

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063246.D
 Acq On : 11 Feb 2025 19:29
 Operator : MD/SY
 Sample : Q1168-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 12 04:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.107	96	51974	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15706	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	16519	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17505	1.037	ug/l	99
3) Chloromethane	1.518	50	20216	1.040	ug/l	98
4) Vinyl Chloride	1.599	62	20299	1.055	ug/l	98
5) Bromomethane	1.843	94	10530	1.120	ug/l	99
6) Chloroethane	1.923	64	12728	1.050	ug/l	97
7) Trichlorofluoromethane	2.129	101	23077	1.012	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	13388	1.034	ug/l	99
9) 1,1-Dichloroethene	2.570	96	13171	0.999	ug/l	99
10) Iodomethane	2.711	142	21268	1.026	ug/l	98
11) Allyl Chloride	2.914	41	18483	0.976	ug/l	96
12) Acrylonitrile	3.325	53	5955	1.958	ug/l	93
13) Acetone	2.618	43	11679	4.994	ug/l	97
14) Carbon Disulfide	2.782	76	45578	0.989	ug/l	98
15) Methylene Chloride	3.033	84	16716	1.026	ug/l	96
16) trans-1,2-Dichloroethene	3.345	96	15504	1.030	ug/l	97
17) 1,1-Dichloroethane	3.856	63	28786	1.015	ug/l	99
18) 2-Butanone	4.714	43	18864m	5.068	ug/l	
19) Cyclohexane	5.377	56	21722m	0.953	ug/l	
20) Methylcyclohexane	6.753	83	20763	0.919	ug/l	99
21) 2,2-Dichloropropane	4.650	77	21849	0.987	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	16607	1.021	ug/l	97
23) Diethyl Ether	2.367	59	10851	0.959	ug/l	97
24) tert-Butyl Alcohol	3.168	59	18169	13.201	ug/l #	90
25) Methyl tert-Butyl Ether	3.351	73	32254	0.979	ug/l	96
26) Bromochloromethane	4.968	128	7198	1.013	ug/l	98
27) Chloroform	5.074	83	29036	1.014	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	24100	1.039	ug/l	97
29) 1,1-Dichloropropene	5.515	75	20156	0.970	ug/l	97
30) Carbon Tetrachloride	5.512	117	19692	0.990	ug/l	96
31) Isopropyl Ether	3.978	45	39581	0.977	ug/l	97
32) Ethyl-t-butyl ether	4.486	59	35125	0.954	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	30535	0.949	ug/l	98
34) Propionitrile	4.788	54	5726m	5.101	ug/l	
35) Benzene	5.766	78	62957	0.986	ug/l	100
36) 1,2-Dichloroethane	5.785	62	18950	1.028	ug/l	99
37) Trichloroethene	6.534	130	15469	1.019	ug/l	96
38) 1,2-Dichloropropane	6.782	63	17038	1.019	ug/l	100
39) Methacrylonitrile	4.978	41	4066	0.972	ug/l #	89
40) Methyl acrylate	4.872	55	7194m	0.933	ug/l	
41) Tetrahydrofuran	5.052	42	5143m	2.114	ug/l	
42) 1-Chlorobutane	5.447	56	27157	0.956	ug/l	98
43) Dibromomethane	6.910	93	8503	1.005	ug/l	97
44) Bromodichloromethane	7.094	83	20136	1.022	ug/l	98

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 LOQ-WATER-02-QT1-2025

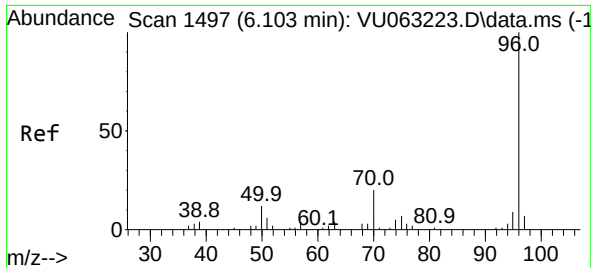
Quant Time: Feb 12 04:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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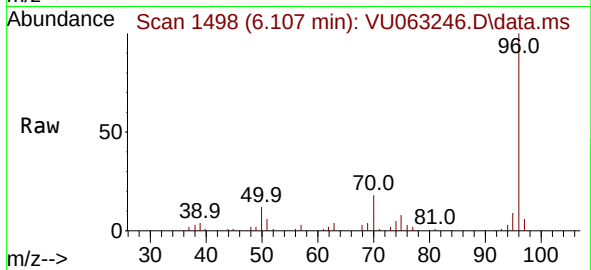
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	39261	4.425	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	8135m	1.950	ug/l	
47) Methyl methacrylate	6.959	69	13040	1.829	ug/l	97
48) Ethyl methacrylate	8.328	69	11801	0.882	ug/l	99
49) Toluene	7.962	92	35801	0.975	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	16798	0.931	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	20404	0.916	ug/l	97
52) 1,1,2-Trichloroethane	8.389	97	11925	1.045	ug/l	96
53) 1,3-Dichloropropane	8.566	76	20040	0.989	ug/l	95
54) 2-Hexanone	8.679	43	26203m	4.327	ug/l	
55) Dibromochloromethane	8.798	129	13213	1.006	ug/l	99
56) 1,2-Dibromoethane	8.917	107	10519	0.983	ug/l	99
58) Tetrachloroethene	8.544	164	13132	1.049	ug/l	97
59) Chlorobenzene	9.441	112	38104	0.983	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	14355	1.030	ug/l	97
61) Pentachloroethane	11.415	117	11604	0.932	ug/l	99
62) Hexachloroethane	12.463	117	10423	0.947	ug/l	98
63) Ethyl Benzene	9.560	91	61150	0.915	ug/l	98
64) m/p-Xylenes	9.685	106	44567	1.785	ug/l	100
65) o-Xylene	10.090	106	21490	0.879	ug/l	93
66) Styrene	10.110	104	33754	0.868	ug/l	98
67) Bromoform	10.280	173	7121	0.956	ug/l	99
69) Isopropylbenzene	10.473	105	51435	0.895	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	14934	0.971	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	10599m	0.917	ug/l	
72) Bromobenzene	10.775	156	15702	1.014	ug/l	96
73) n-propylbenzene	10.897	120	14495	0.881	ug/l	96
74) 2-Chlorotoluene	10.978	126	13394	0.883	ug/l	93
75) 1,3,5-Trimethylbenzene	11.077	105	45393	0.853	ug/l	99
76) 4-Chlorotoluene	11.090	126	13466	0.866	ug/l	98
77) tert-Butylbenzene	11.409	119	47780	0.887	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	42279	0.800	ug/l	99
79) sec-Butylbenzene	11.634	105	61994	0.904	ug/l	98
80) Nitrobenzene	13.241	77	1361m	3.720	ug/l	
81) p-Isopropyltoluene	11.782	119	45763	0.846	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	27959	0.931	ug/l	95
83) 1,4-Dichlorobenzene	11.830	146	27447	0.934	ug/l	99
84) n-Butylbenzene	12.203	91	40948	0.844	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	26866	0.931	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1672	0.774	ug/l	85
87) 1,2,4-Trichlorobenzene	13.836	180	12041	0.856	ug/l	97
88) Hexachlorobutadiene	14.010	225	9405	0.935	ug/l	95
89) Naphthalene	14.087	128	17734m	0.782	ug/l	
90) 1,2,3-Trichlorobenzene	14.325	180	12281	0.892	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

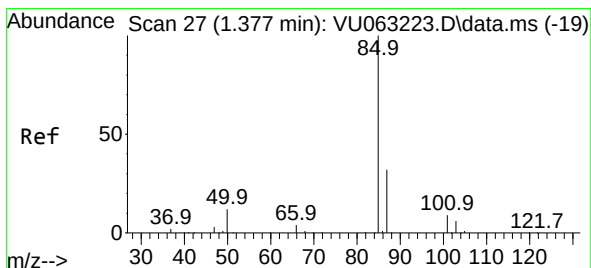
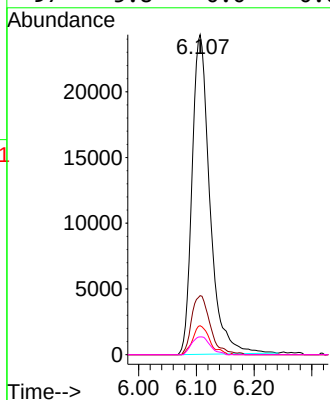
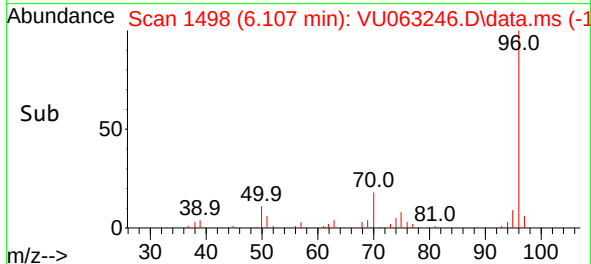
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion	Ratio	Lower	Upper
96	100		
70	18.6	15.6	23.4
95	8.7	7.3	10.9
97	5.8	0.0	0.0

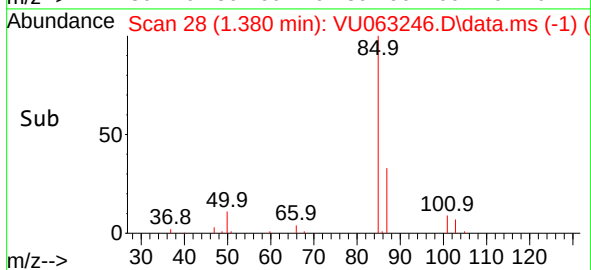
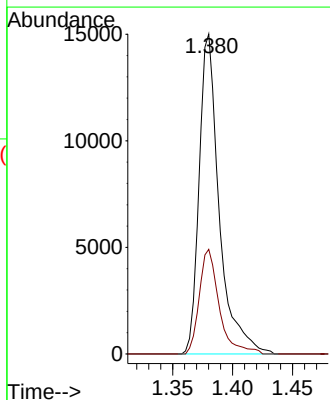
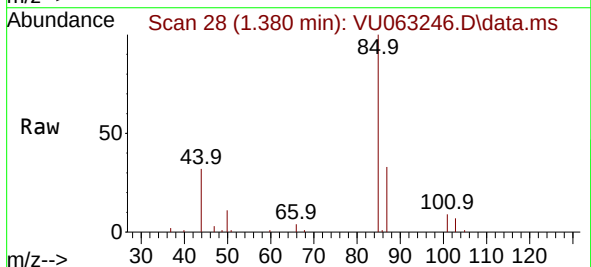
Manual Integrations
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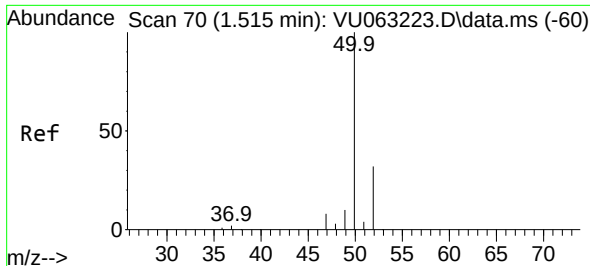
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 1.037 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	48.0





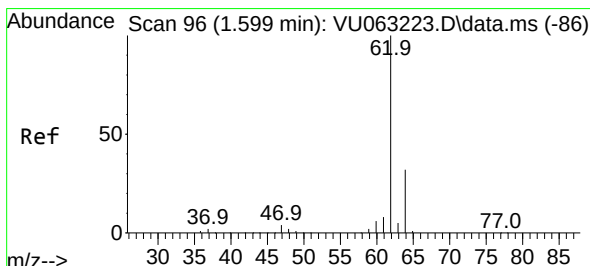
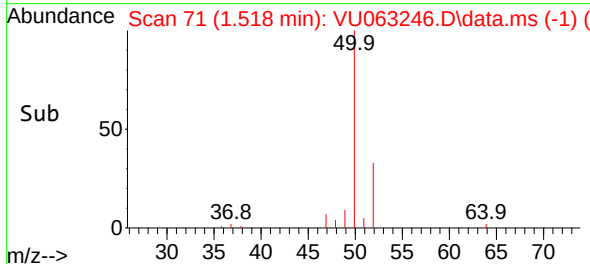
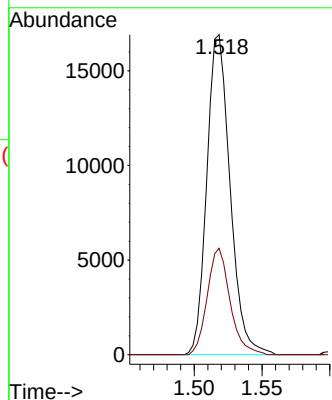
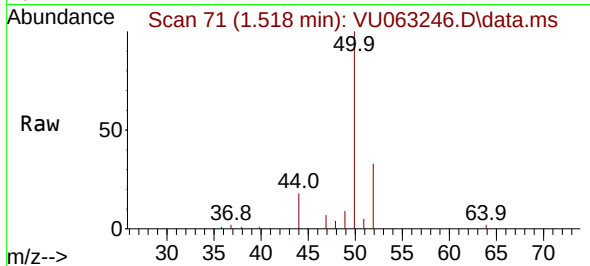
#3
Chloromethane
Concen: 1.040 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 50 Resp: 20210
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8

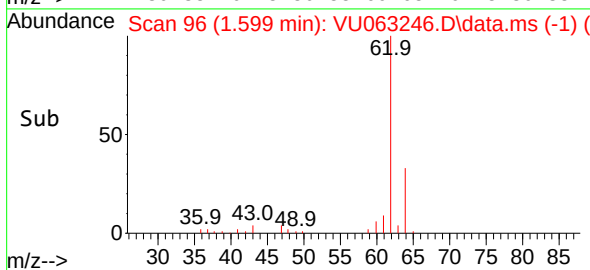
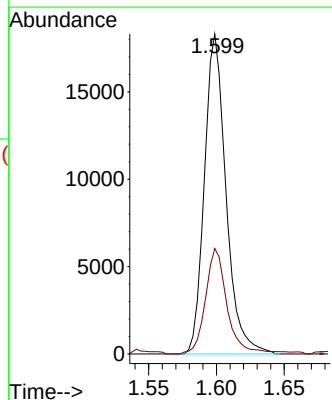
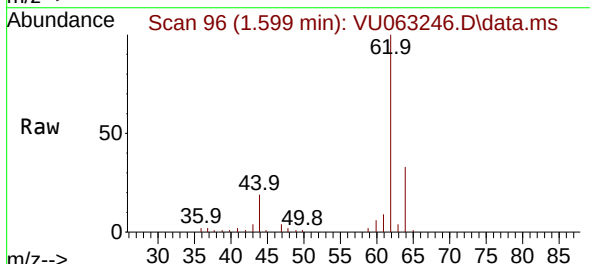
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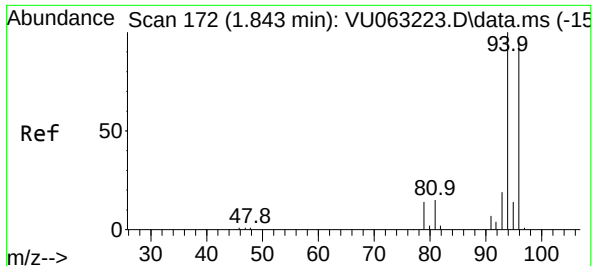
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 1.055 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

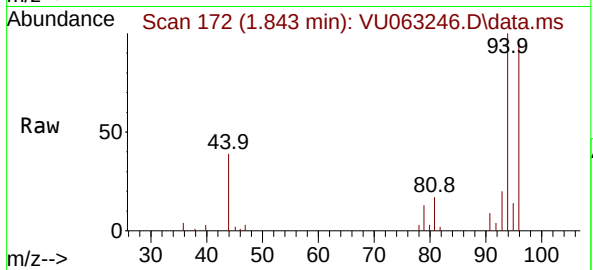
Tgt Ion: 62 Resp: 20299
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 1.120 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

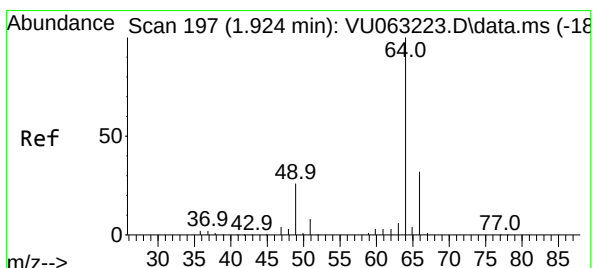
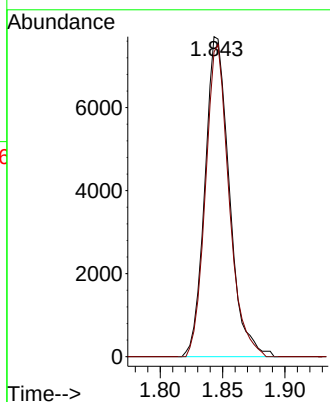
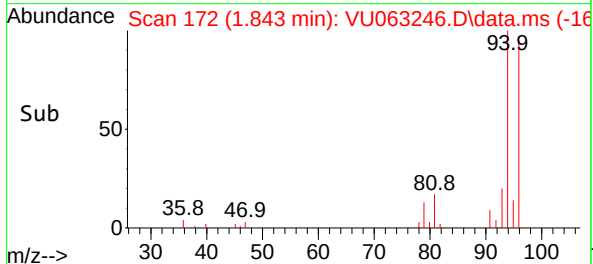
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 10530
Ion Ratio Lower Upper
94 100
96 95.2 75.7 113.5

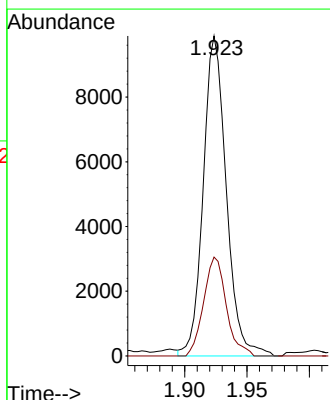
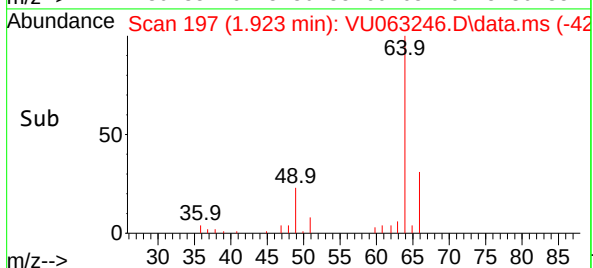
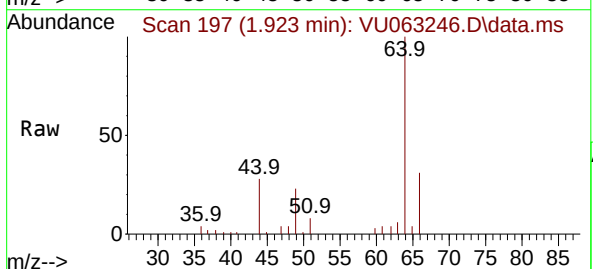
Manual Integrations
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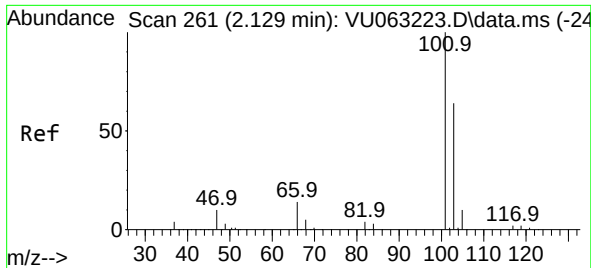
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 1.050 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

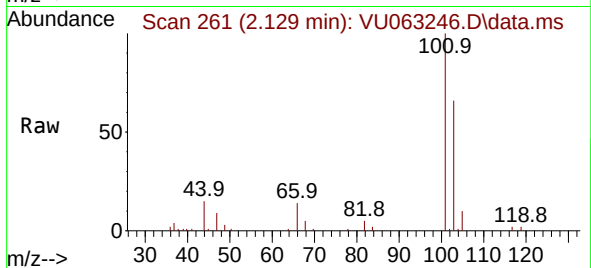
Tgt Ion: 64 Resp: 12728
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.012 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

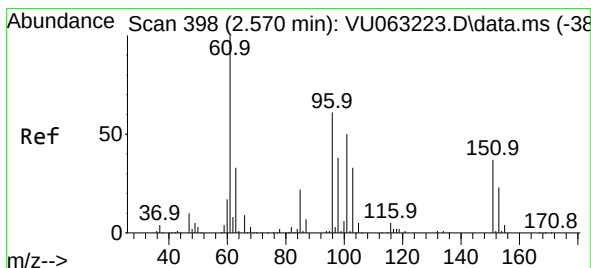
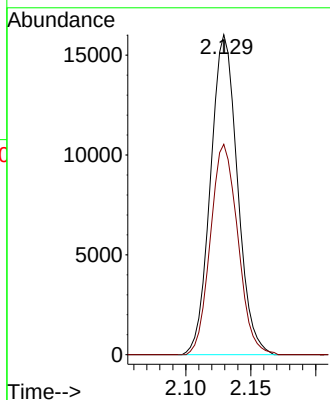
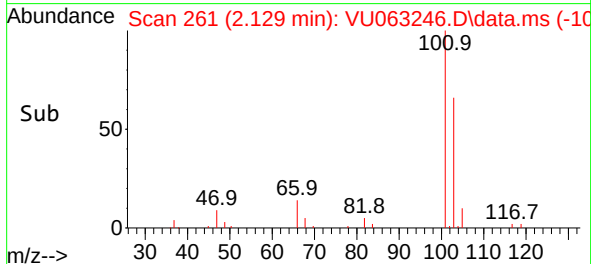
Instrument : MSVOA_U
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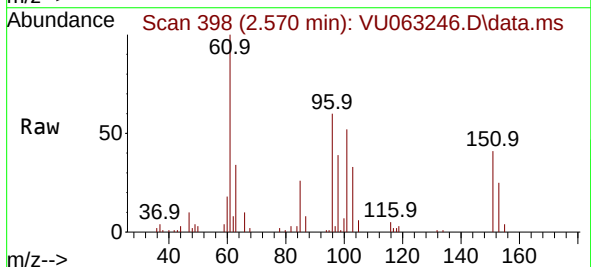
Tgt Ion:101 Resp: 2307
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2

Manual Integrations
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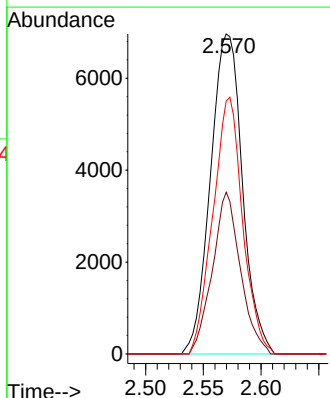
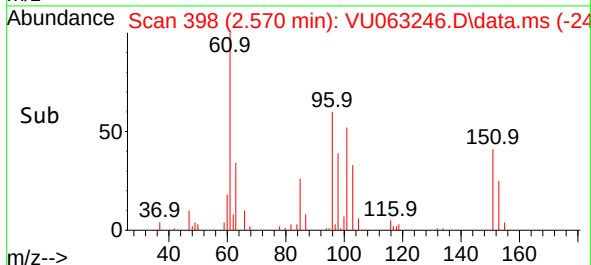
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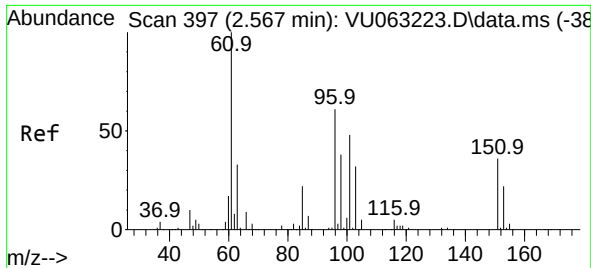


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.034 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29



Tgt Ion:101 Resp: 13388
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.4 53.0
 151 74.6 58.5 87.7





#9

1,1-Dichloroethene

Concen: 0.999 ug/l

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

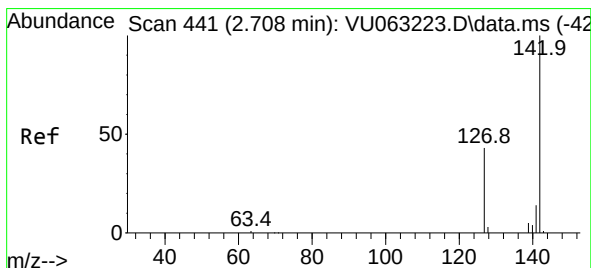
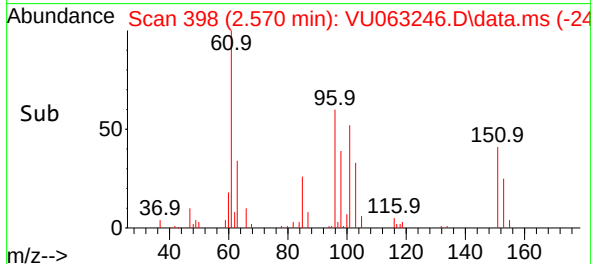
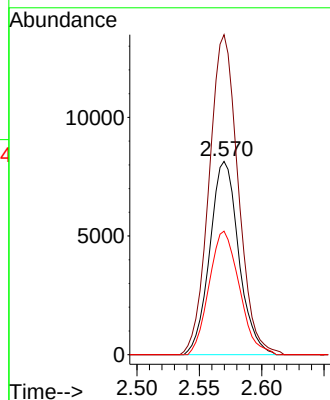
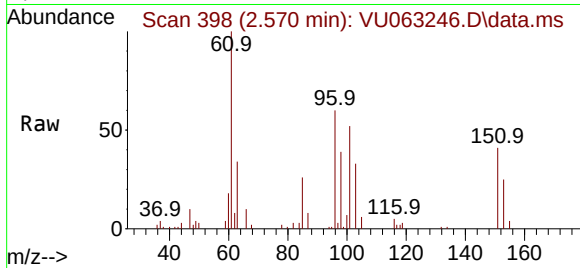
Tgt Ion: 96	Resp: 1317
Ion Ratio	Lower Upper
96 100	
61 165.6	0.0 492.9
98 63.9	0.0 124.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/12/2025



#10

Iodomethane

Concen: 1.026 ug/l

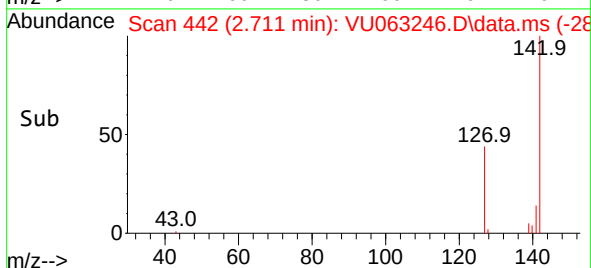
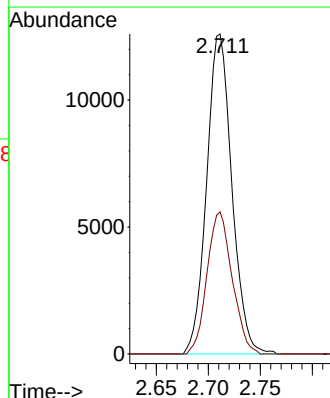
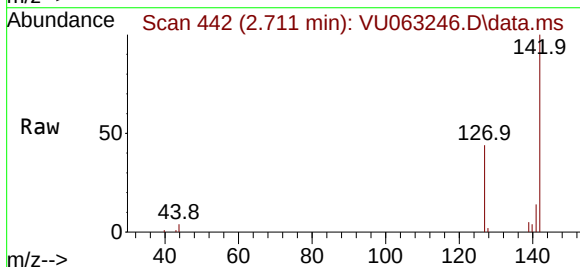
RT: 2.711 min Scan# 442

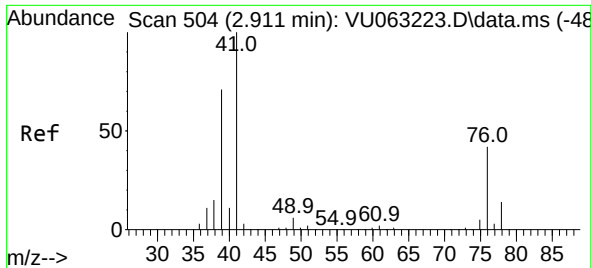
Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion:142	Resp: 21268
Ion Ratio	Lower Upper
142 100	
127 44.2	34.5 51.7





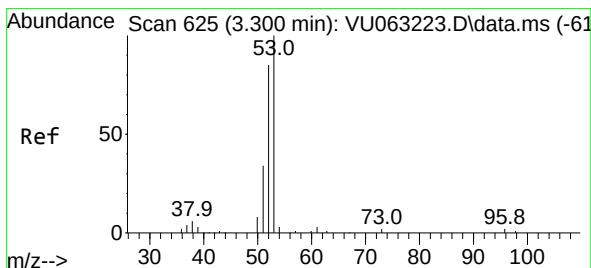
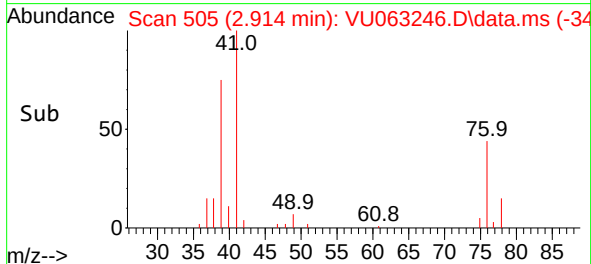
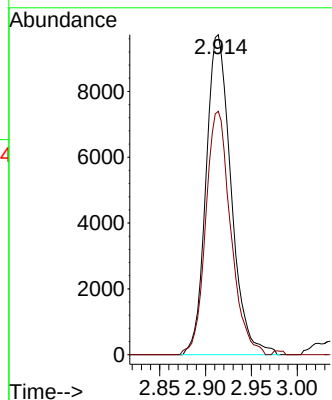
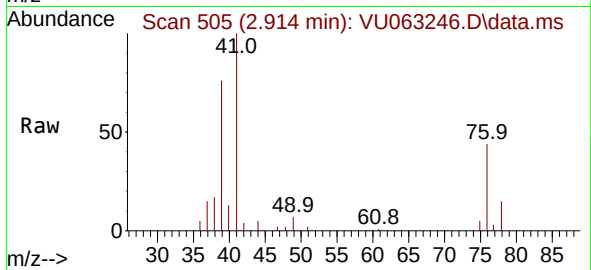
#11
 Allyl Chloride
 Concen: 0.976 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 41 Resp: 1848
 Ion Ratio Lower Upper
 41 100
 39 75.9 57.9 86.9

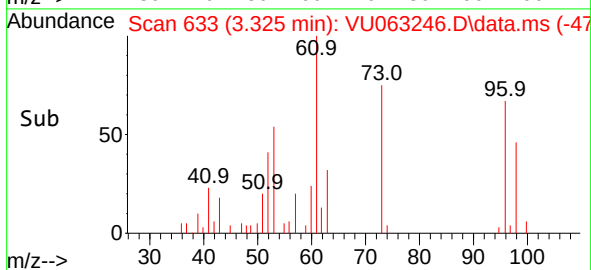
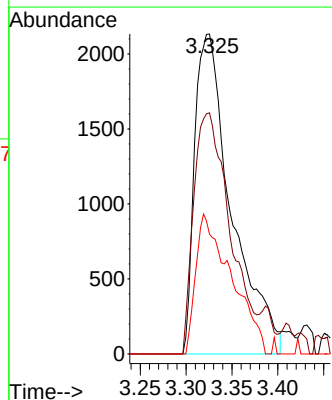
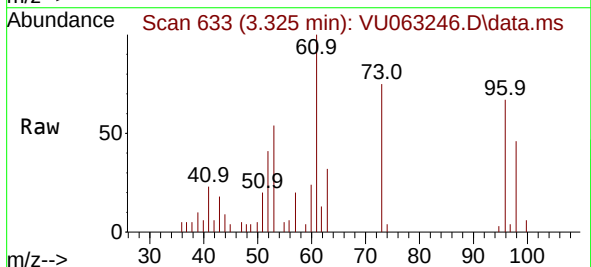
Manual Integrations
 APPROVED

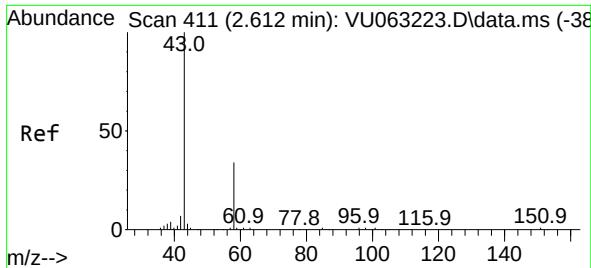
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#12
 Acrylonitrile
 Concen: 1.958 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.026 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Tgt Ion: 53 Resp: 5955
 Ion Ratio Lower Upper
 53 100
 52 74.3 64.2 96.2
 51 42.2 30.8 46.2





#13

Acetone

Concen: 4.994 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

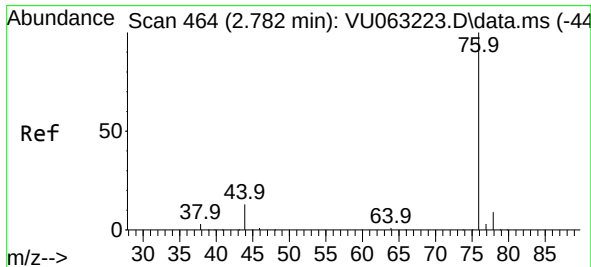
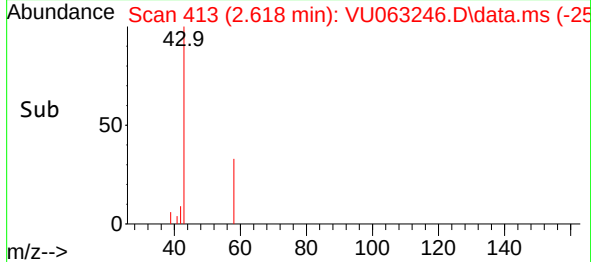
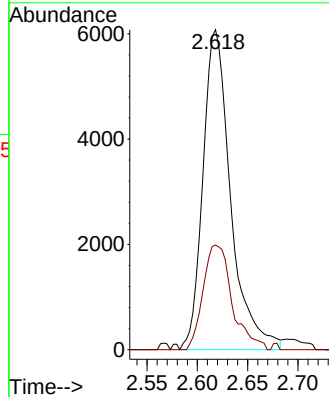
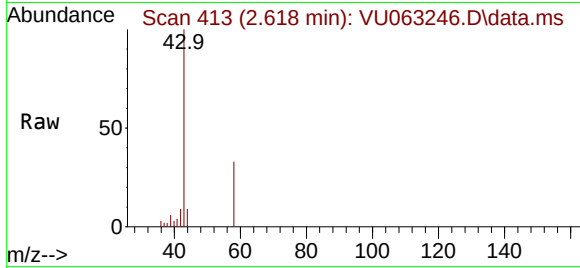
LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 11679
 Ion Ratio Lower Upper
 43 100
 58 32.7 27.4 41.0

Manual Integrations
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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#14

Carbon Disulfide

Concen: 0.989 ug/l

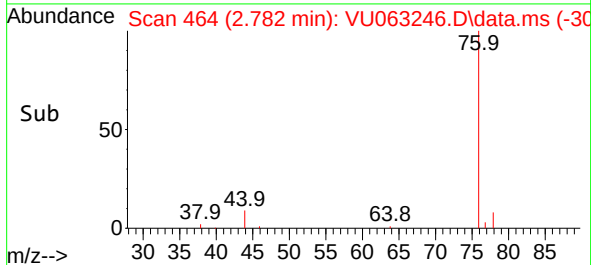
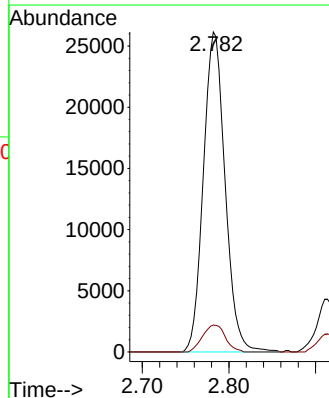
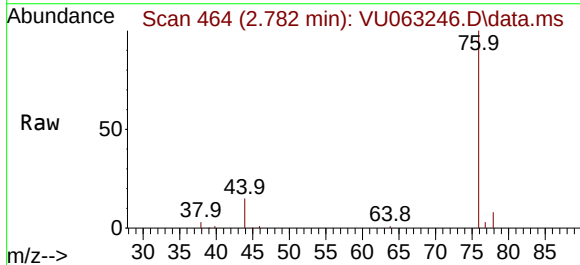
RT: 2.782 min Scan# 464

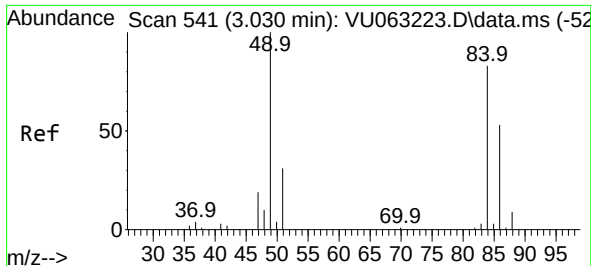
Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

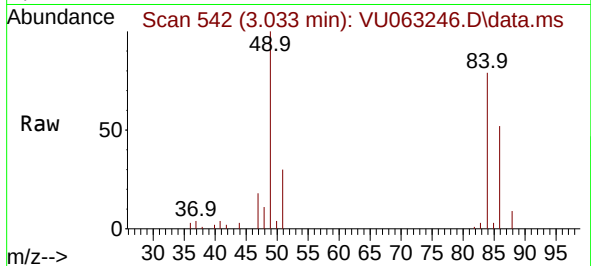
Tgt Ion: 76 Resp: 45578
 Ion Ratio Lower Upper
 76 100
 78 8.4 7.2 10.8





#15
Methylene Chloride
Concen: 1.026 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

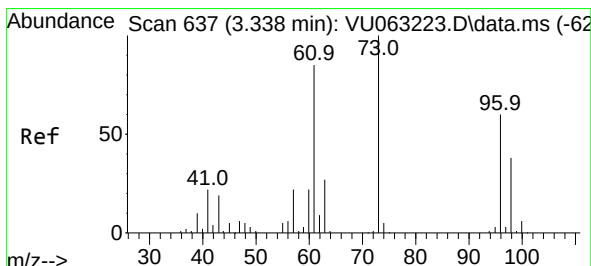
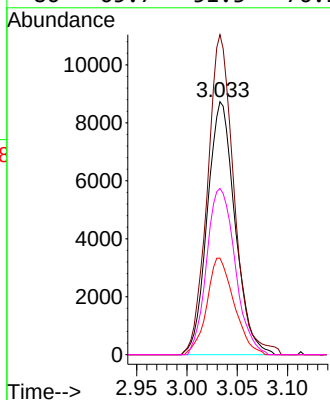
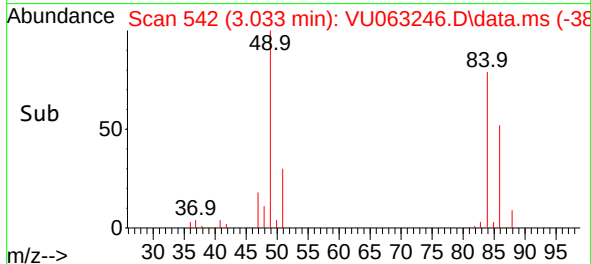
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



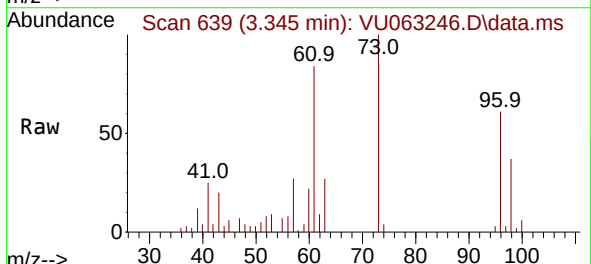
Tgt Ion: 84 Resp: 16710
Ion Ratio Lower Upper
84 100
49 126.5 96.4 144.6
51 38.1 0.0 74.8
86 65.7 51.3 76.9

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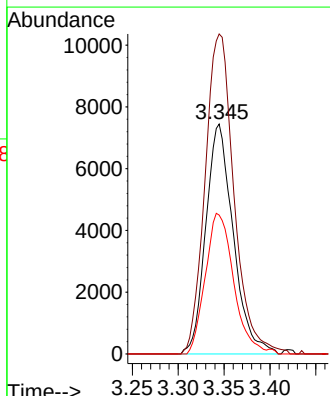
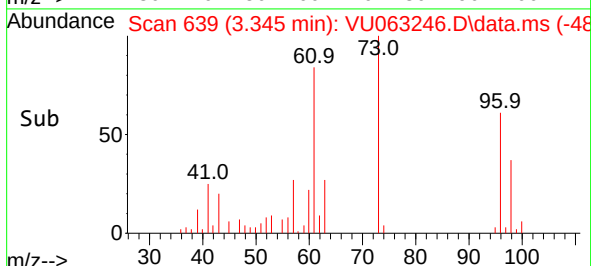
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

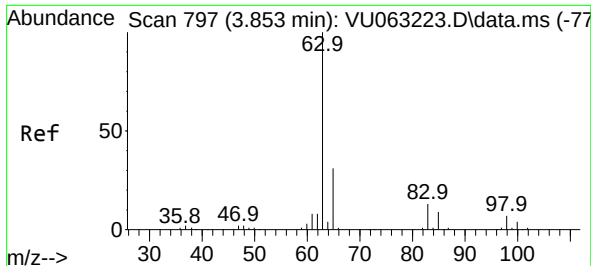


#16
trans-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion: 96 Resp: 15504
Ion Ratio Lower Upper
96 100
61 139.2 113.4 170.2
98 60.4 51.2 76.8





#17

1,1-Dichloroethane

Concen: 1.015 ug/l

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

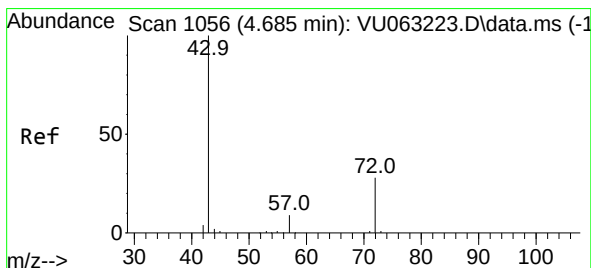
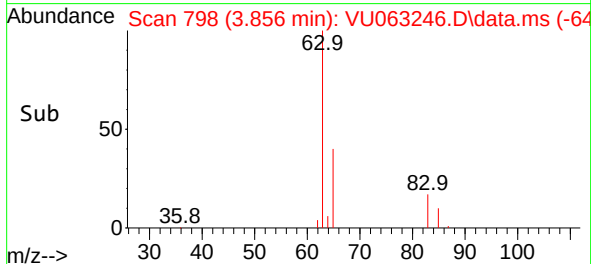
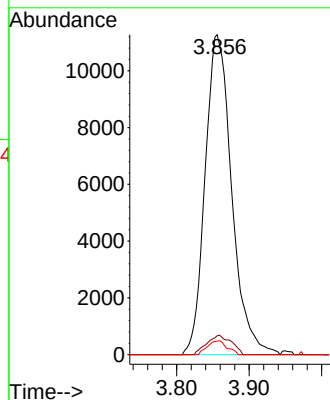
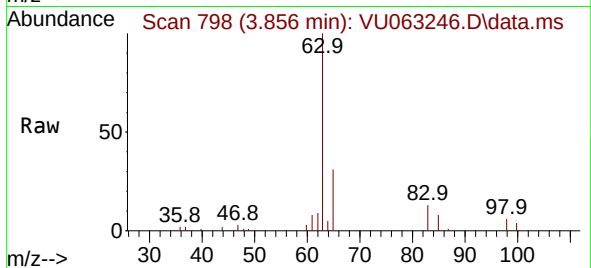
Tgt Ion:	63	Resp:	2878
Ion Ratio	Lower	Upper	
63	100		
98	5.9	3.3	9.9
100	4.3	2.1	6.2

Manual Integrations

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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#18

2-Butanone

Concen: 5.068 ug/l m

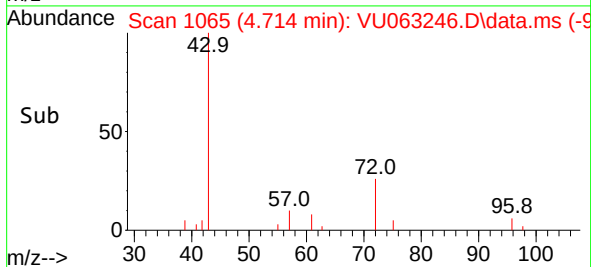
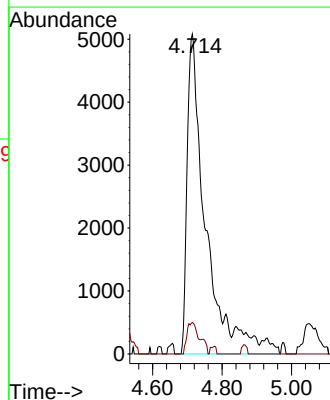
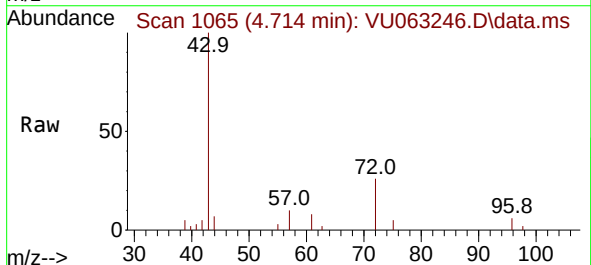
RT: 4.714 min Scan# 1065

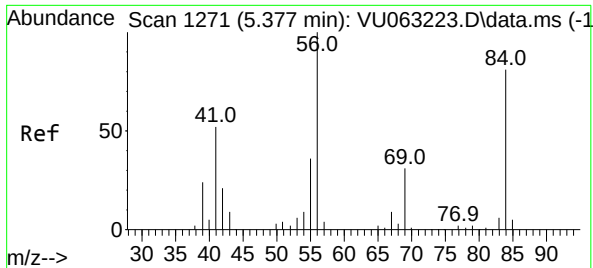
Delta R.T. 0.029 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

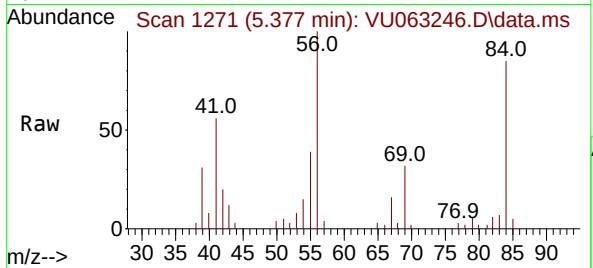
Tgt Ion:	43	Resp:	18864
Ion Ratio	Lower	Upper	
43	100		
57	9.8	0.0	17.0





#19
Cyclohexane
Concen: 0.953 ug/l m
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

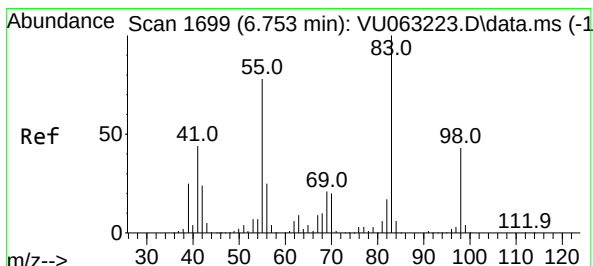
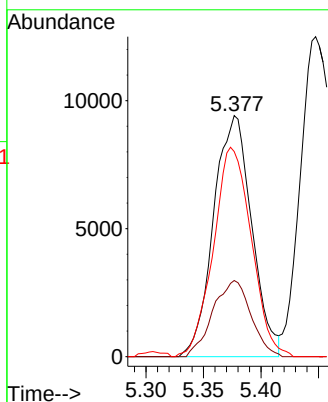
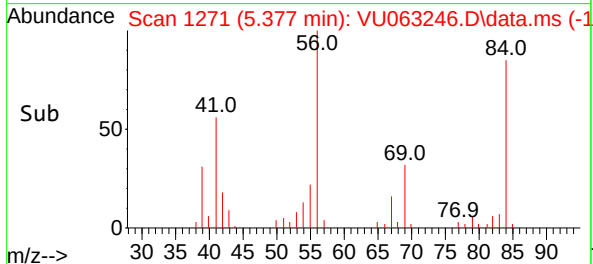
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 56 Resp: 2172
Ion Ratio Lower Upper
56 100
69 31.5 24.5 36.7
84 86.4 65.2 97.8

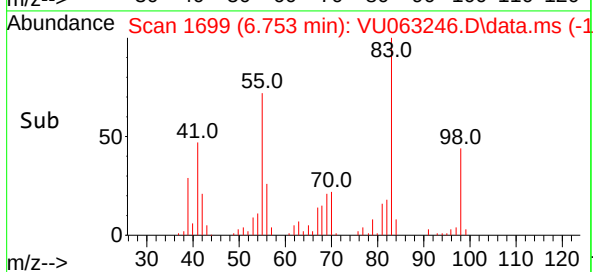
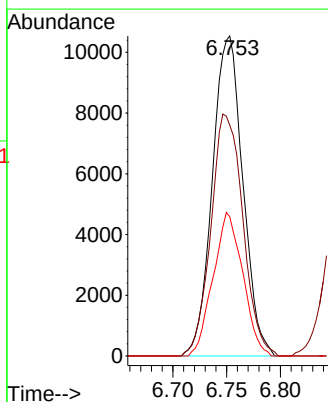
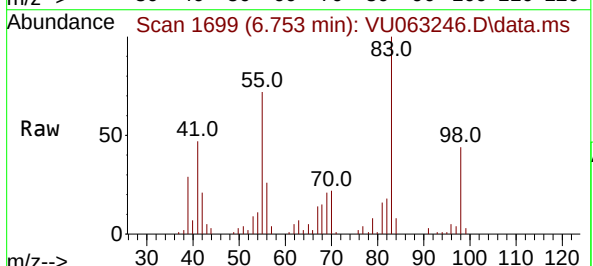
Manual Integrations
APPROVED

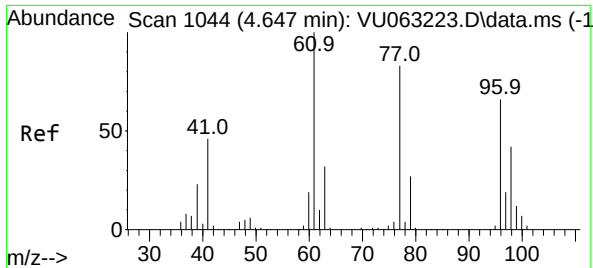
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#20
Methylcyclohexane
Concen: 0.919 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 83 Resp: 20763
Ion Ratio Lower Upper
83 100
55 79.4 63.1 94.7
98 43.7 35.2 52.8





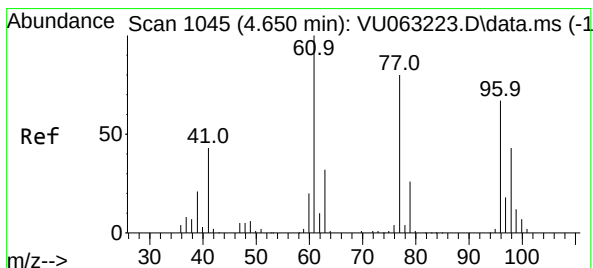
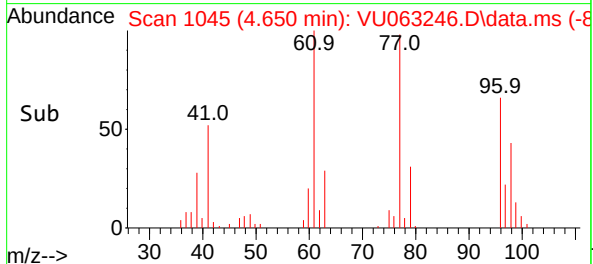
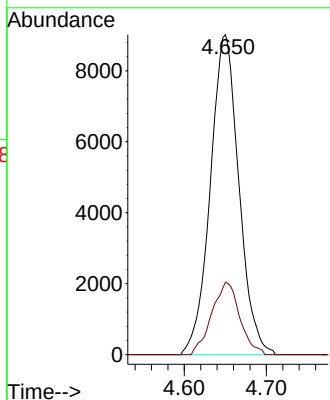
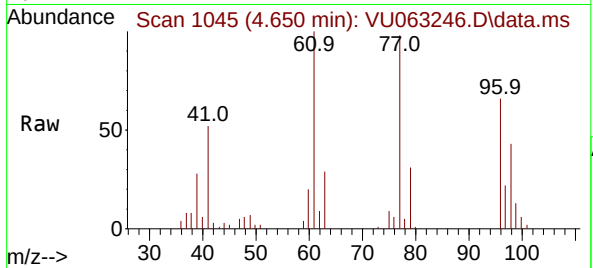
#21
2,2-Dichloropropane
Concen: 0.987 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 77 Resp: 21849
Ion Ratio Lower Upper
77 100
97 22.2 18.5 27.7

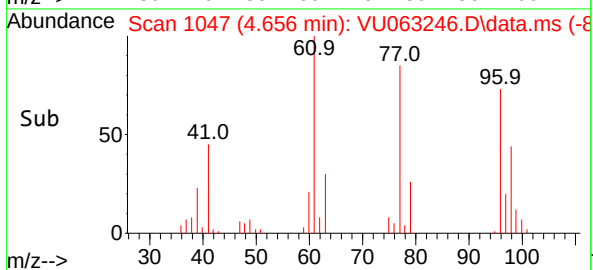
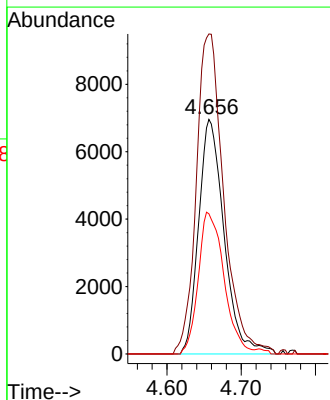
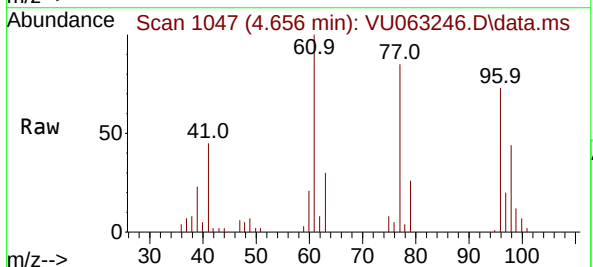
Manual Integrations
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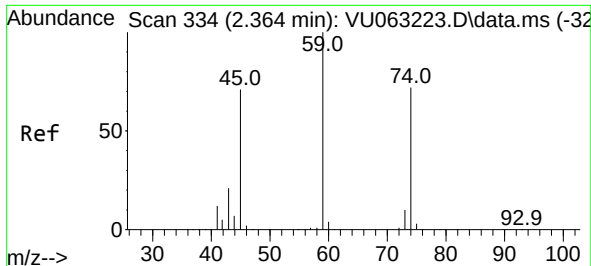
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 1.021 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

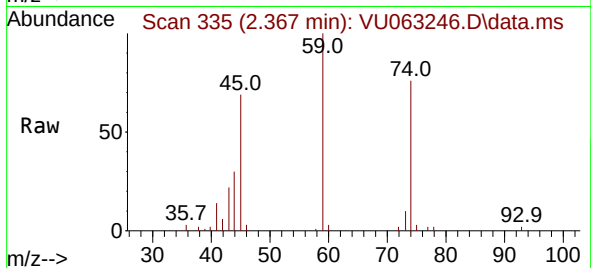
Tgt Ion: 96 Resp: 16607
Ion Ratio Lower Upper
96 100
61 146.8 0.0 373.3
98 60.8 31.9 95.9





#23
Diethyl Ether
Concen: 0.959 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

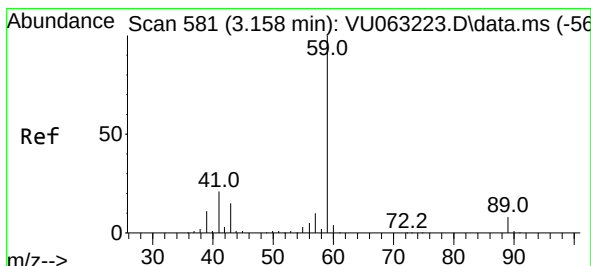
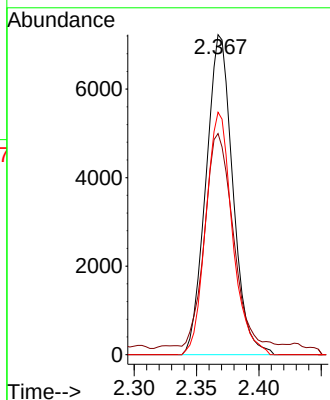
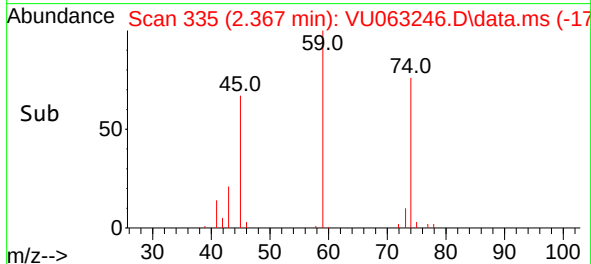
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 59 Resp: 1085
Ion Ratio Lower Upper
59 100
45 69.4 57.8 86.6
74 74.8 57.7 86.5

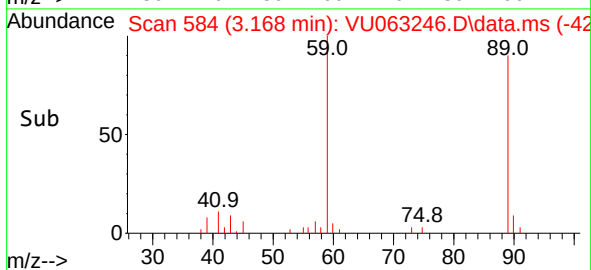
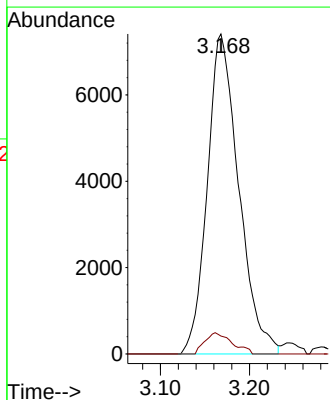
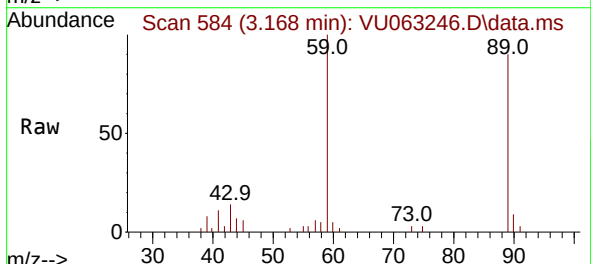
Manual Integrations
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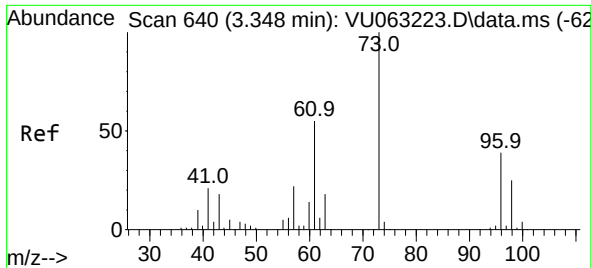
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 13.201 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

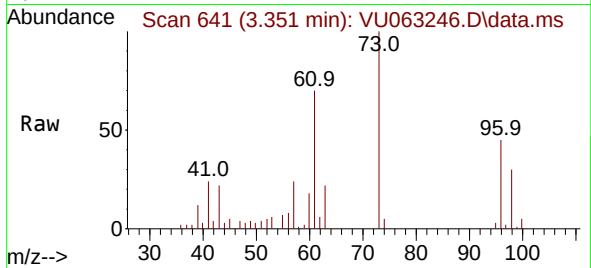
Tgt Ion: 59 Resp: 18169
Ion Ratio Lower Upper
59 100
57 5.7 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.979 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

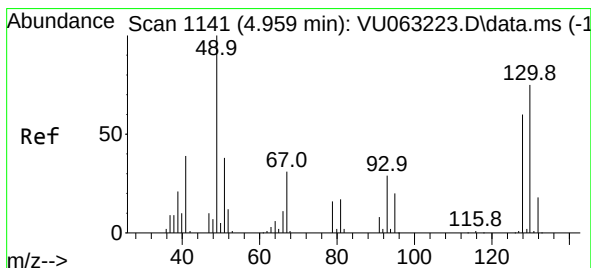
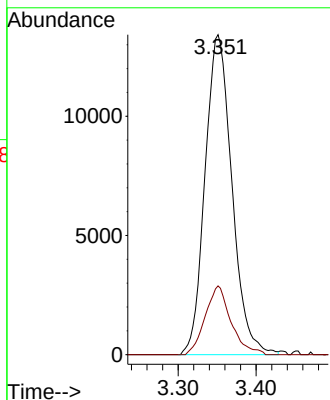
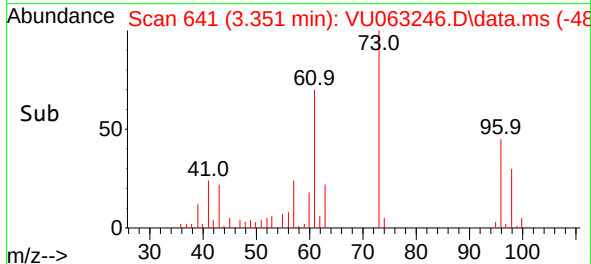
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



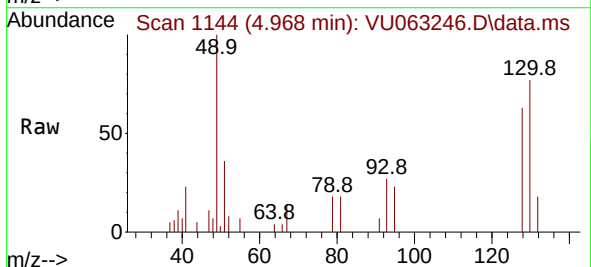
Tgt Ion: 73 Resp: 32254
Ion Ratio Lower Upper
73 100
43 20.6 14.9 22.3

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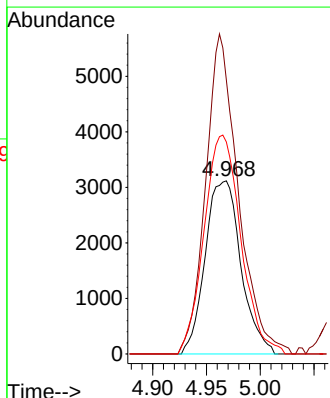
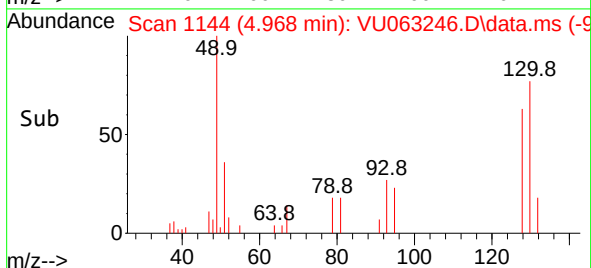
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

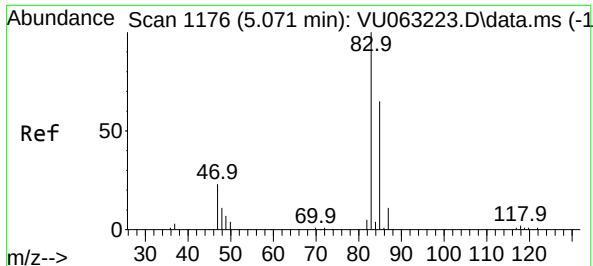


#26
Bromochloromethane
Concen: 1.013 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.010 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion:128 Resp: 7198
Ion Ratio Lower Upper
128 100
49 169.1 0.0 343.4
130 130.7 102.9 154.3





#27

Chloroform

Concen: 1.014 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

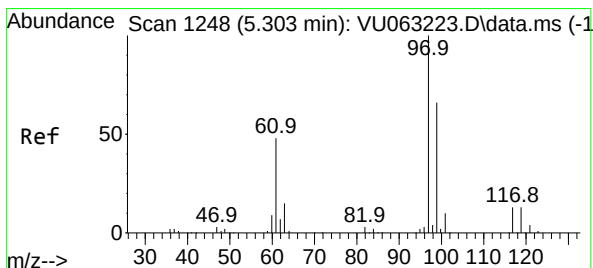
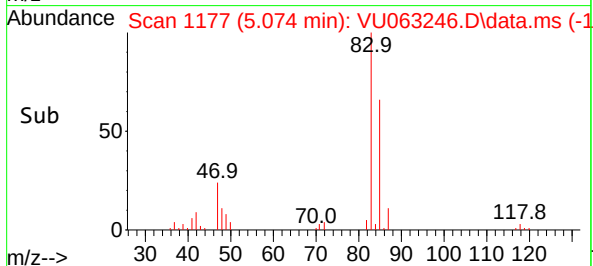
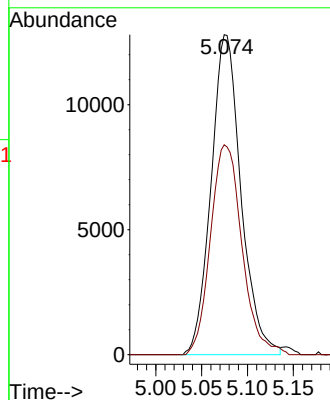
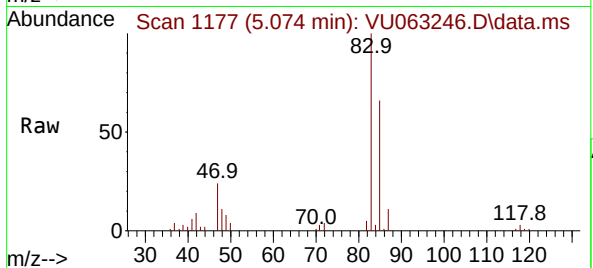
Tgt Ion: 83 Resp: 2903
 Ion Ratio Lower Upper
 83 100
 85 65.6 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 1.039 ug/l

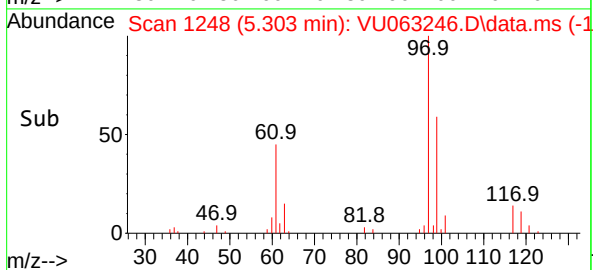
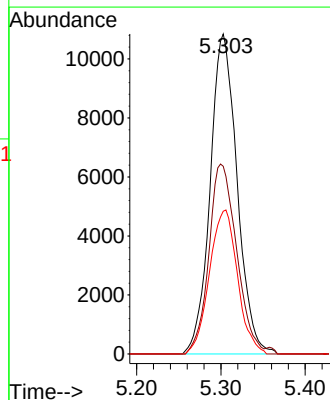
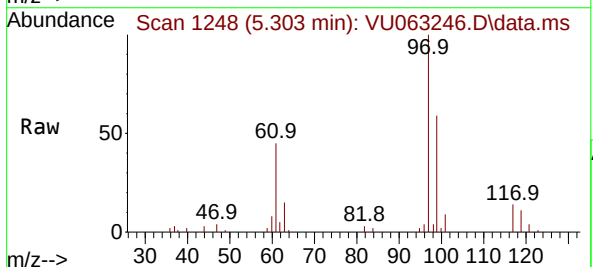
RT: 5.303 min Scan# 1248

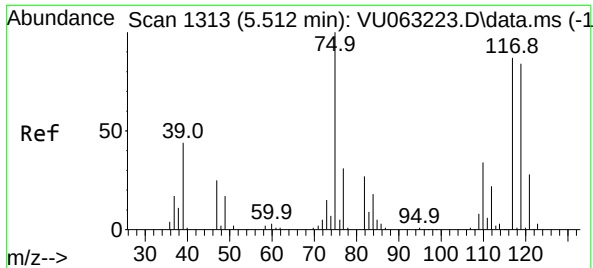
Delta R.T. -0.000 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 97 Resp: 24100
 Ion Ratio Lower Upper
 97 100
 99 61.1 32.4 97.0
 61 46.8 23.8 71.2





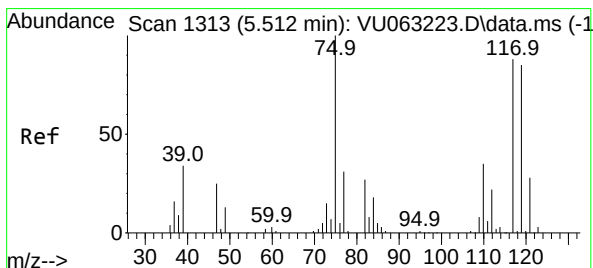
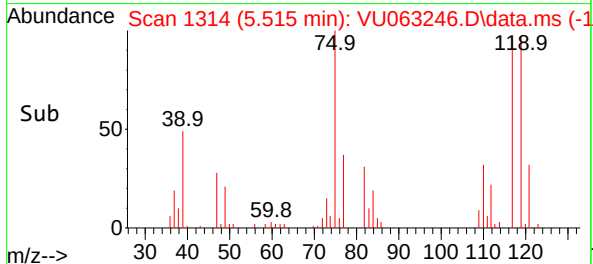
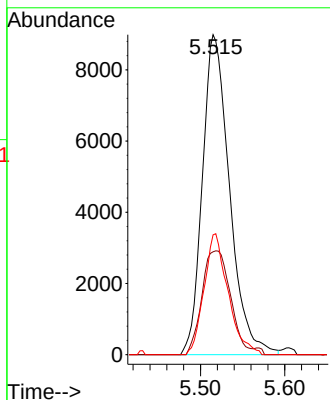
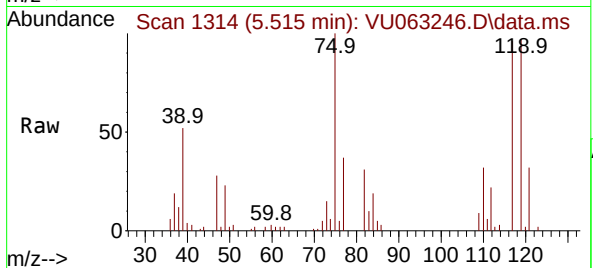
#29
1,1-Dichloropropene
Concen: 0.970 ug/l
RT: 5.515 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 75 Resp: 20150
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.5
77 33.5 24.6 37.0

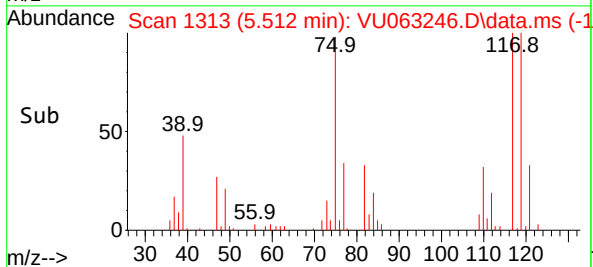
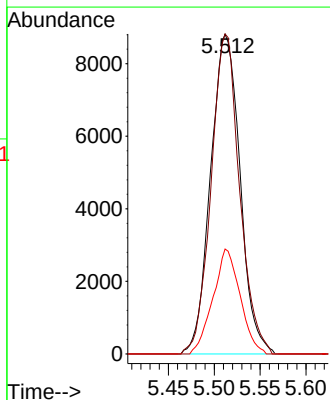
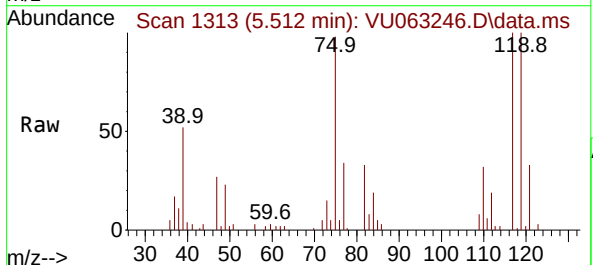
Manual Integrations
APPROVED

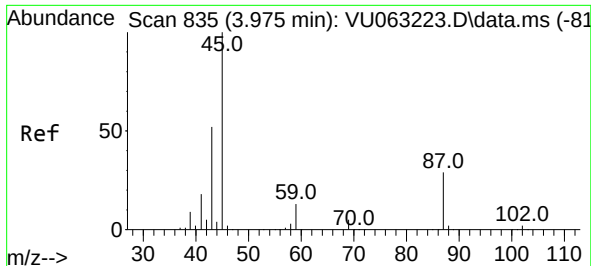
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Carbon Tetrachloride
Concen: 0.990 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:117 Resp: 19692
Ion Ratio Lower Upper
117 100
119 100.1 76.7 115.1
121 32.8 25.5 38.3





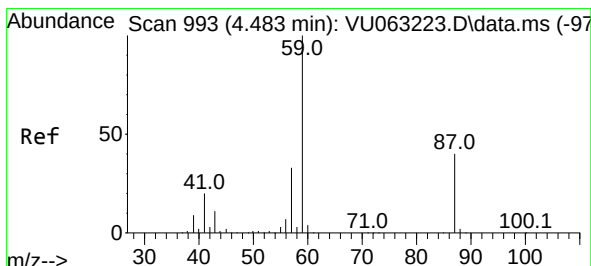
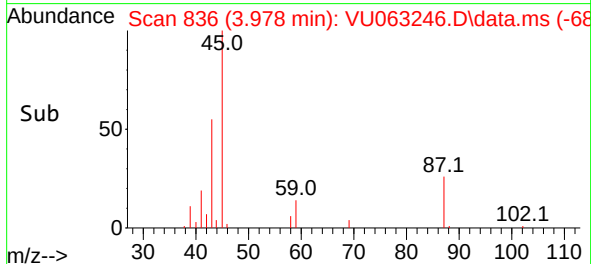
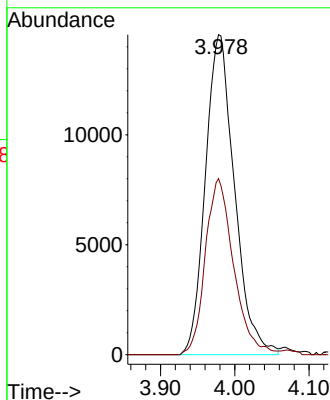
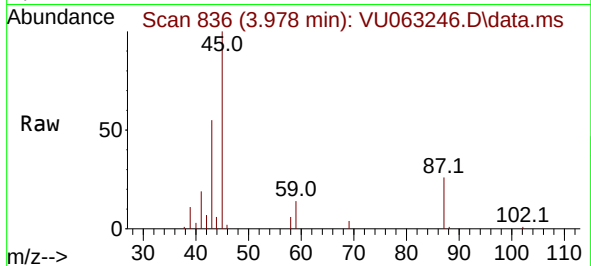
#31
Isopropyl Ether
Concen: 0.977 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 45 Resp: 3958
Ion Ratio Lower Upper
45 100
43 53.6 25.7 77.1

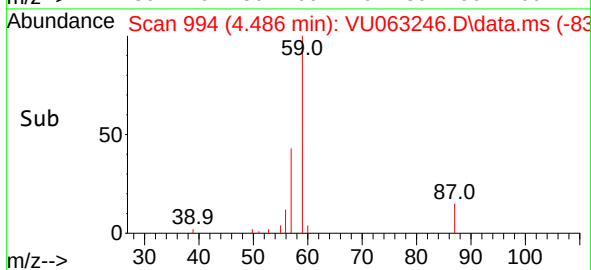
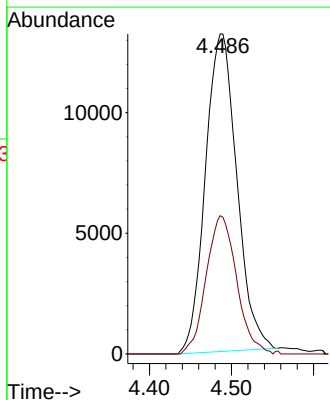
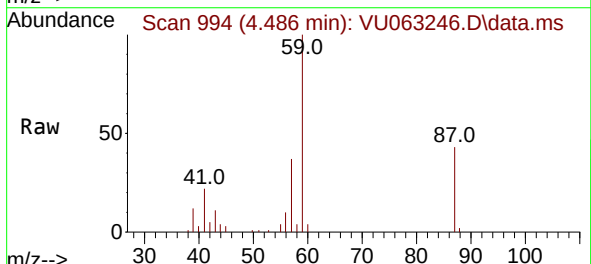
Manual Integrations
APPROVED

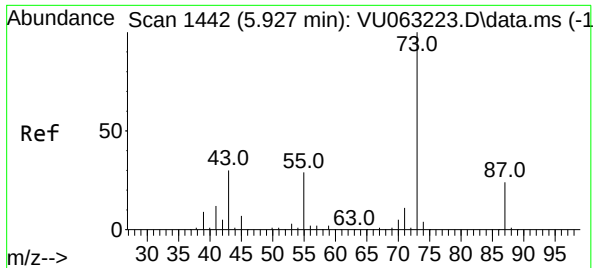
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#32
Ethyl-t-butyl ether
Concen: 0.954 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

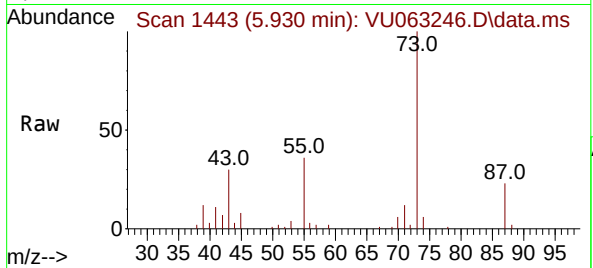
Tgt Ion: 59 Resp: 35125
Ion Ratio Lower Upper
59 100
87 42.1 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.949 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

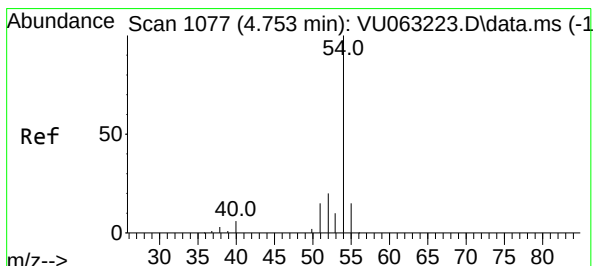
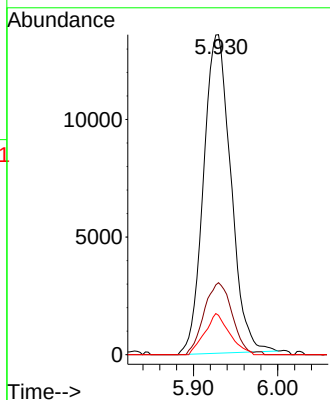
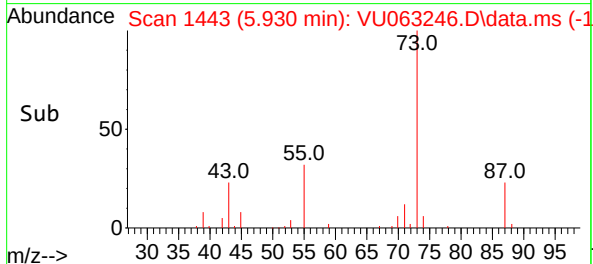
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



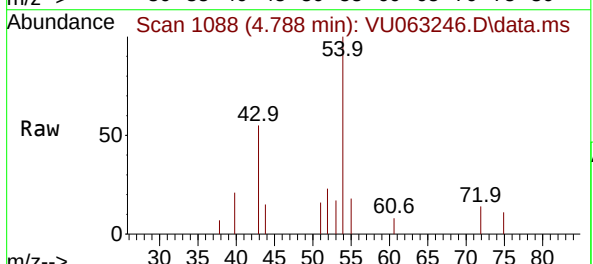
Tgt Ion: 73 Resp: 3053
Ion Ratio Lower Upper
73 100
87 22.3 18.9 28.3
71 11.7 9.0 13.4

Manual Integrations
APPROVED

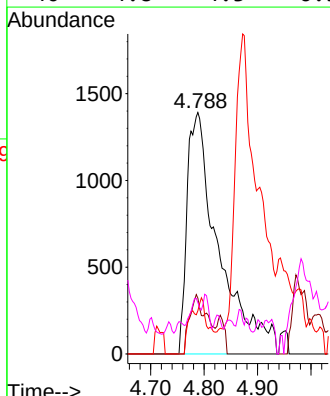
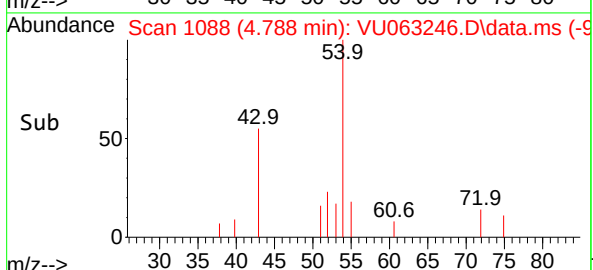
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

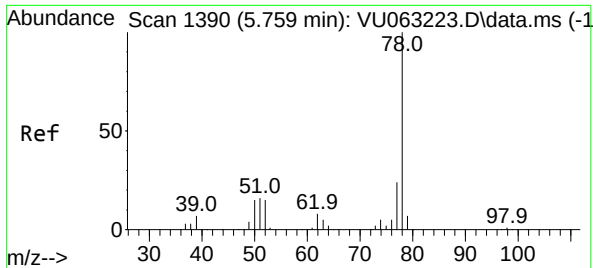


#34
Propionitrile
Concen: 5.101 ug/l m
RT: 4.788 min Scan# 1088
Delta R.T. 0.035 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion: 54 Resp: 5726
Ion Ratio Lower Upper
54 100
52 9.1 16.3 24.5#
55 4.9 11.8 17.6#
40 4.8 4.3 6.5





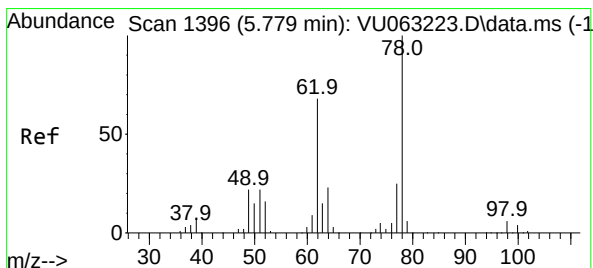
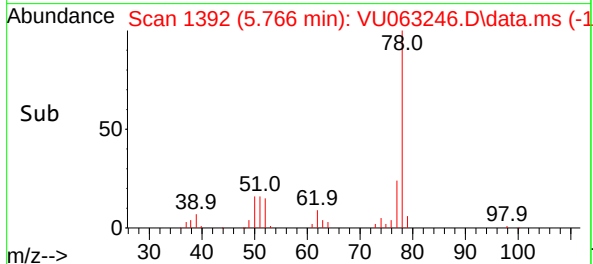
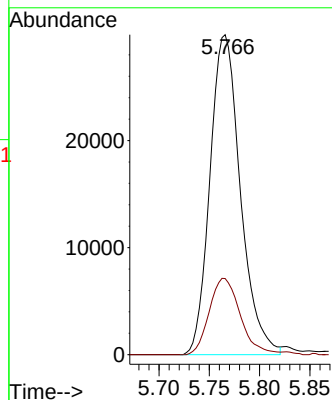
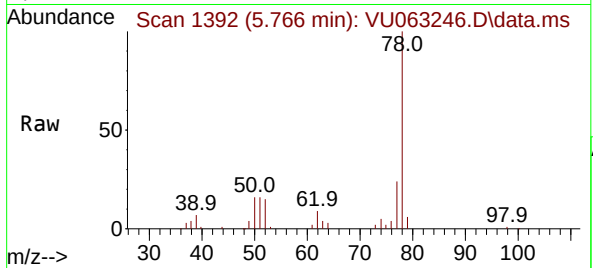
#35
Benzene
Concen: 0.986 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 78 Resp: 6295
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

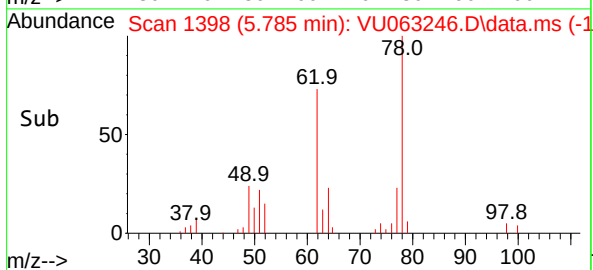
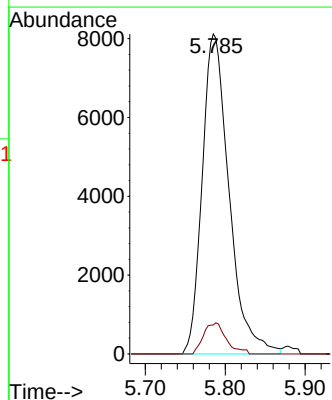
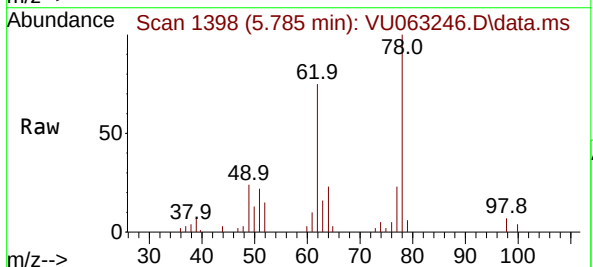
Manual Integrations
APPROVED

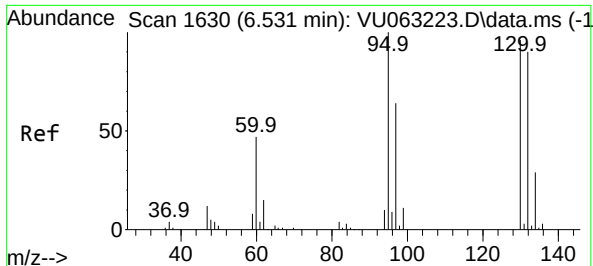
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 1.028 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion: 62 Resp: 18950
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3





#37

Trichloroethene

Concen: 1.019 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:130 Resp: 1546

Ion Ratio Lower Upper

130 100

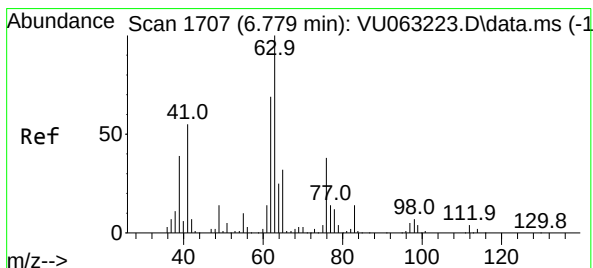
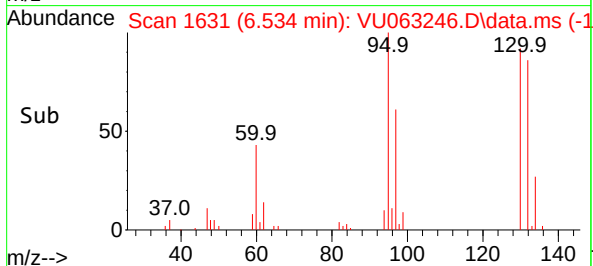
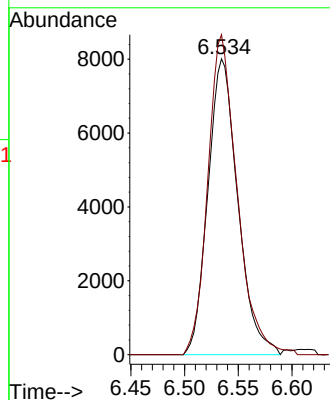
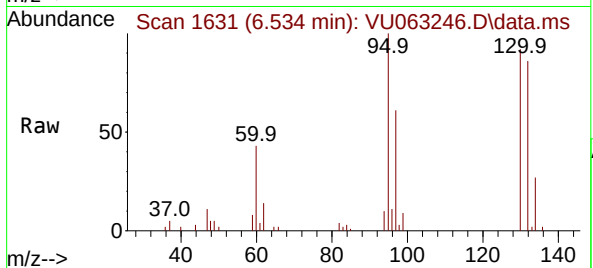
95 108.2 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#38

1,2-Dichloropropane

Concen: 1.019 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063246.D

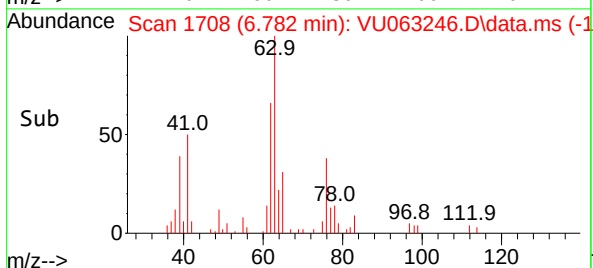
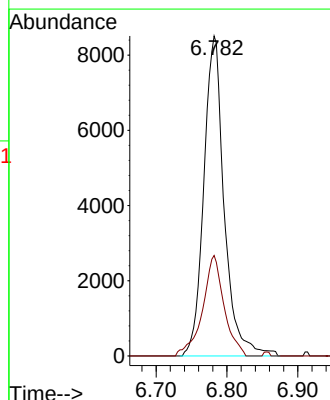
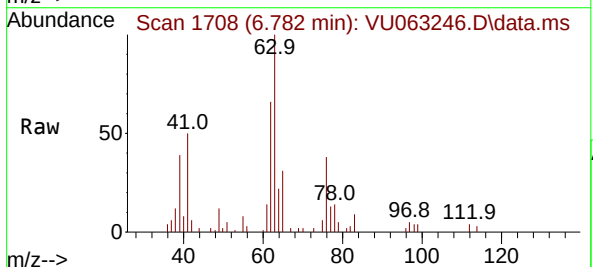
Acq: 11 Feb 2025 19:29

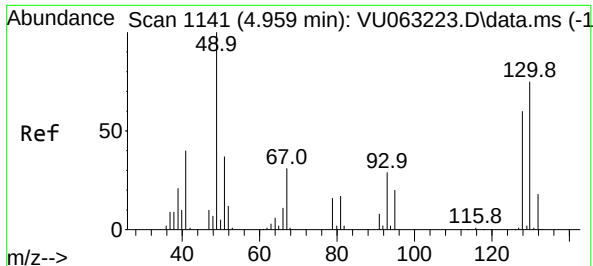
Tgt Ion: 63 Resp: 17038

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9





#39

Methacrylonitrile

Concen: 0.972 ug/l

RT: 4.978 min Scan# 1141

Delta R.T. 0.019 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

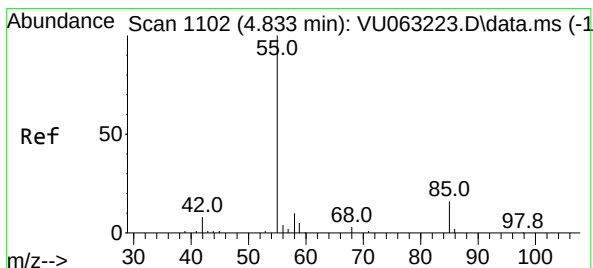
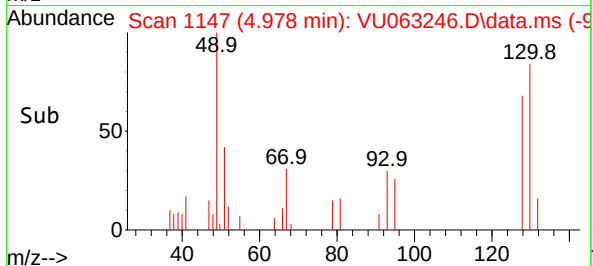
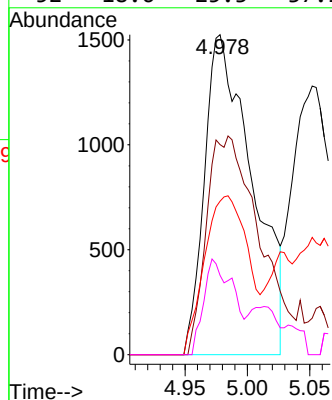
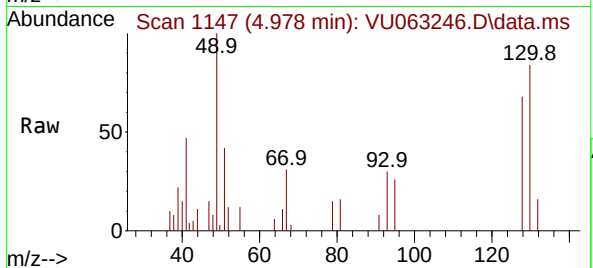
Tgt Ion: 41	Resp: 406
Ion Ratio	Lower Upper
41 100	
67 75.9	64.5 96.7
39 45.4	43.0 64.6
52 18.6	25.3 37.9#

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 0.933 ug/l m

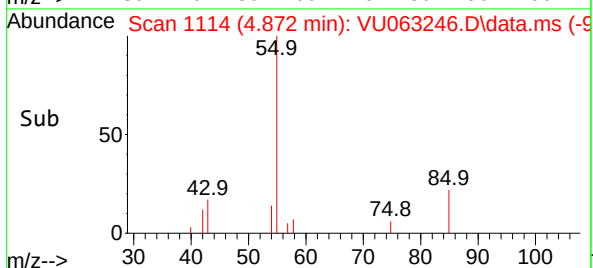
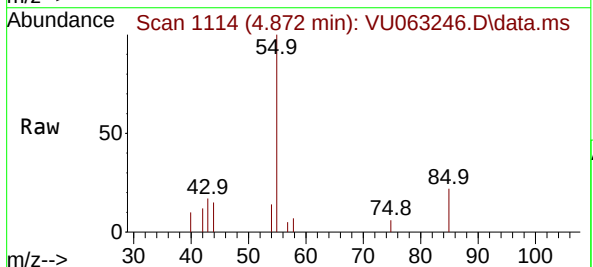
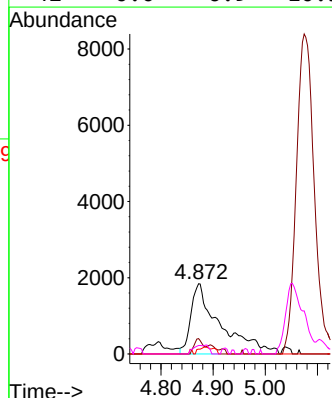
RT: 4.872 min Scan# 1114

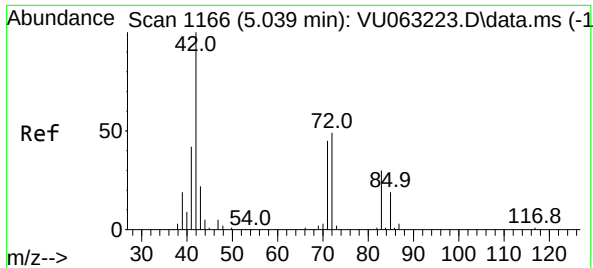
Delta R.T. 0.039 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion: 55	Resp: 7194
Ion Ratio	Lower Upper
55 100	
85 0.0	13.3 19.9#
58 0.6	7.3 10.9#
42 0.0	6.9 10.3#





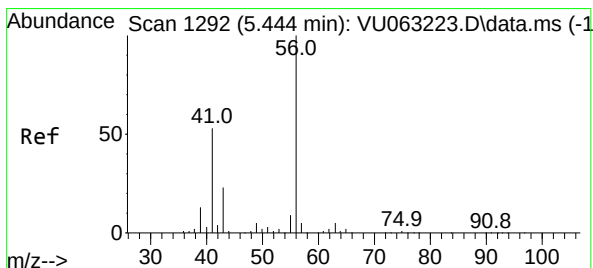
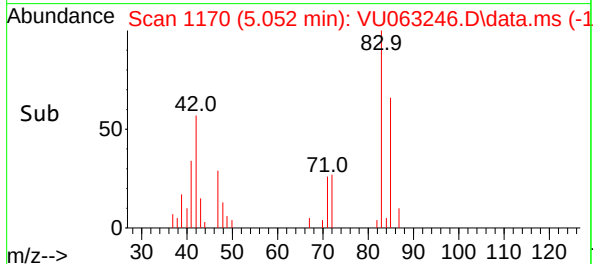
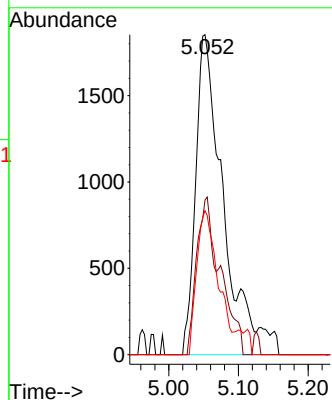
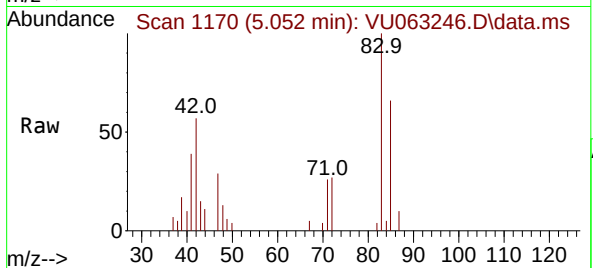
#41
Tetrahydrofuran
Concen: 2.114 ug/l m
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 42 Resp: 514
Ion Ratio Lower Upper
42 100
72 28.8 41.5 62.3
71 34.8 37.2 55.8

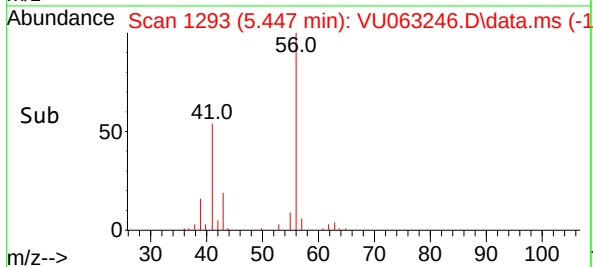
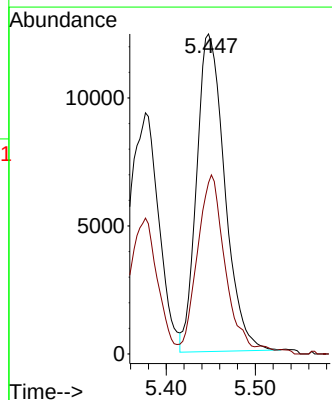
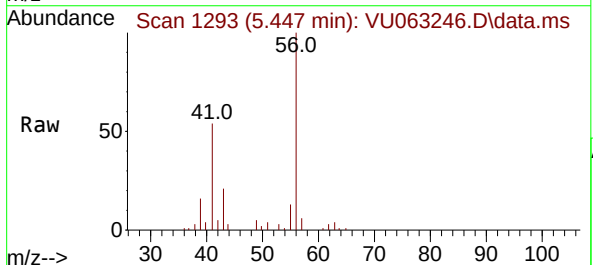
Manual Integrations
APPROVED

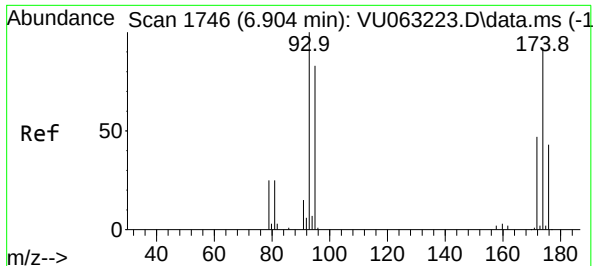
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#42
1-Chlorobutane
Concen: 0.956 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

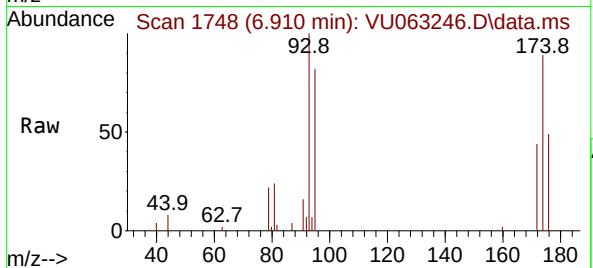
Tgt Ion: 56 Resp: 27157
Ion Ratio Lower Upper
56 100
41 51.4 26.3 78.8





#43
Dibromomethane
Concen: 1.005 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

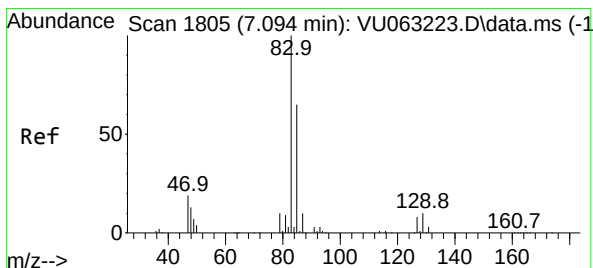
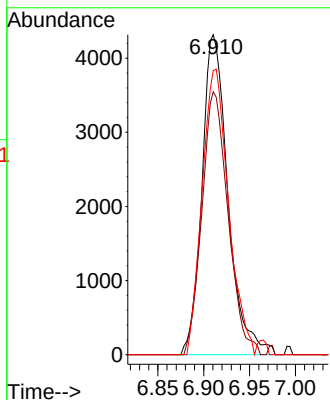
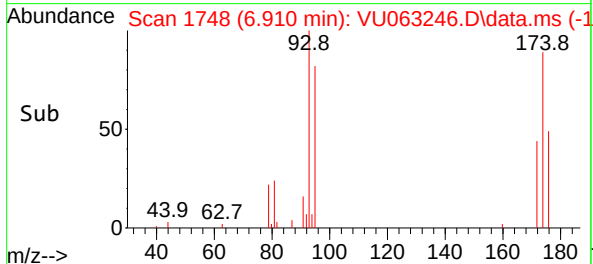
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



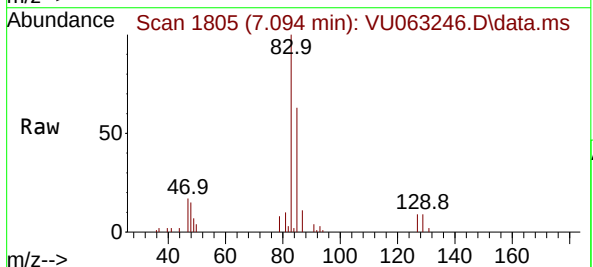
Tgt Ion: 93 Resp: 850
Ion Ratio Lower Upper
93 100
95 82.7 67.2 100.8
174 90.8 75.7 113.5

Manual Integrations
APPROVED

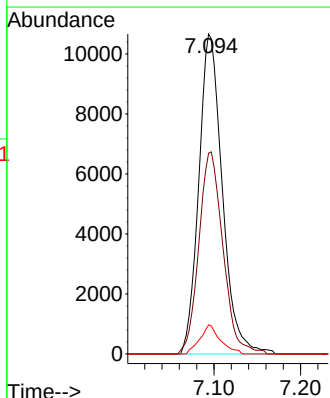
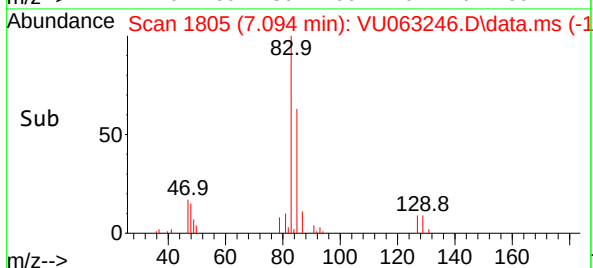
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

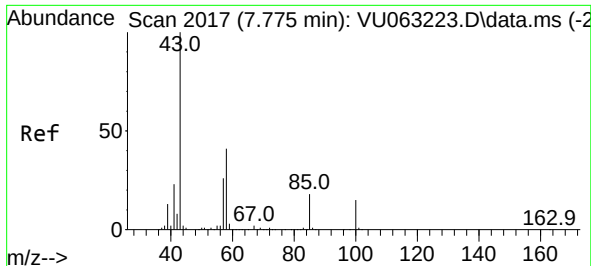


#44
Bromodichloromethane
Concen: 1.022 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion: 83 Resp: 20136
Ion Ratio Lower Upper
83 100
85 62.8 51.7 77.5
127 9.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 4.425 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

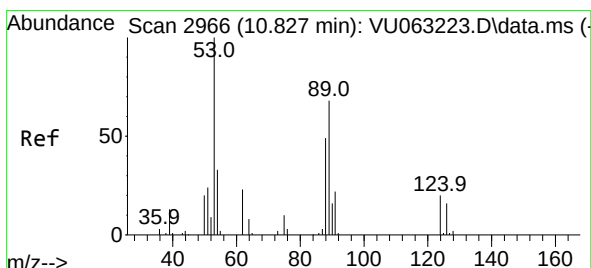
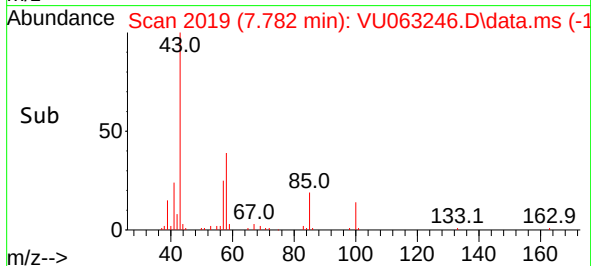
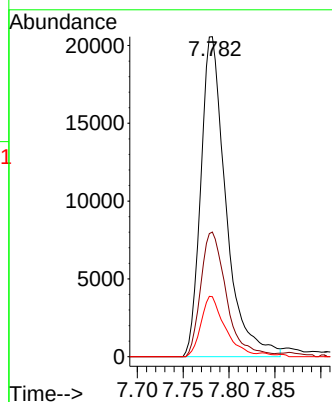
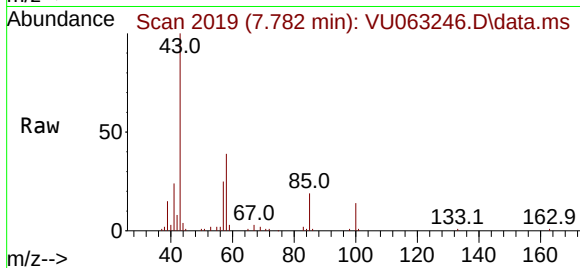
LOQ-WATER-02-QT1-2025

Tgt Ion:	43	Resp:	3926
Ion Ratio	Lower	Upper	
43	100		
58	39.7	20.8	62.5
85	18.0	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: 1.950 ug/l m

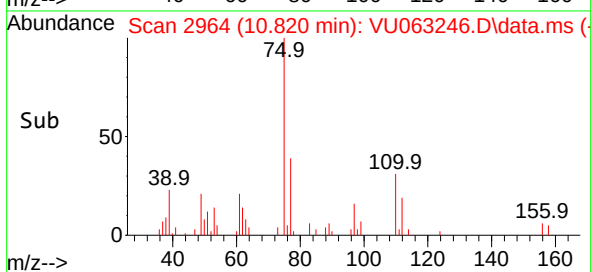
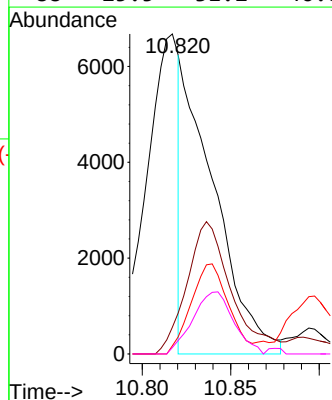
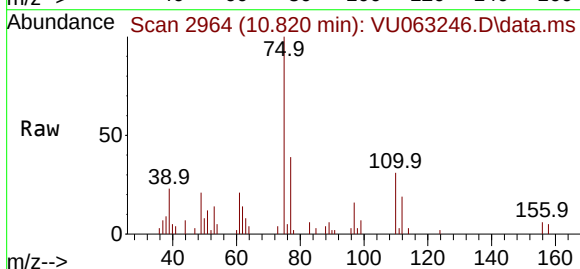
RT: 10.820 min Scan# 2964

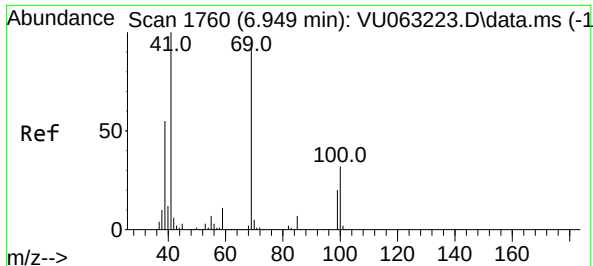
Delta R.T. -0.006 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Tgt Ion:	75	Resp:	8135
Ion Ratio	Lower	Upper	
75	100		
53	59.4	64.5	96.7#
89	34.2	43.4	65.2#
88	25.5	31.2	46.8#





#47

Methyl methacrylate

Concen: 1.829 ug/l

RT: 6.959 min Scan# 1760

Delta R.T. 0.010 min

Lab File: VU063246.D

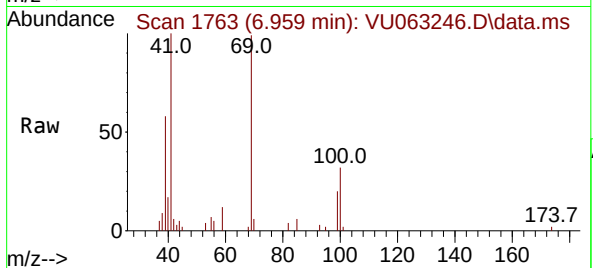
Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 69 Resp: 13040

Ion Ratio Lower Upper

69 100

41 107.1 0.0 217.0

39 54.9 47.7 71.5

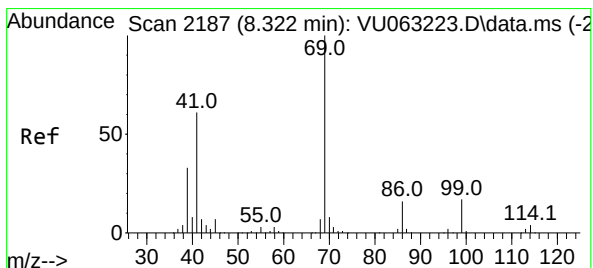
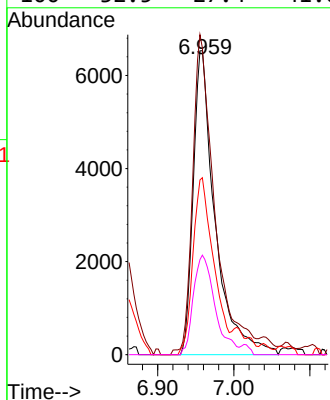
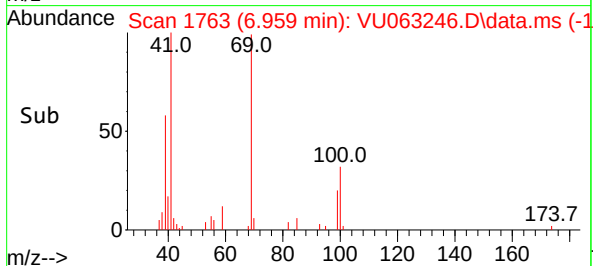
100 32.5 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 0.882 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VU063246.D

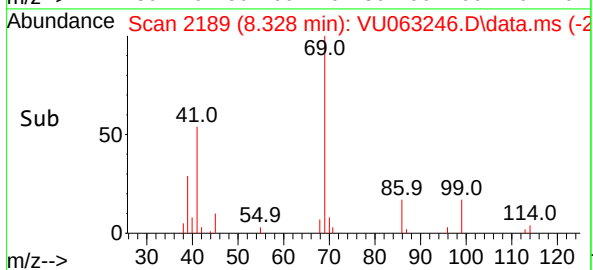
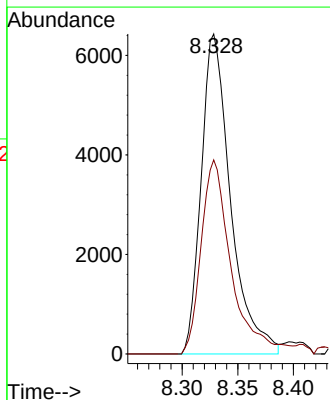
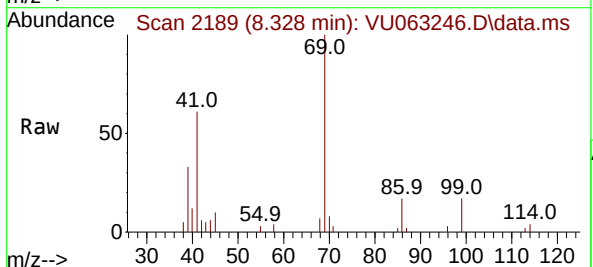
Acq: 11 Feb 2025 19:29

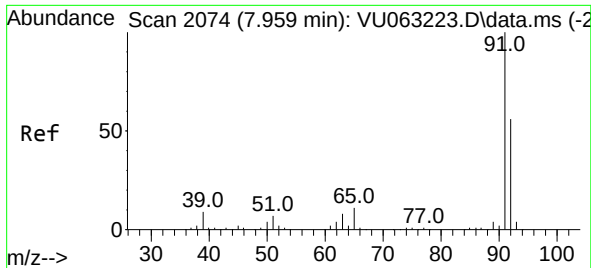
Tgt Ion: 69 Resp: 11801

Ion Ratio Lower Upper

69 100

41 62.3 30.6 92.0





#49

Toluene

Concen: 0.975 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063246.D

Acq: 11 Feb 2025 19:29

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 92 Resp: 3580

Ion Ratio Lower Upper

92 100

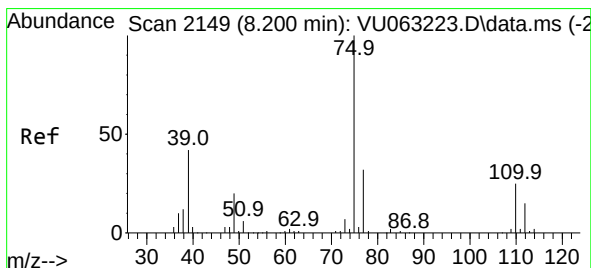
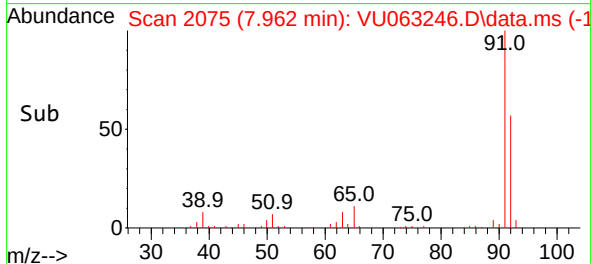
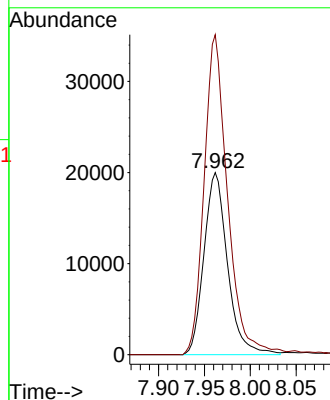
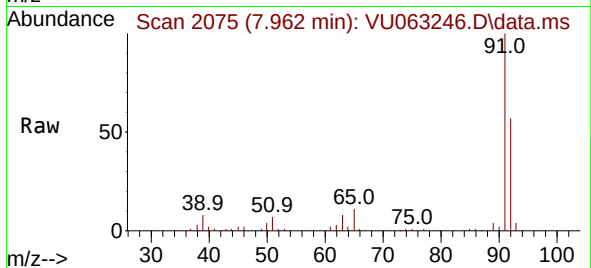
91 174.0 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#50

t-1,3-Dichloropropene

Concen: 0.931 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063246.D

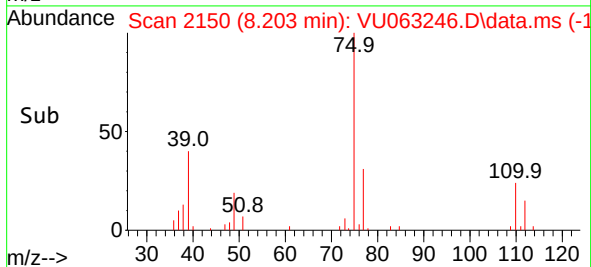
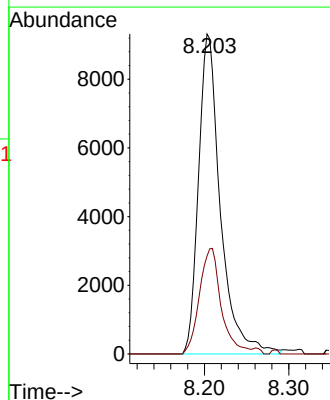
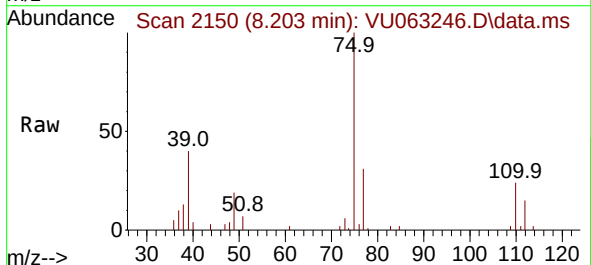
Acq: 11 Feb 2025 19:29

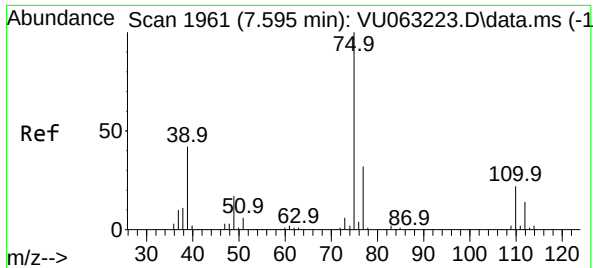
Tgt Ion: 75 Resp: 16798

Ion Ratio Lower Upper

75 100

77 30.6 25.9 38.9





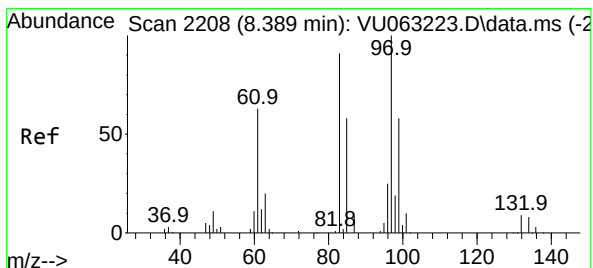
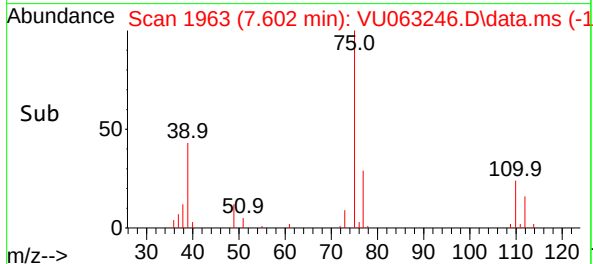
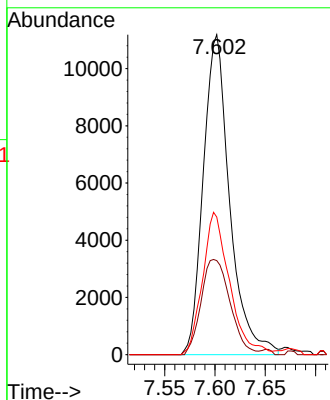
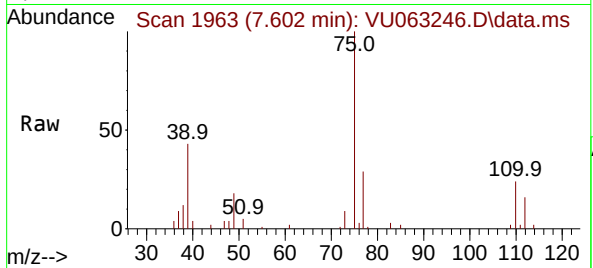
#51
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 75 Resp: 2040
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.3 37.9
 39 43.0 33.5 50.3

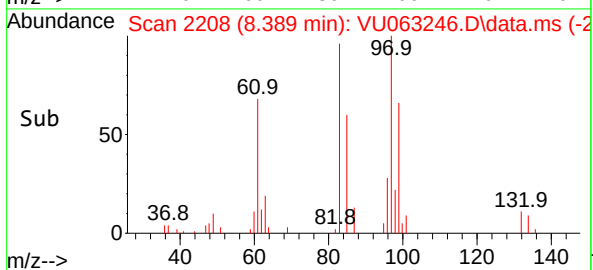
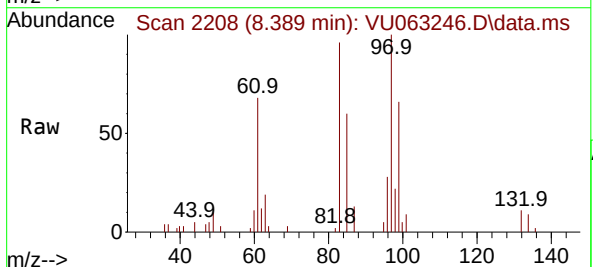
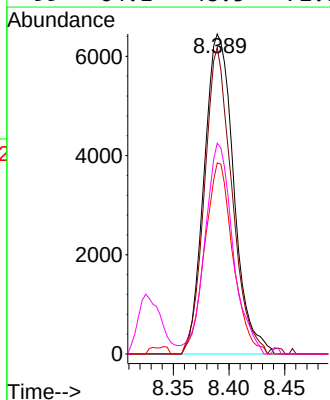
Manual Integrations
 APPROVED

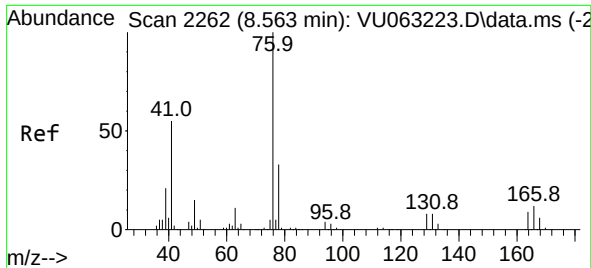
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.045 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

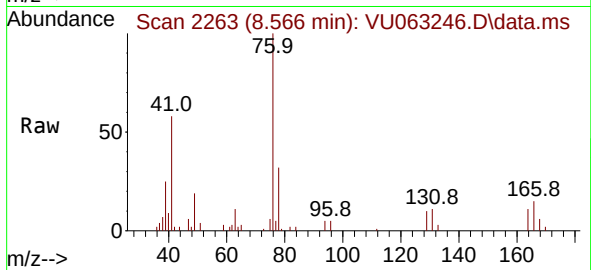
Tgt Ion: 97 Resp: 11925
 Ion Ratio Lower Upper
 97 100
 83 95.8 73.0 109.4
 85 59.7 46.3 69.5
 99 64.1 48.5 72.7





#53
1,3-Dichloropropane
Concen: 0.989 ug/l
RT: 8.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

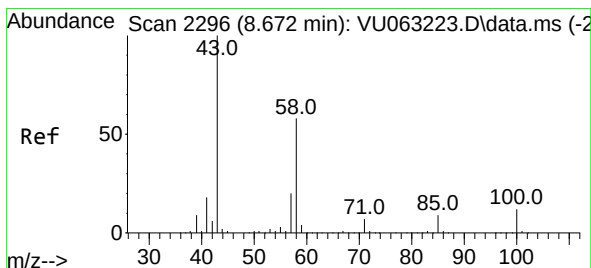
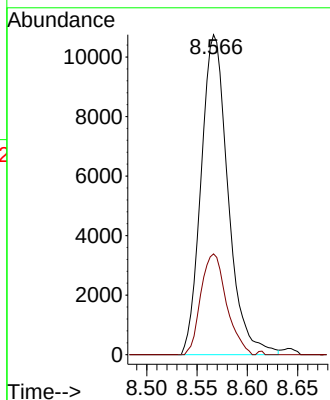
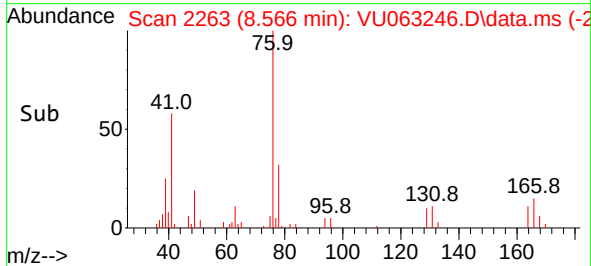
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



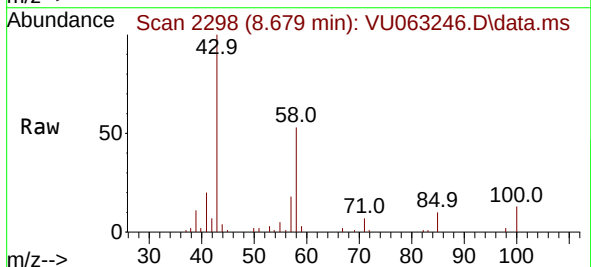
Tgt Ion: 76 Resp: 20040
Ion Ratio Lower Upper
76 100
78 29.9 26.3 39.5

Manual Integrations
APPROVED

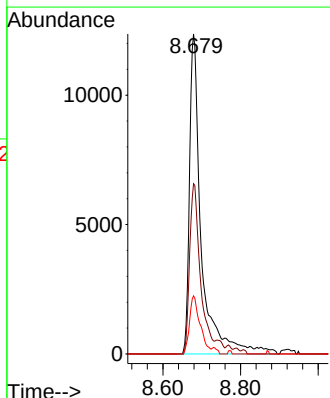
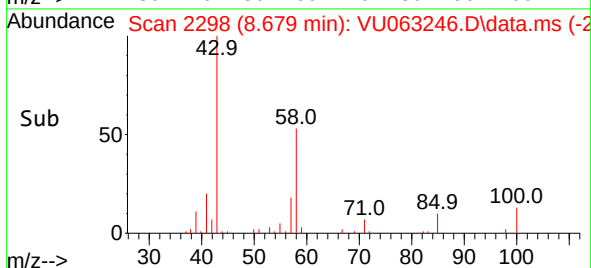
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

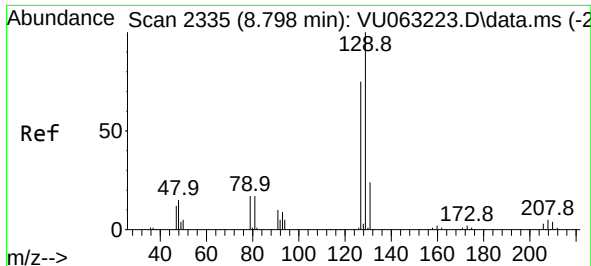


#54
2-Hexanone
Concen: 4.327 ug/l m
RT: 8.679 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



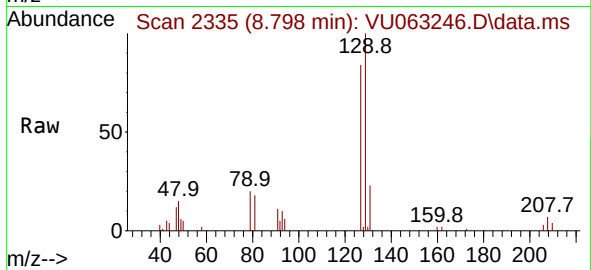
Tgt Ion: 43 Resp: 26203
Ion Ratio Lower Upper
43 100
58 48.1 38.0 78.0
57 16.2 0.0 39.1





#55
Dibromochloromethane
Concen: 1.006 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

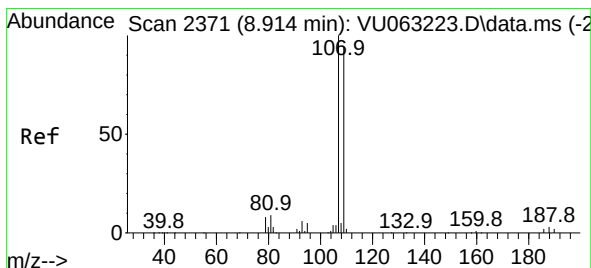
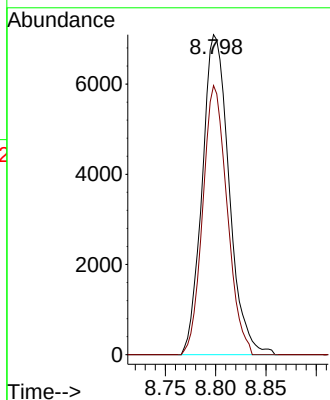
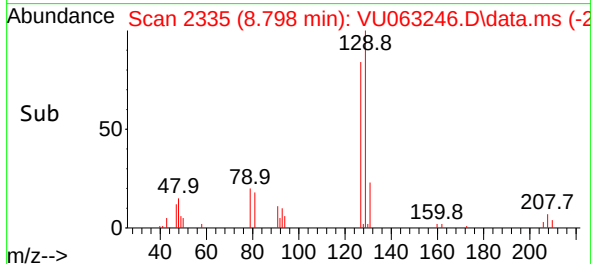
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:129 Resp: 1321
Ion Ratio Lower Upper
129 100
127 76.2 60.4 90.6

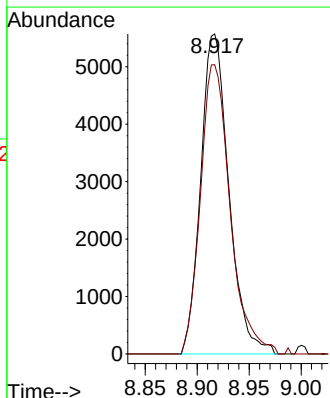
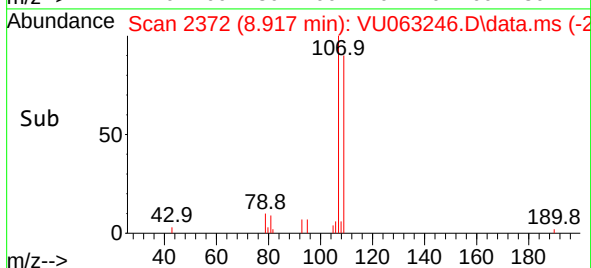
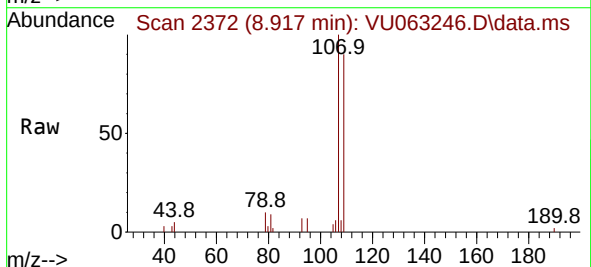
Manual Integrations
APPROVED

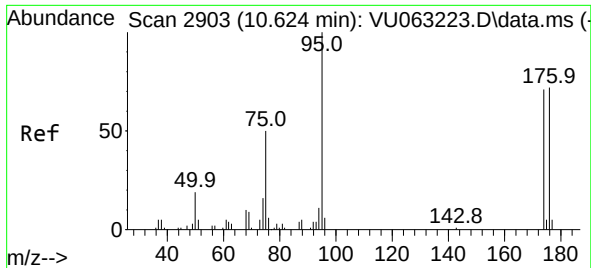
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 0.983 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

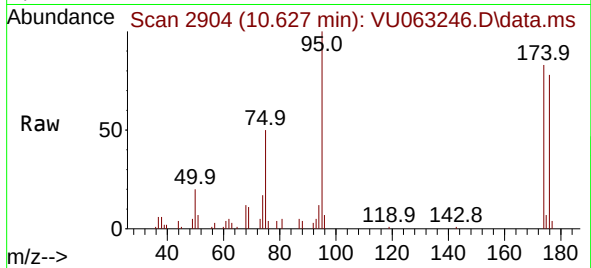
Tgt Ion:107 Resp: 10519
Ion Ratio Lower Upper
107 100
109 95.1 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.916 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

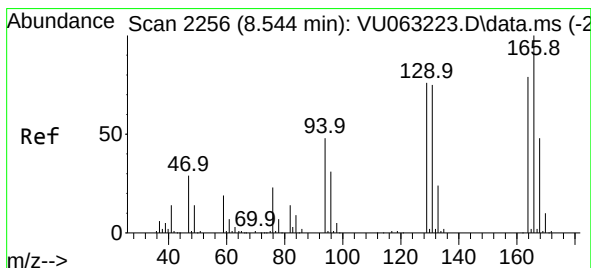
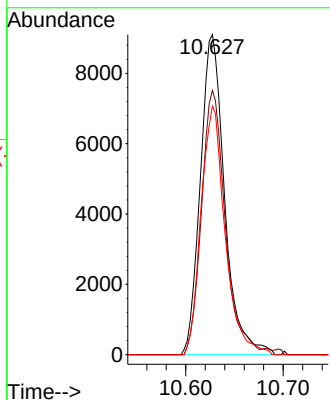
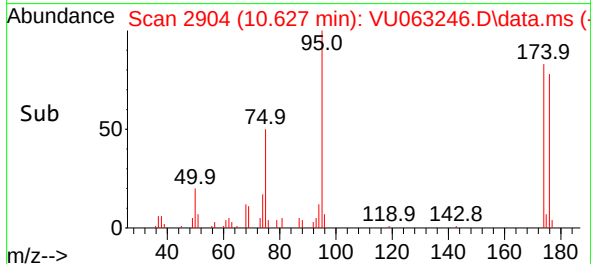
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 95 Resp: 15700
Ion Ratio Lower Upper
95 100
174 80.7 58.6 88.0
176 77.4 58.2 87.4

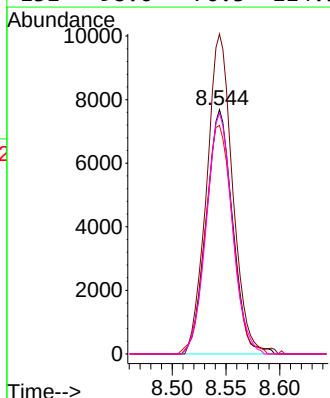
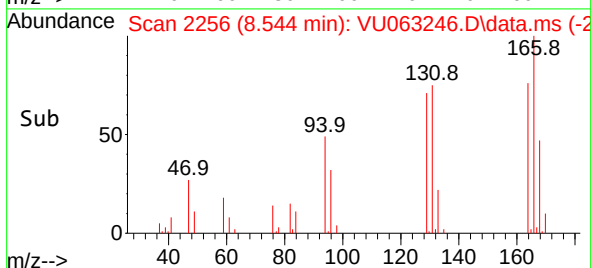
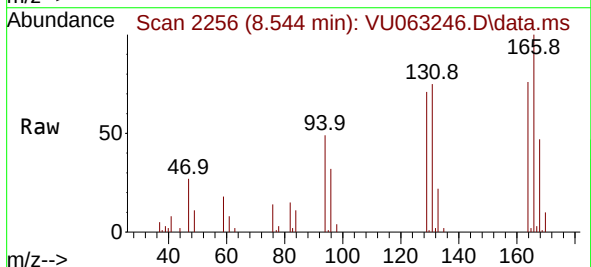
Manual Integrations
APPROVED

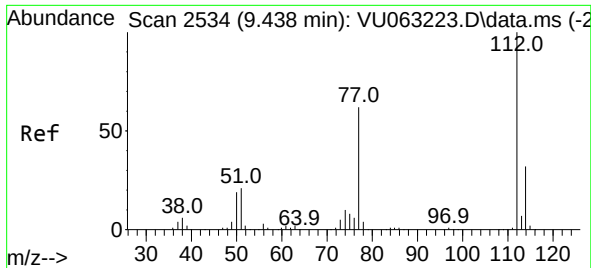
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 1.049 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:164 Resp: 13132
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.0
129 93.6 77.0 115.4
131 98.6 76.3 114.5





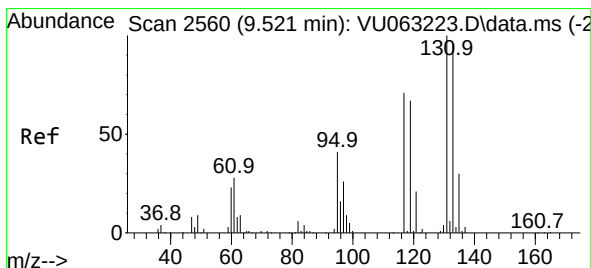
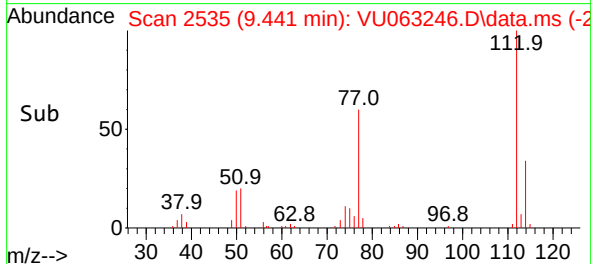
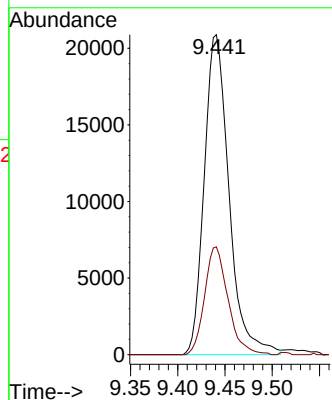
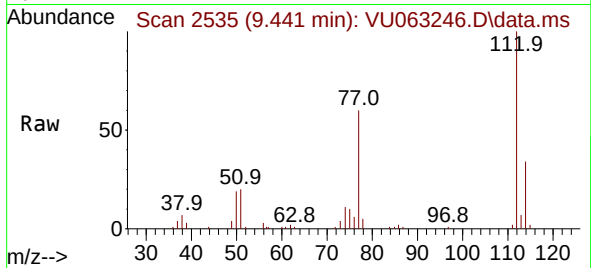
#59
Chlorobenzene
Concen: 0.983 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:112 Resp: 38104
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5

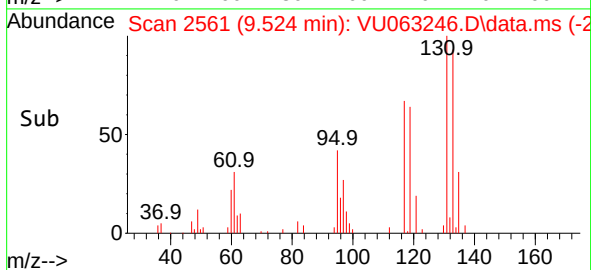
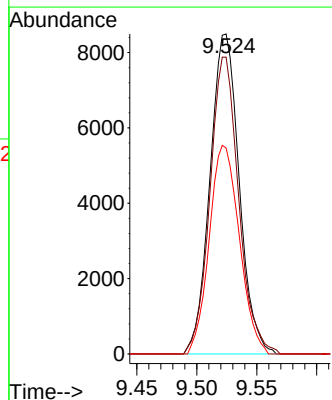
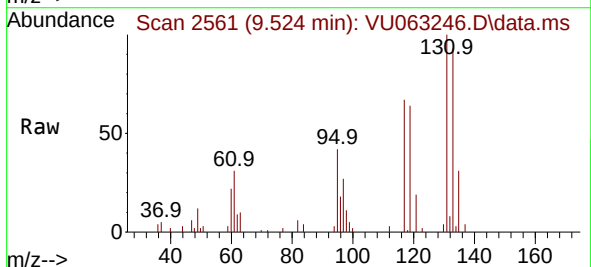
Manual Integrations
APPROVED

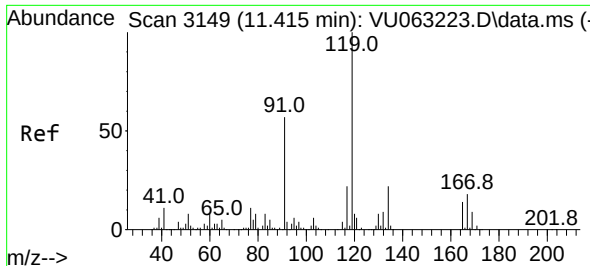
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.030 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:131 Resp: 14355
Ion Ratio Lower Upper
131 100
133 91.5 76.7 115.1
119 67.2 54.4 81.6





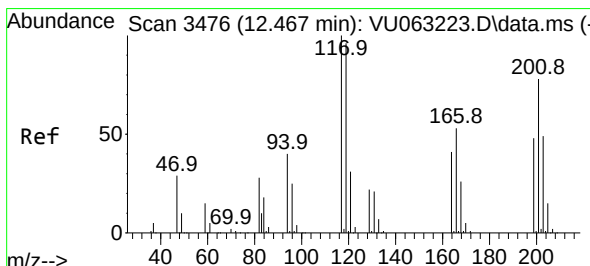
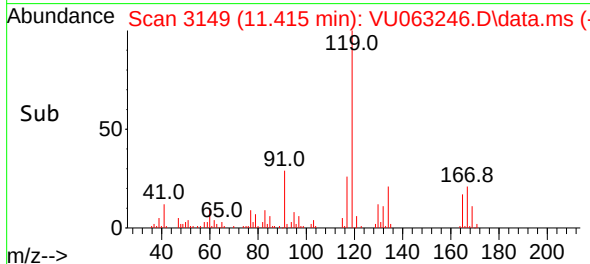
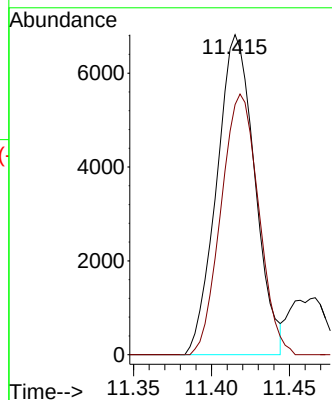
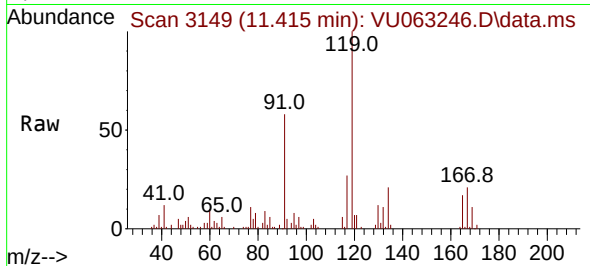
#61
Pentachloroethane
Concen: 0.932 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:117 Resp: 11604
Ion Ratio Lower Upper
117 100
167 80.3 65.0 97.6

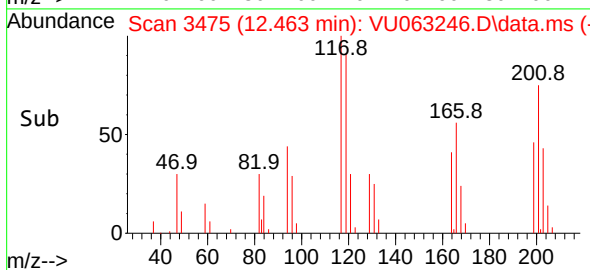
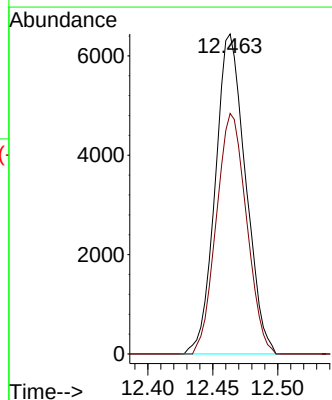
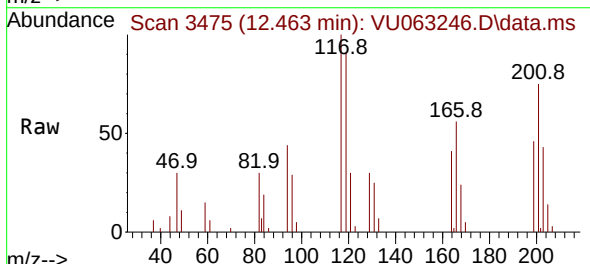
Manual Integrations
APPROVED

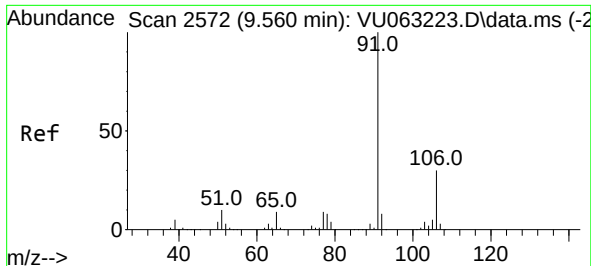
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
Hexachloroethane
Concen: 0.947 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:117 Resp: 10423
Ion Ratio Lower Upper
117 100
201 75.0 61.3 91.9





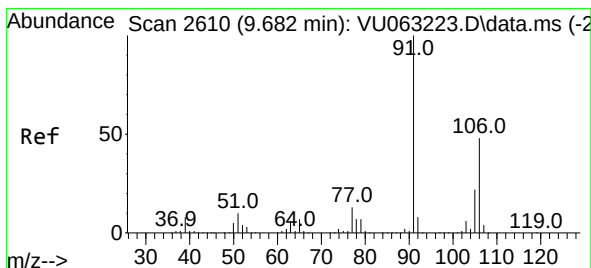
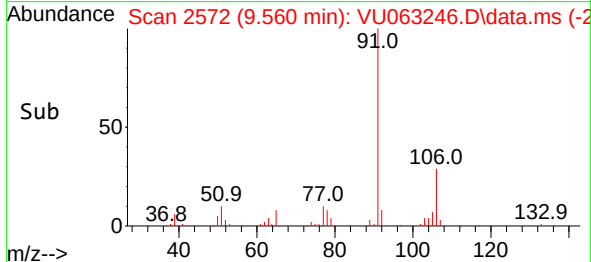
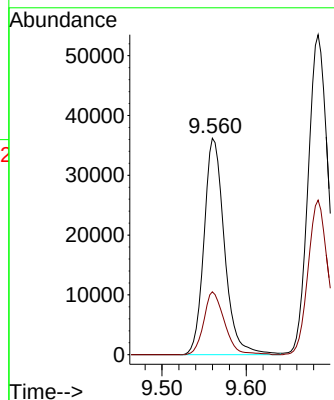
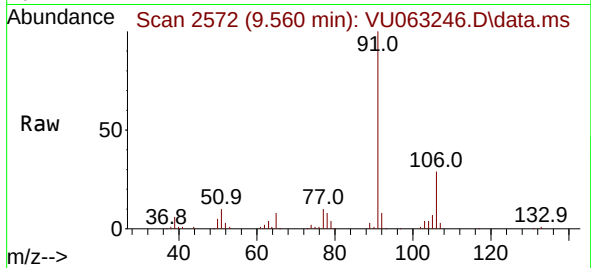
#63
Ethyl Benzene
Concen: 0.915 ug/l
RT: 9.560 min Scan# 21150
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 61150
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.2

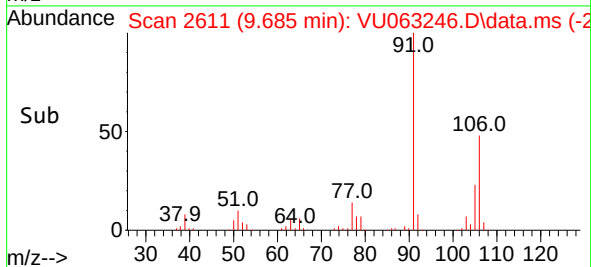
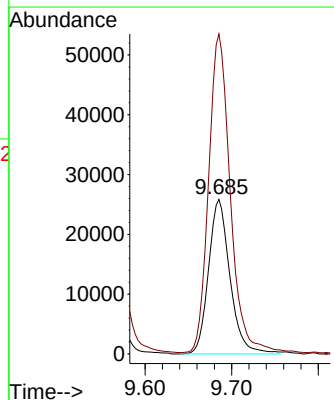
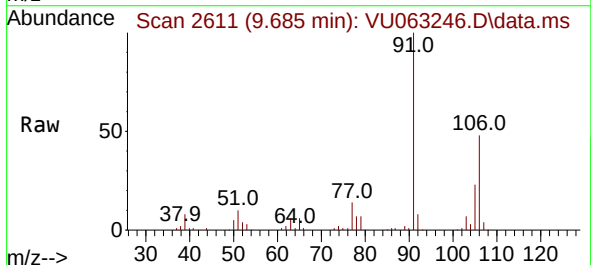
Manual Integrations
APPROVED

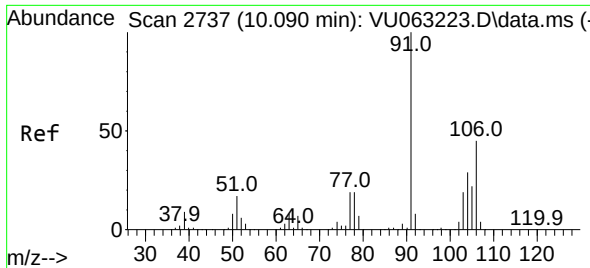
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 1.785 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:106 Resp: 44567
Ion Ratio Lower Upper
106 100
91 208.6 166.9 250.3





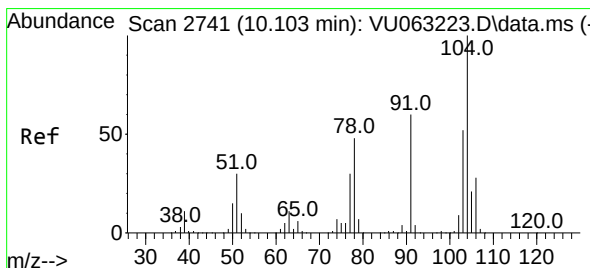
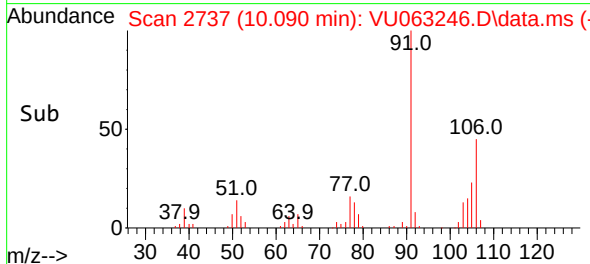
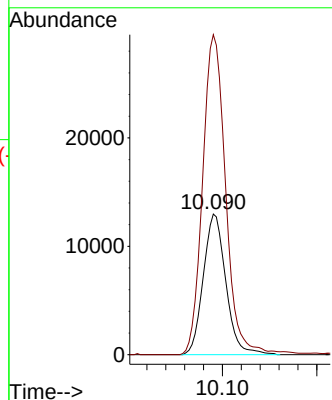
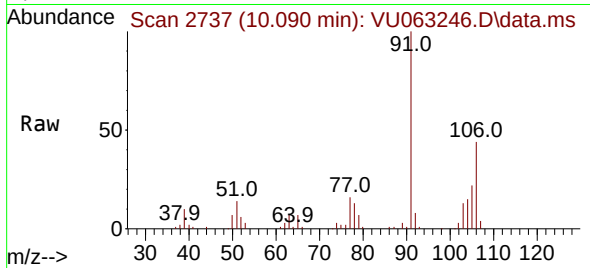
#65
o-Xylene
Concen: 0.879 ug/l
RT: 10.090 min Scan# 21490
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 21490
Ion Ratio Lower Upper
106 100
91 233.1 110.9 332.9

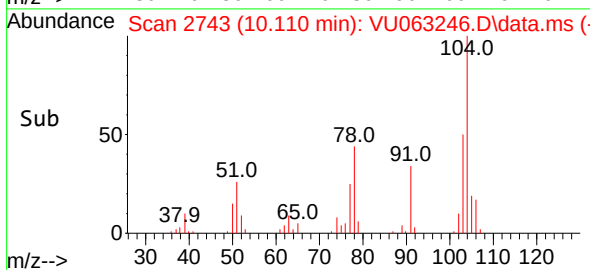
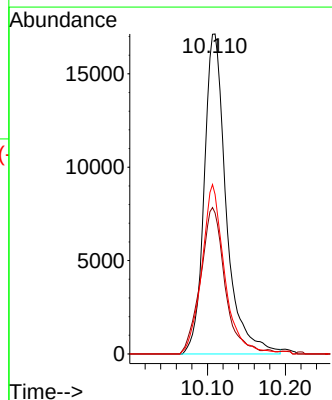
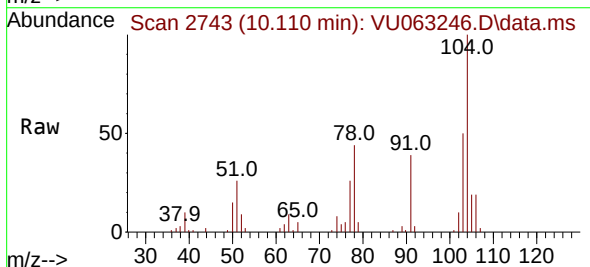
Manual Integrations
APPROVED

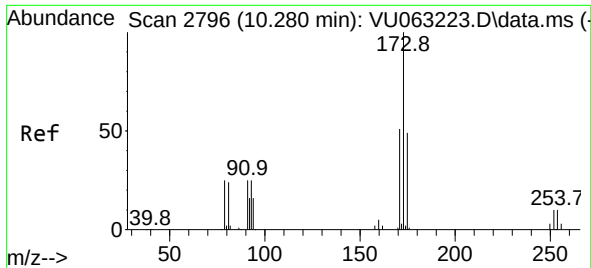
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 0.868 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

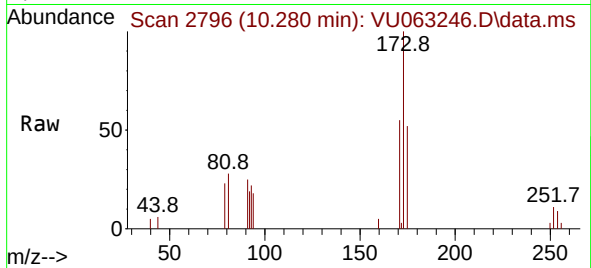
Tgt Ion:104 Resp: 33754
Ion Ratio Lower Upper
104 100
78 50.5 41.2 61.8
103 54.7 44.8 67.2





#67
Bromoform
Concen: 0.956 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

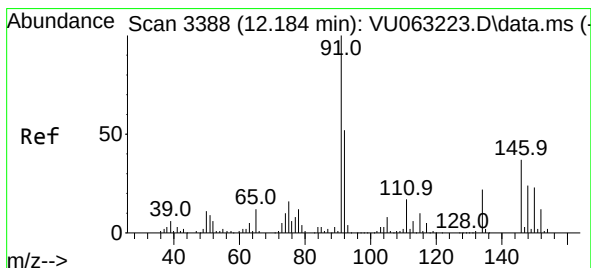
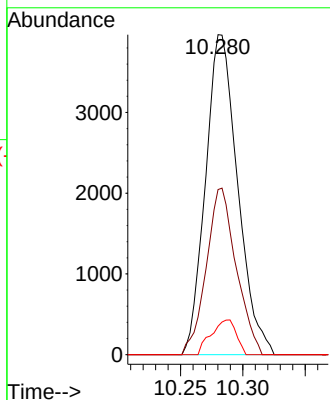
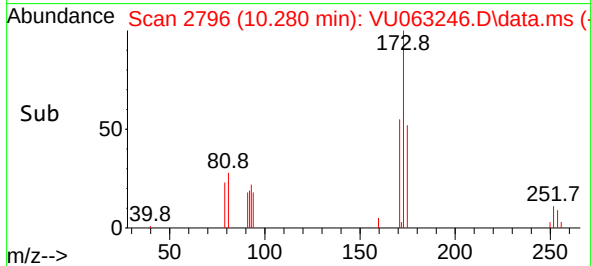
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



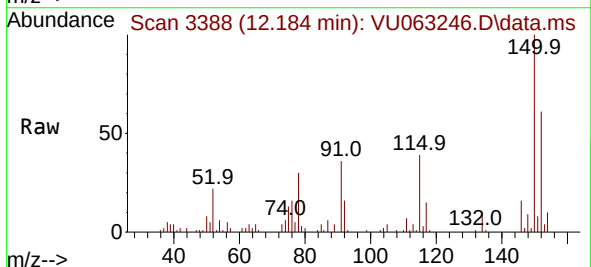
Tgt Ion:173 Resp: 712
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.4 7.7 11.5

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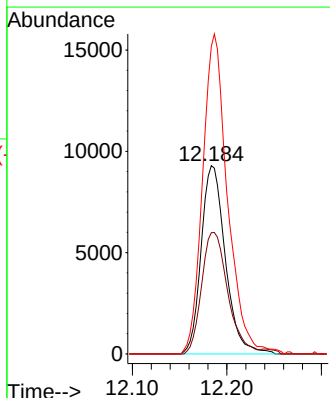
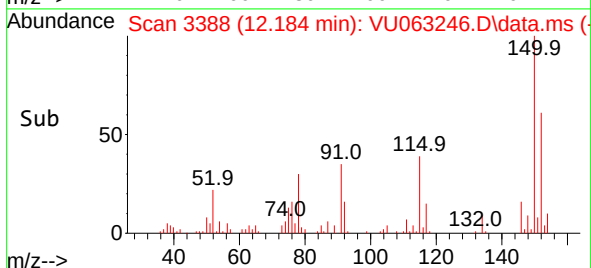
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

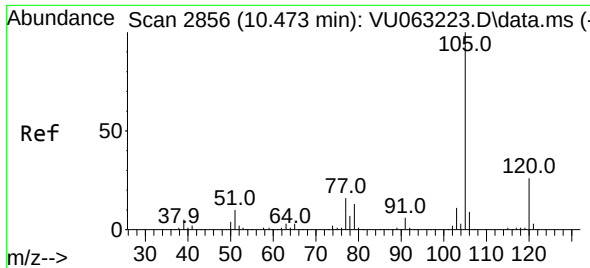


#68
1,2-Dichlorobenzene-d4
Concen: 0.927 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion:152 Resp: 16519
Ion Ratio Lower Upper
152 100
115 69.9 0.0 275.2
150 175.3 0.0 658.4





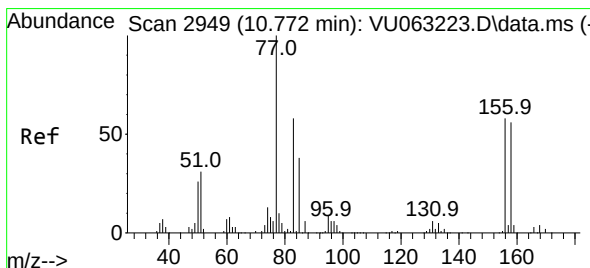
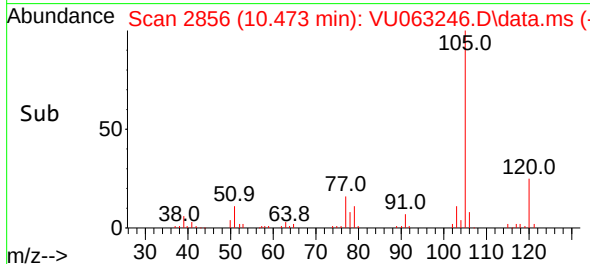
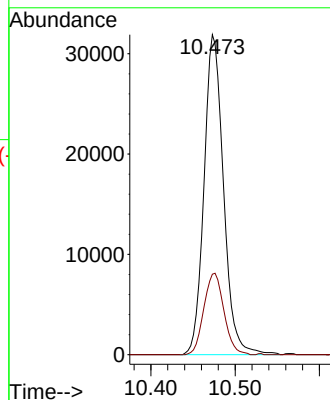
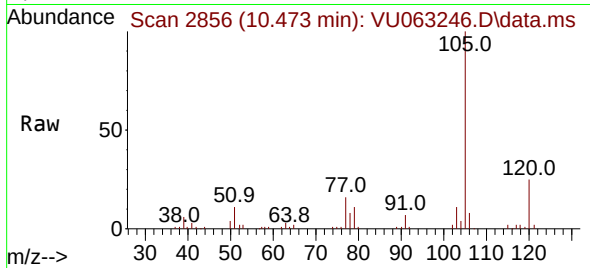
#69
Isopropylbenzene
Concen: 0.895 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 5143
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

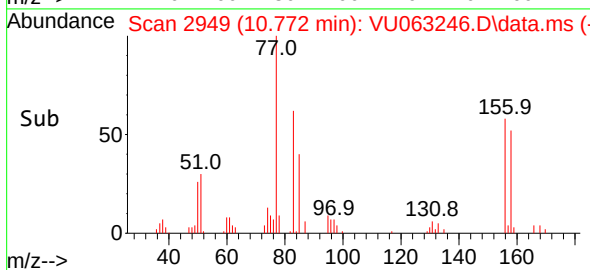
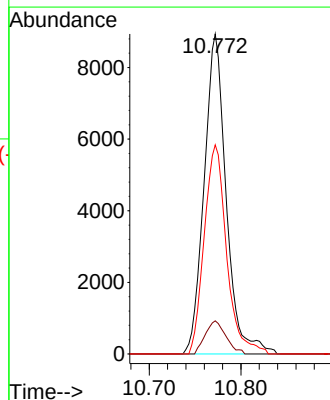
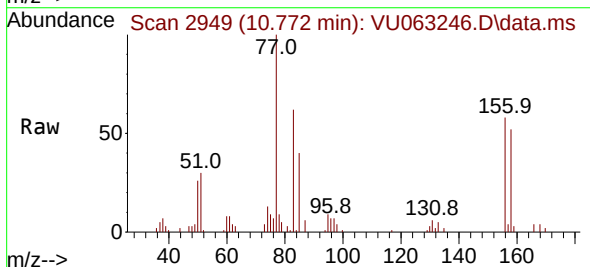
Manual Integrations
APPROVED

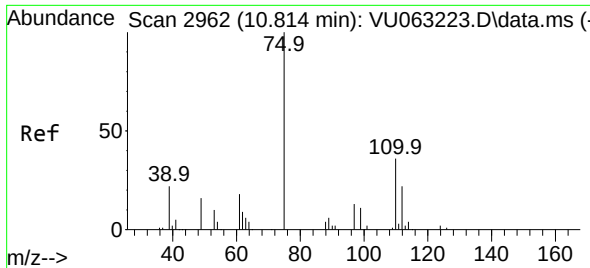
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.971 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

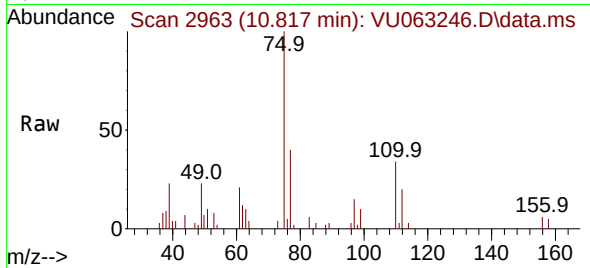
Tgt Ion: 83 Resp: 14934
Ion Ratio Lower Upper
83 100
131 9.7 7.4 11.0
85 66.2 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.917 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

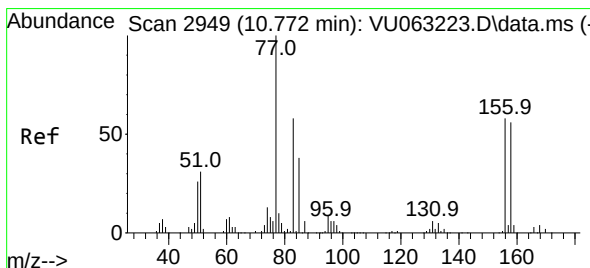
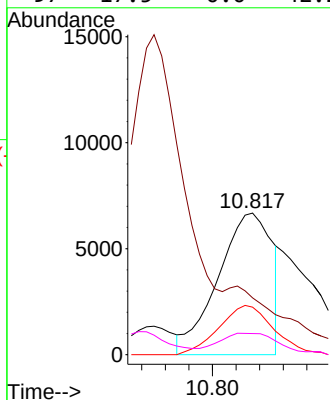
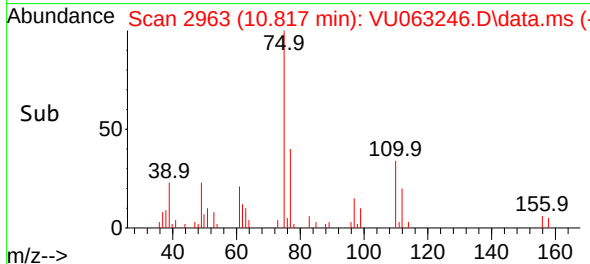


Tgt Ion: 75 Resp: 10599

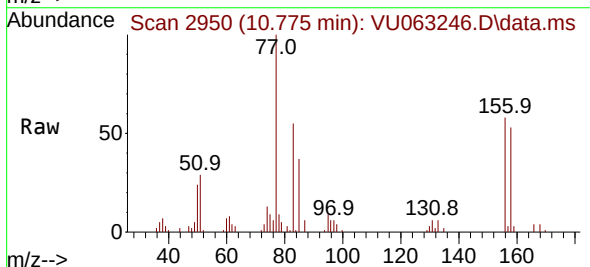
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	35.4	0.0	77.0
97	17.5	0.0	42.2

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

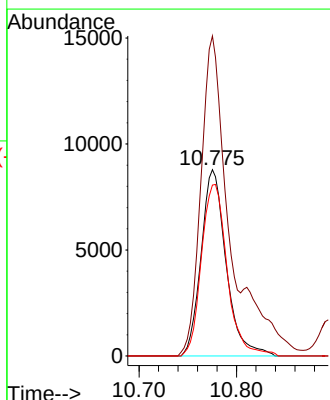
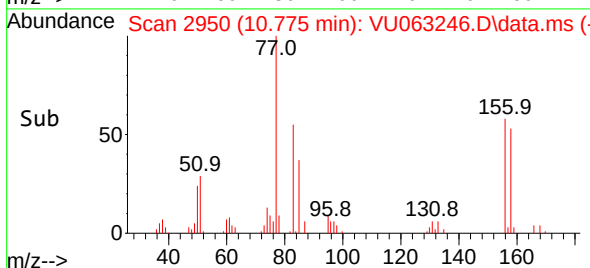


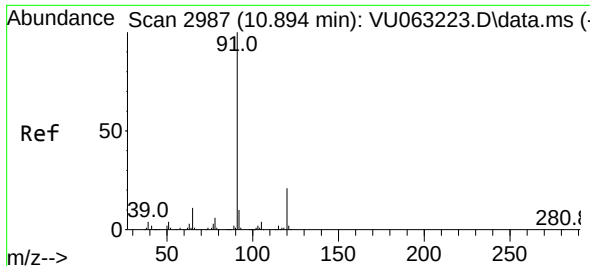
#72
Bromobenzene
Concen: 1.014 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion:156 Resp: 15702

Ion	Ratio	Lower	Upper
156	100		
77	165.4	0.0	343.6
158	94.6	0.0	193.0





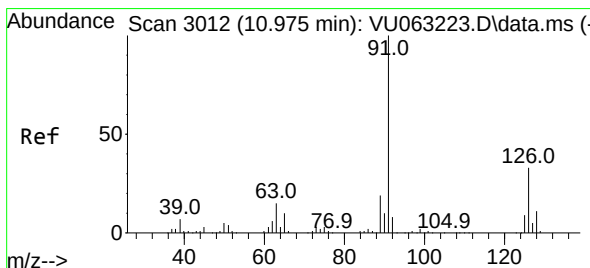
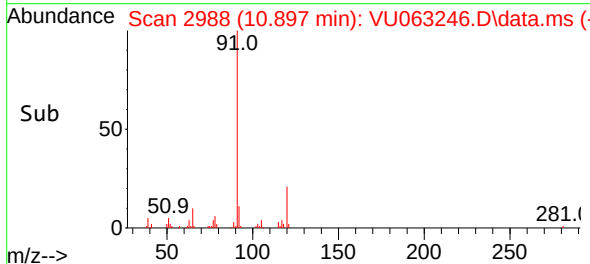
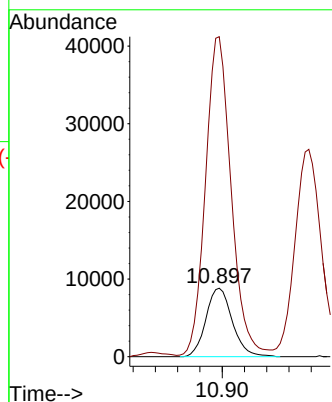
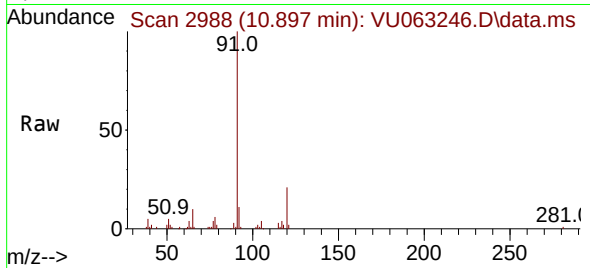
#73
n-propylbenzene
Concen: 0.881 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:120 Resp: 1449
Ion Ratio Lower Upper
120 100
91 451.3 369.8 554.6

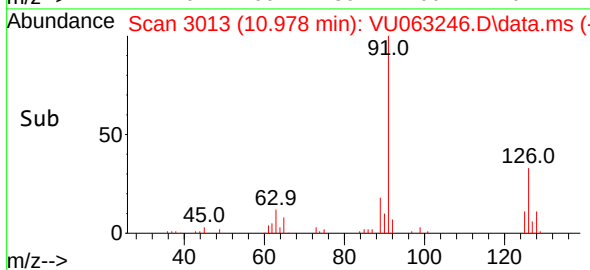
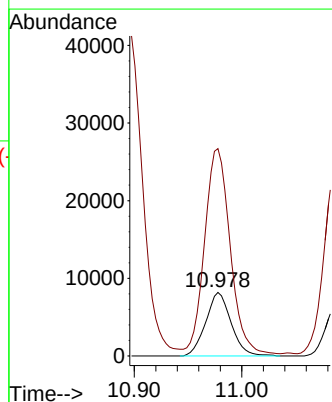
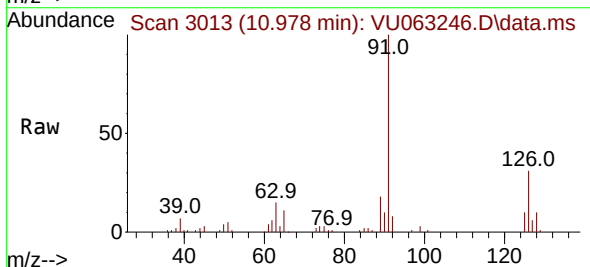
Manual Integrations
APPROVED

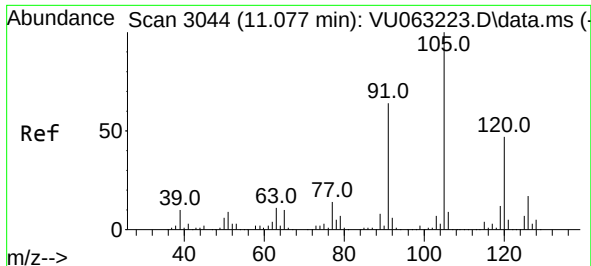
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 0.883 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Tgt Ion:126 Resp: 13394
Ion Ratio Lower Upper
126 100
91 325.0 0.0 623.8





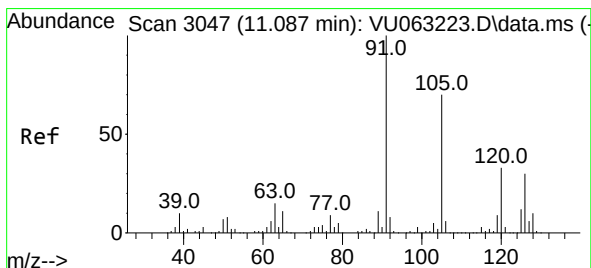
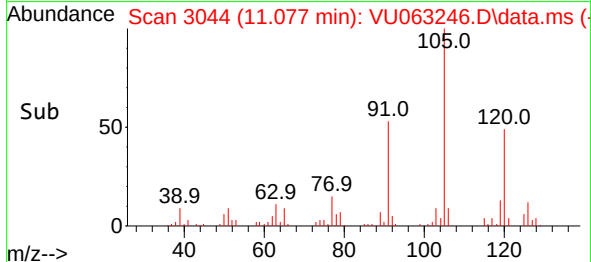
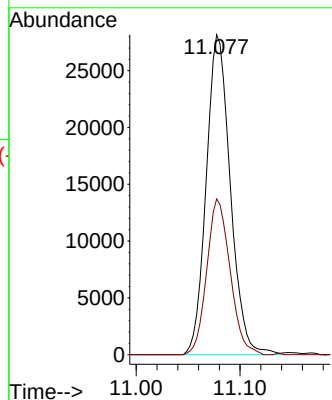
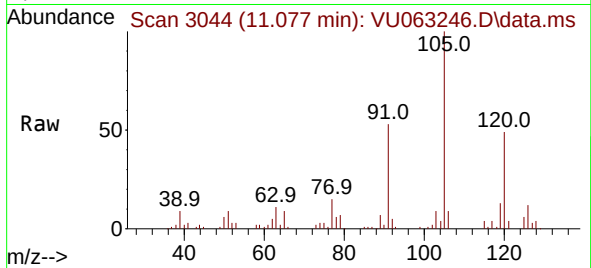
#75
1,3,5-Trimethylbenzene
Concen: 0.853 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 4539
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9

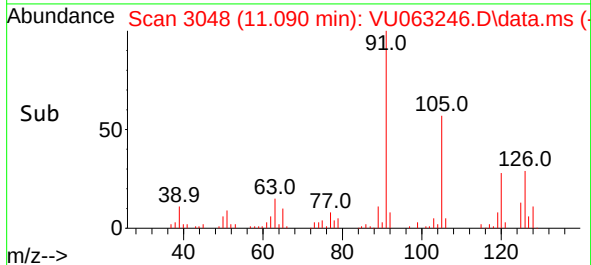
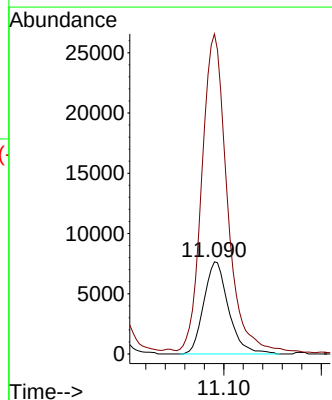
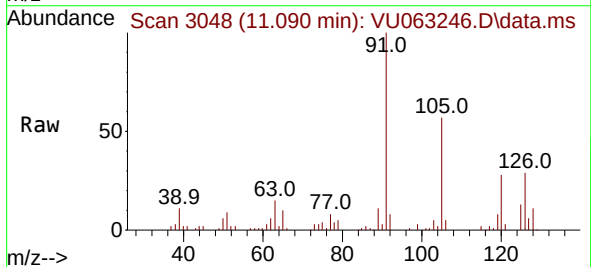
Manual Integrations
APPROVED

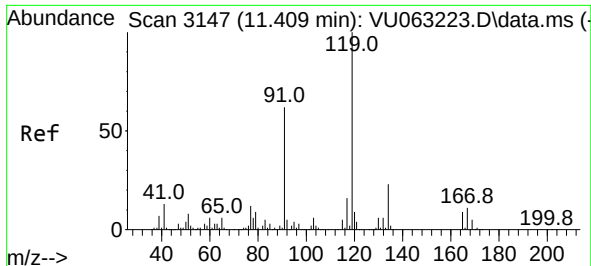
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#76
4-Chlorotoluene
Concen: 0.866 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

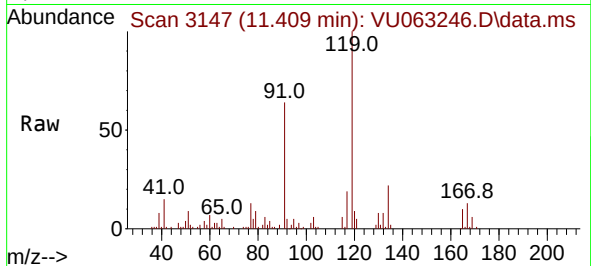
Tgt Ion:126 Resp: 13466
Ion Ratio Lower Upper
126 100
91 356.6 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.887 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

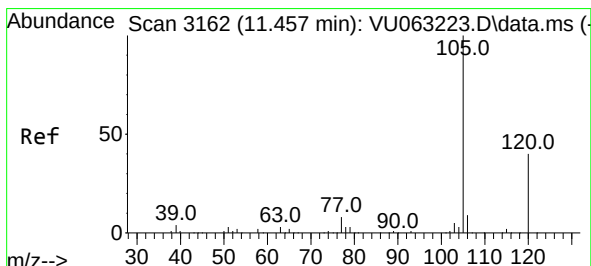
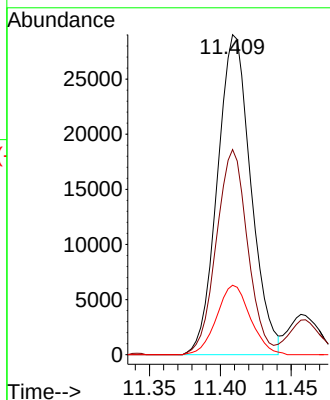
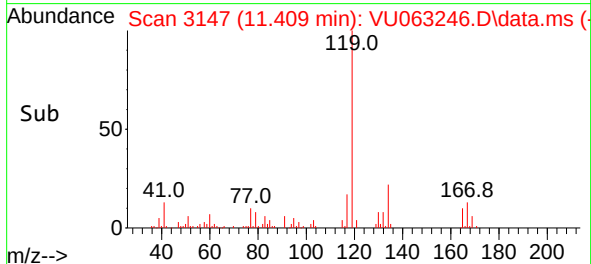
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



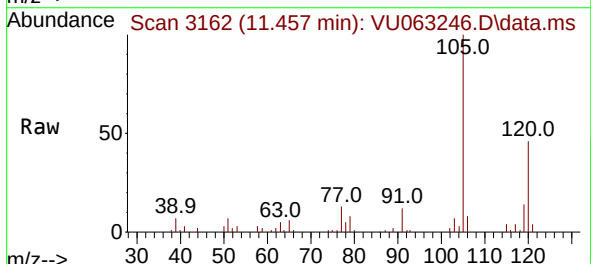
Tgt Ion:119 Resp: 47780
Ion Ratio Lower Upper
119 100
91 59.8 29.4 88.3
134 21.8 17.6 26.4

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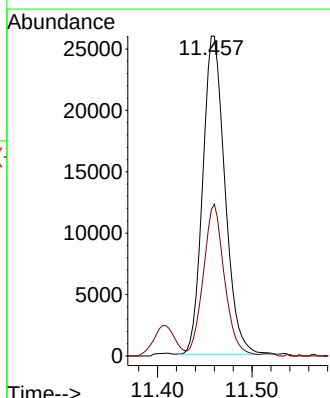
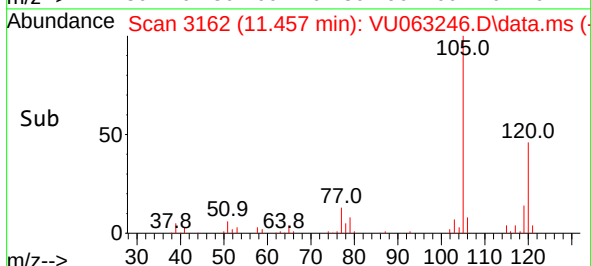
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

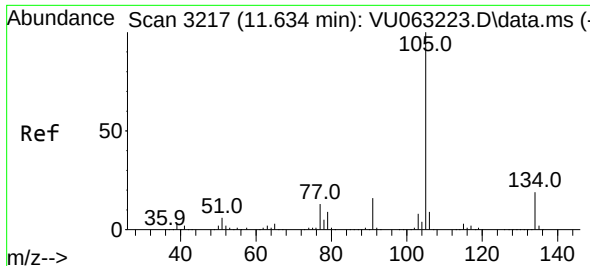


#78
1,2,4-Trimethylbenzene
Concen: 0.800 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



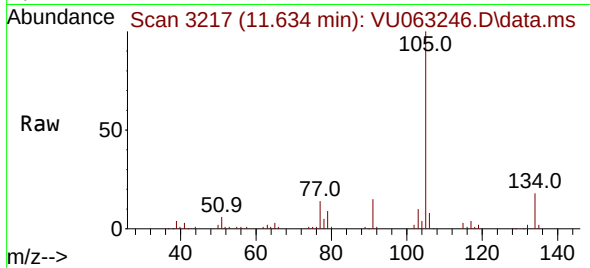
Tgt Ion:105 Resp: 42279
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 0.904 ug/l
 RT: 11.634 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29

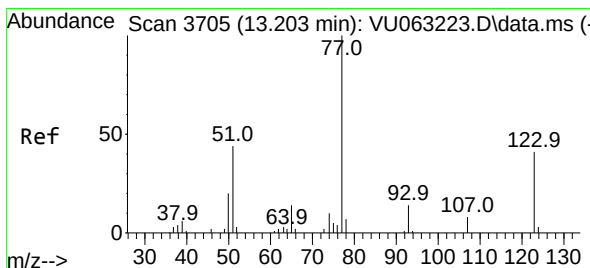
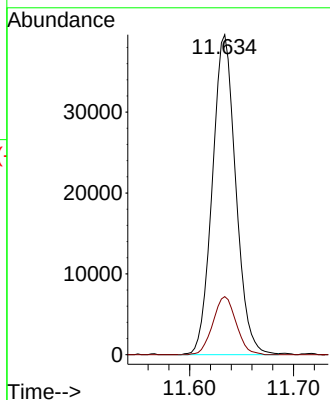
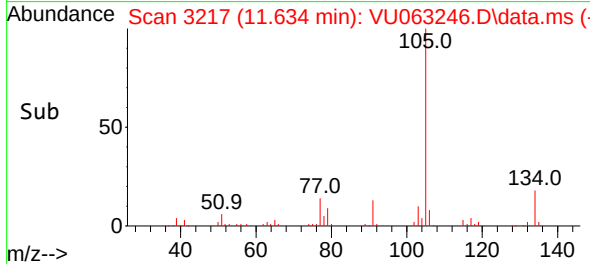
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



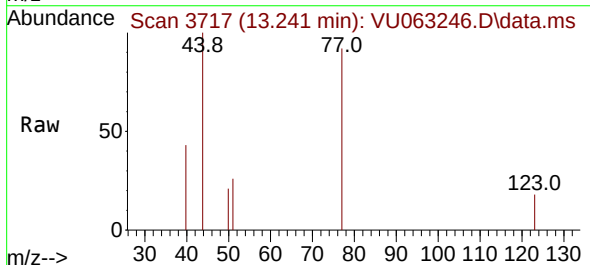
Tgt Ion:105 Resp: 61994
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.1 22.7

Manual Integrations
 APPROVED

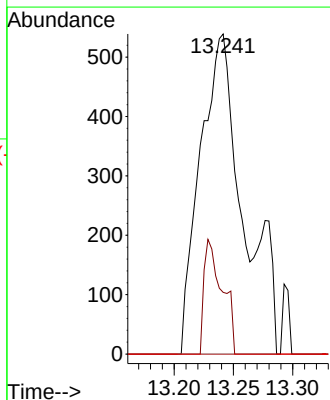
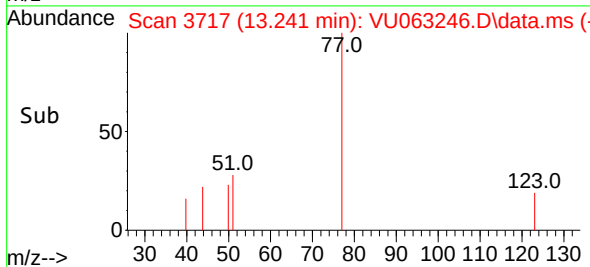
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

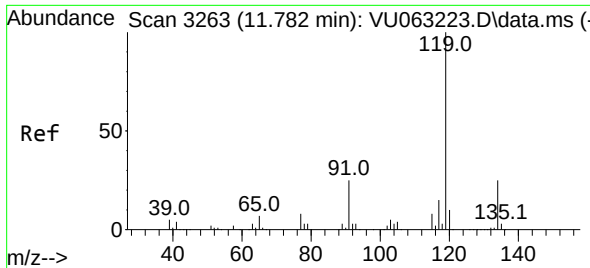


#80
 Nitrobenzene
 Concen: 3.720 ug/l m
 RT: 13.241 min Scan# 3717
 Delta R.T. 0.039 min
 Lab File: VU063246.D
 Acq: 11 Feb 2025 19:29



Tgt Ion: 77 Resp: 1361
 Ion Ratio Lower Upper
 77 100
 123 15.1 18.9 67.1#
 65 0.0 11.9 15.1#





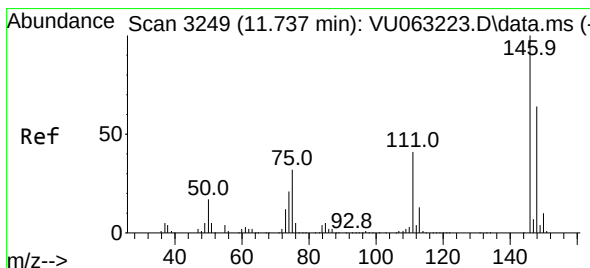
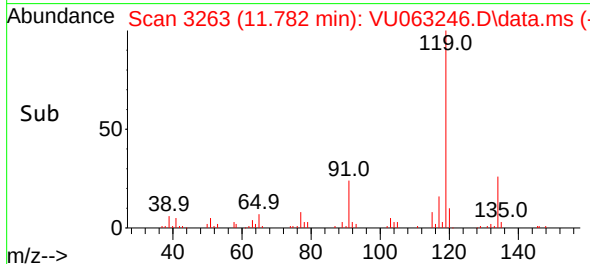
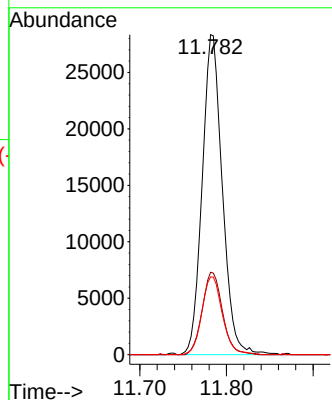
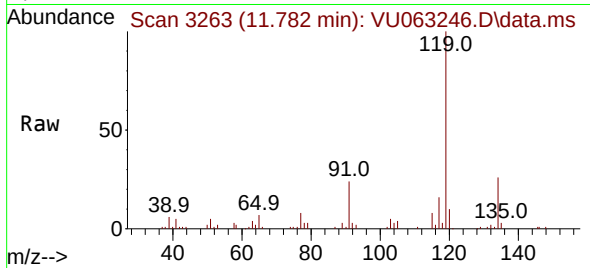
#81
p-Isopropyltoluene
Concen: 0.846 ug/l
RT: 11.782 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:119 Resp: 4576
Ion Ratio Lower Upper
119 100
134 25.9 20.3 30.5
91 24.8 19.4 29.2

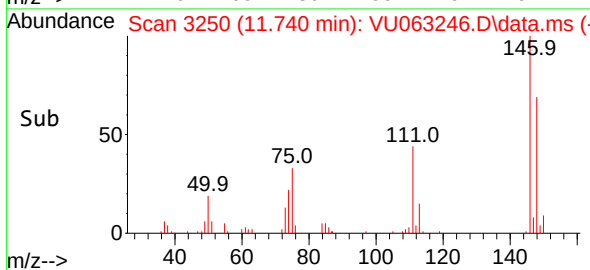
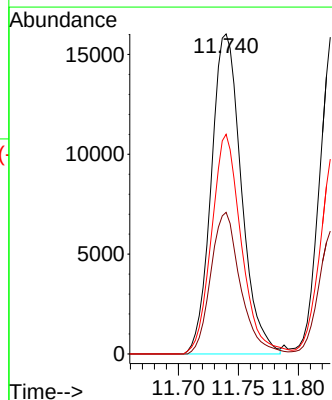
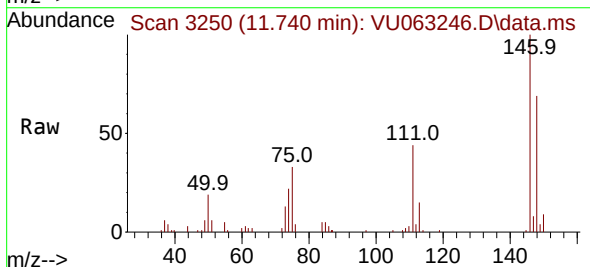
Manual Integrations
APPROVED

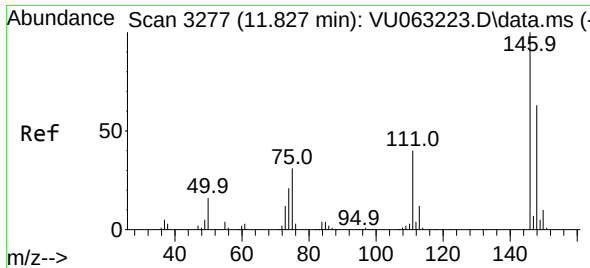
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 0.931 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

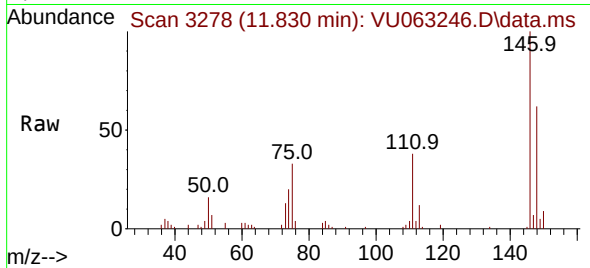
Tgt Ion:146 Resp: 27959
Ion Ratio Lower Upper
146 100
111 43.5 32.8 49.2
148 67.9 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 0.934 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

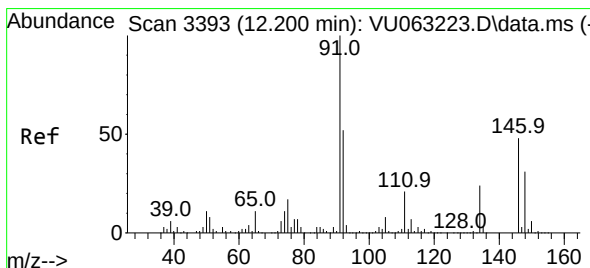
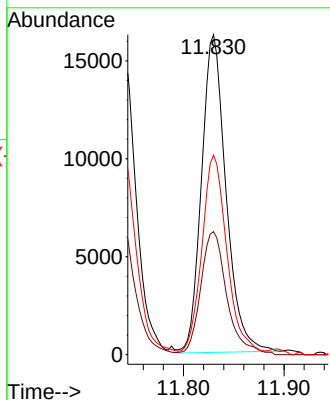
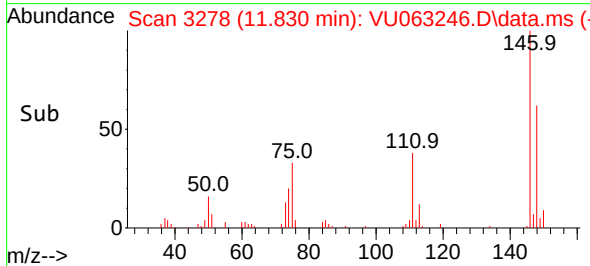
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



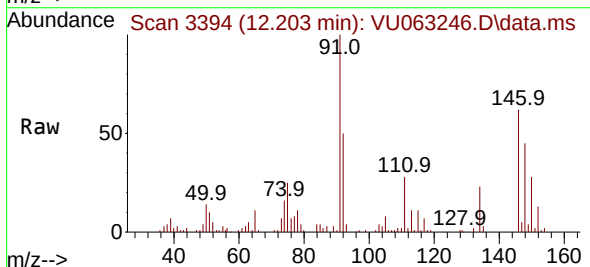
Tgt Ion:146 Resp: 2744
Ion Ratio Lower Upper
146 100
111 41.4 32.1 48.1
148 62.3 50.2 75.4

Manual Integrations
APPROVED

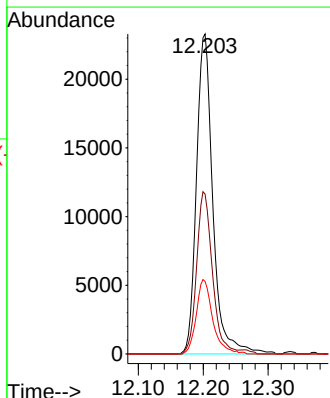
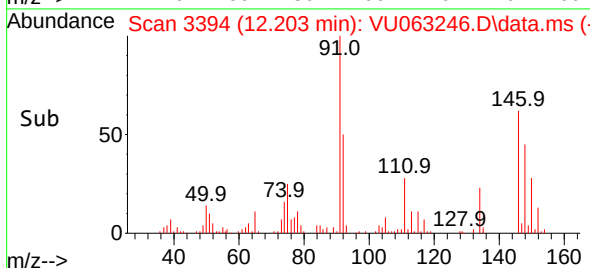
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

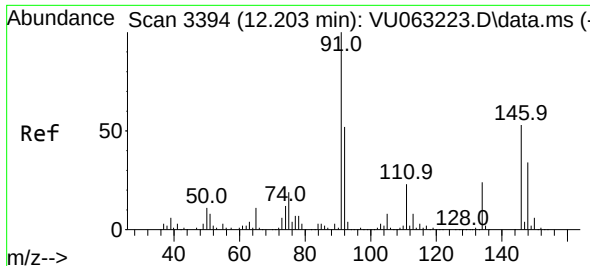


#84
n-Butylbenzene
Concen: 0.844 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



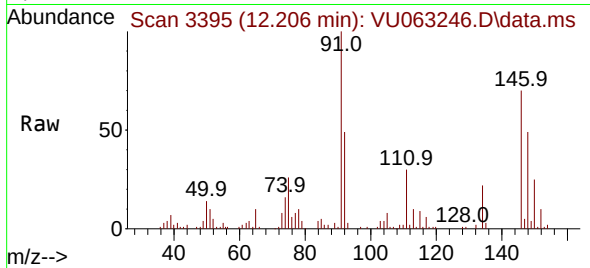
Tgt Ion: 91 Resp: 40948
Ion Ratio Lower Upper
91 100
92 48.9 41.8 62.8
134 23.4 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 0.931 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

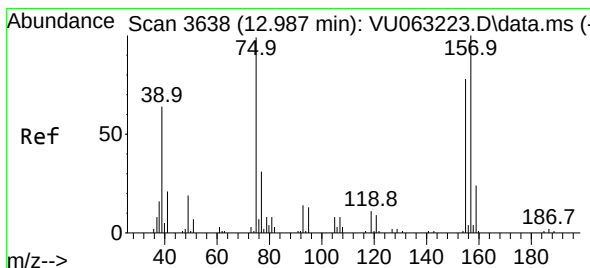
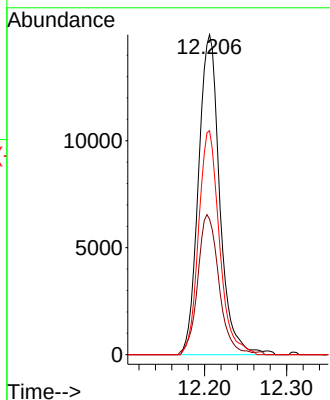
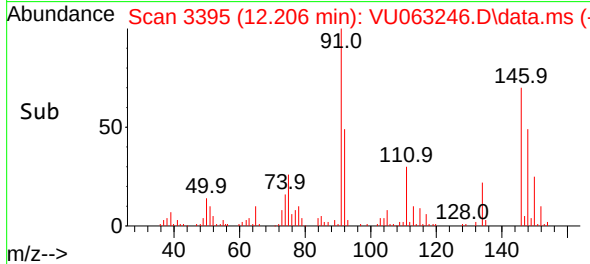
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



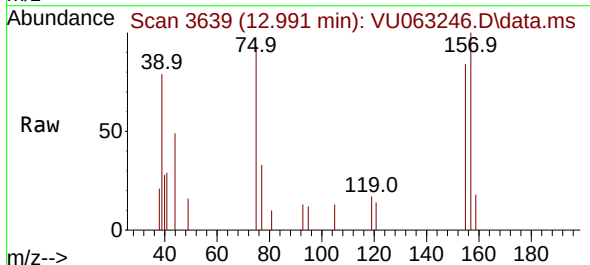
Tgt Ion:146 Resp: 2686
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.7
148 68.7 32.3 96.9

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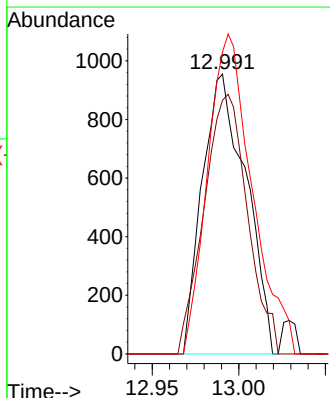
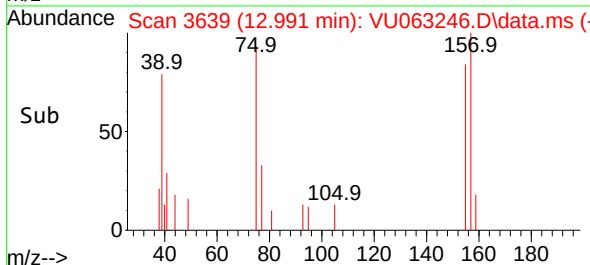
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

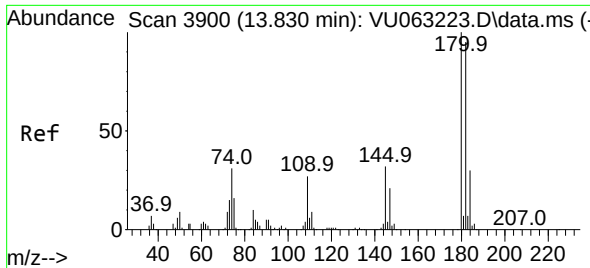


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.774 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



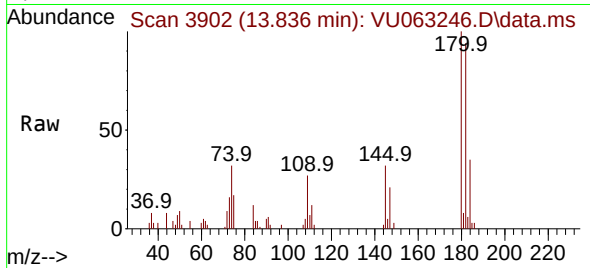
Tgt Ion: 75 Resp: 1672
Ion Ratio Lower Upper
75 100
155 92.5 63.5 95.3
157 116.6 81.8 122.6





#87
1,2,4-Trichlorobenzene
Concen: 0.856 ug/l
RT: 13.836 min Scan# 3900
Delta R.T. 0.006 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

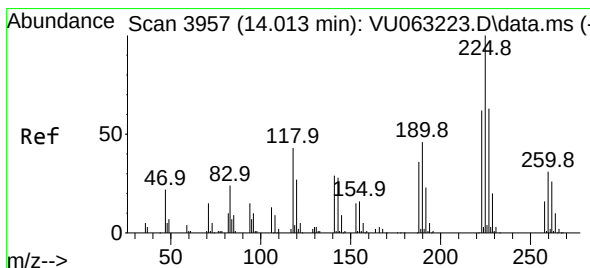
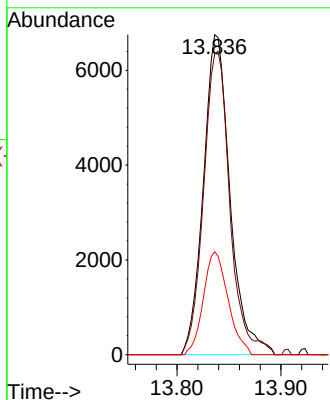
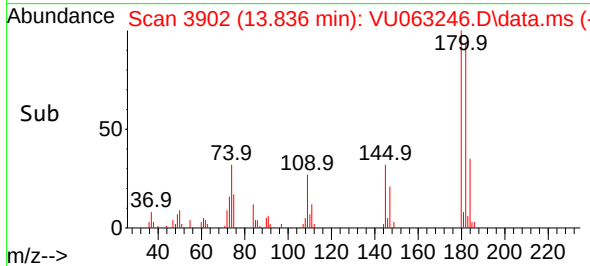
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2025



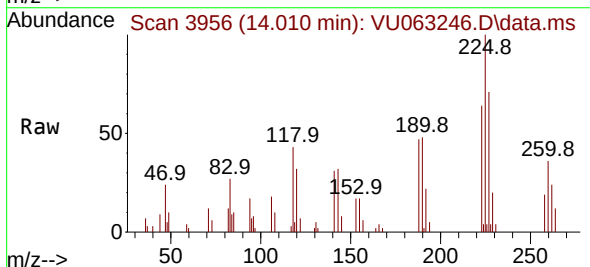
Tgt Ion:180 Resp: 1204
Ion Ratio Lower Upper
180 100
182 93.1 76.6 115.0
145 29.7 25.4 38.2

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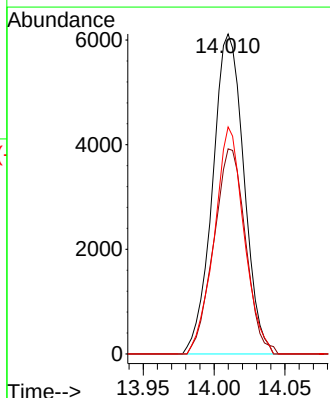
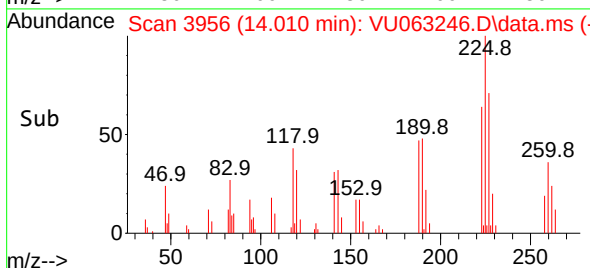
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

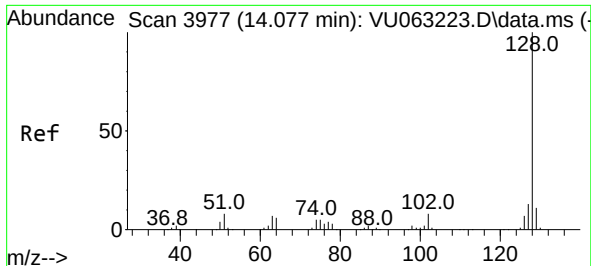


#88
Hexachlorobutadiene
Concen: 0.935 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



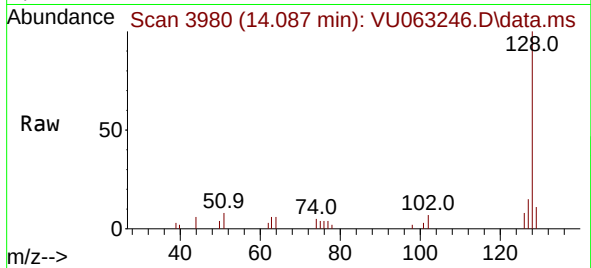
Tgt Ion:225 Resp: 9405
Ion Ratio Lower Upper
225 100
223 65.1 49.5 74.3
227 67.5 51.0 76.4





#89
Naphthalene
Concen: 0.782 ug/l m
RT: 14.087 min Scan# 3977
Delta R.T. 0.010 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29

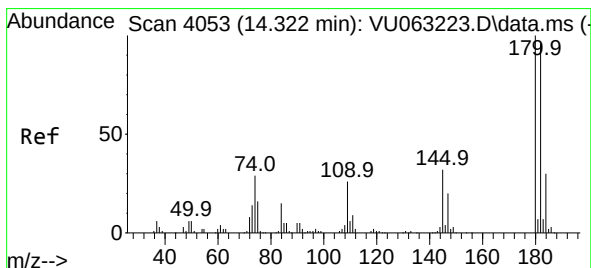
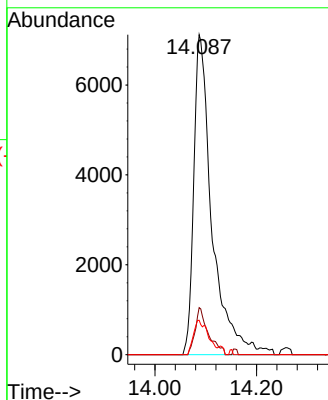
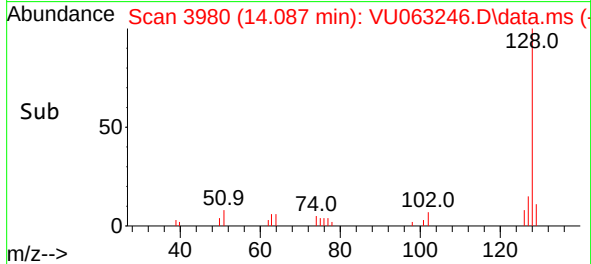
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2025



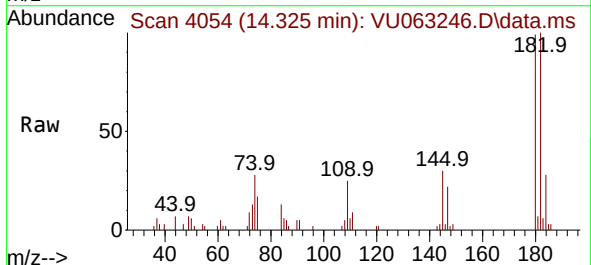
Tgt Ion:128 Resp: 17734
Ion Ratio Lower Upper
128 100
127 10.6 10.6 16.0
129 8.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.892 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063246.D
Acq: 11 Feb 2025 19:29



Tgt Ion:180 Resp: 12281
Ion Ratio Lower Upper
180 100
182 93.1 78.2 117.2
145 30.6 26.1 39.1

