

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063227.D
 Acq On : 11 Feb 2025 08:50
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU021025

Quant Time: Feb 12 03:08:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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	6.106	96	56495	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	25232	1.354	ug/l	0.00
Spiked Amount 1.000			Recovery	=	135.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	18463	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	113504	6.184	ug/l	99
3) Chloromethane	1.515	50	146642	6.937	ug/l	98
4) Vinyl Chloride	1.599	62	161150	7.705	ug/l	99
5) Bromomethane	1.849	94	95220	9.317	ug/l	95
6) Chloroethane	1.923	64	105662	8.021	ug/l	99
7) Trichlorofluoromethane	2.129	101	209914	8.470	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	136239	9.685	ug/l	99
9) 1,1-Dichloroethene	2.570	96	135994	9.488	ug/l	99
10) Iodomethane	2.711	142	206755	9.176	ug/l	99
11) Allyl Chloride	2.914	41	206293	10.019	ug/l	98
12) Acrylonitrile	3.303	53	159992	48.397	ug/l	98
13) Acetone	2.621	43	117956	46.402	ug/l	100
14) Carbon Disulfide	2.785	76	402996	8.041	ug/l	100
15) Methylene Chloride	3.033	84	156673	8.848	ug/l	99
16) trans-1,2-Dichloroethene	3.341	96	144812	8.852	ug/l	99
17) 1,1-Dichloroethane	3.853	63	282308	9.156	ug/l	99
18) 2-Butanone	4.692	43	186600	46.124	ug/l	99
19) Cyclohexane	5.377	56	233963m	9.443	ug/l	
20) Methylcyclohexane	6.753	83	249729	10.164	ug/l	99
21) 2,2-Dichloropropane	4.650	77	229157	9.526	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	176178	9.968	ug/l	100
23) Diethyl Ether	2.367	59	102821	8.360	ug/l	99
24) tert-Butyl Alcohol	3.193	59	45647	31.908	ug/l	# 88
25) Methyl tert-Butyl Ether	3.348	73	345681	9.657	ug/l	100
26) Bromochloromethane	4.959	128	73733	9.544	ug/l	99
27) Chloroform	5.074	83	289263	9.296	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	239040	9.483	ug/l	98
29) 1,1-Dichloropropene	5.515	75	196807	8.717	ug/l	99
30) Carbon Tetrachloride	5.512	117	201284	9.311	ug/l	98
31) Isopropyl Ether	3.975	45	463697	10.534	ug/l	# 1
34) Propionitrile	4.762	54	122058	100.030	ug/l	98
35) Benzene	5.759	78	645948	9.305	ug/l	99
36) 1,2-Dichloroethane	5.782	62	170414	8.506	ug/l	99
37) Trichloroethene	6.531	130	146452	8.871	ug/l	98
38) 1,2-Dichloropropane	6.778	63	159772	8.794	ug/l	97
39) Methacrylonitrile	4.962	41	46732	10.277	ug/l	96
40) Methyl acrylate	4.836	55	82118	9.798	ug/l	# 93
41) Tetrahydrofuran	5.039	42	123058	46.529	ug/l	98
42) 1-Chlorobutane	5.444	56	300232	9.720	ug/l	99
43) Dibromomethane	6.907	93	83308	9.055	ug/l	97
44) Bromodichloromethane	7.094	83	215139	10.047	ug/l	99
45) 4-Methyl-2-Pentanone	7.778	43	470573	48.787	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	49406m	10.896	ug/l	

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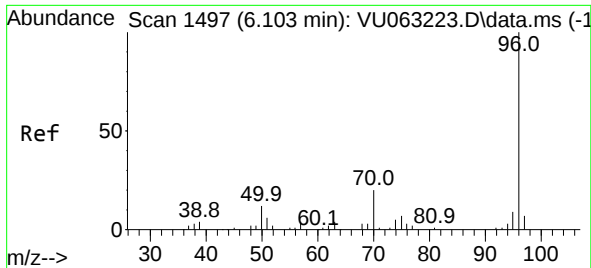
Manual Integrations
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Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.949	69	75036	9.683	ug/l	97
48) Ethyl methacrylate	8.322	69	150671	10.355	ug/l	99
49) Toluene	7.958	92	394103	9.872	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	190233	9.703	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	225683	9.319	ug/l	99
52) 1,1,2-Trichloroethane	8.386	97	112663	9.082	ug/l	97
53) 1,3-Dichloropropane	8.563	76	196173	8.908	ug/l	99
54) 2-Hexanone	8.675	43	318084	48.325	ug/l	99
55) Dibromochloromethane	8.798	129	136481	9.564	ug/l	98
56) 1,2-Dibromoethane	8.913	107	104935	9.020	ug/l	99
58) Tetrachloroethene	8.544	164	131195	9.644	ug/l	98
59) Chlorobenzene	9.438	112	411460	9.767	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	138560	9.150	ug/l	98
61) Pentachloroethane	11.415	117	127090	9.395	ug/l	98
62) Hexachloroethane	12.463	117	117375	9.808	ug/l	99
63) Ethyl Benzene	9.560	91	753103	10.366	ug/l	99
64) m/p-Xylenes	9.682	106	574738	21.178	ug/l	98
65) o-Xylene	10.090	106	275873	10.384	ug/l	99
66) Styrene	10.103	104	457882	10.830	ug/l	100
67) Bromoform	10.280	173	77802	9.606	ug/l	99
69) Isopropylbenzene	10.473	105	734939	11.767	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.769	83	142854	8.545	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	106046m	8.443	ug/l	
72) Bromobenzene	10.772	156	167353	9.945	ug/l	99
73) n-propylbenzene	10.894	120	192125	10.744	ug/l	97
74) 2-Chlorotoluene	10.974	126	172282	10.454	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	628091	10.853	ug/l	100
76) 4-Chlorotoluene	11.087	126	175303	10.373	ug/l	99
77) tert-Butylbenzene	11.409	119	606100	10.355	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	617064	10.746	ug/l	100
79) sec-Butylbenzene	11.634	105	809829	10.867	ug/l	100
80) Nitrobenzene	13.212	77	3697m	10.731	ug/l	
81) p-Isopropyltoluene	11.781	119	651414	11.076	ug/l	100
82) 1,3-Dichlorobenzene	11.736	146	326539	10.004	ug/l	99
83) 1,4-Dichlorobenzene	11.826	146	323813	10.142	ug/l	99
84) n-Butylbenzene	12.199	91	606308	11.497	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	304825	9.718	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.984	75	20970	8.936	ug/l	97
87) 1,2,4-Trichlorobenzene	13.830	180	184275	12.045	ug/l	99
88) Hexachlorobutadiene	14.010	225	107826	9.862	ug/l	100
89) Naphthalene	14.077	128	270551	8.568	ug/l	99
90) 1,2,3-Trichlorobenzene	14.318	180	156676	10.466	ug/l	97

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



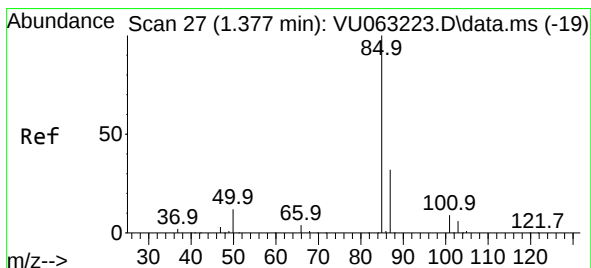
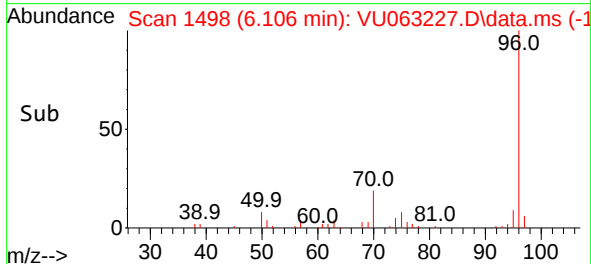
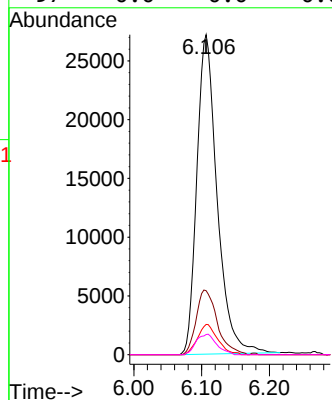
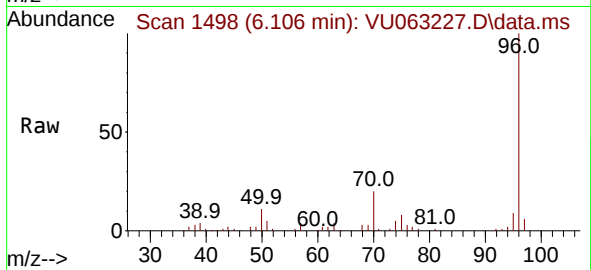
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 96	Resp: 5649
Ion Ratio	Lower Upper
96 100	
70 21.0	15.6 23.4
95 9.4	7.3 10.9
97 0.0	0.0 0.0

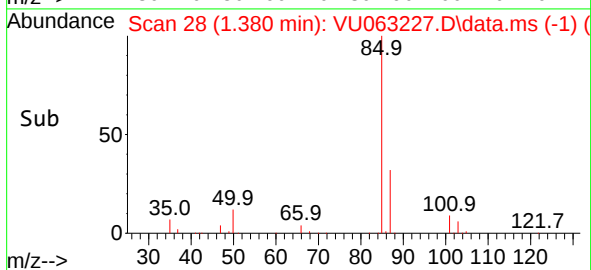
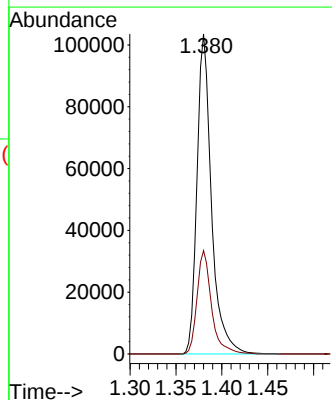
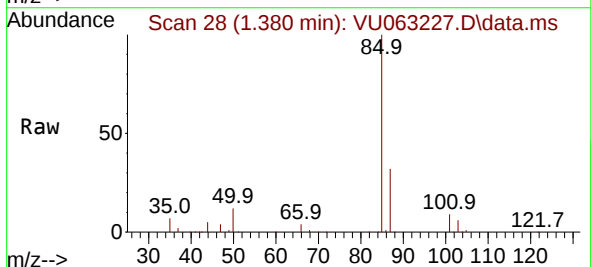
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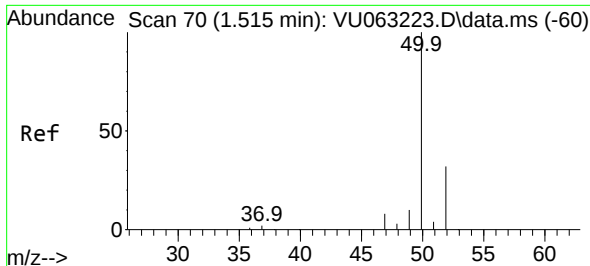
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 6.184 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion: 85	Resp: 113504
Ion Ratio	Lower Upper
85 100	
87 32.3	16.0 48.0





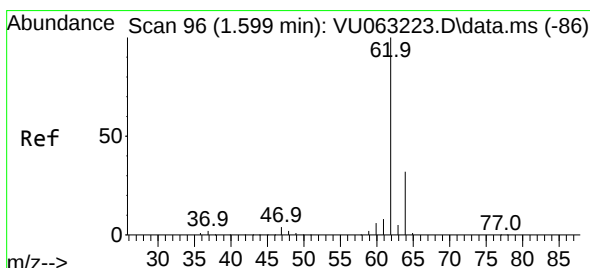
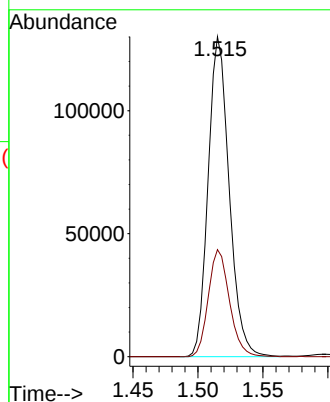
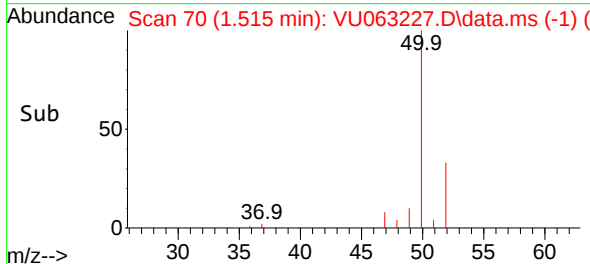
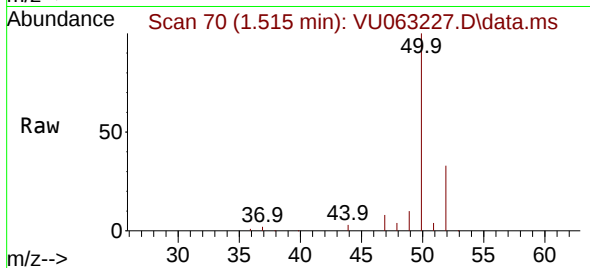
#3
Chloromethane
Concen: 6.937 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion: 50 Resp: 14664
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8

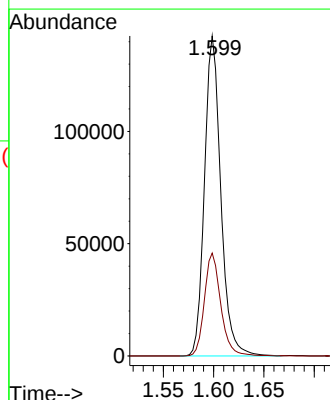
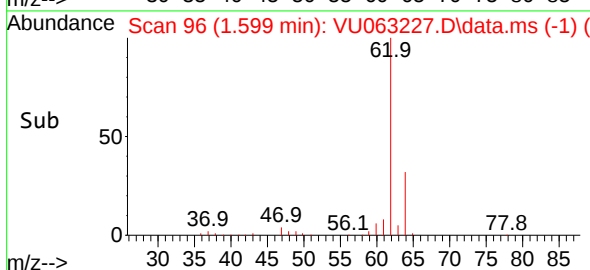
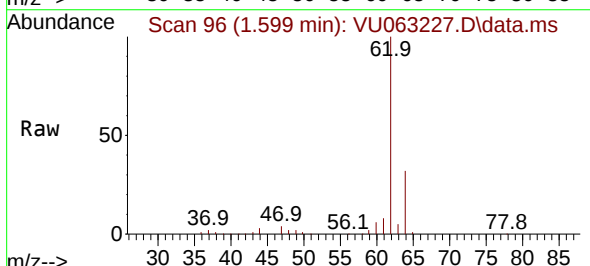
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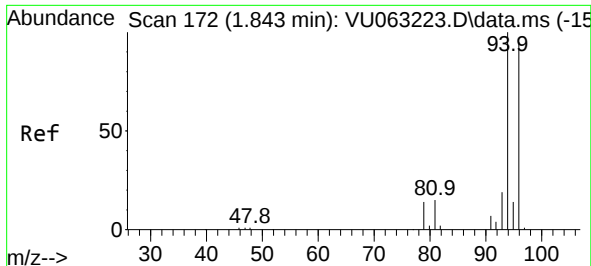
Reviewed By :Amit Patel 02/12/2025
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#4
Vinyl Chloride
Concen: 7.705 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

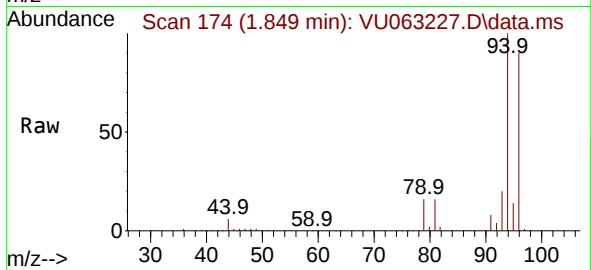
Tgt Ion: 62 Resp: 161150
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 9.317 ug/l
RT: 1.849 min Scan# 172
Delta R.T. 0.006 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

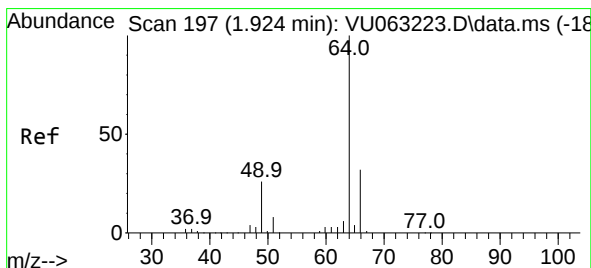
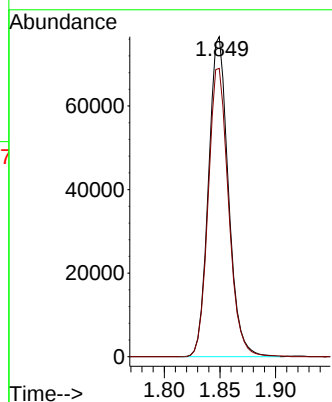
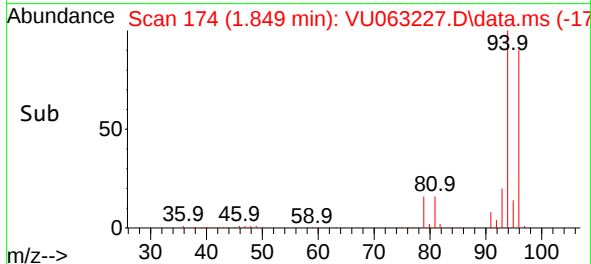
Instrument :
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ClientSampleId :
ICVVU021025



Tgt Ion: 94 Resp: 95220
Ion Ratio Lower Upper
94 100
96 90.1 75.7 113.5

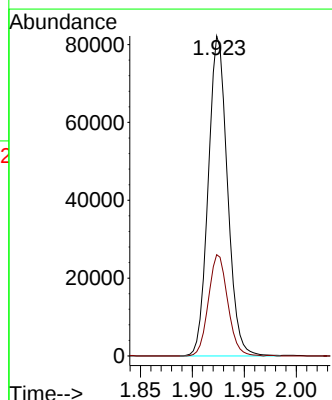
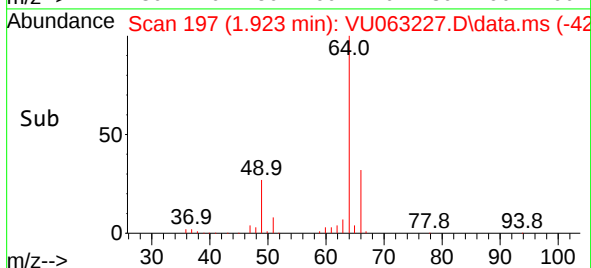
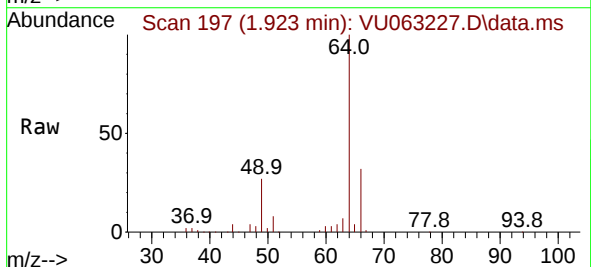
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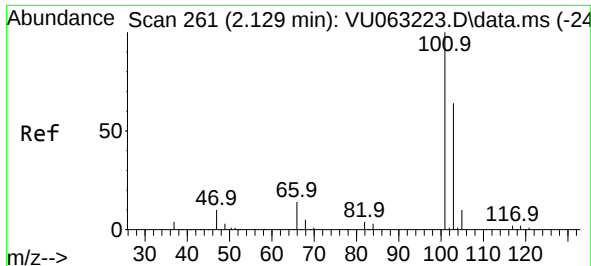
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 8.021 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion: 64 Resp: 105662
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8





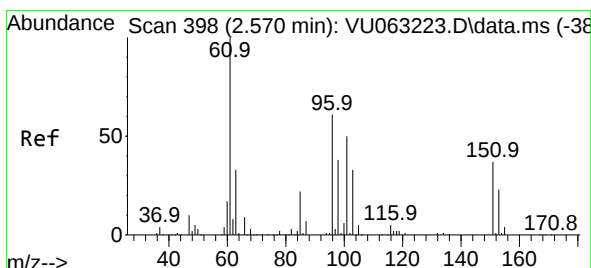
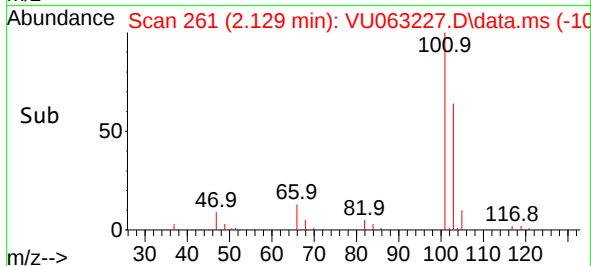
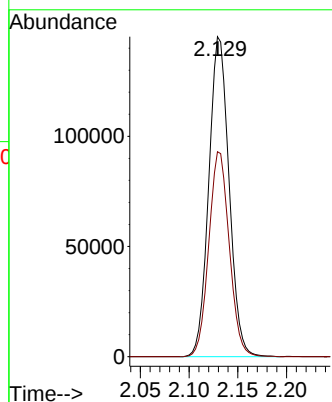
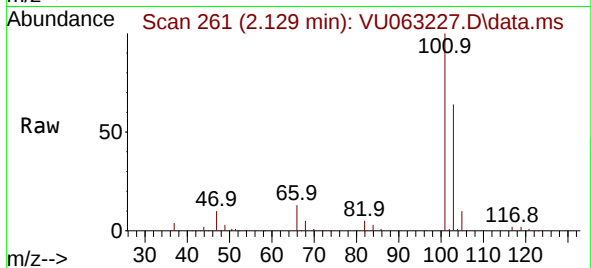
#7
 Trichlorofluoromethane
 Concen: 8.470 ug/l
 RT: 2.129 min Scan# 209914
 Delta R.T. -0.000 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50

Instrument :
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 ClientSampleId :
 ICVVU021025

Tgt Ion:101 Resp: 209914
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

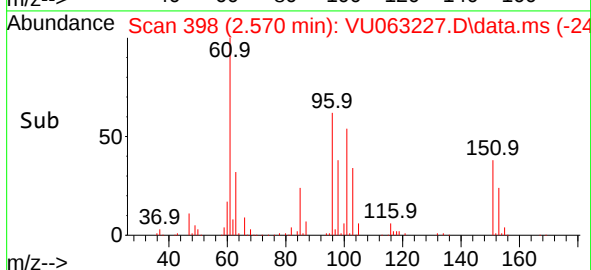
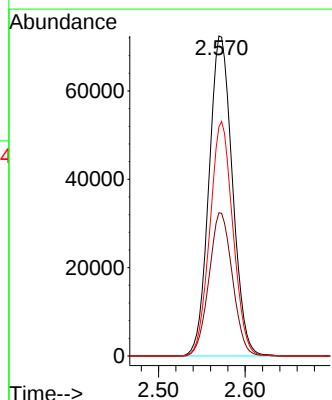
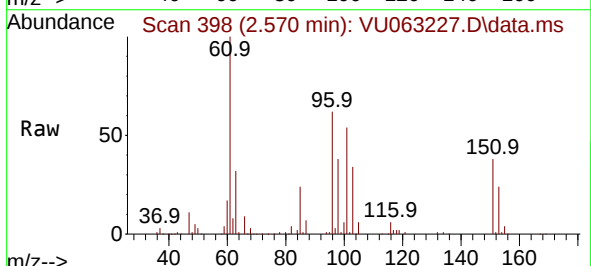
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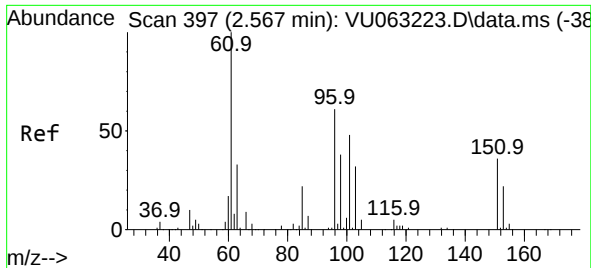
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.685 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50

Tgt Ion:101 Resp: 136239
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.4 53.0
 151 72.2 58.5 87.7





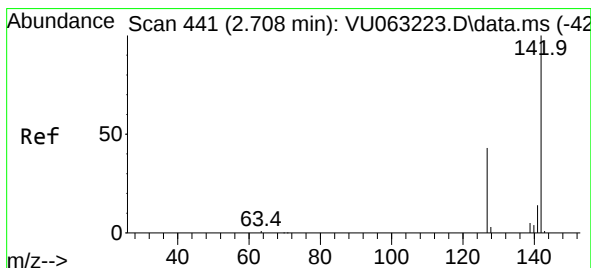
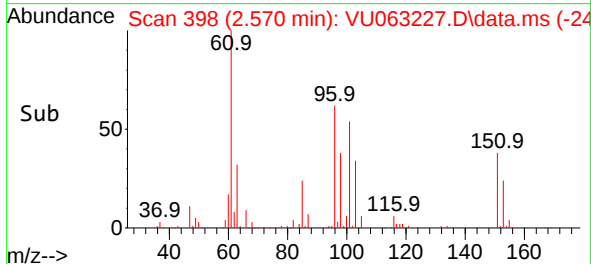
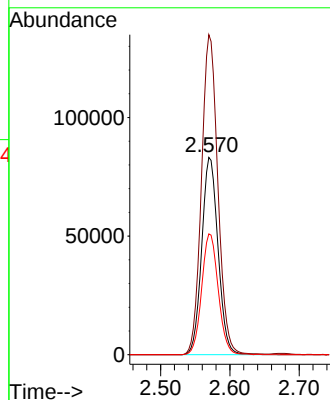
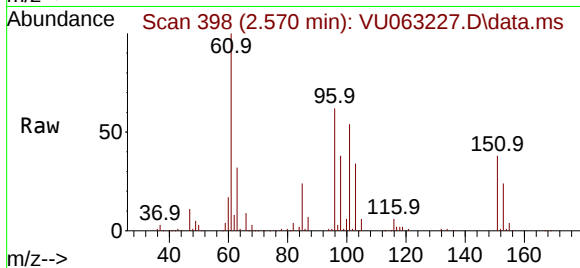
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1,1-Dichloroethene
Concen: 9.488 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 96 Resp: 135994
Ion Ratio Lower Upper
96 100
61 162.2 0.0 492.9
98 61.2 0.0 124.0

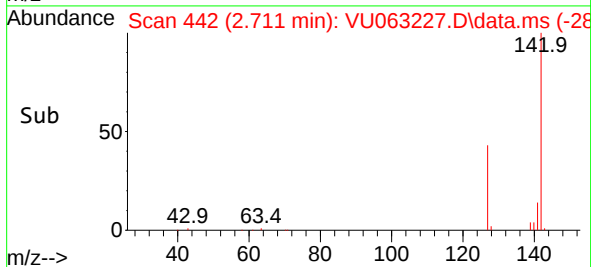
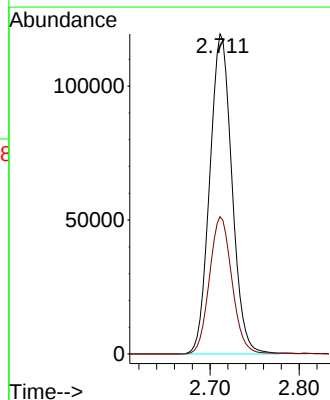
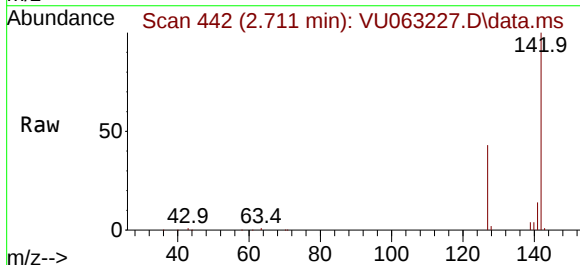
Manual Integrations
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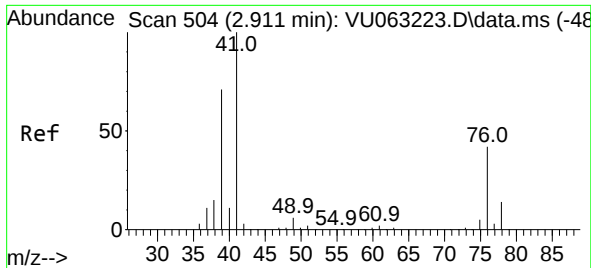
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 9.176 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

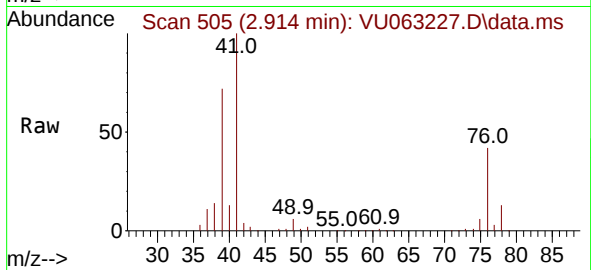
Tgt Ion:142 Resp: 206755
Ion Ratio Lower Upper
142 100
127 43.7 34.5 51.7





#11
 Allyl Chloride
 Concen: 10.019 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50

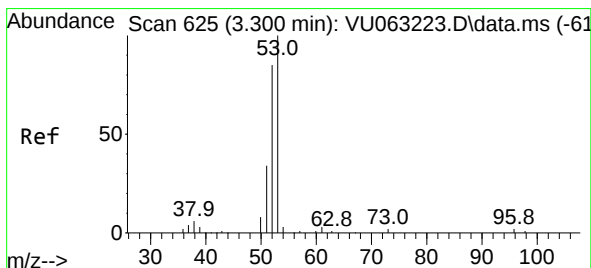
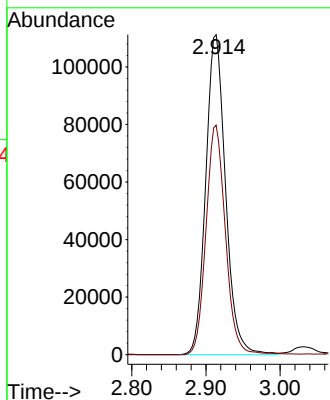
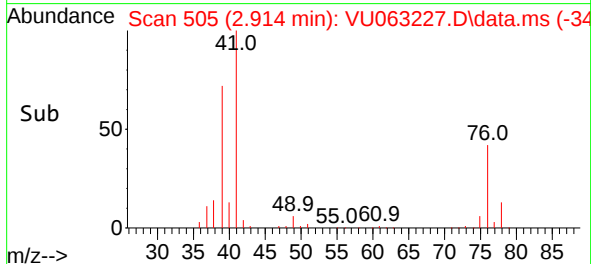
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025



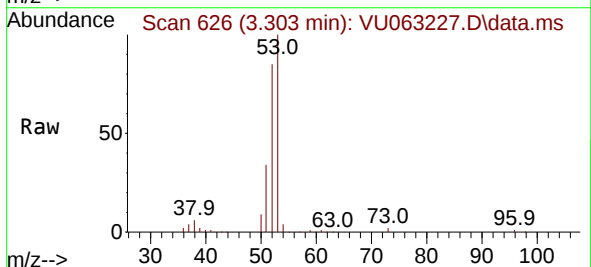
Tgt Ion: 41 Resp: 20629
 Ion Ratio Lower Upper
 41 100
 39 70.4 57.9 86.9

Manual Integrations
 APPROVED

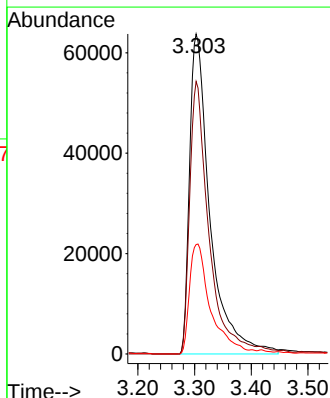
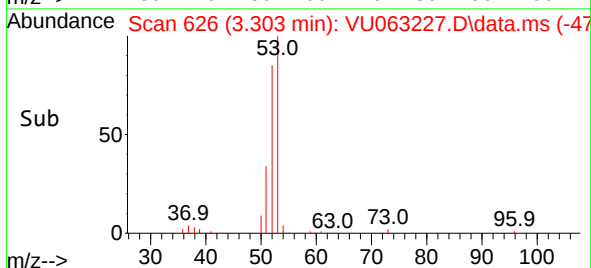
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

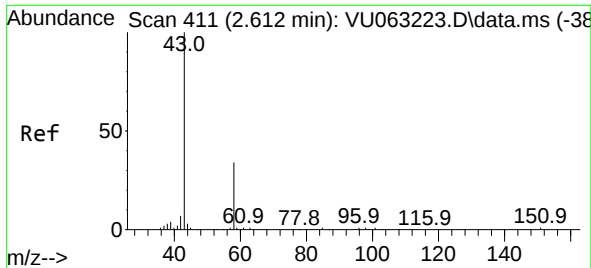


#12
 Acrylonitrile
 Concen: 48.397 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.003 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50



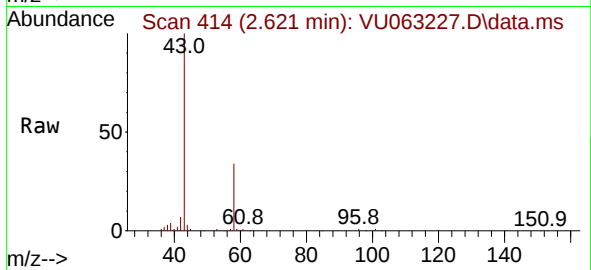
Tgt Ion: 53 Resp: 159992
 Ion Ratio Lower Upper
 53 100
 52 80.5 64.2 96.2
 51 35.2 30.8 46.2





#13
Acetone
Concen: 46.402 ug/l
RT: 2.621 min Scan# 411
Delta R.T. 0.009 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

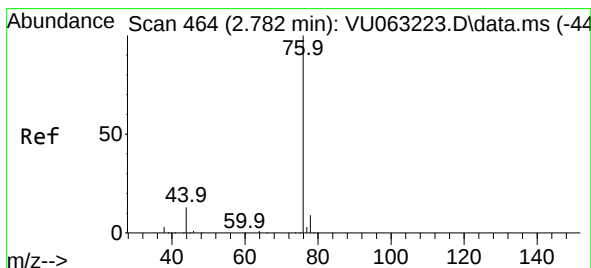
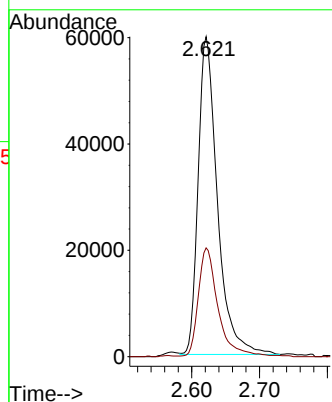
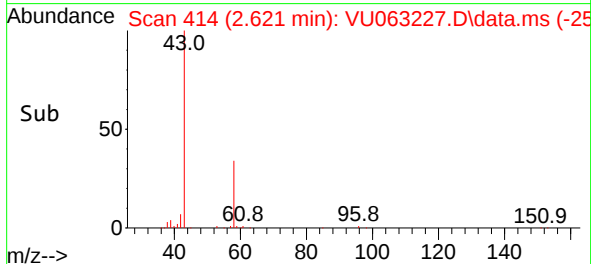
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 43 Resp: 117950
Ion Ratio Lower Upper
43 100
58 34.1 27.4 41.0

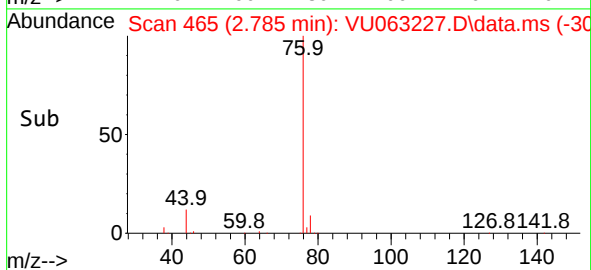
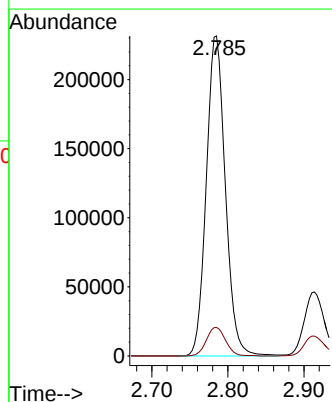
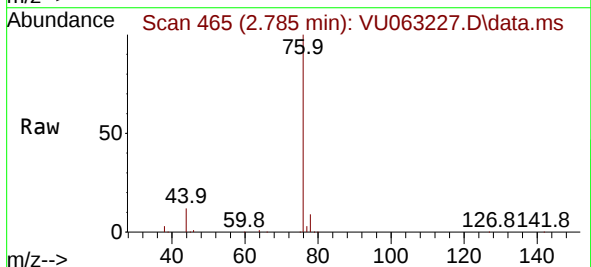
Manual Integrations
APPROVED

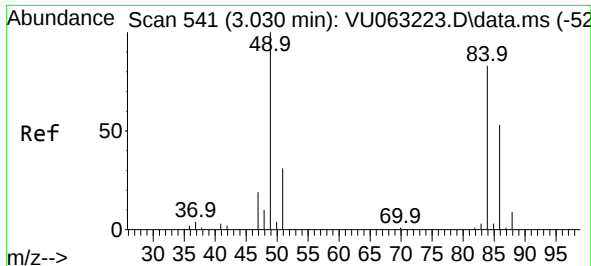
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#14
Carbon Disulfide
Concen: 8.041 ug/l
RT: 2.785 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

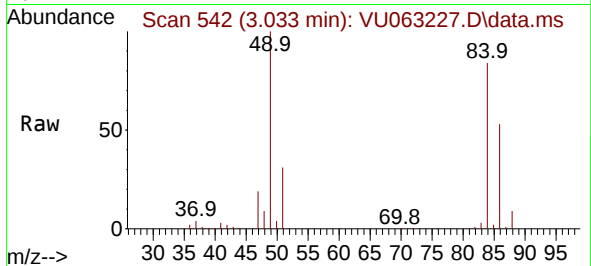
Tgt Ion: 76 Resp: 402996
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15
Methylene Chloride
Concen: 8.848 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

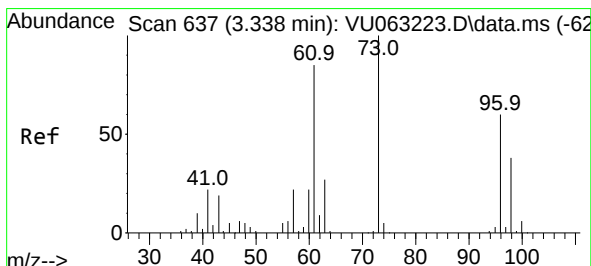
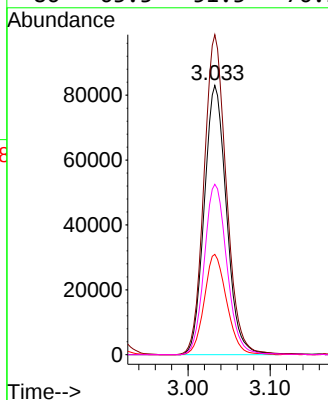
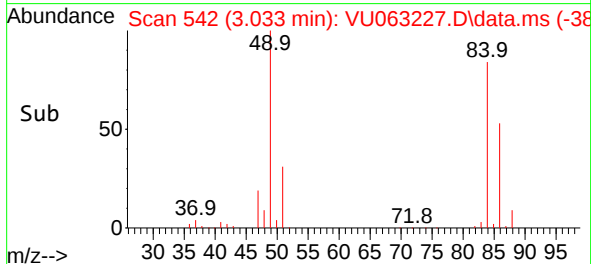
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



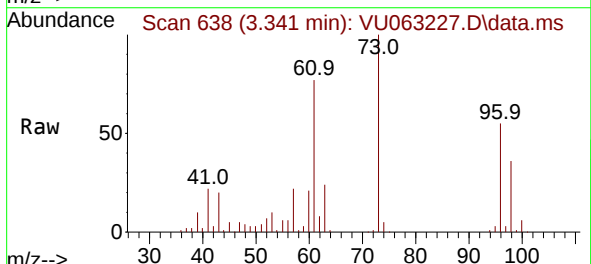
Tgt Ion: 84 Resp: 15667
Ion Ratio Lower Upper
84 100
49 118.7 96.4 144.6
51 37.3 0.0 74.8
86 63.3 51.3 76.9

Manual Integrations
APPROVED

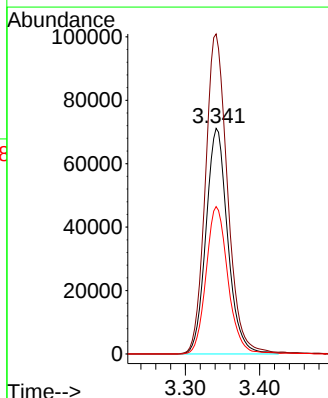
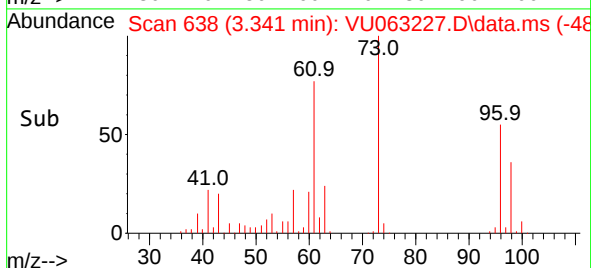
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

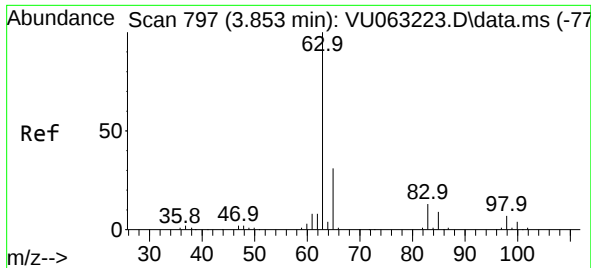


#16
trans-1,2-Dichloroethene
Concen: 8.852 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion: 96 Resp: 144812
Ion Ratio Lower Upper
96 100
61 141.8 113.4 170.2
98 65.3 51.2 76.8





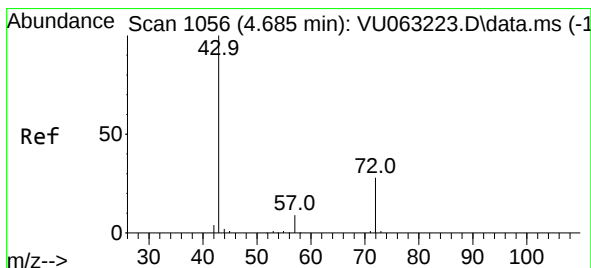
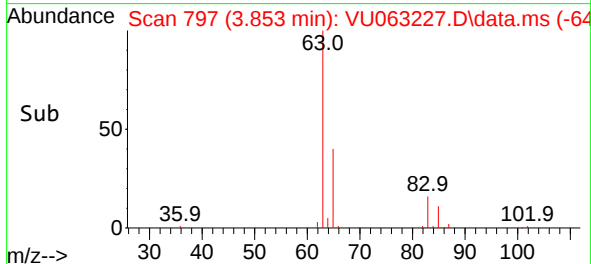
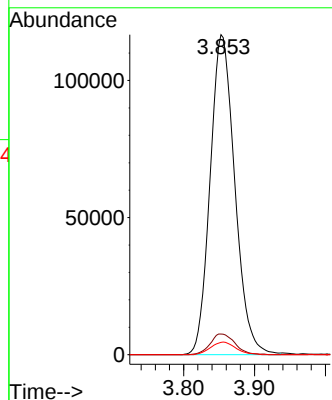
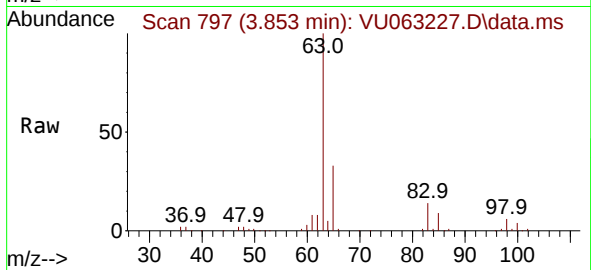
#17
1,1-Dichloroethane
Concen: 9.156 ug/l
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 63 Resp: 282308
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 3.8 2.1 6.2

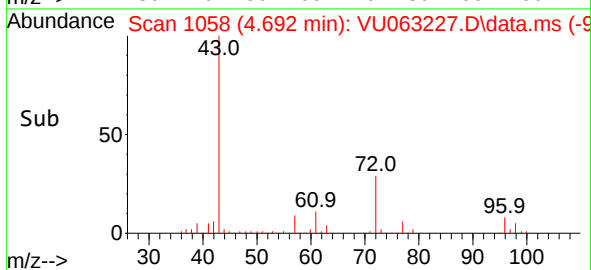
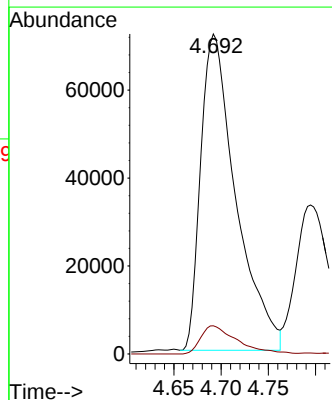
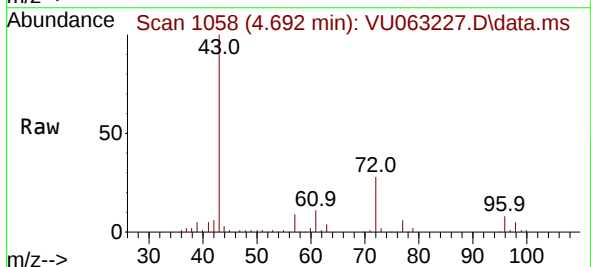
Manual Integrations
APPROVED

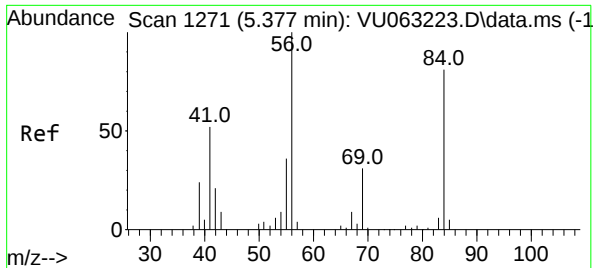
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 46.124 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

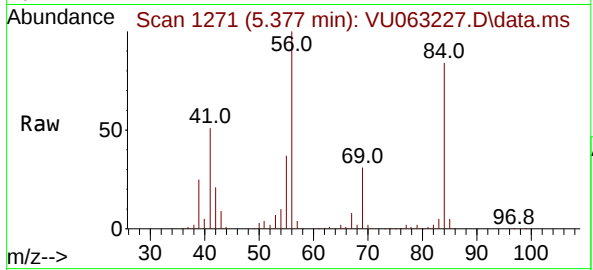
Tgt Ion: 43 Resp: 186600
Ion Ratio Lower Upper
43 100
57 8.9 0.0 17.0





#19
Cyclohexane
Concen: 9.443 ug/l m
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

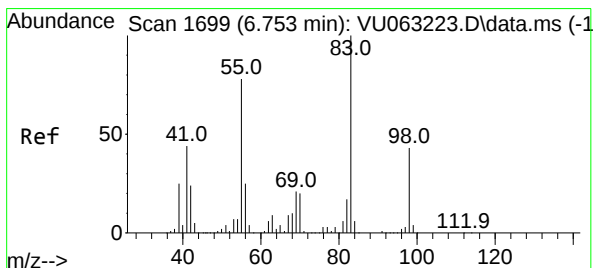
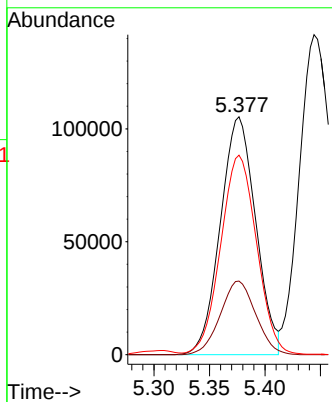
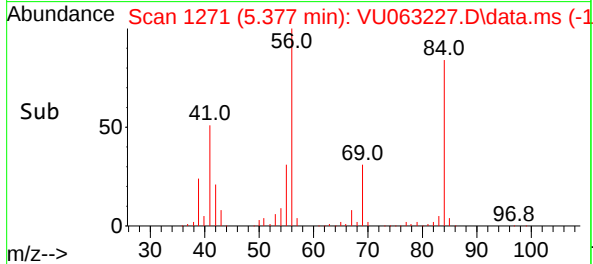
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



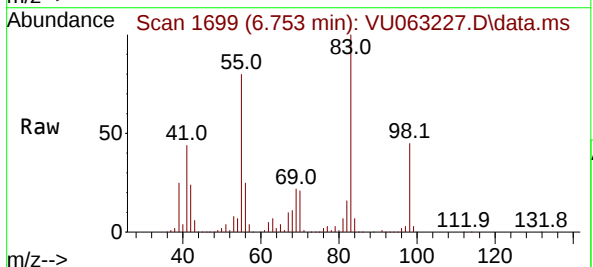
Tgt Ion: 56 Resp: 23396
Ion Ratio Lower Upper
56 100
69 30.9 24.5 36.7
84 84.2 65.2 97.8

Manual Integrations
APPROVED

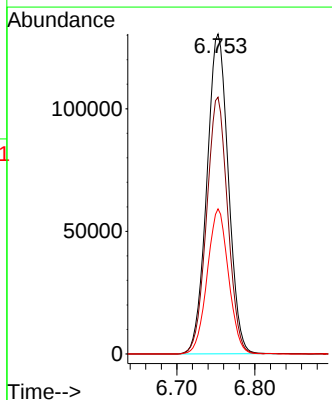
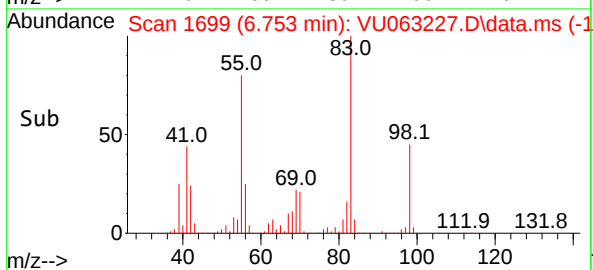
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

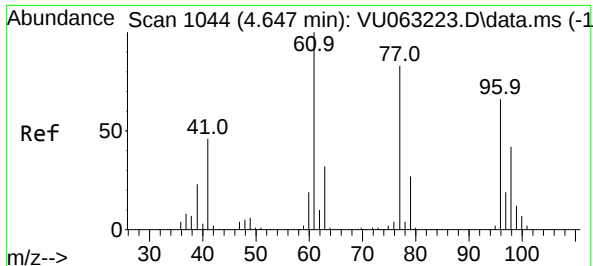


#20
Methylcyclohexane
Concen: 10.164 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion: 83 Resp: 249729
Ion Ratio Lower Upper
83 100
55 79.2 63.1 94.7
98 45.0 35.2 52.8





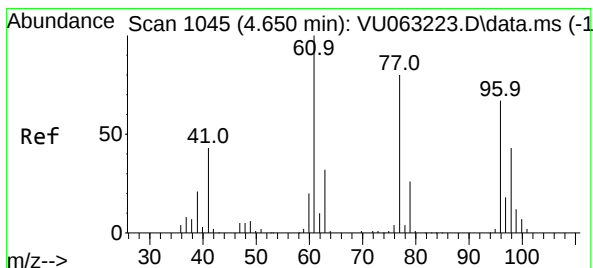
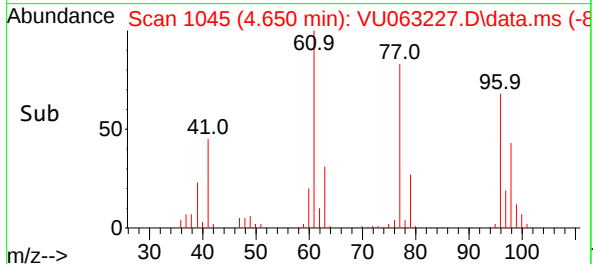
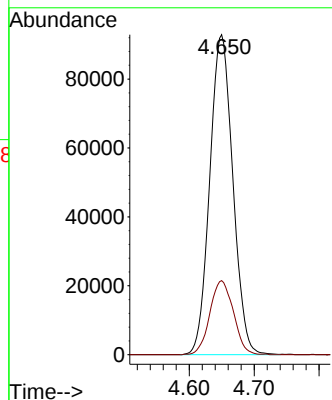
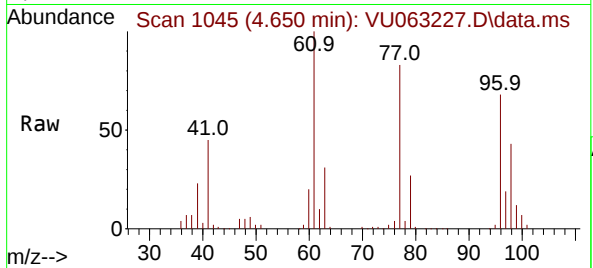
#21
2,2-Dichloropropane
Concen: 9.526 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion: 77 Resp: 22915
Ion Ratio Lower Upper
77 100
97 23.6 18.5 27.7

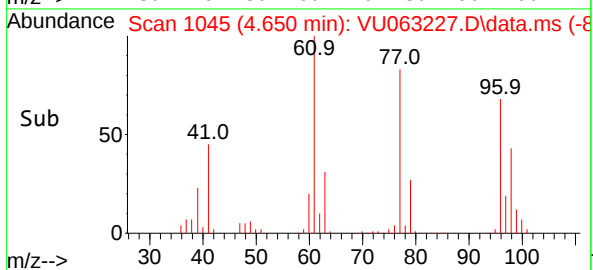
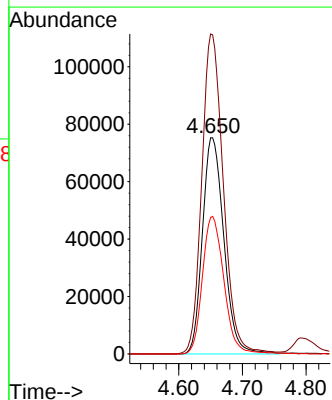
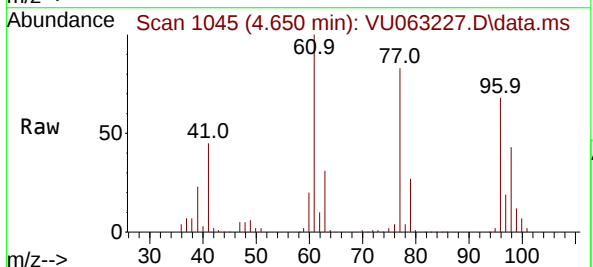
Manual Integrations
APPROVED

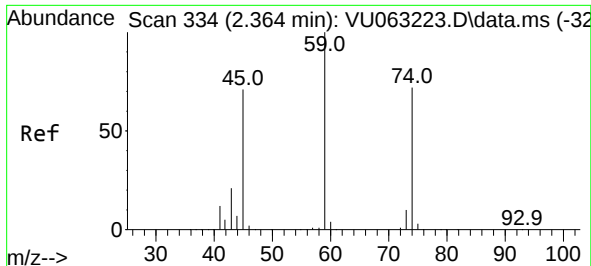
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 9.968 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

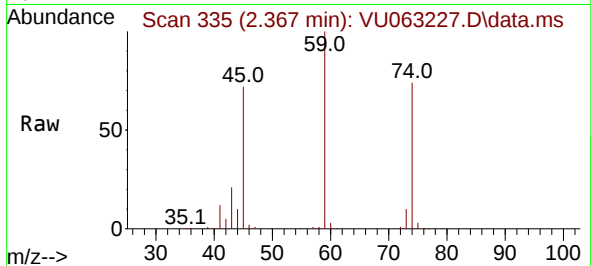
Tgt Ion: 96 Resp: 176178
Ion Ratio Lower Upper
96 100
61 148.9 0.0 373.3
98 63.6 31.9 95.9





#23
Diethyl Ether
Concen: 8.360 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

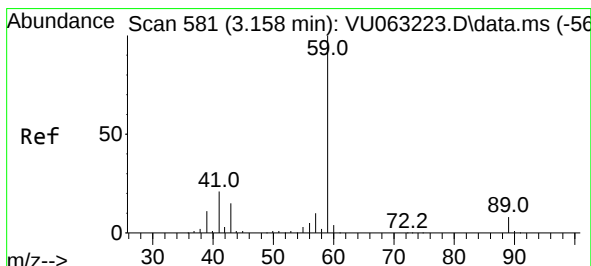
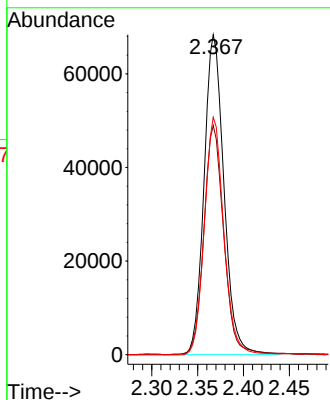
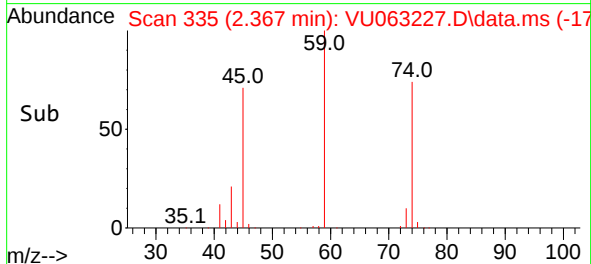
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 59 Resp: 10282
Ion Ratio Lower Upper
59 100
45 71.8 57.8 86.6
74 72.6 57.7 86.5

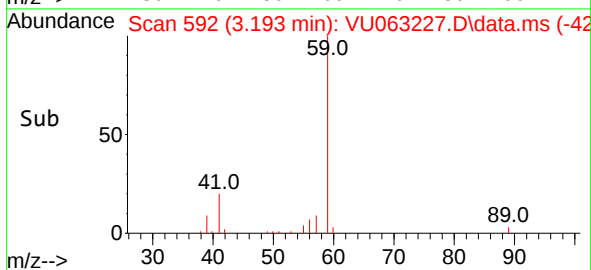
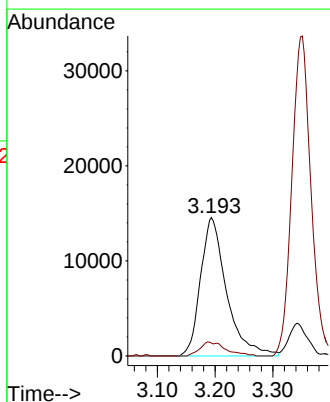
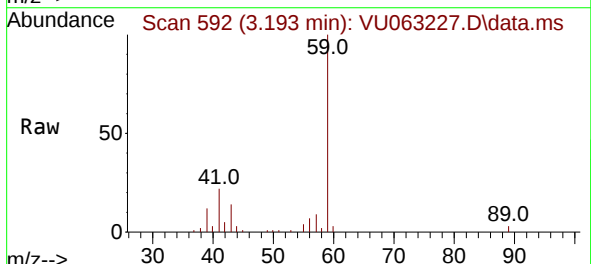
Manual Integrations
APPROVED

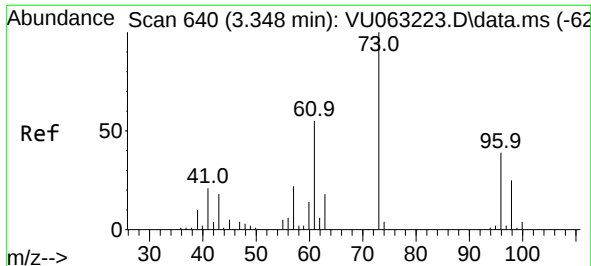
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 31.908 ug/l
RT: 3.193 min Scan# 592
Delta R.T. 0.035 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

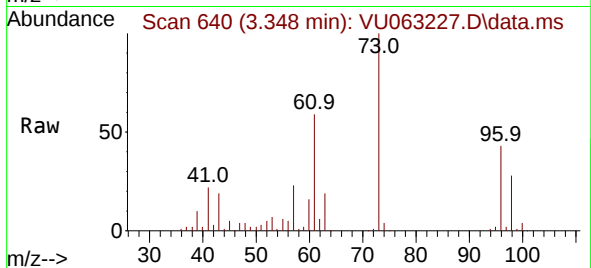
Tgt Ion: 59 Resp: 45647
Ion Ratio Lower Upper
59 100
57 5.1 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 9.657 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

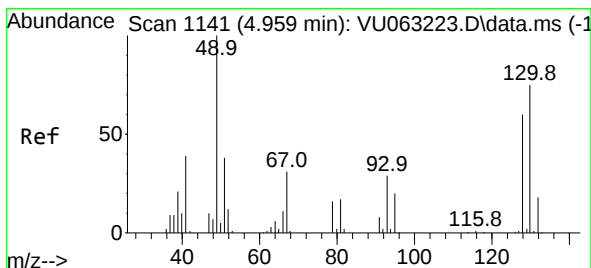
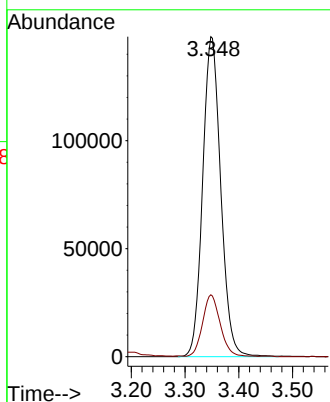
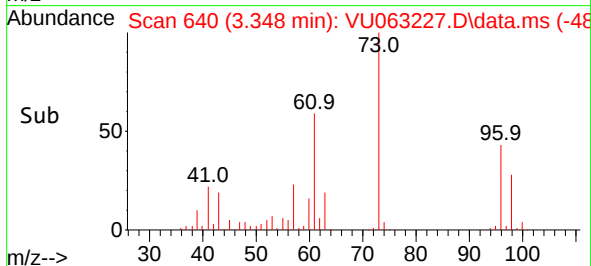
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



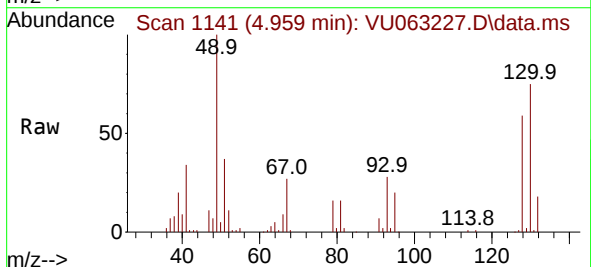
Tgt Ion: 73 Resp: 34568
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3

Manual Integrations
APPROVED

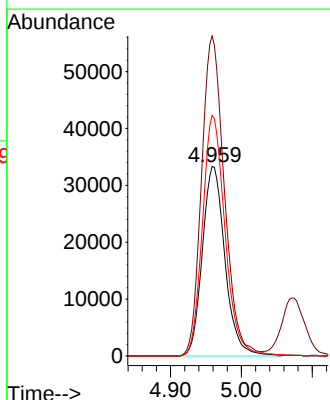
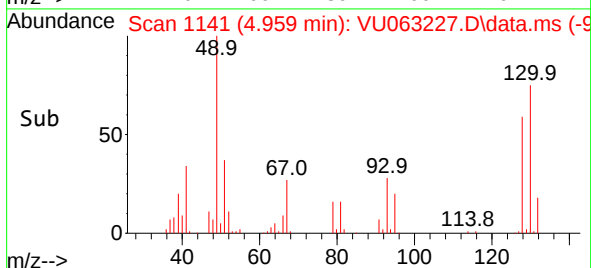
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

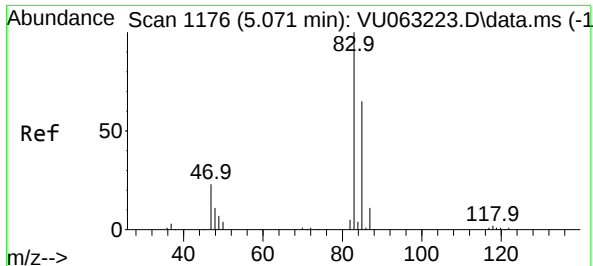


#26
Bromochloromethane
Concen: 9.544 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion:128 Resp: 73733
Ion Ratio Lower Upper
128 100
49 170.0 0.0 343.4
130 127.6 102.9 154.3





#27

Chloroform

Concen: 9.296 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 83 Resp: 28926

Ion Ratio Lower Upper

83 100

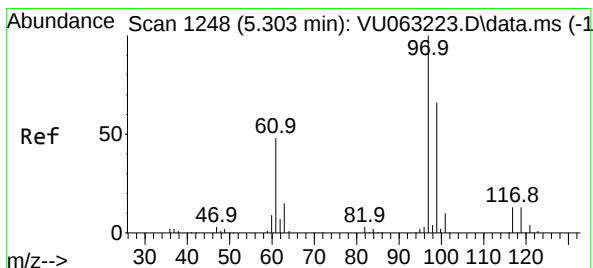
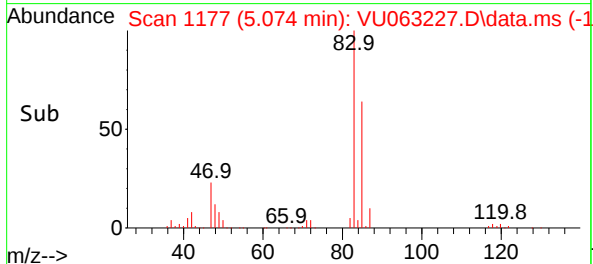
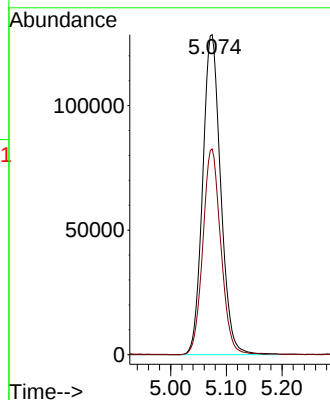
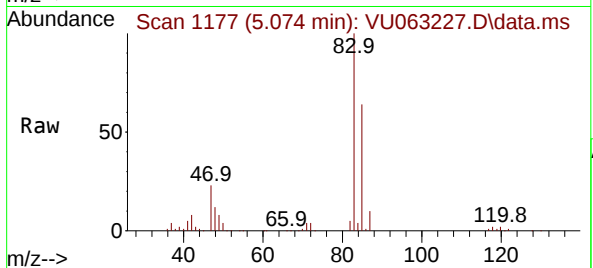
85 64.3 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 9.483 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

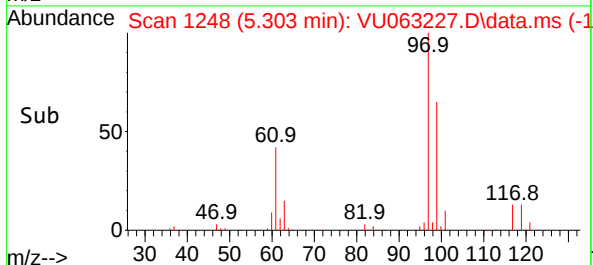
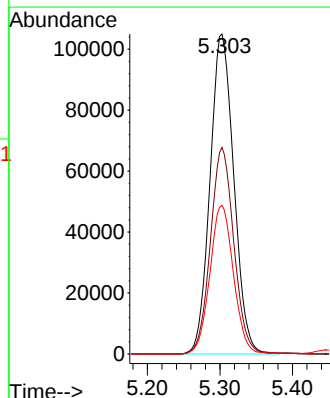
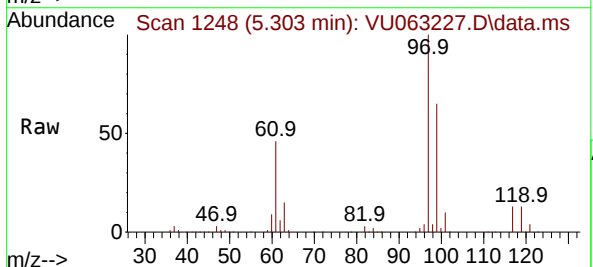
Tgt Ion: 97 Resp: 239040

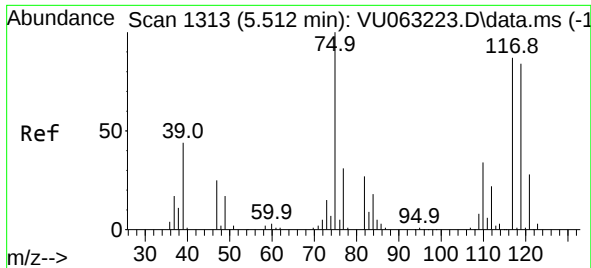
Ion Ratio Lower Upper

97 100

99 63.5 32.4 97.0

61 46.1 23.8 71.2





#29

1,1-Dichloropropene

Concen: 8.717 ug/l

RT: 5.515 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 75 Resp: 19680

Ion Ratio Lower Upper

75 100

110 35.5 17.2 51.5

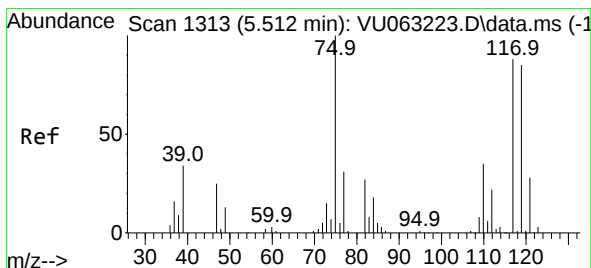
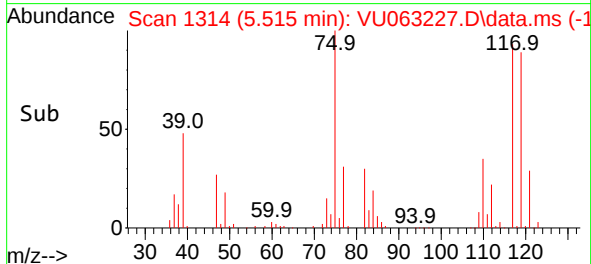
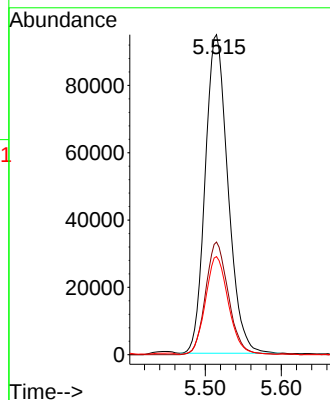
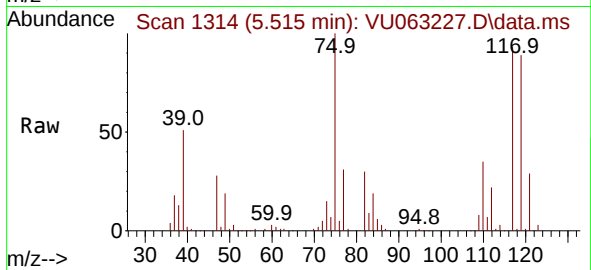
77 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#30

Carbon Tetrachloride

Concen: 9.311 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

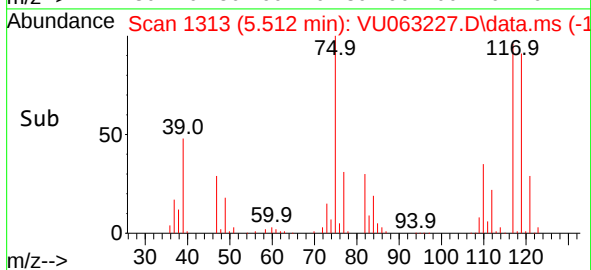
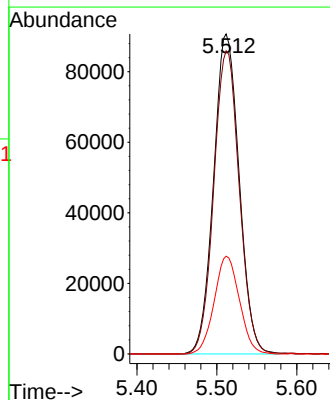
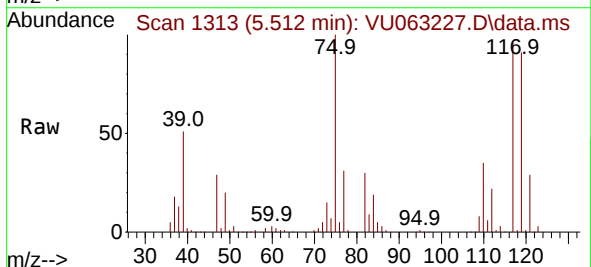
Tgt Ion:117 Resp: 201284

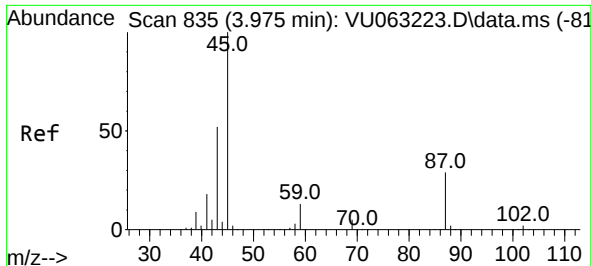
Ion Ratio Lower Upper

117 100

119 94.7 76.7 115.1

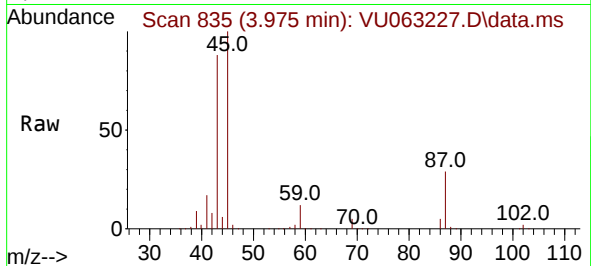
121 30.5 25.5 38.3





#31
Isopropyl Ether
Concen: 10.534 ug/l
RT: 3.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

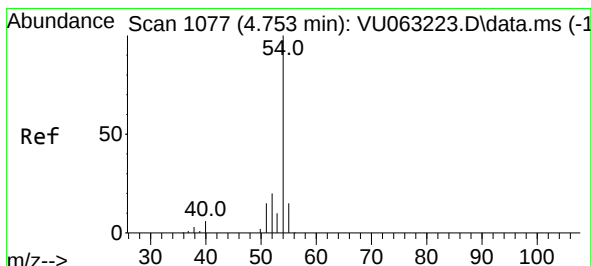
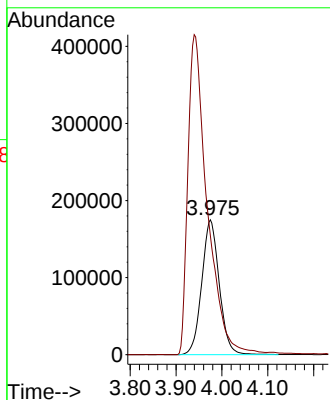
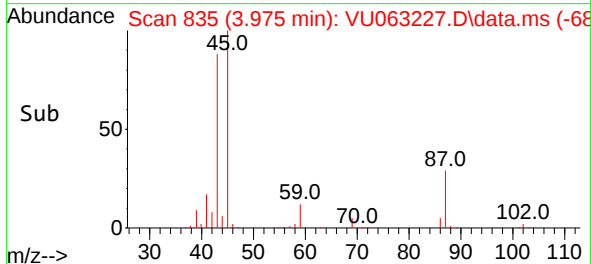
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 45 Resp: 46369
Ion Ratio Lower Upper
45 100
43 262.2 25.7 77.1

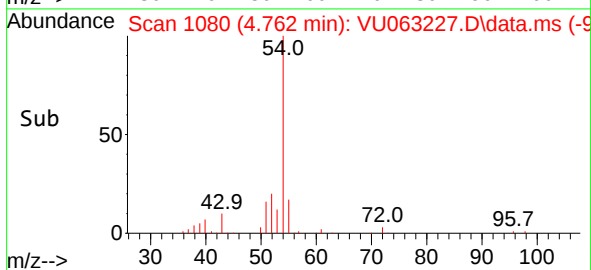
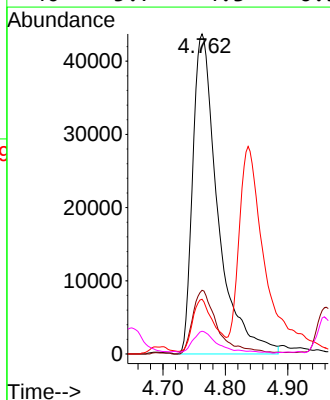
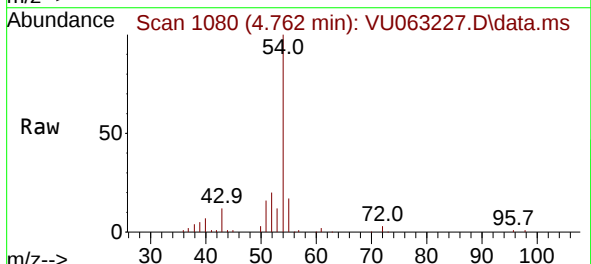
Manual Integrations
APPROVED

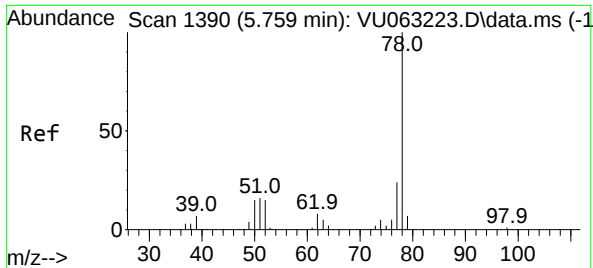
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#34
Propionitrile
Concen: 100.030 ug/l
RT: 4.762 min Scan# 1080
Delta R.T. 0.009 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion: 54 Resp: 122058
Ion Ratio Lower Upper
54 100
52 19.8 16.3 24.5
55 13.7 11.8 17.6
40 5.7 4.3 6.5





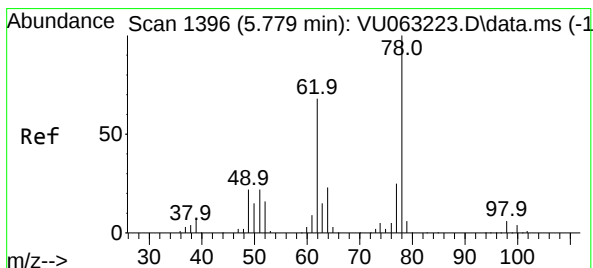
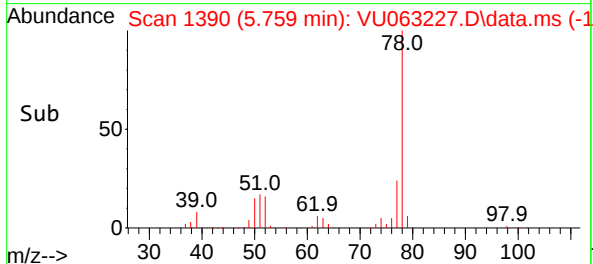
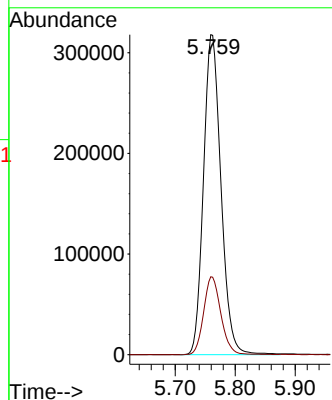
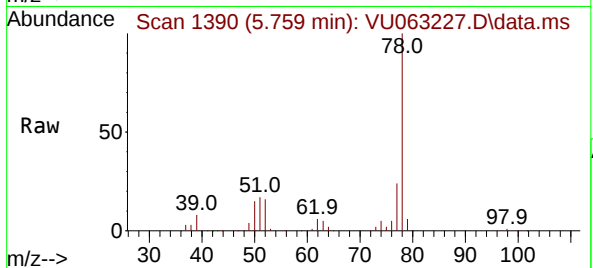
#35
Benzene
Concen: 9.305 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion: 78 Resp: 645948
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

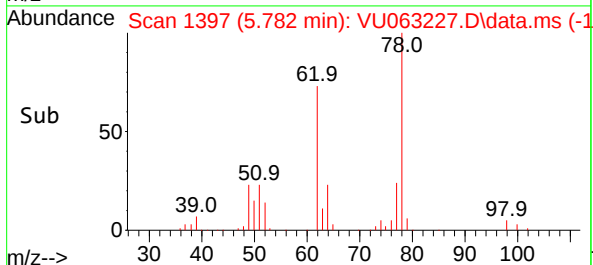
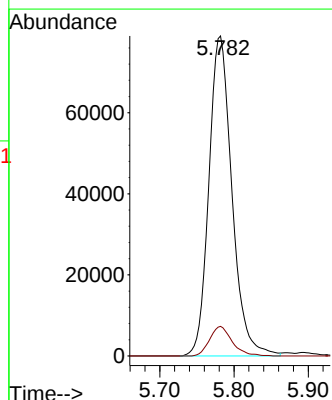
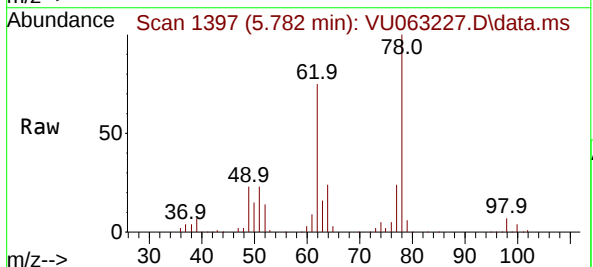
Manual Integrations
APPROVED

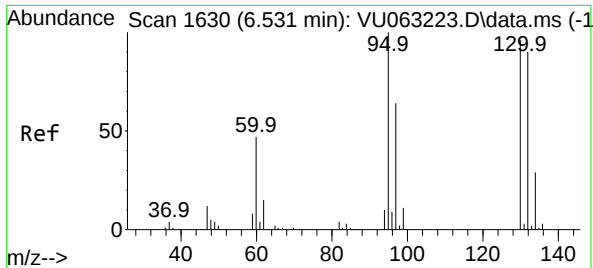
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 8.506 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

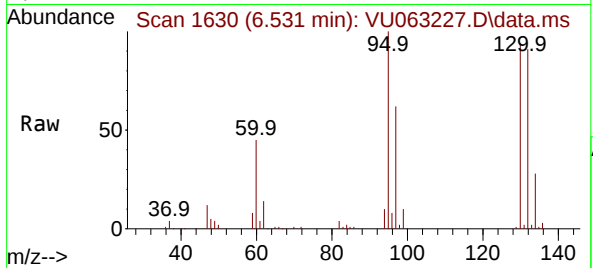
Tgt Ion: 62 Resp: 170414
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3





#37
Trichloroethene
Concen: 8.871 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

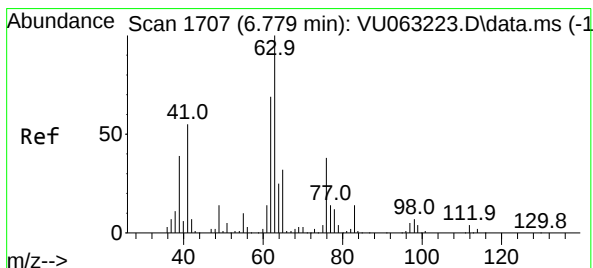
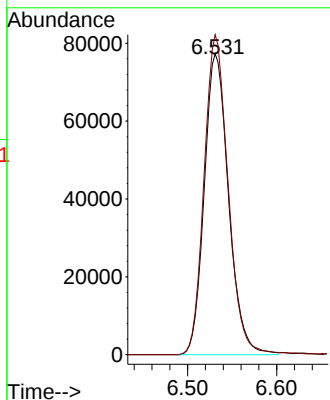
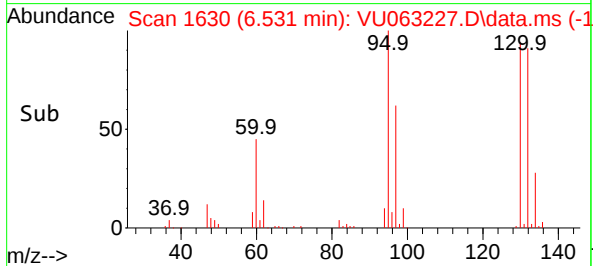
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



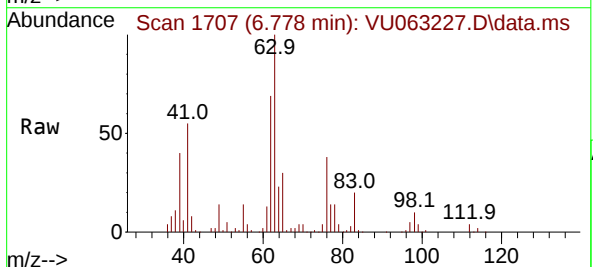
Tgt Ion:130 Resp: 146452
Ion Ratio Lower Upper
130 100
95 106.3 83.2 124.8

Manual Integrations
APPROVED

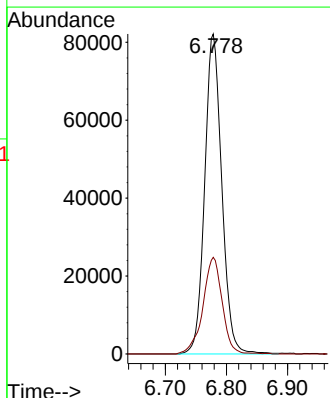
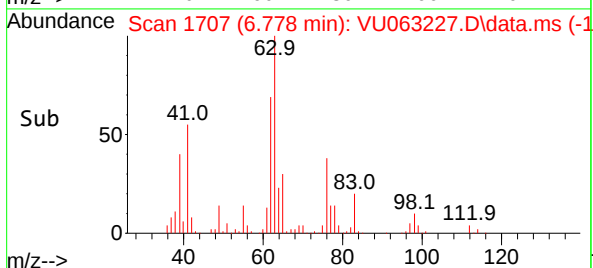
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

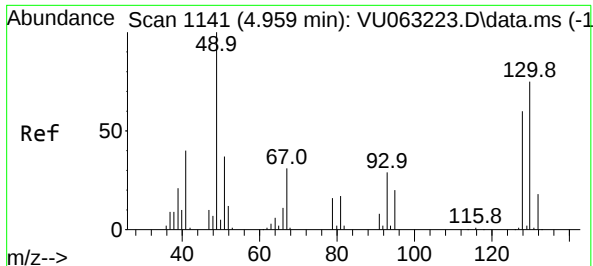


#38
1,2-Dichloropropane
Concen: 8.794 ug/l
RT: 6.778 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion: 63 Resp: 159772
Ion Ratio Lower Upper
63 100
65 30.2 25.3 37.9





#39

Methacrylonitrile

Concen: 10.277 ug/l

RT: 4.962 min Scan# 1141

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion: 41 Resp: 4673

Ion Ratio Lower Upper

41 100

67 84.8 64.5 96.7

39 53.8 43.0 64.6

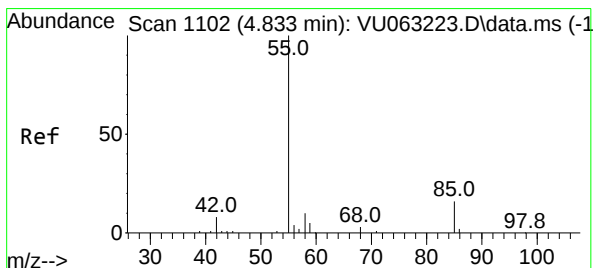
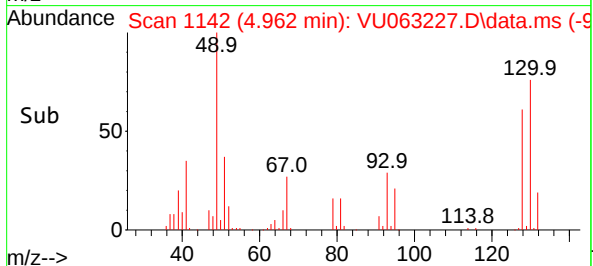
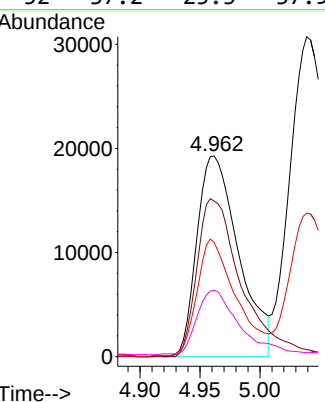
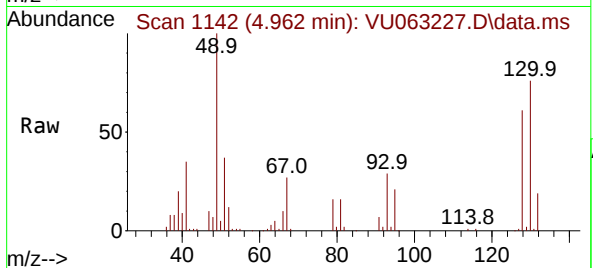
52 37.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 9.798 ug/l

RT: 4.836 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Tgt Ion: 55 Resp: 82118

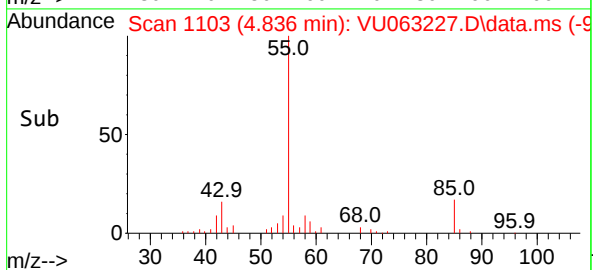
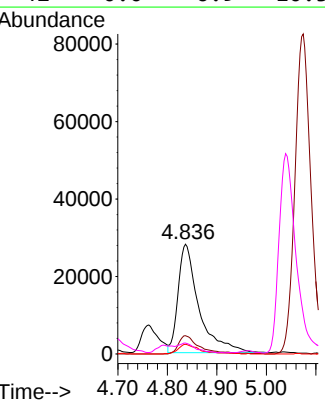
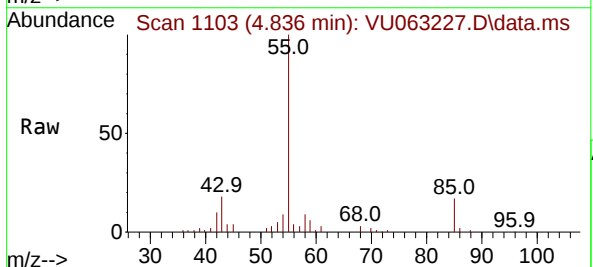
Ion Ratio Lower Upper

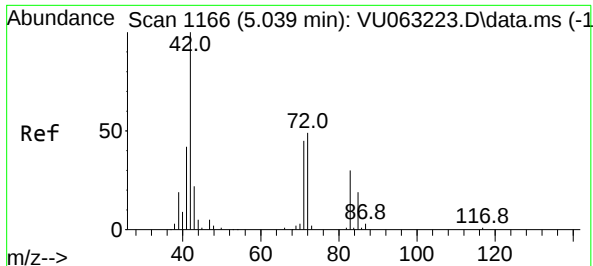
55 100

85 16.6 13.3 19.9

58 8.2 7.3 10.9

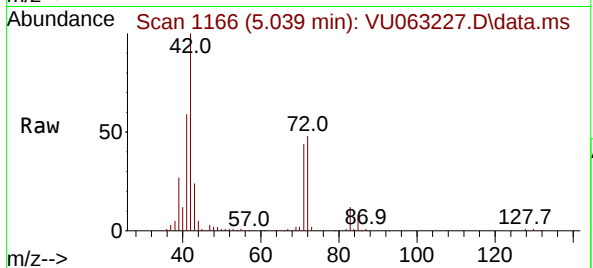
42 0.0 6.9 10.3





#41
Tetrahydrofuran
Concen: 46.529 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

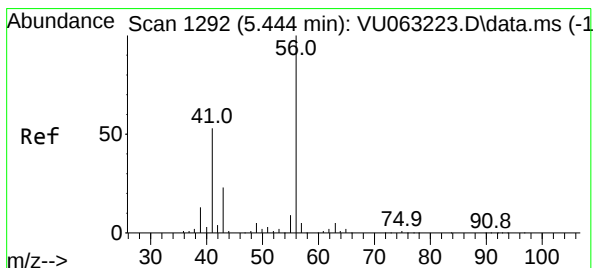
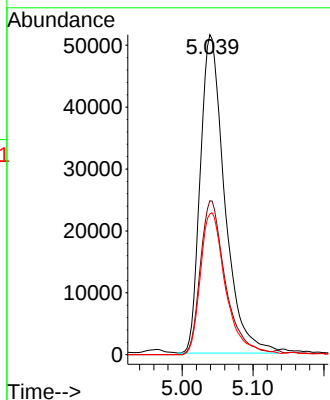
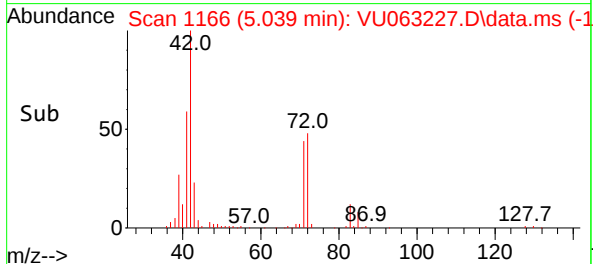
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



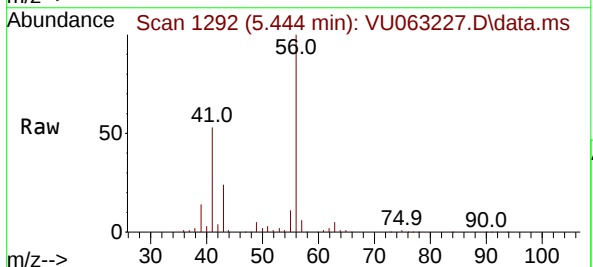
Tgt Ion: 42 Resp: 123058
Ion Ratio Lower Upper
42 100
72 49.7 41.5 62.3
71 46.2 37.2 55.8

Manual Integrations
APPROVED

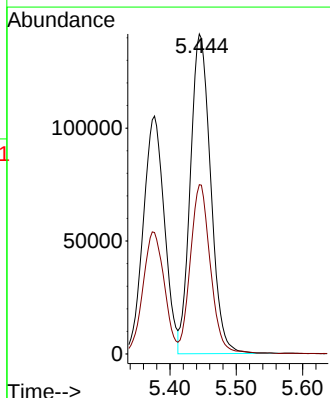
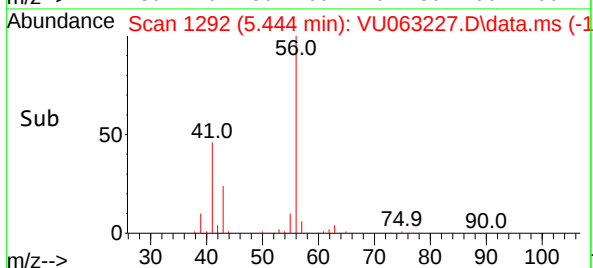
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

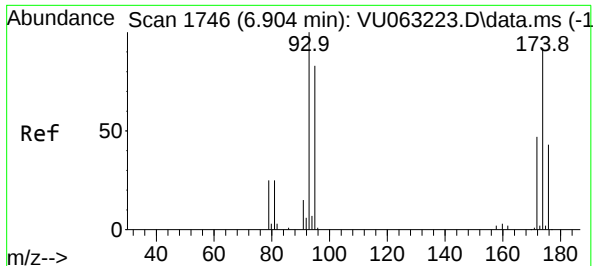


#42
1-Chlorobutane
Concen: 9.720 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



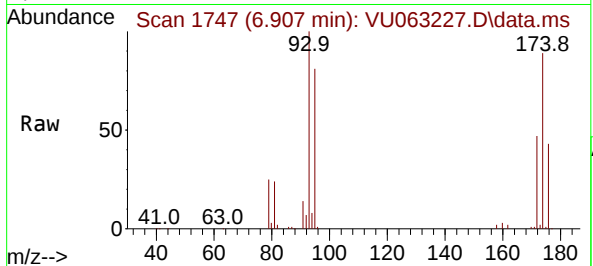
Tgt Ion: 56 Resp: 300232
Ion Ratio Lower Upper
56 100
41 51.9 26.3 78.8





#43
Dibromomethane
Concen: 9.055 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

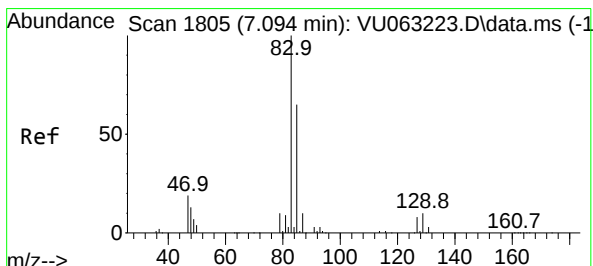
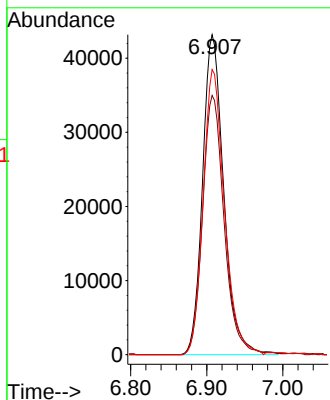
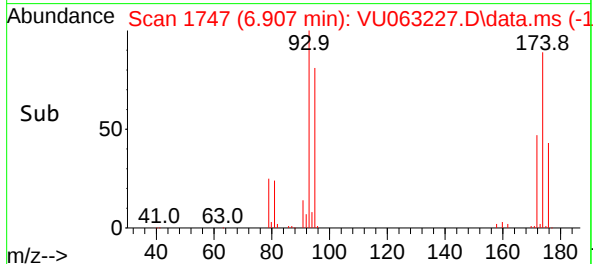
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



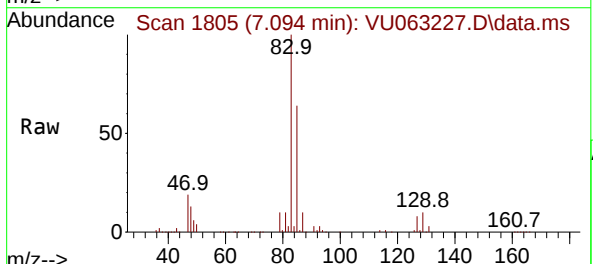
Tgt Ion: 93 Resp: 83308
Ion Ratio Lower Upper
93 100
95 82.4 67.2 100.8
174 89.9 75.7 113.5

Manual Integrations
APPROVED

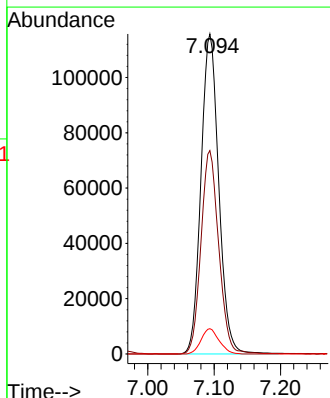
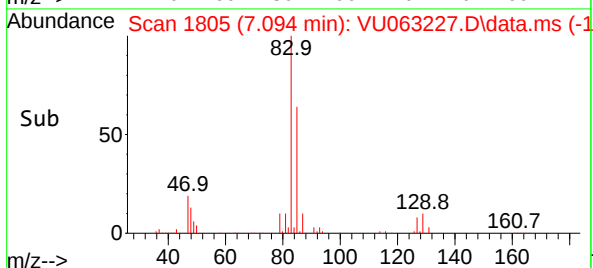
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

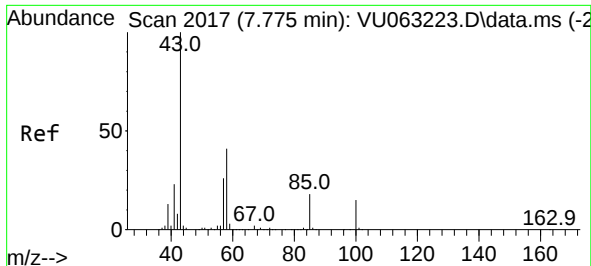


#44
Bromodichloromethane
Concen: 10.047 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



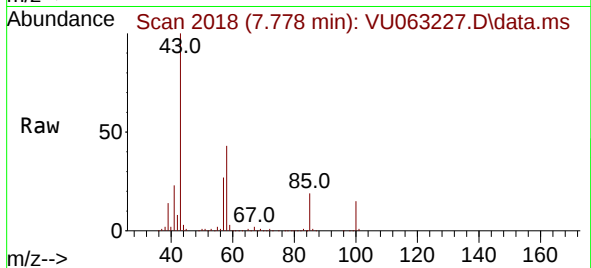
Tgt Ion: 83 Resp: 215139
Ion Ratio Lower Upper
83 100
85 63.6 51.7 77.5
127 7.9 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 48.787 ug/l
RT: 7.778 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

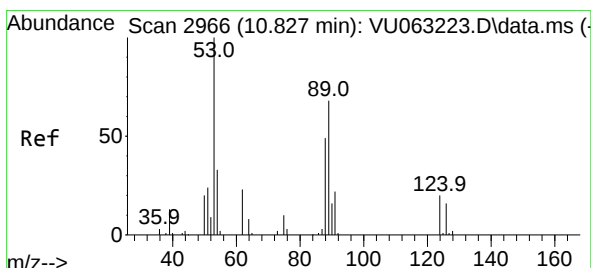
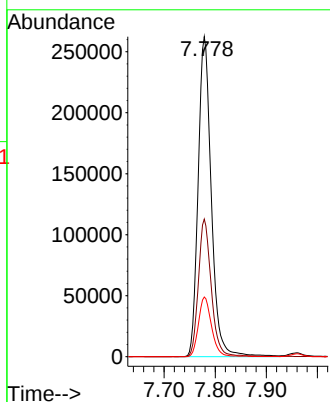
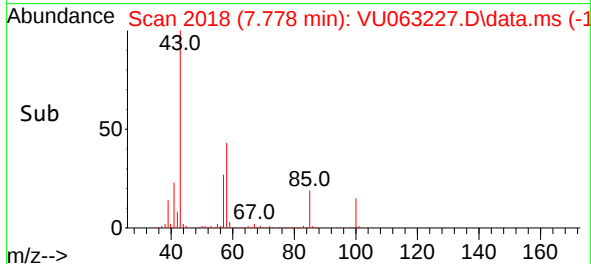
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion: 43 Resp: 47057
Ion Ratio Lower Upper
43 100
58 42.1 20.8 62.5
85 18.5 14.8 22.2

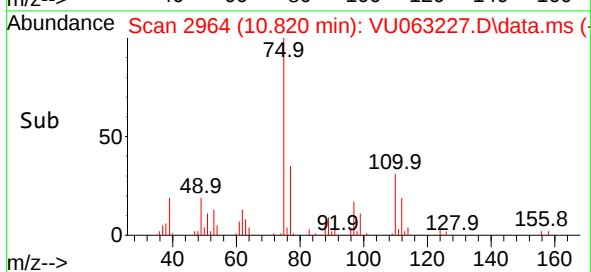
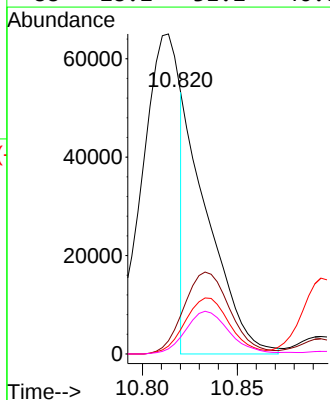
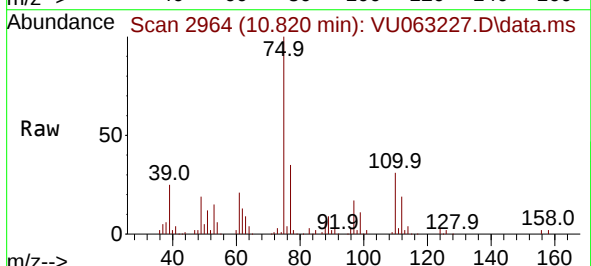
Manual Integrations
APPROVED

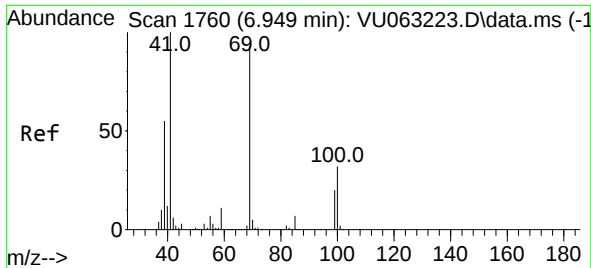
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 10.896 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

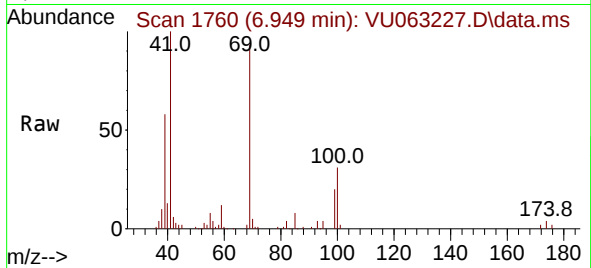
Tgt Ion: 75 Resp: 49406
Ion Ratio Lower Upper
75 100
53 57.3 64.5 96.7#
89 37.9 43.4 65.2#
88 28.2 31.2 46.8#





#47
Methyl methacrylate
Concen: 9.683 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

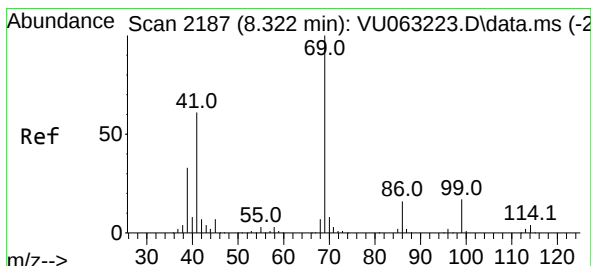
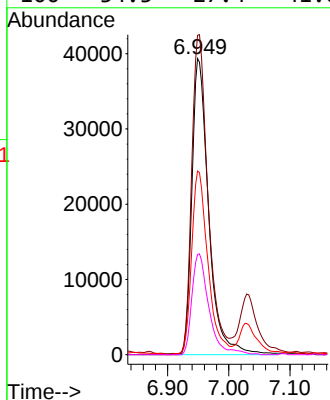
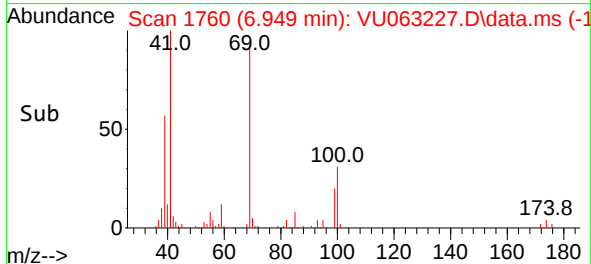
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



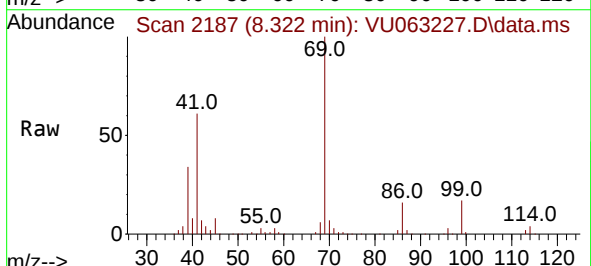
Tgt Ion: 69 Resp: 75036
Ion Ratio Lower Upper
69 100
41 103.9 0.0 217.0
39 60.4 47.7 71.5
100 34.3 27.4 41.0

Manual Integrations
APPROVED

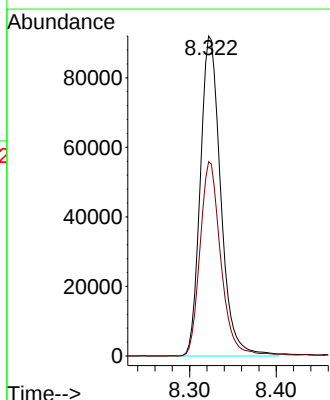
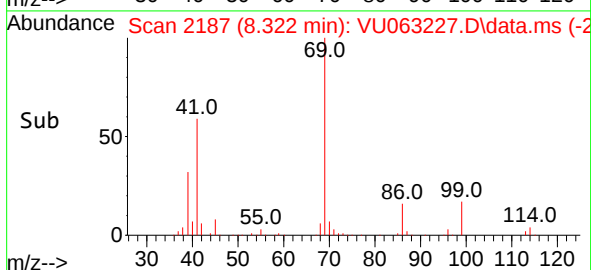
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

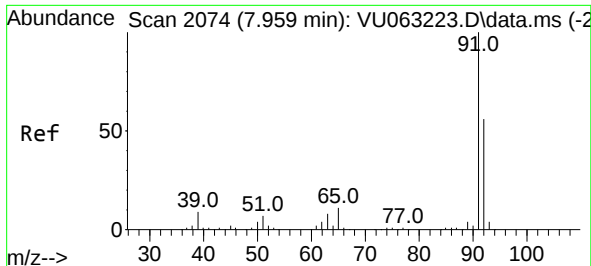


#48
Ethyl methacrylate
Concen: 10.355 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



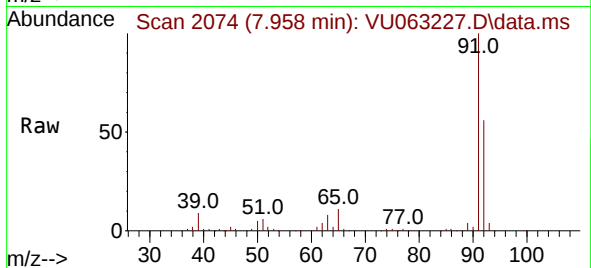
Tgt Ion: 69 Resp: 150671
Ion Ratio Lower Upper
69 100
41 62.1 30.6 92.0





#49
Toluene
Concen: 9.872 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

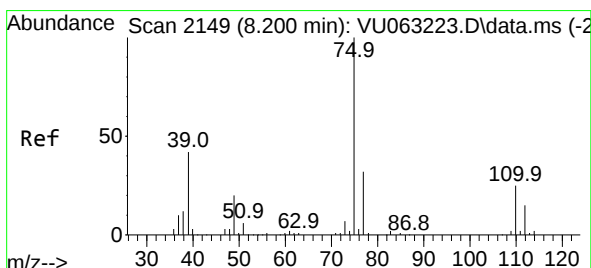
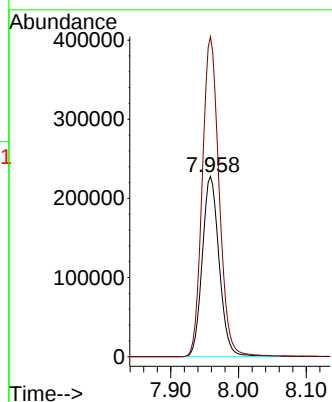
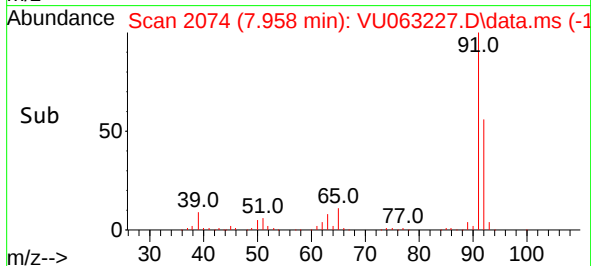
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



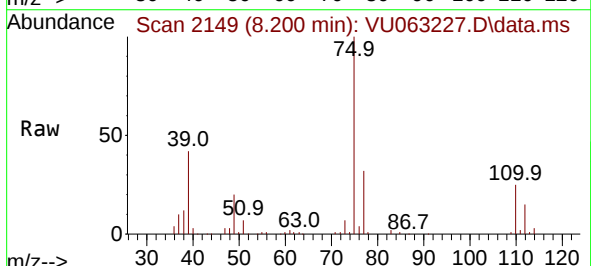
Tgt Ion: 92 Resp: 39410
Ion Ratio Lower Upper
92 100
91 177.5 141.8 212.6

Manual Integrations
APPROVED

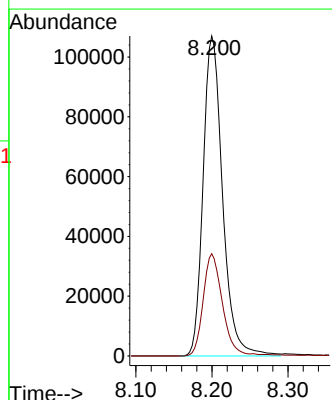
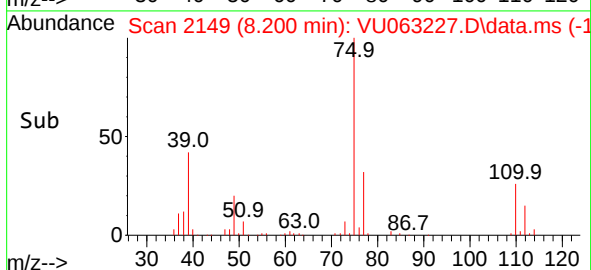
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

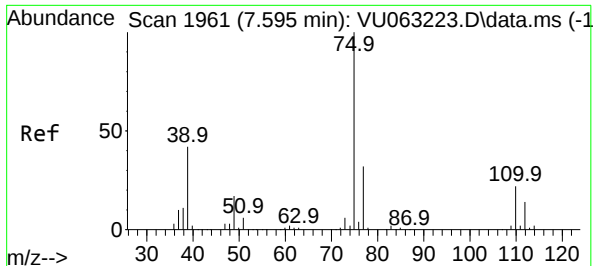


#50
t-1,3-Dichloropropene
Concen: 9.703 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion: 75 Resp: 190233
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9





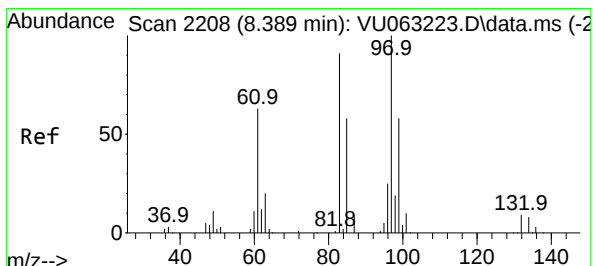
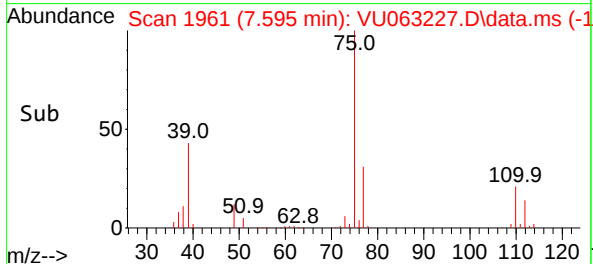
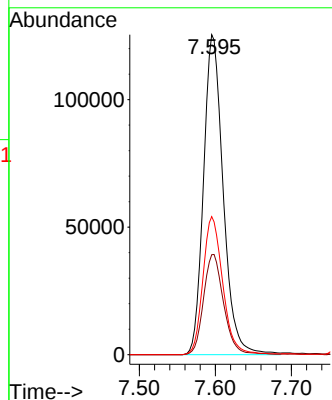
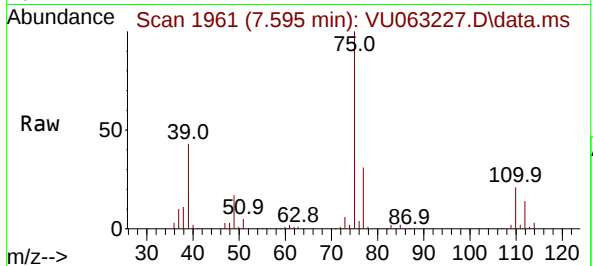
#51
cis-1,3-Dichloropropene
Concen: 9.319 ug/l
RT: 7.595 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion: 75 Resp: 22568
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 43.1 33.5 50.3

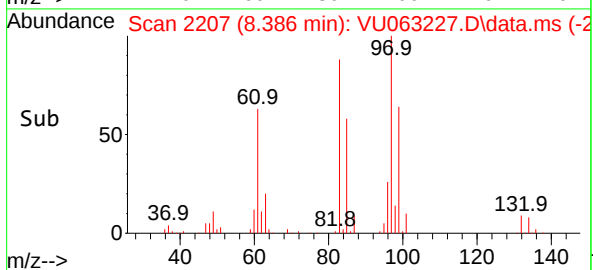
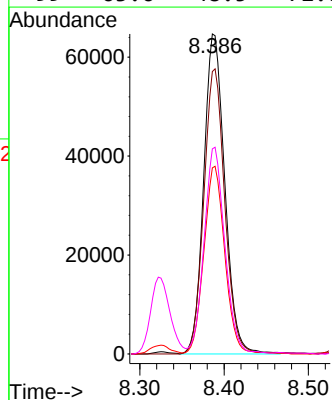
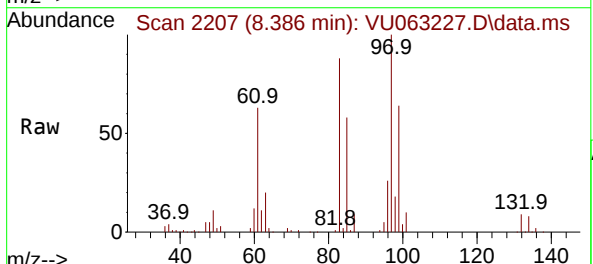
Manual Integrations
APPROVED

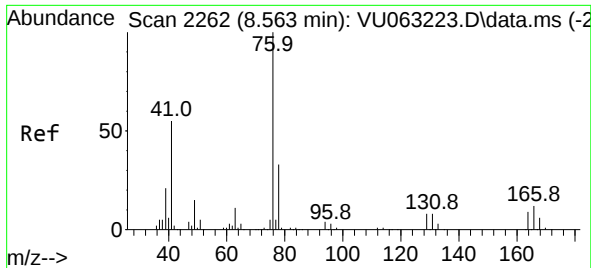
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#52
1,1,2-Trichloroethane
Concen: 9.082 ug/l
RT: 8.386 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

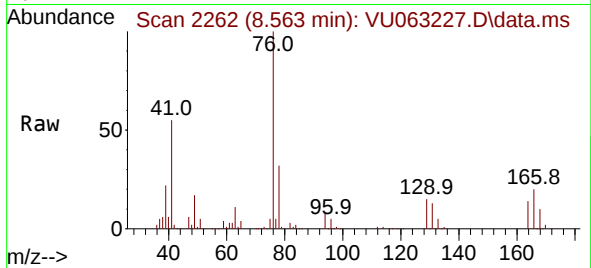
Tgt Ion: 97 Resp: 112663
Ion Ratio Lower Upper
97 100
83 88.2 73.0 109.4
85 57.9 46.3 69.5
99 63.6 48.5 72.7





#53
1,3-Dichloropropane
Concen: 8.908 ug/l
RT: 8.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

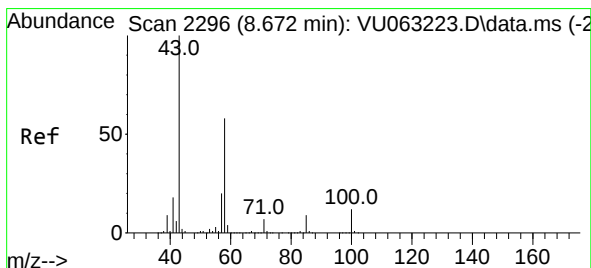
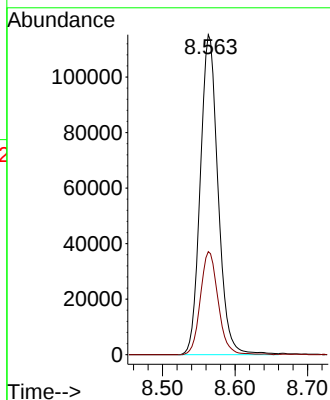
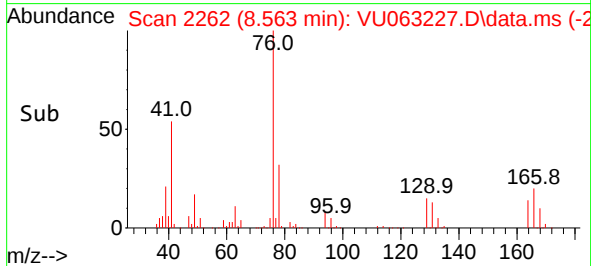
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



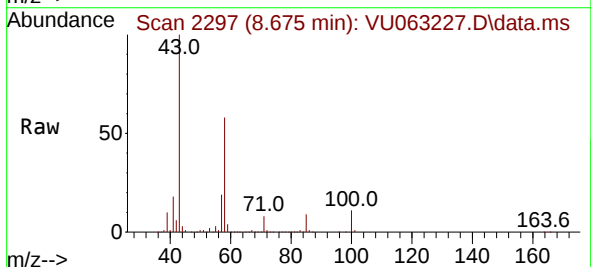
Tgt Ion: 76 Resp: 19617
Ion Ratio Lower Upper
76 100
78 32.1 26.3 39.5

Manual Integrations
APPROVED

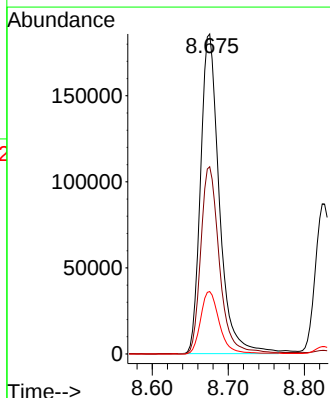
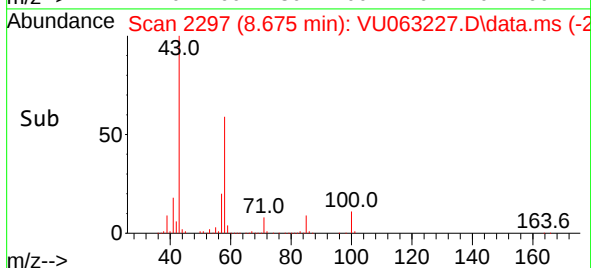
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

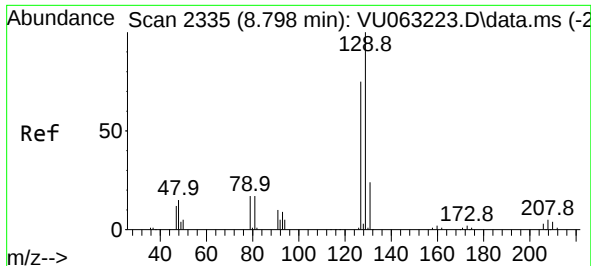


#54
2-Hexanone
Concen: 48.325 ug/l
RT: 8.675 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion: 43 Resp: 318084
Ion Ratio Lower Upper
43 100
58 58.5 38.0 78.0
57 19.6 0.0 39.1





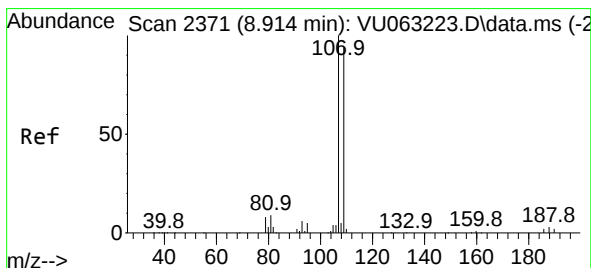
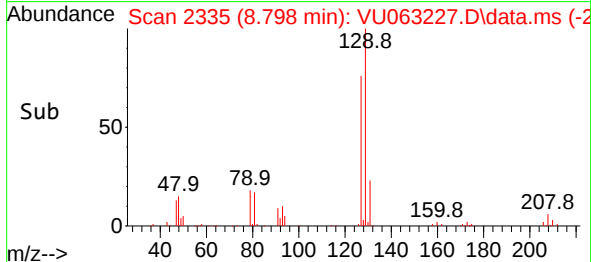
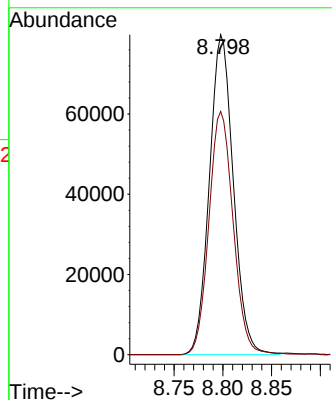
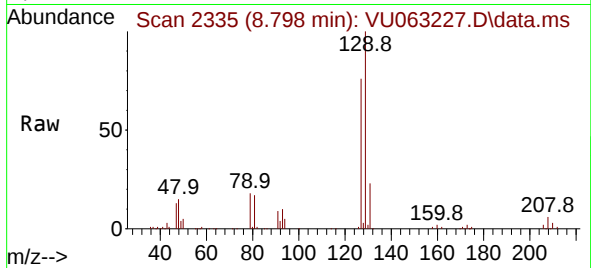
#55
Dibromochloromethane
Concen: 9.564 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion:129 Resp: 13648
Ion Ratio Lower Upper
129 100
127 77.0 60.4 90.6

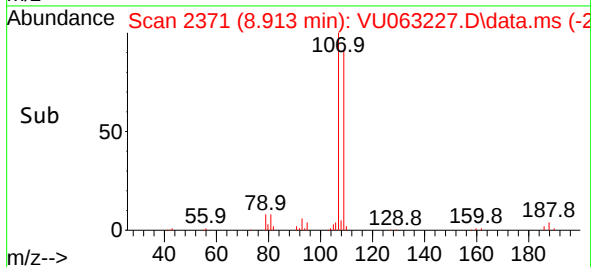
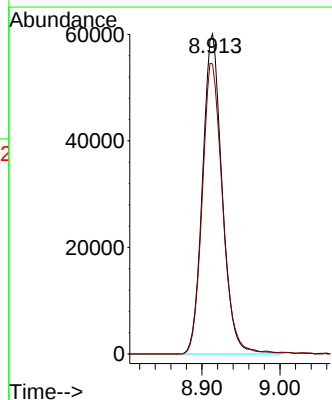
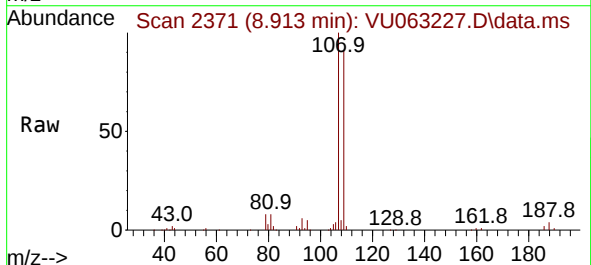
Manual Integrations
APPROVED

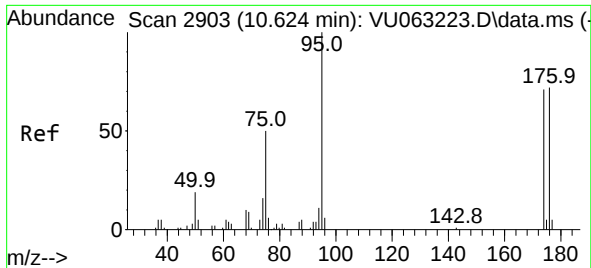
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 9.020 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

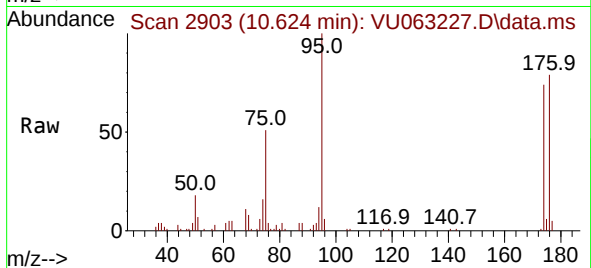
Tgt Ion:107 Resp: 104935
Ion Ratio Lower Upper
107 100
109 93.4 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.354 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

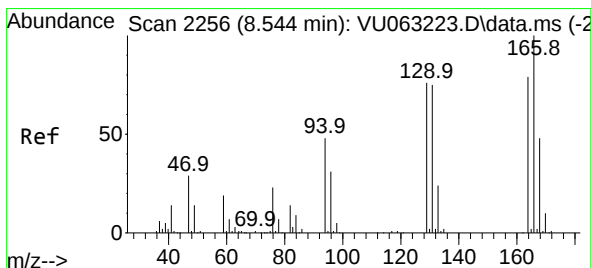
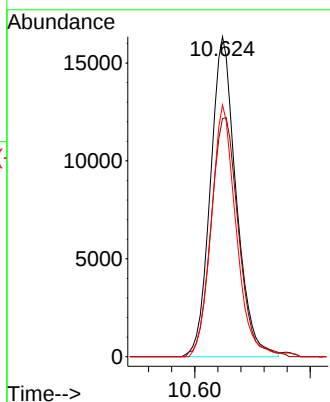
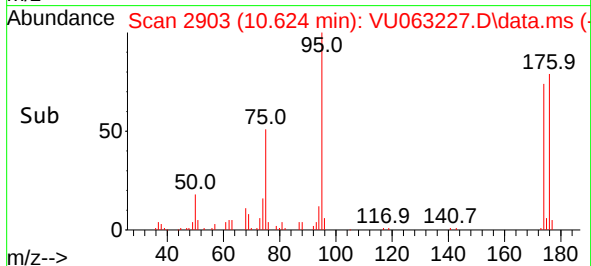
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



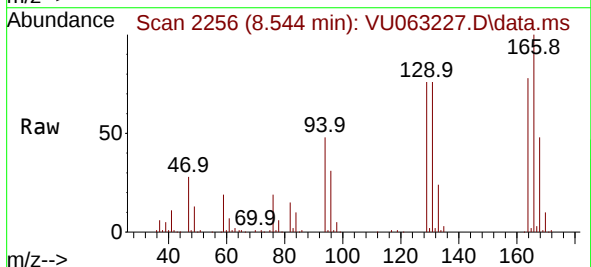
Tgt Ion: 95 Resp: 2523
Ion Ratio Lower Upper
95 100
174 80.2 58.6 88.0
176 76.2 58.2 87.4

Manual Integrations
APPROVED

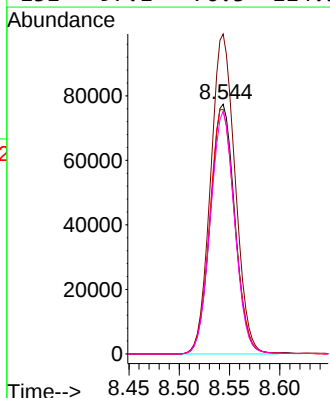
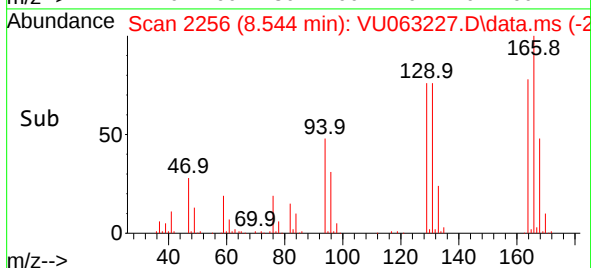
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

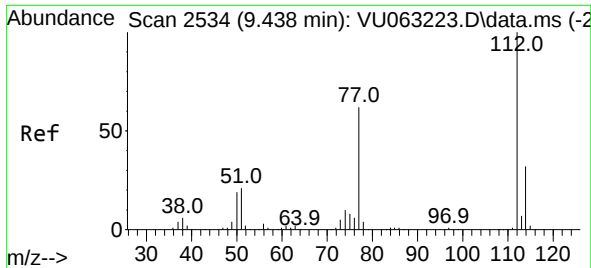


#58
Tetrachloroethene
Concen: 9.644 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



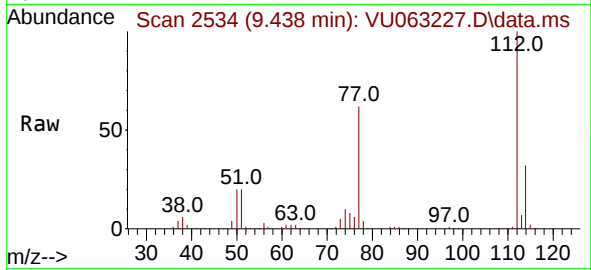
Tgt Ion:164 Resp: 131195
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 97.9 77.0 115.4
131 97.1 76.3 114.5





#59
Chlorobenzene
Concen: 9.767 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

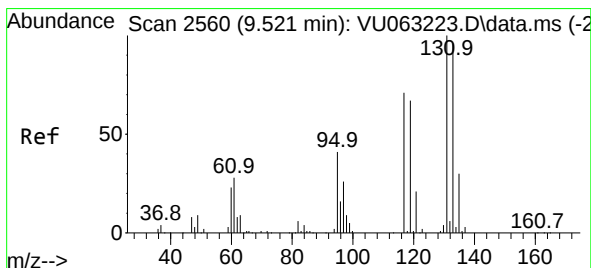
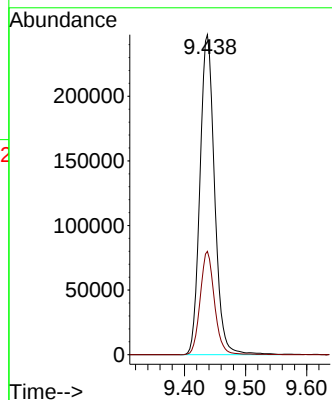
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



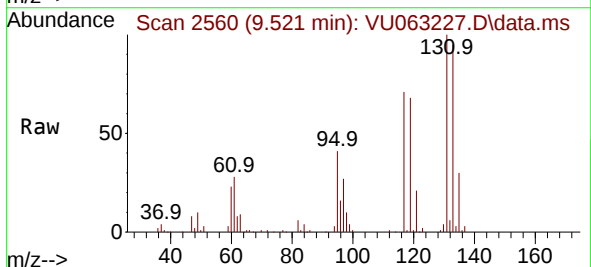
Tgt Ion:112 Resp: 411460
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

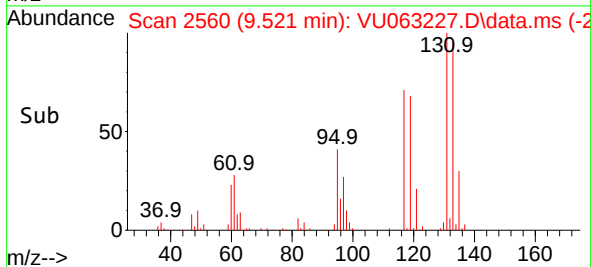
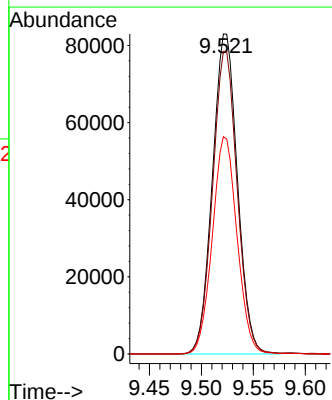
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

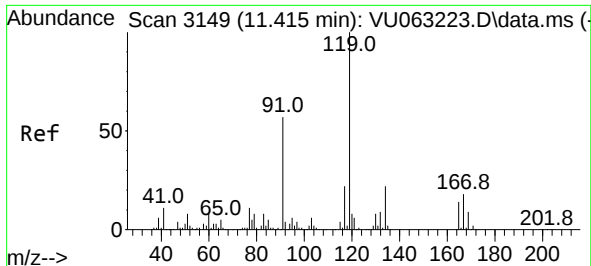


#60
1,1,1,2-Tetrachloroethane
Concen: 9.150 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



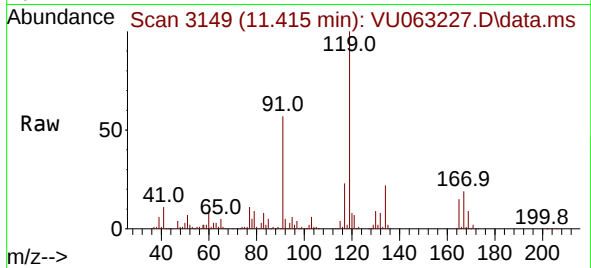
Tgt Ion:131 Resp: 138560
Ion Ratio Lower Upper
131 100
133 93.7 76.7 115.1
119 67.2 54.4 81.6





#61
Pentachloroethane
Concen: 9.395 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

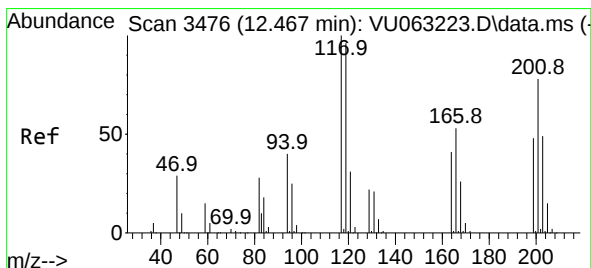
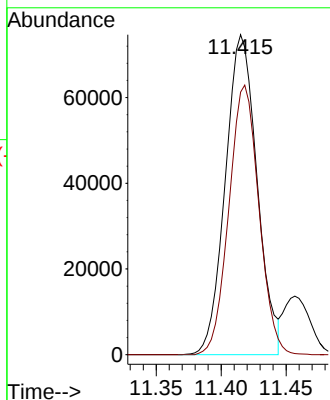
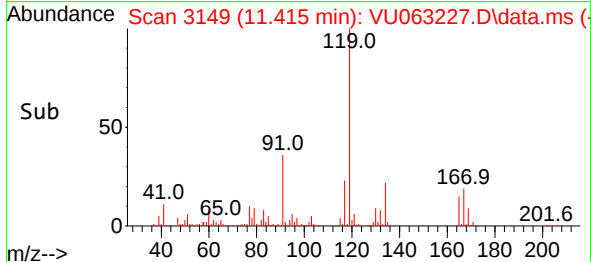
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



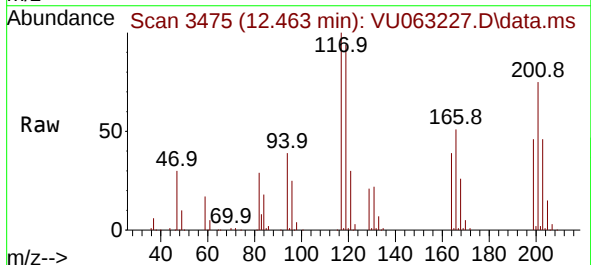
Tgt Ion:117 Resp: 127090
Ion Ratio Lower Upper
117 100
167 79.6 65.0 97.6

Manual Integrations
APPROVED

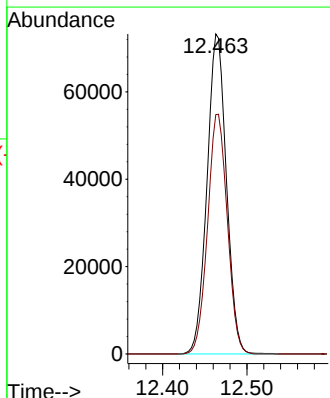
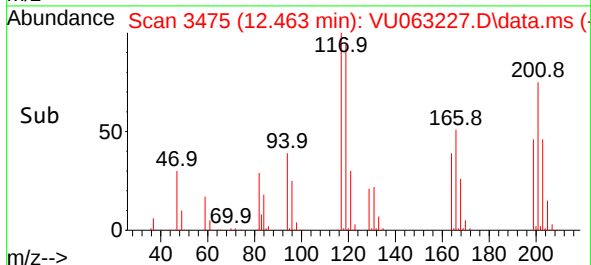
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

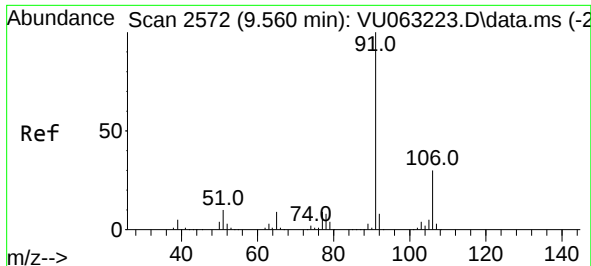


#62
Hexachloroethane
Concen: 9.808 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



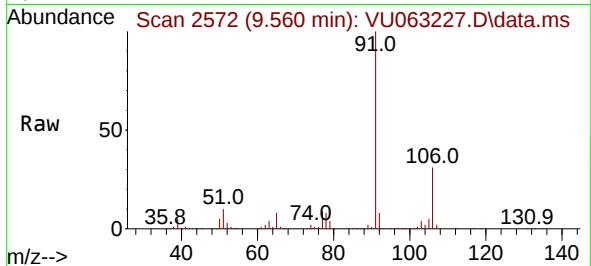
Tgt Ion:117 Resp: 117375
Ion Ratio Lower Upper
117 100
201 75.9 61.3 91.9





#63
Ethyl Benzene
Concen: 10.366 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

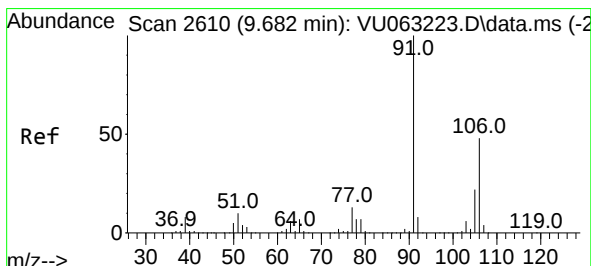
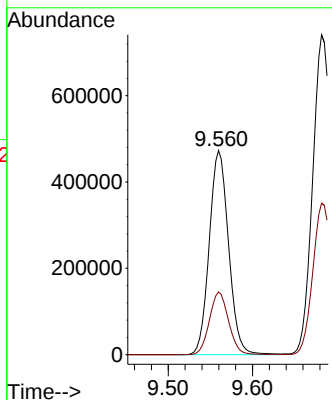
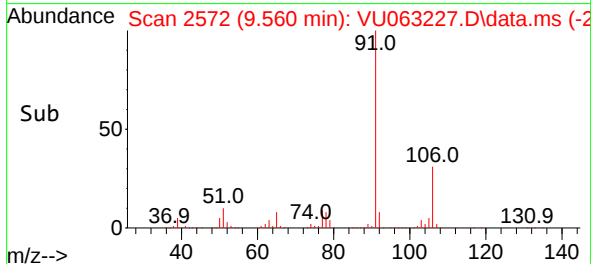
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



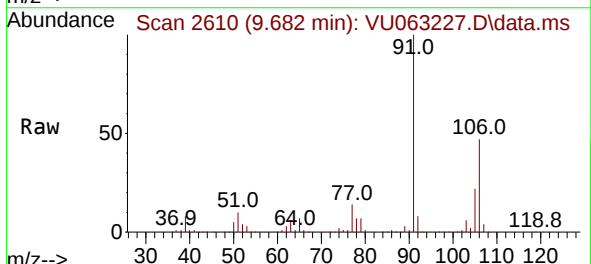
Tgt Ion: 91 Resp: 75310
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

Manual Integrations
APPROVED

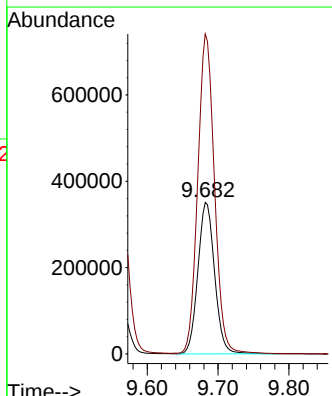
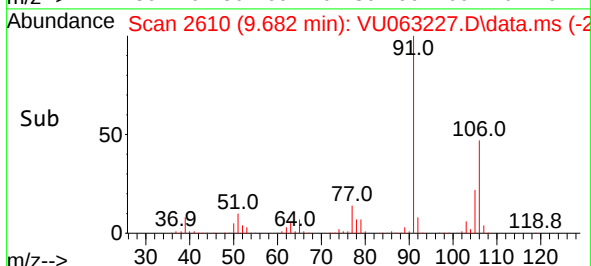
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

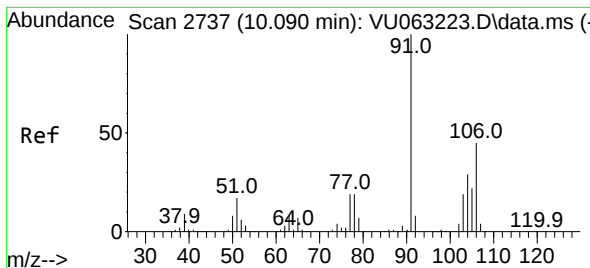


#64
m/p-Xylenes
Concen: 21.178 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



Tgt Ion:106 Resp: 574738
Ion Ratio Lower Upper
106 100
91 211.3 166.9 250.3





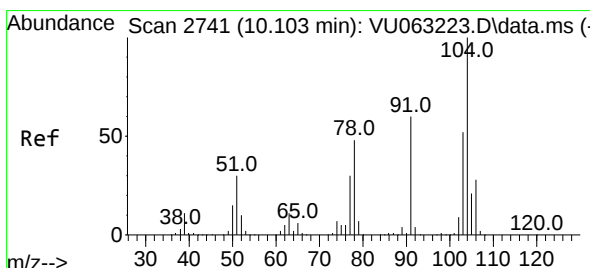
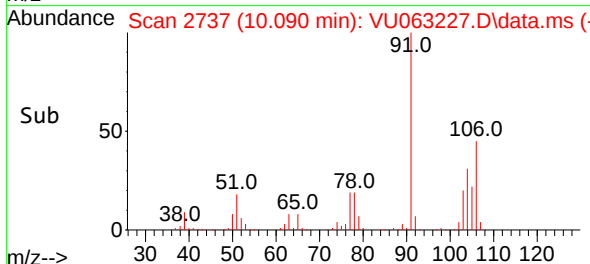
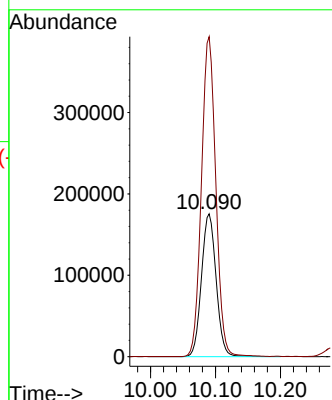
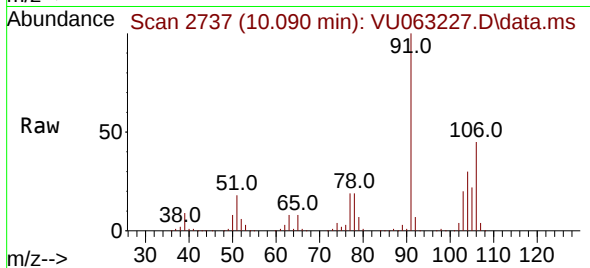
#65
o-Xylene
Concen: 10.384 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion:106 Resp: 27587
Ion Ratio Lower Upper
106 100
91 219.6 110.9 332.9

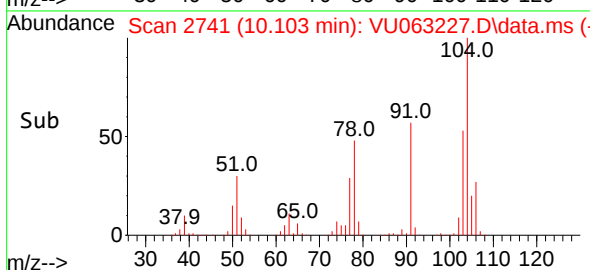
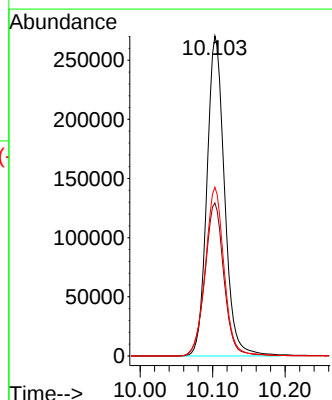
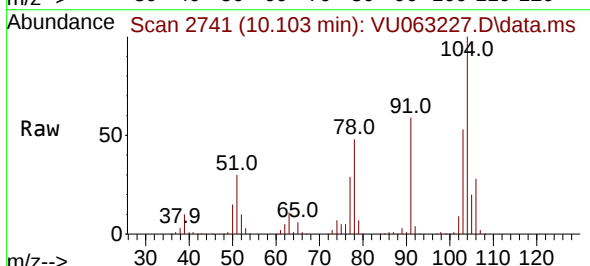
Manual Integrations
APPROVED

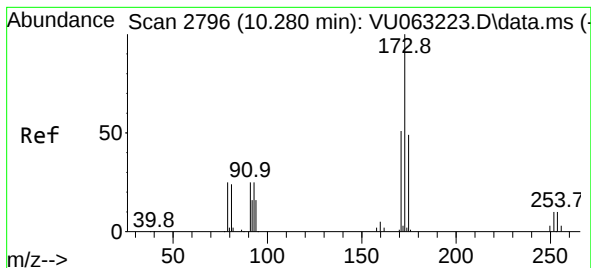
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 10.830 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion:104 Resp: 457882
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 56.3 44.8 67.2





#67

Bromoform

Concen: 9.606 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

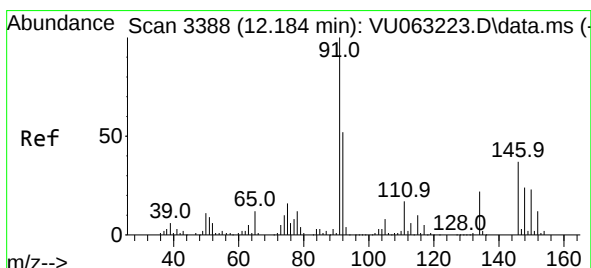
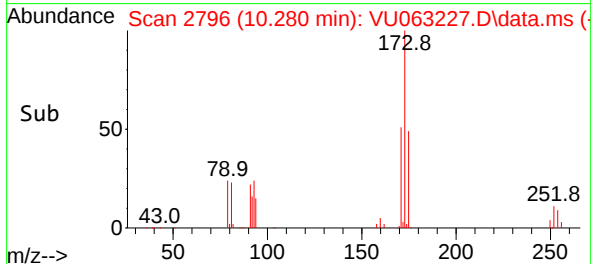
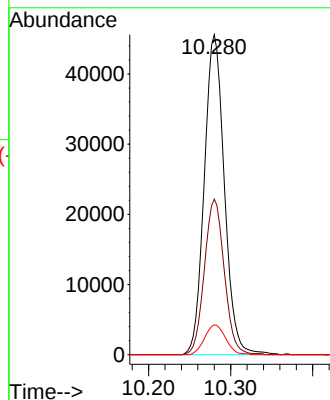
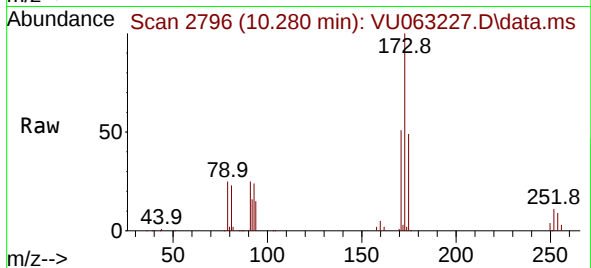
Tgt Ion:173	Resp:	7780
Ion Ratio	Lower	Upper
173	100	
175	48.0	39.0 58.4
254	9.7	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.953 ug/l

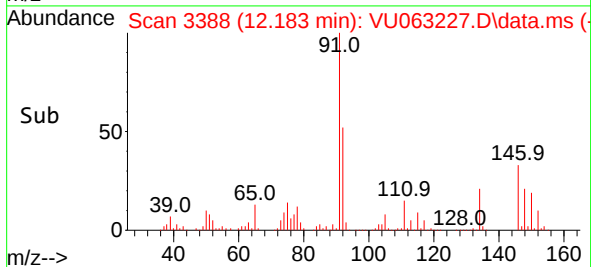
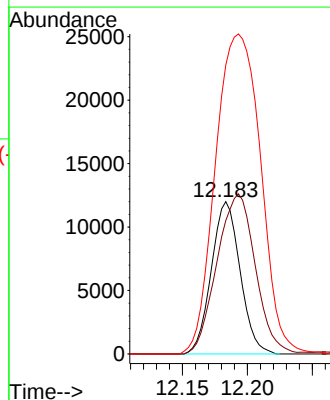
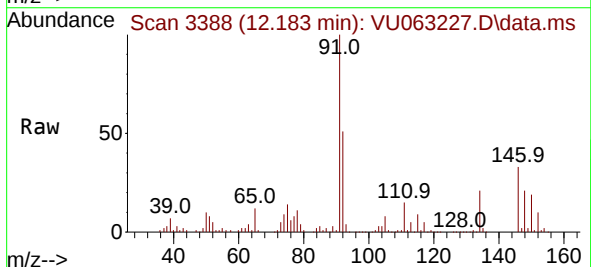
RT: 12.183 min Scan# 3388

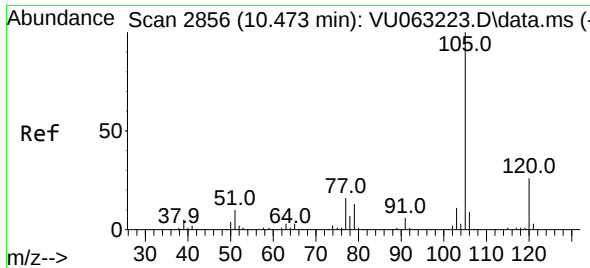
Delta R.T. -0.000 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Tgt Ion:152	Resp:	18463
Ion Ratio	Lower	Upper
152	100	
115	140.1	0.0 275.2
150	330.7	0.0 658.4





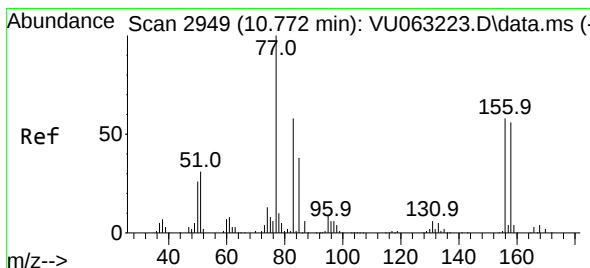
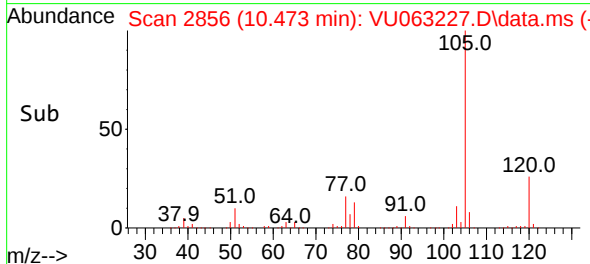
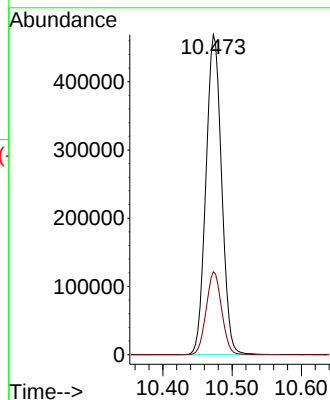
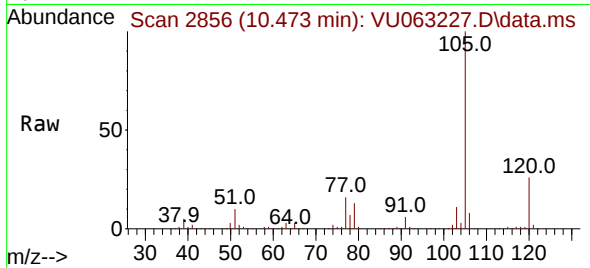
#69
Isopropylbenzene
Concen: 11.767 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument : MSVOA_U
ClientSampleId : ICVVU021025

Tgt Ion:105 Resp: 734939
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

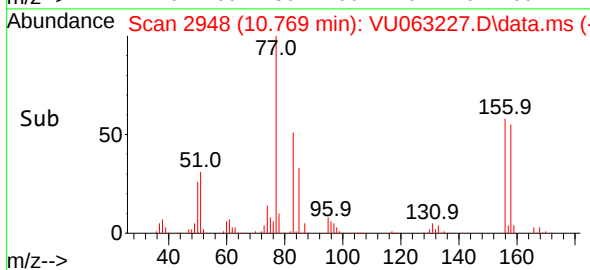
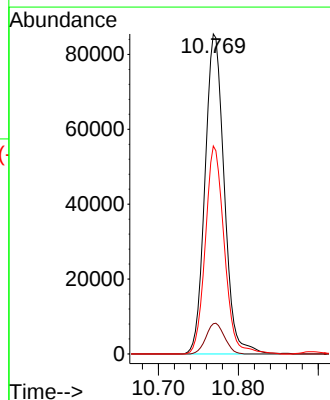
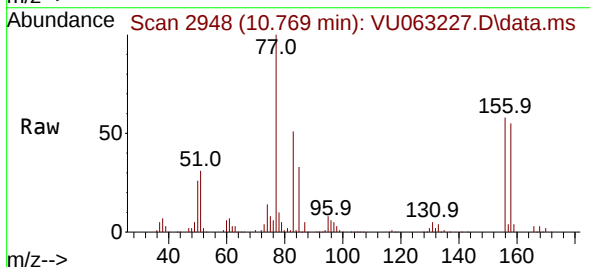
Manual Integrations
APPROVED

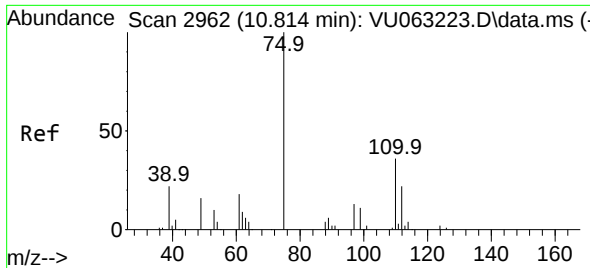
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 8.545 ug/l
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

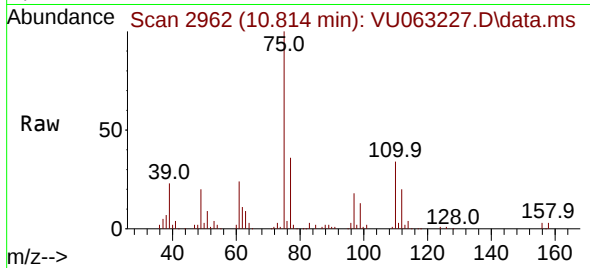
Tgt Ion: 83 Resp: 142854
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.1 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 8.443 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

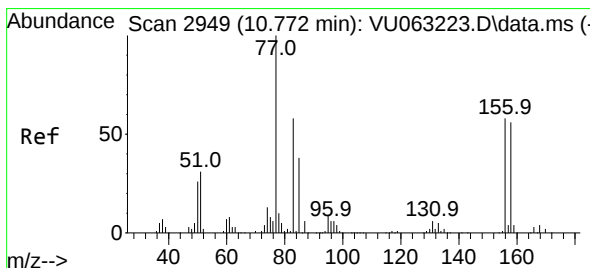
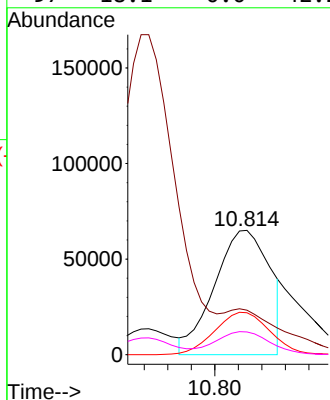
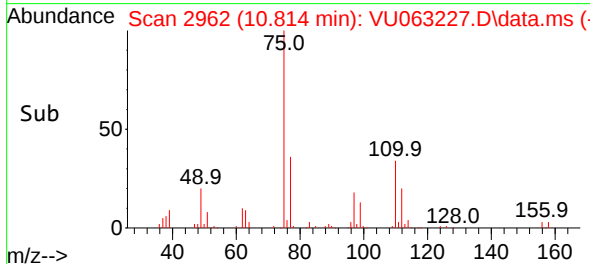
Instrument : MSVOA_U
ClientSampleId : ICVVU021025



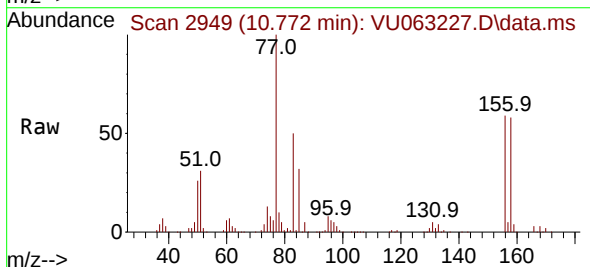
Tgt Ion: 75 Resp: 106040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.3 0.0 77.0
97 18.1 0.0 42.2

Manual Integrations
APPROVED

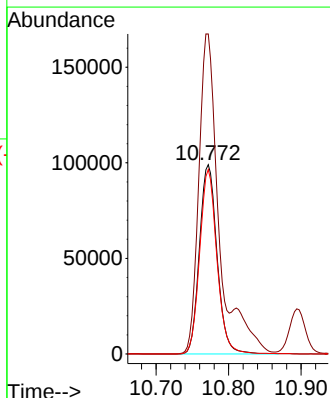
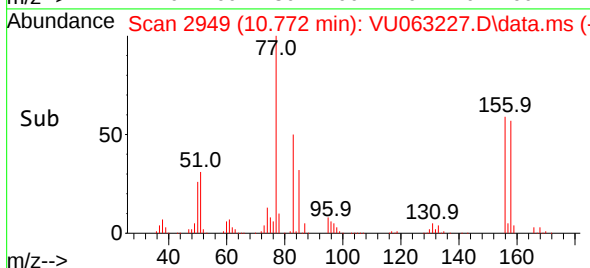
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

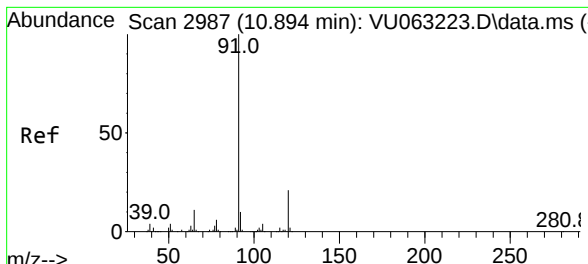


#72
Bromobenzene
Concen: 9.945 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



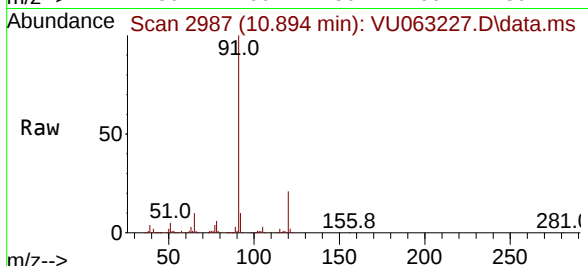
Tgt Ion:156 Resp: 167353
Ion Ratio Lower Upper
156 100
77 169.8 0.0 343.6
158 95.6 0.0 193.0





#73
n-propylbenzene
Concen: 10.744 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

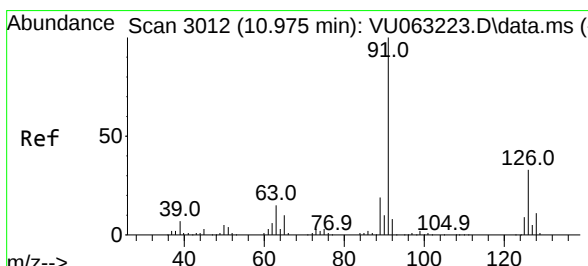
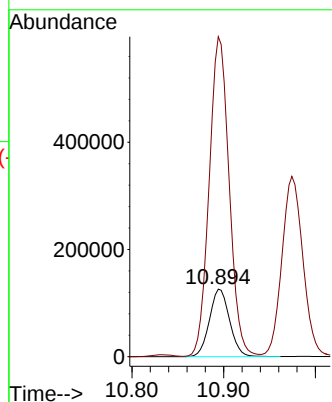
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion:120 Resp: 192125
Ion Ratio Lower Upper
120 100
91 469.3 369.8 554.6

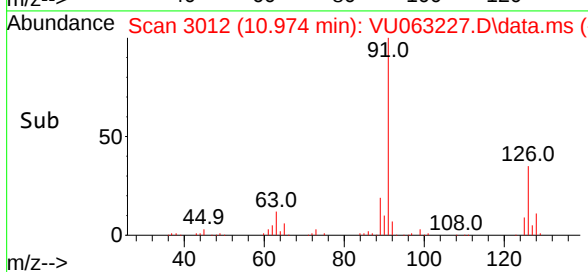
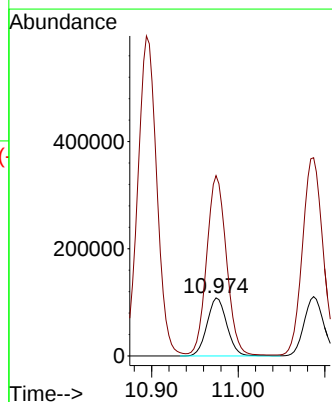
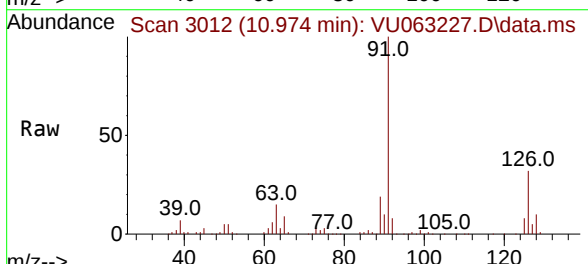
Manual Integrations
APPROVED

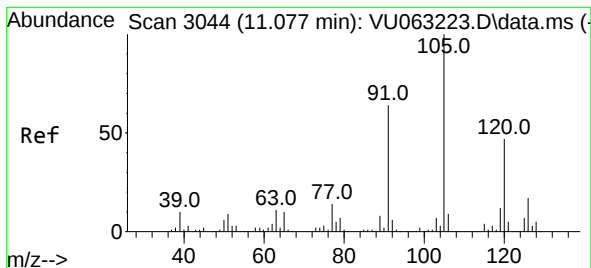
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 10.454 ug/l
RT: 10.974 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion:126 Resp: 172282
Ion Ratio Lower Upper
126 100
91 310.4 0.0 623.8





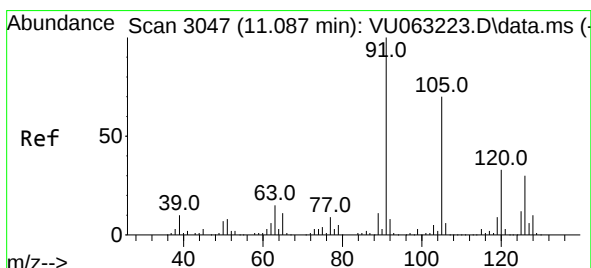
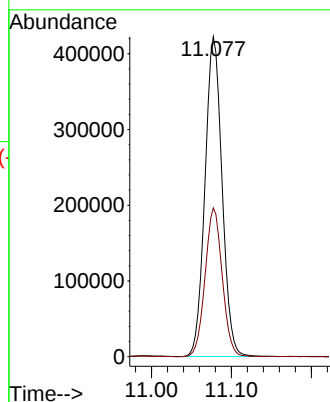
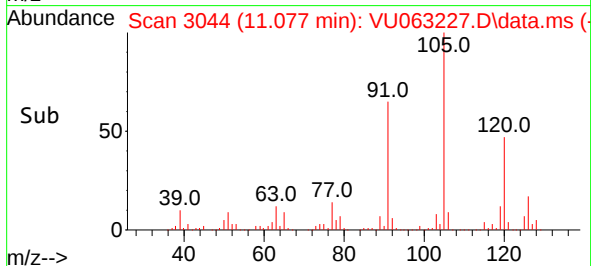
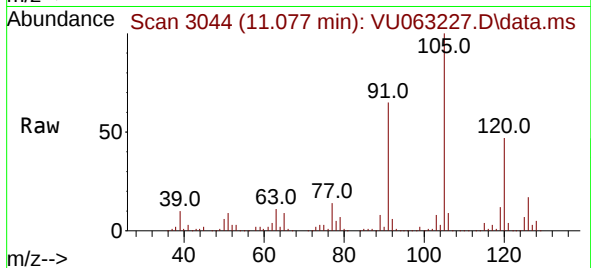
#75
1,3,5-Trimethylbenzene
Concen: 10.853 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion:105 Resp: 62809
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

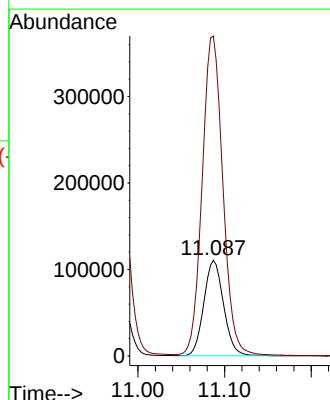
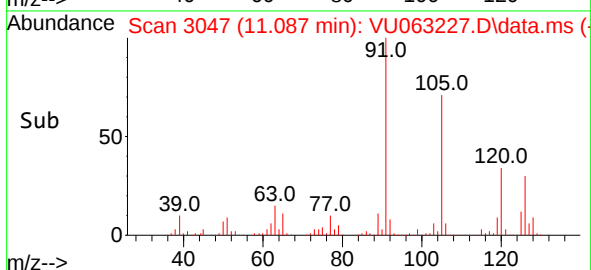
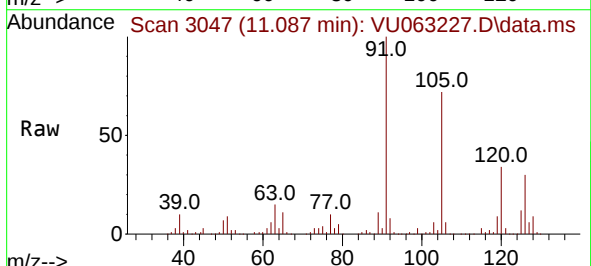
Manual Integrations
APPROVED

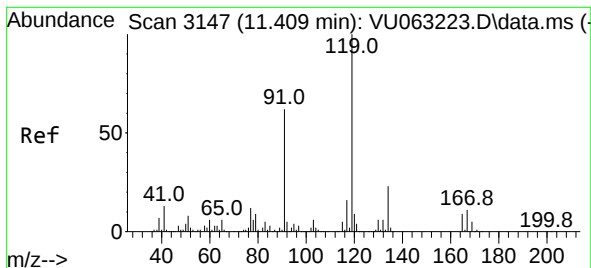
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#76
4-Chlorotoluene
Concen: 10.373 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion:126 Resp: 175303
Ion Ratio Lower Upper
126 100
91 350.0 0.0 703.6





#77

tert-Butylbenzene

Concen: 10.355 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.000 min

Lab File: VU063227.D

Acq: 11 Feb 2025 08:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021025

Tgt Ion:119 Resp: 606100

Ion Ratio Lower Upper

119 100

91 59.9 29.4 88.3

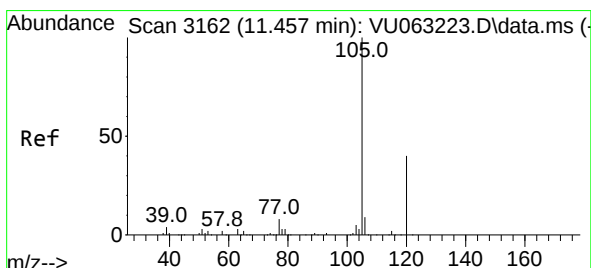
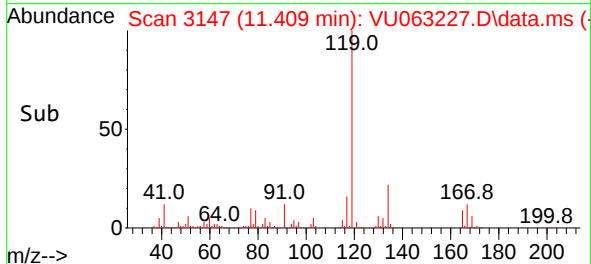
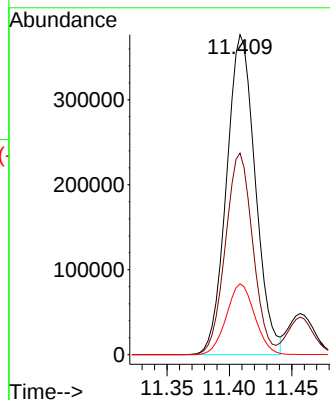
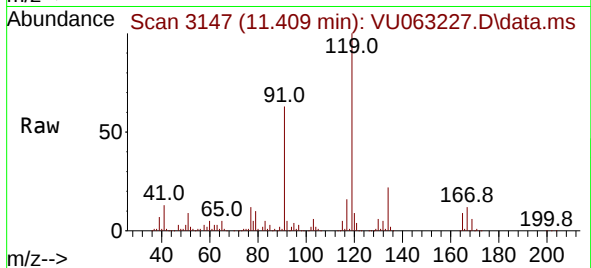
134 21.8 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#78

1,2,4-Trimethylbenzene

Concen: 10.746 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VU063227.D

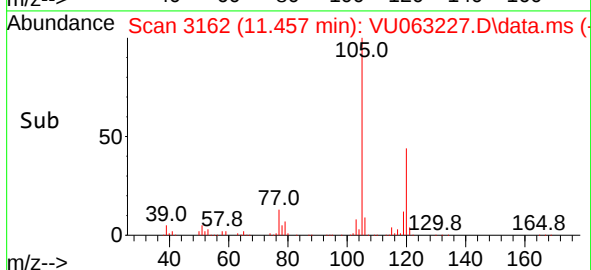
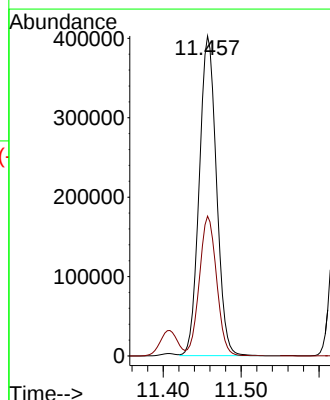
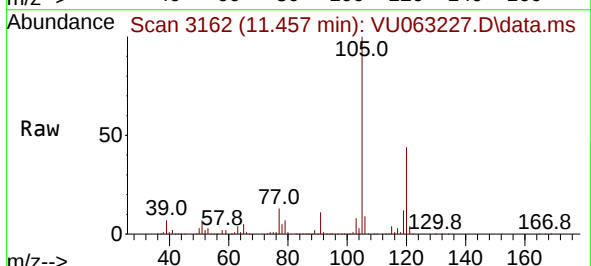
Acq: 11 Feb 2025 08:50

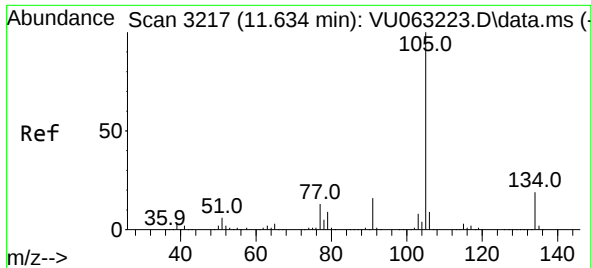
Tgt Ion:105 Resp: 617064

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.7





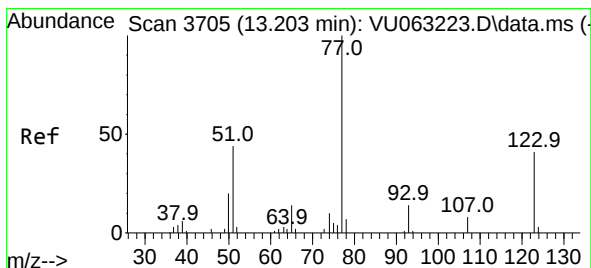
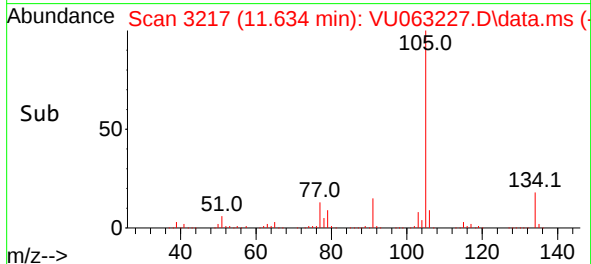
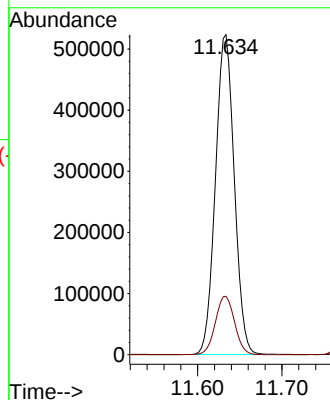
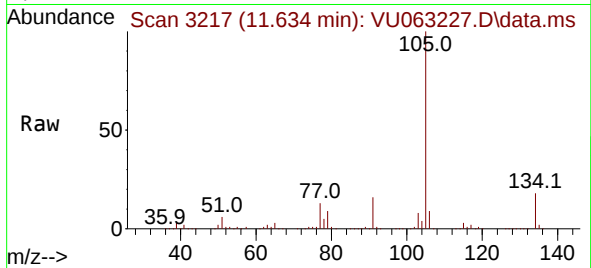
#79
 sec-Butylbenzene
 Concen: 10.867 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021025

Tgt Ion:105 Resp: 809829
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7

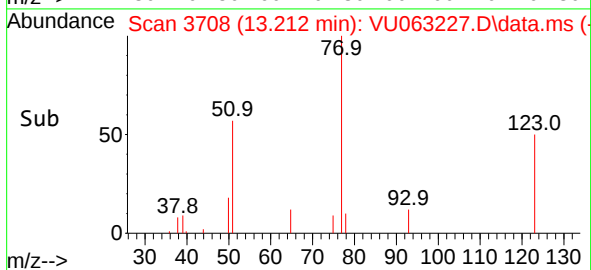
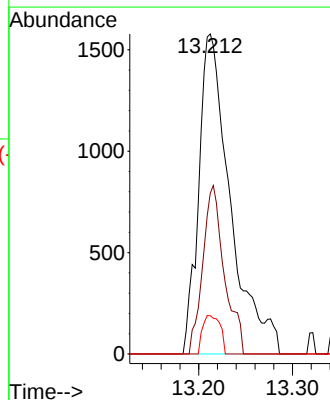
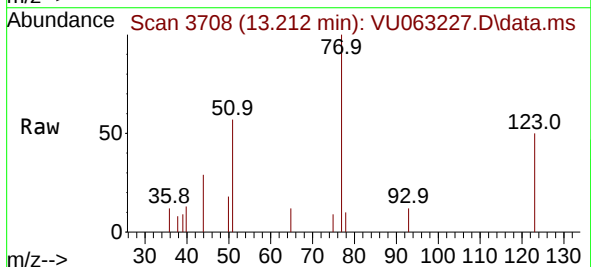
Manual Integrations
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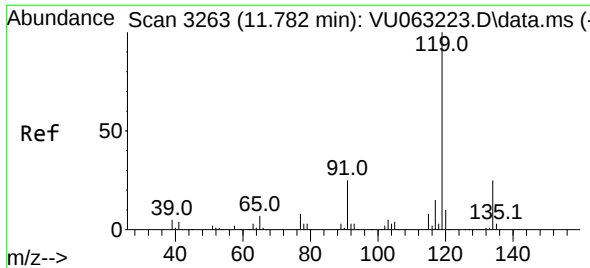
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#80
 Nitrobenzene
 Concen: 10.731 ug/l m
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.009 min
 Lab File: VU063227.D
 Acq: 11 Feb 2025 08:50

Tgt Ion: 77 Resp: 3697
 Ion Ratio Lower Upper
 77 100
 123 35.8 18.9 67.1
 65 0.0 11.9 15.1#





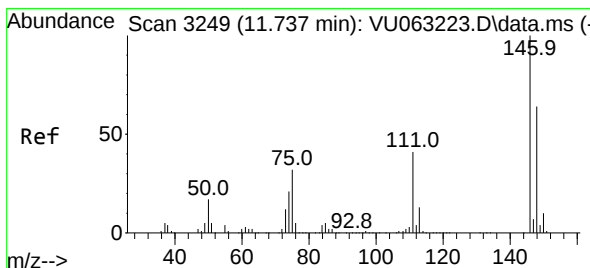
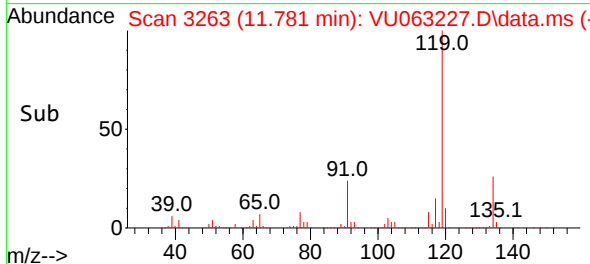
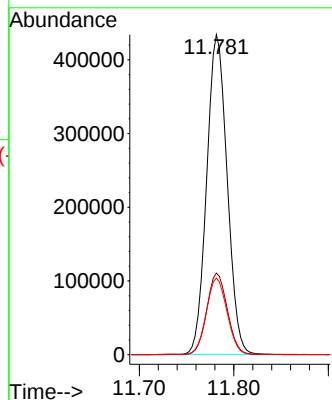
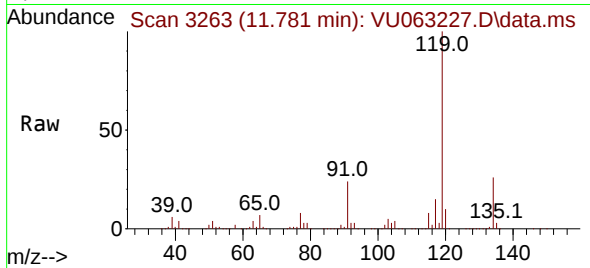
#81
p-Isopropyltoluene
Concen: 11.076 ug/l
RT: 11.781 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Tgt Ion:119 Resp: 651414
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.2 19.4 29.2

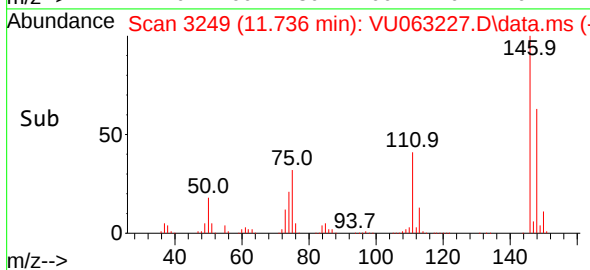
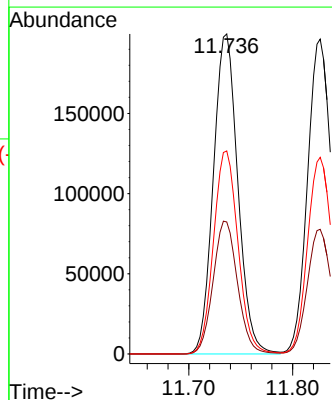
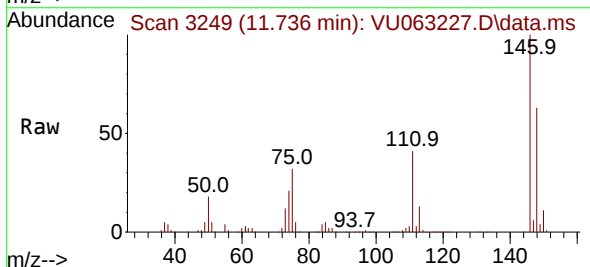
Manual Integrations
APPROVED

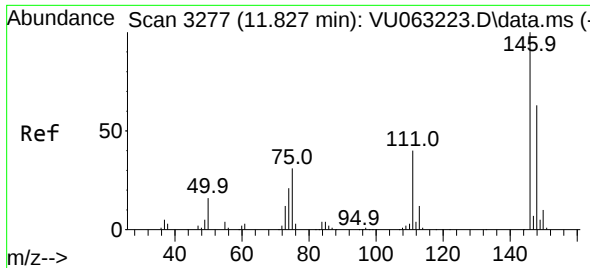
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 10.004 ug/l
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

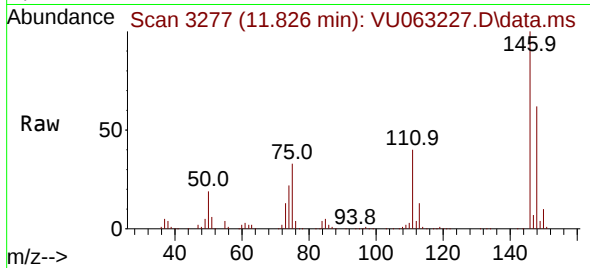
Tgt Ion:146 Resp: 326539
Ion Ratio Lower Upper
146 100
111 41.4 32.8 49.2
148 63.5 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 10.142 ug/l
RT: 11.826 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

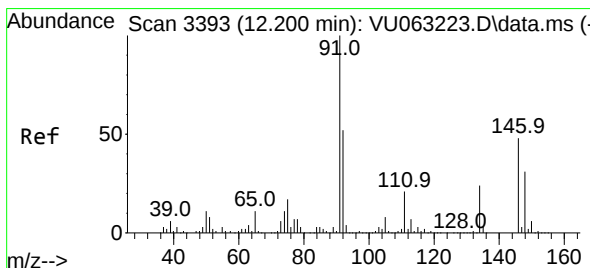
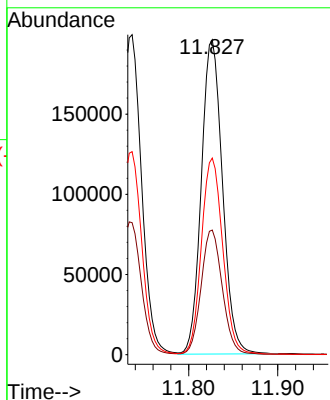
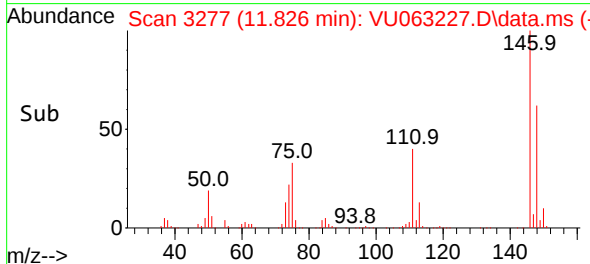
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



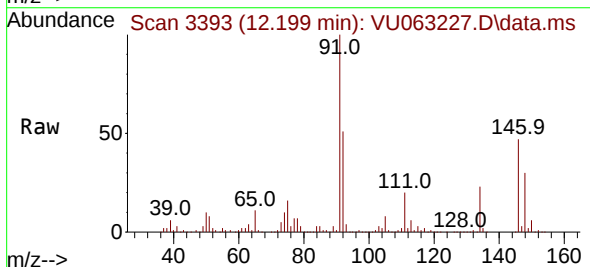
Tgt Ion:146 Resp: 32381
Ion Ratio Lower Upper
146 100
111 39.4 32.1 48.1
148 63.3 50.2 75.4

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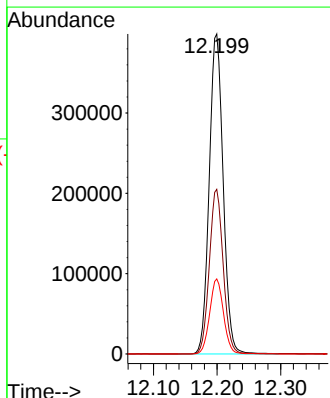
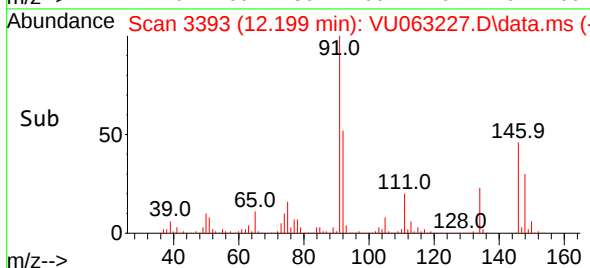
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

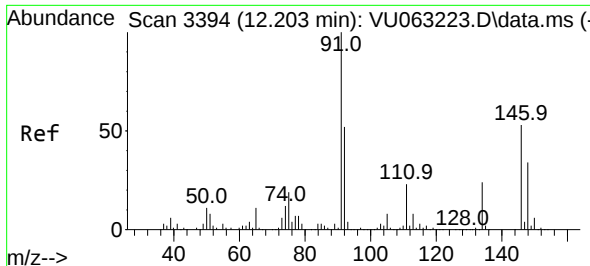


#84
n-Butylbenzene
Concen: 11.497 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



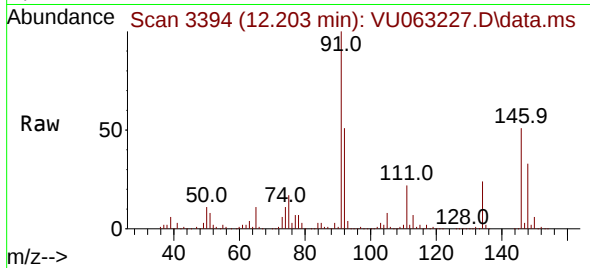
Tgt Ion: 91 Resp: 606308
Ion Ratio Lower Upper
91 100
92 51.2 41.8 62.8
134 23.2 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 9.718 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

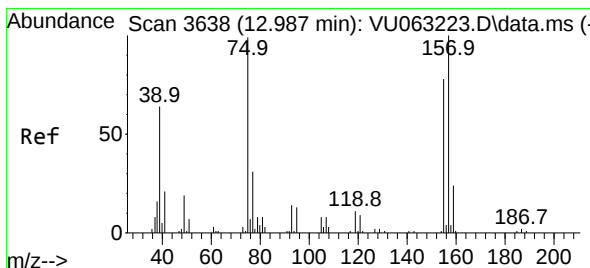
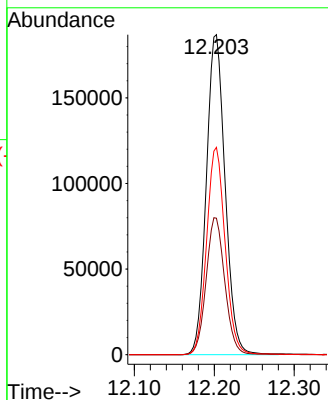
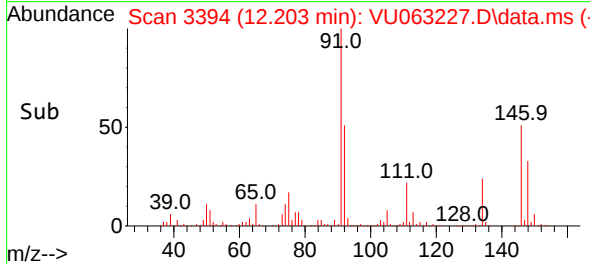
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion:146 Resp: 304829
Ion Ratio Lower Upper
146 100
111 42.7 21.9 65.7
148 63.9 32.3 96.9

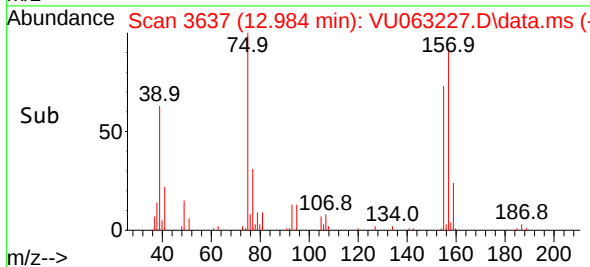
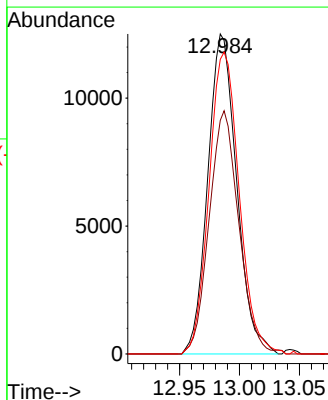
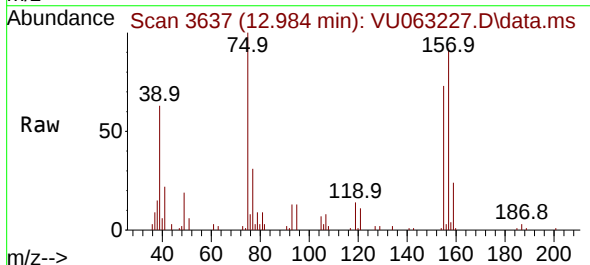
Manual Integrations
APPROVED

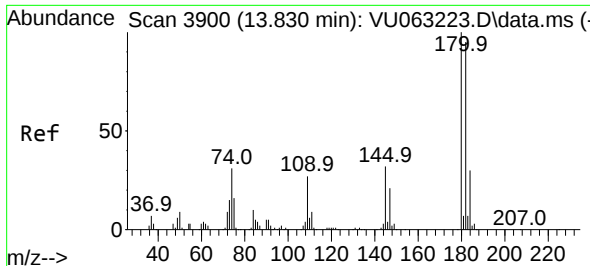
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 8.936 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

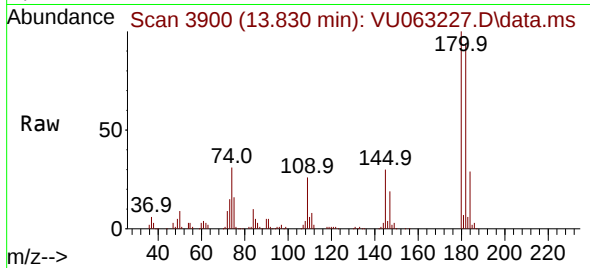
Tgt Ion: 75 Resp: 20970
Ion Ratio Lower Upper
75 100
155 77.9 63.5 95.3
157 98.4 81.8 122.6





#87
1,2,4-Trichlorobenzene
Concen: 12.045 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

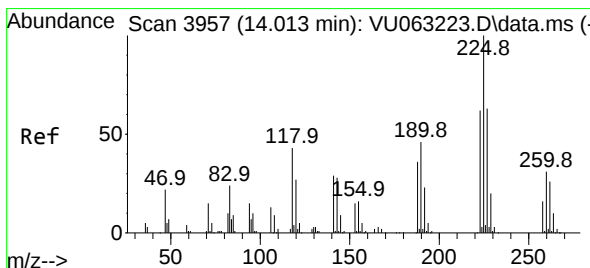
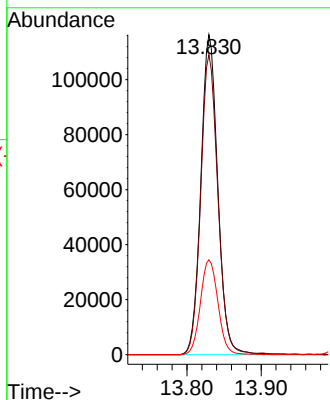
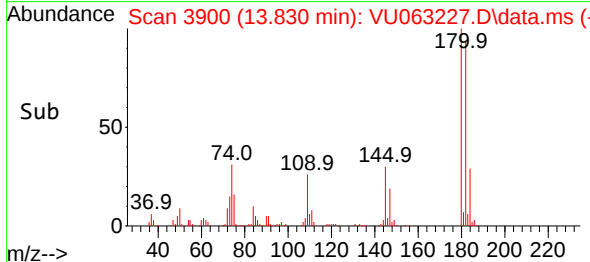
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



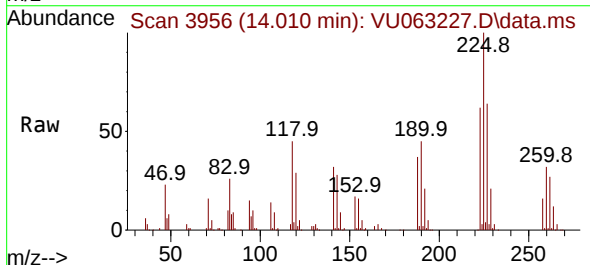
Tgt Ion:180 Resp: 18427
Ion Ratio Lower Upper
180 100
182 94.5 76.6 115.0
145 30.7 25.4 38.2

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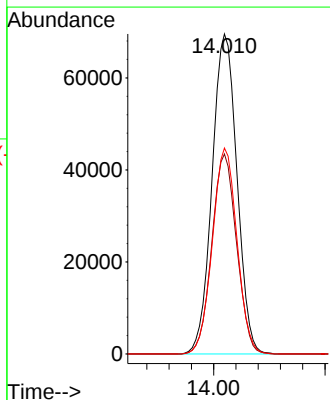
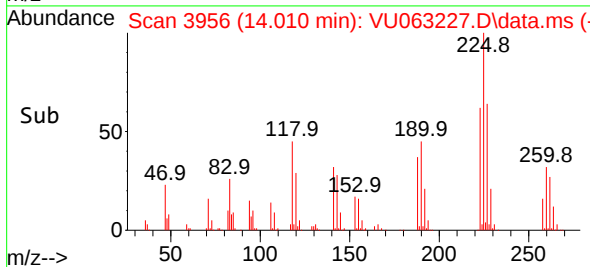
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

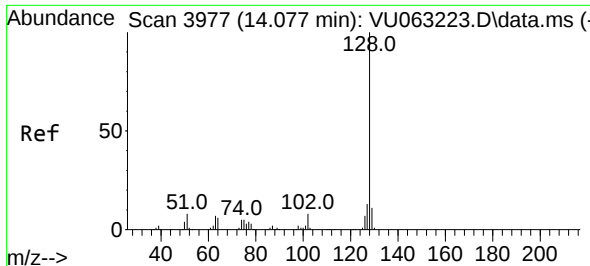


#88
Hexachlorobutadiene
Concen: 9.862 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50



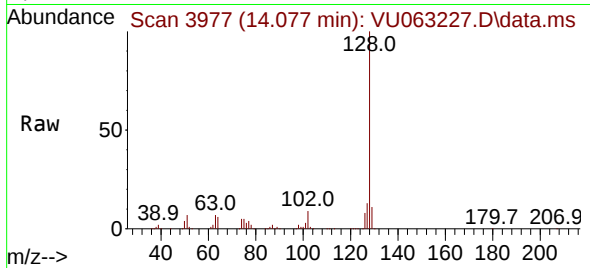
Tgt Ion:225 Resp: 107826
Ion Ratio Lower Upper
225 100
223 62.2 49.5 74.3
227 63.7 51.0 76.4





#89
Naphthalene
Concen: 8.568 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

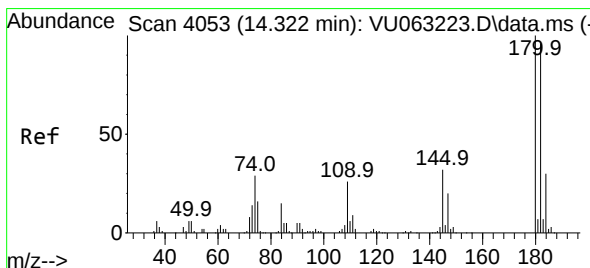
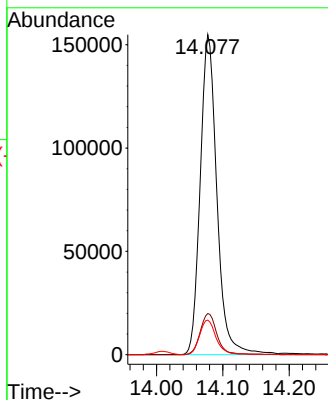
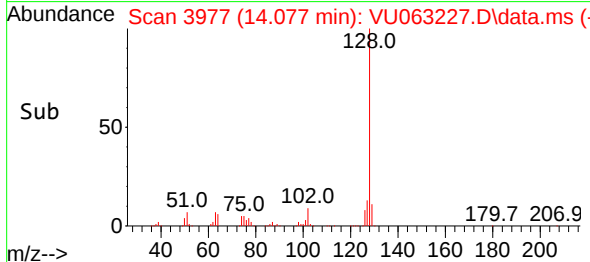
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025



Tgt Ion:128 Resp: 27055
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 10.466 ug/l
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063227.D
Acq: 11 Feb 2025 08:50

Tgt Ion:180 Resp: 156676
Ion Ratio Lower Upper
180 100
182 94.5 78.2 117.2
145 32.2 26.1 39.1

