

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063228.D
 Acq On : 11 Feb 2025 10:01
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 03:08:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	58984	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	20817	1.070	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	20041	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	168588	8.797	ug/l	99
3) Chloromethane	1.512	50	183150	8.299	ug/l	99
4) Vinyl Chloride	1.595	62	191877	8.787	ug/l	99
5) Bromomethane	1.846	94	108143	10.135	ug/l	100
6) Chloroethane	1.923	64	118959	8.649	ug/l	99
7) Trichlorofluoromethane	2.129	101	232107	8.970	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	134615	9.165	ug/l	100
9) 1,1-Dichloroethene	2.570	96	133273	8.906	ug/l	99
10) Iodomethane	2.708	142	220323	9.365	ug/l	100
11) Allyl Chloride	2.911	41	197158	9.171	ug/l	99
12) Acrylonitrile	3.306	53	63729	18.464	ug/l	97
13) Acetone	2.621	43	108004	40.694	ug/l	98
14) Carbon Disulfide	2.782	76	457748	8.748	ug/l	100
15) Methylene Chloride	3.030	84	159891	8.649	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	154228	9.030	ug/l	97
17) 1,1-Dichloroethane	3.853	63	285900	8.881	ug/l	100
18) 2-Butanone	4.692	43	189230	44.800	ug/l	99
19) Cyclohexane	5.373	56	251683m	9.729	ug/l	
20) Methylcyclohexane	6.753	83	264092	10.295	ug/l	99
21) 2,2-Dichloropropane	4.647	77	232569	9.260	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	167648	9.085	ug/l	98
23) Diethyl Ether	2.364	59	107509	8.373	ug/l	94
24) tert-Butyl Alcohol	3.190	59	97948	72.937	ug/l	99
25) Methyl tert-Butyl Ether	3.348	73	345688	9.249	ug/l	100
26) Bromochloromethane	4.959	128	71801	8.902	ug/l	99
27) Chloroform	5.071	83	287897	8.862	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	240282	9.130	ug/l	99
29) 1,1-Dichloropropene	5.512	75	221821	9.411	ug/l	99
30) Carbon Tetrachloride	5.512	117	205723	9.115	ug/l	97
31) Isopropyl Ether	3.975	45	438504	9.541	ug/l	98
32) Ethyl-t-butyl ether	4.483	59	404506	9.678	ug/l	100
33) Tert-Amyl methyl ether	5.926	73	355235	9.728	ug/l	100
34) Propionitrile	4.769	54	62417	48.994	ug/l	97
35) Benzene	5.759	78	659362	9.098	ug/l	99
36) 1,2-Dichloroethane	5.779	62	181267	8.666	ug/l	99
37) Trichloroethene	6.531	130	157032	9.111	ug/l	99
38) 1,2-Dichloropropane	6.779	63	172356	9.086	ug/l	99
39) Methacrylonitrile	4.959	41	46751	9.847	ug/l	96
40) Methyl acrylate	4.837	55	73871	8.442	ug/l	96
41) Tetrahydrofuran	5.046	42	49020	17.753	ug/l	99
42) 1-Chlorobutane	5.444	56	309030	9.582	ug/l	99
43) Dibromomethane	6.907	93	85171	8.867	ug/l	97
44) Bromodichloromethane	7.094	83	204300	9.138	ug/l	99

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Instrument :
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 ClientSampleId :
 VSTDCCC010

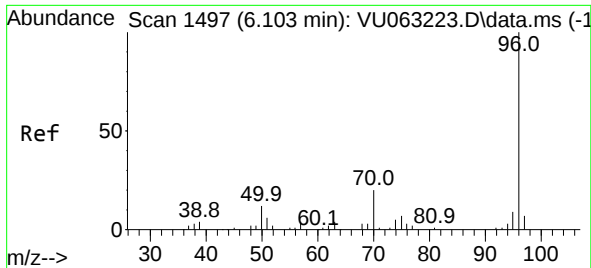
Manual Integrations
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Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 03:08:58 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	477721	47.438	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	104119m	21.994	ug/l	
47) Methyl methacrylate	6.949	69	158763	19.623	ug/l	99
48) Ethyl methacrylate	8.322	69	156800	10.321	ug/l	99
49) Toluene	7.959	92	403234	9.675	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	200824	9.811	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	236098	9.338	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	118560	9.154	ug/l	99
53) 1,3-Dichloropropane	8.563	76	209175	9.097	ug/l	99
54) 2-Hexanone	8.676	43	327783	47.697	ug/l	99
55) Dibromochloromethane	8.798	129	136618	9.169	ug/l	98
56) 1,2-Dibromoethane	8.914	107	112027	9.223	ug/l	99
58) Tetrachloroethene	8.544	164	132957	9.361	ug/l	99
59) Chlorobenzene	9.438	112	418432	9.514	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	145537	9.206	ug/l	100
61) Pentachloroethane	11.415	117	125203	8.865	ug/l	99
62) Hexachloroethane	12.463	117	116848	9.352	ug/l	99
63) Ethyl Benzene	9.560	91	759839	10.017	ug/l	100
64) m/p-Xylenes	9.682	106	579956	20.468	ug/l	99
65) o-Xylene	10.090	106	277570	10.007	ug/l	99
66) Styrene	10.103	104	451617	10.231	ug/l	100
67) Bromoform	10.280	173	76919	9.096	ug/l	99
69) Isopropylbenzene	10.473	105	663578	10.176	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	153961	8.820	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	124385m	9.485	ug/l	
72) Bromobenzene	10.772	156	166186	9.459	ug/l	100
73) n-propylbenzene	10.894	120	194100	10.396	ug/l	98
74) 2-Chlorotoluene	10.975	126	170502	9.909	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	619325	10.250	ug/l	100
76) 4-Chlorotoluene	11.087	126	177057	10.034	ug/l	97
77) tert-Butylbenzene	11.409	119	604402	9.891	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	624278	10.413	ug/l	99
79) sec-Butylbenzene	11.634	105	798973	10.269	ug/l	99
80) Nitrobenzene	13.203	77	19933m	39.429	ug/l	
81) p-Isopropyltoluene	11.782	119	648966	10.569	ug/l	100
82) 1,3-Dichlorobenzene	11.733	146	320582	9.407	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	320867	9.626	ug/l	99
84) n-Butylbenzene	12.196	91	608967	11.060	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	304747	9.305	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	22925	9.357	ug/l	96
87) 1,2,4-Trichlorobenzene	13.830	180	175153	10.965	ug/l	99
88) Hexachlorobutadiene	14.010	225	110172	9.651	ug/l	98
89) Naphthalene	14.077	128	294274	8.899	ug/l	99
90) 1,2,3-Trichlorobenzene	14.318	180	165126	10.565	ug/l	99

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



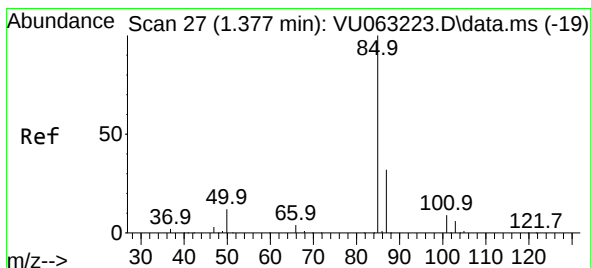
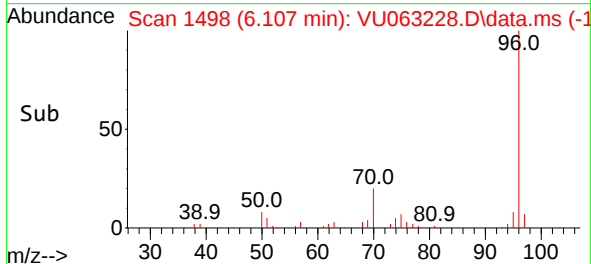
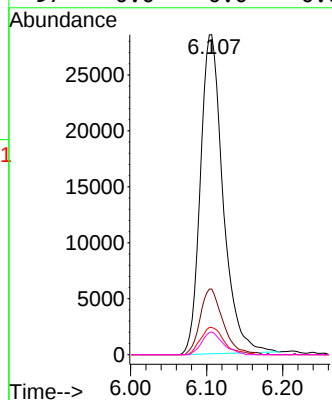
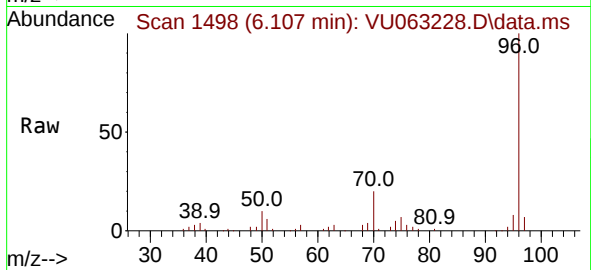
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 58984
Ion Ratio Lower Upper
96 100
70 20.8 15.6 23.4
95 8.9 7.3 10.9
97 0.0 0.0 0.0

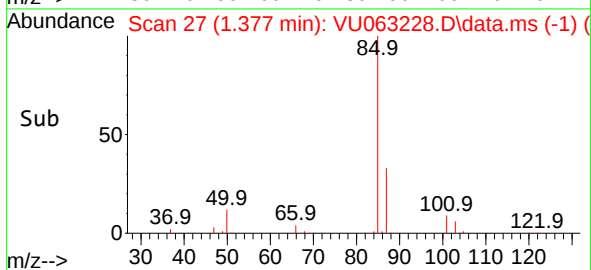
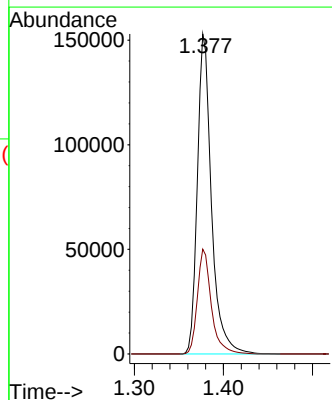
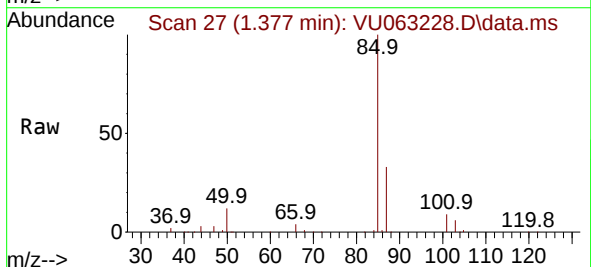
Manual Integrations
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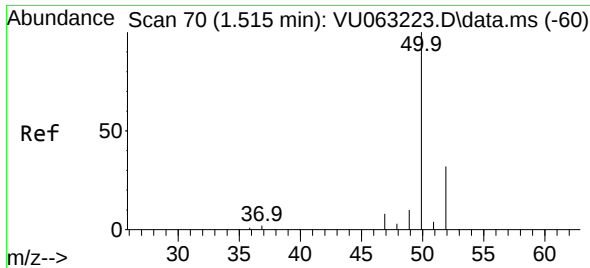
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 8.797 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 85 Resp: 168588
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





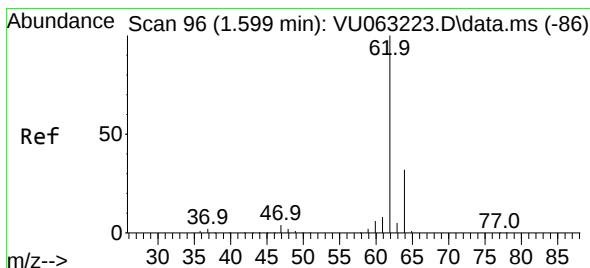
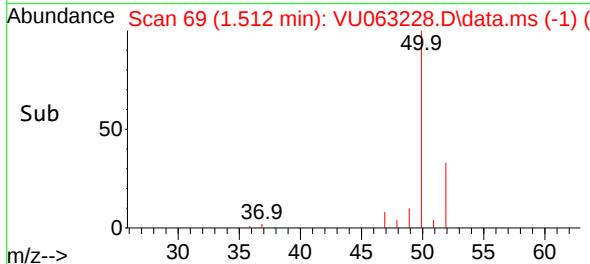
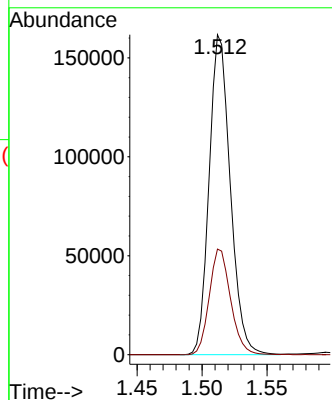
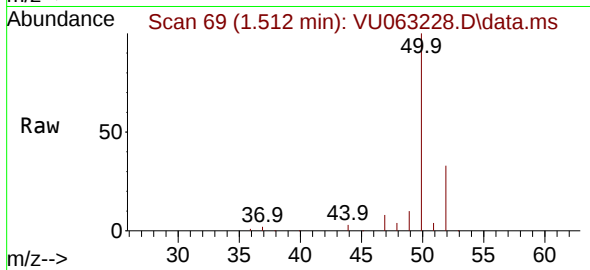
#3
Chloromethane
Concen: 8.299 ug/l
RT: 1.512 min Scan# 69
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 183150
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.8

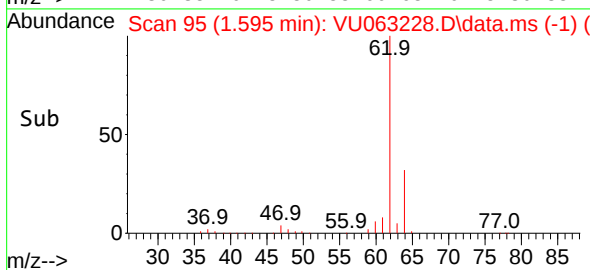
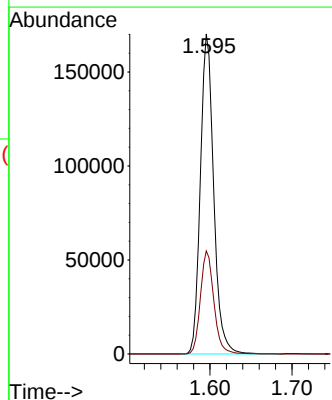
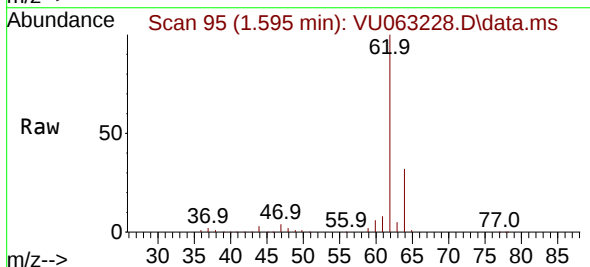
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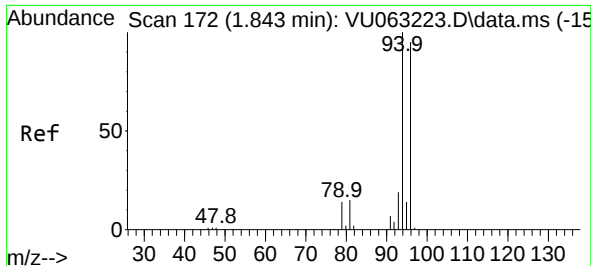
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 8.787 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 62 Resp: 191877
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





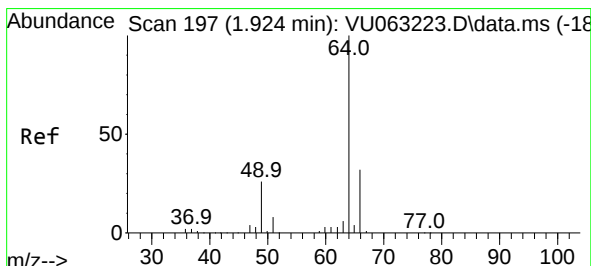
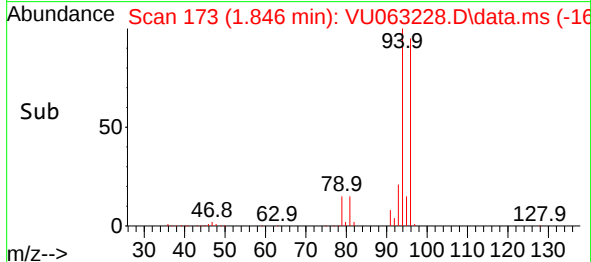
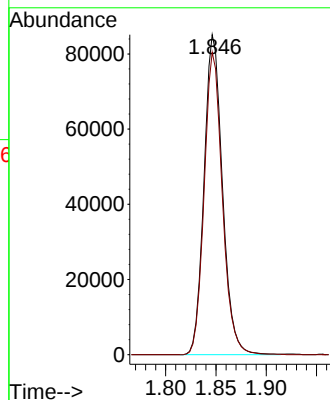
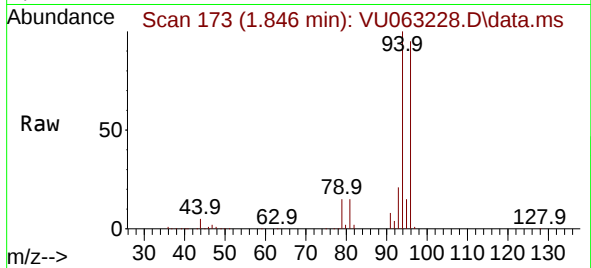
#5
Bromomethane
Concen: 10.135 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 94 Resp: 10814
Ion Ratio Lower Upper
94 100
96 94.5 75.7 113.5

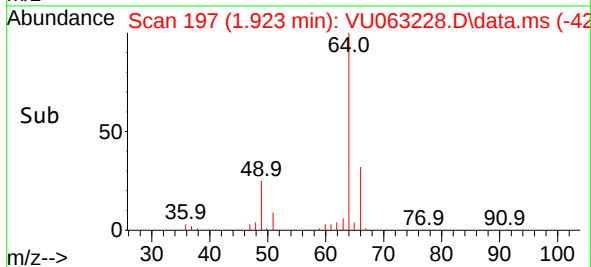
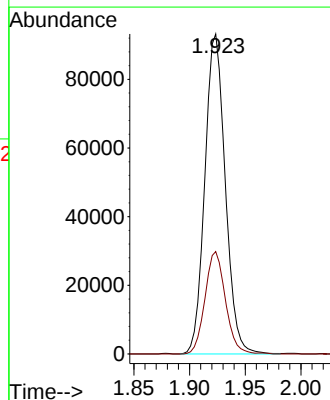
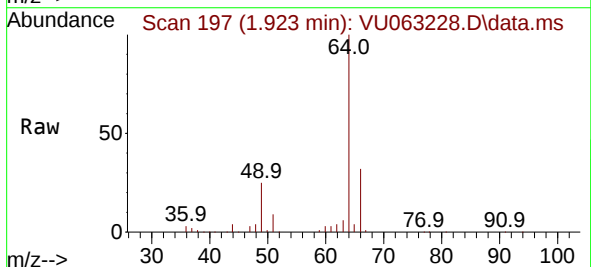
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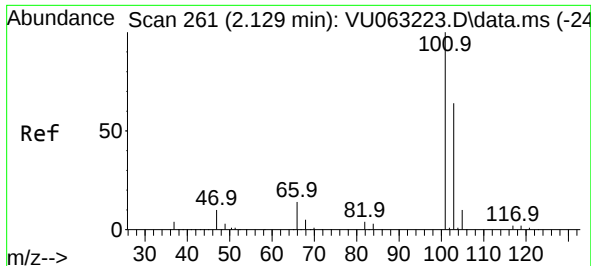
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 8.649 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

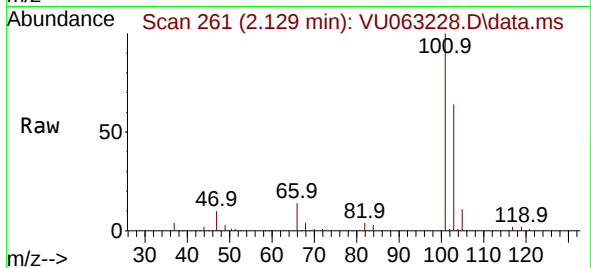
Tgt Ion: 64 Resp: 118959
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





#7
Trichlorofluoromethane
Concen: 8.970 ug/l
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

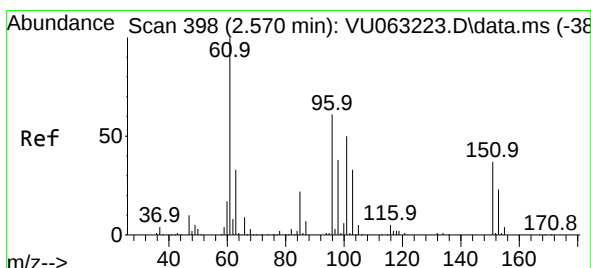
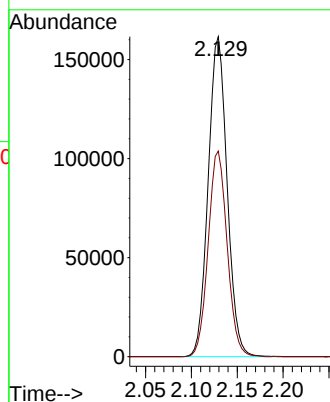
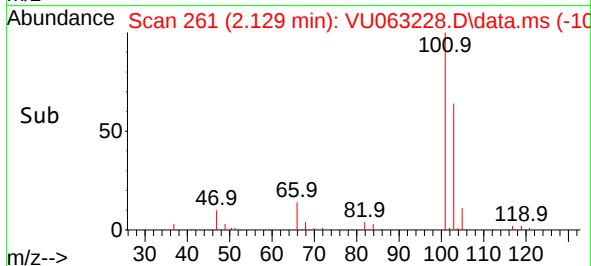
Instrument :
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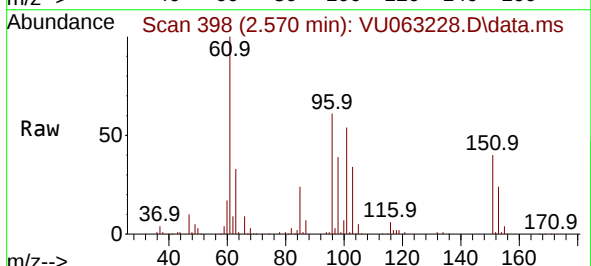
Tgt Ion:101 Resp: 23210
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

Manual Integrations
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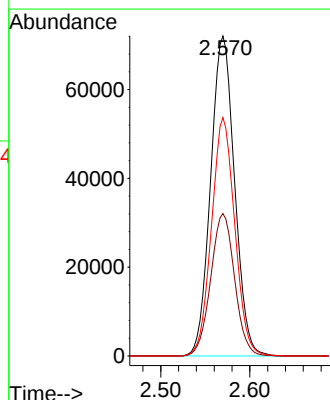
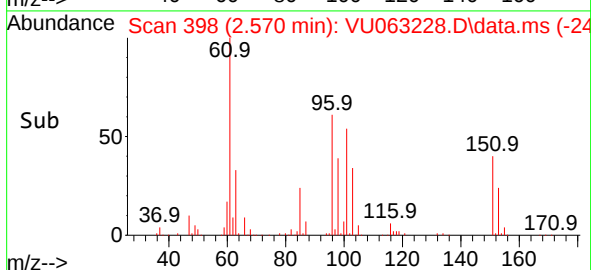
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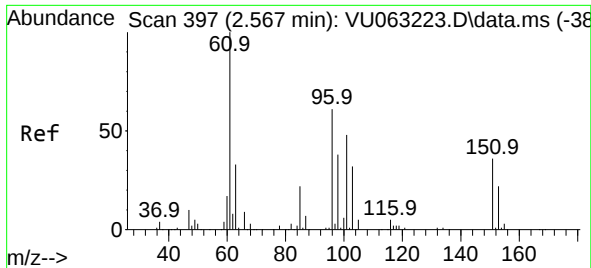


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.165 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:101 Resp: 134615
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 72.6 58.5 87.7





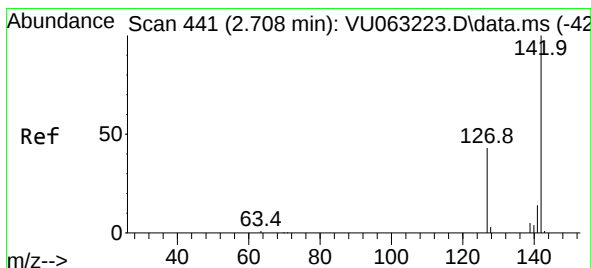
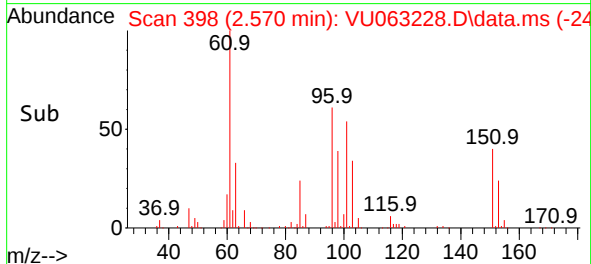
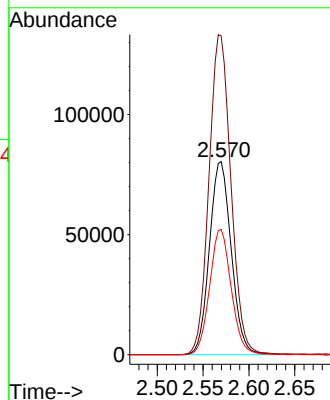
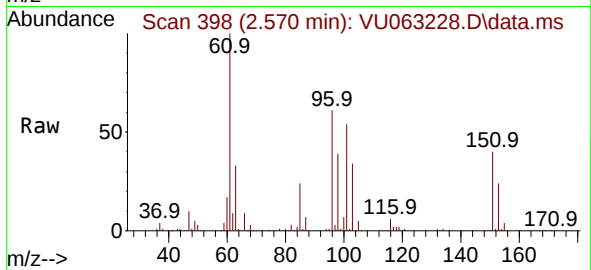
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1,1-Dichloroethene
Concen: 8.906 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 13327
Ion Ratio Lower Upper
96 100
61 165.1 0.0 492.9
98 64.9 0.0 124.0

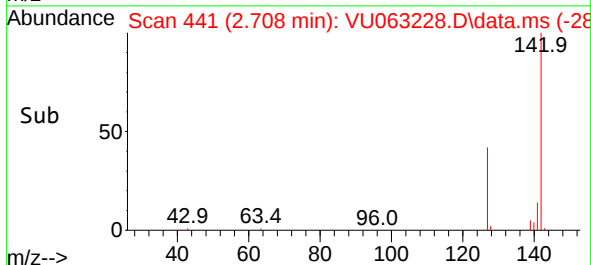
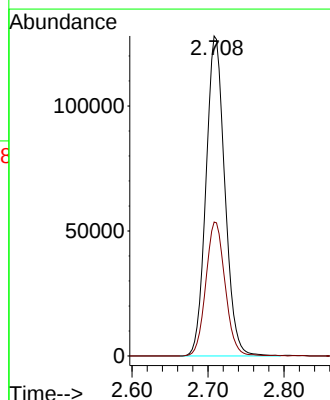
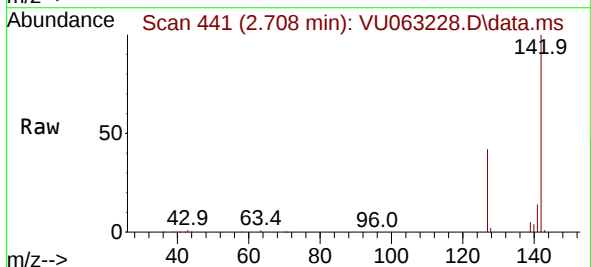
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APPROVED

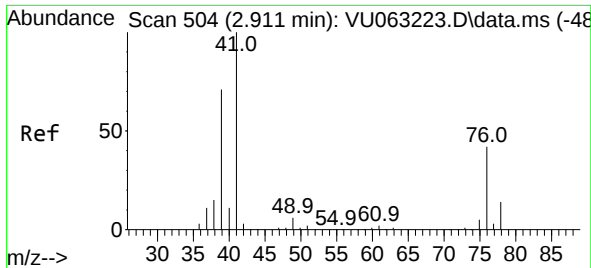
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 9.365 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion:142 Resp: 220323
Ion Ratio Lower Upper
142 100
127 42.8 34.5 51.7





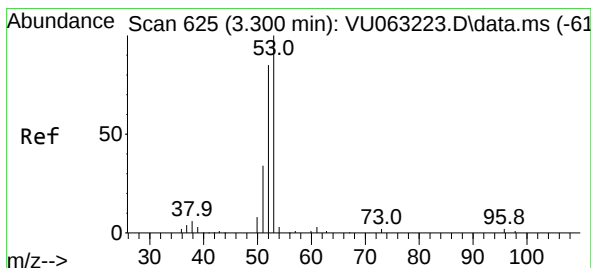
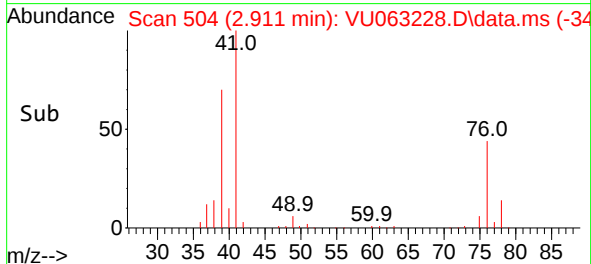
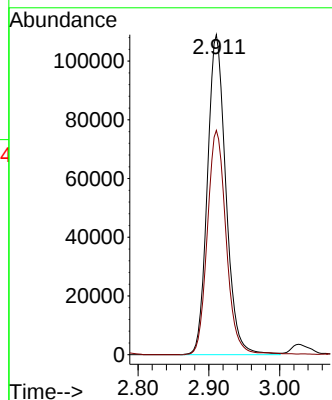
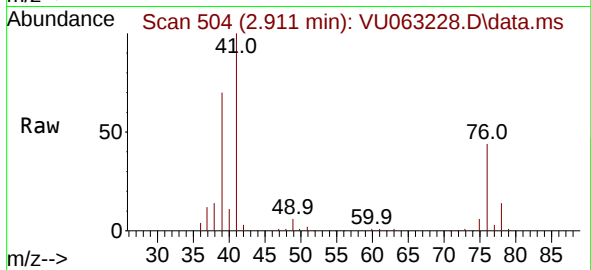
#11
 Allyl Chloride
 Concen: 9.171 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 197158
 Ion Ratio Lower Upper
 41 100
 39 71.6 57.9 86.9

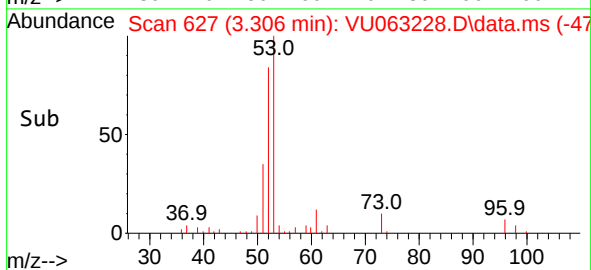
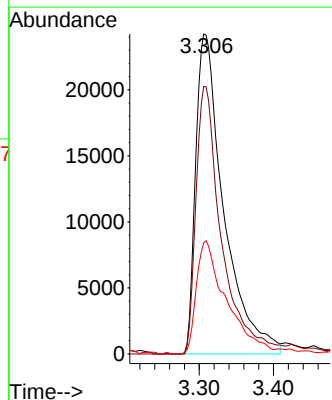
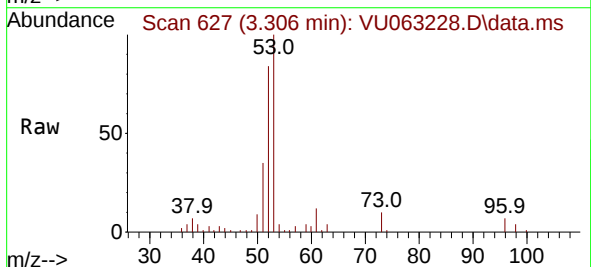
Manual Integrations
 APPROVED

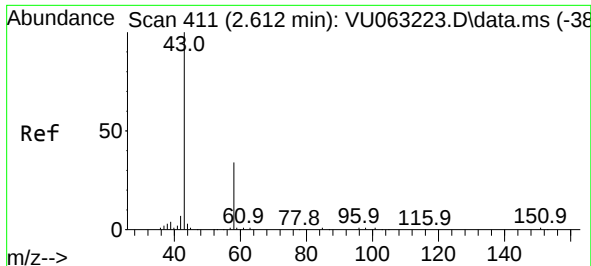
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#12
 Acrylonitrile
 Concen: 18.464 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

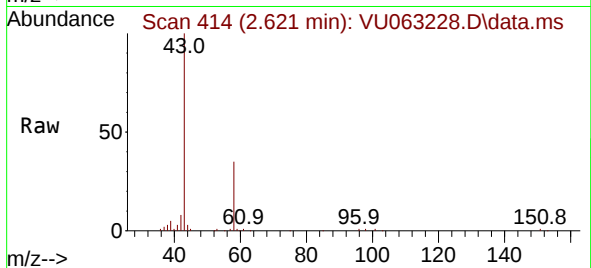
Tgt Ion: 53 Resp: 63729
 Ion Ratio Lower Upper
 53 100
 52 76.3 64.2 96.2
 51 37.9 30.8 46.2





#13
Acetone
Concen: 40.694 ug/l
RT: 2.621 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

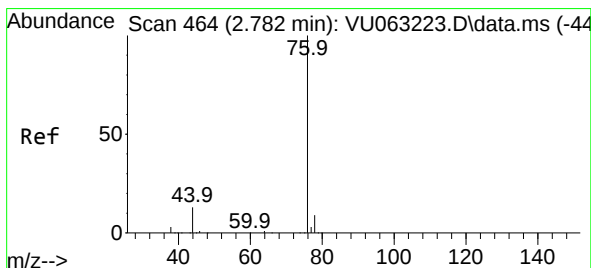
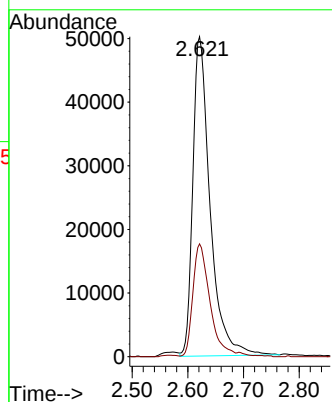
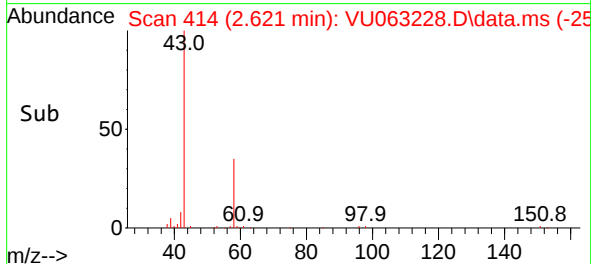
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 108004
Ion Ratio Lower Upper
43 100
58 35.5 27.4 41.0

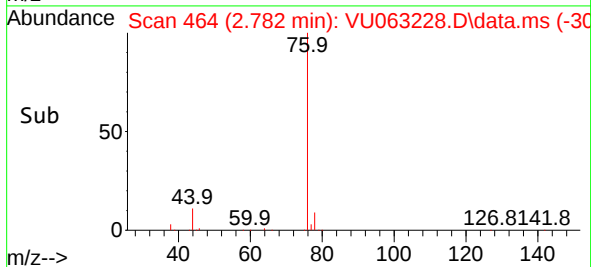
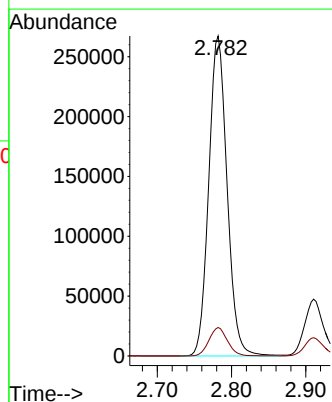
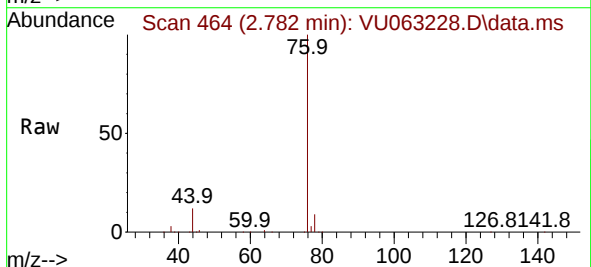
Manual Integrations
APPROVED

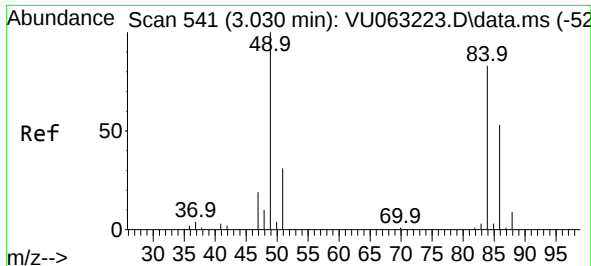
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#14
Carbon Disulfide
Concen: 8.748 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

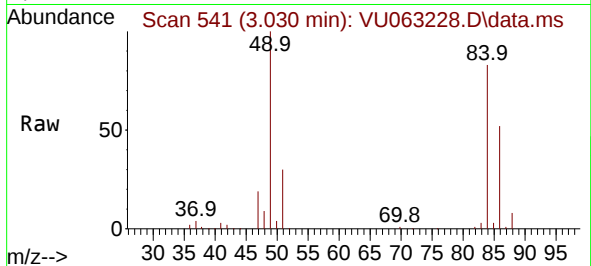
Tgt Ion: 76 Resp: 457748
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15
Methylene Chloride
Concen: 8.649 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

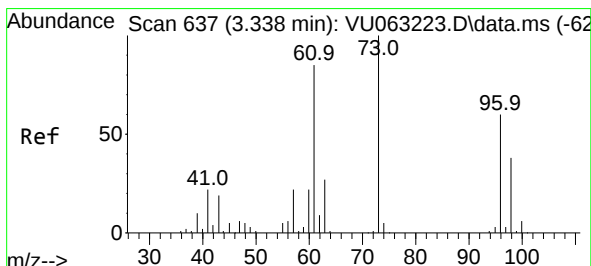
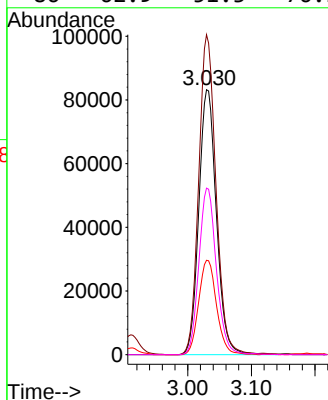
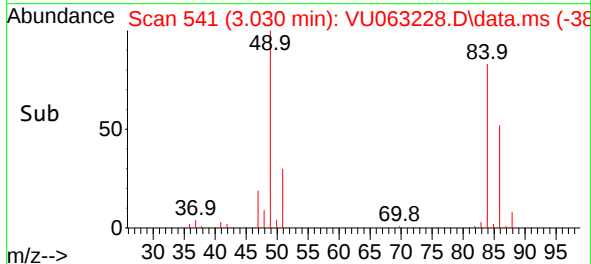
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



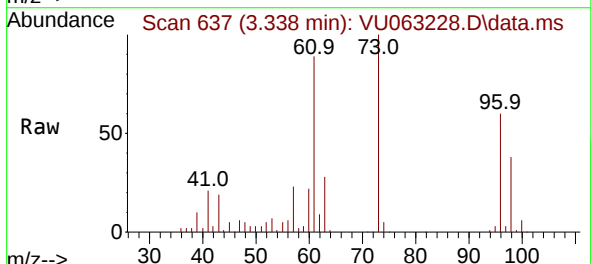
Tgt Ion: 84 Resp: 15989
Ion Ratio Lower Upper
84 100
49 120.8 96.4 144.6
51 35.7 0.0 74.8
86 62.9 51.3 76.9

Manual Integrations
APPROVED

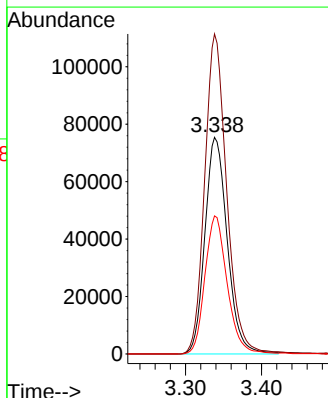
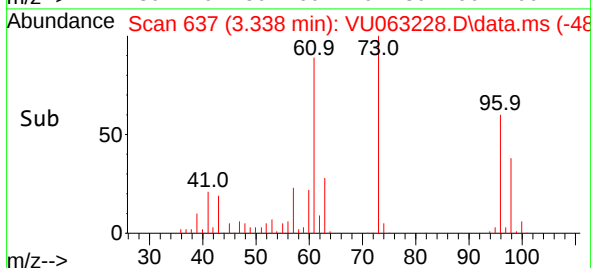
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

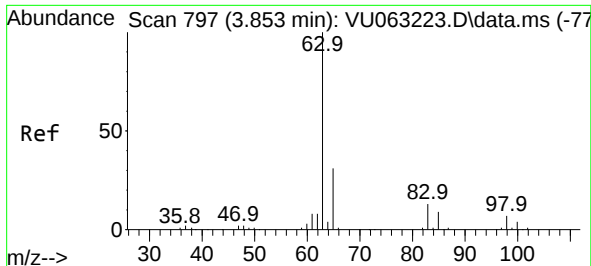


#16
trans-1,2-Dichloroethene
Concen: 9.030 ug/l
RT: 3.338 min Scan# 637
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion: 96 Resp: 154228
Ion Ratio Lower Upper
96 100
61 147.7 113.4 170.2
98 63.7 51.2 76.8





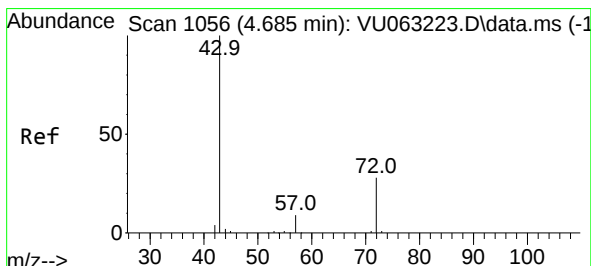
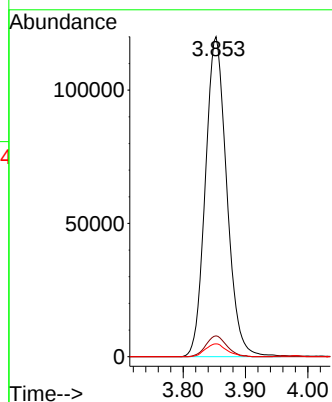
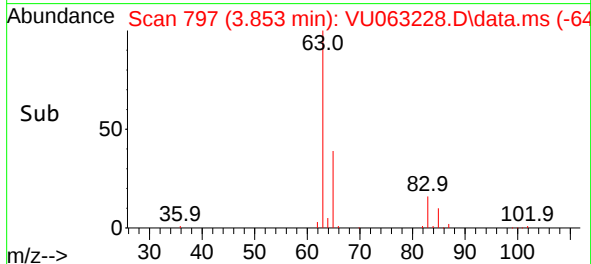
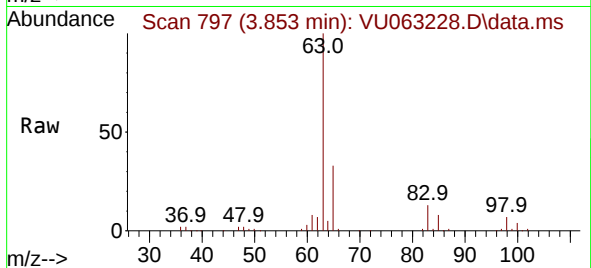
#17
1,1-Dichloroethane
Concen: 8.881 ug/l
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 285900
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.0 2.1 6.2

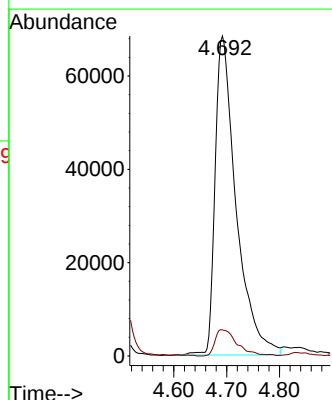
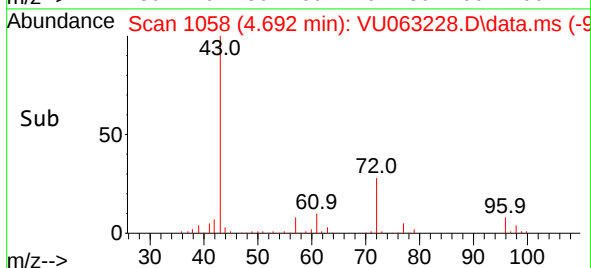
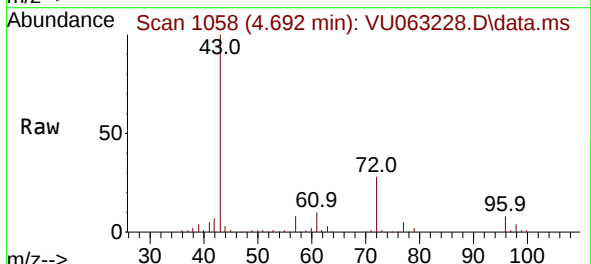
Manual Integrations
APPROVED

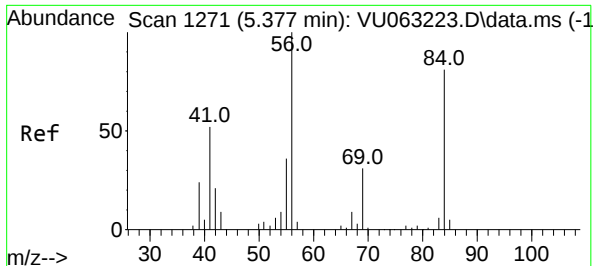
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 44.800 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 43 Resp: 189230
Ion Ratio Lower Upper
43 100
57 8.0 0.0 17.0





#19

Cyclohexane

Concen: 9.729 ug/l m

RT: 5.373 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 25168

Ion Ratio Lower Upper

56 100

69 31.4 24.5 36.7

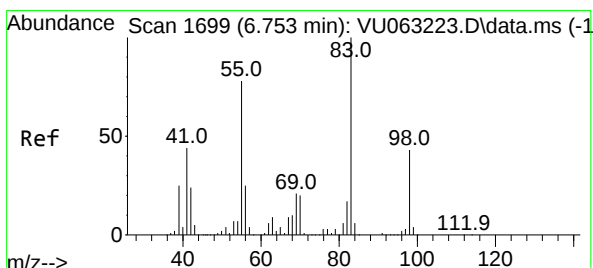
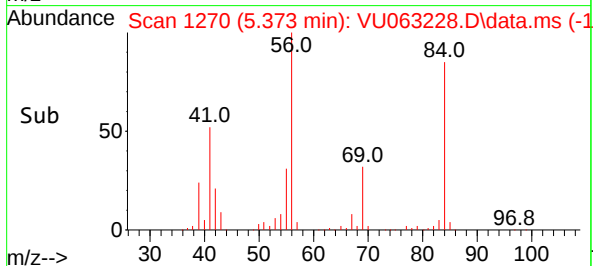
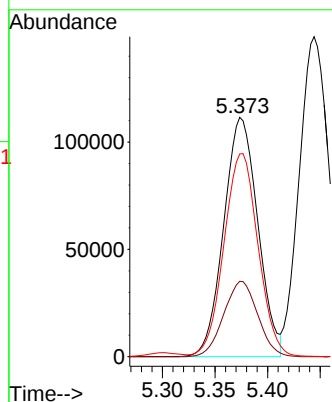
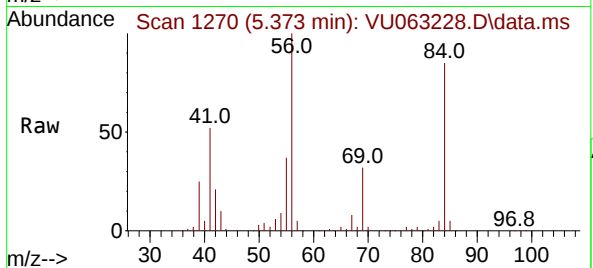
84 83.6 65.2 97.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#20

Methylcyclohexane

Concen: 10.295 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

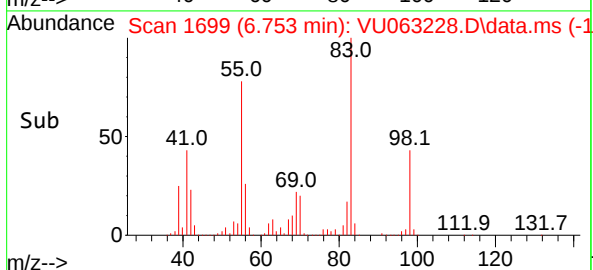
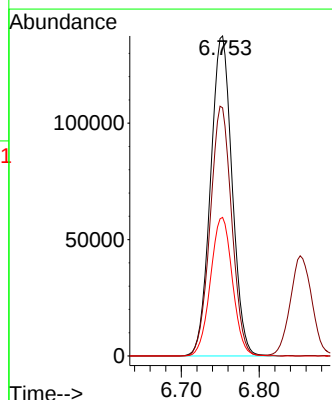
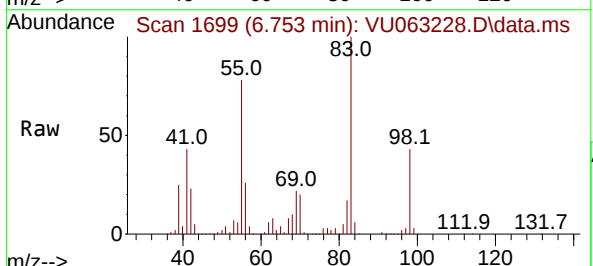
Tgt Ion: 83 Resp: 264092

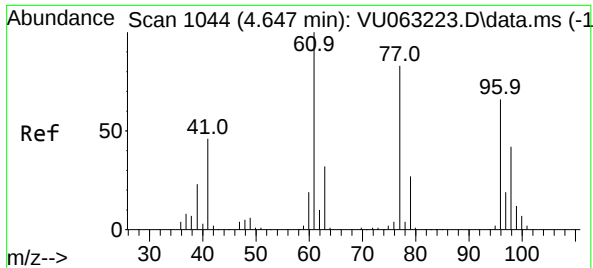
Ion Ratio Lower Upper

83 100

55 77.6 63.1 94.7

98 44.1 35.2 52.8





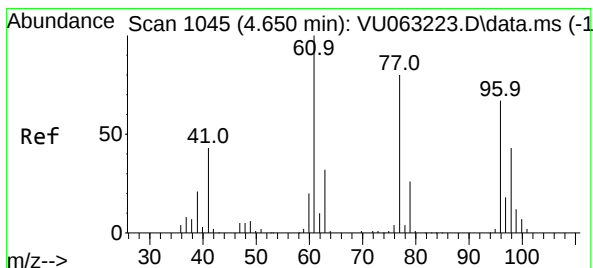
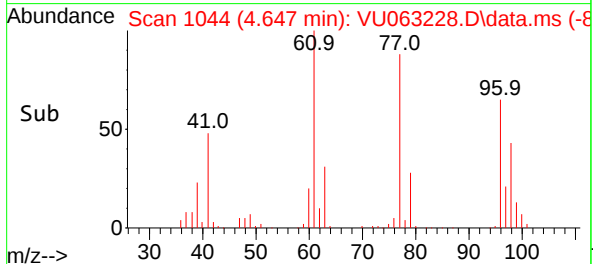
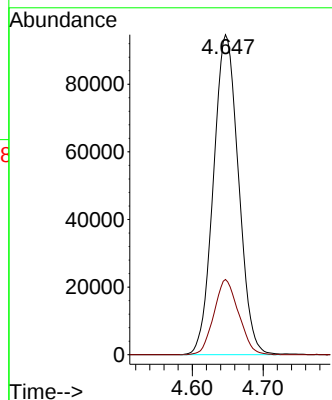
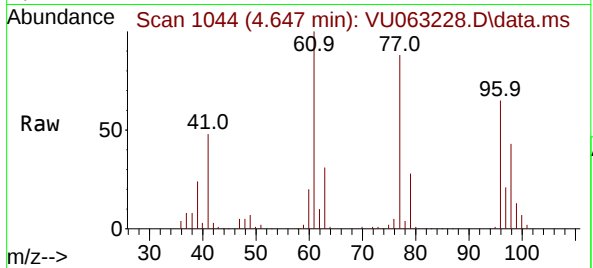
#21
2,2-Dichloropropane
Concen: 9.260 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 232569
Ion Ratio Lower Upper
77 100
97 23.1 18.5 27.7

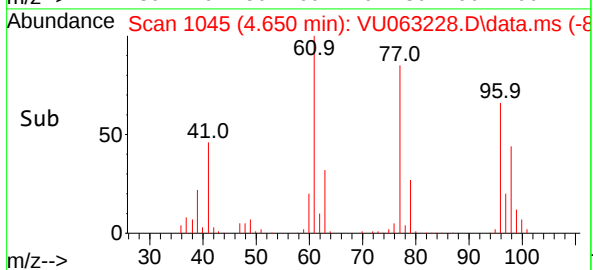
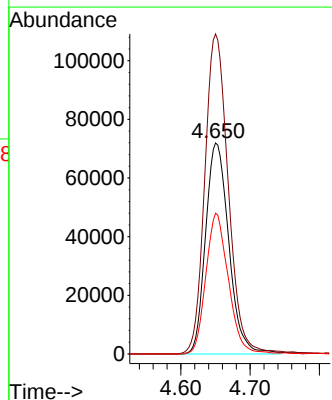
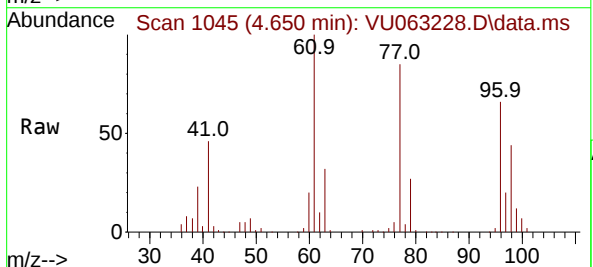
Manual Integrations
APPROVED

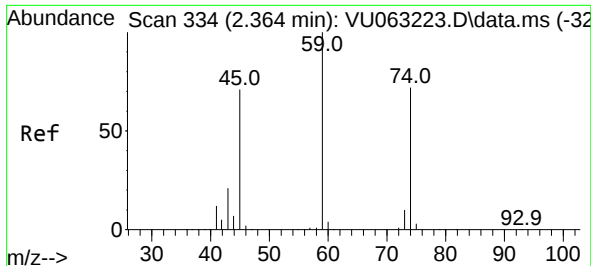
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 9.085 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

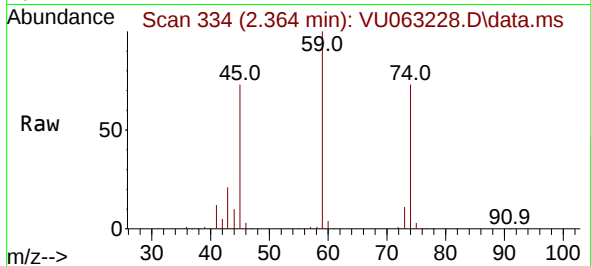
Tgt Ion: 96 Resp: 167648
Ion Ratio Lower Upper
96 100
61 153.2 0.0 373.3
98 64.5 31.9 95.9





#23
Diethyl Ether
Concen: 8.373 ug/l
RT: 2.364 min Scan# 334
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

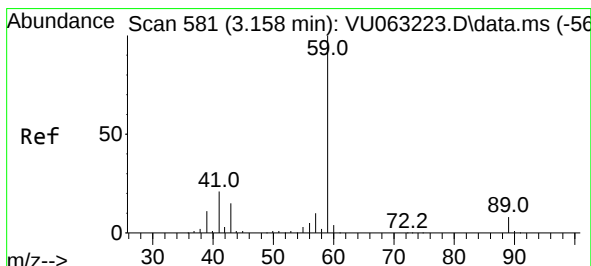
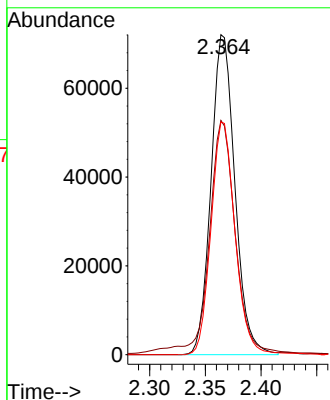
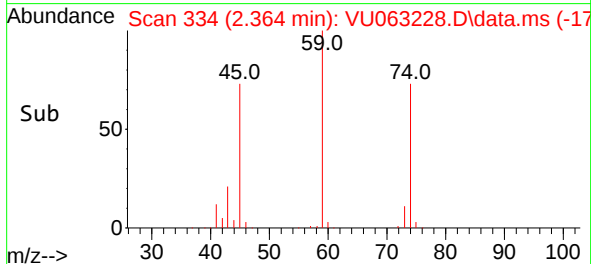
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



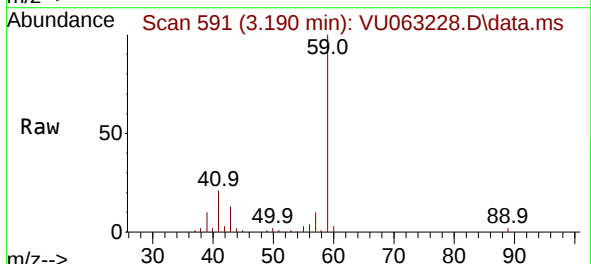
Tgt Ion: 59 Resp: 107509
Ion Ratio Lower Upper
59 100
45 80.4 57.8 86.6
74 73.5 57.7 86.5

Manual Integrations
APPROVED

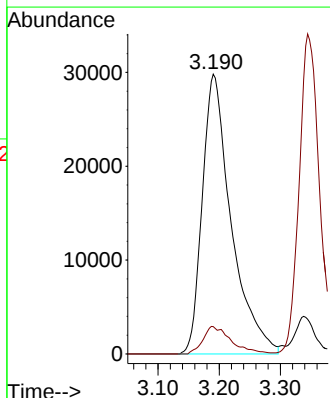
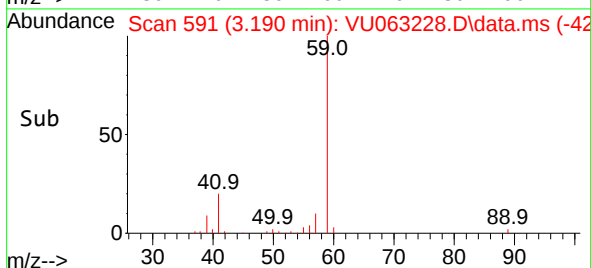
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

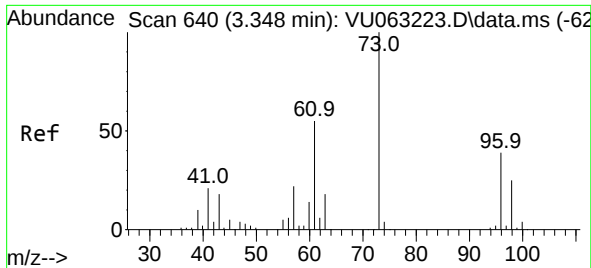


#24
tert-Butyl Alcohol
Concen: 72.937 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.032 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



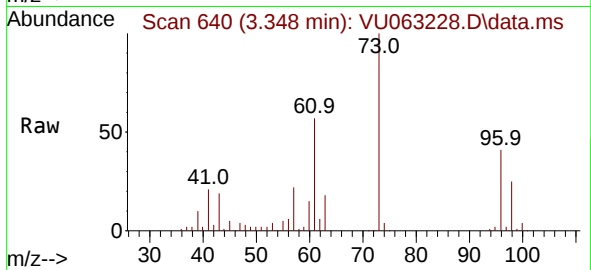
Tgt Ion: 59 Resp: 97948
Ion Ratio Lower Upper
59 100
57 9.7 7.5 11.3





#25
Methyl tert-Butyl Ether
Concen: 9.249 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

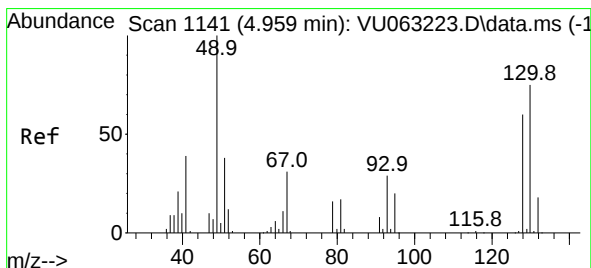
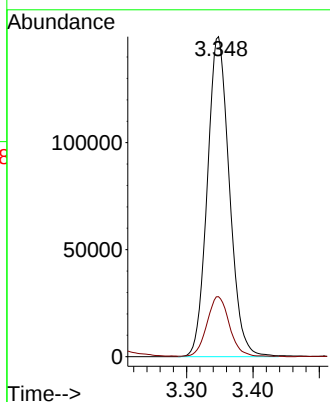
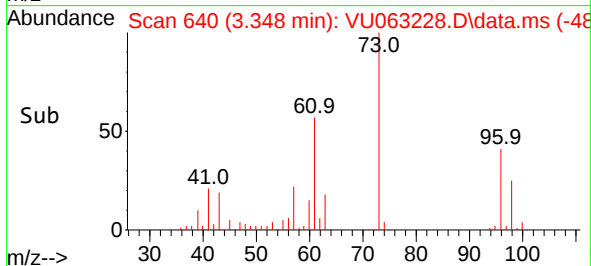
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



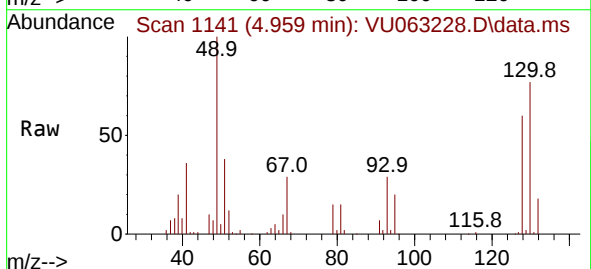
Tgt Ion: 73 Resp: 34568
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3

Manual Integrations
APPROVED

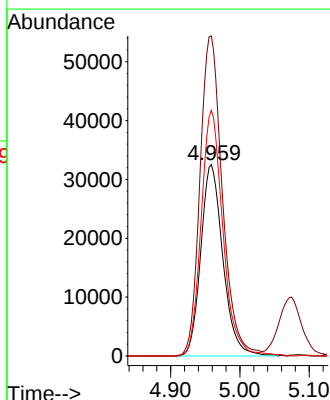
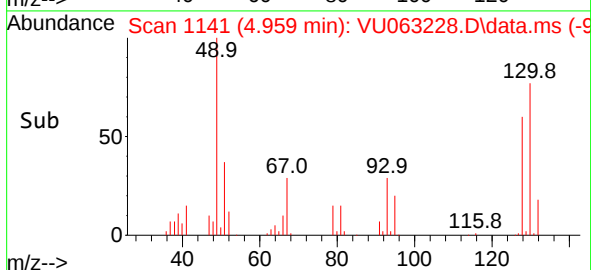
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

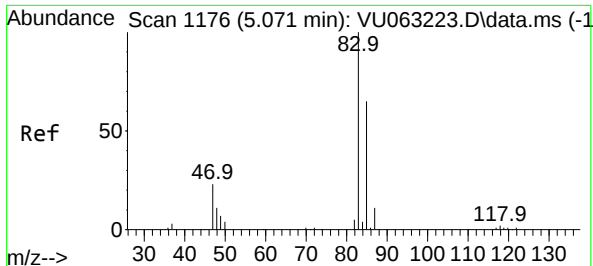


#26
Bromochloromethane
Concen: 8.902 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:128 Resp: 71801
Ion Ratio Lower Upper
128 100
49 169.6 0.0 343.4
130 127.3 102.9 154.3





#27

Chloroform

Concen: 8.862 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 28789

Ion Ratio Lower Upper

83 100

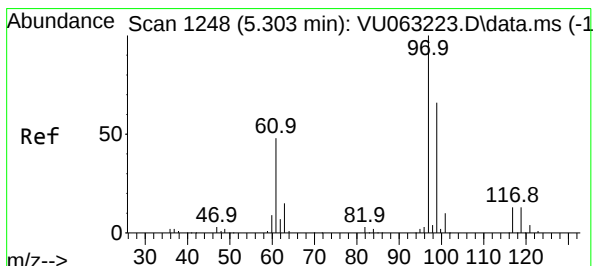
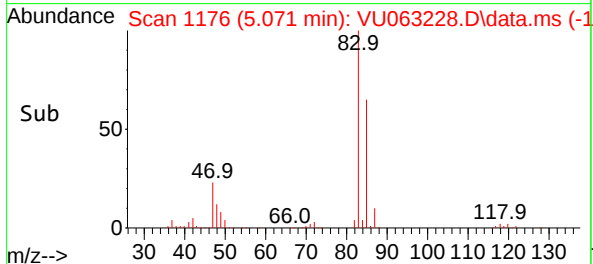
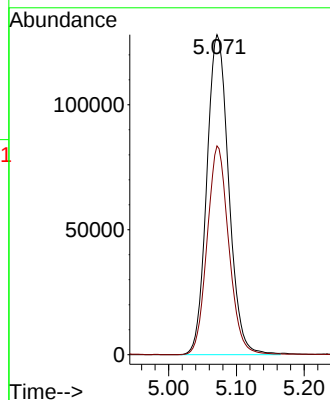
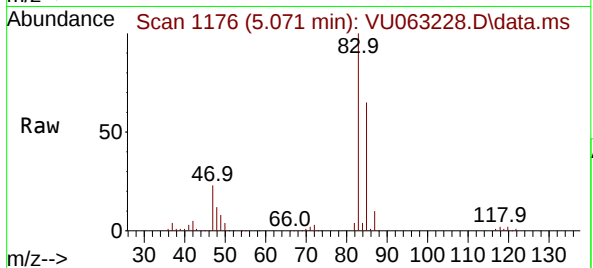
85 65.2 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 9.130 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

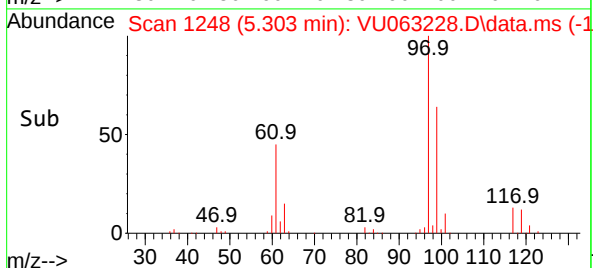
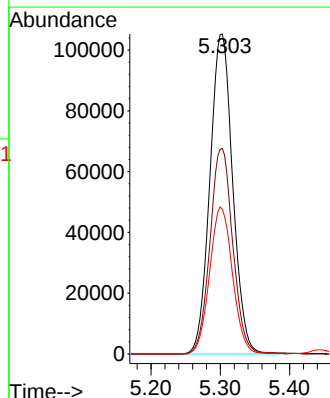
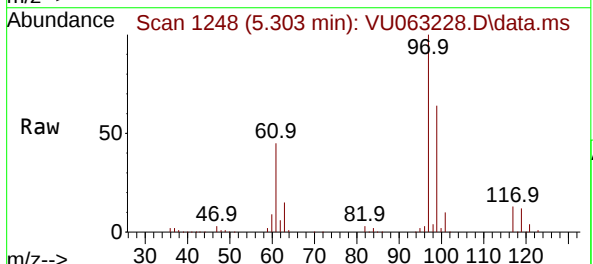
Tgt Ion: 97 Resp: 240282

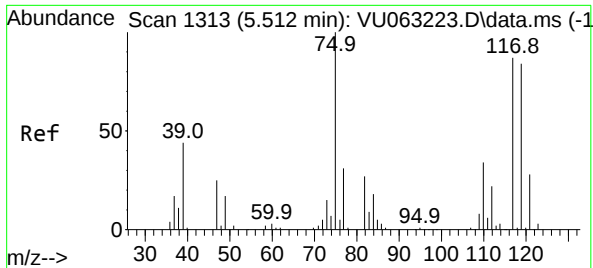
Ion Ratio Lower Upper

97 100

99 64.3 32.4 97.0

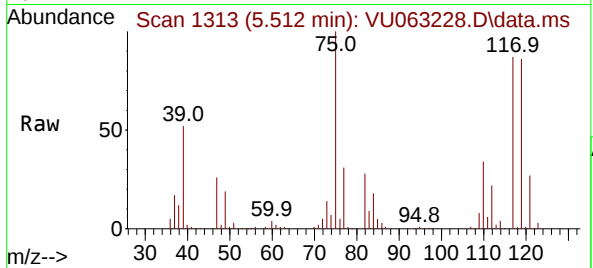
61 46.4 23.8 71.2





#29
1,1-Dichloropropene
Concen: 9.411 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

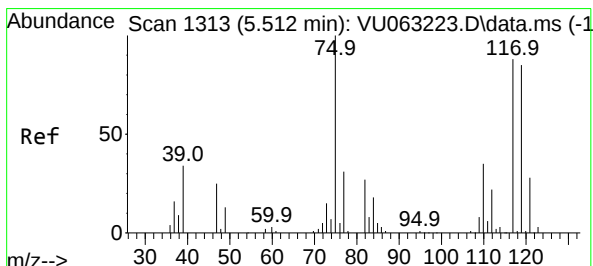
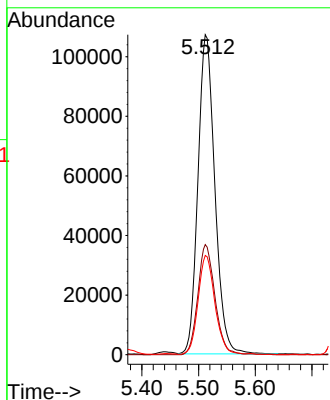
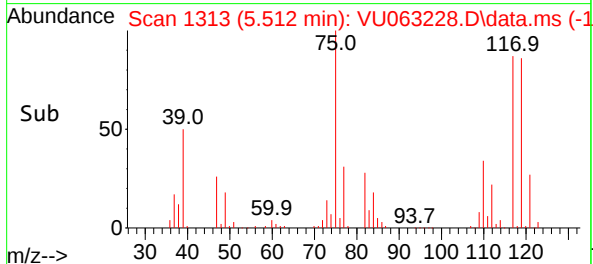
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



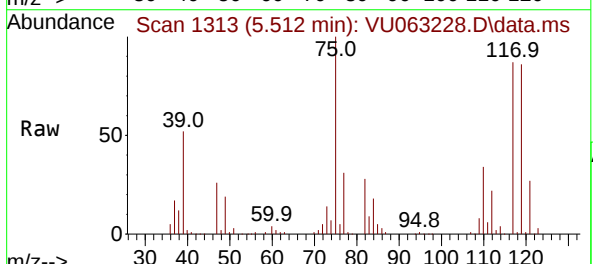
Tgt Ion: 75 Resp: 22182
Ion Ratio Lower Upper
75 100
110 35.0 17.2 51.5
77 30.5 24.6 37.0

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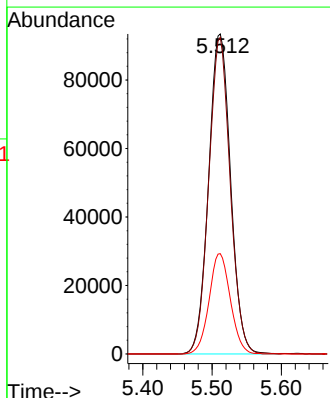
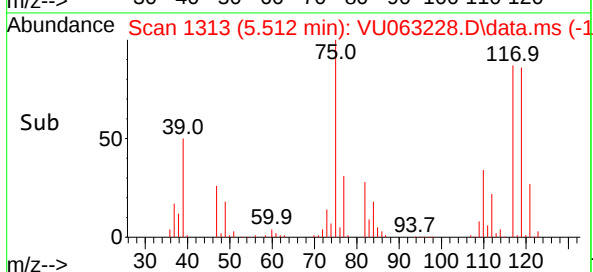
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

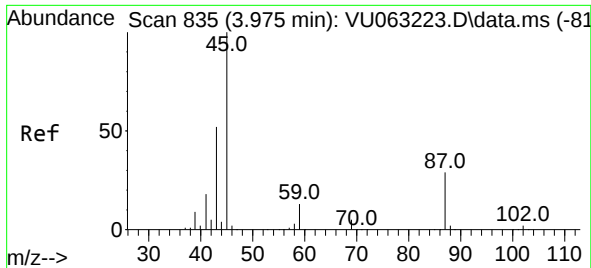


#30
Carbon Tetrachloride
Concen: 9.115 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



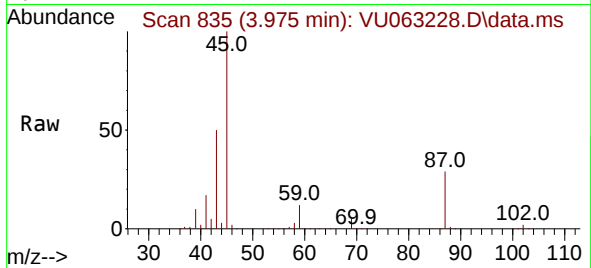
Tgt Ion:117 Resp: 205723
Ion Ratio Lower Upper
117 100
119 99.0 76.7 115.1
121 31.4 25.5 38.3





#31
Isopropyl Ether
Concen: 9.541 ug/l
RT: 3.975 min Scan# 835
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

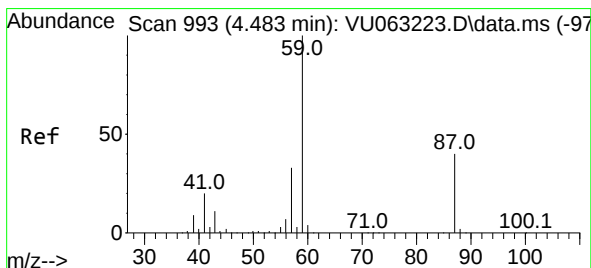
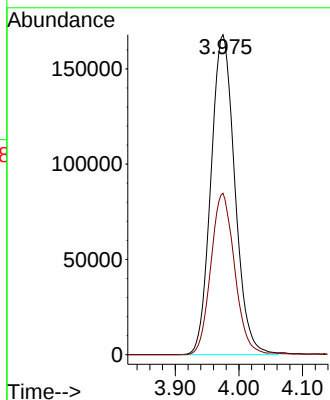
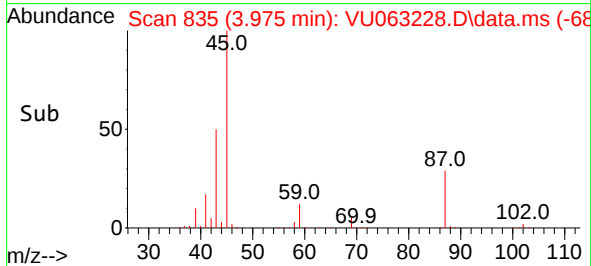
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



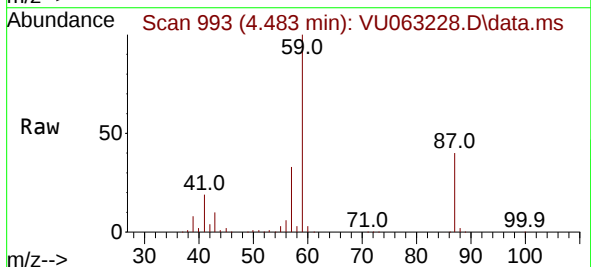
Tgt Ion: 45 Resp: 438504
Ion Ratio Lower Upper
45 100
43 50.1 25.7 77.1

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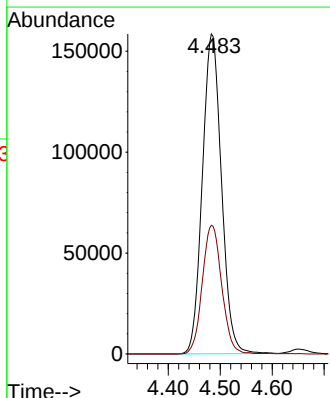
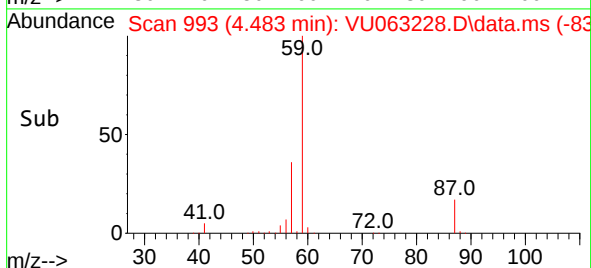
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

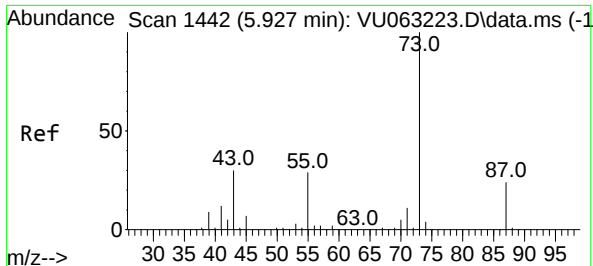


#32
Ethyl-t-butyl ether
Concen: 9.678 ug/l
RT: 4.483 min Scan# 993
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



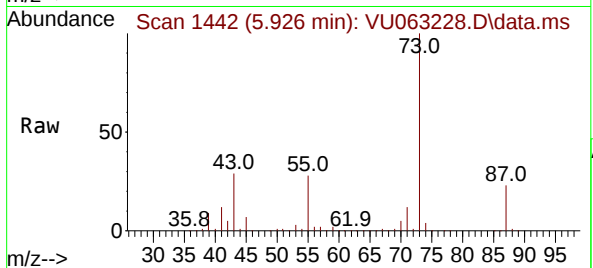
Tgt Ion: 59 Resp: 404506
Ion Ratio Lower Upper
59 100
87 40.6 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 9.728 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

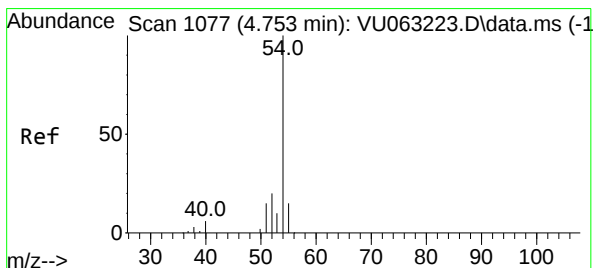
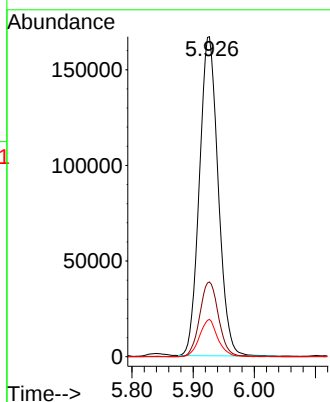
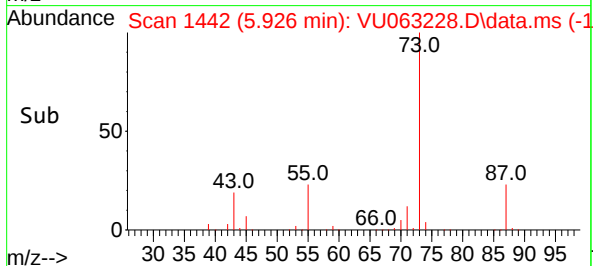
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



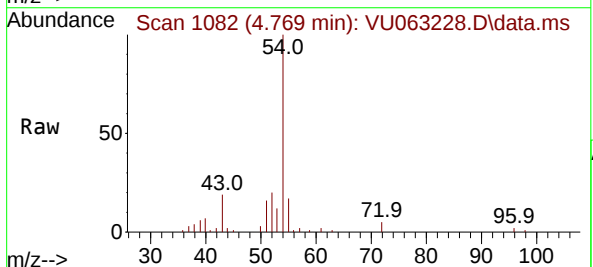
Tgt Ion: 73 Resp: 355235
Ion Ratio Lower Upper
73 100
87 23.5 18.9 28.3
71 11.4 9.0 13.4

Manual Integrations
APPROVED

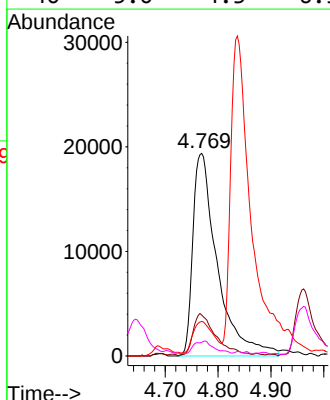
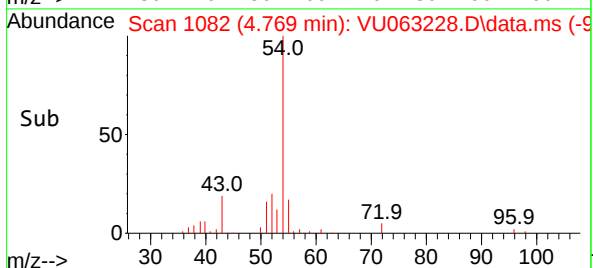
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

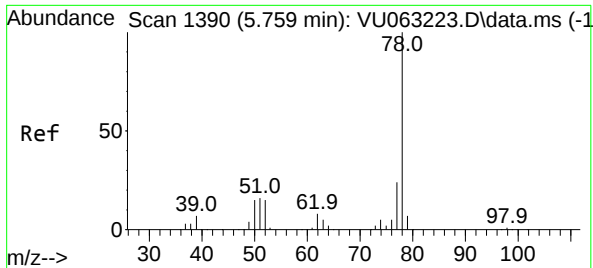


#34
Propionitrile
Concen: 48.994 ug/l
RT: 4.769 min Scan# 1082
Delta R.T. 0.016 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion: 54 Resp: 62417
Ion Ratio Lower Upper
54 100
52 19.6 16.3 24.5
55 12.7 11.8 17.6
40 5.0 4.3 6.5





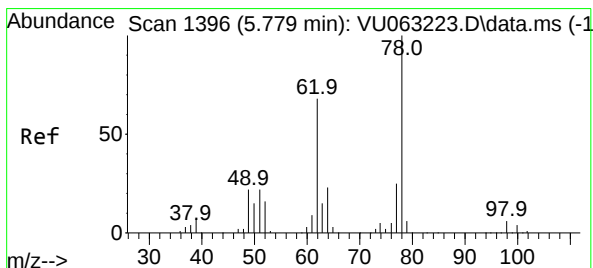
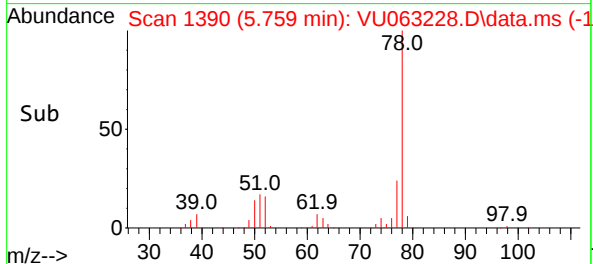
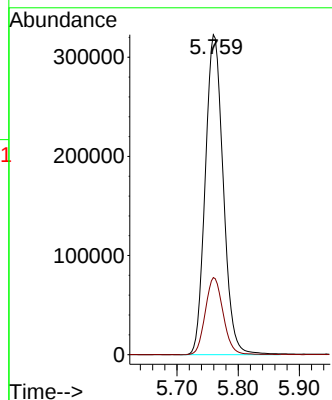
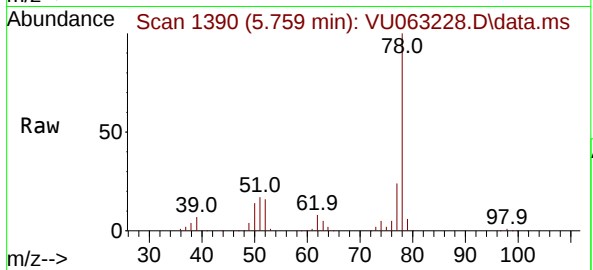
#35
Benzene
Concen: 9.098 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 659362
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

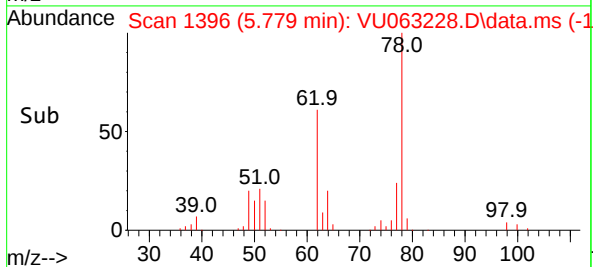
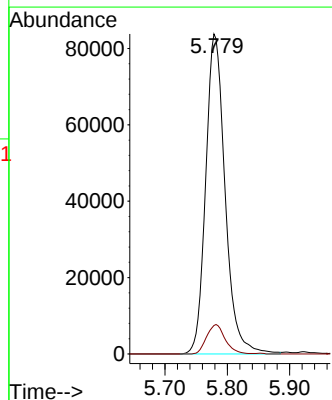
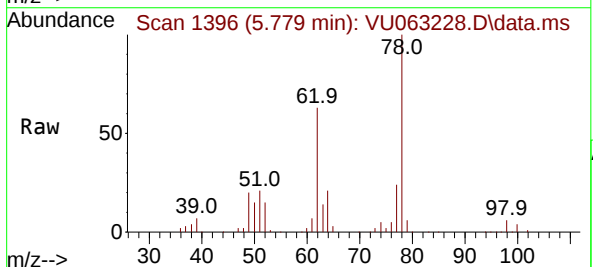
Manual Integrations
APPROVED

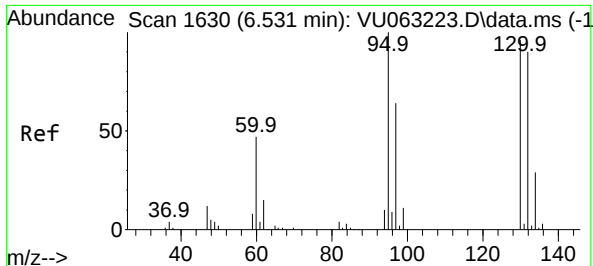
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 8.666 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 62 Resp: 181267
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#37

Trichloroethene

Concen: 9.111 ug/l

RT: 6.531 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 15703

Ion Ratio Lower Upper

130 100

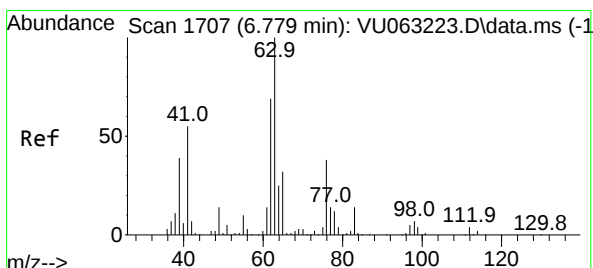
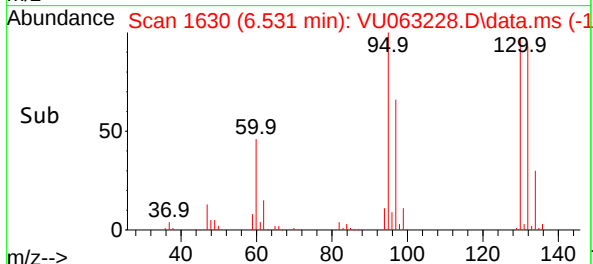
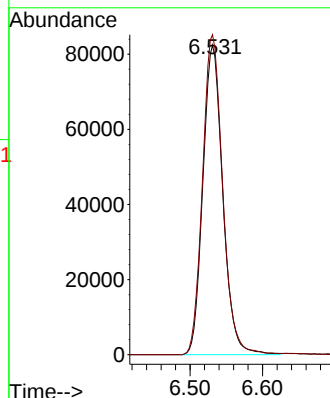
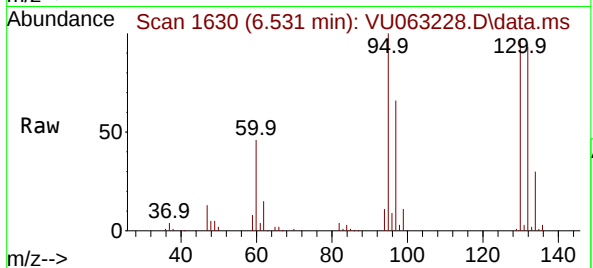
95 103.4 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#38

1,2-Dichloropropane

Concen: 9.086 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063228.D

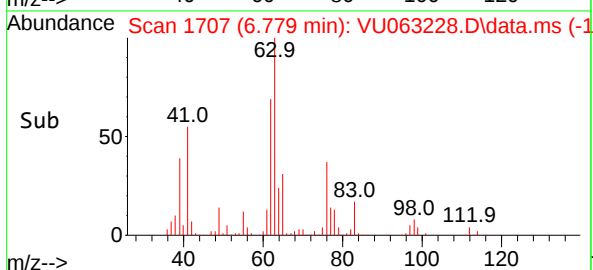
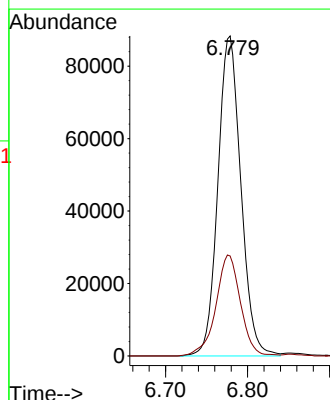
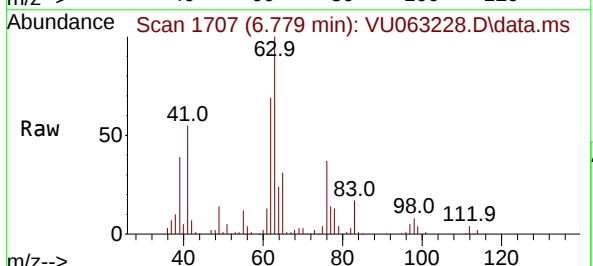
Acq: 11 Feb 2025 10:01

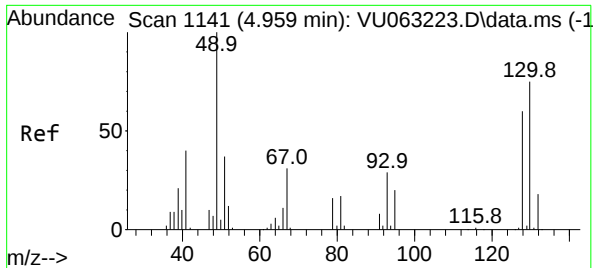
Tgt Ion: 63 Resp: 172356

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9





#39

Methacrylonitrile

Concen: 9.847 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 4675

Ion Ratio Lower Upper

41 100

67 85.0 64.5 96.7

39 54.0 43.0 64.6

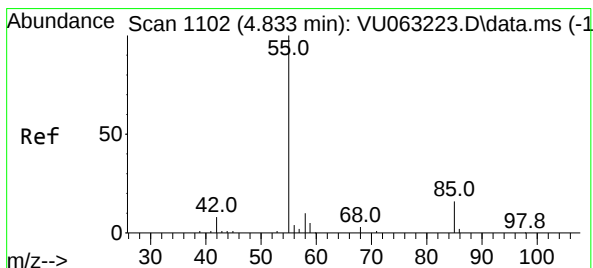
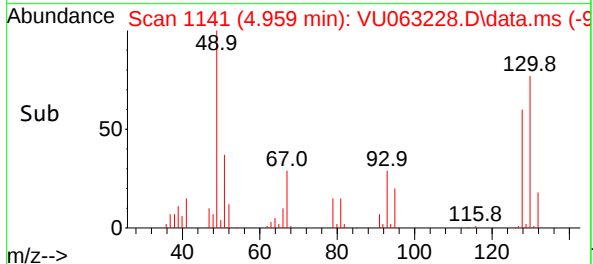
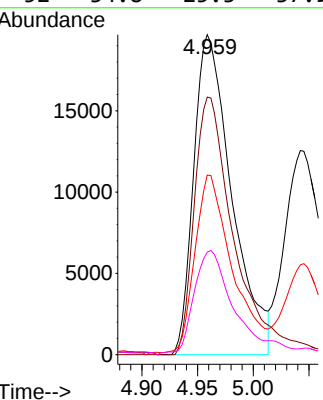
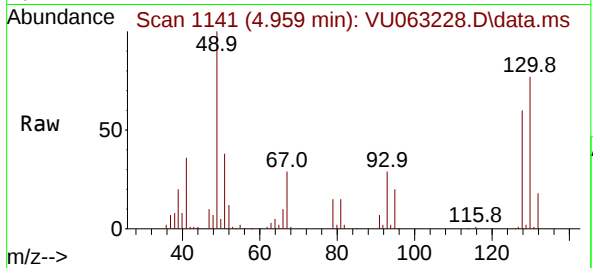
52 34.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 8.442 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Tgt Ion: 55 Resp: 73871

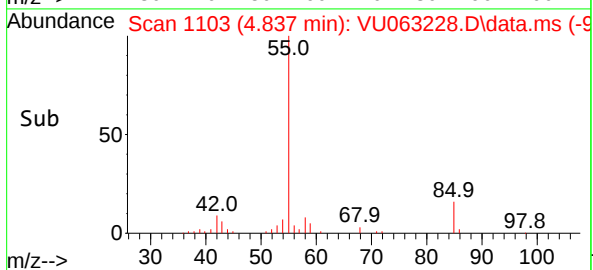
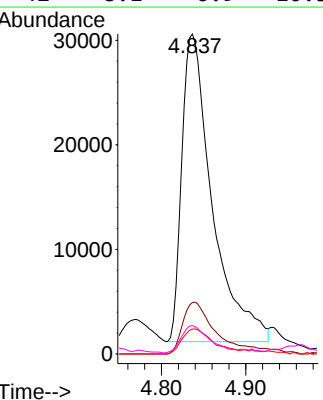
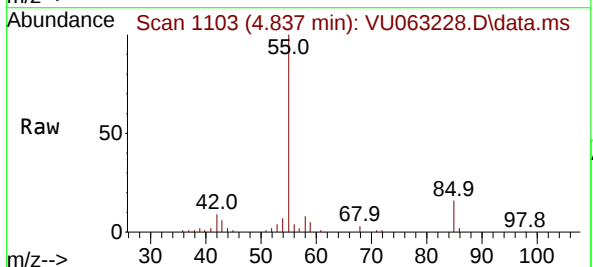
Ion Ratio Lower Upper

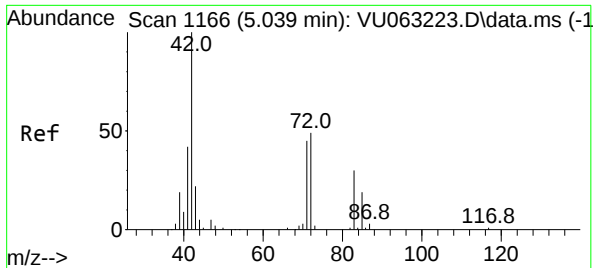
55 100

85 19.4 13.3 19.9

58 8.3 7.3 10.9

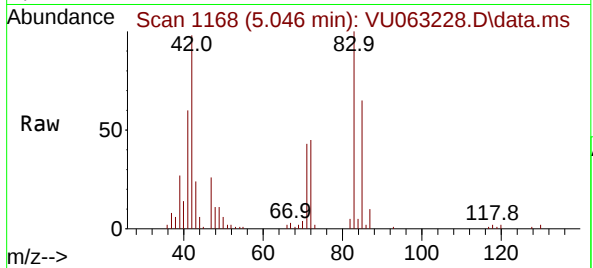
42 8.1 6.9 10.3





#41
Tetrahydrofuran
Concen: 17.753 ug/l
RT: 5.046 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

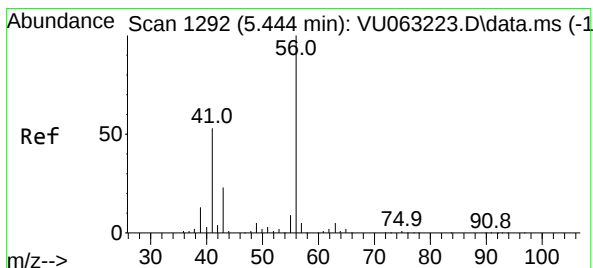
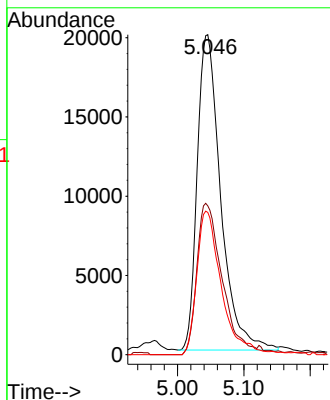
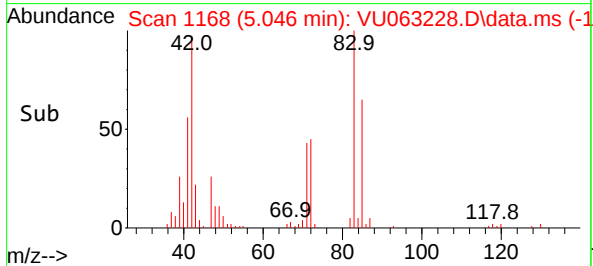
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



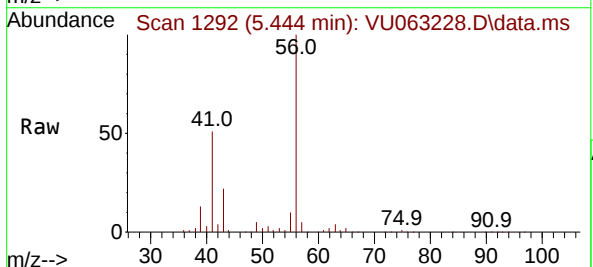
Tgt Ion: 42 Resp: 49020
Ion Ratio Lower Upper
42 100
72 51.3 41.5 62.3
71 47.8 37.2 55.8

Manual Integrations
APPROVED

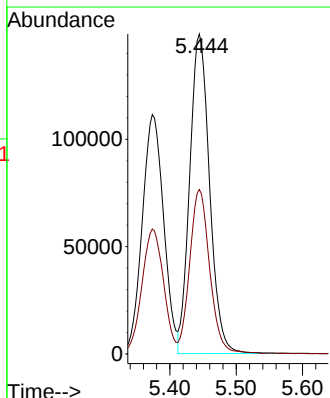
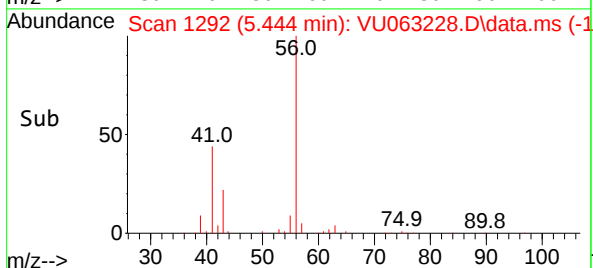
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

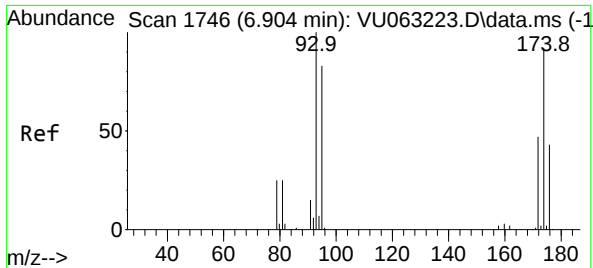


#42
1-Chlorobutane
Concen: 9.582 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



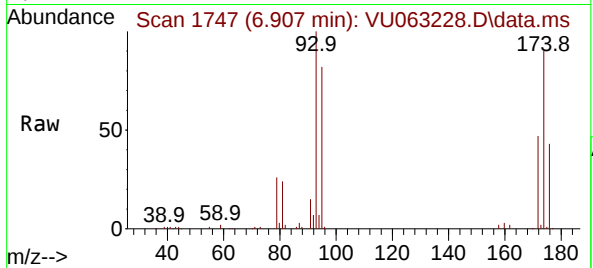
Tgt Ion: 56 Resp: 309030
Ion Ratio Lower Upper
56 100
41 51.6 26.3 78.8





#43
Dibromomethane
Concen: 8.867 ug/l
RT: 6.907 min Scan# 1746
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

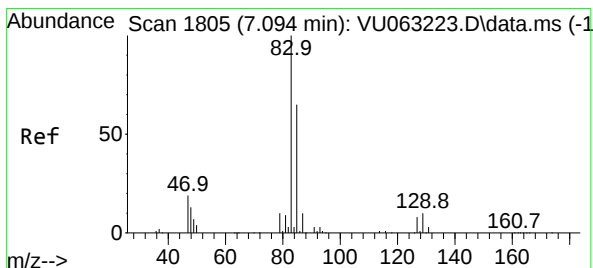
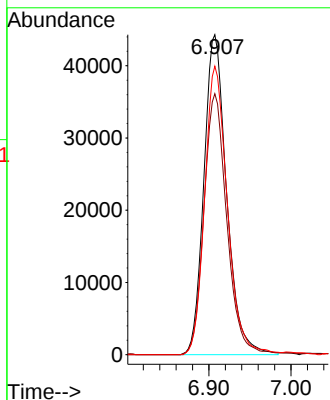
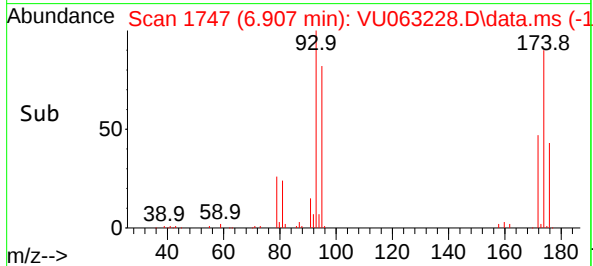
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



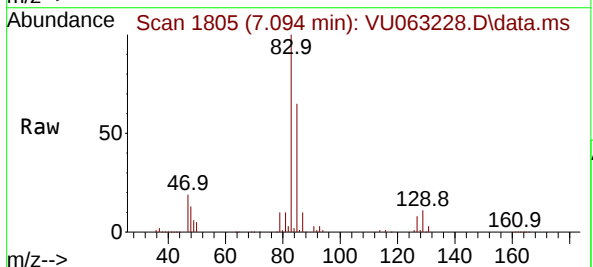
Tgt Ion: 93 Resp: 8517
Ion Ratio Lower Upper
93 100
95 82.6 67.2 100.8
174 90.4 75.7 113.5

Manual Integrations
APPROVED

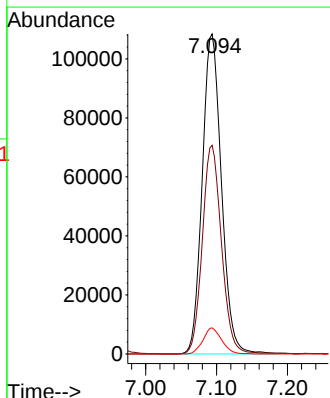
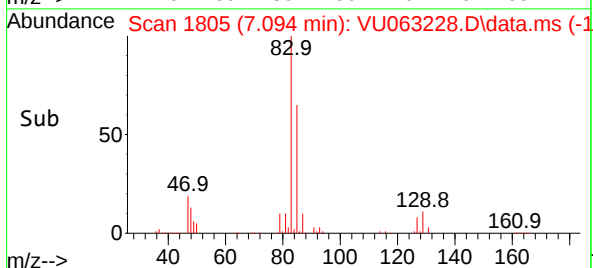
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

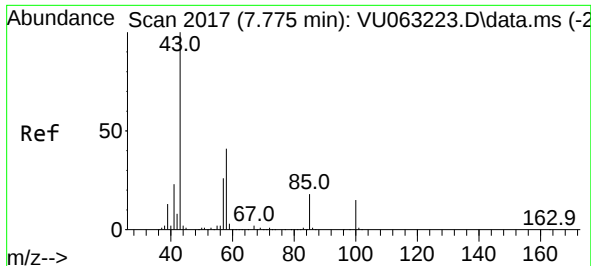


#44
Bromodichloromethane
Concen: 9.138 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



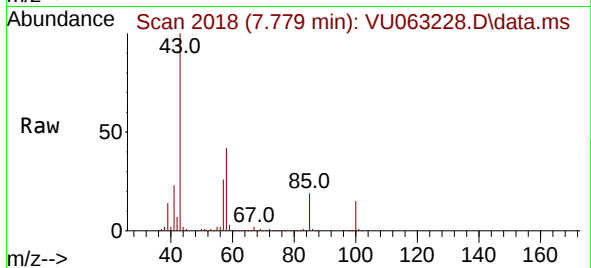
Tgt Ion: 83 Resp: 204300
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5
127 8.1 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 47.438 ug/l
RT: 7.779 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

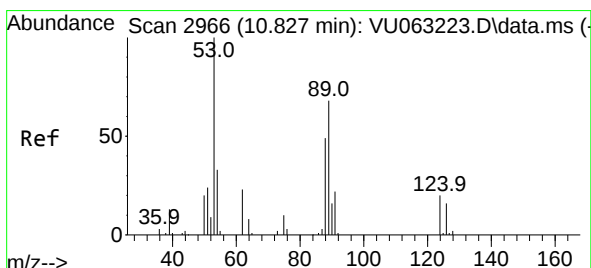
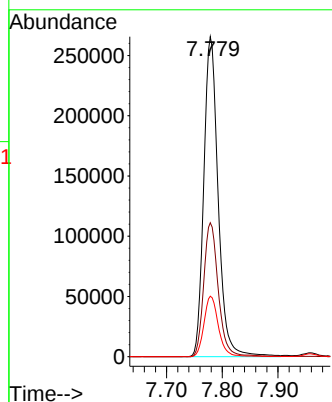
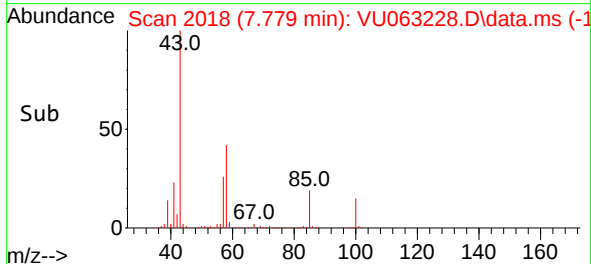
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 47772
Ion Ratio Lower Upper
43 100
58 41.9 20.8 62.5
85 19.0 14.8 22.2

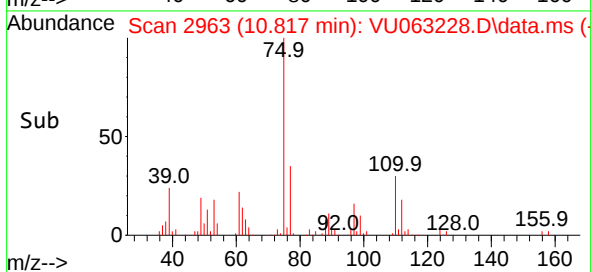
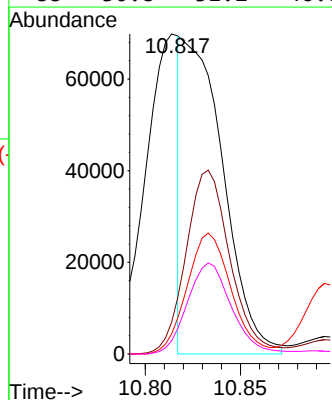
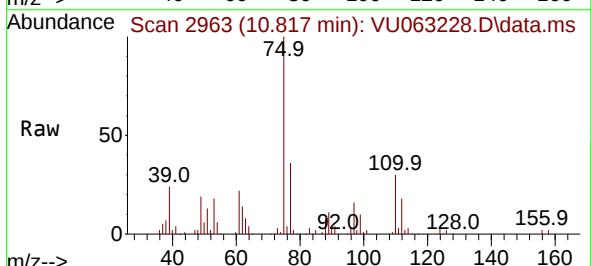
Manual Integrations
APPROVED

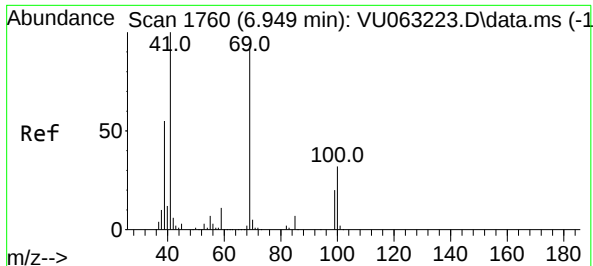
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 21.994 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 75 Resp: 104119
Ion Ratio Lower Upper
75 100
53 62.2 64.5 96.7#
89 40.8 43.4 65.2#
88 30.8 31.2 46.8#





#47

Methyl methacrylate

Concen: 19.623 ug/l

RT: 6.949 min Scan# 1760

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 15876

Ion Ratio Lower Upper

69 100

41 107.9 0.0 217.0

39 59.9 47.7 71.5

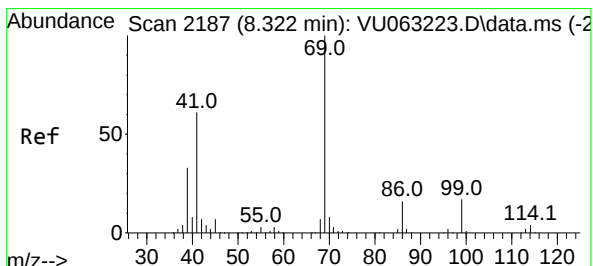
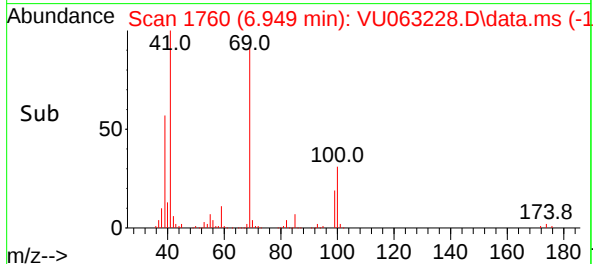
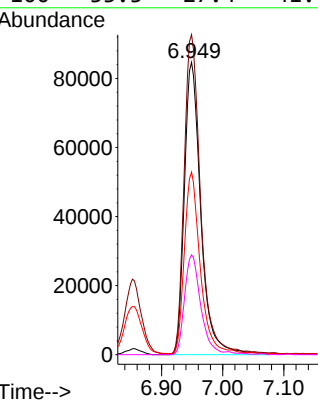
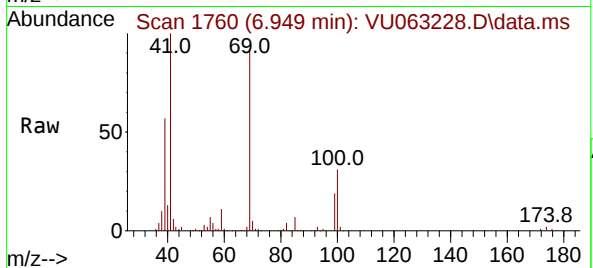
100 33.3 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 10.321 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VU063228.D

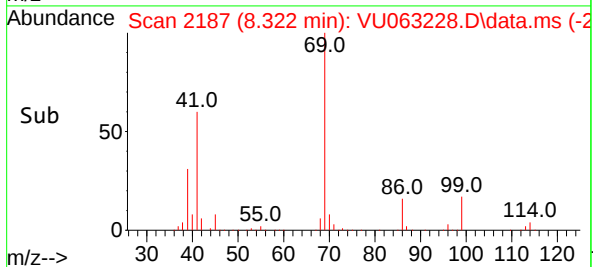
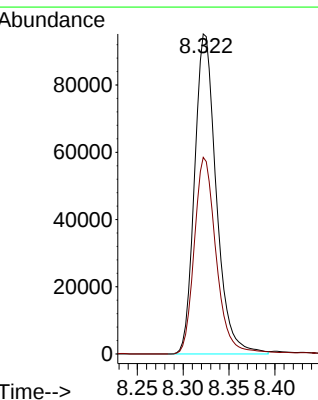
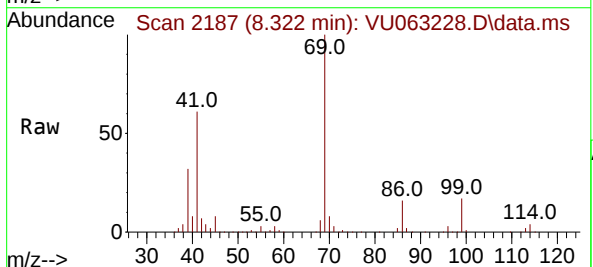
Acq: 11 Feb 2025 10:01

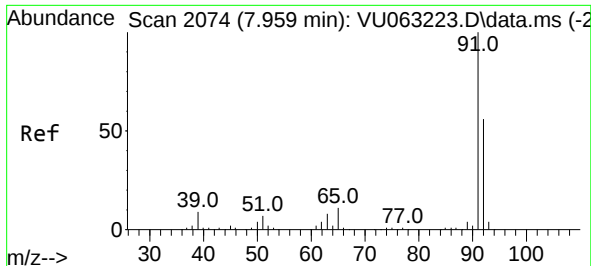
Tgt Ion: 69 Resp: 156800

Ion Ratio Lower Upper

69 100

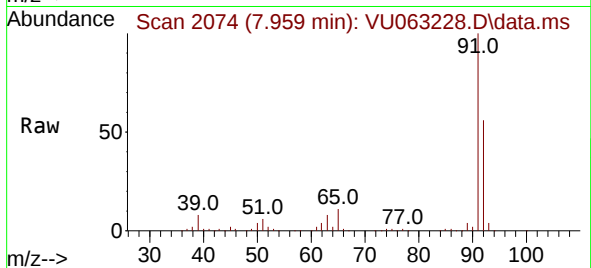
41 62.0 30.6 92.0





#49
Toluene
Concen: 9.675 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

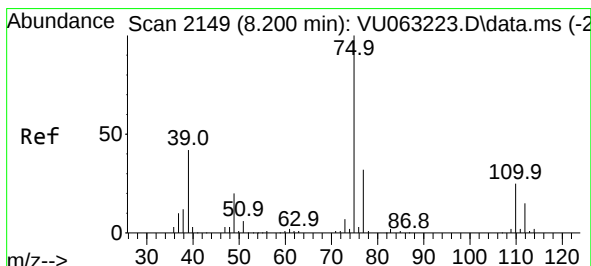
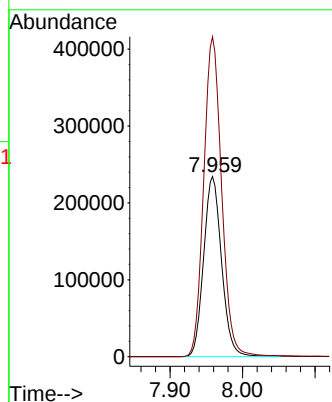
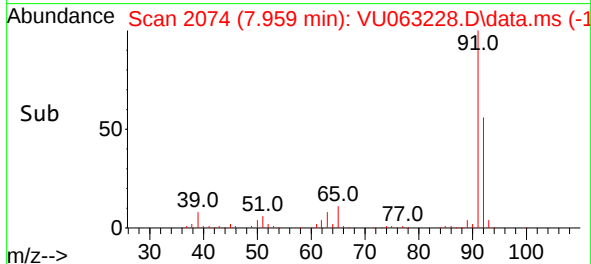
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 403234
Ion Ratio Lower Upper
92 100
91 177.8 141.8 212.6

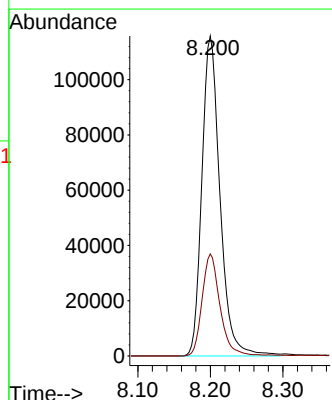
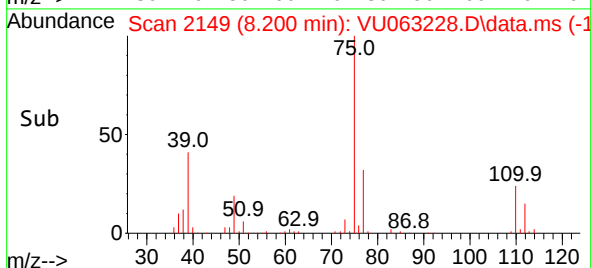
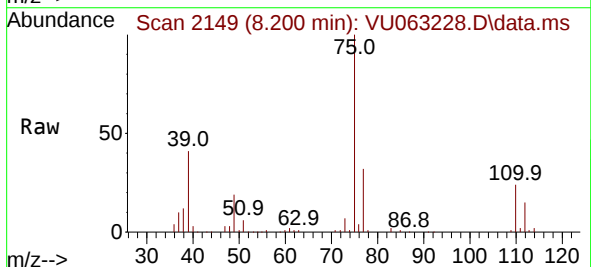
Manual Integrations
APPROVED

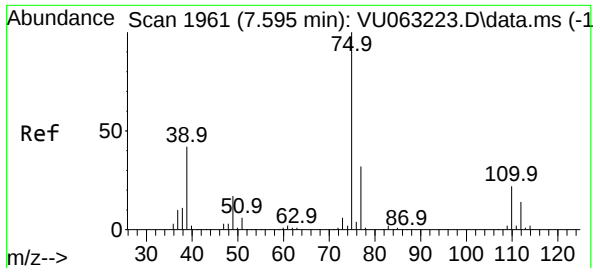
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
t-1,3-Dichloropropene
Concen: 9.811 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 75 Resp: 200824
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9





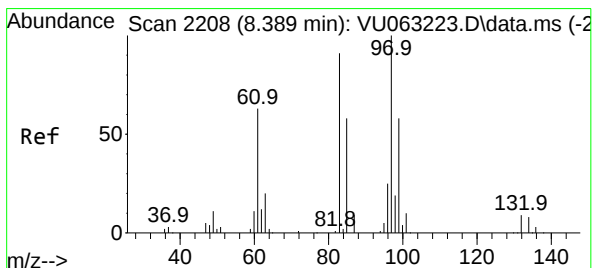
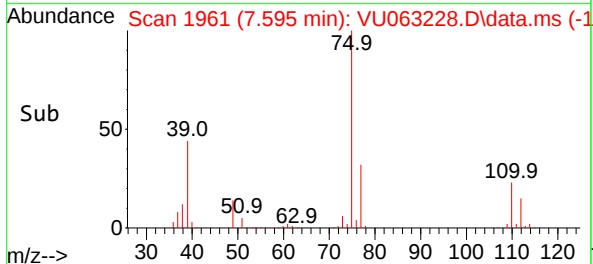
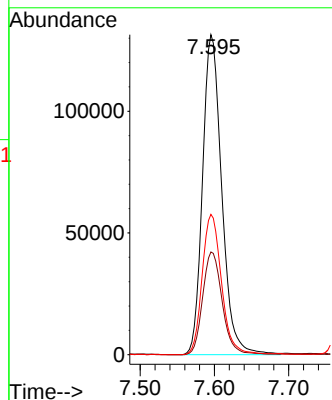
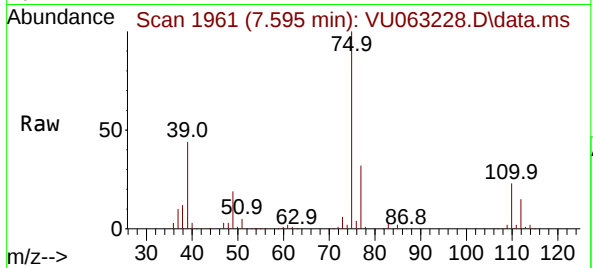
#51
 cis-1,3-Dichloropropene
 Concen: 9.338 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 236098
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 43.8 33.5 50.3

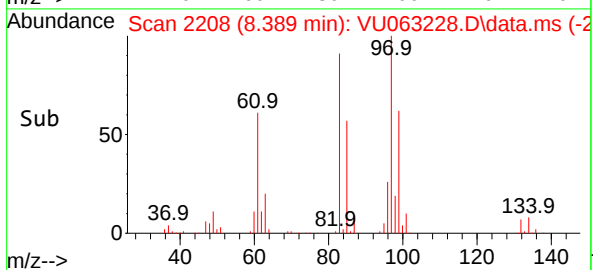
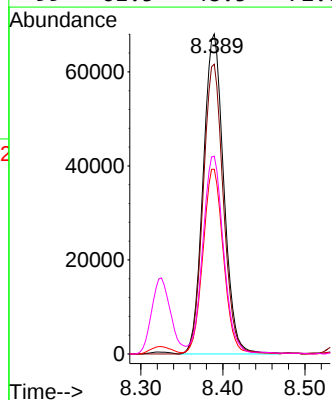
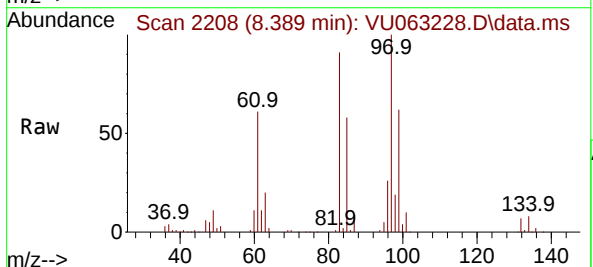
Manual Integrations
 APPROVED

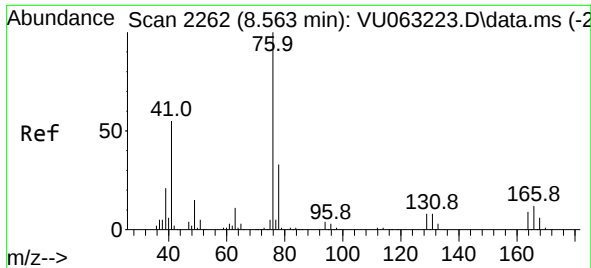
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 9.154 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

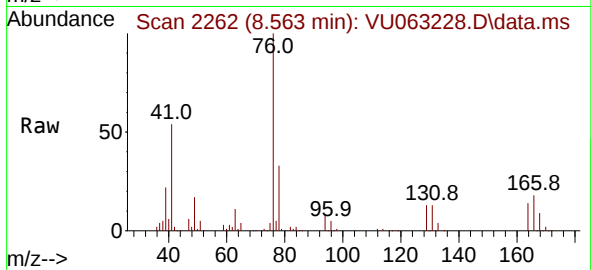
Tgt Ion: 97 Resp: 118560
 Ion Ratio Lower Upper
 97 100
 83 90.5 73.0 109.4
 85 57.7 46.3 69.5
 99 61.5 48.5 72.7





#53
1,3-Dichloropropane
Concen: 9.097 ug/l
RT: 8.563 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

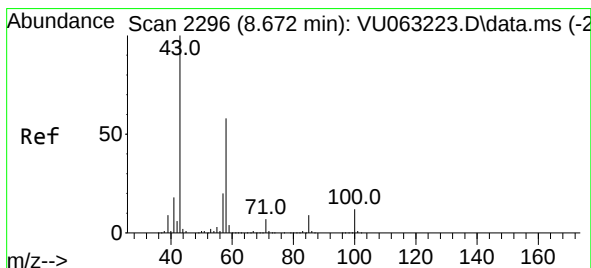
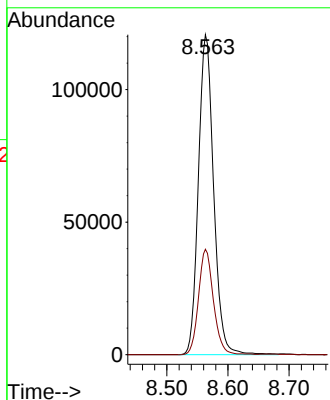
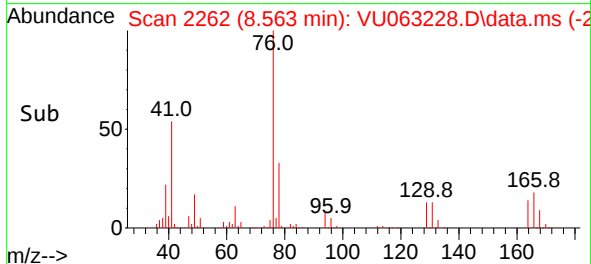
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



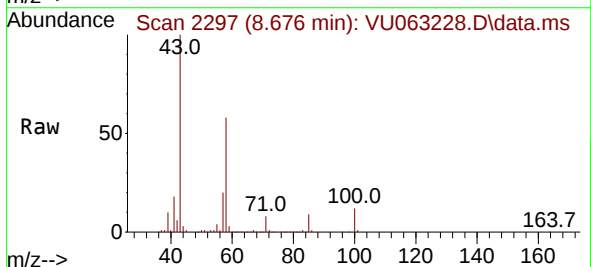
Tgt Ion: 76 Resp: 20917
Ion Ratio Lower Upper
76 100
78 32.3 26.3 39.5

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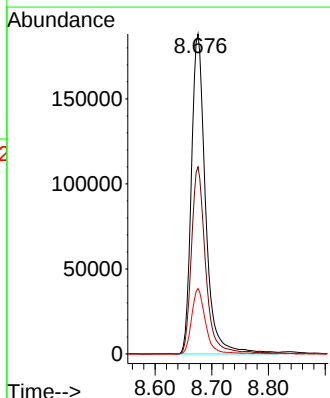
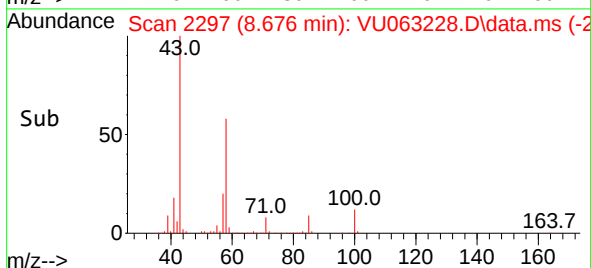
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

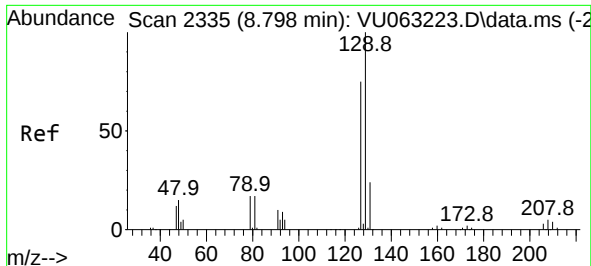


#54
2-Hexanone
Concen: 47.697 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion: 43 Resp: 327783
Ion Ratio Lower Upper
43 100
58 57.7 38.0 78.0
57 19.8 0.0 39.1





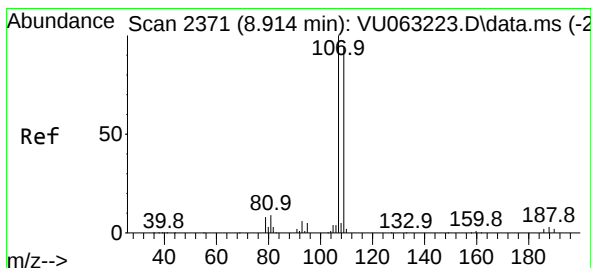
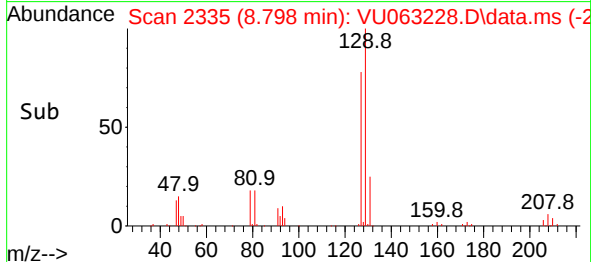
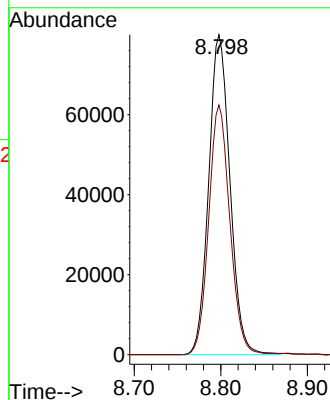
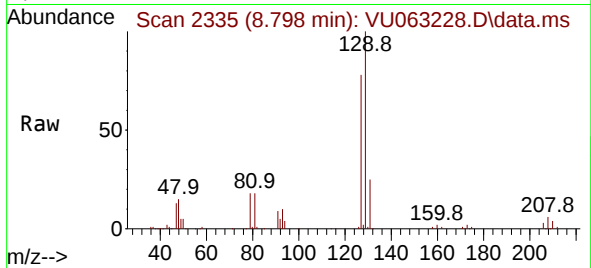
#55
Dibromochloromethane
Concen: 9.169 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Tgt Ion:129 Resp: 136618
Ion Ratio Lower Upper
129 100
127 77.3 60.4 90.6

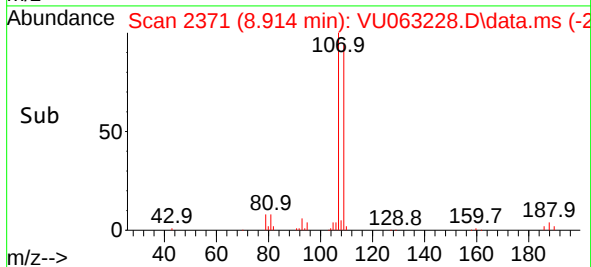
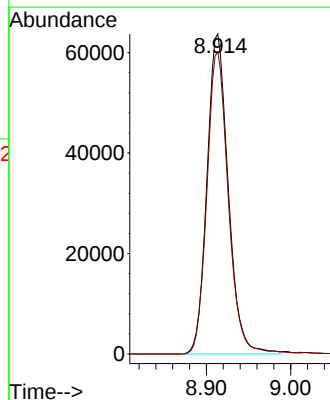
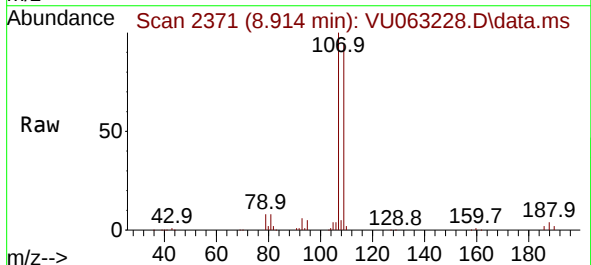
Manual Integrations
APPROVED

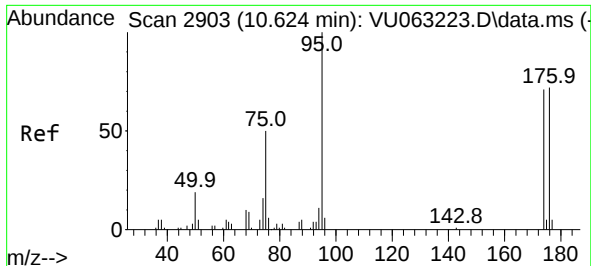
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 9.223 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

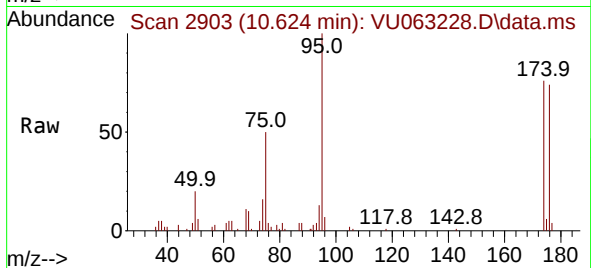
Tgt Ion:107 Resp: 112027
Ion Ratio Lower Upper
107 100
109 94.8 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.070 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

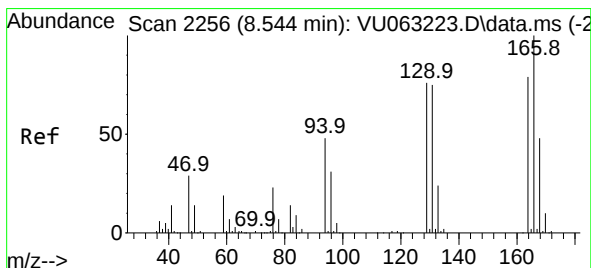
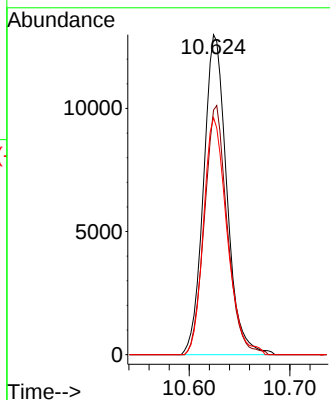
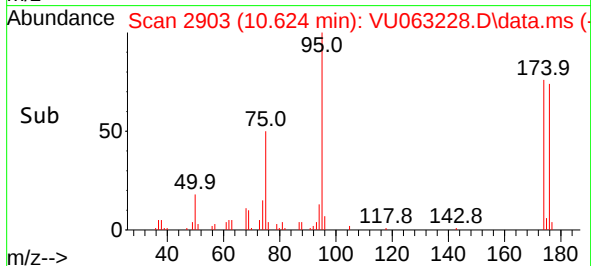
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 2081
Ion Ratio Lower Upper
95 100
174 76.7 58.6 88.0
176 75.1 58.2 87.4

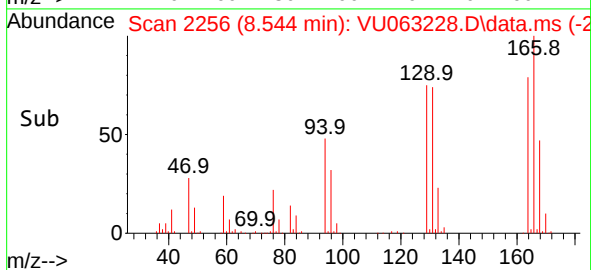
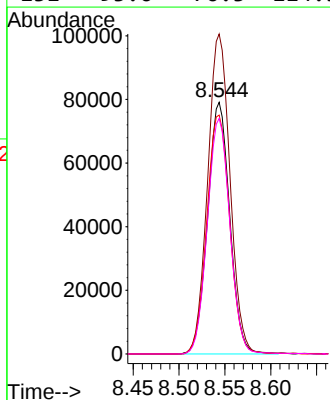
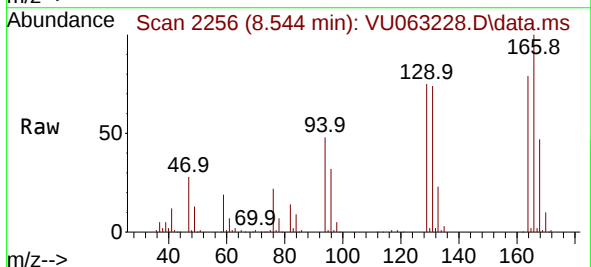
Manual Integrations
APPROVED

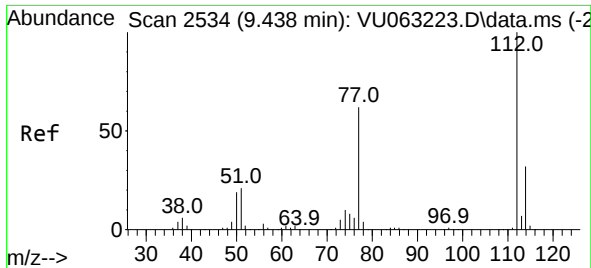
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 9.361 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

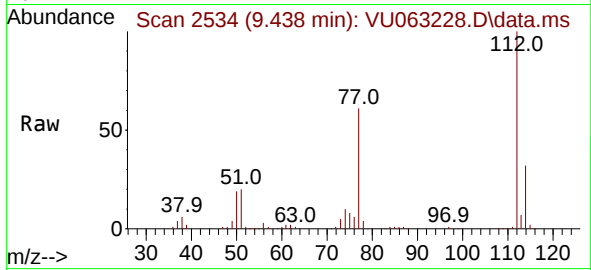
Tgt Ion:164 Resp: 132957
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 94.9 77.0 115.4
131 93.6 76.3 114.5





#59
Chlorobenzene
Concen: 9.514 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

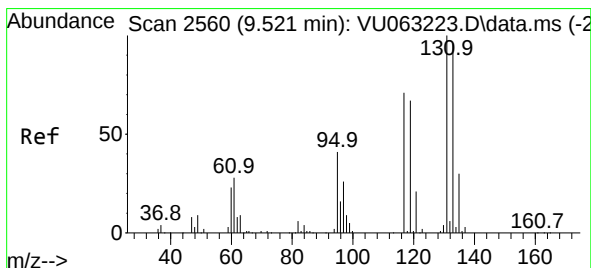
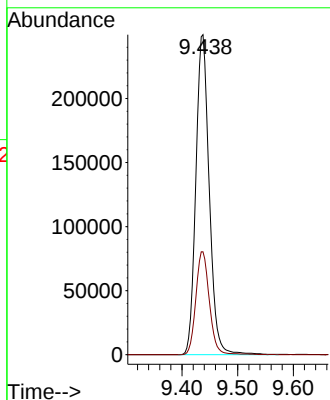
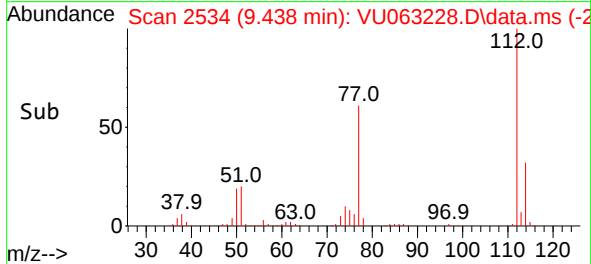
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



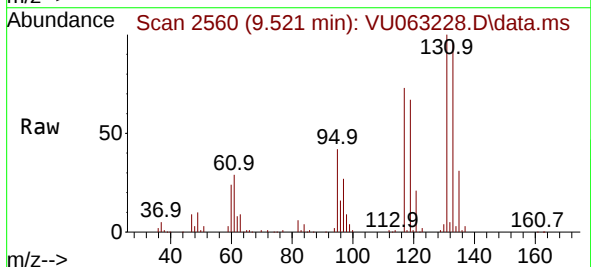
Tgt Ion:112 Resp: 418432
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

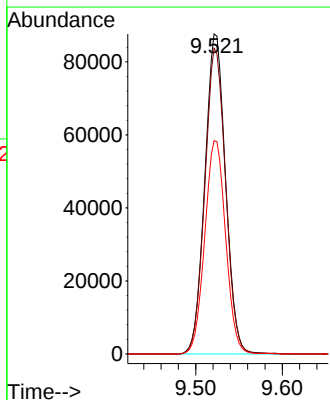
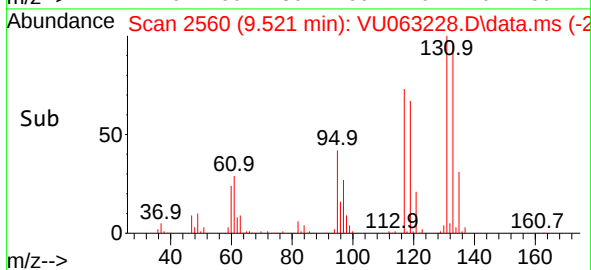
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

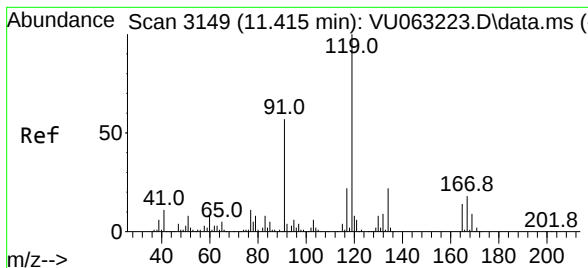


#60
1,1,1,2-Tetrachloroethane
Concen: 9.206 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



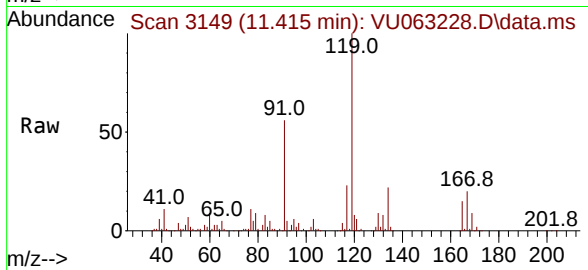
Tgt Ion:131 Resp: 145537
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 67.2 54.4 81.6





#61
 Pentachloroethane
 Concen: 8.865 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

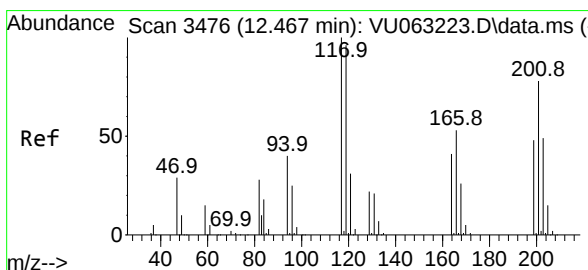
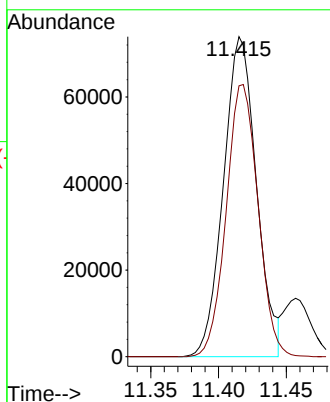
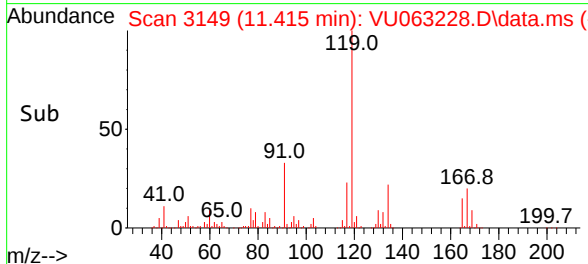
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



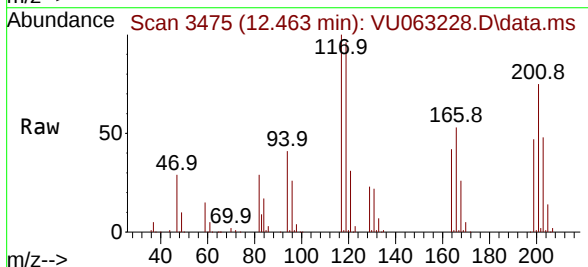
Tgt Ion:117 Resp: 12520
 Ion Ratio Lower Upper
 117 100
 167 82.0 65.0 97.6

Manual Integrations
 APPROVED

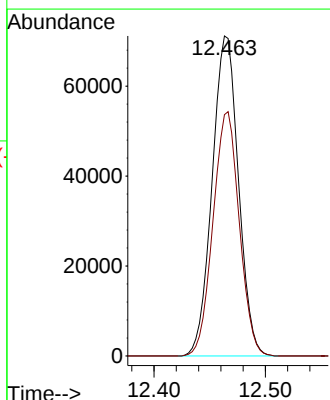
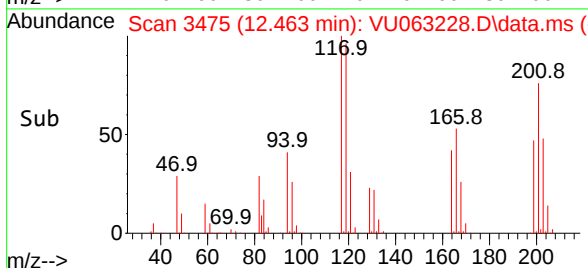
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

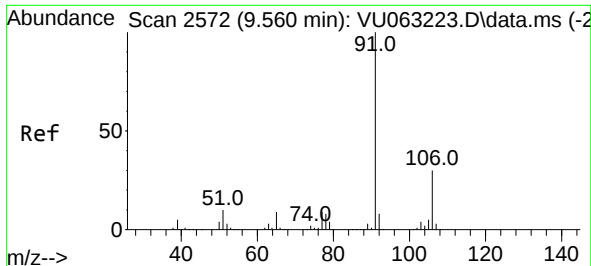


#62
 Hexachloroethane
 Concen: 9.352 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01



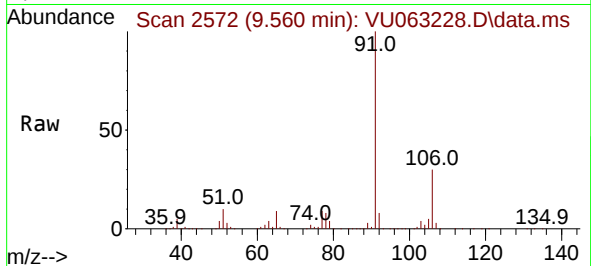
Tgt Ion:117 Resp: 116848
 Ion Ratio Lower Upper
 117 100
 201 76.1 61.3 91.9





#63
Ethyl Benzene
Concen: 10.017 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

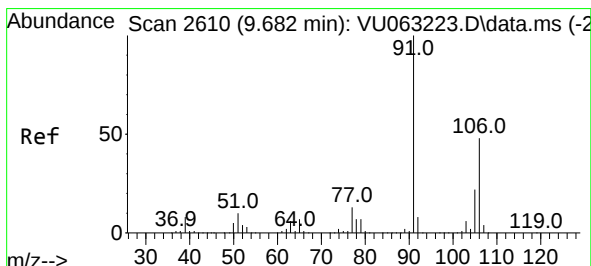
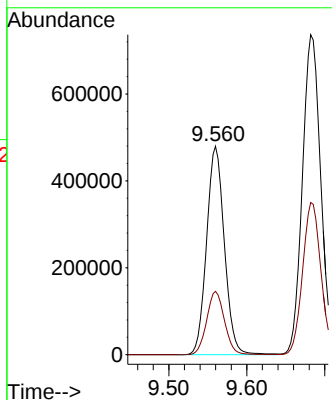
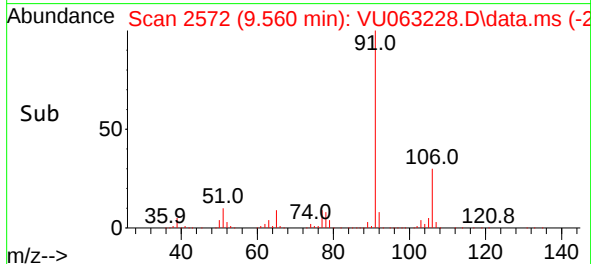
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



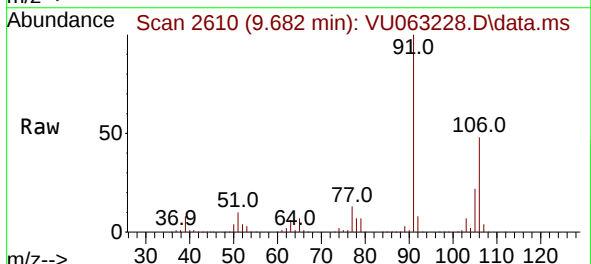
Tgt Ion: 91 Resp: 759839
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

Manual Integrations
APPROVED

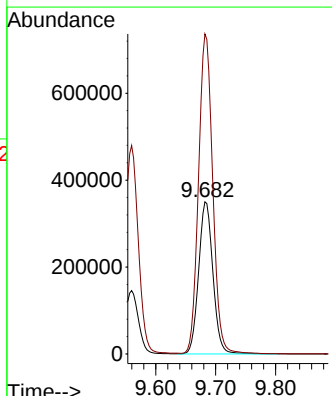
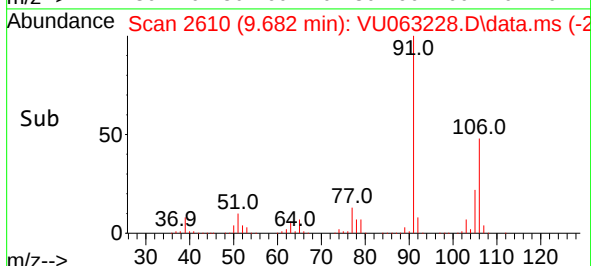
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

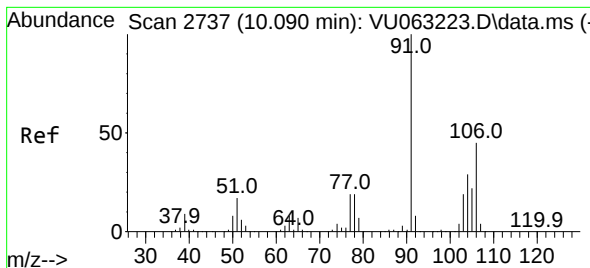


#64
m/p-Xylenes
Concen: 20.468 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:106 Resp: 579956
Ion Ratio Lower Upper
106 100
91 210.0 166.9 250.3





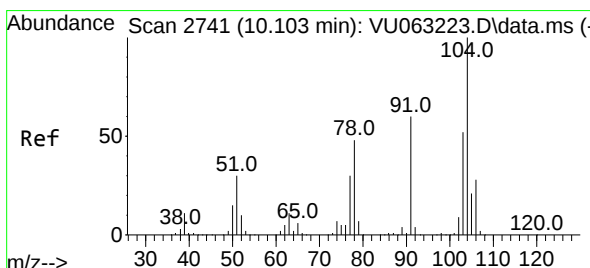
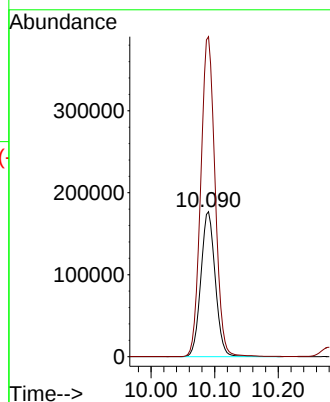
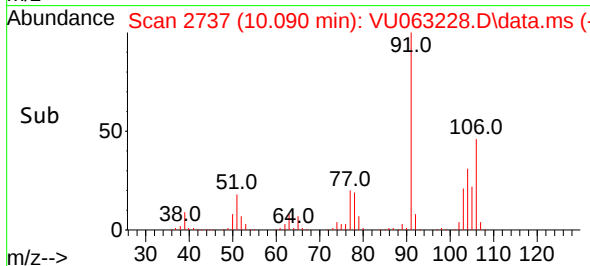
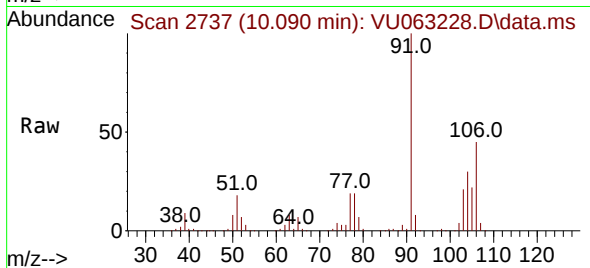
#65
o-Xylene
Concen: 10.007 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 277570
Ion Ratio Lower Upper
106 100
91 220.3 110.9 332.9

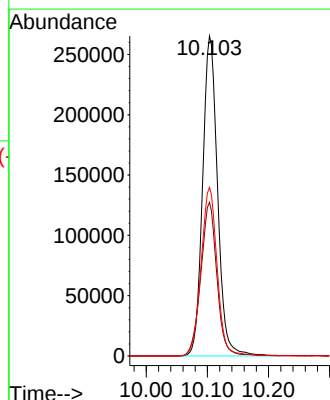
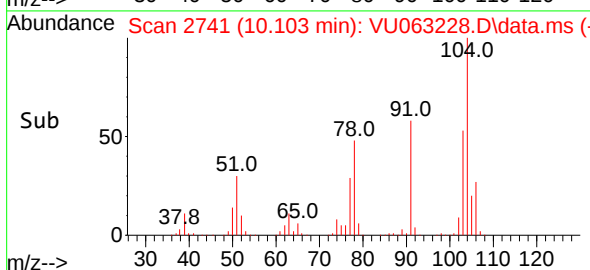
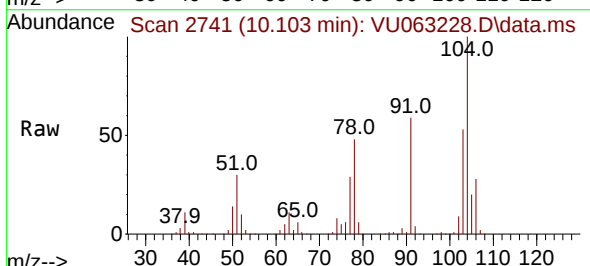
Manual Integrations
APPROVED

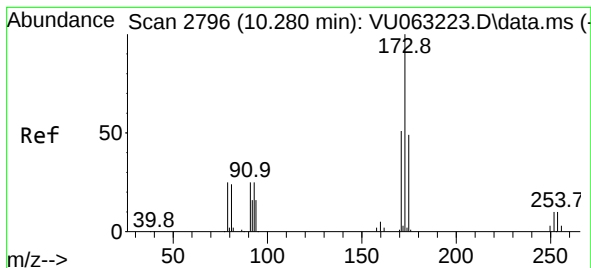
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 10.231 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion:104 Resp: 451617
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 56.7 44.8 67.2





#67

Bromoform

Concen: 9.096 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

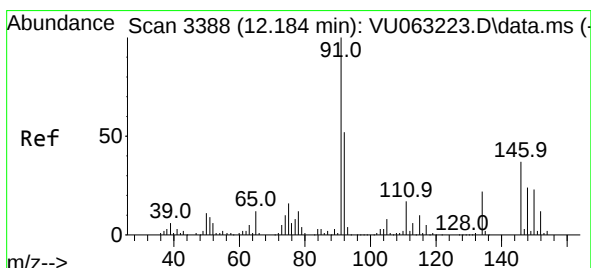
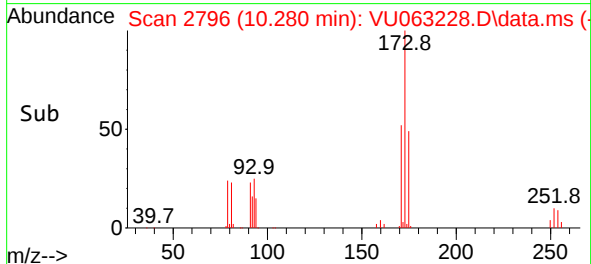
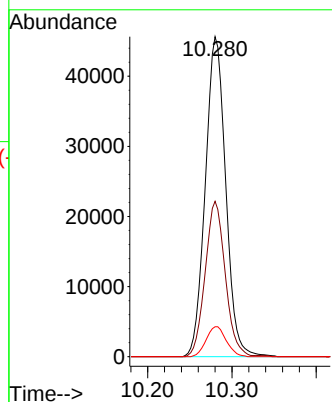
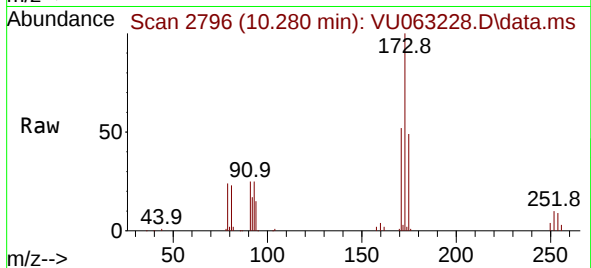
Tgt Ion:173	Resp:	76919
Ion Ratio	Lower	Upper
173	100	
175	47.8	39.0 58.4
254	9.3	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.990 ug/l

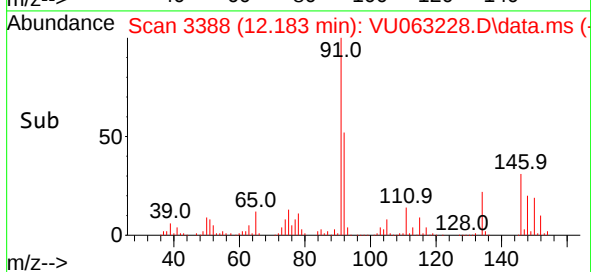
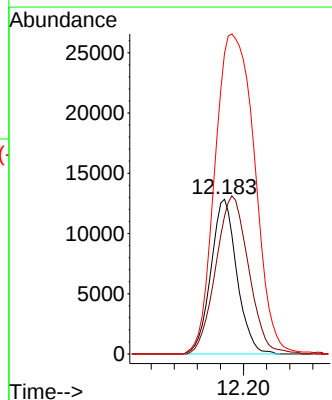
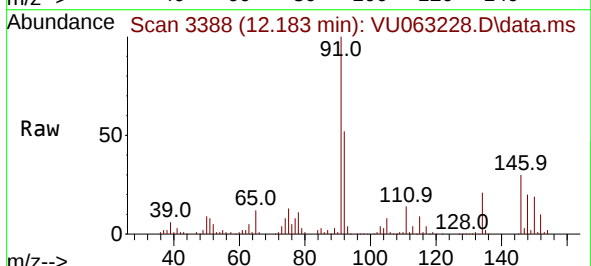
RT: 12.183 min Scan# 3388

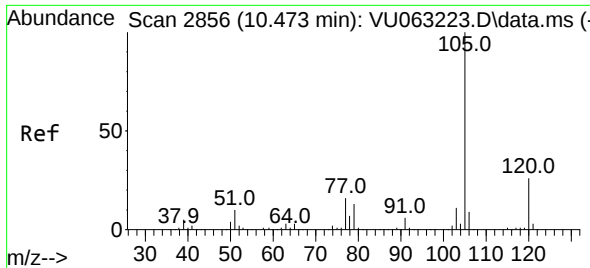
Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Tgt Ion:152	Resp:	20041
Ion Ratio	Lower	Upper
152	100	
115	129.1	0.0 275.2
150	316.0	0.0 658.4





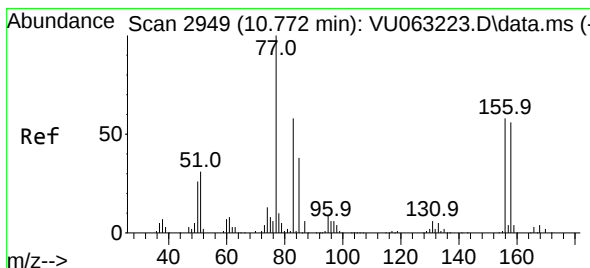
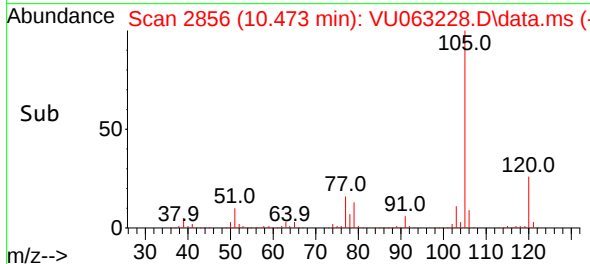
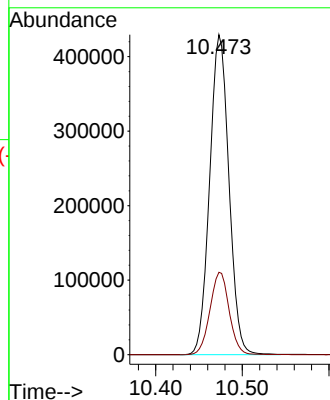
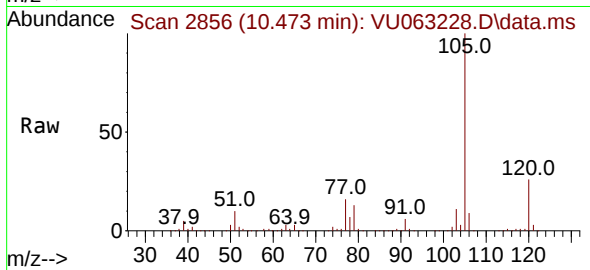
#69
Isopropylbenzene
Concen: 10.176 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 663578
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

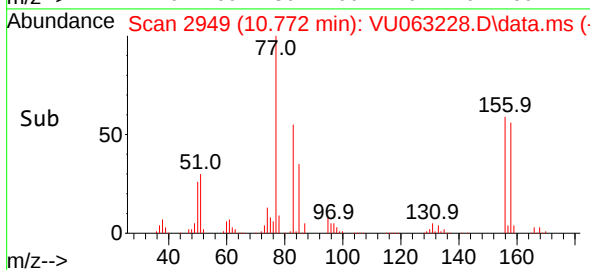
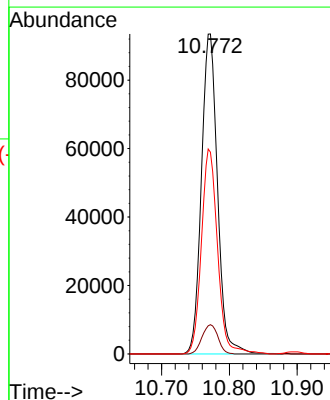
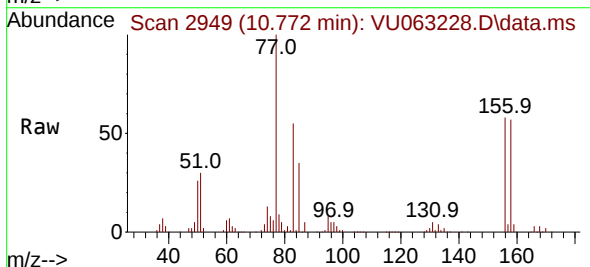
Manual Integrations
APPROVED

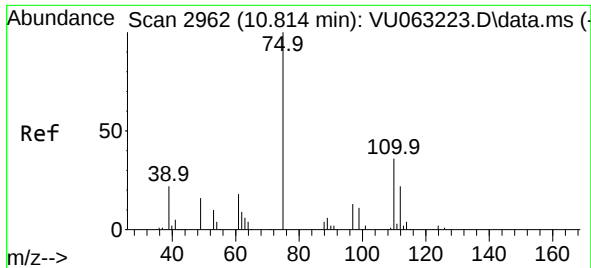
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 8.820 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

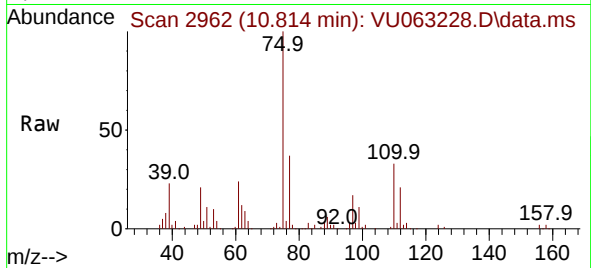
Tgt Ion: 83 Resp: 153961
Ion Ratio Lower Upper
83 100
131 9.0 7.4 11.0
85 64.3 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 9.485 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

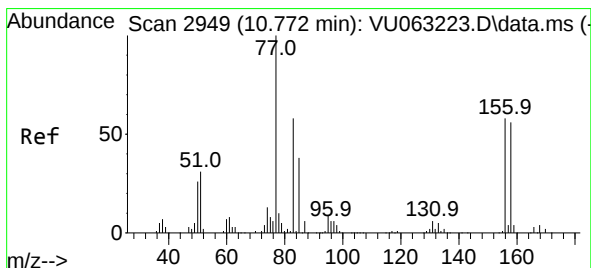
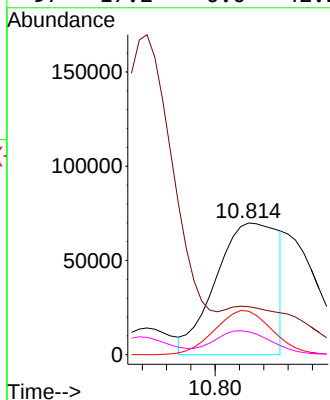
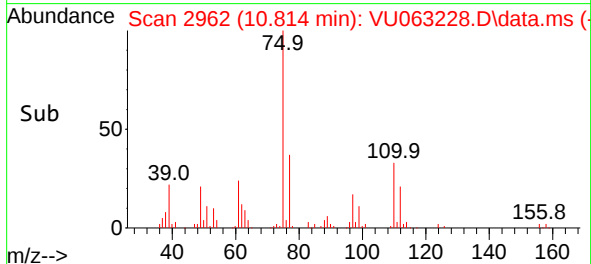
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



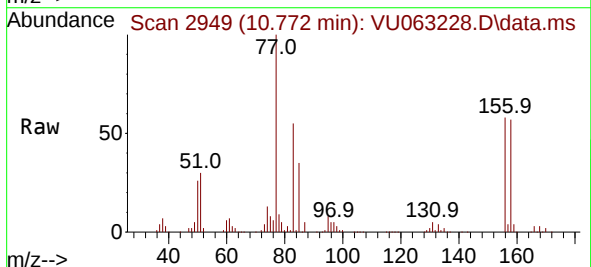
Tgt Ion: 75 Resp: 124385
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 31.2 0.0 77.0
97 17.2 0.0 42.2

Manual Integrations
APPROVED

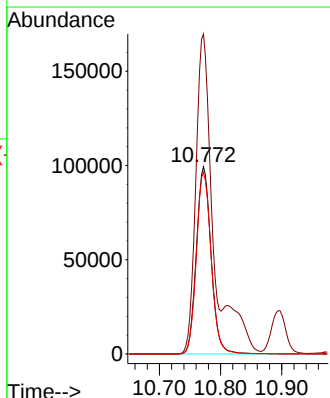
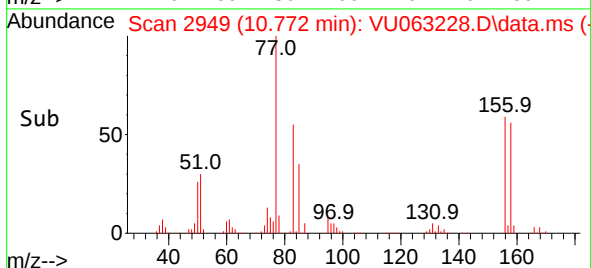
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

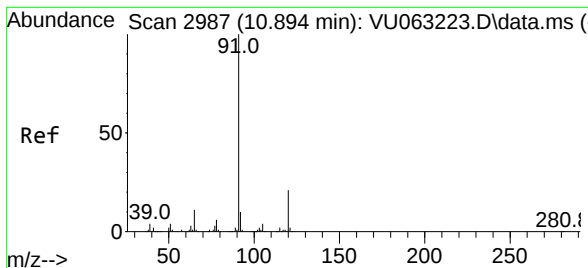


#72
Bromobenzene
Concen: 9.459 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



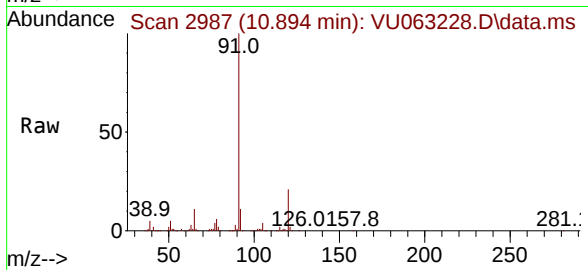
Tgt Ion:156 Resp: 166186
Ion Ratio Lower Upper
156 100
77 171.7 0.0 343.6
158 97.1 0.0 193.0





#73
n-propylbenzene
Concen: 10.396 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

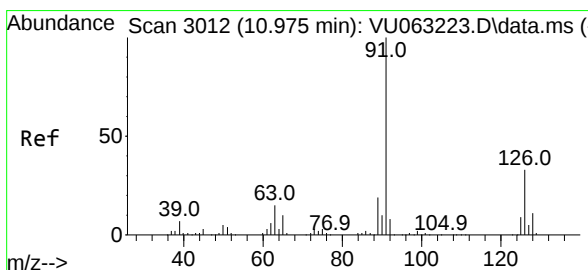
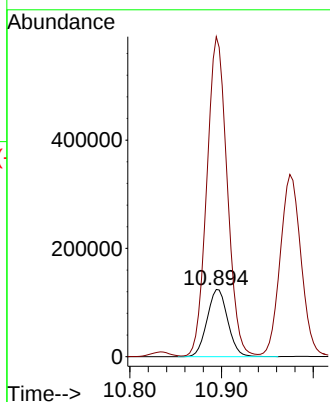
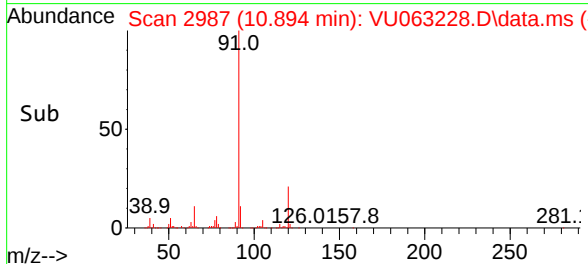
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



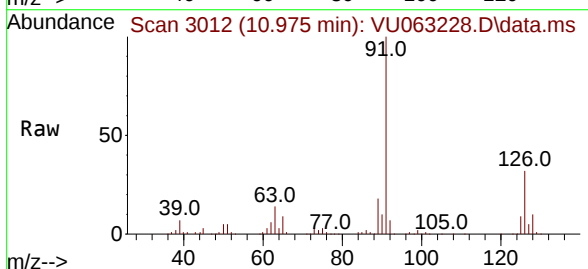
Tgt Ion:120 Resp: 194100
Ion Ratio Lower Upper
120 100
91 467.7 369.8 554.6

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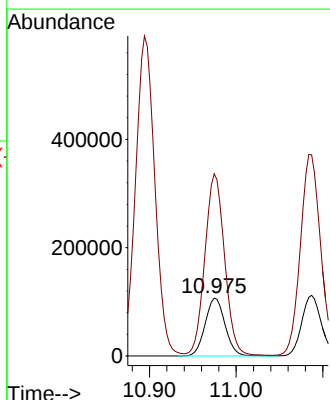
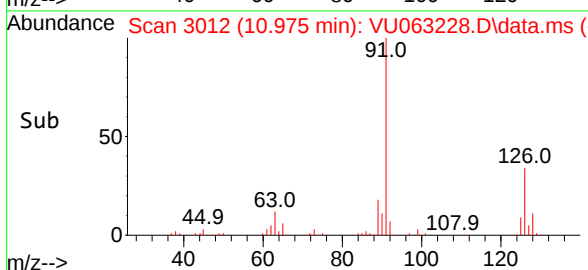
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

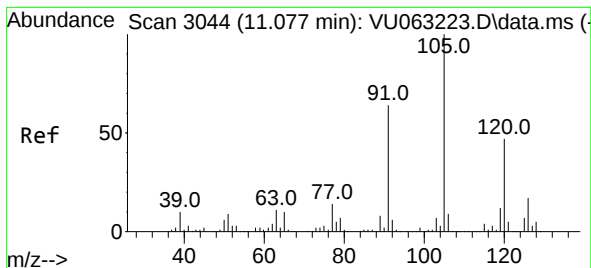


#74
2-Chlorotoluene
Concen: 9.909 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:126 Resp: 170502
Ion Ratio Lower Upper
126 100
91 310.3 0.0 623.8





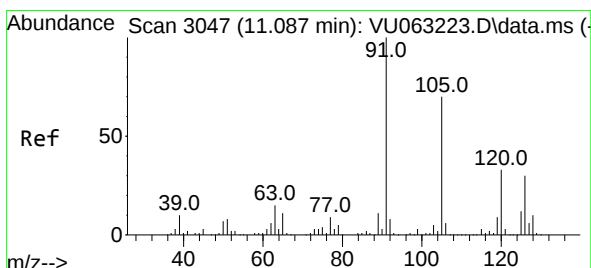
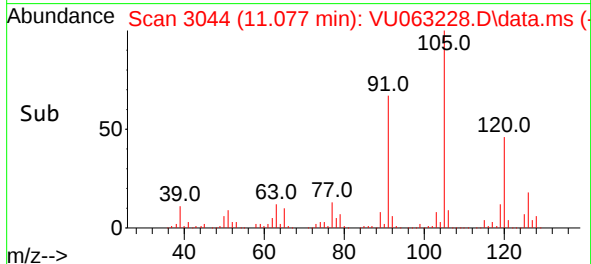
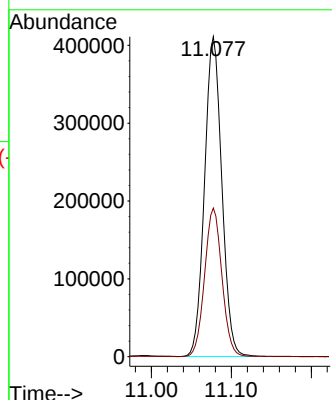
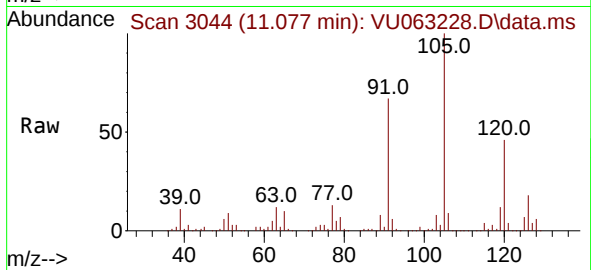
#75
1,3,5-Trimethylbenzene
Concen: 10.250 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 619329
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

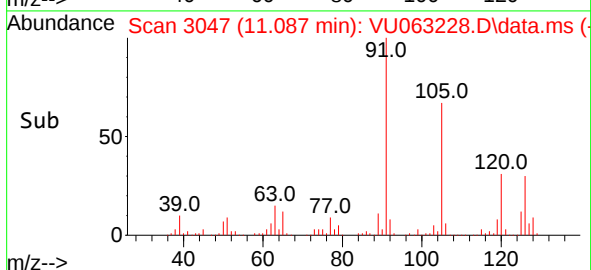
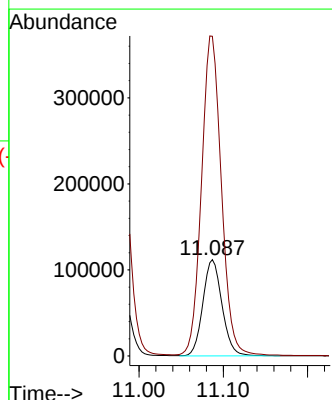
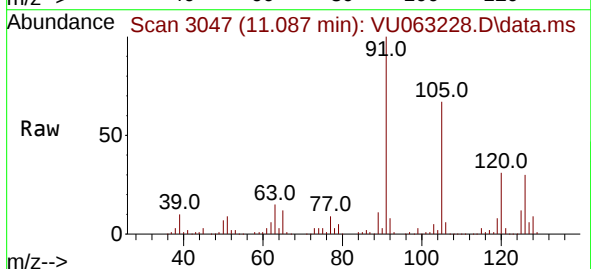
Manual Integrations
APPROVED

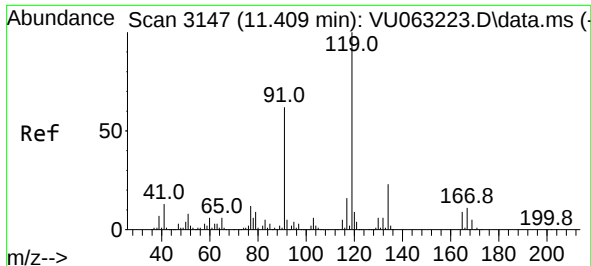
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#76
4-Chlorotoluene
Concen: 10.034 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

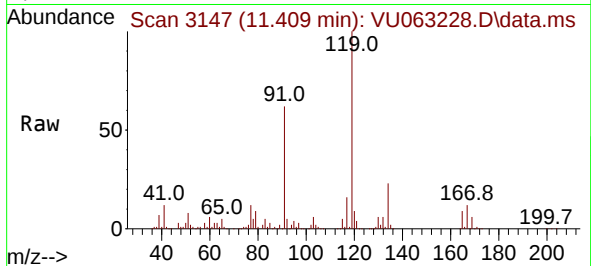
Tgt Ion:126 Resp: 177057
Ion Ratio Lower Upper
126 100
91 345.0 0.0 703.6





#77
tert-Butylbenzene
Concen: 9.891 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

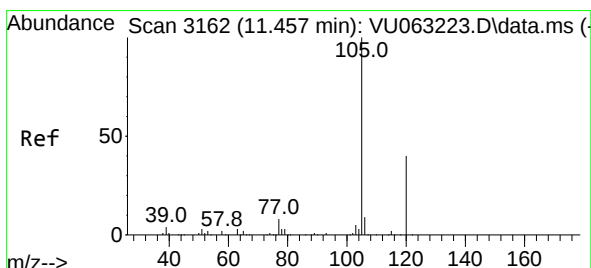
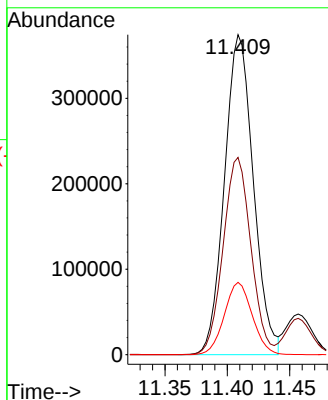
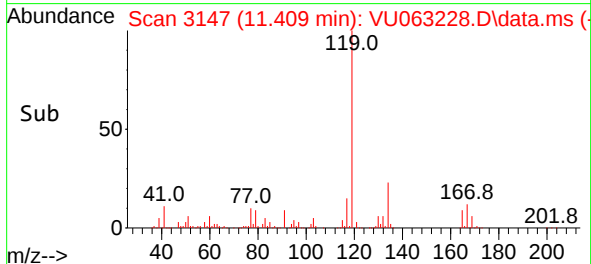
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



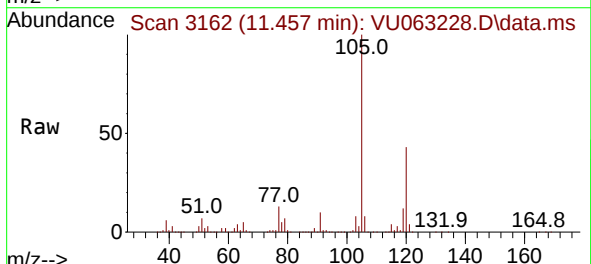
Tgt Ion:119 Resp: 604402
Ion Ratio Lower Upper
119 100
91 59.4 29.4 88.3
134 21.9 17.6 26.4

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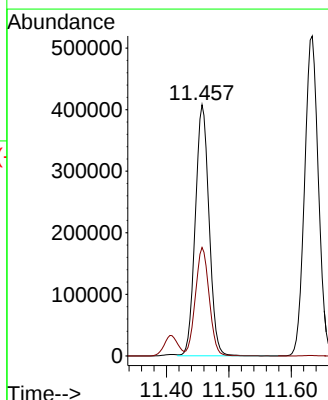
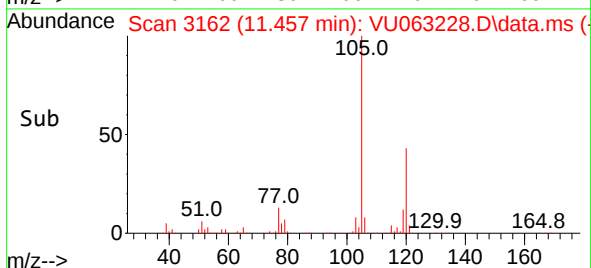
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

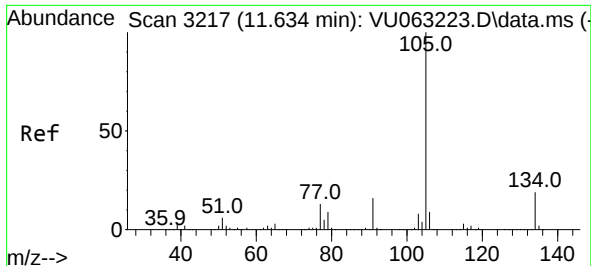


#78
1,2,4-Trimethylbenzene
Concen: 10.413 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:105 Resp: 624278
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.7





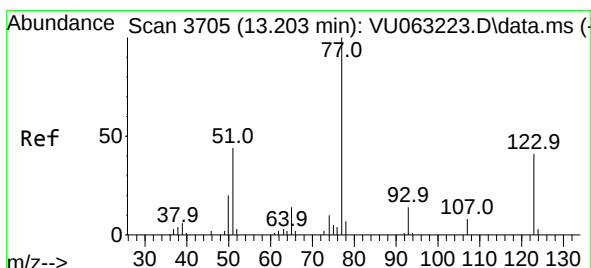
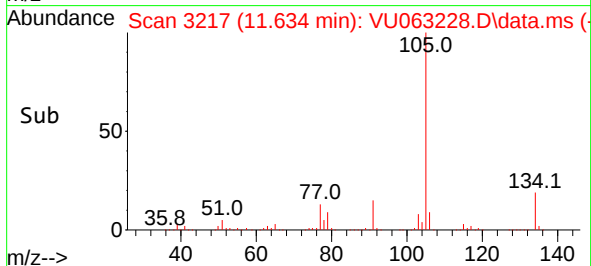
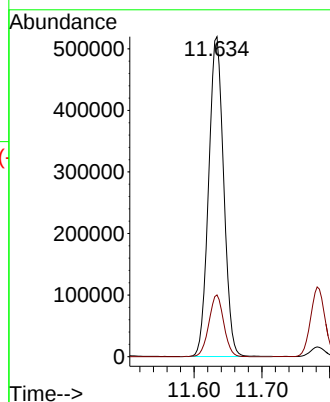
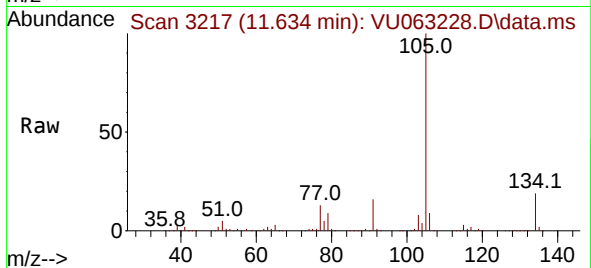
#79
 sec-Butylbenzene
 Concen: 10.269 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 79897
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7

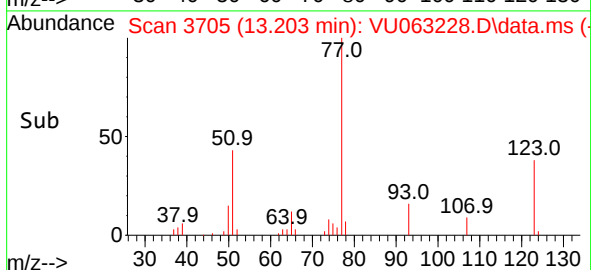
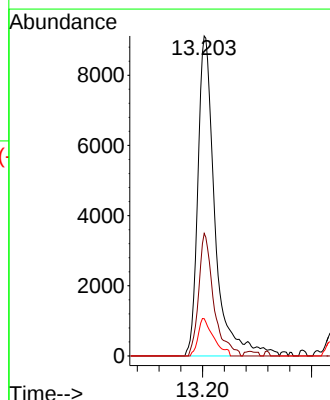
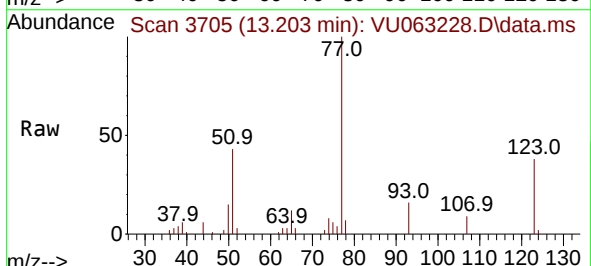
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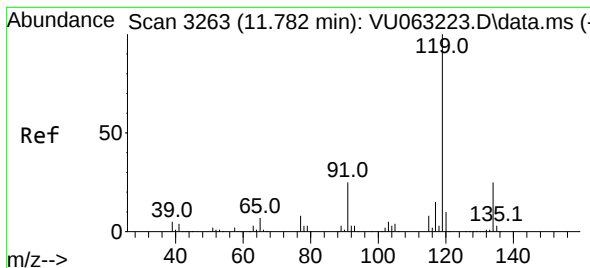
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#80
 Nitrobenzene
 Concen: 39.429 ug/l m
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 11 Feb 2025 10:01

Tgt Ion: 77 Resp: 19933
 Ion Ratio Lower Upper
 77 100
 123 33.5 18.9 67.1
 65 10.5 11.9 15.1#





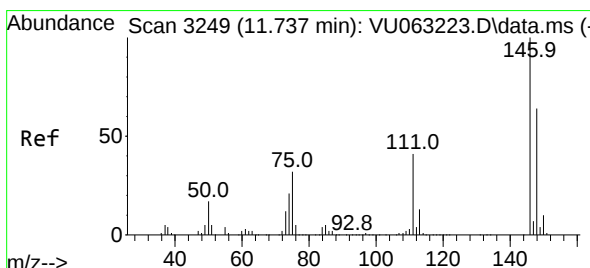
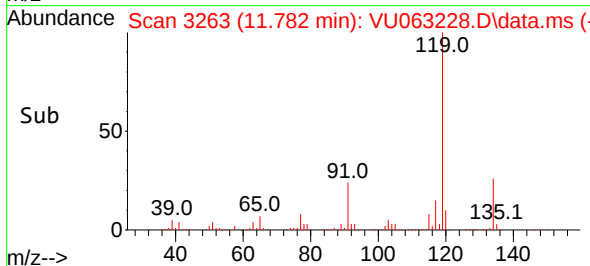
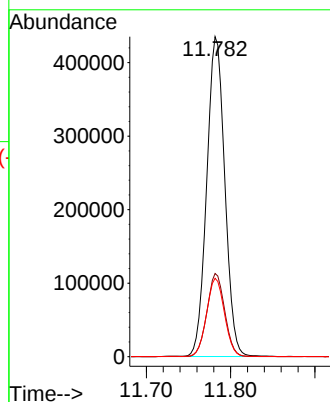
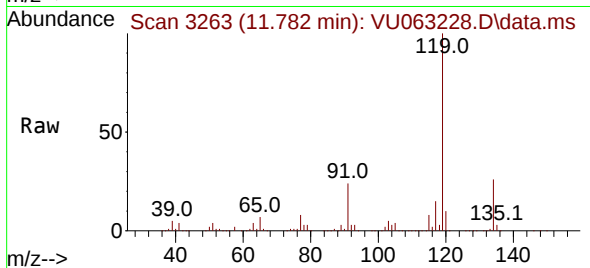
#81
p-Isopropyltoluene
Concen: 10.569 ug/l
RT: 11.782 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 648960
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.2 19.4 29.2

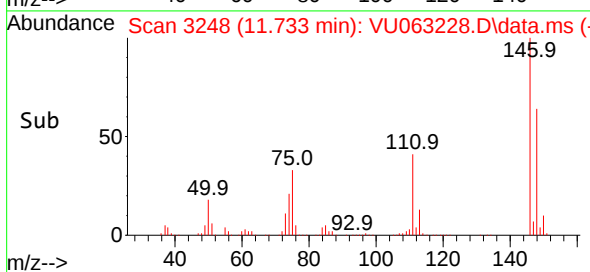
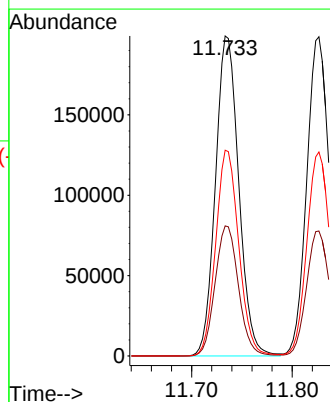
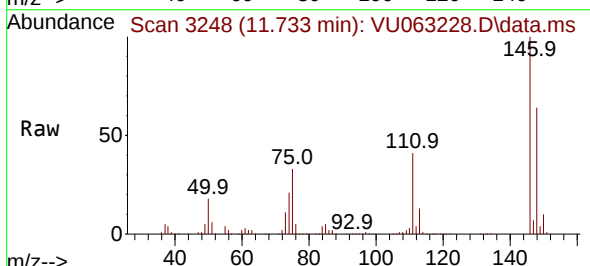
Manual Integrations
APPROVED

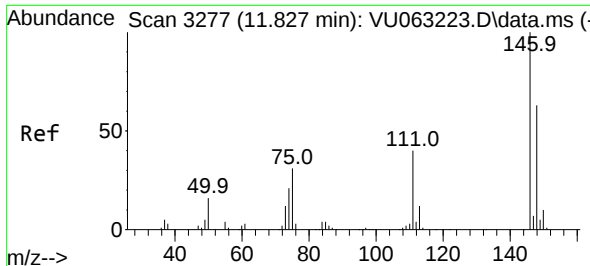
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 9.407 ug/l
RT: 11.733 min Scan# 3248
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

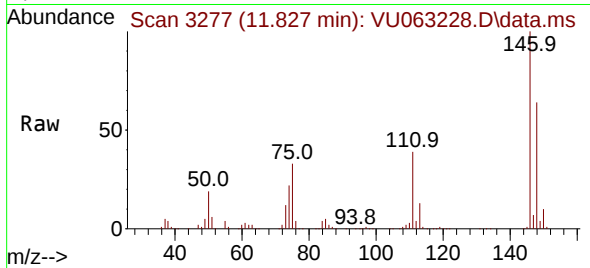
Tgt Ion:146 Resp: 320582
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 63.8 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 9.626 ug/l
RT: 11.827 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

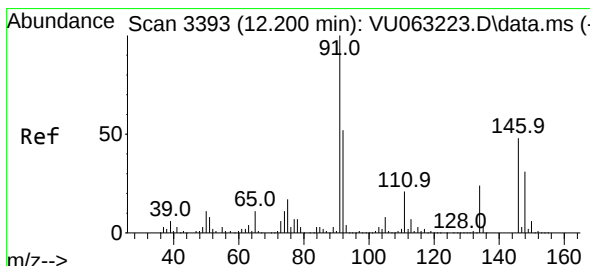
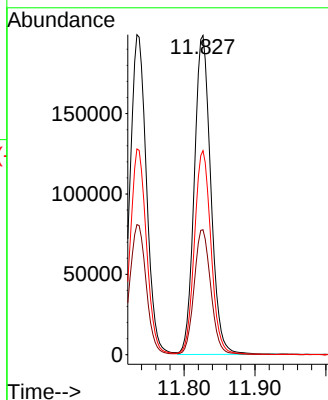
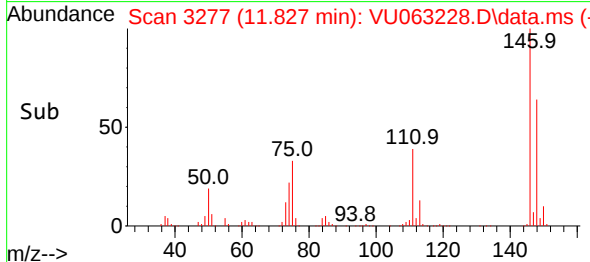
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



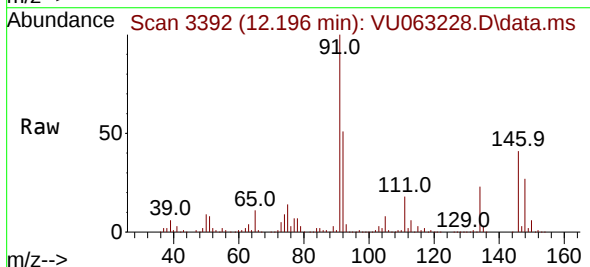
Tgt Ion:146 Resp: 32086
Ion Ratio Lower Upper
146 100
111 39.4 32.1 48.1
148 63.8 50.2 75.4

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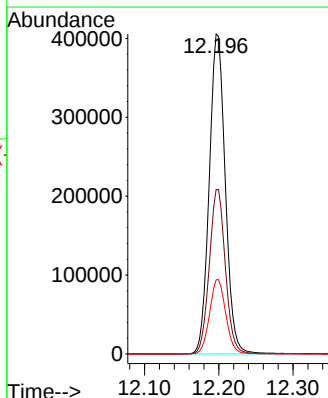
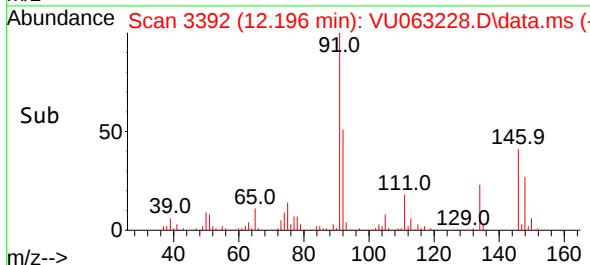
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

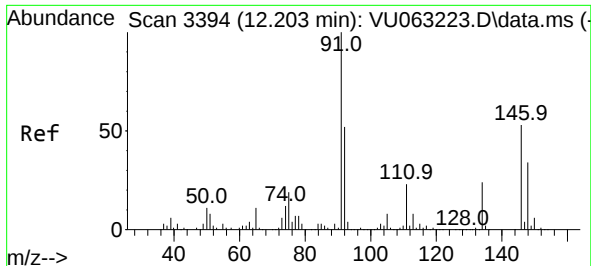


#84
n-Butylbenzene
Concen: 11.060 ug/l
RT: 12.196 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



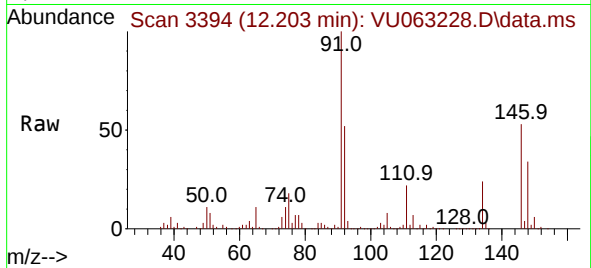
Tgt Ion: 91 Resp: 608967
Ion Ratio Lower Upper
91 100
92 51.4 41.8 62.8
134 23.4 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 9.305 ug/l
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

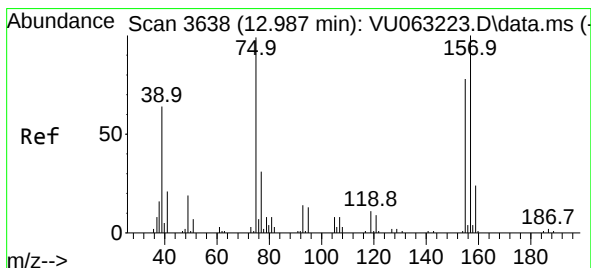
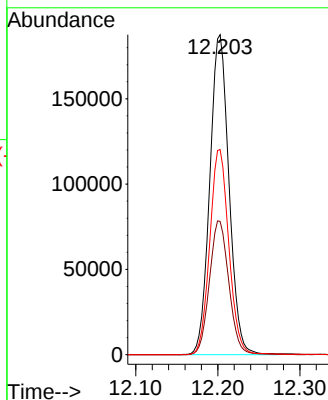
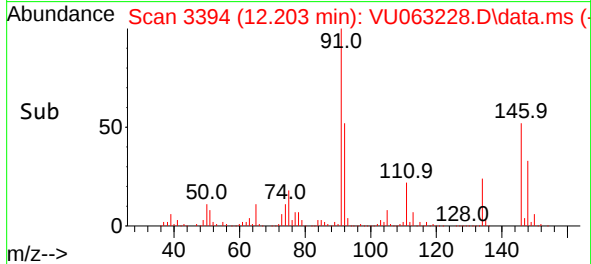
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 30474
Ion Ratio Lower Upper
146 100
111 42.3 21.9 65.7
148 63.9 32.3 96.9

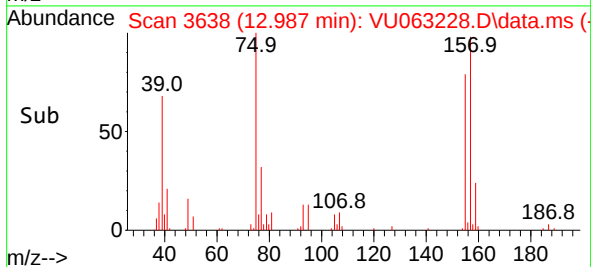
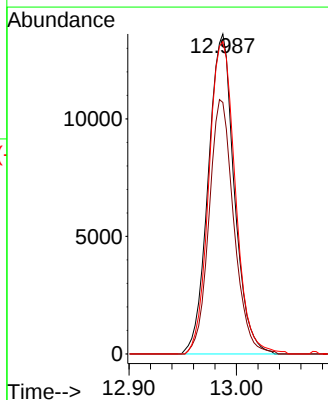
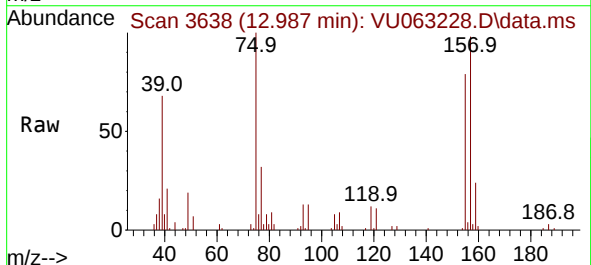
Manual Integrations
APPROVED

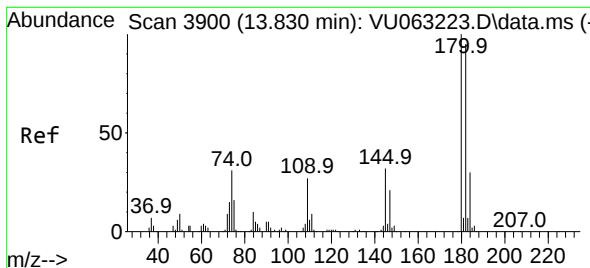
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.357 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

Tgt Ion: 75 Resp: 22925
Ion Ratio Lower Upper
75 100
155 75.6 63.5 95.3
157 99.0 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 10.965 ug/l

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

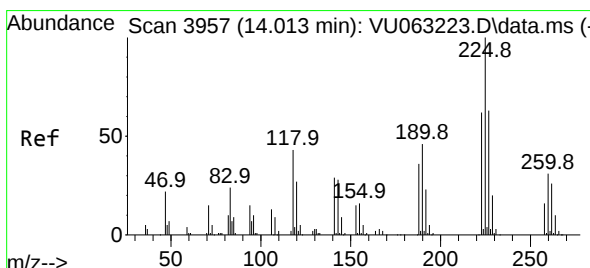
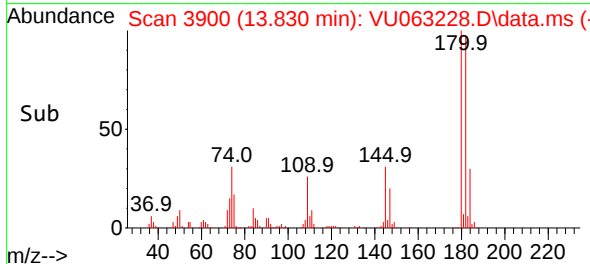
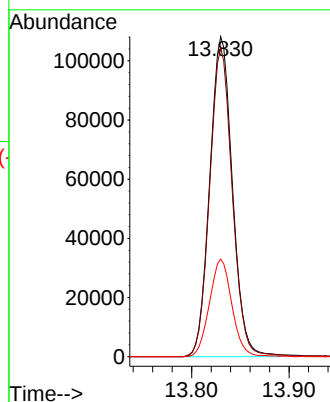
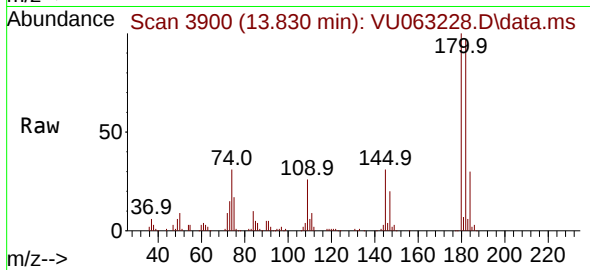
Tgt Ion:	180	Resp:	17515
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.6	115.0
145	30.2	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#88

Hexachlorobutadiene

Concen: 9.651 ug/l

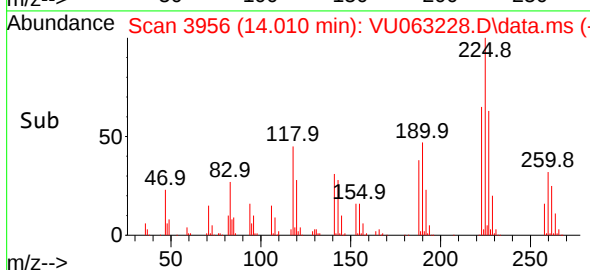
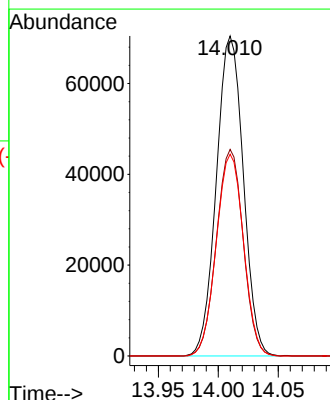
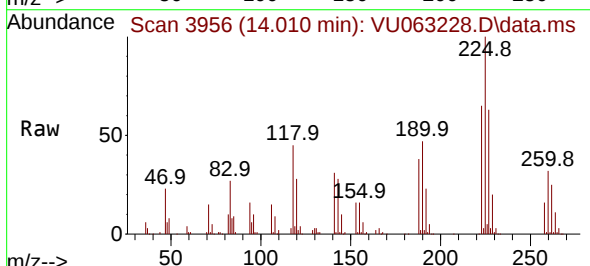
RT: 14.010 min Scan# 3956

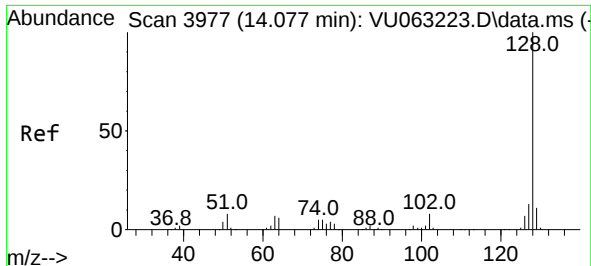
Delta R.T. -0.003 min

Lab File: VU063228.D

Acq: 11 Feb 2025 10:01

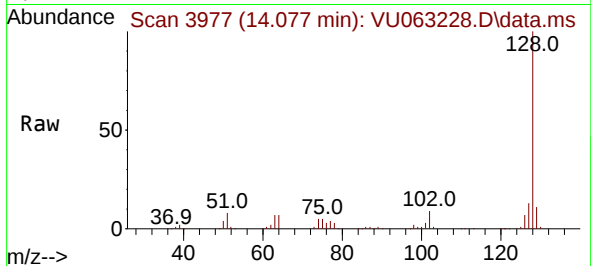
Tgt Ion:	225	Resp:	110172
Ion Ratio	Lower	Upper	
225	100		
223	64.1	49.5	74.3
227	63.5	51.0	76.4





#89
Naphthalene
Concen: 8.899 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01

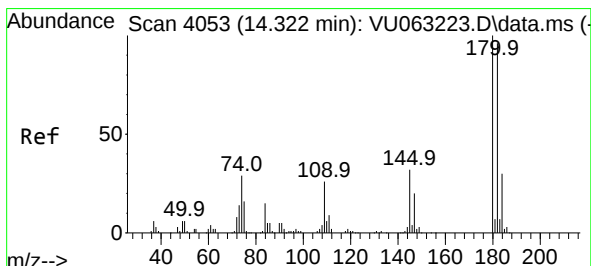
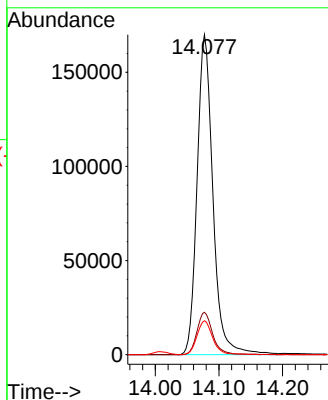
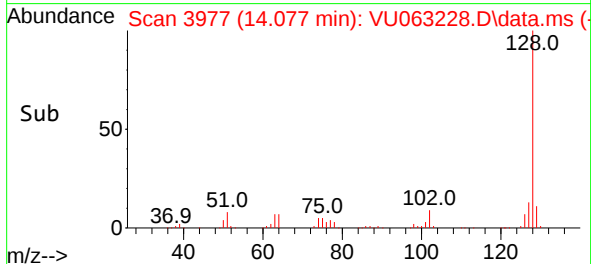
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



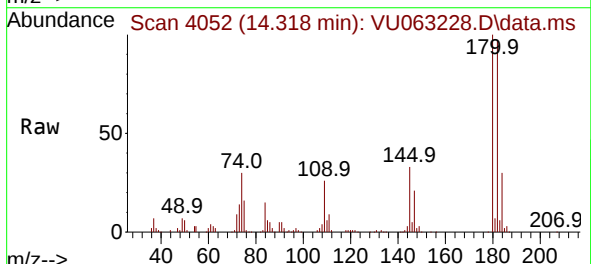
Tgt Ion:128 Resp: 294274
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.6 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 10.565 ug/l
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 11 Feb 2025 10:01



Tgt Ion:180 Resp: 165126
Ion Ratio Lower Upper
180 100
182 96.0 78.2 117.2
145 32.2 26.1 39.1

