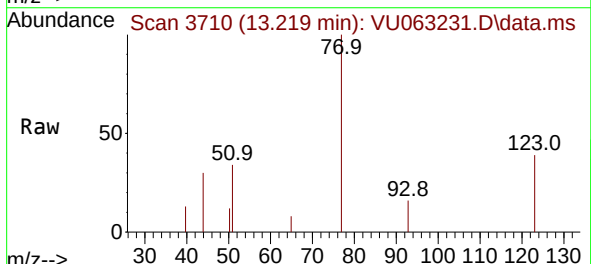
Manual Integrations
APPROVED

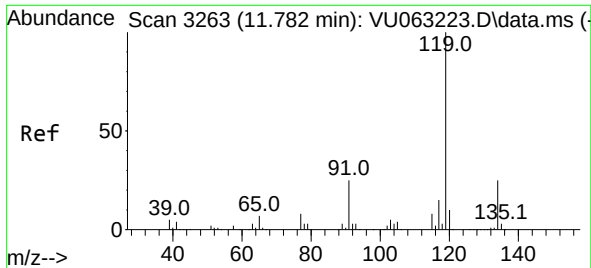
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#80
Nitrobenzene
Concen: 9.901 ug/l m
RT: 13.219 min Scan# 3710
Delta R.T. 0.016 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 77 Resp: 3153
Ion Ratio Lower Upper
77 100
123 40.1 18.9 67.1
65 2.4 11.9 15.1#





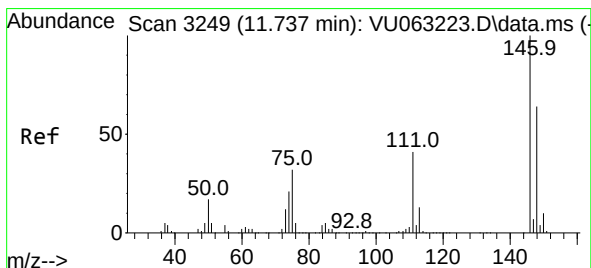
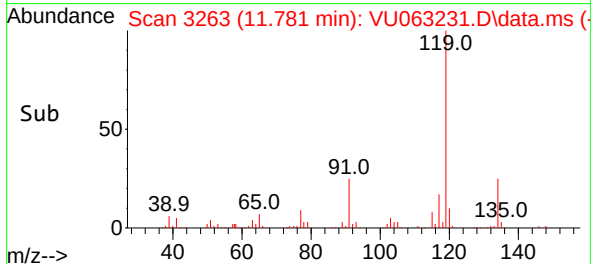
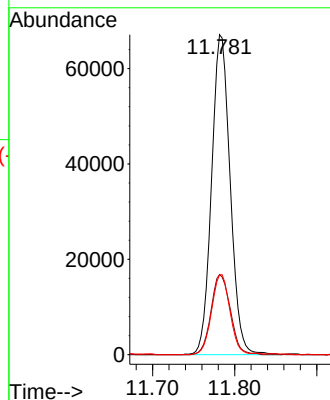
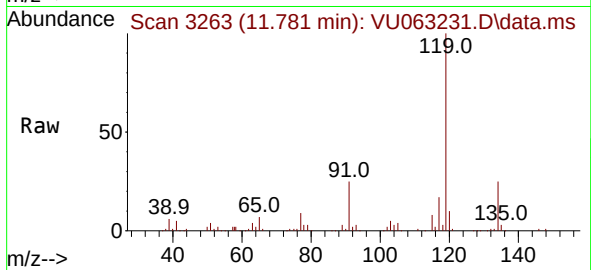
#81
p-Isopropyltoluene
Concen: 1.854 ug/l
RT: 11.781 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01

Tgt Ion:119 Resp: 10570
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 24.7 19.4 29.2

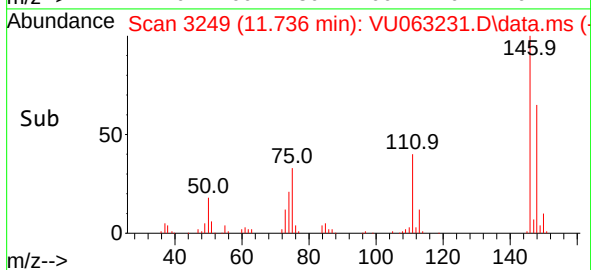
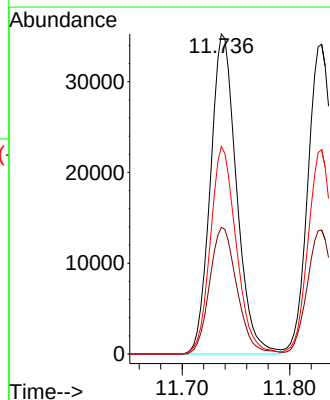
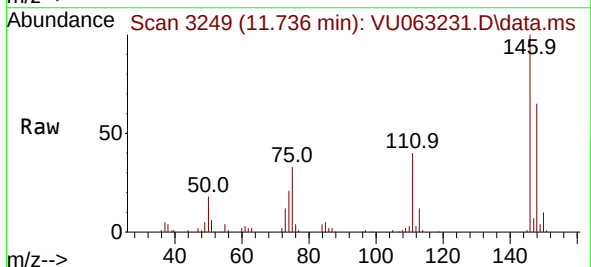
Manual Integrations
APPROVED

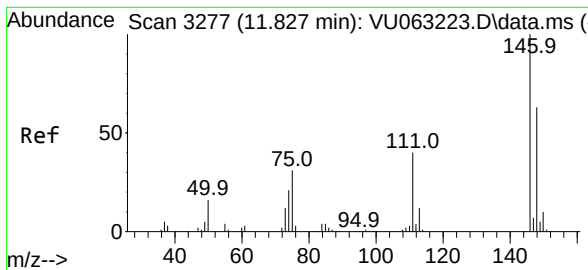
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 1.882 ug/l
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

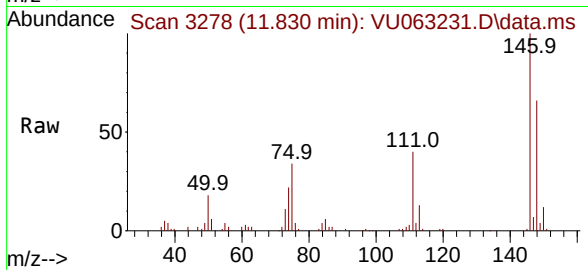
Tgt Ion:146 Resp: 59568
Ion Ratio Lower Upper
146 100
111 41.4 32.8 49.2
148 64.2 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 1.851 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

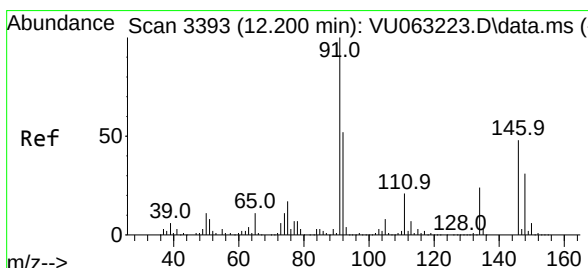
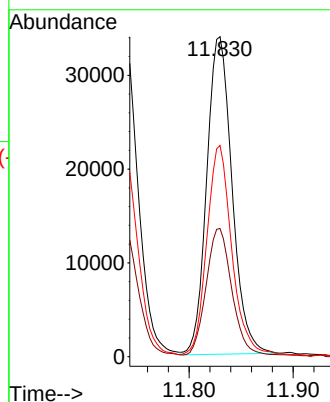
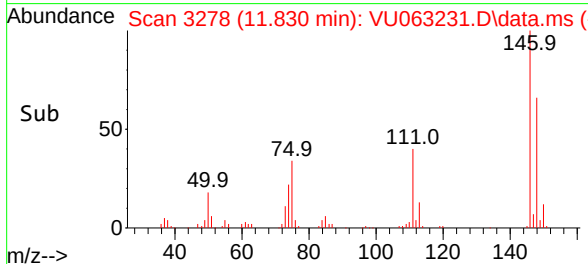
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



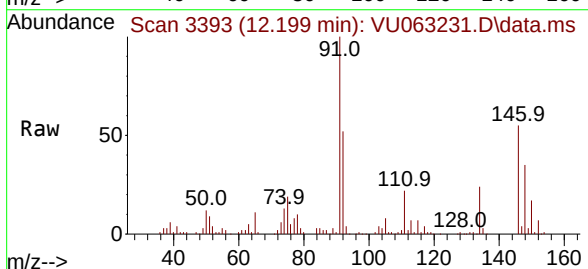
Tgt Ion:146 Resp: 57308
Ion Ratio Lower Upper
146 100
111 41.1 32.1 48.1
148 67.1 50.2 75.4

Manual Integrations
APPROVED

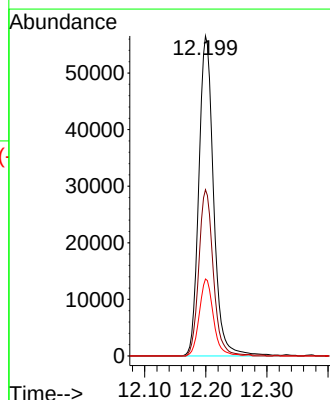
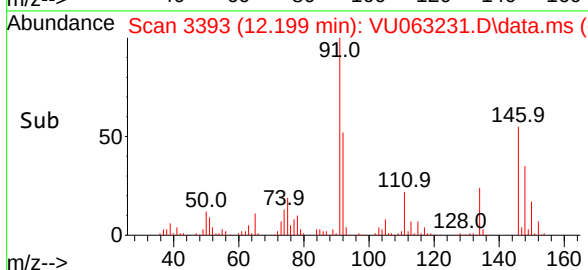
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

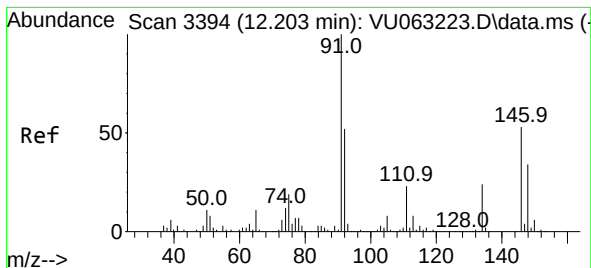


#84
n-Butylbenzene
Concen: 1.854 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion: 91 Resp: 94788
Ion Ratio Lower Upper
91 100
92 51.0 41.8 62.8
134 23.1 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 1.891 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

Tgt Ion:146 Resp: 57519

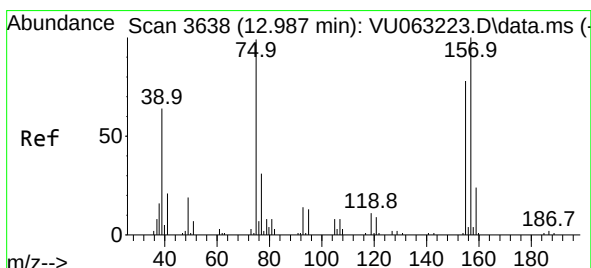
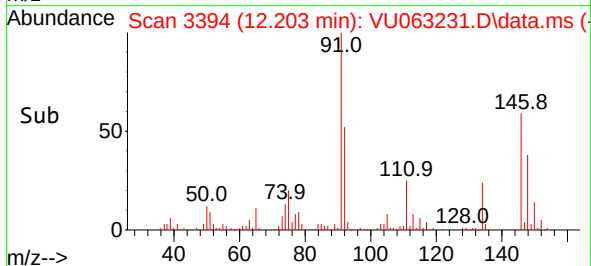
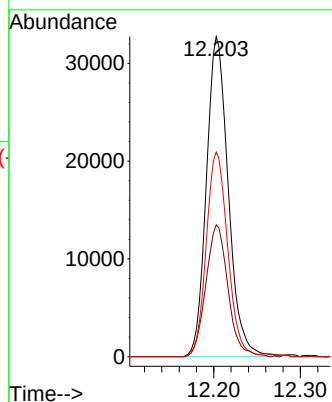
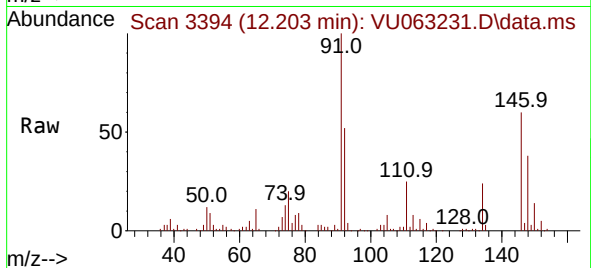
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.9	65.7
148	62.5	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.822 ug/l

RT: 12.987 min Scan# 3638

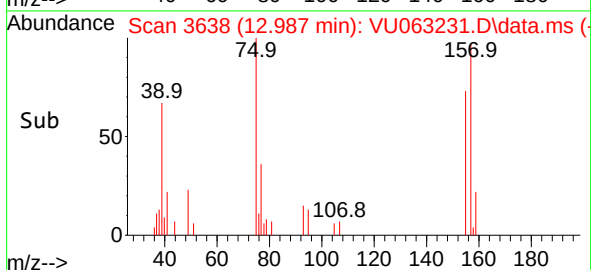
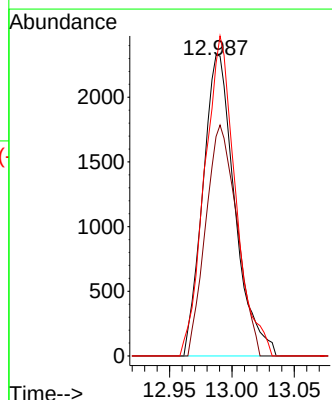
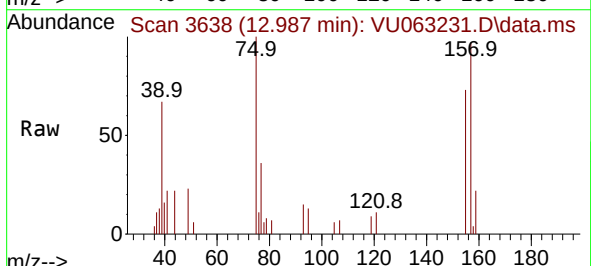
Delta R.T. -0.000 min

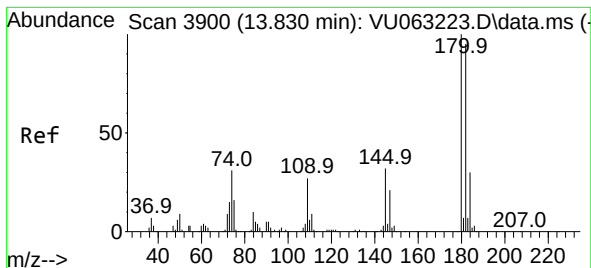
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 75 Resp: 4147

Ion	Ratio	Lower	Upper
75	100		
155	75.1	63.5	95.3
157	103.0	81.8	122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.027 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

VU0211WBSD01

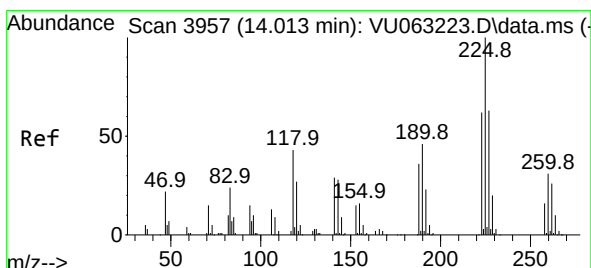
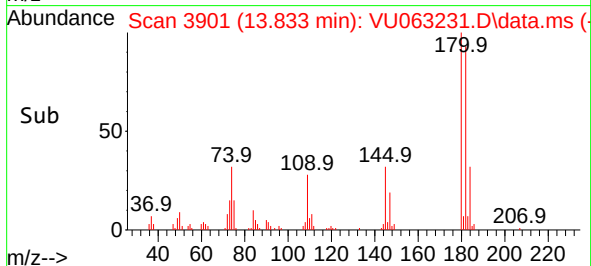
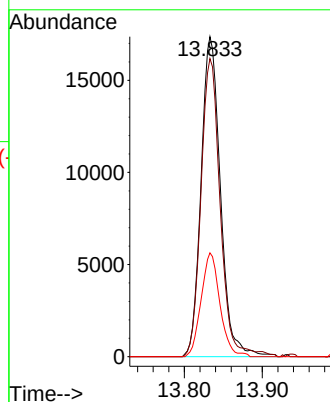
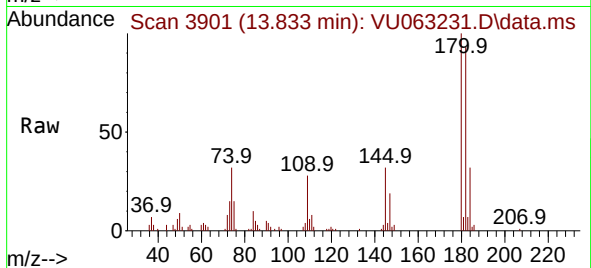
Tgt Ion:180	Resp:	3006
Ion Ratio	Lower	Upper
180	100	
182	91.7	76.6 115.0
145	31.5	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#88

Hexachlorobutadiene

Concen: 1.948 ug/l

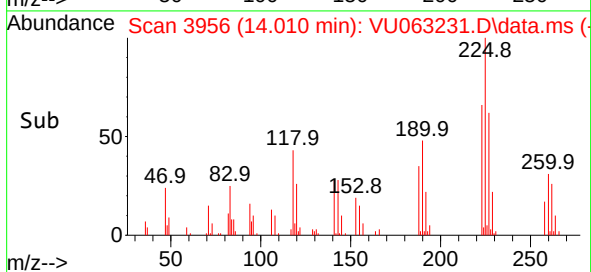
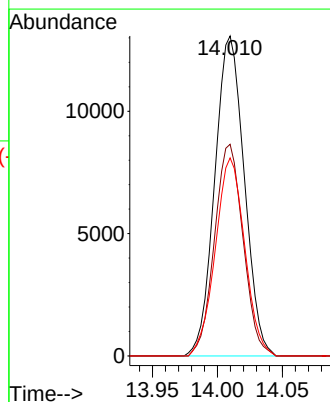
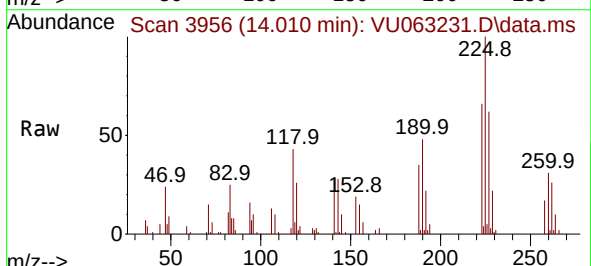
RT: 14.010 min Scan# 3956

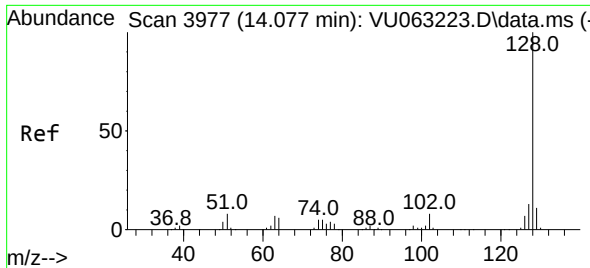
Delta R.T. -0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

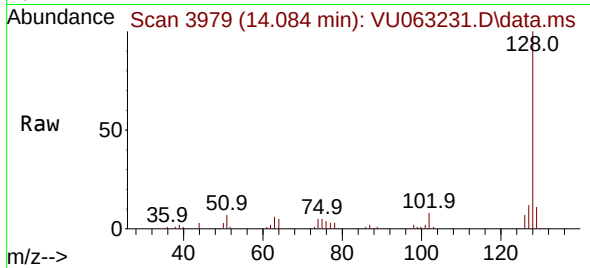
Tgt Ion:225	Resp:	20647
Ion Ratio	Lower	Upper
225	100	
223	64.0	49.5 74.3
227	61.5	51.0 76.4





#89
Naphthalene
Concen: 2.069 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

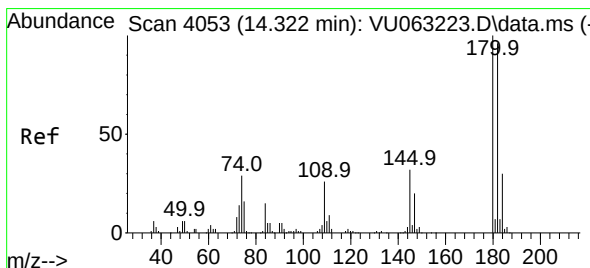
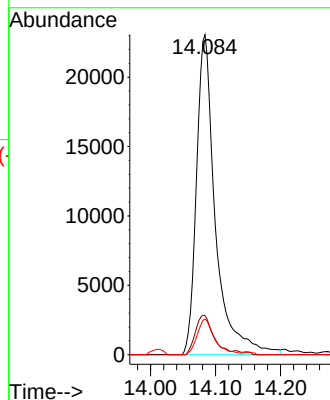
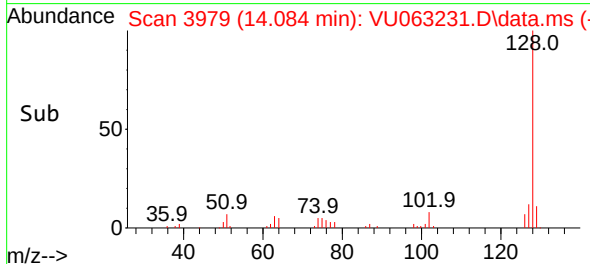
Instrument :
MSVOA_U
ClientSampleId :
VU0211WBSD01



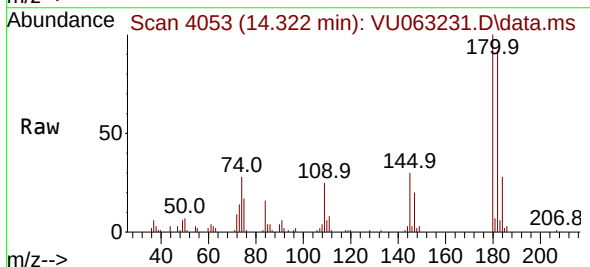
Tgt Ion:128 Resp: 46812
Ion Ratio Lower Upper
128 100
127 11.7 10.6 16.0
129 10.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#90
1,2,3-Trichlorobenzene
Concen: 1.952 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion:180 Resp: 28334
Ion Ratio Lower Upper
180 100
182 96.0 78.2 117.2
145 31.6 26.1 39.1

