

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063225.D
 Acq On : 10 Feb 2025 16:45
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU021025

Quant Time: Feb 11 04:20:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.103	96	54746	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	23243	1.287	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	20943	1.115	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	122859	6.907	ug/l	99
3) Chloromethane	1.515	50	158995	7.762	ug/l	99
4) Vinyl Chloride	1.599	62	173502	8.561	ug/l	99
5) Bromomethane	1.821	94	55063	5.874	ug/l	99
6) Chloroethane	1.898	64	111524	8.736	ug/l	99
7) Trichlorofluoromethane	2.113	101	220887	9.197	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.560	101	142270	10.436	ug/l	99
9) 1,1-Dichloroethene	2.560	96	143602	10.339	ug/l	99
10) Iodomethane	2.702	142	204632	9.372	ug/l	100
11) Allyl Chloride	2.904	41	219588	11.005	ug/l	97
12) Acrylonitrile	3.300	53	166008	51.821	ug/l	98
13) Acetone	2.615	43	116503	47.295	ug/l	99
14) Carbon Disulfide	2.772	76	421701	8.683	ug/l	100
15) Methylene Chloride	3.026	84	165284	9.632	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	154618	9.754	ug/l	97
17) 1,1-Dichloroethane	3.849	63	301514	10.091	ug/l	100
18) 2-Butanone	4.689	43	197169	50.293	ug/l	98
19) Cyclohexane	5.370	56	248051m	10.331	ug/l	
20) Methylcyclohexane	6.750	83	263935	11.086	ug/l	100
21) 2,2-Dichloropropane	4.644	77	247364	10.612	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	185608	10.837	ug/l	99
23) Diethyl Ether	2.364	59	112591	9.447	ug/l	99
24) tert-Butyl Alcohol	3.187	59	66161	51.182	ug/l #	88
25) Methyl tert-Butyl Ether	3.348	73	369805	10.661	ug/l	99
26) Bromochloromethane	4.956	128	68843	9.196	ug/l	99
27) Chloroform	5.071	83	304221	10.089	ug/l	100
28) 1,1,1-Trichloroethane	5.300	97	250902	10.272	ug/l	99
29) 1,1-Dichloropropene	5.512	75	208602	9.535	ug/l	99
30) Carbon Tetrachloride	5.509	117	210911	10.069	ug/l	98
31) Isopropyl Ether	3.975	45	498428	11.684	ug/l #	1
34) Propionitrile	4.756	54	132730	112.251	ug/l #	98
35) Benzene	5.759	78	678147	10.081	ug/l	100
36) 1,2-Dichloroethane	5.779	62	180895	9.317	ug/l	100
37) Trichloroethene	6.531	130	151261	9.455	ug/l	99
38) 1,2-Dichloropropane	6.775	63	170018	9.657	ug/l	100
39) Methacrylonitrile	4.959	41	50755	11.518	ug/l	98
40) Methyl acrylate	4.833	55	86382	10.636	ug/l	98
41) Tetrahydrofuran	5.039	42	133021	51.903	ug/l	96
42) 1-Chlorobutane	5.441	56	317470	10.606	ug/l	99
43) Dibromomethane	6.907	93	87369	9.800	ug/l	97
44) Bromodichloromethane	7.094	83	225336	10.859	ug/l	98
45) 4-Methyl-2-Pentanone	7.779	43	519812	55.614	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	53637m	12.207	ug/l	

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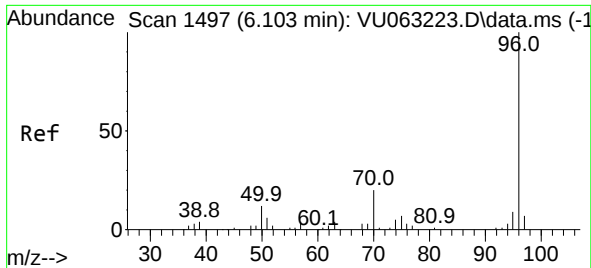
Manual Integrations
 APPROVED

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

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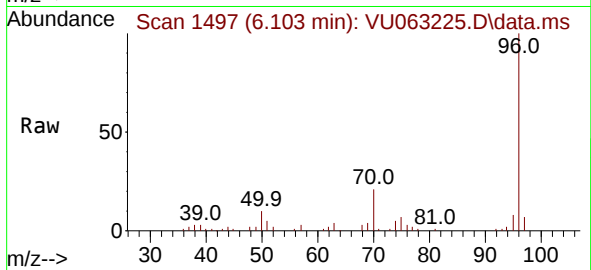
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.952	69	81105	10.801	ug/l	96
48) Ethyl methacrylate	8.325	69	166665	11.820	ug/l	99
49) Toluene	7.959	92	415448	10.739	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	207350	10.914	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	242070	10.315	ug/l	97
52) 1,1,2-Trichloroethane	8.390	97	119029	9.902	ug/l	99
53) 1,3-Dichloropropane	8.563	76	207689	9.732	ug/l	99
54) 2-Hexanone	8.676	43	369589	57.943	ug/l	99
55) Dibromochloromethane	8.798	129	144391	10.441	ug/l	98
56) 1,2-Dibromoethane	8.914	107	111510	9.891	ug/l	99
58) Tetrachloroethene	8.544	164	135201	10.255	ug/l	98
59) Chlorobenzene	9.438	112	435888	10.678	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	145439	9.912	ug/l	99
61) Pentachloroethane	11.418	117	146273	11.159	ug/l	99
62) Hexachloroethane	12.467	117	135009	11.642	ug/l	99
63) Ethyl Benzene	9.560	91	794797	11.289	ug/l	100
64) m/p-Xylenes	9.682	106	610698	23.222	ug/l	99
65) o-Xylene	10.090	106	294864	11.453	ug/l	100
66) Styrene	10.103	104	499423	12.190	ug/l	100
67) Bromoform	10.280	173	87483	11.146	ug/l	99
69) Isopropylbenzene	10.473	105	777638	12.848	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	169972	10.491	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	120161m	9.872	ug/l	
72) Bromobenzene	10.772	156	183865	11.275	ug/l	99
73) n-propylbenzene	10.897	120	210467	12.145	ug/l	99
74) 2-Chlorotoluene	10.978	126	191413	11.986	ug/l	96
75) 1,3,5-Trimethylbenzene	11.078	105	684766	12.210	ug/l	100
76) 4-Chlorotoluene	11.087	126	194674	11.887	ug/l	100
77) tert-Butylbenzene	11.409	119	683840	12.057	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	696739	12.521	ug/l	100
79) sec-Butylbenzene	11.634	105	893150	12.368	ug/l	100
80) Nitrobenzene	13.212	77	5344	14.120	ug/l #	81
81) p-Isopropyltoluene	11.785	119	740341	12.990	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	376778	11.912	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	376860	12.181	ug/l	99
84) n-Butylbenzene	12.200	91	707039	13.835	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	361247	11.884	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	25391	11.165	ug/l	96
87) 1,2,4-Trichlorobenzene	13.830	180	207953	14.027	ug/l	99
88) Hexachlorobutadiene	14.010	225	123242	11.632	ug/l	99
89) Naphthalene	14.077	128	342725	10.999	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	175916	12.127	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

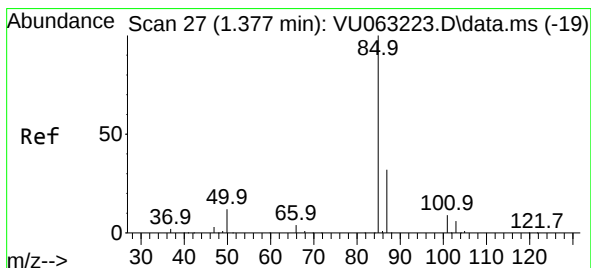
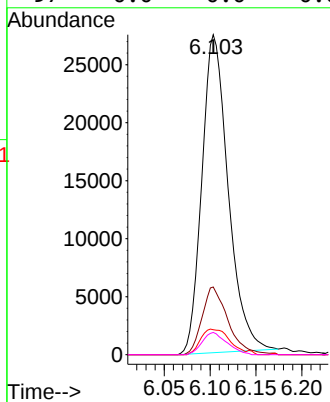
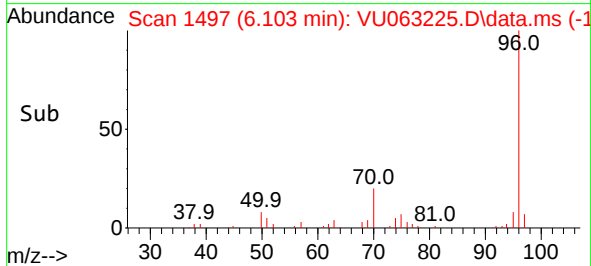
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



Tgt Ion:	96	Resp:	5474
Ion	Ratio	Lower	Upper
96	100		
70	21.0	15.6	23.4
95	9.1	7.3	10.9
97	0.0	0.0	0.0

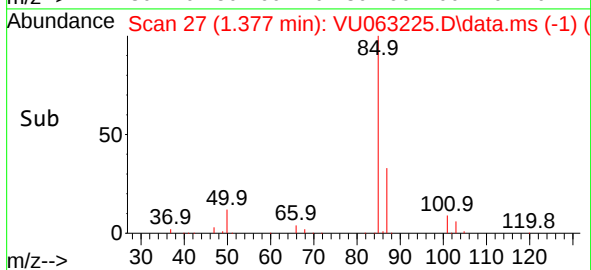
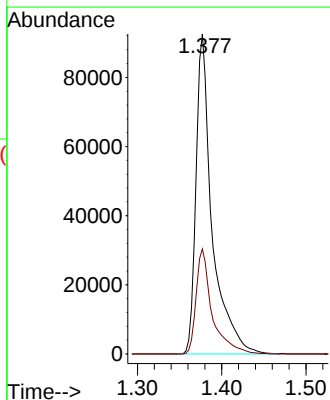
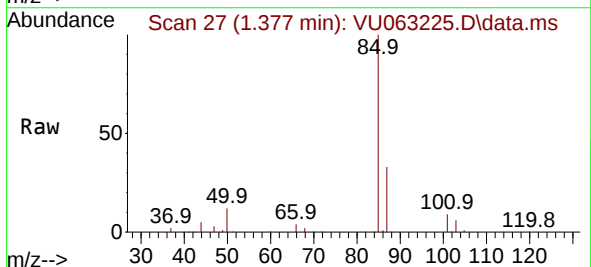
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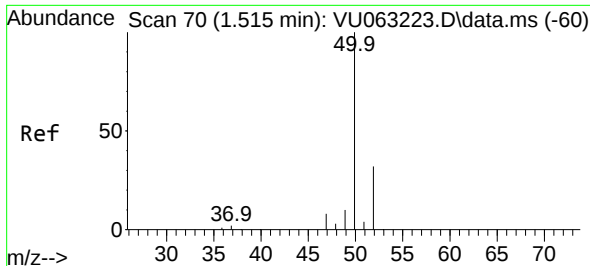
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 6.907 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

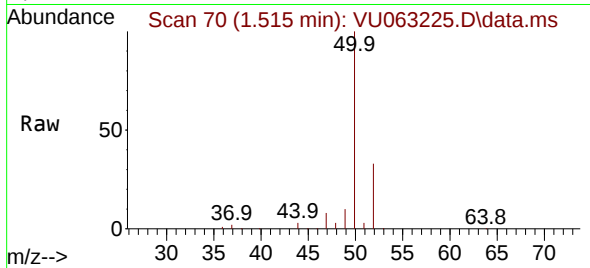
Tgt Ion:	85	Resp:	122859
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.0	48.0





#3
Chloromethane
Concen: 7.762 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

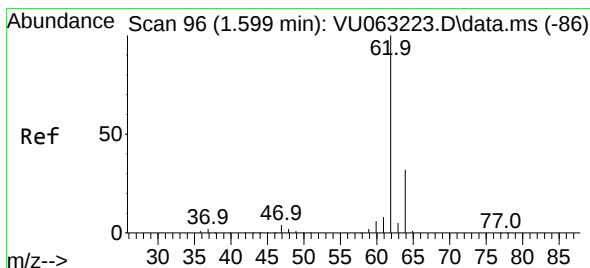
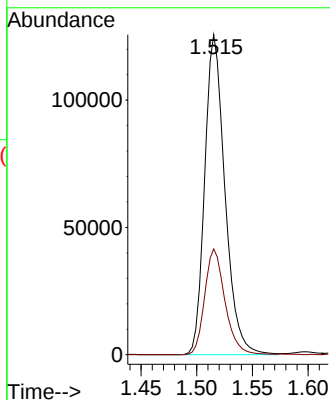
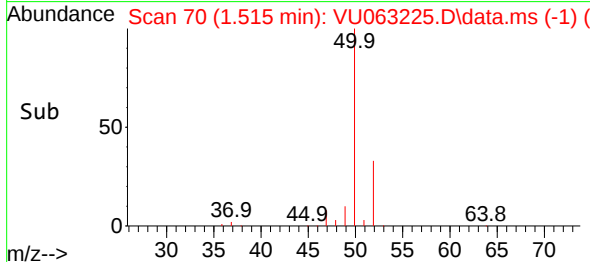
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



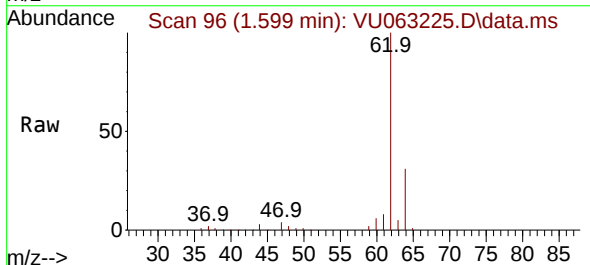
Tgt Ion: 50 Resp: 15899
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.8

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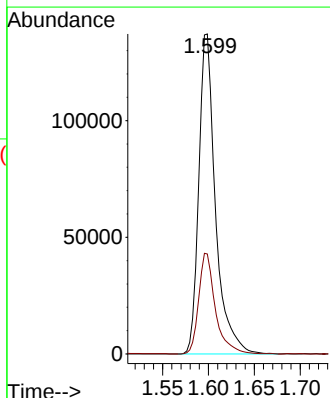
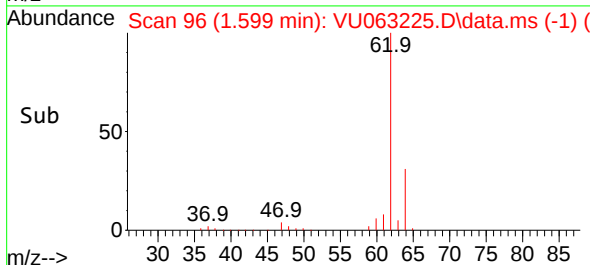
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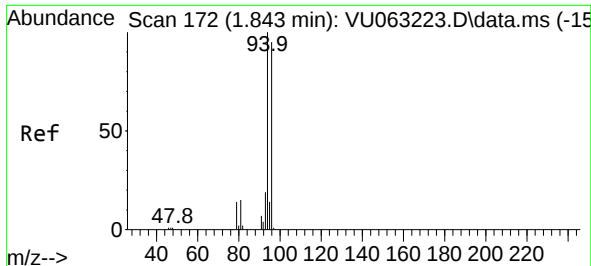


#4
Vinyl Chloride
Concen: 8.561 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



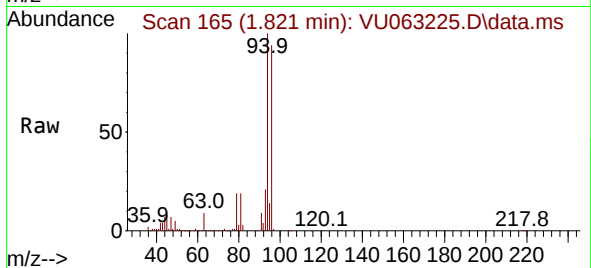
Tgt Ion: 62 Resp: 173502
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 5.874 ug/l
RT: 1.821 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

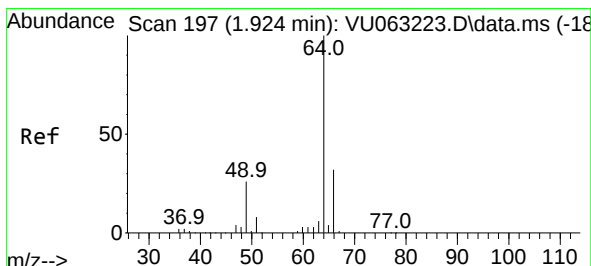
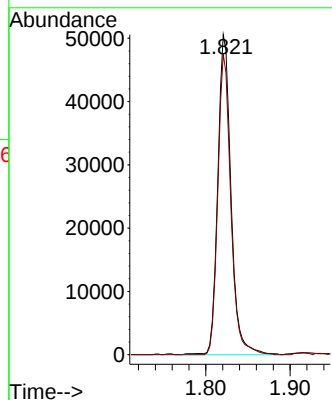
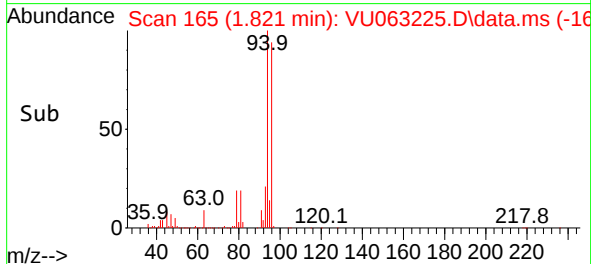
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 94 Resp: 5506
Ion Ratio Lower Upper
94 100
96 93.9 75.7 113.5

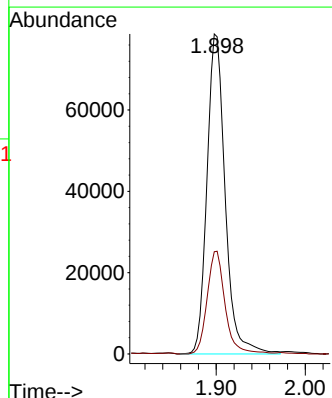
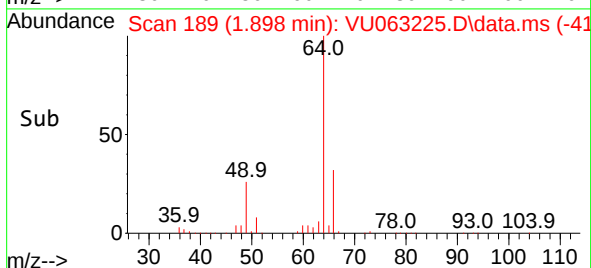
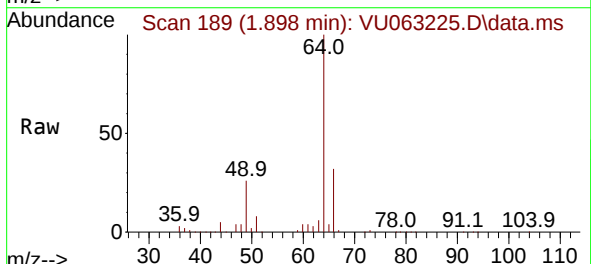
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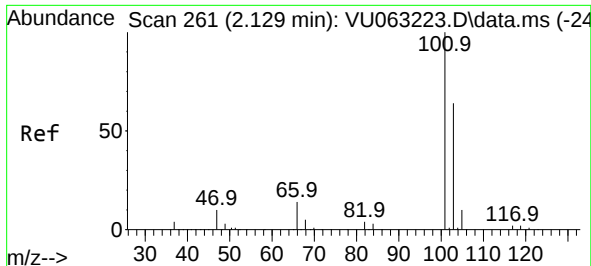
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 8.736 ug/l
RT: 1.898 min Scan# 189
Delta R.T. -0.026 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Tgt Ion: 64 Resp: 111524
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





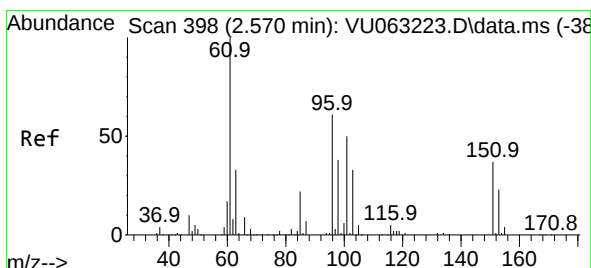
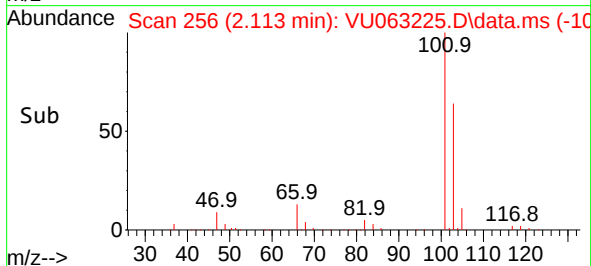
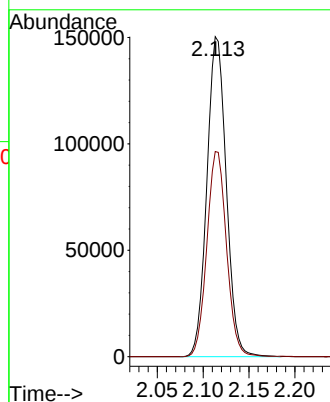
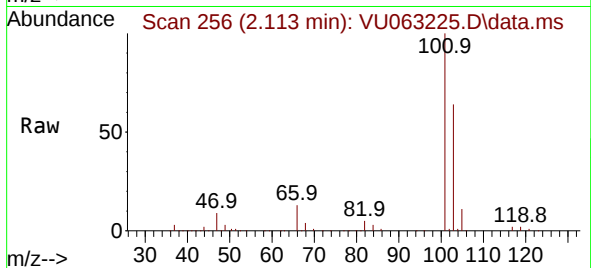
#7
Trichlorofluoromethane
Concen: 9.197 ug/l
RT: 2.113 min Scan# 210
Delta R.T. -0.016 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument :
MSVOA_U
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ICVVU021025

Tgt Ion:101 Resp: 22088
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

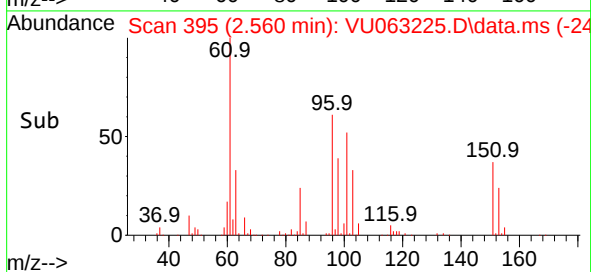
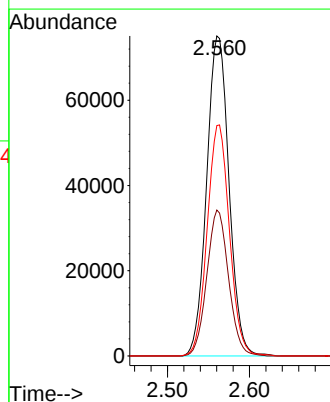
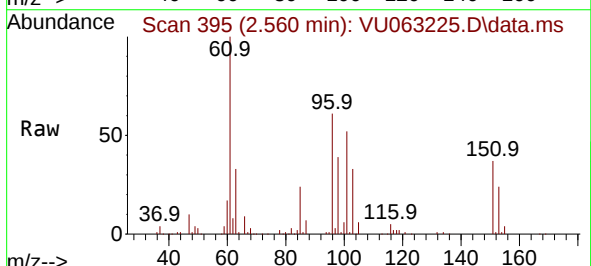
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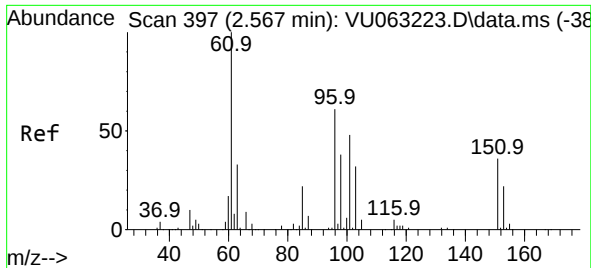
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.436 ug/l
RT: 2.560 min Scan# 395
Delta R.T. -0.010 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Tgt Ion:101 Resp: 142270
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 71.9 58.5 87.7





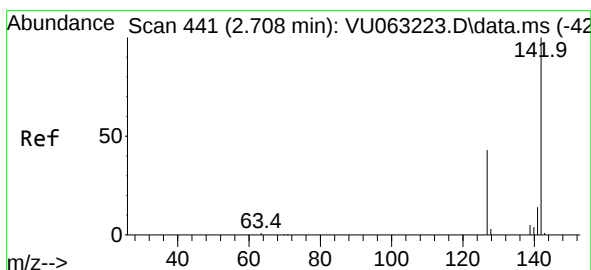
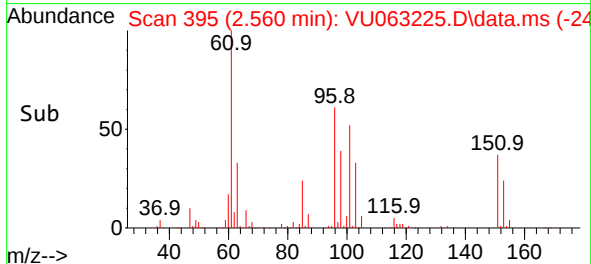
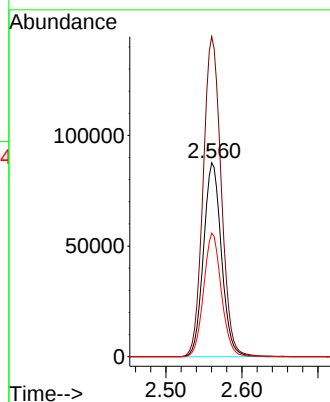
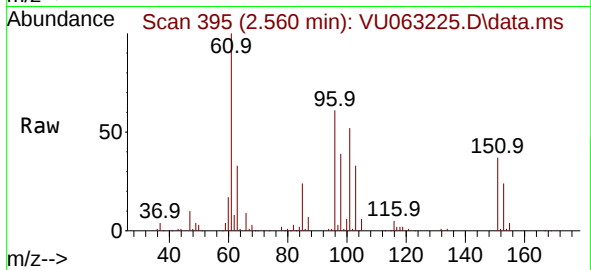
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1,1-Dichloroethene
Concen: 10.339 ug/l
RT: 2.560 min Scan# 397
Delta R.T. -0.006 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument : MSVOA_U
Client Sample Id : ICVVU021025

Tgt Ion: 96 Resp: 143602
Ion Ratio Lower Upper
96 100
61 164.9 0.0 492.9
98 63.7 0.0 124.0

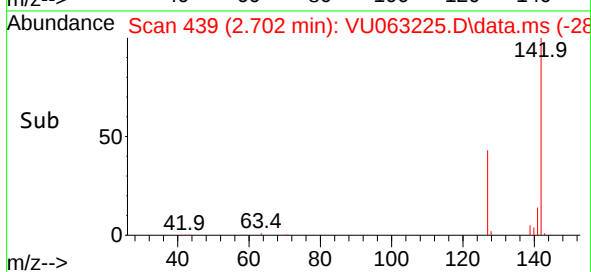
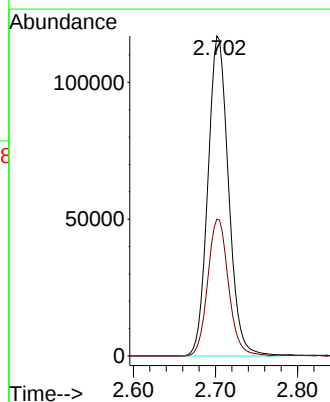
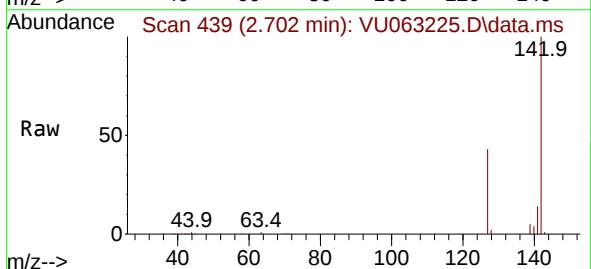
Manual Integrations
APPROVED

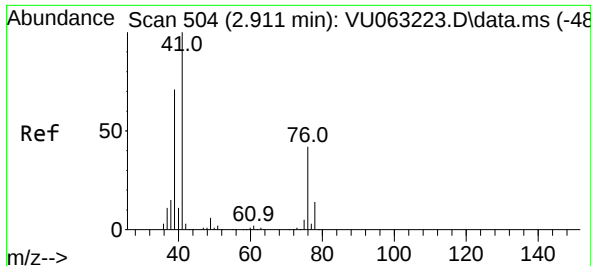
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 9.372 ug/l
RT: 2.702 min Scan# 439
Delta R.T. -0.006 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

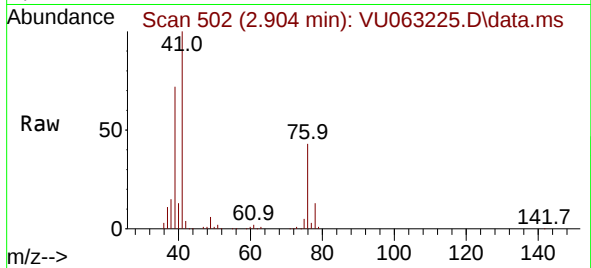
Tgt Ion:142 Resp: 204632
Ion Ratio Lower Upper
142 100
127 43.0 34.5 51.7





#11
 Allyl Chloride
 Concen: 11.005 ug/l
 RT: 2.904 min Scan# 504
 Delta R.T. -0.006 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

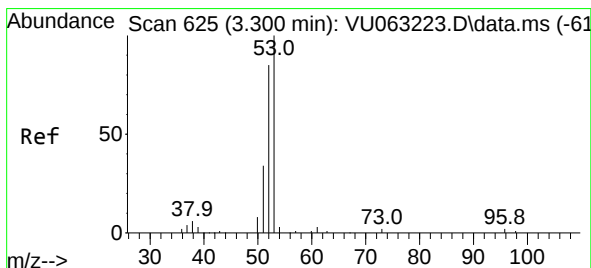
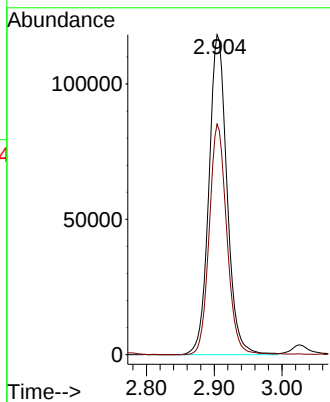
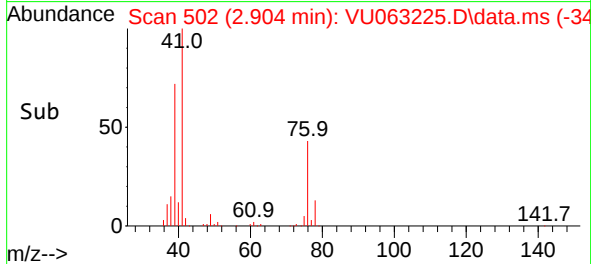
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025



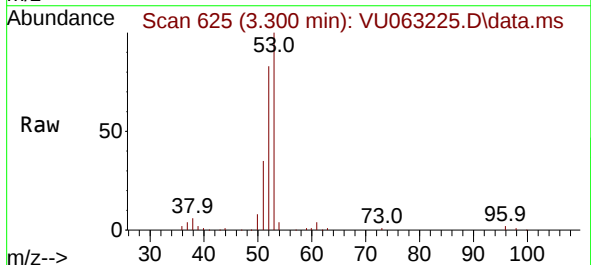
Tgt Ion: 41 Resp: 219588
 Ion Ratio Lower Upper
 41 100
 39 69.8 57.9 86.9

Manual Integrations
 APPROVED

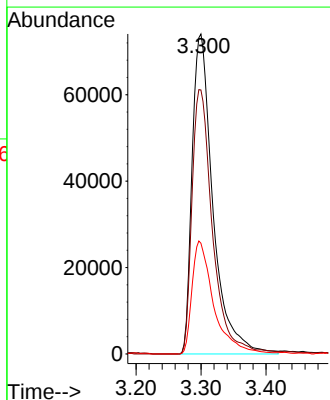
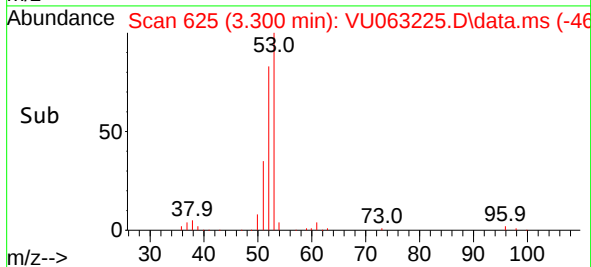
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

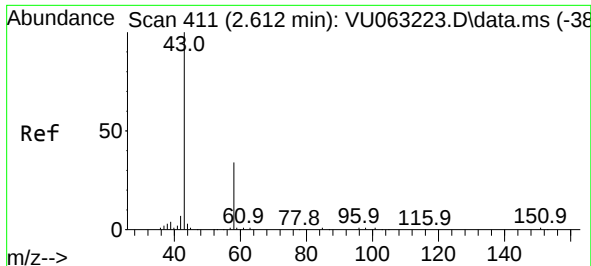


#12
 Acrylonitrile
 Concen: 51.821 ug/l
 RT: 3.300 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45



Tgt Ion: 53 Resp: 166008
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.2 96.2
 51 36.7 30.8 46.2





#13

Acetone

Concen: 47.295 ug/l

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 43 Resp: 116500

Ion Ratio Lower Upper

43 100

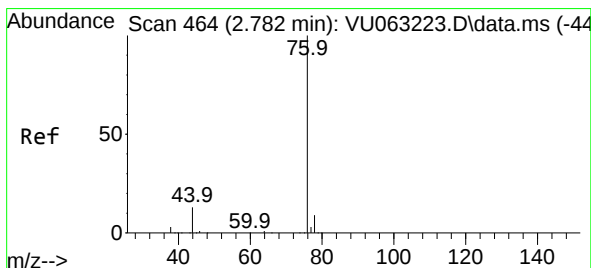
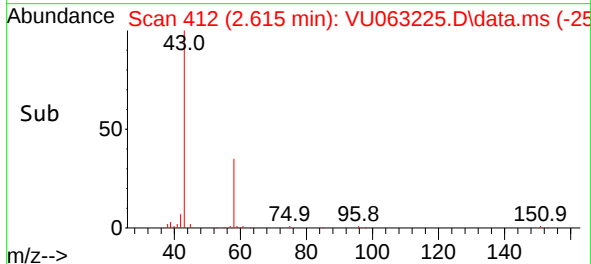
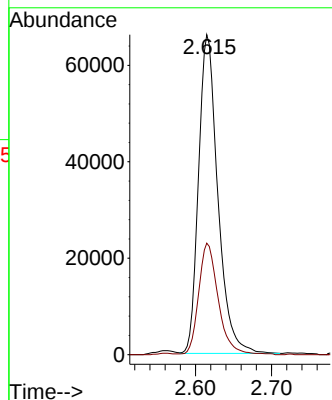
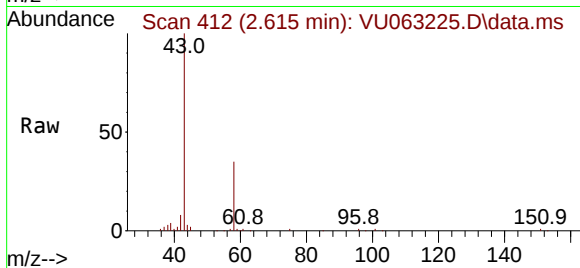
58 35.0 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#14

Carbon Disulfide

Concen: 8.683 ug/l

RT: 2.772 min Scan# 461

Delta R.T. -0.010 min

Lab File: VU063225.D

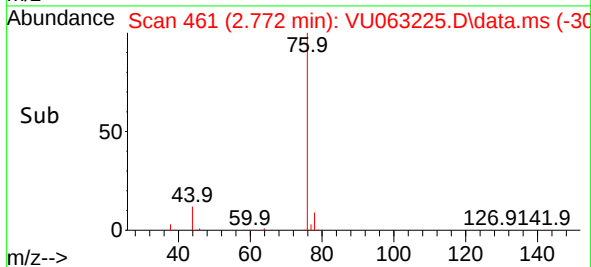
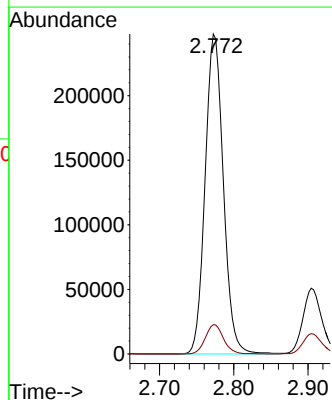
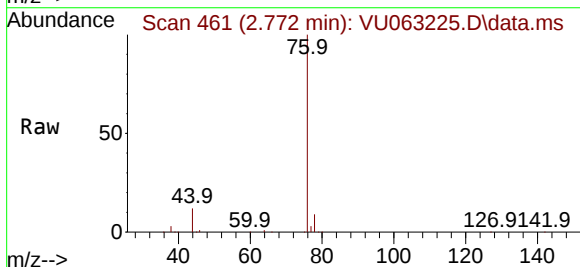
Acq: 10 Feb 2025 16:45

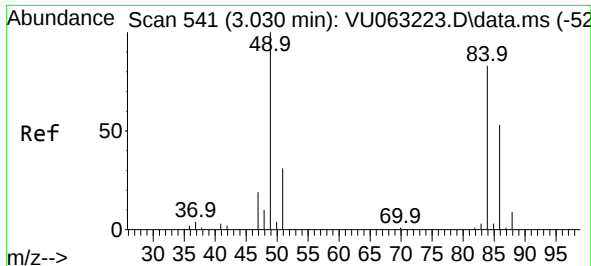
Tgt Ion: 76 Resp: 421701

Ion Ratio Lower Upper

76 100

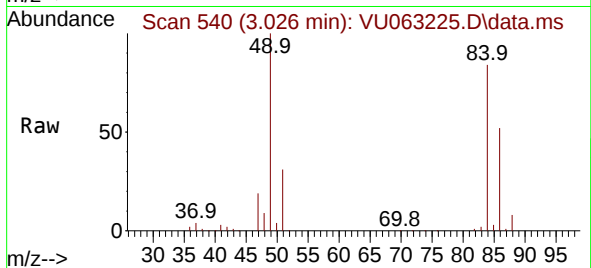
78 9.2 7.2 10.8





#15
Methylene Chloride
Concen: 9.632 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

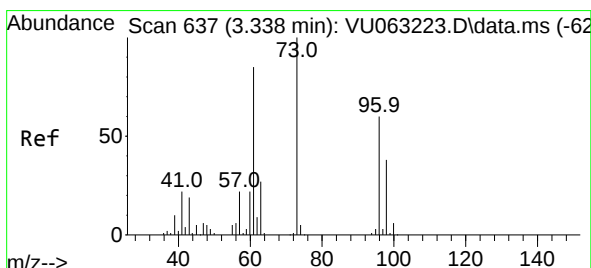
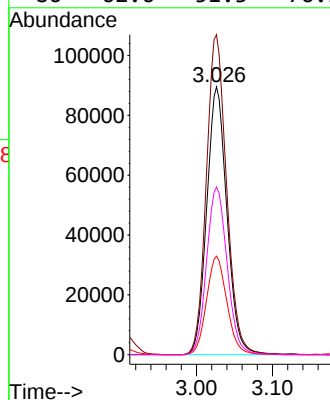
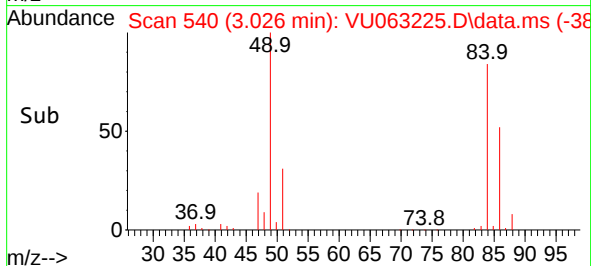
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 84 Resp: 165284
Ion Ratio Lower Upper
84 100
49 119.4 96.4 144.6
51 36.8 0.0 74.8
86 62.6 51.3 76.9

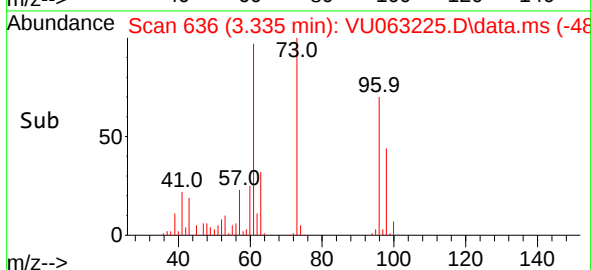
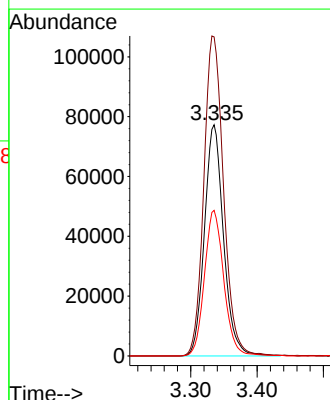
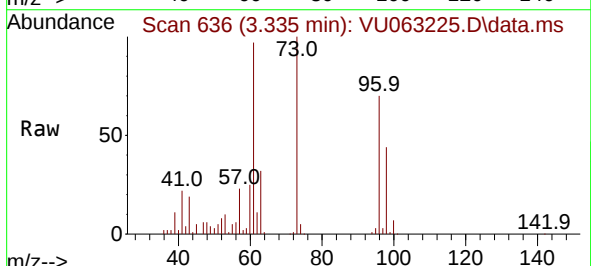
Manual Integrations
APPROVED

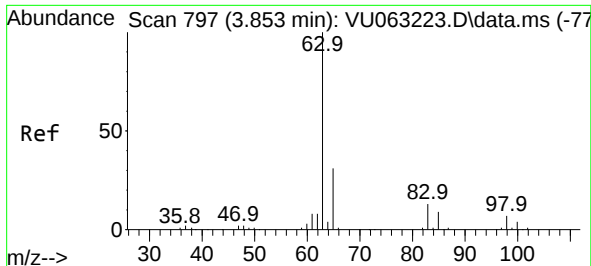
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16
trans-1,2-Dichloroethene
Concen: 9.754 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Tgt Ion: 96 Resp: 154618
Ion Ratio Lower Upper
96 100
61 138.0 113.4 170.2
98 62.9 51.2 76.8





#17

1,1-Dichloroethane

Concen: 10.091 ug/l

RT: 3.849 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 63 Resp: 301514

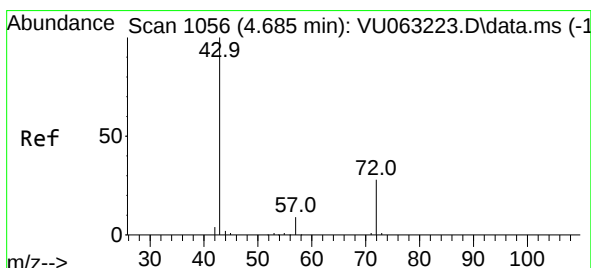
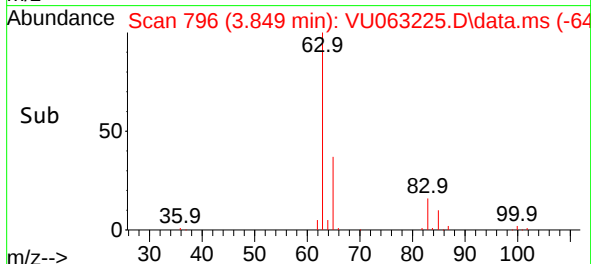
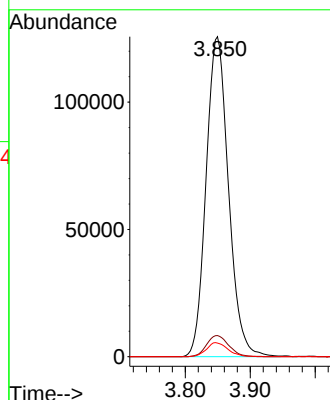
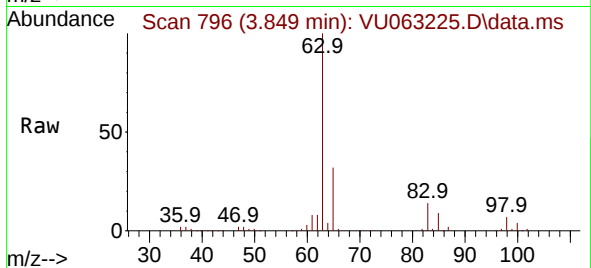
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.3	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#18

2-Butanone

Concen: 50.293 ug/l

RT: 4.689 min Scan# 1057

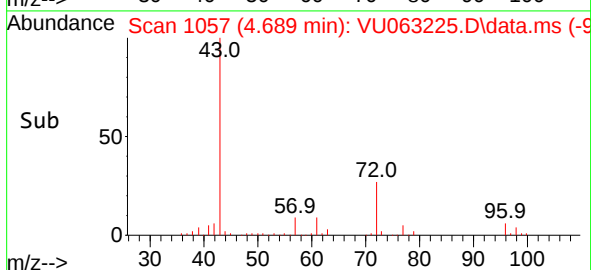
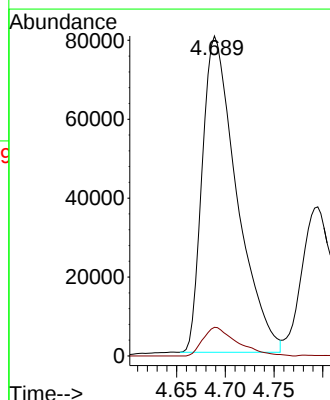
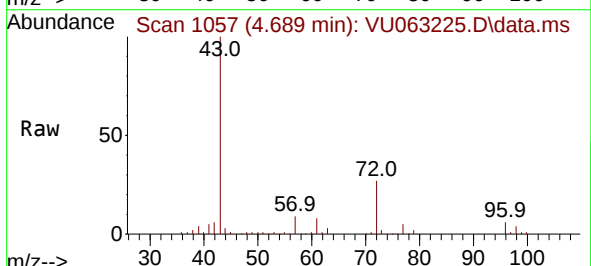
Delta R.T. 0.003 min

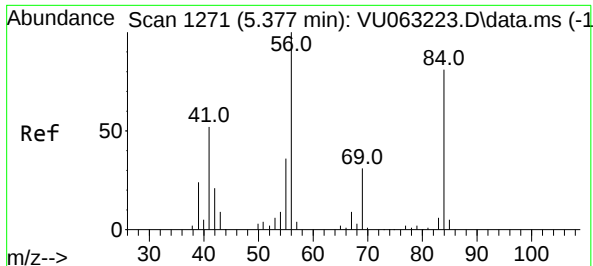
Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Tgt Ion: 43 Resp: 197169

Ion	Ratio	Lower	Upper
43	100		
57	9.1	0.0	17.0





#19

Cyclohexane

Concen: 10.331 ug/l m

RT: 5.370 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 56 Resp: 24805

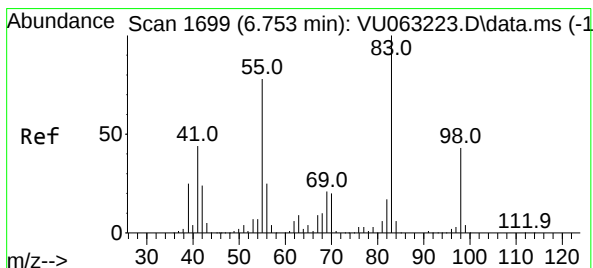
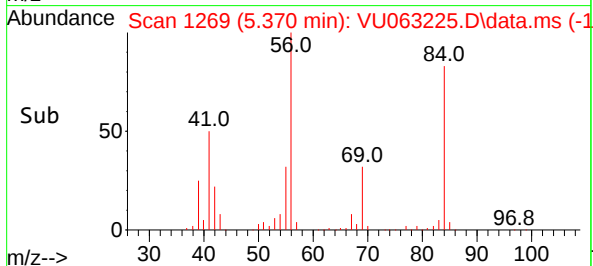
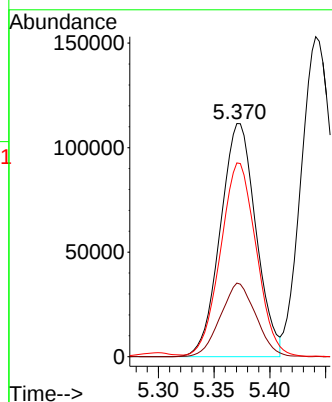
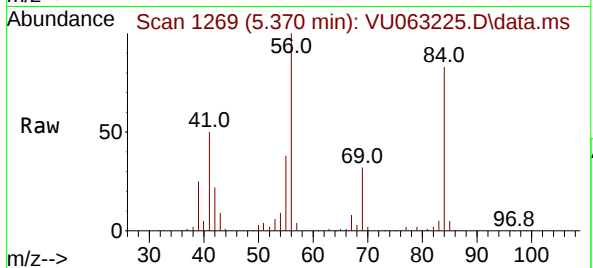
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.5	36.7
84	82.3	65.2	97.8

Manual Integrations

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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#20

Methylcyclohexane

Concen: 11.086 ug/l

RT: 6.750 min Scan# 1698

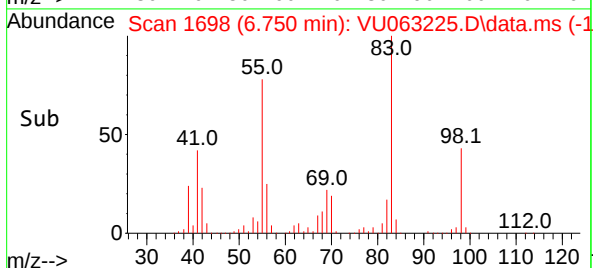
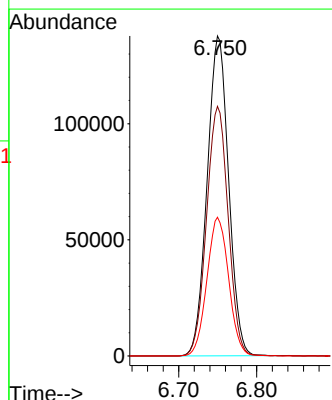
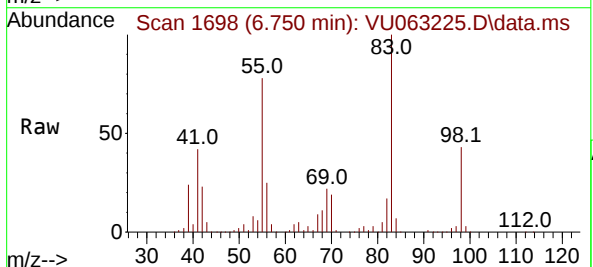
Delta R.T. -0.003 min

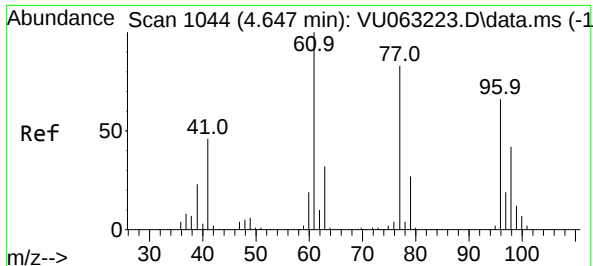
Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Tgt Ion: 83 Resp: 263935

Ion	Ratio	Lower	Upper
83	100		
55	78.4	63.1	94.7
98	44.0	35.2	52.8





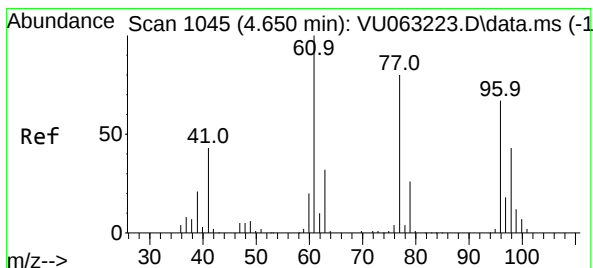
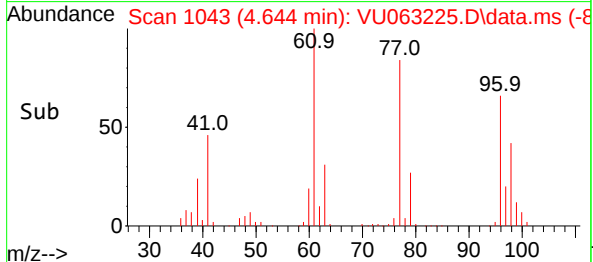
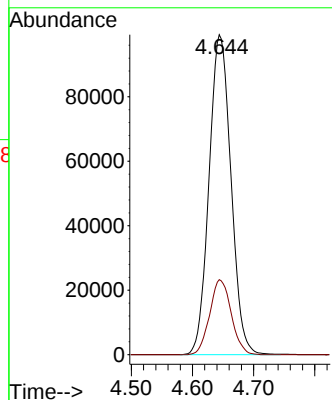
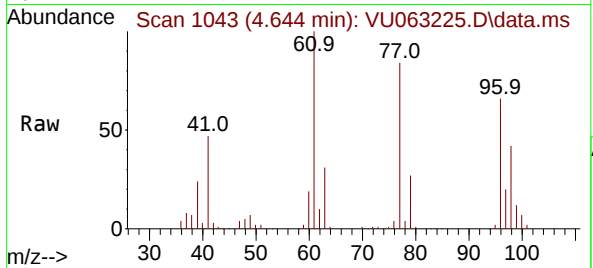
#21
2,2-Dichloropropane
Concen: 10.612 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 77 Resp: 247364
Ion Ratio Lower Upper
77 100
97 23.0 18.5 27.7

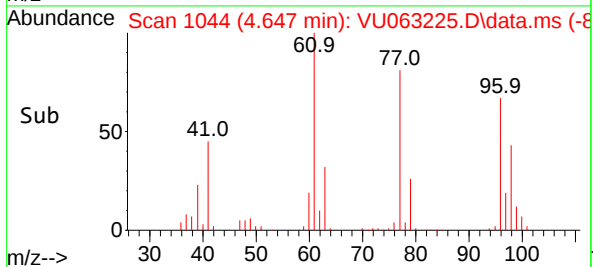
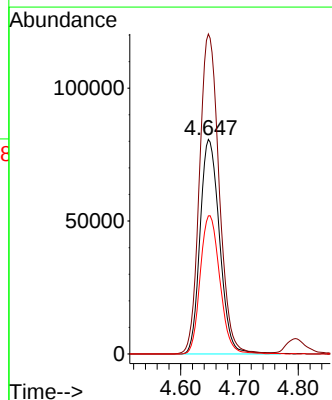
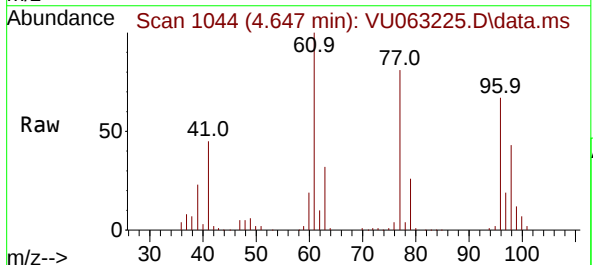
Manual Integrations
APPROVED

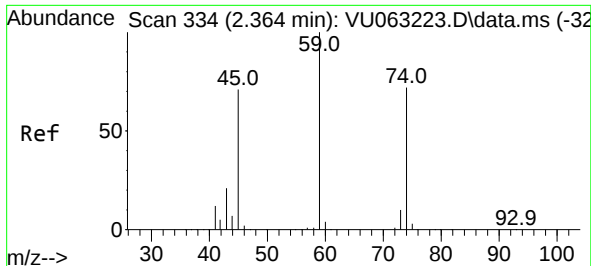
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 10.837 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

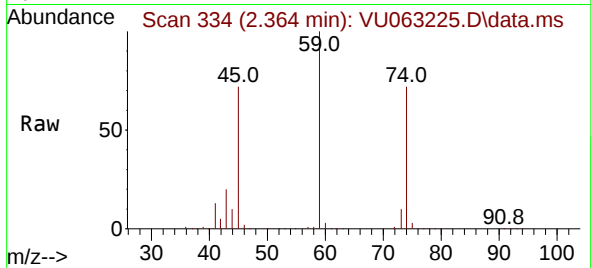
Tgt Ion: 96 Resp: 185608
Ion Ratio Lower Upper
96 100
61 150.7 0.0 373.3
98 64.8 31.9 95.9





#23
Diethyl Ether
Concen: 9.447 ug/l
RT: 2.364 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

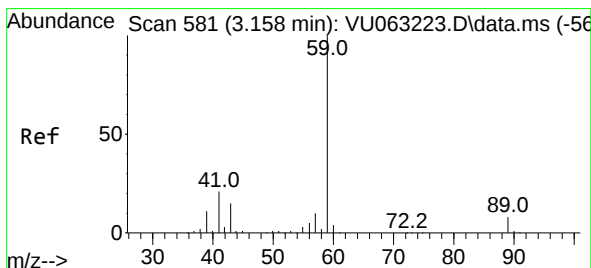
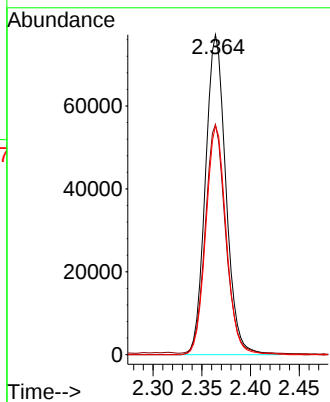
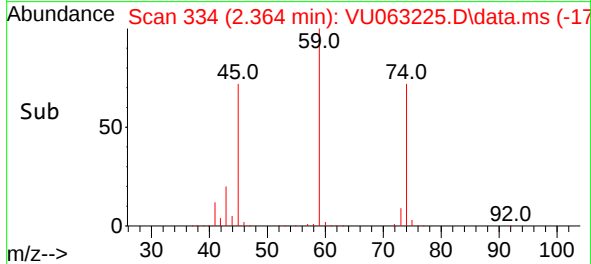
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 59 Resp: 11259
Ion Ratio Lower Upper
59 100
45 70.8 57.8 86.6
74 71.3 57.7 86.5

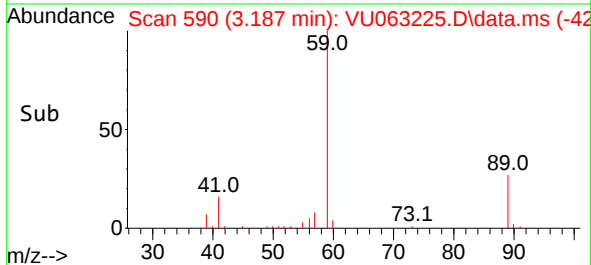
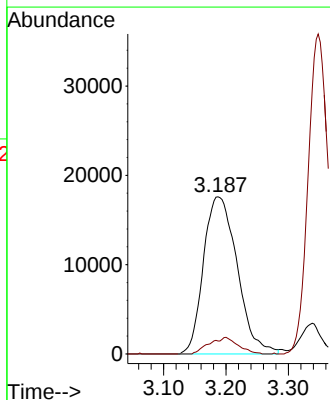
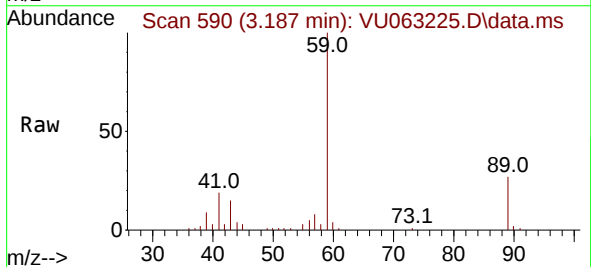
Manual Integrations
APPROVED

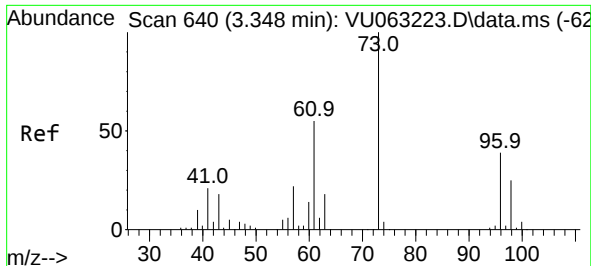
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 51.182 ug/l
RT: 3.187 min Scan# 590
Delta R.T. 0.029 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

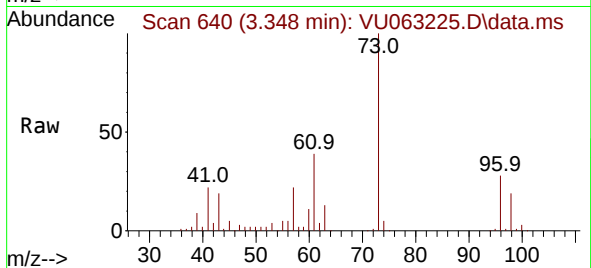
Tgt Ion: 59 Resp: 66161
Ion Ratio Lower Upper
59 100
57 5.2 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 10.661 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

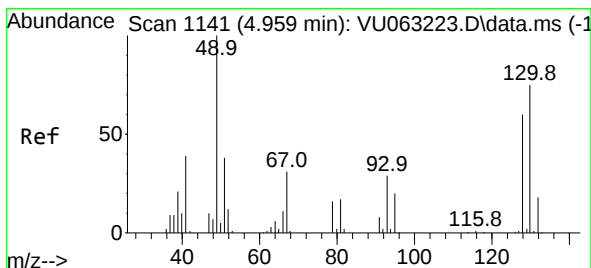
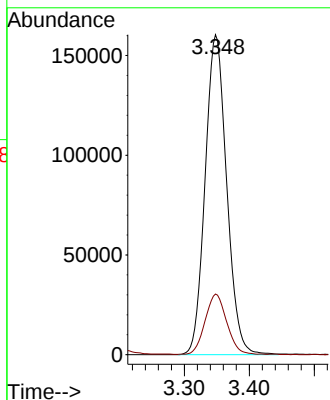
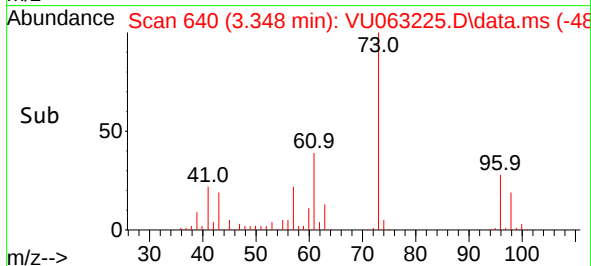
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 73 Resp: 36980
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3

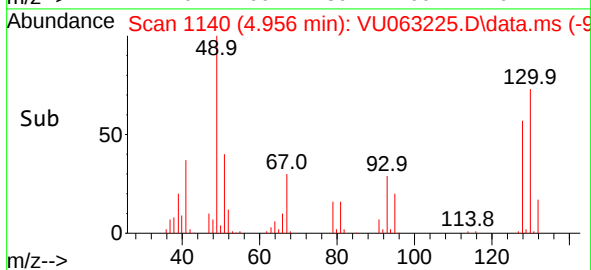
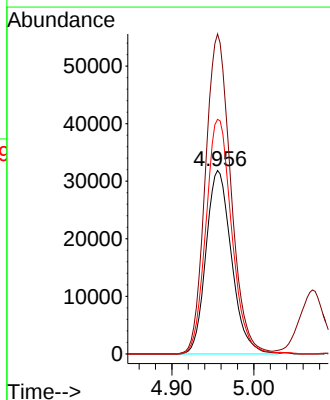
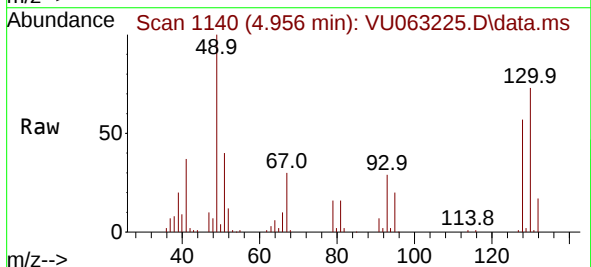
Manual Integrations
APPROVED

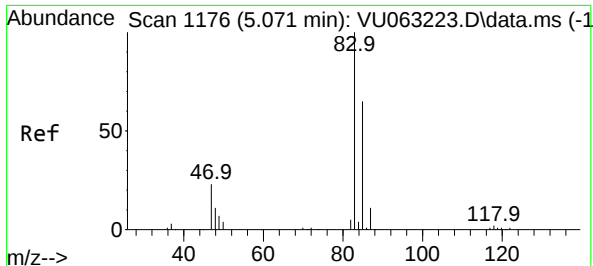
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#26
Bromochloromethane
Concen: 9.196 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Tgt Ion:128 Resp: 68843
Ion Ratio Lower Upper
128 100
49 173.8 0.0 343.4
130 129.8 102.9 154.3





#27

Chloroform

Concen: 10.089 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 83 Resp: 30422

Ion Ratio Lower Upper

83 100

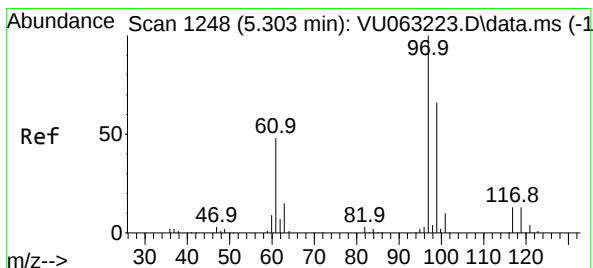
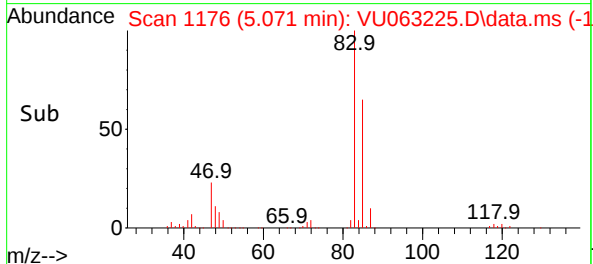
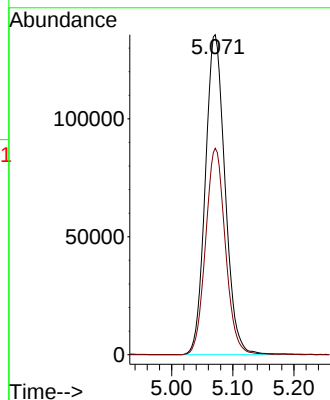
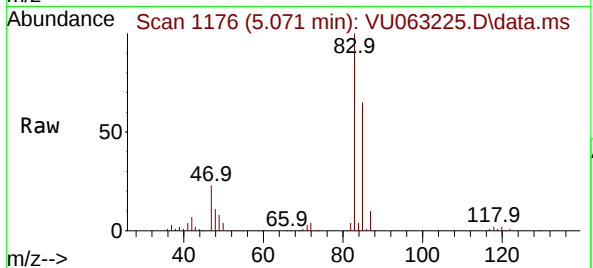
85 64.5 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 10.272 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

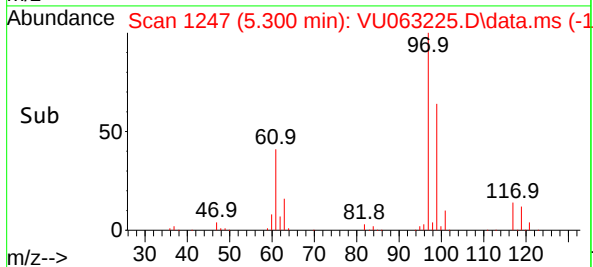
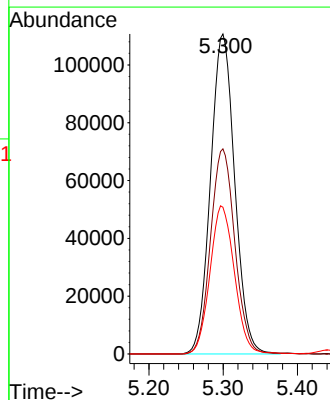
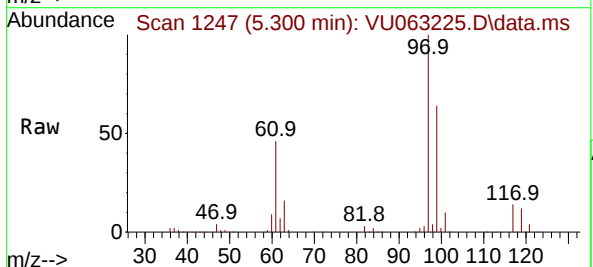
Tgt Ion: 97 Resp: 250902

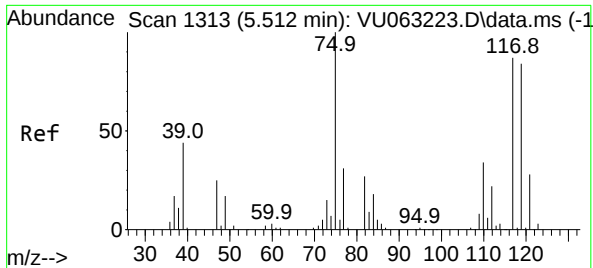
Ion Ratio Lower Upper

97 100

99 64.5 32.4 97.0

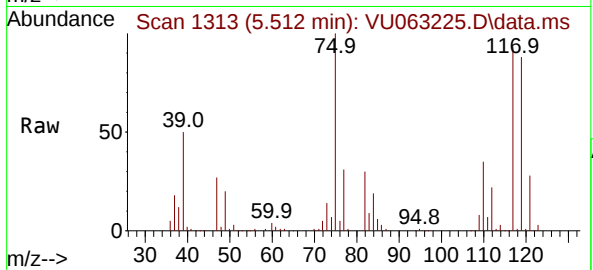
61 46.9 23.8 71.2





#29
1,1-Dichloropropene
Concen: 9.535 ug/l
RT: 5.512 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

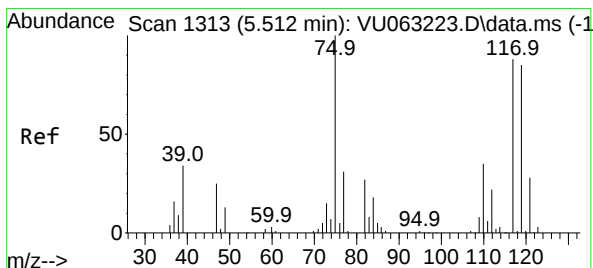
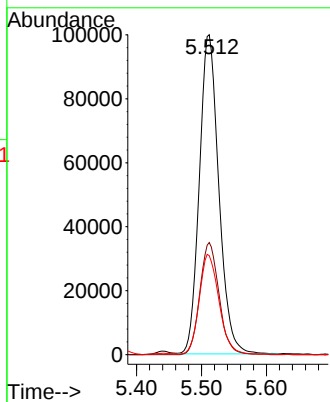
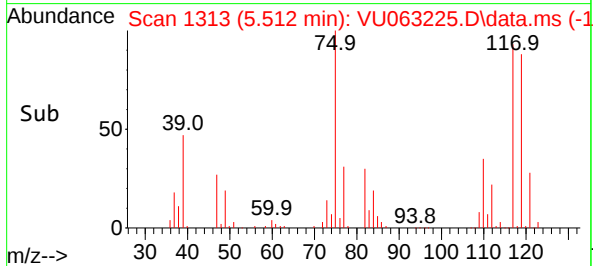
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



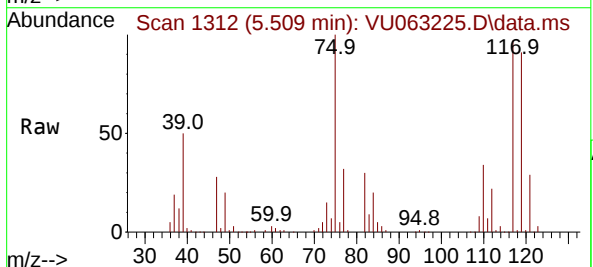
Tgt Ion: 75 Resp: 20860
Ion Ratio Lower Upper
75 100
110 34.6 17.2 51.5
77 31.6 24.6 37.0

Manual Integrations
APPROVED

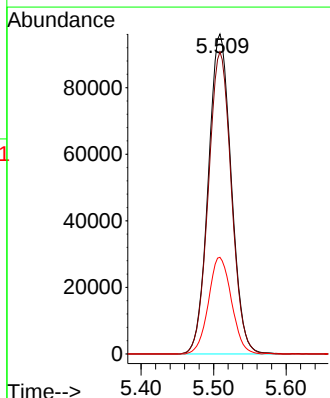
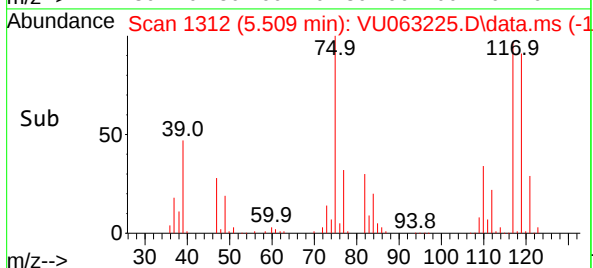
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

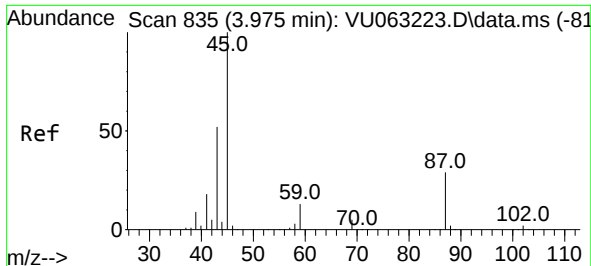


#30
Carbon Tetrachloride
Concen: 10.069 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



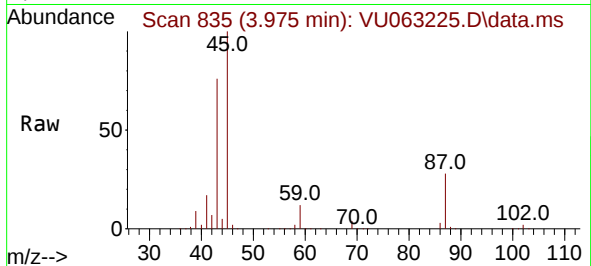
Tgt Ion:117 Resp: 210911
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1
121 30.2 25.5 38.3





#31
Isopropyl Ether
Concen: 11.684 ug/l
RT: 3.975 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

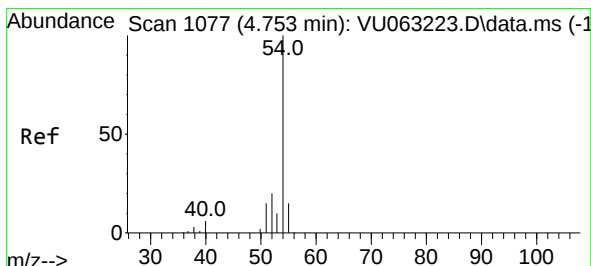
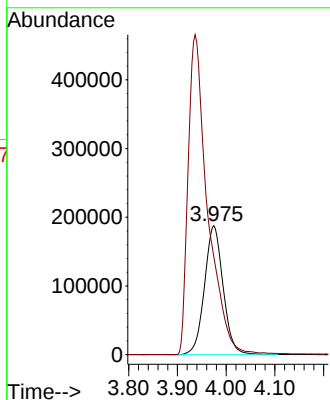
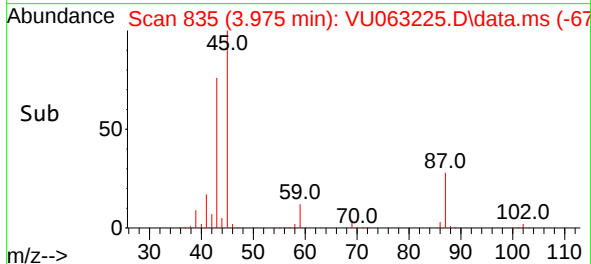
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



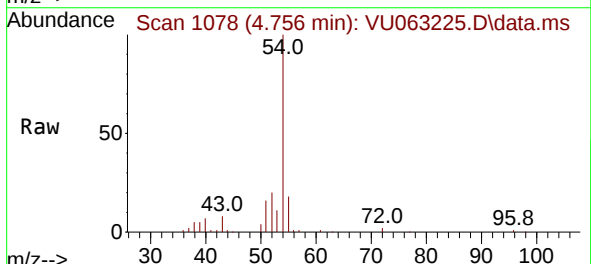
Tgt Ion: 45 Resp: 498428
Ion Ratio Lower Upper
45 100
43 260.1 25.7 77.1

Manual Integrations
APPROVED

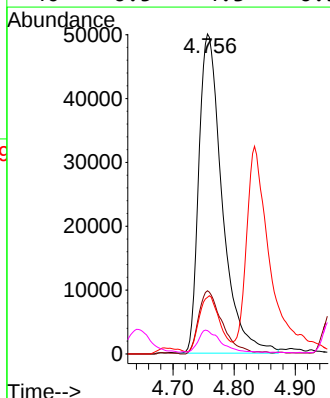
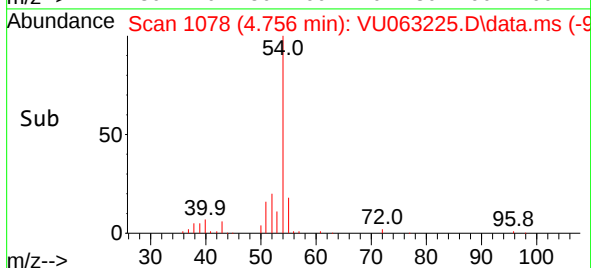
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

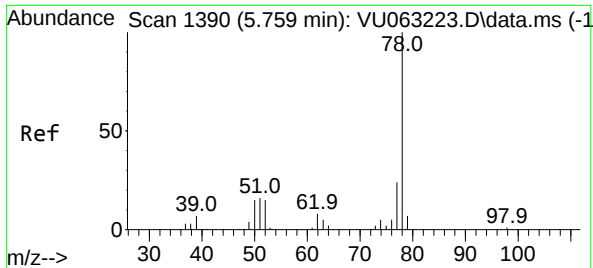


#34
Propionitrile
Concen: 112.251 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion: 54 Resp: 132730
Ion Ratio Lower Upper
54 100
52 19.8 16.3 24.5
55 16.1 11.8 17.6
40 6.5 4.3 6.5





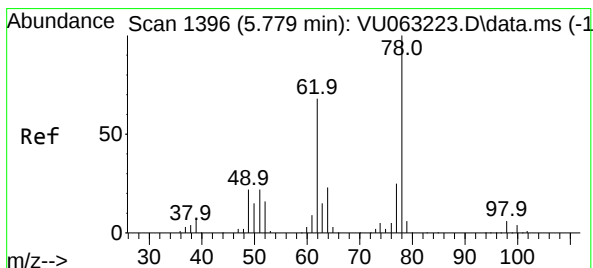
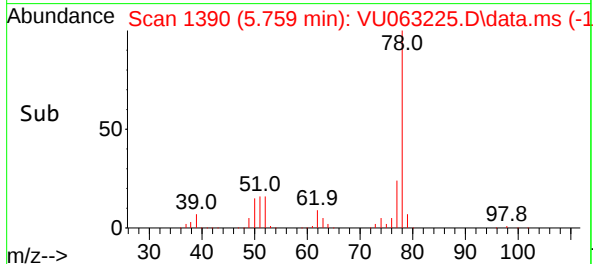
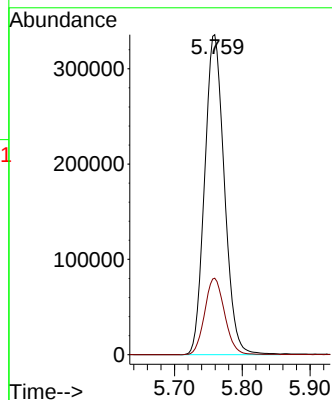
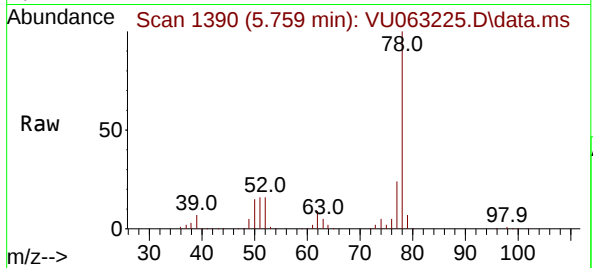
#35
Benzene
Concen: 10.081 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 78 Resp: 67814
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

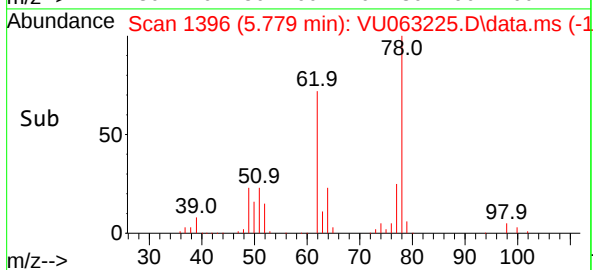
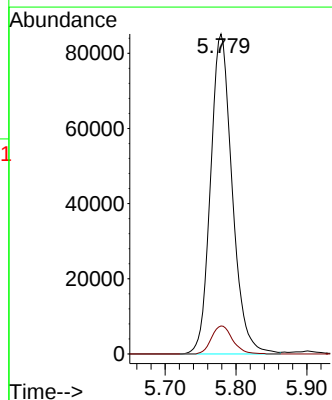
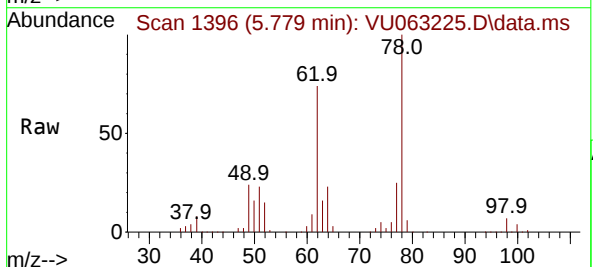
Manual Integrations
APPROVED

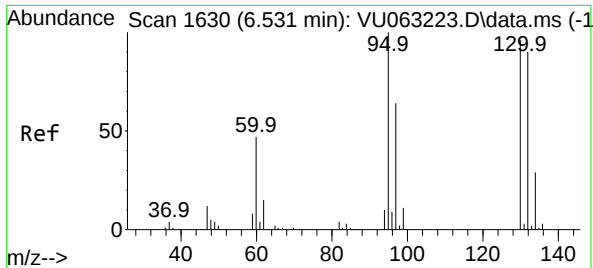
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 9.317 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

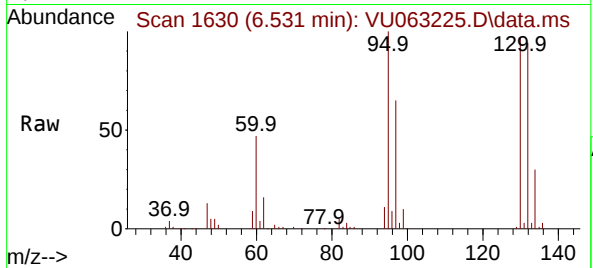
Tgt Ion: 62 Resp: 180895
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#37
Trichloroethene
Concen: 9.455 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

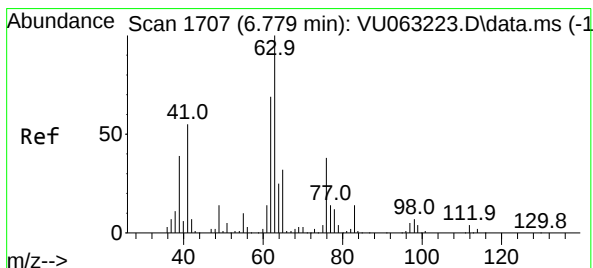
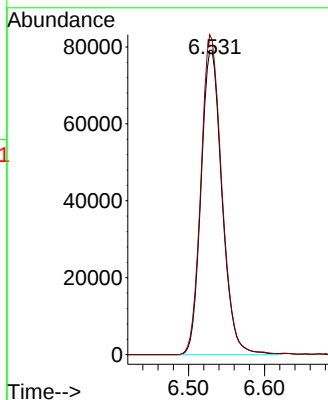
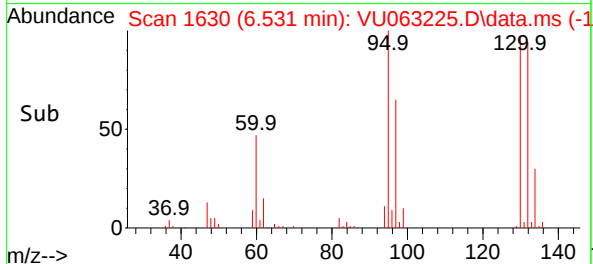
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



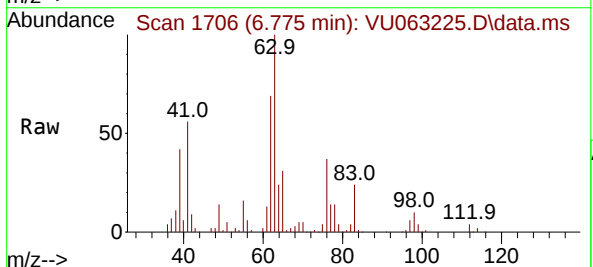
Tgt Ion:130 Resp: 15126
Ion Ratio Lower Upper
130 100
95 103.3 83.2 124.8

Manual Integrations
APPROVED

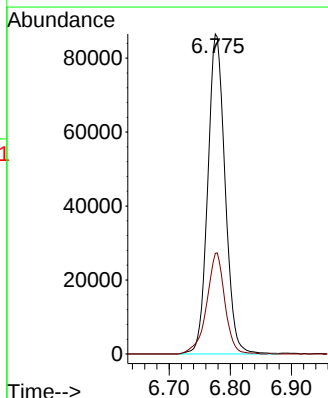
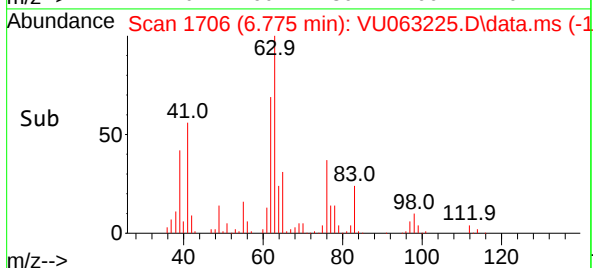
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

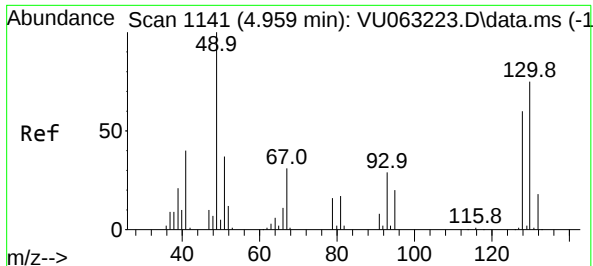


#38
1,2-Dichloropropane
Concen: 9.657 ug/l
RT: 6.775 min Scan# 1706
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion: 63 Resp: 170018
Ion Ratio Lower Upper
63 100
65 31.4 25.3 37.9





#39

Methacrylonitrile

Concen: 11.518 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 41 Resp: 5075

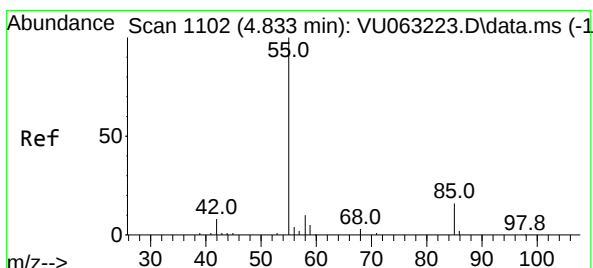
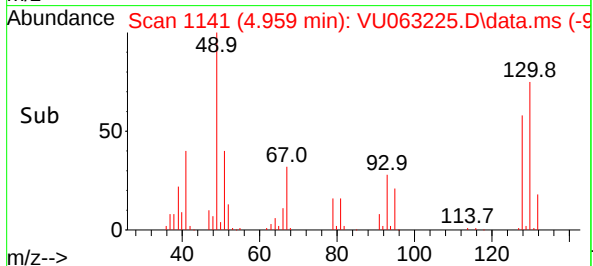
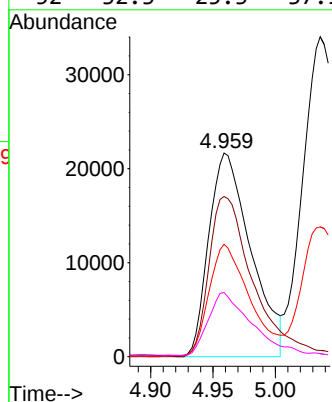
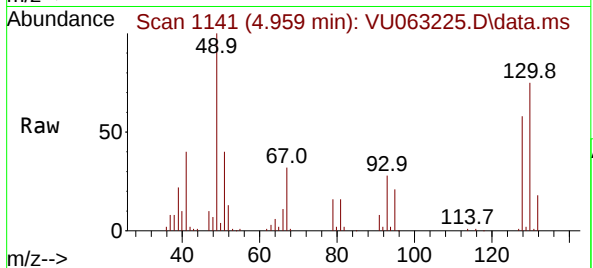
Ion	Ratio	Lower	Upper
41	100		
67	83.5	64.5	96.7
39	52.5	43.0	64.6
52	32.3	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 10.636 ug/l

RT: 4.833 min Scan# 1102

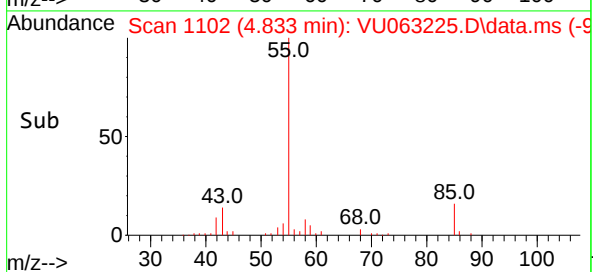
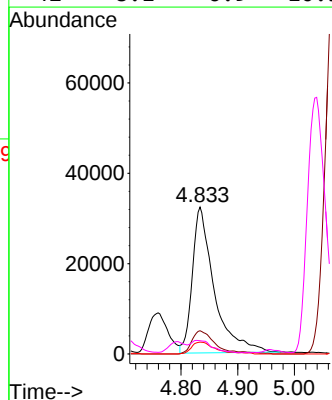
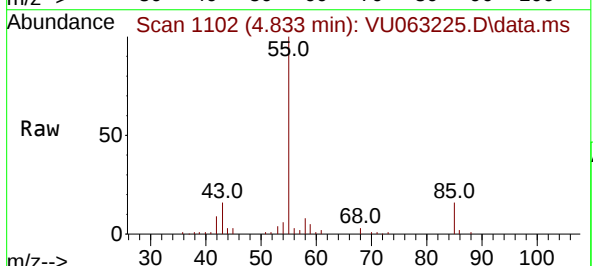
Delta R.T. 0.000 min

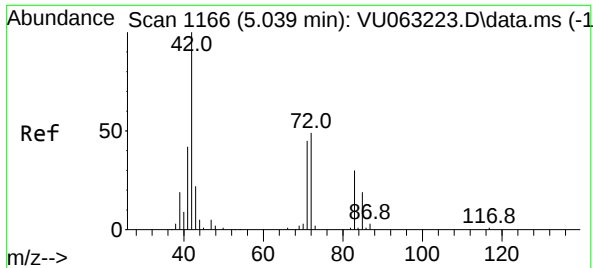
Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Tgt Ion: 55 Resp: 86382

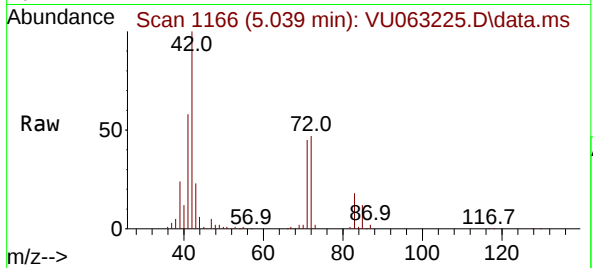
Ion	Ratio	Lower	Upper
55	100		
85	16.1	13.3	19.9
58	8.2	7.3	10.9
42	8.1	6.9	10.3





#41
Tetrahydrofuran
Concen: 51.903 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

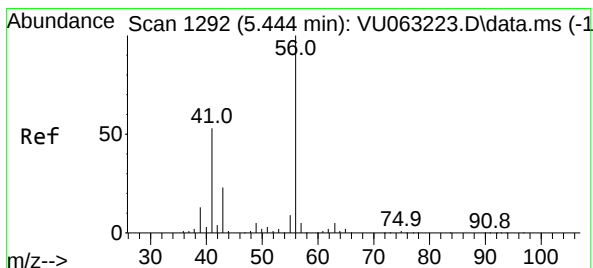
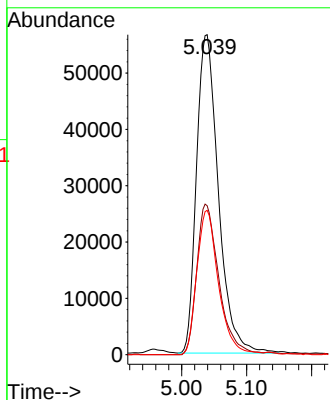
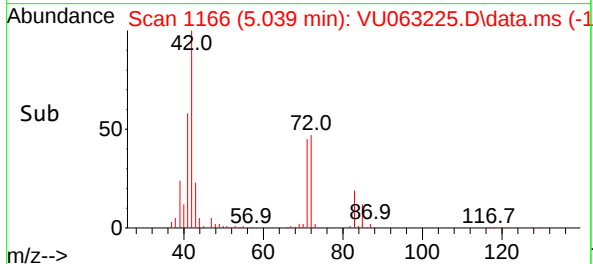
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



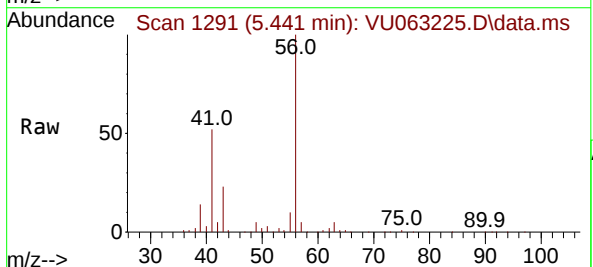
Tgt Ion: 42 Resp: 13302
Ion Ratio Lower Upper
42 100
72 47.8 41.5 62.3
71 44.8 37.2 55.8

Manual Integrations
APPROVED

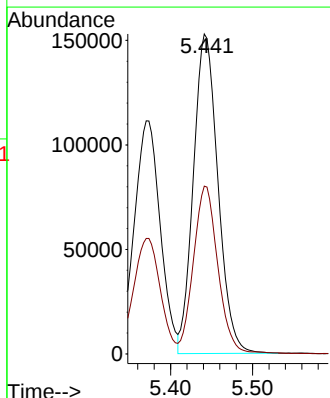
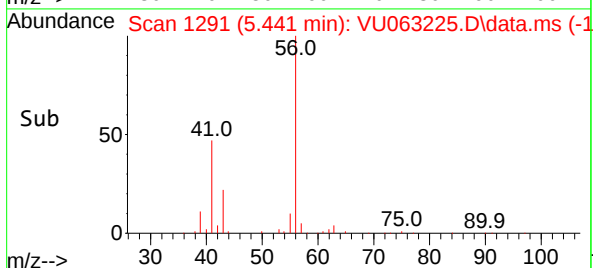
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

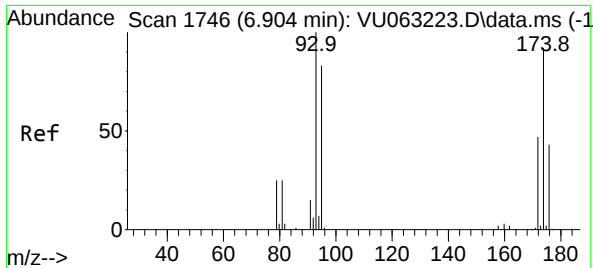


#42
1-Chlorobutane
Concen: 10.606 ug/l
RT: 5.441 min Scan# 1291
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



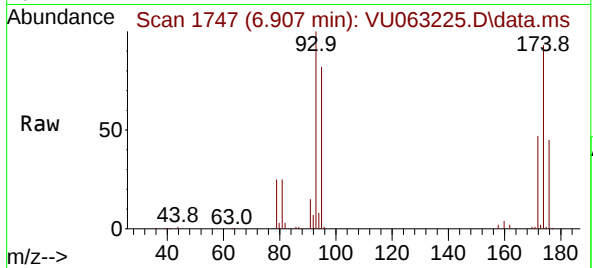
Tgt Ion: 56 Resp: 317470
Ion Ratio Lower Upper
56 100
41 52.1 26.3 78.8





#43
Dibromomethane
Concen: 9.800 ug/l
RT: 6.907 min Scan# 1746
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

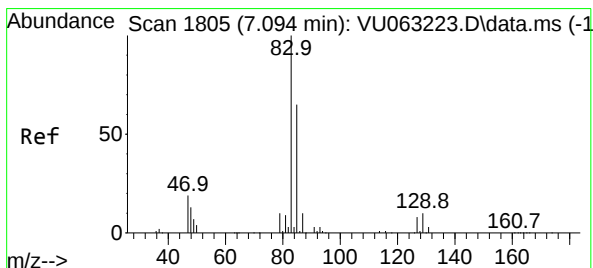
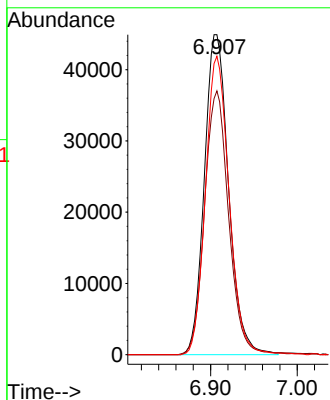
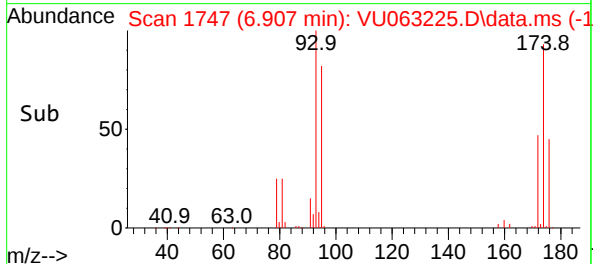
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



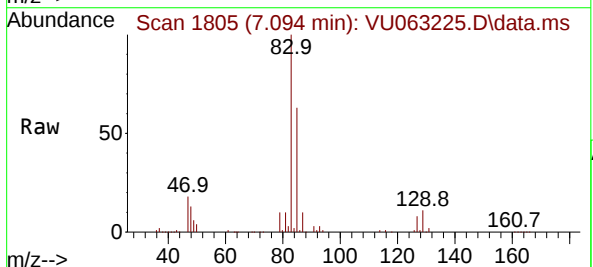
Tgt Ion: 93 Resp: 87369
Ion Ratio Lower Upper
93 100
95 81.9 67.2 100.8
174 91.4 75.7 113.5

Manual Integrations
APPROVED

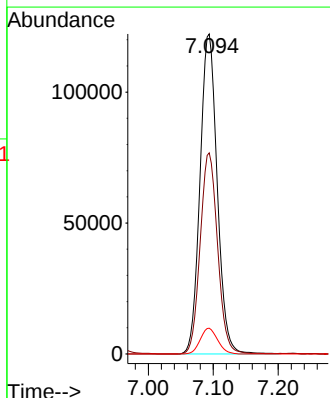
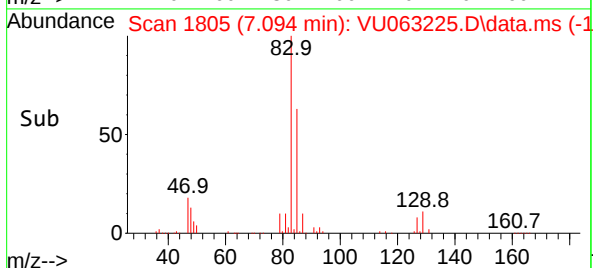
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

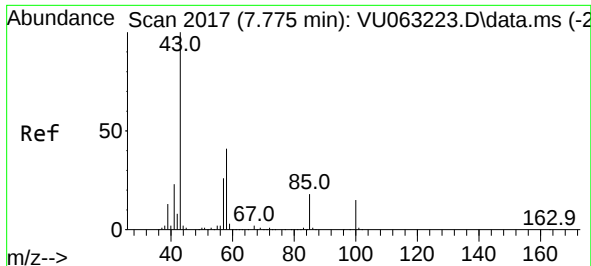


#44
Bromodichloromethane
Concen: 10.859 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



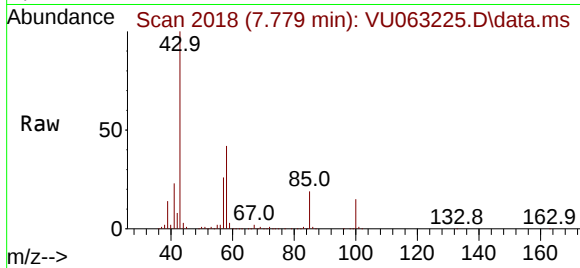
Tgt Ion: 83 Resp: 225336
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 8.0 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 55.614 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

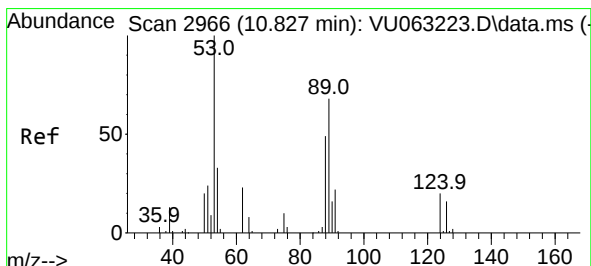
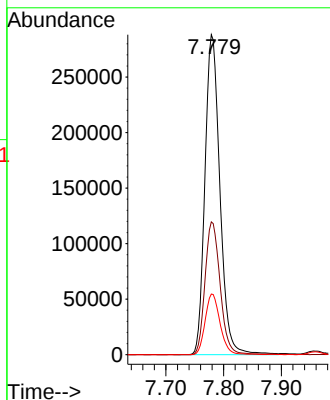
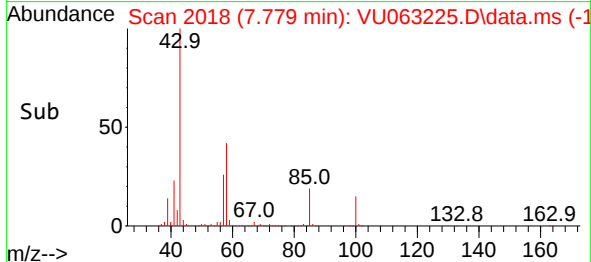
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 43 Resp: 51981
Ion Ratio Lower Upper
43 100
58 41.8 20.8 62.5
85 18.8 14.8 22.2

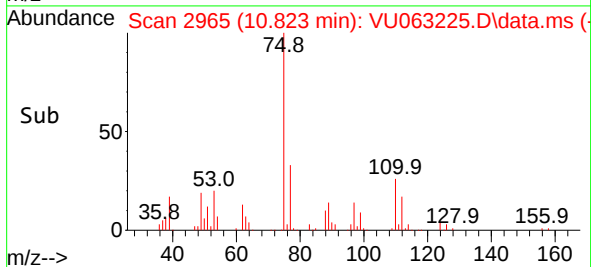
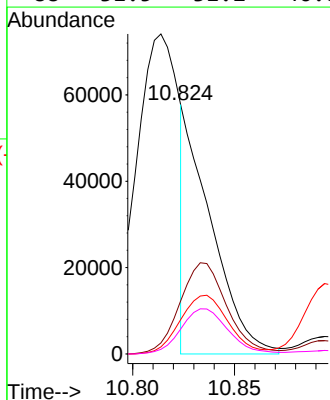
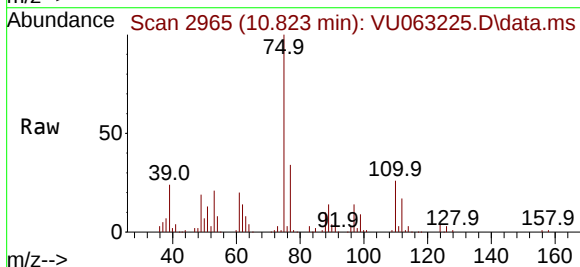
Manual Integrations
APPROVED

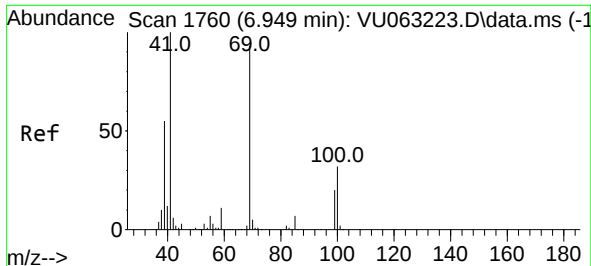
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 12.207 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Tgt Ion: 75 Resp: 53637
Ion Ratio Lower Upper
75 100
53 63.5 64.5 96.7#
89 41.6 43.4 65.2#
88 31.5 31.2 46.8





#47

Methyl methacrylate

Concen: 10.801 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. 0.003 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 69 Resp: 8110

Ion Ratio Lower Upper

69 100

41 104.9 0.0 217.0

39 57.5 47.7 71.5

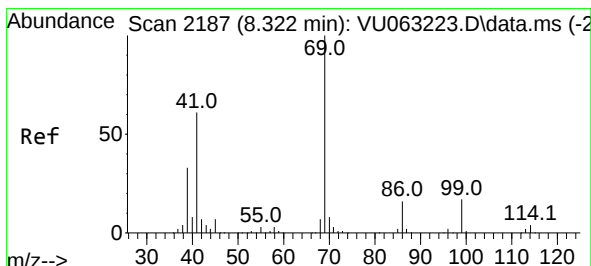
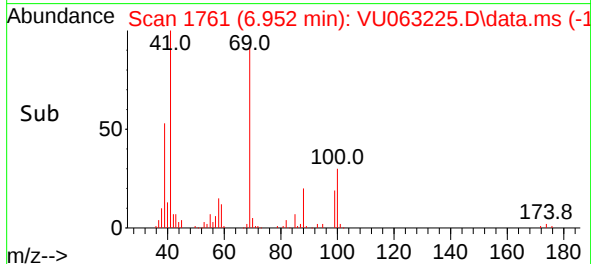
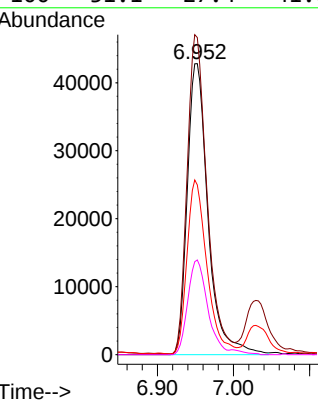
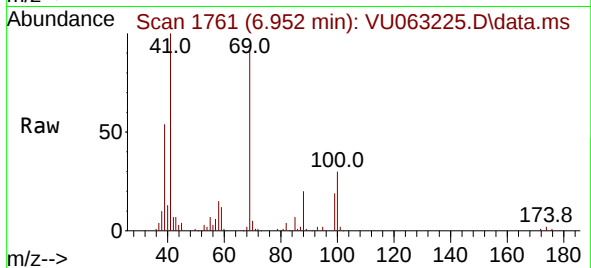
100 31.1 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 11.820 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063225.D

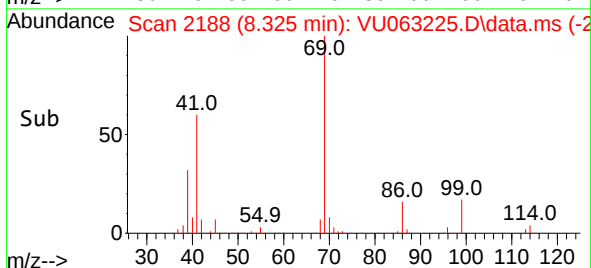
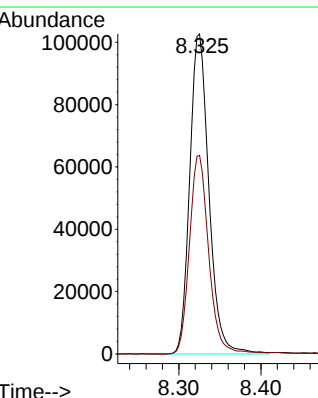
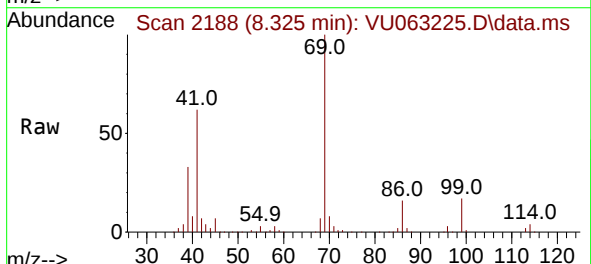
Acq: 10 Feb 2025 16:45

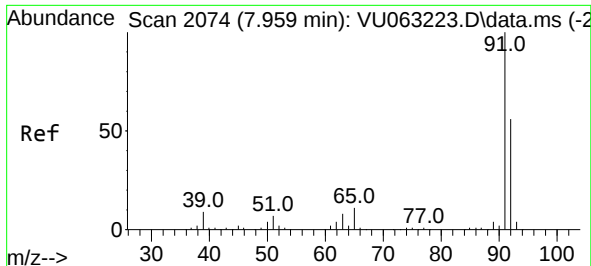
Tgt Ion: 69 Resp: 166665

Ion Ratio Lower Upper

69 100

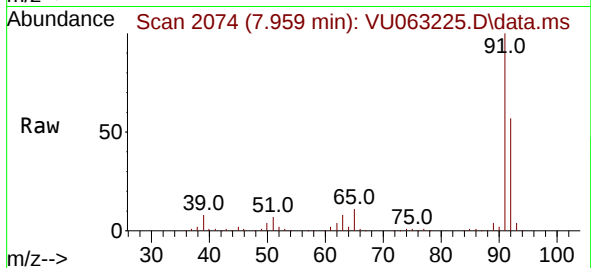
41 62.4 30.6 92.0





#49
Toluene
Concen: 10.739 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

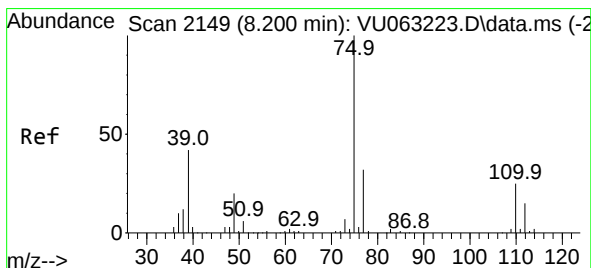
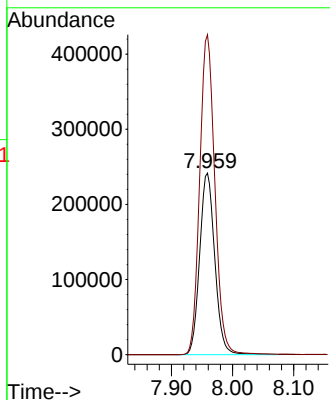
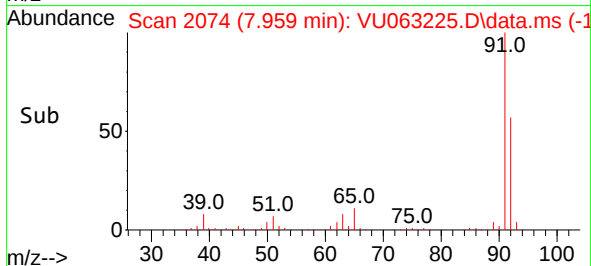
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 92 Resp: 415448
Ion Ratio Lower Upper
92 100
91 176.7 141.8 212.6

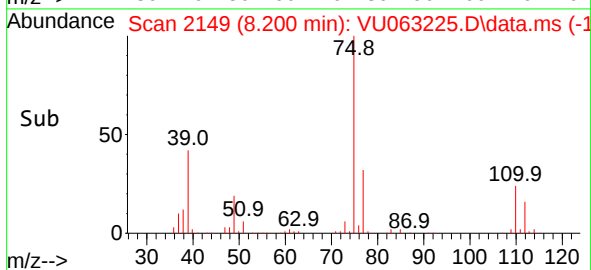
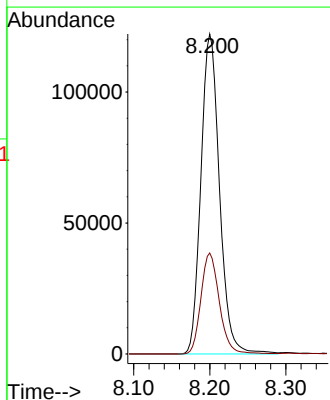
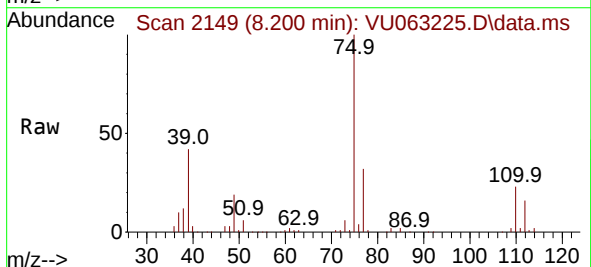
Manual Integrations
APPROVED

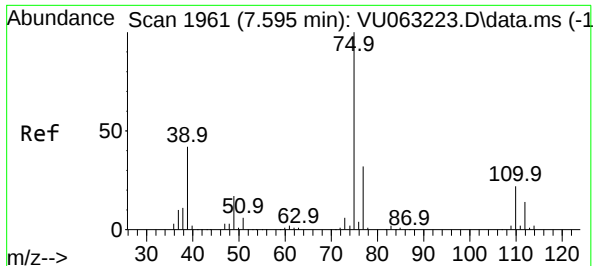
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
t-1,3-Dichloropropene
Concen: 10.914 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

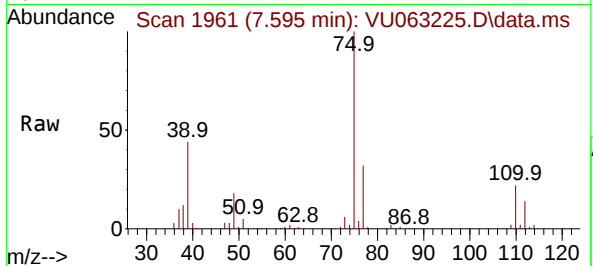
Tgt Ion: 75 Resp: 207350
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.315 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

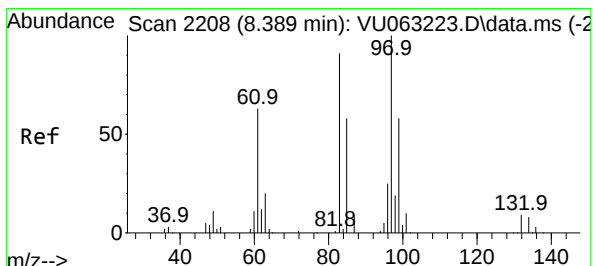
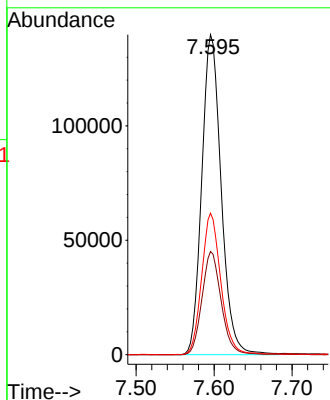
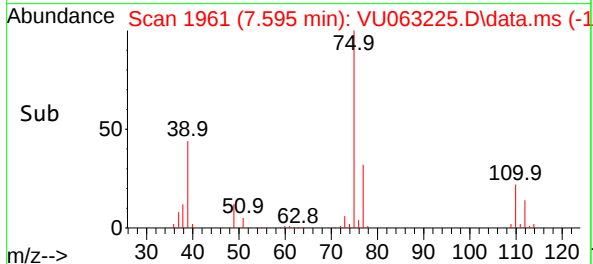
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025



Tgt Ion: 75 Resp: 242070
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 44.2 33.5 50.3

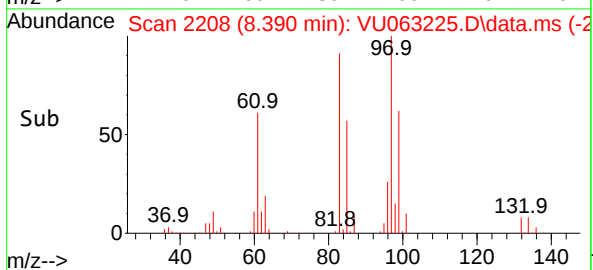
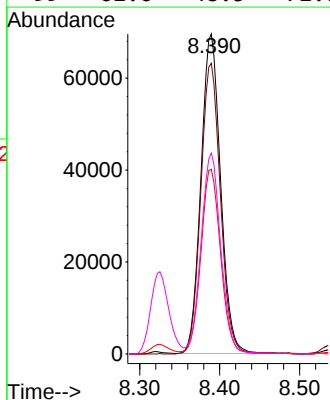
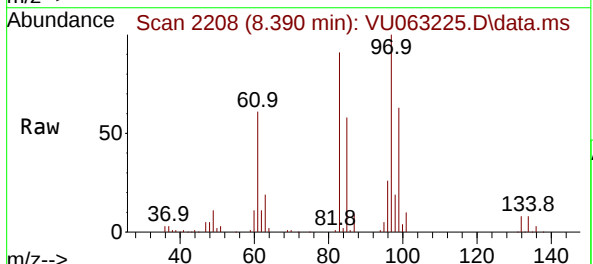
Manual Integrations
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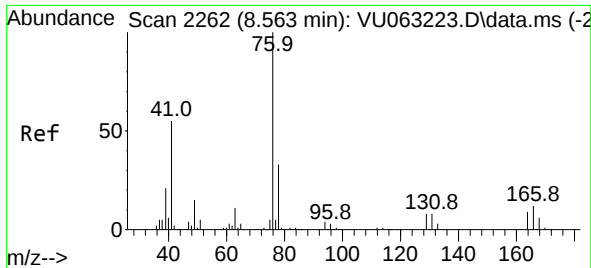
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 9.902 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

Tgt Ion: 97 Resp: 119029
 Ion Ratio Lower Upper
 97 100
 83 90.8 73.0 109.4
 85 57.6 46.3 69.5
 99 62.6 48.5 72.7





#53

1,3-Dichloropropane

Concen: 9.732 ug/l

RT: 8.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 76 Resp: 207689

Ion Ratio Lower Upper

76 100

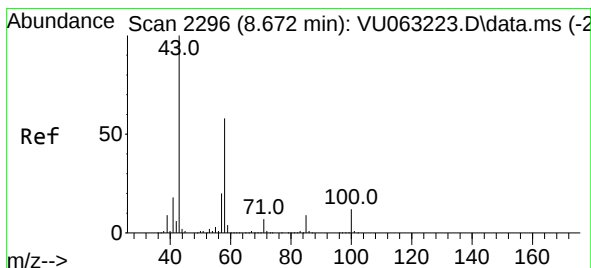
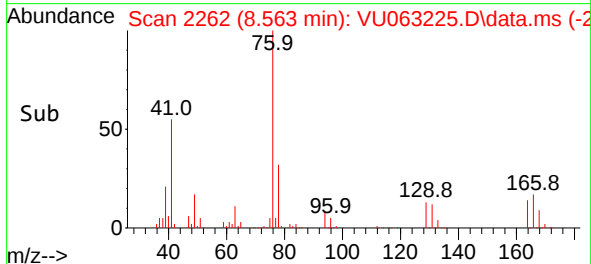
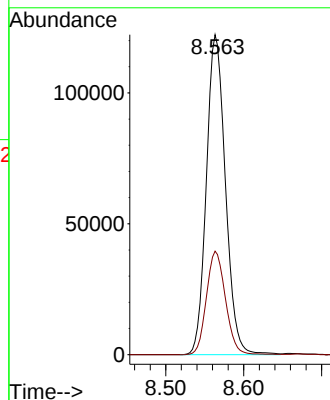
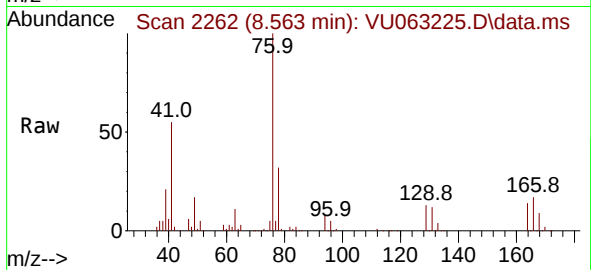
78 32.4 26.3 39.5

Manual Integrations

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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#54

2-Hexanone

Concen: 57.943 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

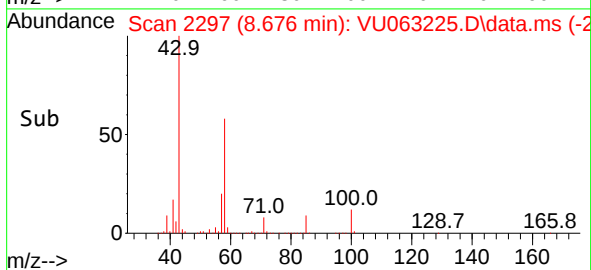
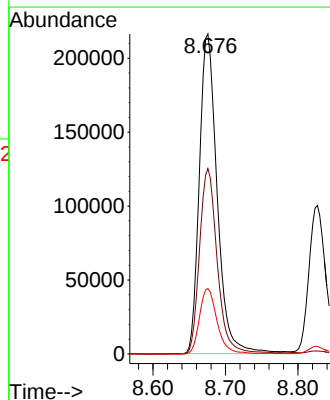
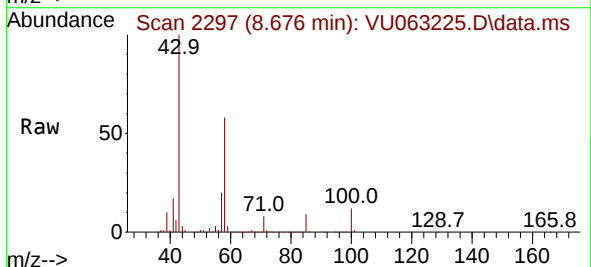
Tgt Ion: 43 Resp: 369589

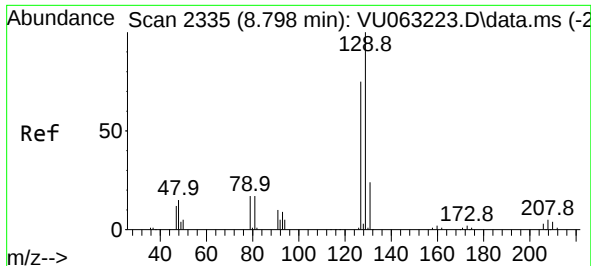
Ion Ratio Lower Upper

43 100

58 57.8 38.0 78.0

57 20.2 0.0 39.1





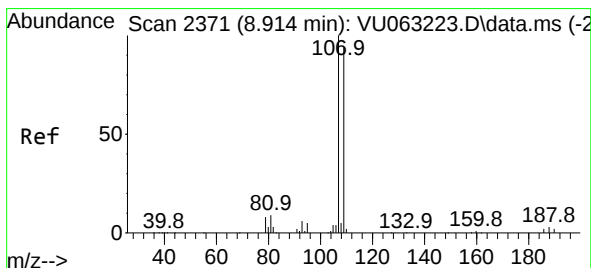
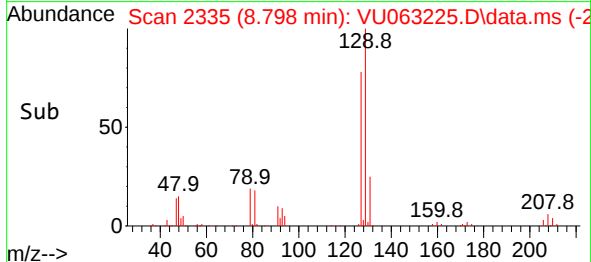
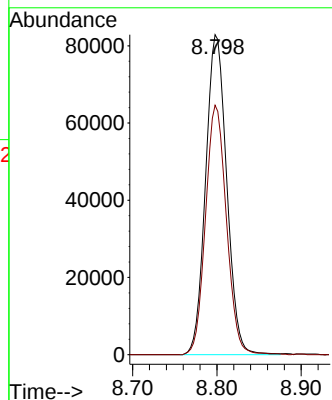
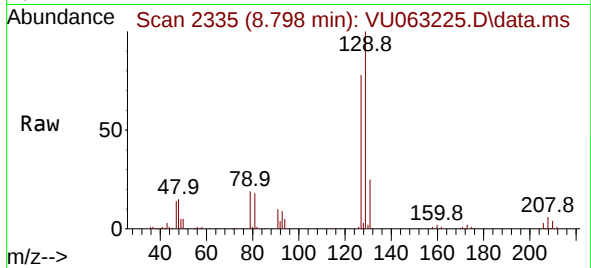
#55
Dibromochloromethane
Concen: 10.441 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion:129 Resp: 14439
Ion Ratio Lower Upper
129 100
127 77.3 60.4 90.6

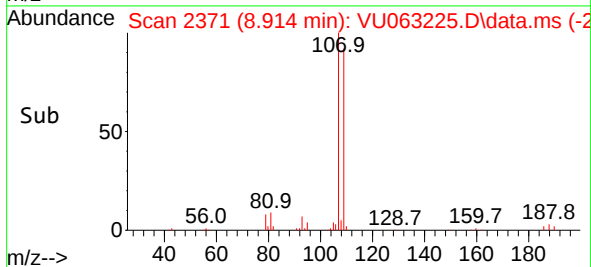
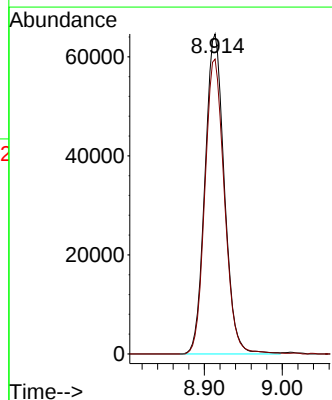
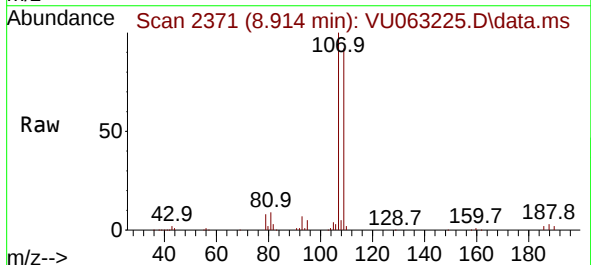
Manual Integrations
APPROVED

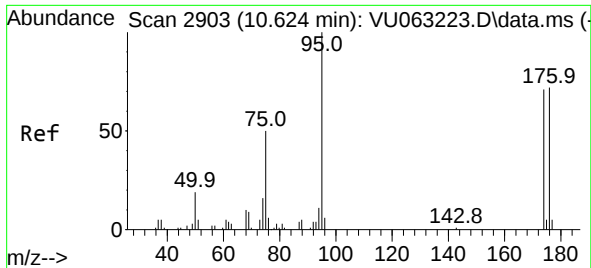
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 9.891 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

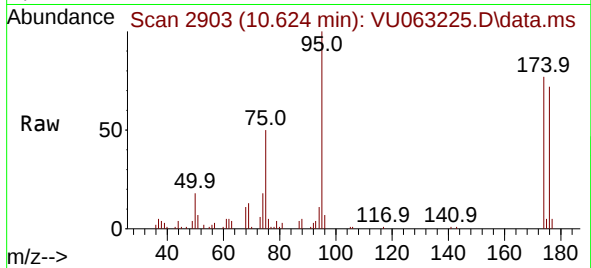
Tgt Ion:107 Resp: 111510
Ion Ratio Lower Upper
107 100
109 93.0 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.287 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

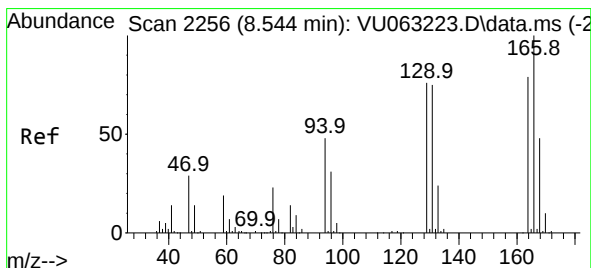
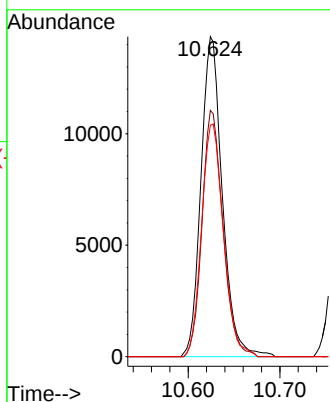
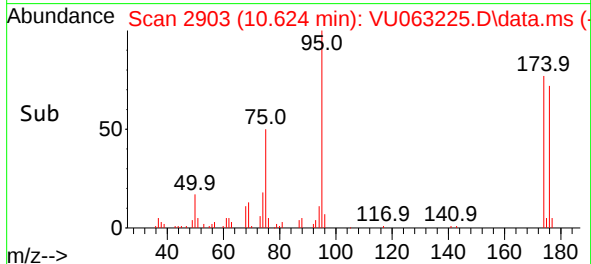
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



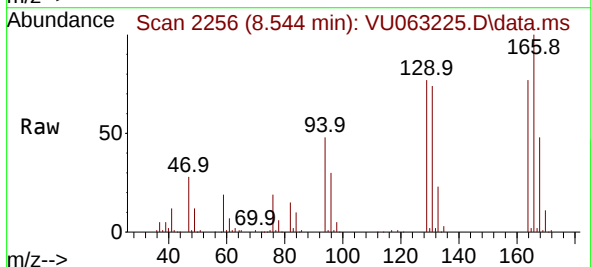
Tgt Ion: 95 Resp: 2324
Ion Ratio Lower Upper
95 100
174 75.2 58.6 88.0
176 74.4 58.2 87.4

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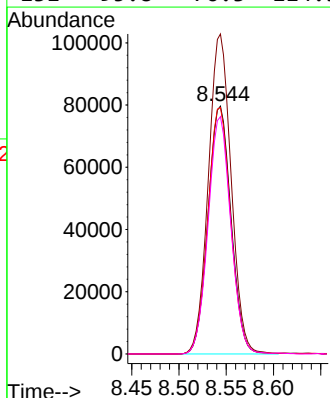
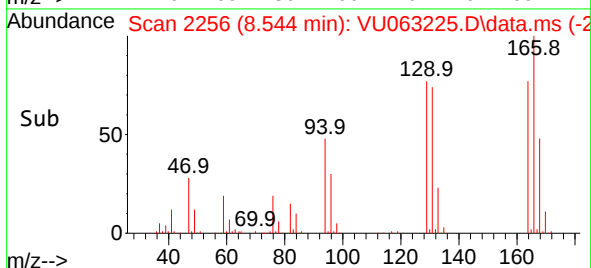
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

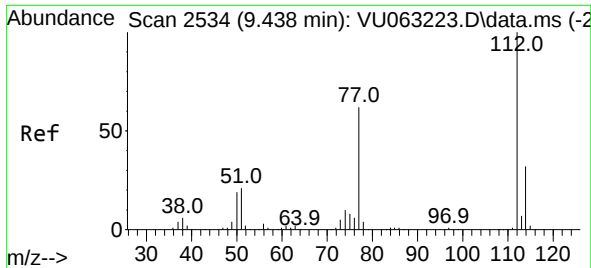


#58
Tetrachloroethene
Concen: 10.255 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



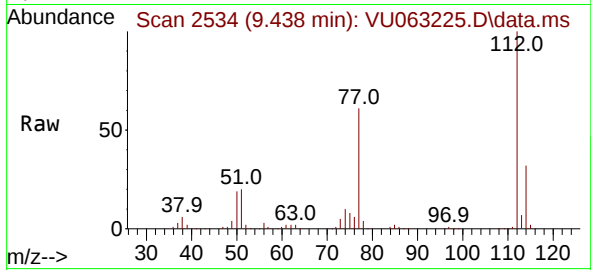
Tgt Ion:164 Resp: 135201
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.0
129 99.4 77.0 115.4
131 95.8 76.3 114.5





#59
Chlorobenzene
Concen: 10.678 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

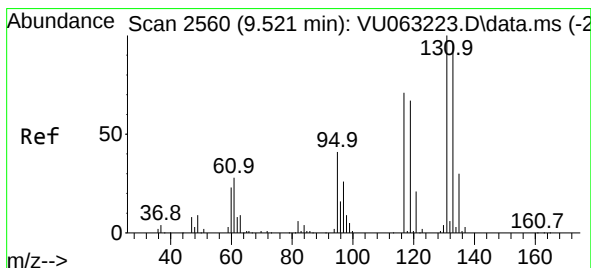
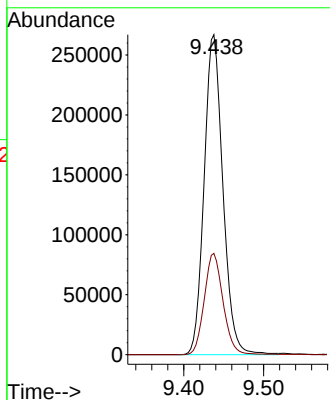
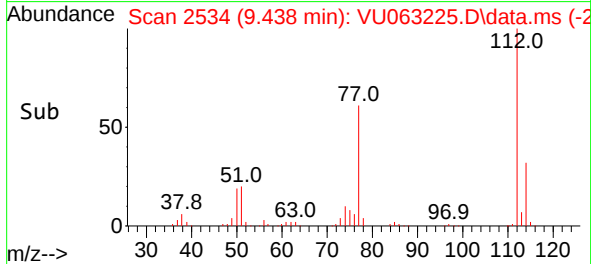
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



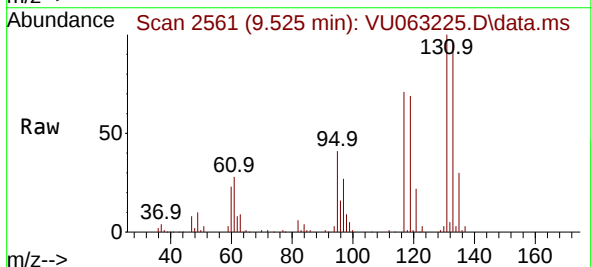
Tgt Ion:112 Resp: 43588
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

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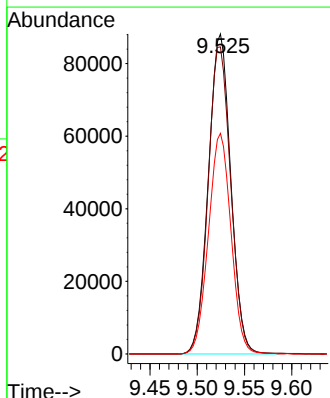
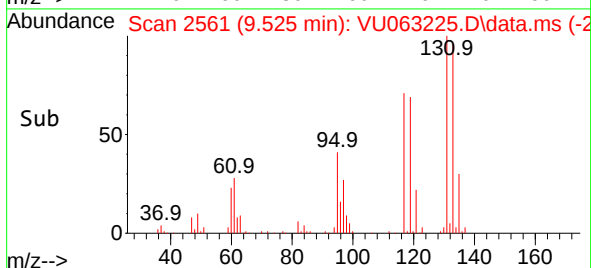
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

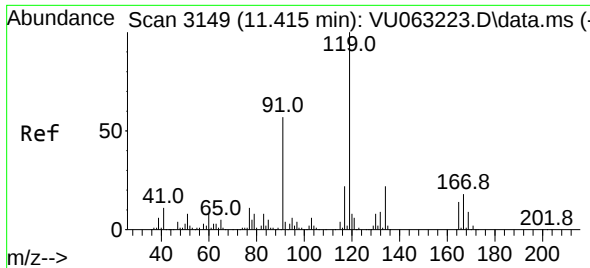


#60
1,1,1,2-Tetrachloroethane
Concen: 9.912 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion:131 Resp: 145439
Ion Ratio Lower Upper
131 100
133 96.9 76.7 115.1
119 69.2 54.4 81.6





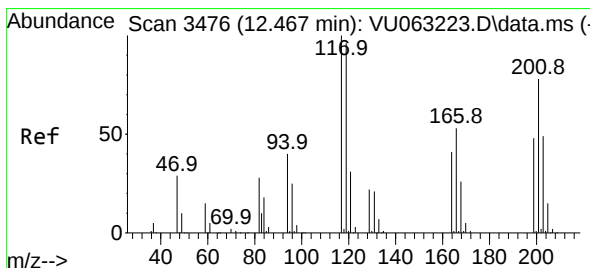
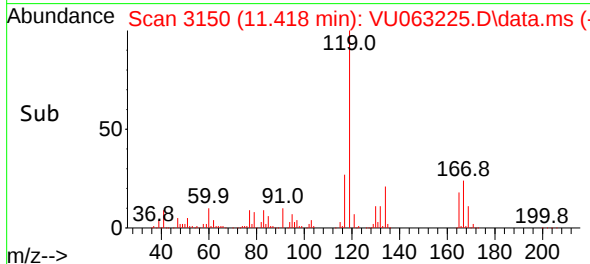
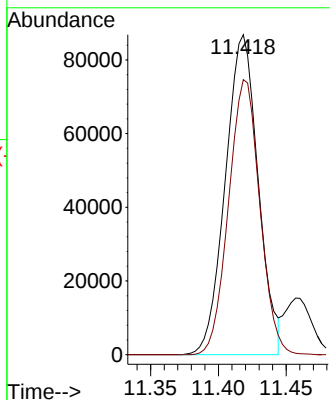
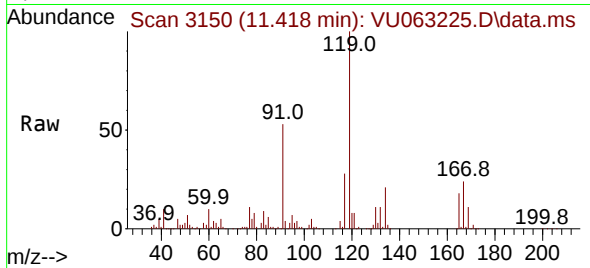
#61
 Pentachloroethane
 Concen: 11.159 ug/l
 RT: 11.418 min Scan# 3149
 Delta R.T. 0.003 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025

Tgt Ion:117 Resp: 14627
 Ion Ratio Lower Upper
 117 100
 167 81.8 65.0 97.6

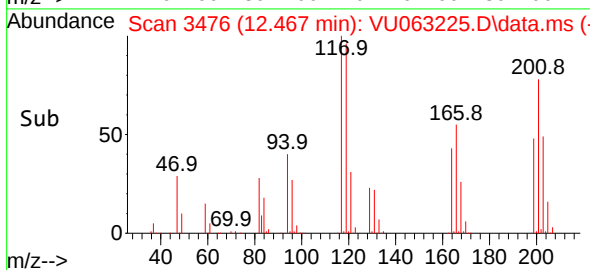
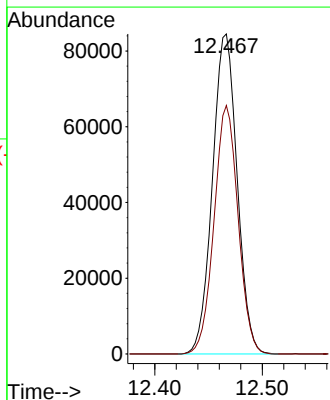
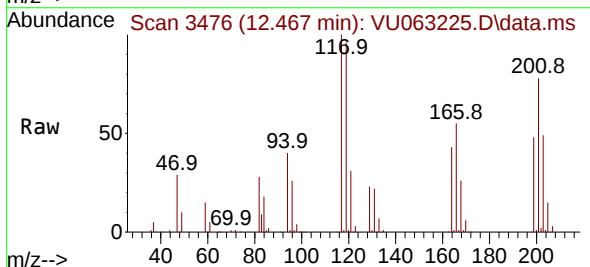
Manual Integrations
 APPROVED

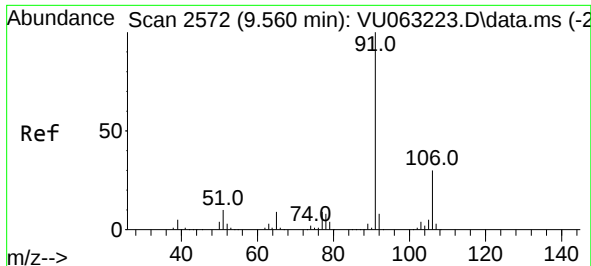
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#62
 Hexachloroethane
 Concen: 11.642 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

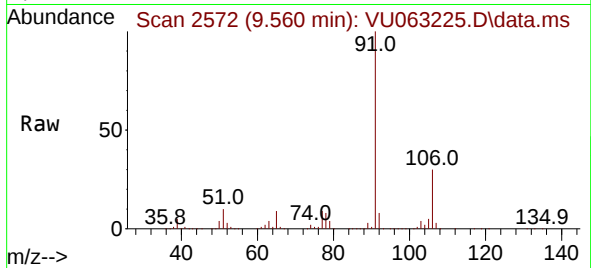
Tgt Ion:117 Resp: 135009
 Ion Ratio Lower Upper
 117 100
 201 75.6 61.3 91.9





#63
Ethyl Benzene
Concen: 11.289 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

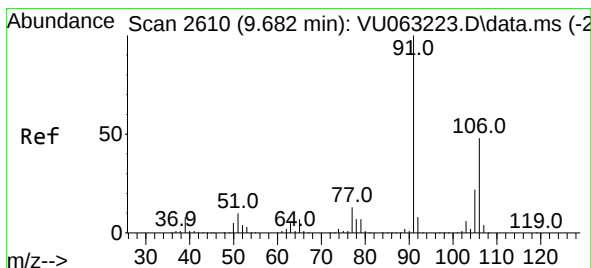
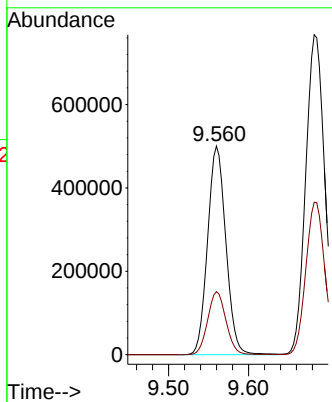
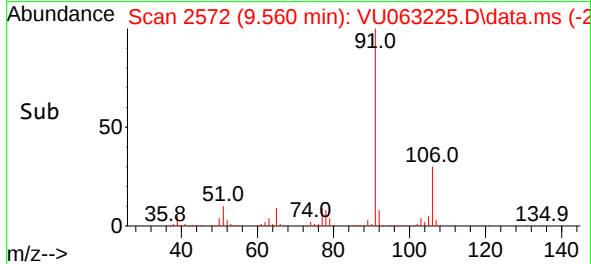
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



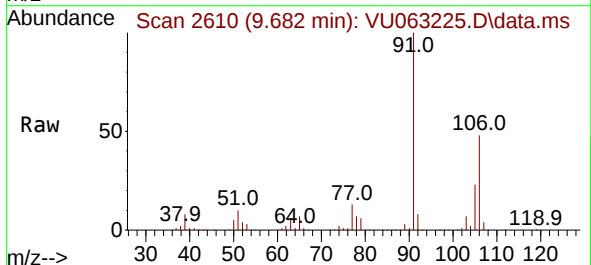
Tgt Ion: 91 Resp: 79479
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

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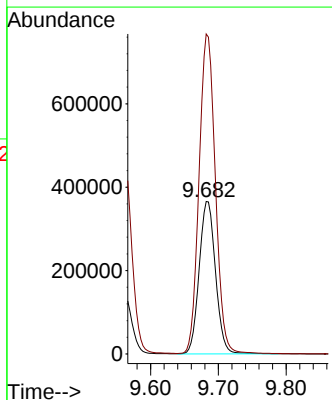
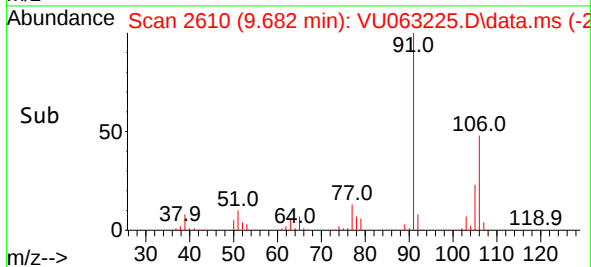
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

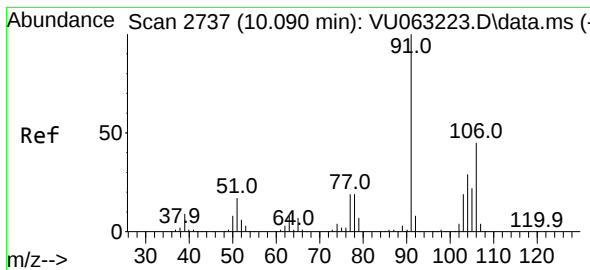


#64
m/p-Xylenes
Concen: 23.222 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion:106 Resp: 610698
Ion Ratio Lower Upper
106 100
91 210.4 166.9 250.3





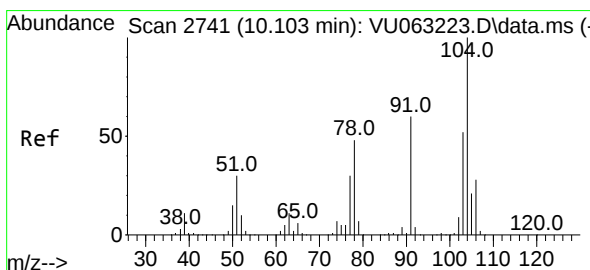
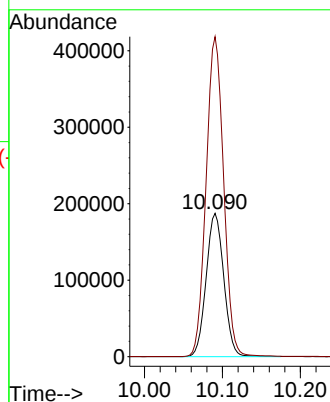
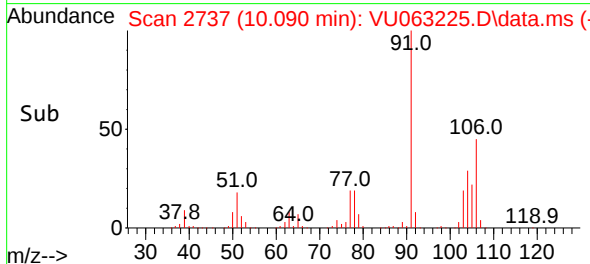
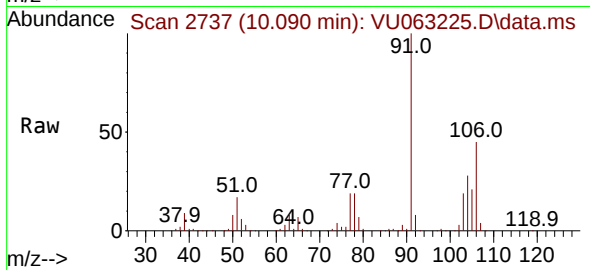
#65
o-Xylene
Concen: 11.453 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion:106 Resp: 294864
Ion Ratio Lower Upper
106 100
91 221.8 110.9 332.9

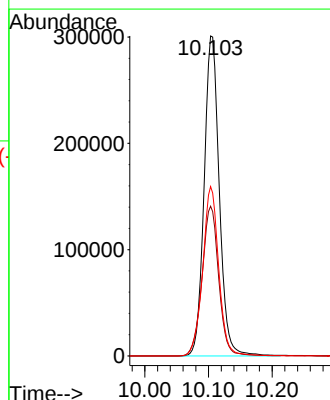
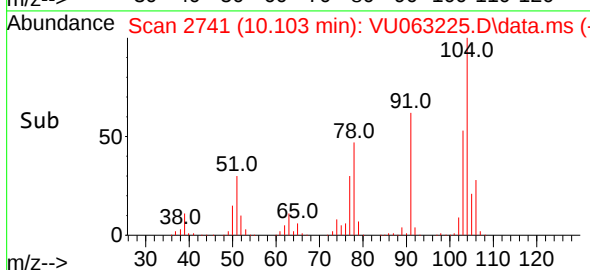
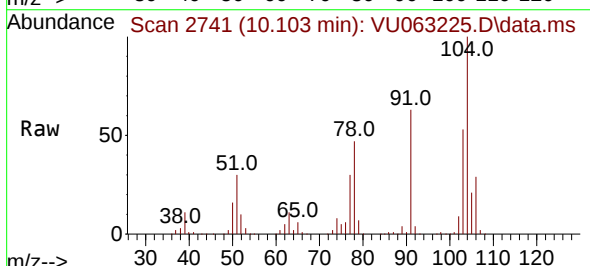
Manual Integrations
APPROVED

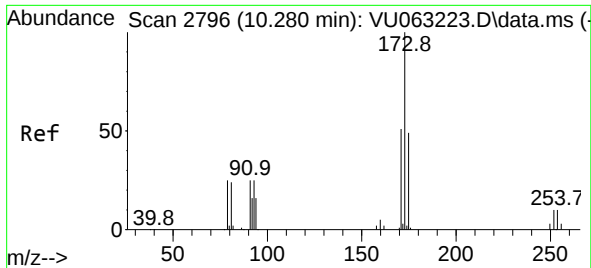
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 12.190 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

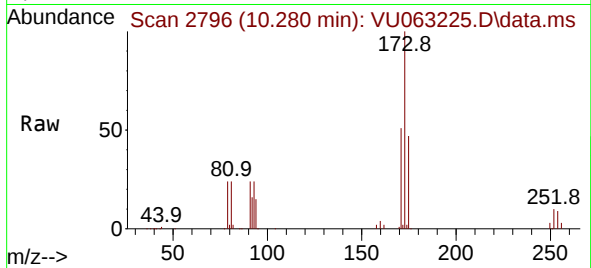
Tgt Ion:104 Resp: 499423
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 55.8 44.8 67.2





#67
Bromoform
Concen: 11.146 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

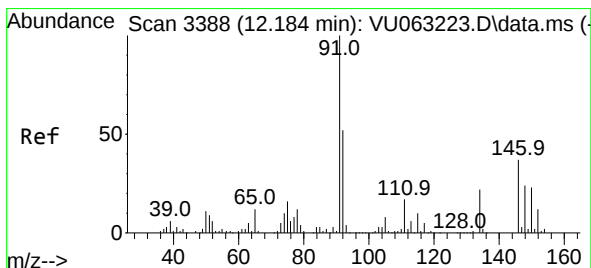
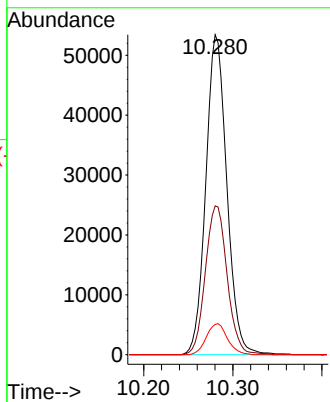
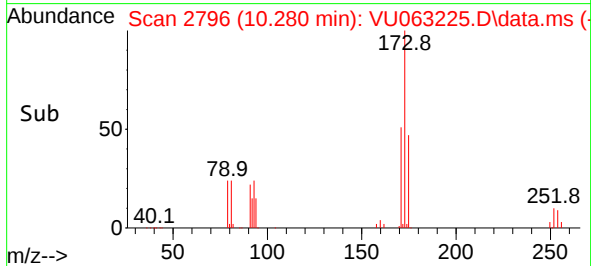
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



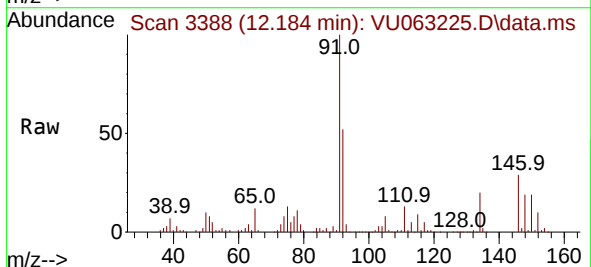
Tgt Ion:173 Resp: 8748
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 9.7 7.7 11.5

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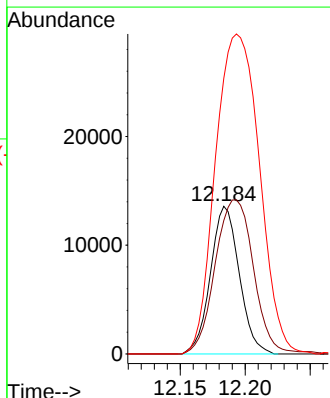
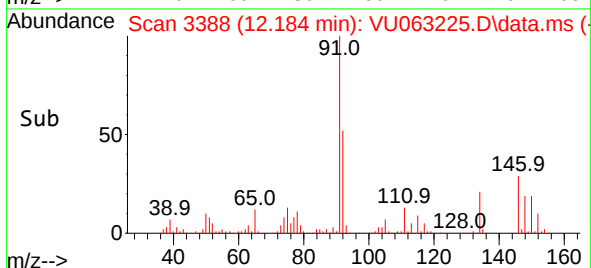
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

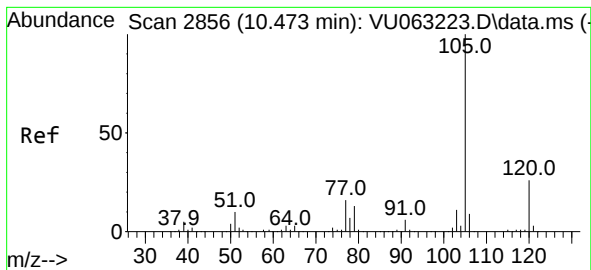


#68
1,2-Dichlorobenzene-d4
Concen: 1.115 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion:152 Resp: 20943
Ion Ratio Lower Upper
152 100
115 139.6 0.0 275.2
150 331.3 0.0 658.4





#69

Isopropylbenzene

Concen: 12.848 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion:105 Resp: 777638

Ion Ratio Lower Upper

105 100

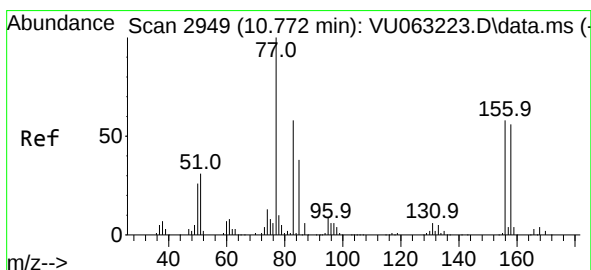
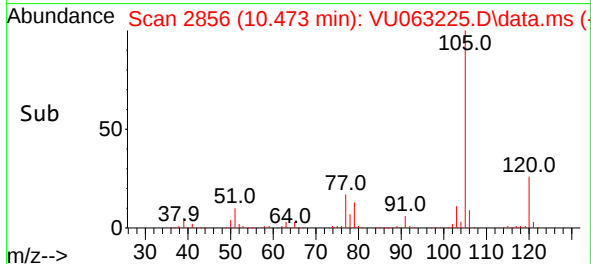
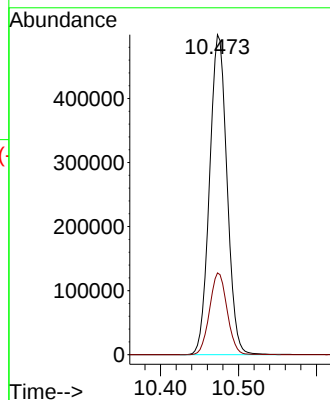
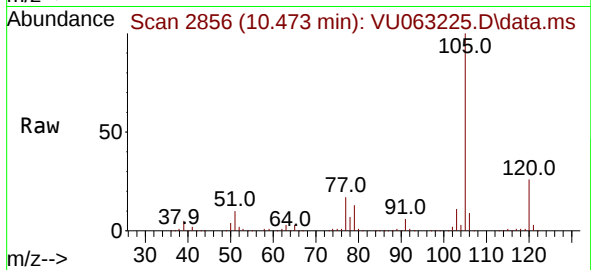
120 25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.491 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

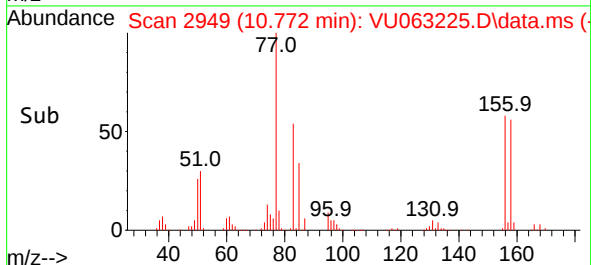
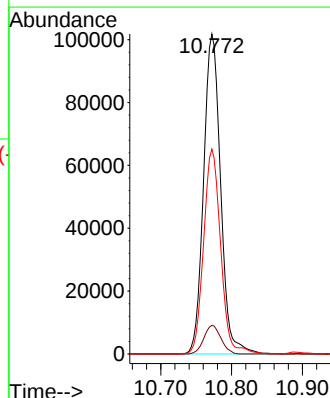
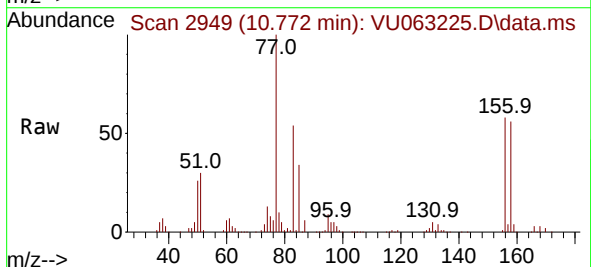
Tgt Ion: 83 Resp: 169972

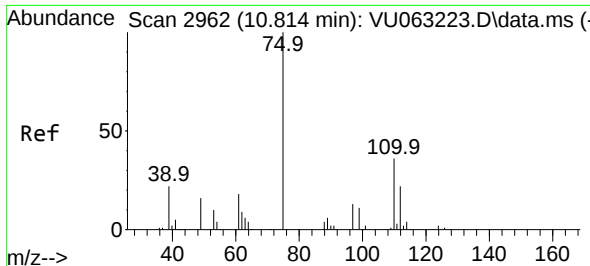
Ion Ratio Lower Upper

83 100

131 8.9 7.4 11.0

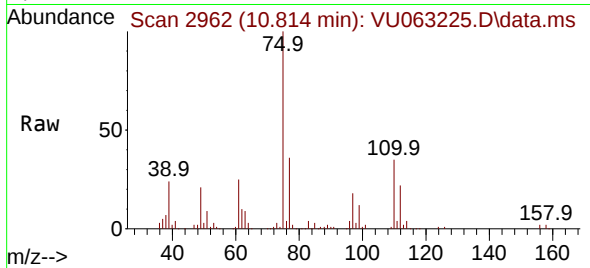
85 64.0 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 9.872 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

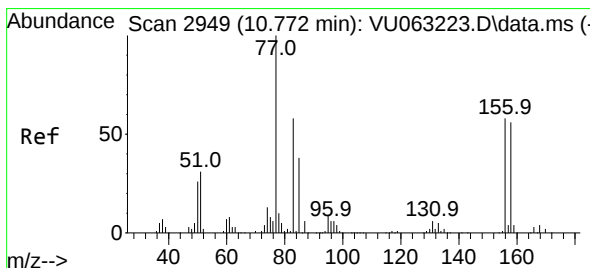
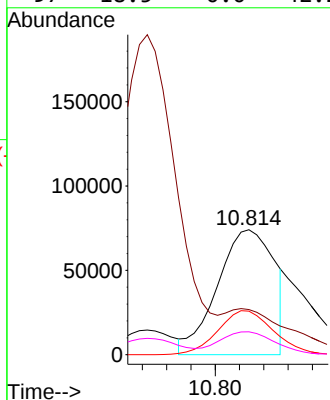
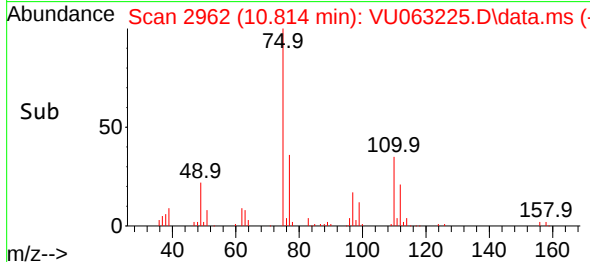
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



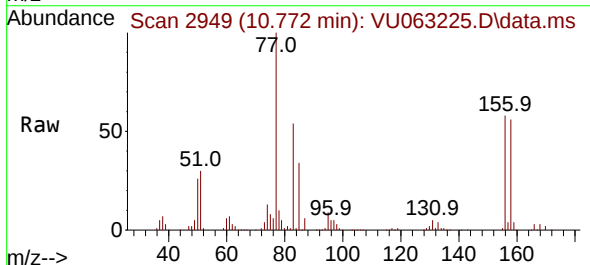
Tgt Ion: 75 Resp: 12016
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.7 0.0 77.0
97 18.5 0.0 42.2

Manual Integrations
APPROVED

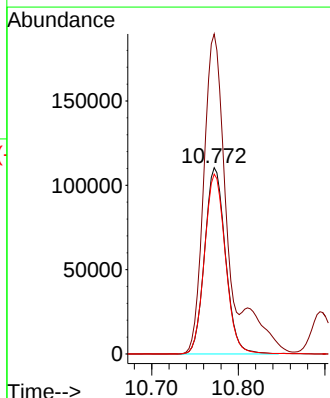
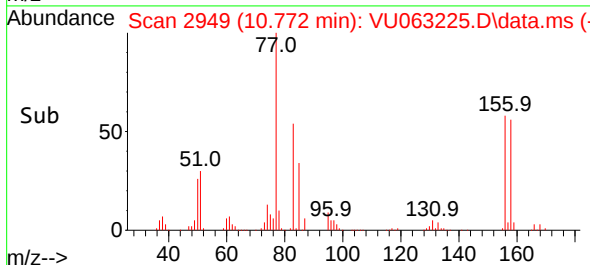
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

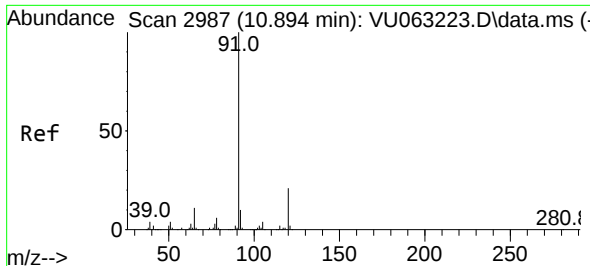


#72
Bromobenzene
Concen: 11.275 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



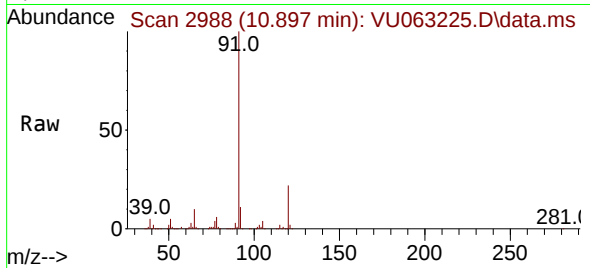
Tgt Ion:156 Resp: 183865
Ion Ratio Lower Upper
156 100
77 171.5 0.0 343.6
158 97.6 0.0 193.0





#73
n-propylbenzene
Concen: 12.145 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

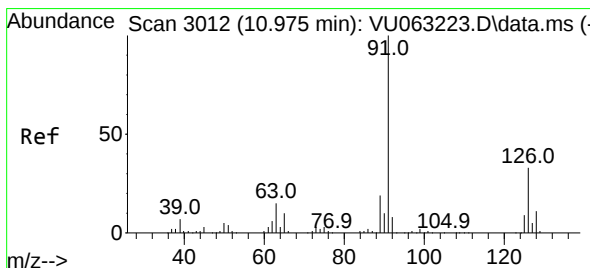
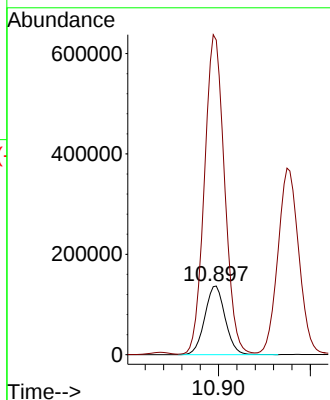
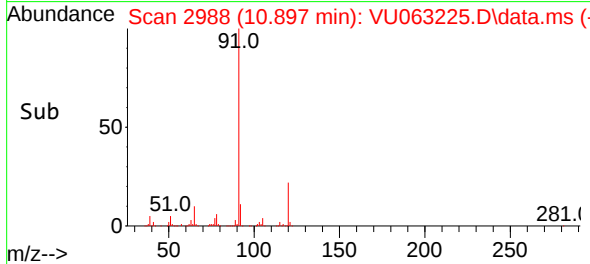
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion:120 Resp: 21046
Ion Ratio Lower Upper
120 100
91 460.3 369.8 554.6

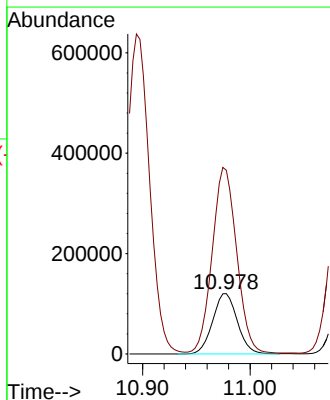
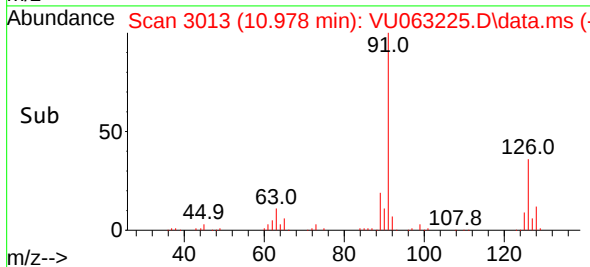
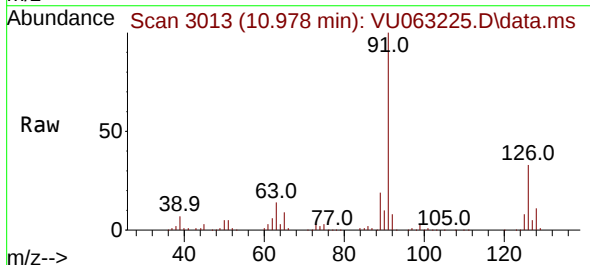
Manual Integrations
APPROVED

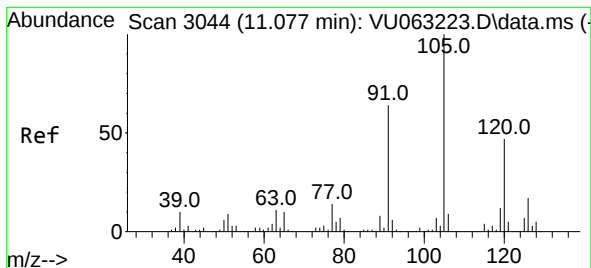
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 11.986 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

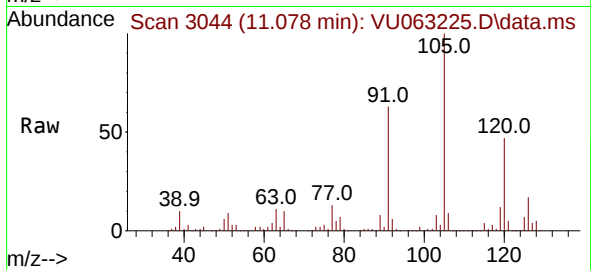
Tgt Ion:126 Resp: 191413
Ion Ratio Lower Upper
126 100
91 304.4 0.0 623.8





#75
1,3,5-Trimethylbenzene
Concen: 12.210 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

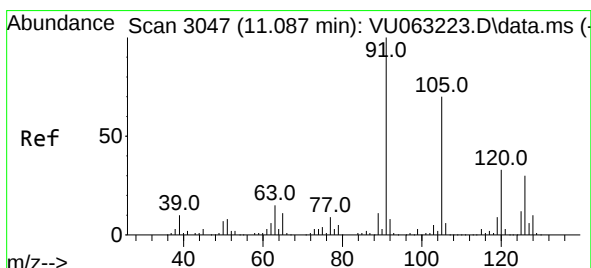
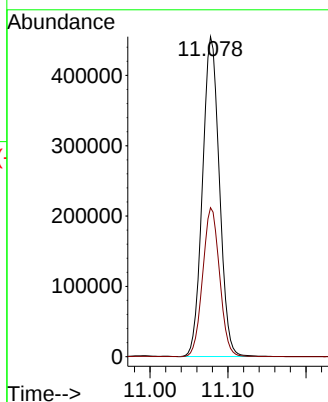
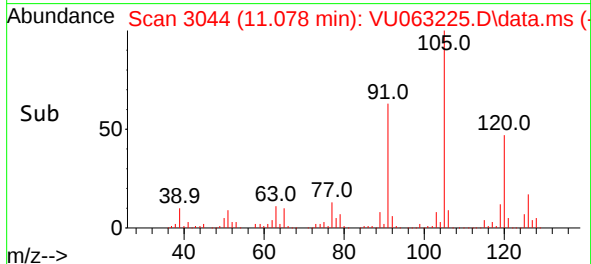
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



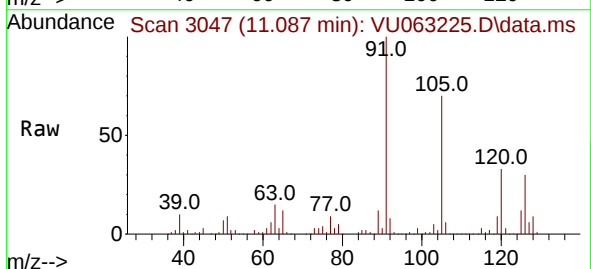
Tgt Ion:105 Resp: 684760
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

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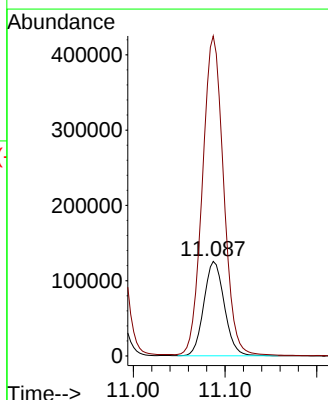
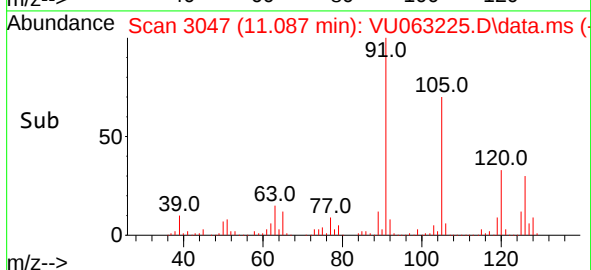
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

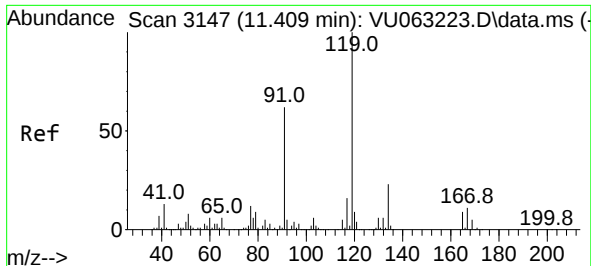


#76
4-Chlorotoluene
Concen: 11.887 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



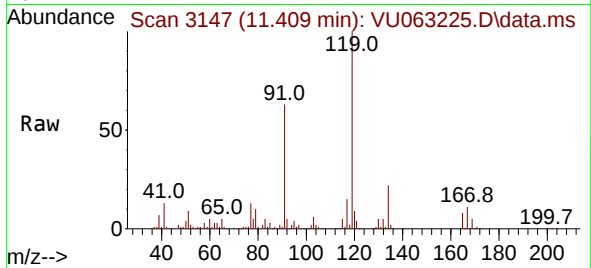
Tgt Ion:126 Resp: 194674
Ion Ratio Lower Upper
126 100
91 351.2 0.0 703.6





#77
tert-Butylbenzene
Concen: 12.057 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

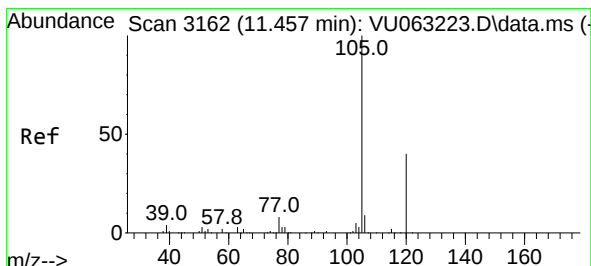
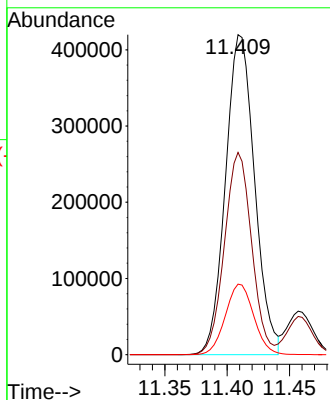
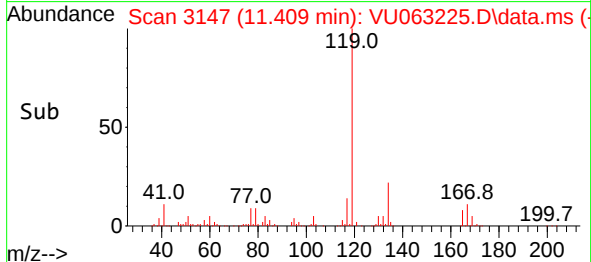
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



Tgt Ion:119 Resp: 683840
Ion Ratio Lower Upper
119 100
91 59.0 29.4 88.3
134 21.5 17.6 26.4

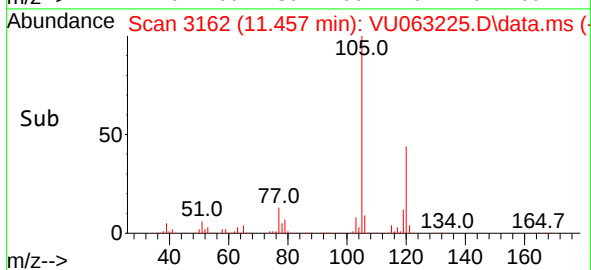
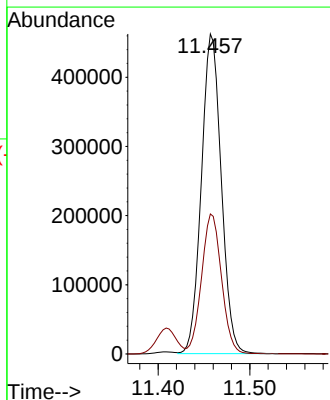
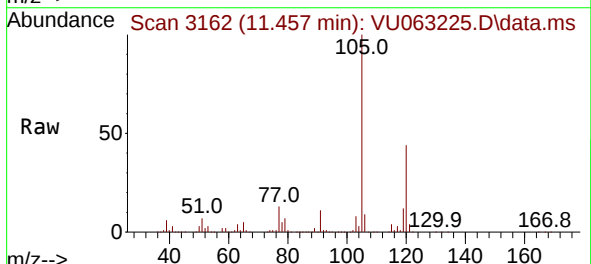
Manual Integrations
APPROVED

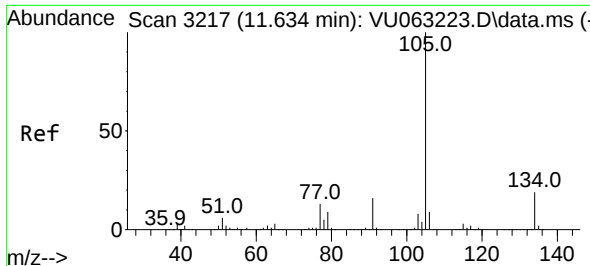
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#78
1,2,4-Trimethylbenzene
Concen: 12.521 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

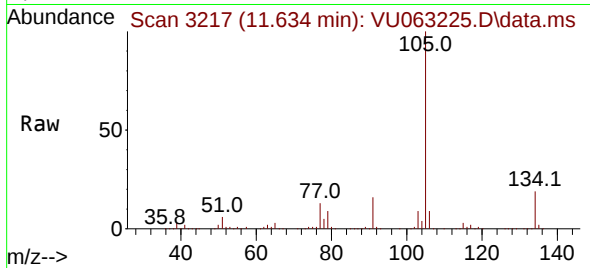
Tgt Ion:105 Resp: 696739
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 12.368 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45

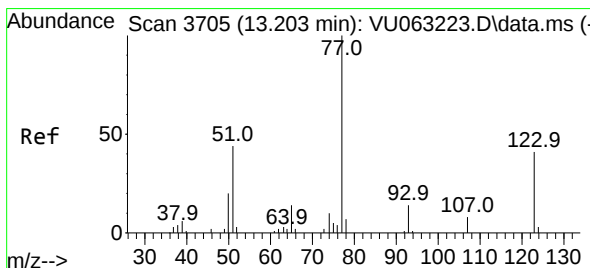
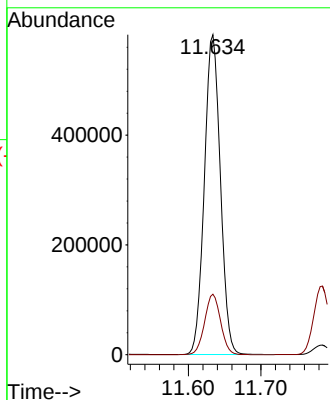
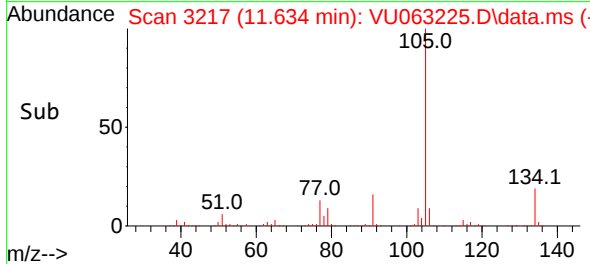
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025



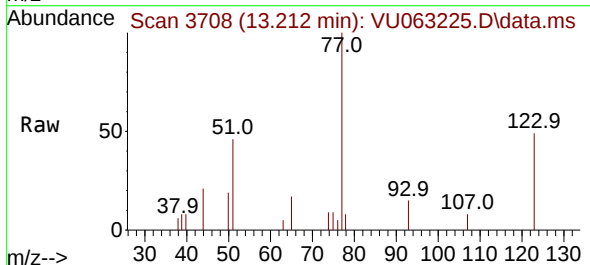
Tgt Ion:105 Resp: 893150
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

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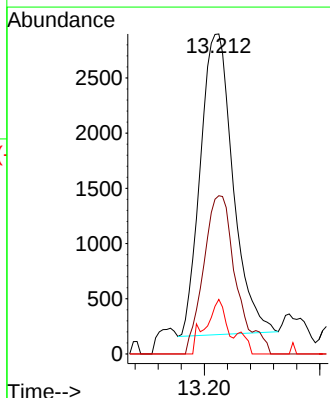
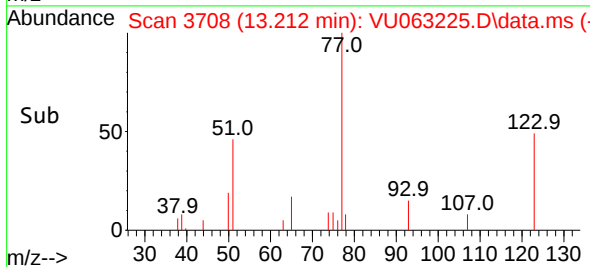
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

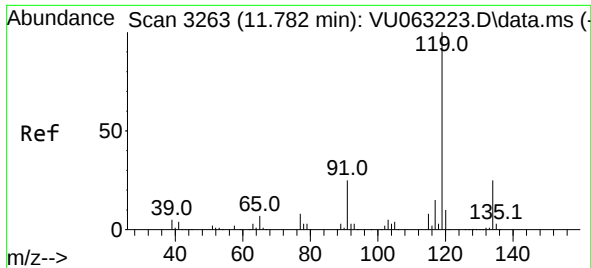


#80
 Nitrobenzene
 Concen: 14.120 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.010 min
 Lab File: VU063225.D
 Acq: 10 Feb 2025 16:45



Tgt Ion: 77 Resp: 5344
 Ion Ratio Lower Upper
 77 100
 123 52.1 18.9 67.1
 65 0.0 11.9 15.1#





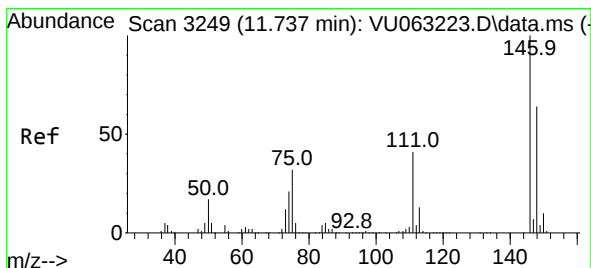
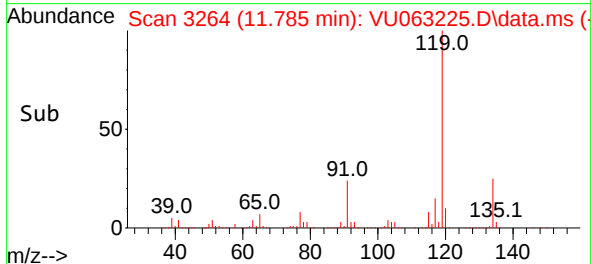
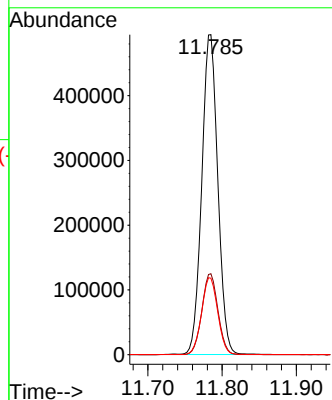
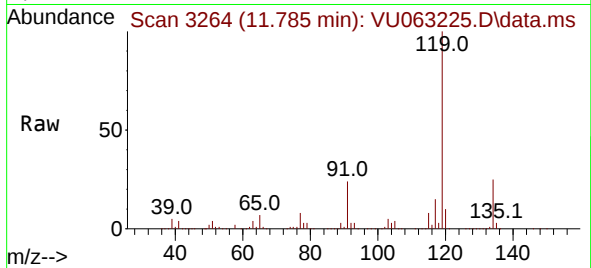
#81
p-Isopropyltoluene
Concen: 12.990 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion:119 Resp: 74034
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 24.1 19.4 29.2

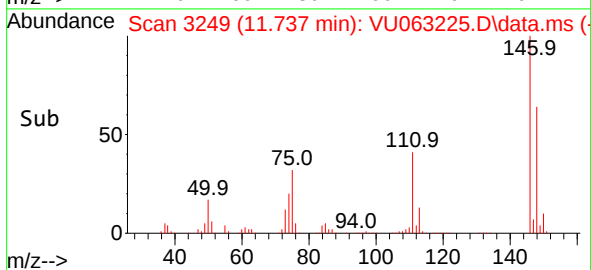
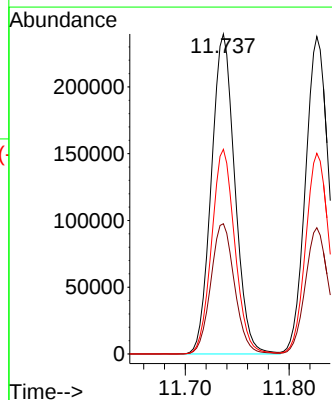
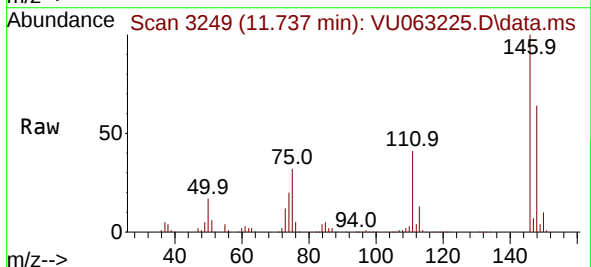
Manual Integrations
APPROVED

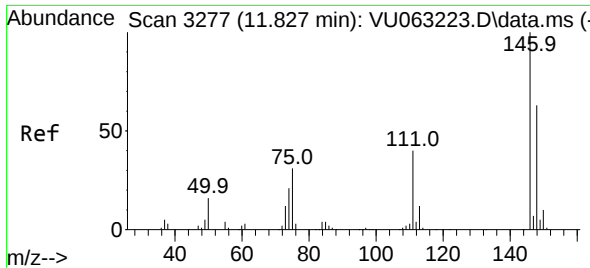
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 11.912 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

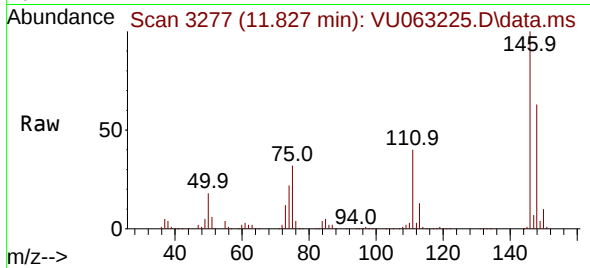
Tgt Ion:146 Resp: 376778
Ion Ratio Lower Upper
146 100
111 41.2 32.8 49.2
148 63.4 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 12.181 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

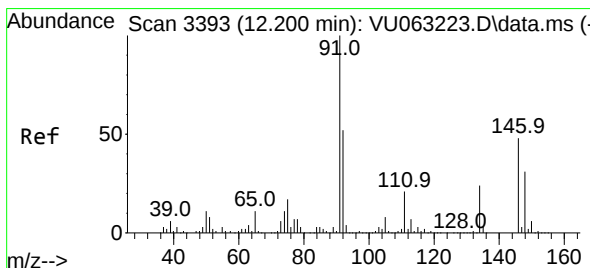
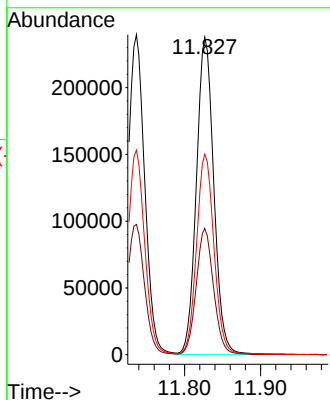
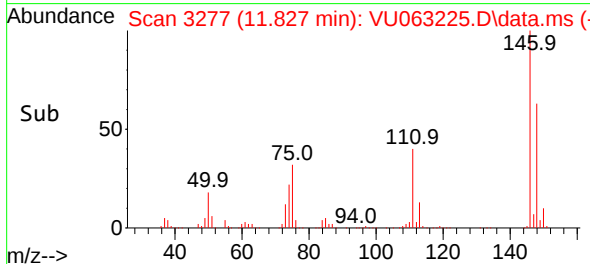
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



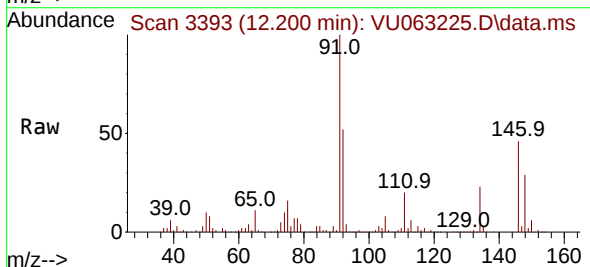
Tgt Ion:146 Resp: 376860
Ion Ratio Lower Upper
146 100
111 39.7 32.1 48.1
148 63.5 50.2 75.4

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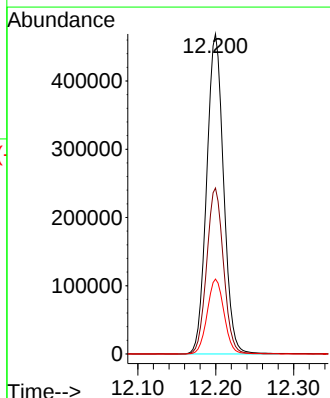
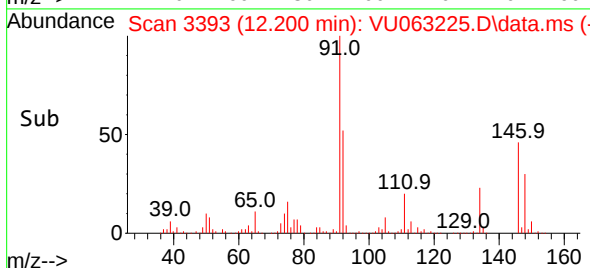
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

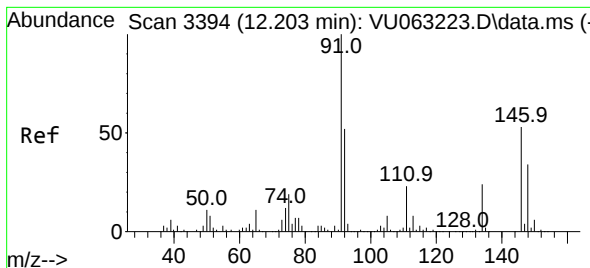


#84
n-Butylbenzene
Concen: 13.835 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion: 91 Resp: 707039
Ion Ratio Lower Upper
91 100
92 51.6 41.8 62.8
134 23.4 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 11.884 ug/l

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063225.D

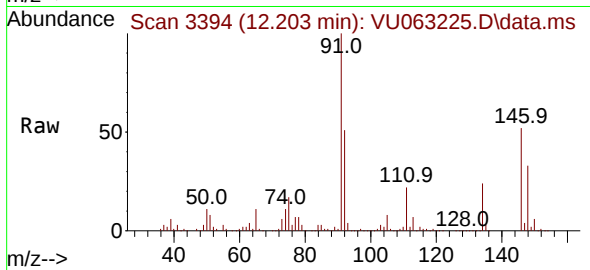
Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025



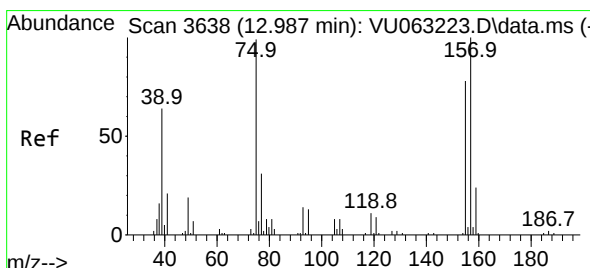
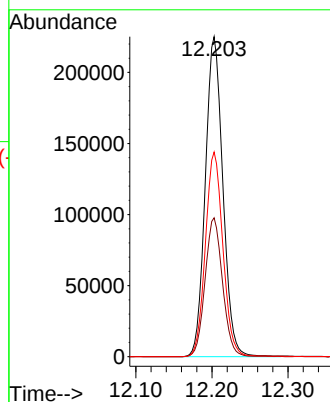
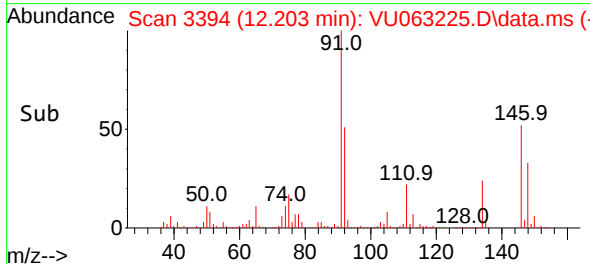
Tgt Ion:	146	Resp:	36124
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.9	65.7
148	63.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.165 ug/l

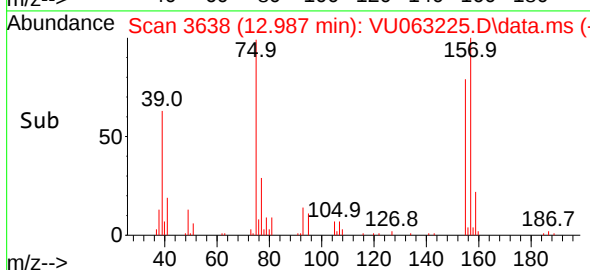
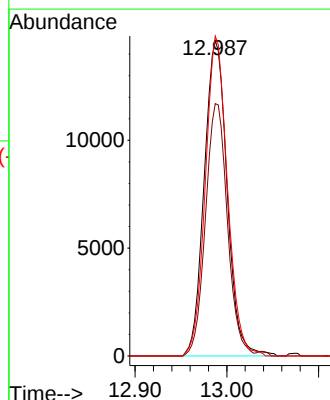
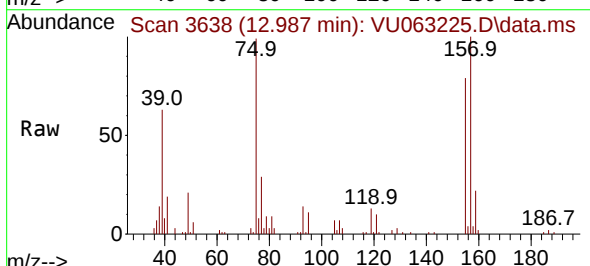
RT: 12.987 min Scan# 3638

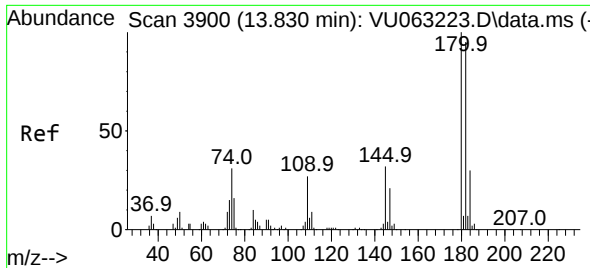
Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

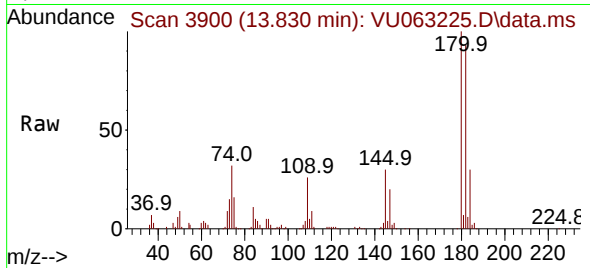
Tgt Ion:	75	Resp:	25391
Ion Ratio	Lower	Upper	
75	100		
155	76.7	63.5	95.3
157	97.7	81.8	122.6





#87
1,2,4-Trichlorobenzene
Concen: 14.027 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. 0.000 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45

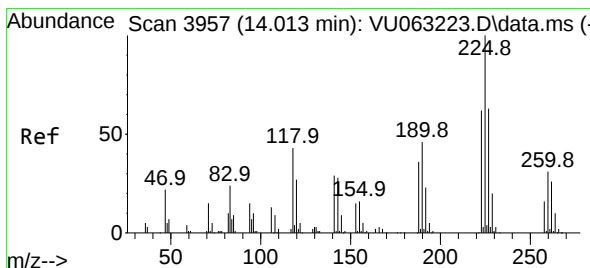
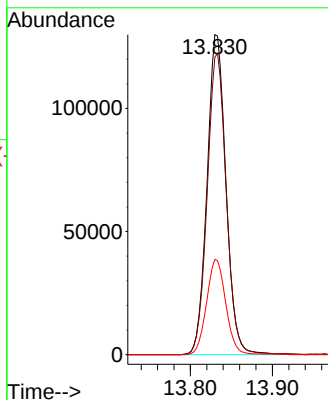
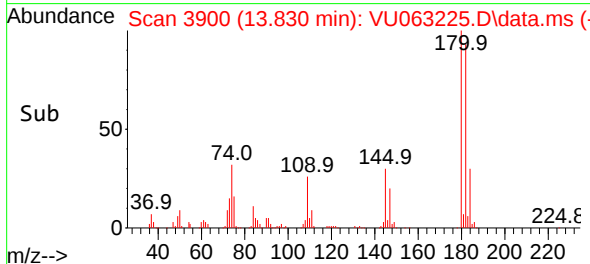
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



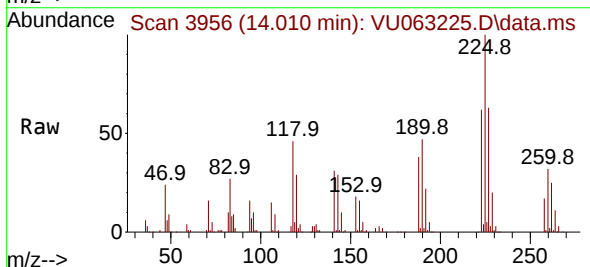
Tgt Ion:180 Resp: 20795
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 30.4 25.4 38.2

Manual Integrations
APPROVED

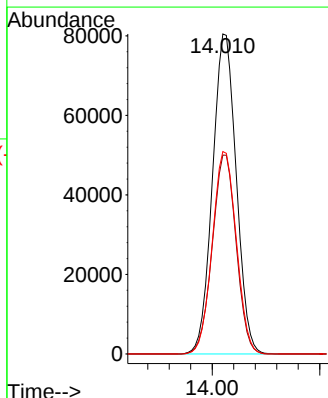
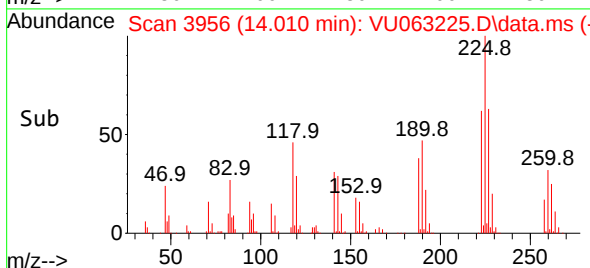
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

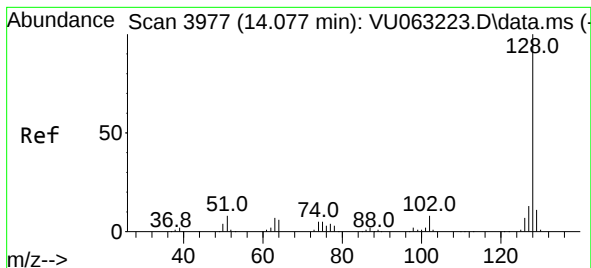


#88
Hexachlorobutadiene
Concen: 11.632 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063225.D
Acq: 10 Feb 2025 16:45



Tgt Ion:225 Resp: 123242
Ion Ratio Lower Upper
225 100
223 62.4 49.5 74.3
227 64.1 51.0 76.4





#89

Naphthalene

Concen: 10.999 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

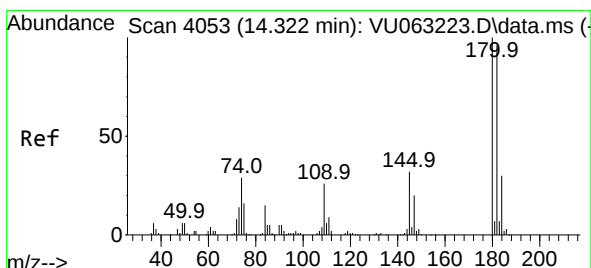
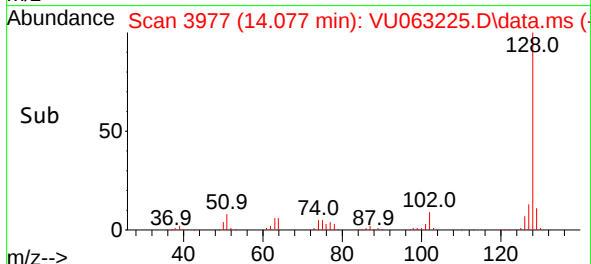
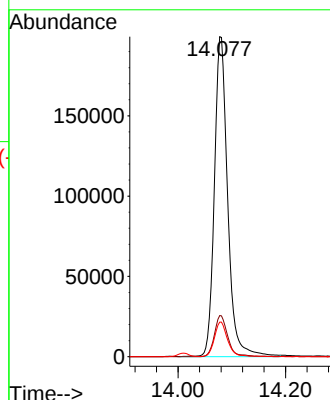
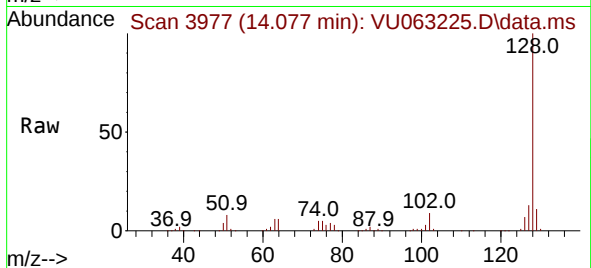
Tgt Ion:	128	Resp:	342725
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#90

1,2,3-Trichlorobenzene

Concen: 12.127 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063225.D

Acq: 10 Feb 2025 16:45

Tgt Ion:	180	Resp:	175916
Ion Ratio	Lower	Upper	
180	100		
182	96.8	78.2	117.2
145	32.9	26.1	39.1

