

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063658.D
 Acq On : 31 Oct 2025 11:05
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Nov 03 00:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	65286	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	28586	1.130	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.168	152	26028	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	124956	5.624	ug/l	98
3) Chloromethane	1.509	50	112858	5.255	ug/l	99
4) Vinyl Chloride	1.589	62	117634	5.079	ug/l	99
5) Bromomethane	1.827	94	66477	4.676	ug/l	96
6) Chloroethane	1.911	64	73170	4.949	ug/l	99
7) Trichlorofluoromethane	2.116	101	173428	5.126	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	91062	4.821	ug/l	99
9) 1,1-Dichloroethene	2.554	96	88524	5.135	ug/l	99
10) Iodomethane	2.695	142	135067	5.402	ug/l	99
11) Allyl Chloride	2.895	41	137911	4.875	ug/l	99
12) Acrylonitrile	3.287	53	45167	8.872	ug/l	97
13) Acetone	2.605	43	193833	25.583	ug/l	100
14) Carbon Disulfide	2.763	76	247192	6.503	ug/l	99
15) Methylene Chloride	3.014	84	103314	4.584	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	97229	5.244	ug/l	97
17) 1,1-Dichloroethane	3.830	63	192646	4.657	ug/l	99
18) 2-Butanone	4.692	43	207565	24.603	ug/l	100
19) Cyclohexane	5.341	56	149053	4.525	ug/l	99
20) Methylcyclohexane	6.724	83	187949	5.934	ug/l	99
21) 2,2-Dichloropropane	4.624	77	174648	5.533	ug/l	100
22) cis-1,2-Dichloroethene	4.628	96	109638	4.885	ug/l	97
23) Diethyl Ether	2.358	59	71486	4.707	ug/l	97
24) tert-Butyl Alcohol	3.171	59	110829	52.861	ug/l	99
25) Methyl tert-Butyl Ether	3.341	73	263254	5.115	ug/l	99
26) Bromochloromethane	4.936	128	45277	4.972	ug/l	96
27) Chloroform	5.052	83	196460	4.739	ug/l	98
28) 1,1,1-Trichloroethane	5.277	97	174014	5.340	ug/l	99
29) 1,1-Dichloropropene	5.486	75	148961	4.959	ug/l	98
30) Carbon Tetrachloride	5.480	117	140866	5.795	ug/l	97
31) Isopropyl Ether	3.968	45	313463	4.552	ug/l	98
32) Ethyl-t-butyl ether	4.480	59	297207	4.955	ug/l	99
33) Tert-Amyl methyl ether	5.923	73	261845	5.092	ug/l	99
34) Propionitrile	4.753	54	40850	21.229	ug/l #	97
35) Benzene	5.737	78	417060	4.876	ug/l	98
36) 1,2-Dichloroethane	5.763	62	133319	4.630	ug/l	100
37) Trichloroethene	6.509	130	121433	5.616	ug/l	95
38) 1,2-Dichloropropane	6.763	63	115837	5.133	ug/l	99
39) Methacrylonitrile	4.949	41	37488	4.131	ug/l	96
40) Methyl acrylate	4.824	55	54490	4.376	ug/l	97
41) Tetrahydrofuran	5.036	42	36978	7.844	ug/l	96
42) 1-Chlorobutane	5.419	56	194399	4.643	ug/l	100
43) Dibromomethane	6.888	93	61281	5.488	ug/l	99
44) Bromodichloromethane	7.078	83	147611	6.083	ug/l	99

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 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

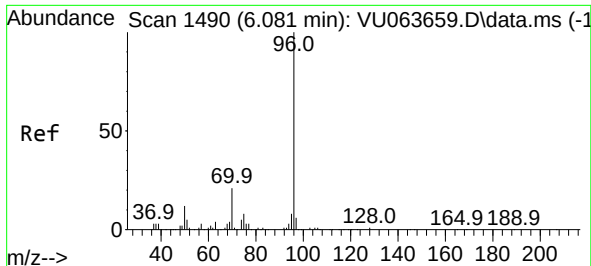
Manual Integrations
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Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Nov 03 00:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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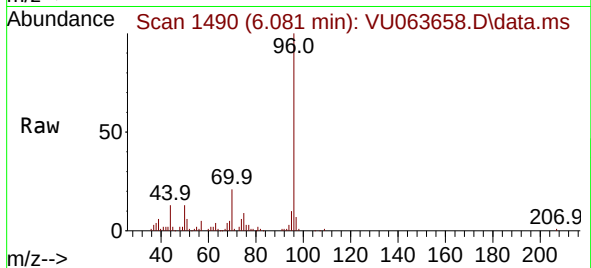
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	373161	26.903	ug/l	100
46) t-1,4-Dichloro-2-butene	10.807	75	51266m	10.066	ug/l	
47) Methyl methacrylate	6.946	69	112743	11.169	ug/l	99
48) Ethyl methacrylate	8.316	69	115881	6.100	ug/l	99
49) Toluene	7.943	92	286901	5.974	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	127241	6.786	ug/l	97
51) cis-1,3-Dichloropropene	7.582	75	157159	6.407	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	82020	5.252	ug/l	98
53) 1,3-Dichloropropane	8.550	76	146262	5.369	ug/l	99
54) 2-Hexanone	8.669	43	315312	30.126	ug/l	99
55) Dibromochloromethane	8.785	129	97060	6.189	ug/l	100
56) 1,2-Dibromoethane	8.898	107	78085	5.699	ug/l	98
58) Tetrachloroethene	8.525	164	116753	5.415	ug/l	99
59) Chlorobenzene	9.422	112	306406	5.613	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.508	131	105294	5.856	ug/l	98
61) Pentachloroethane	11.402	117	73422	5.733	ug/l	99
62) Hexachloroethane	12.450	117	81710	6.946	ug/l	100
63) Ethyl Benzene	9.544	91	553215	5.892	ug/l	99
64) m/p-Xylenes	9.669	106	415038	11.534	ug/l	100
65) o-Xylene	10.074	106	203386	5.656	ug/l	99
66) Styrene	10.090	104	331590	5.778	ug/l	100
67) Bromoform	10.264	173	52610	6.670	ug/l	100
69) Isopropylbenzene	10.460	105	504450	5.774	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.756	83	103512	5.219	ug/l	99
71) 1,2,3-Trichloropropane	10.798	75	87856m	5.746	ug/l	
72) Bromobenzene	10.756	156	121776	5.420	ug/l	98
73) n-propylbenzene	10.881	120	142205	5.673	ug/l	98
74) 2-Chlorotoluene	10.962	126	124232	5.509	ug/l	100
75) 1,3,5-Trimethylbenzene	11.061	105	463779	5.703	ug/l	99
76) 4-Chlorotoluene	11.071	126	125943	5.349	ug/l	97
77) tert-Butylbenzene	11.393	119	453365	5.741	ug/l	100
78) 1,2,4-Trimethylbenzene	11.441	105	454440	5.745	ug/l	100
79) sec-Butylbenzene	11.618	105	604965	5.682	ug/l	99
80) Nitrobenzene	13.190	77	16098m	48.598	ug/l	
81) p-Isopropyltoluene	11.769	119	489938	5.721	ug/l	100
82) 1,3-Dichlorobenzene	11.721	146	234880	5.237	ug/l	99
83) 1,4-Dichlorobenzene	11.811	146	234401	5.095	ug/l	100
84) n-Butylbenzene	12.184	91	439267	5.486	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	223300	5.172	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	17312	6.402	ug/l	97
87) 1,2,4-Trichlorobenzene	13.814	180	135974	5.168	ug/l	99
88) Hexachlorobutadiene	13.994	225	81175	5.019	ug/l	98
89) Naphthalene	14.061	128	251323	5.289	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	128139	5.157	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

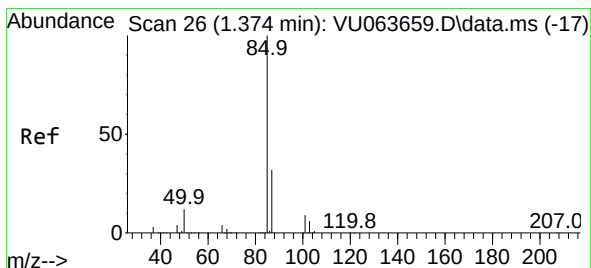
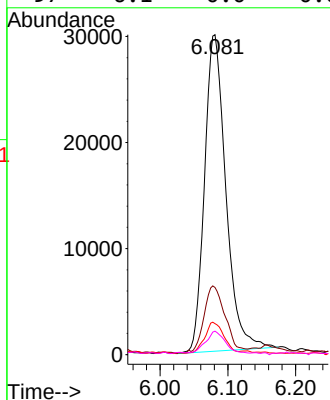
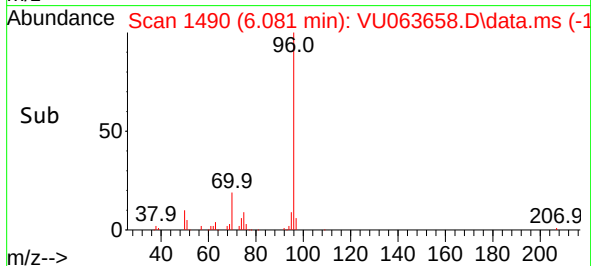
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



Tgt Ion: 96	Resp: 65280
Ion Ratio	Lower Upper
96 100	
70 19.5	15.3 22.9
95 8.0	6.5 9.7
97 6.1	0.0 0.0#

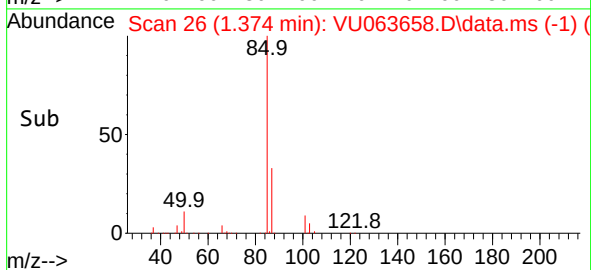
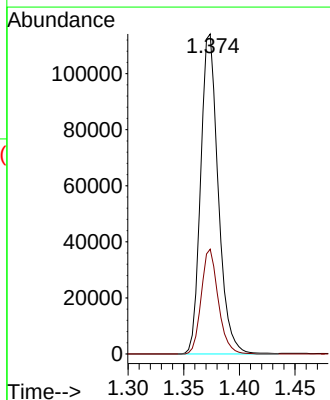
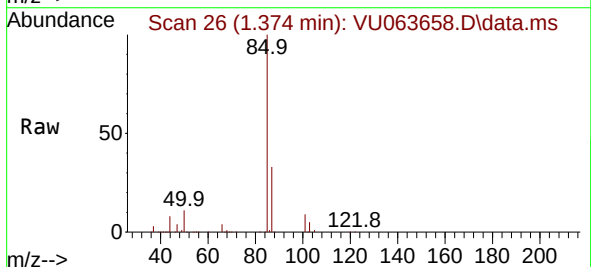
Manual Integrations
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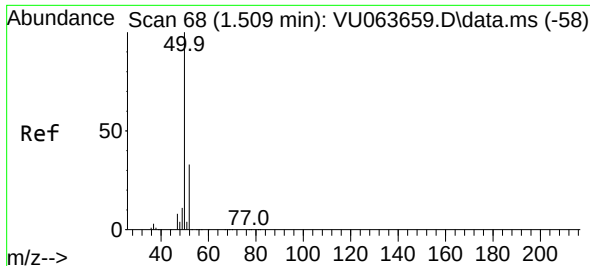
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#2
Dichlorodifluoromethane
Concen: 5.624 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

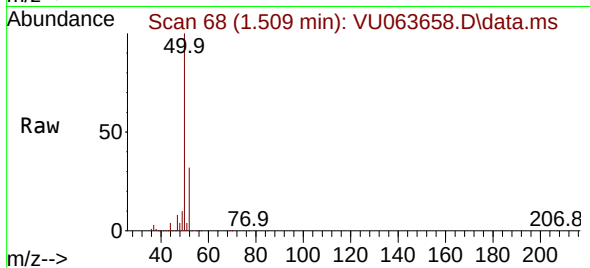
Tgt Ion: 85	Resp: 124956
Ion Ratio	Lower Upper
85 100	
87 32.8	16.0 47.9





#3
Chloromethane
Concen: 5.255 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

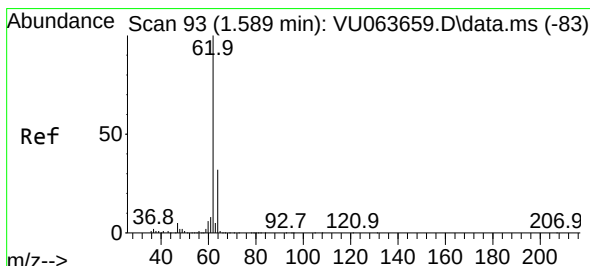
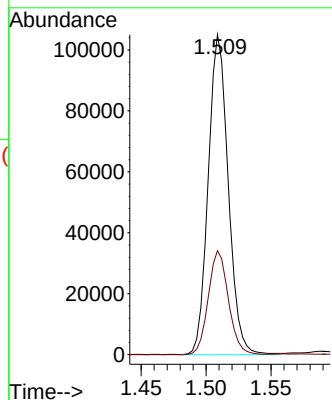
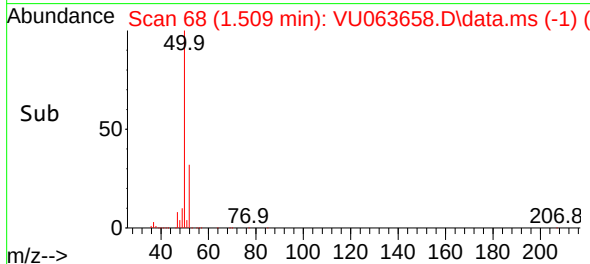
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



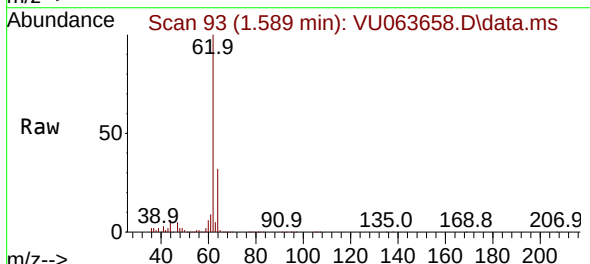
Tgt Ion: 50 Resp: 112858
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

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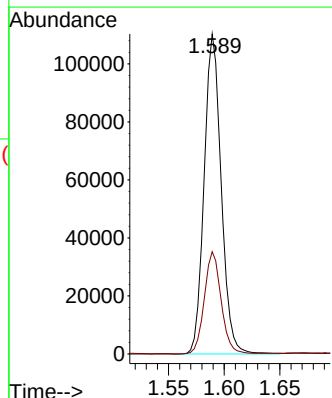
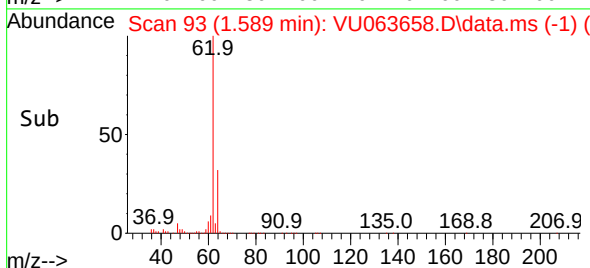
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

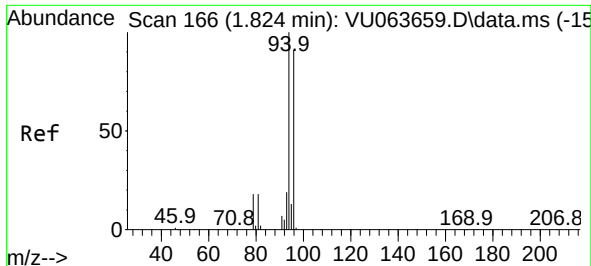


#4
Vinyl Chloride
Concen: 5.079 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



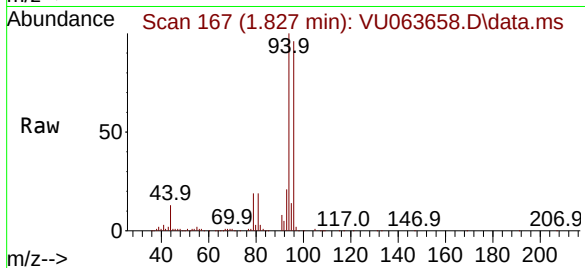
Tgt Ion: 62 Resp: 117634
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 4.676 ug/l
RT: 1.827 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

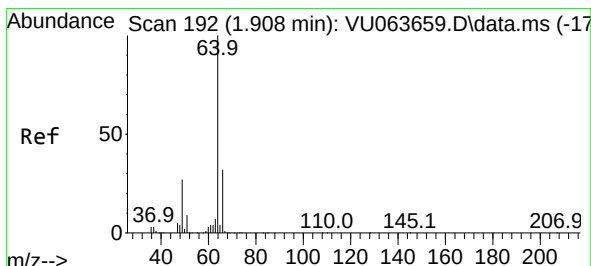
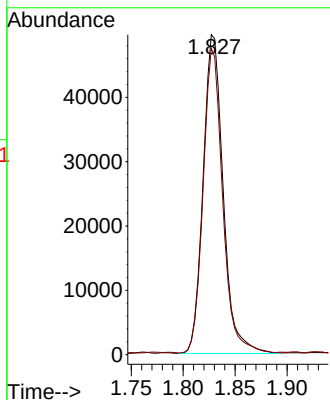
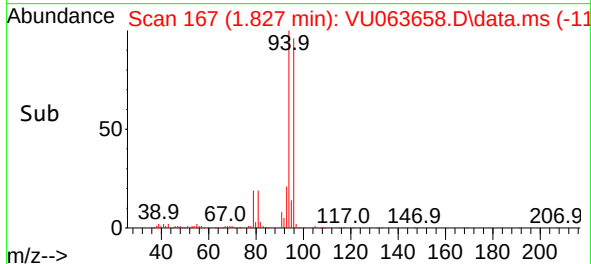
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 6647
Ion Ratio Lower Upper
94 100
96 95.5 73.0 109.6

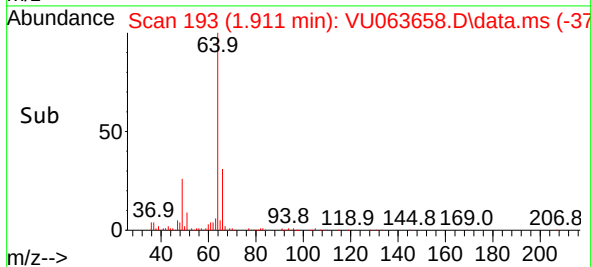
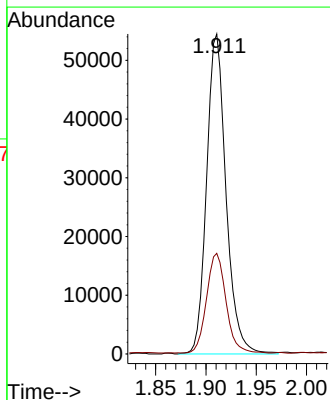
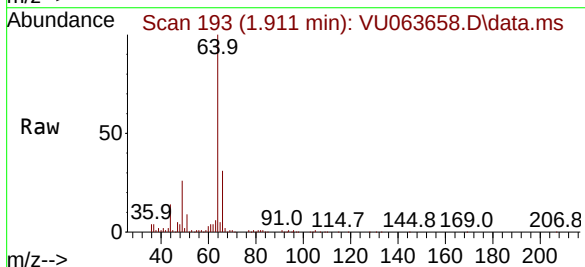
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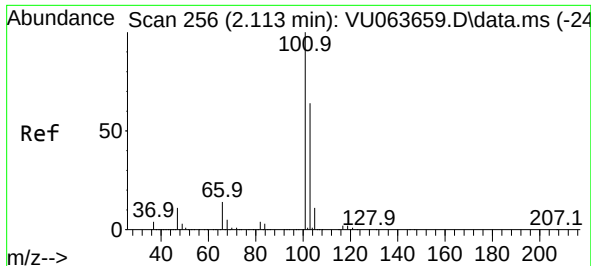
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#6
Chloroethane
Concen: 4.949 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

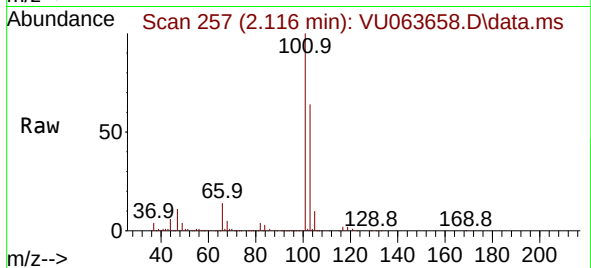
Tgt Ion: 64 Resp: 73170
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 5.126 ug/l
RT: 2.116 min Scan# 256
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

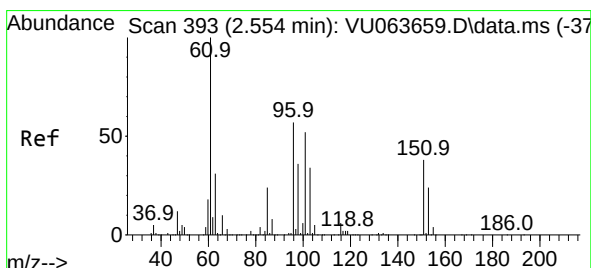
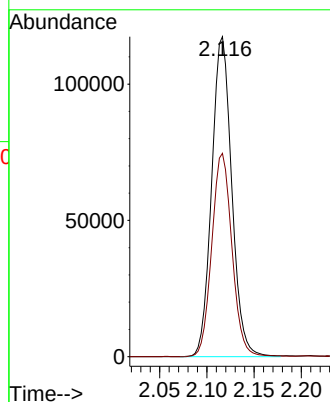
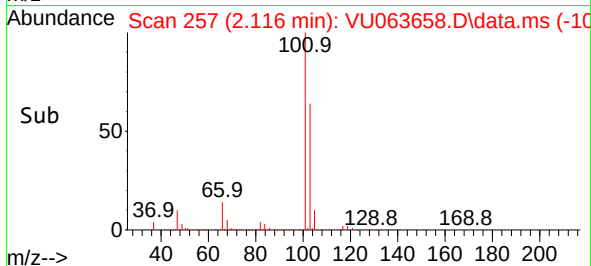
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



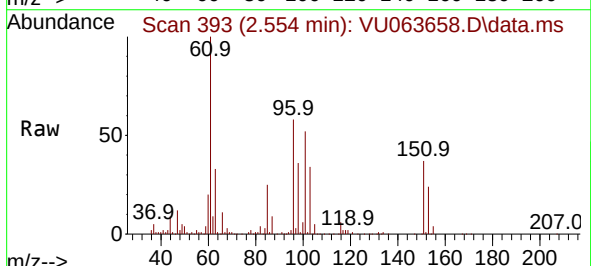
Tgt Ion:101 Resp: 173428
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.6

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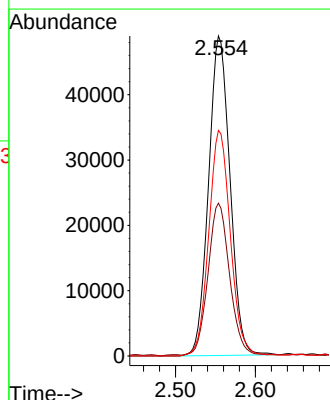
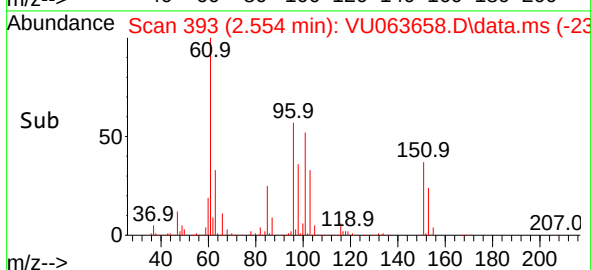
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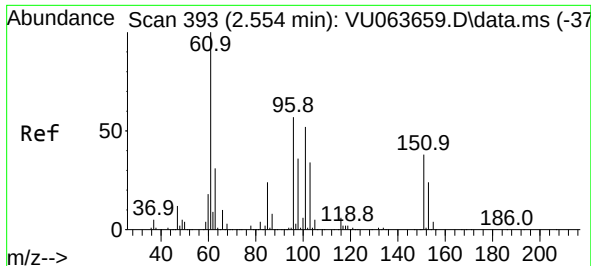


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.821 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



Tgt Ion:101 Resp: 91062
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.4
151 70.8 57.2 85.8





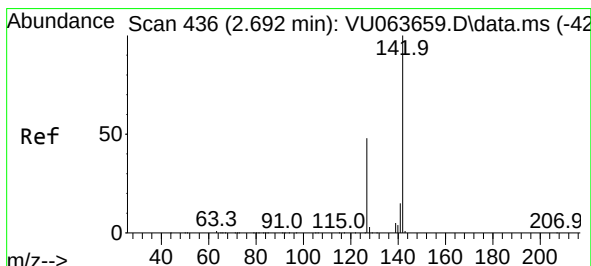
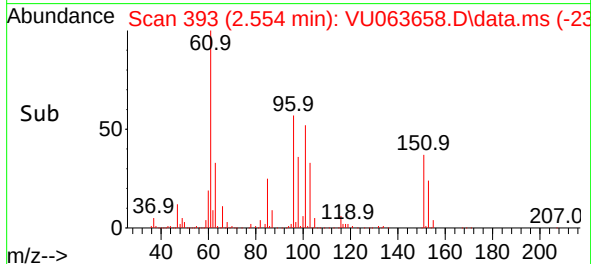
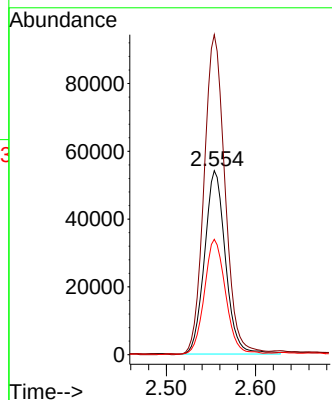
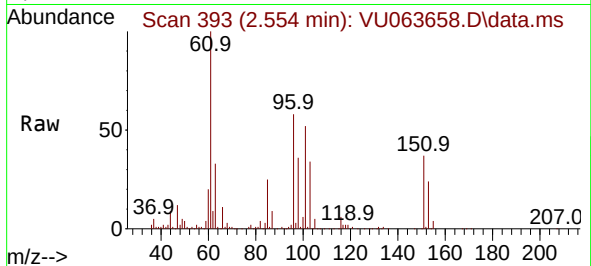
#9
1,1-Dichloroethene
Concen: 5.135 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 88524
Ion Ratio Lower Upper
96 100
61 174.2 0.0 524.7
98 62.5 0.0 126.8

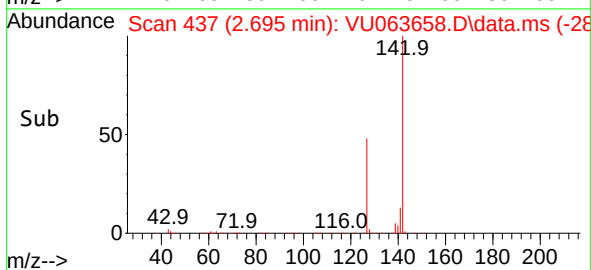
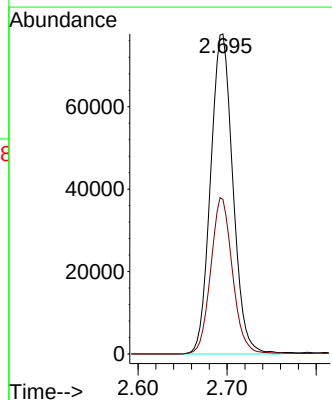
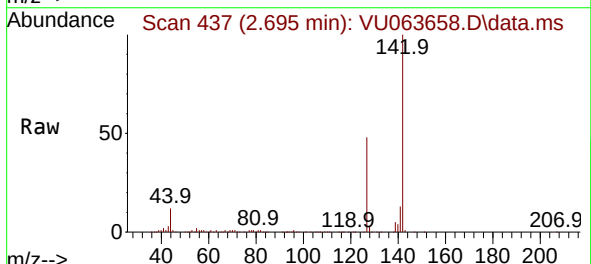
Manual Integrations
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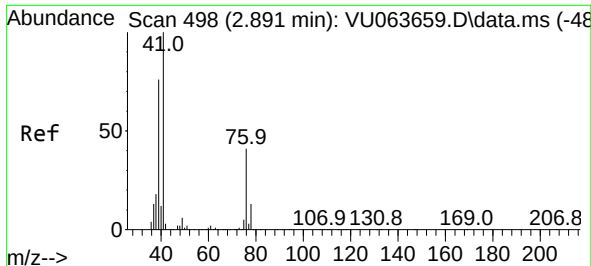
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#10
Iodomethane
Concen: 5.402 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

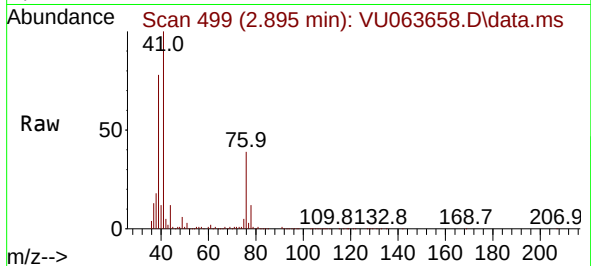
Tgt Ion:142 Resp: 135067
Ion Ratio Lower Upper
142 100
127 47.7 38.6 58.0





#11
 Allyl Chloride
 Concen: 4.875 ug/l
 RT: 2.895 min Scan# 499
 Delta R.T. 0.003 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

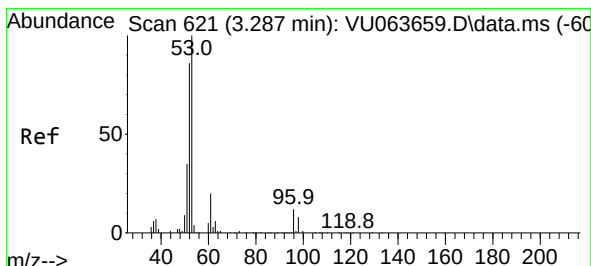
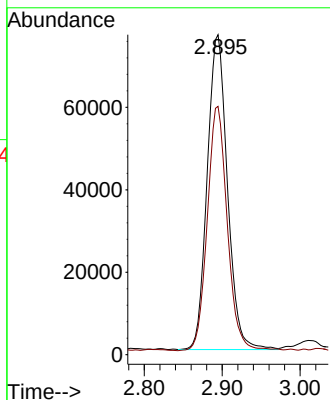
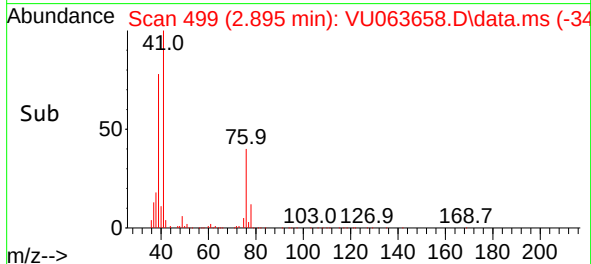
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



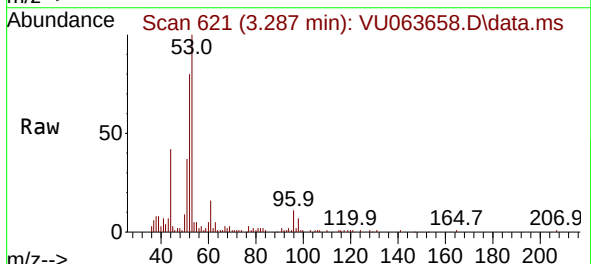
Tgt Ion: 41 Resp: 13791
 Ion Ratio Lower Upper
 41 100
 39 76.7 61.0 91.4

Manual Integrations
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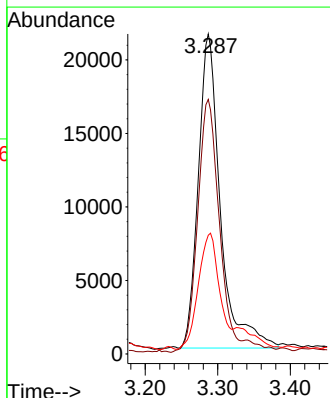
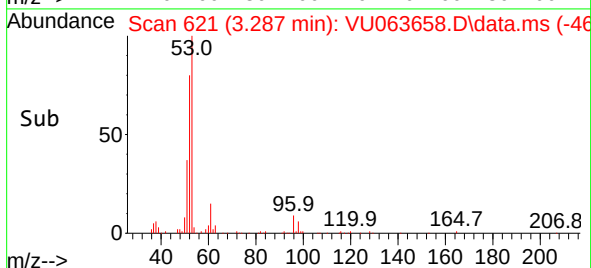
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

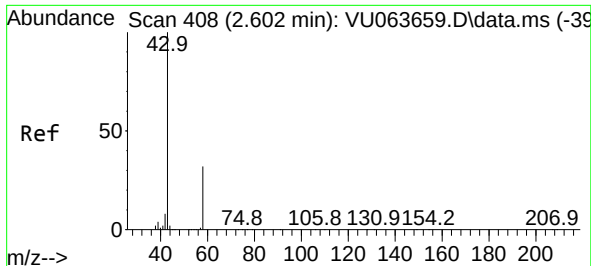


#12
 Acrylonitrile
 Concen: 8.872 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05



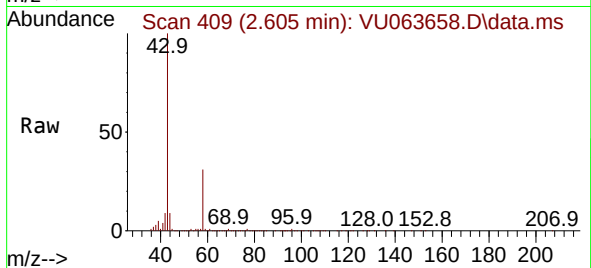
Tgt Ion: 53 Resp: 45167
 Ion Ratio Lower Upper
 53 100
 52 77.9 65.4 98.0
 51 35.3 27.6 41.4





#13
Acetone
Concen: 25.583 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

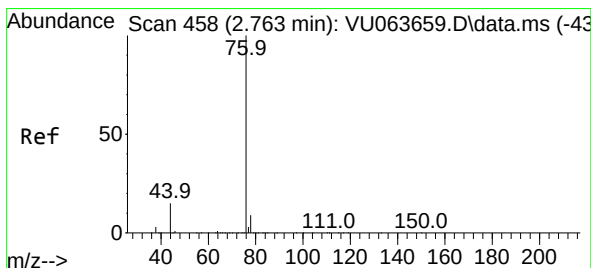
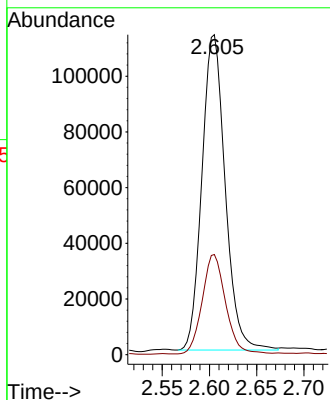
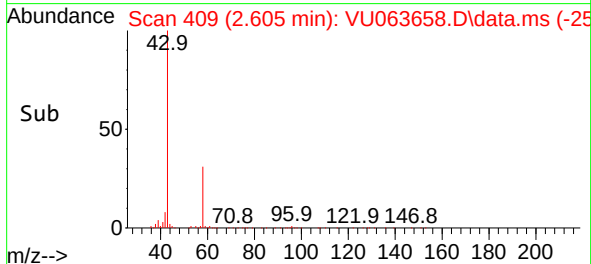
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 19383
Ion Ratio Lower Upper
43 100
58 31.5 25.2 37.8

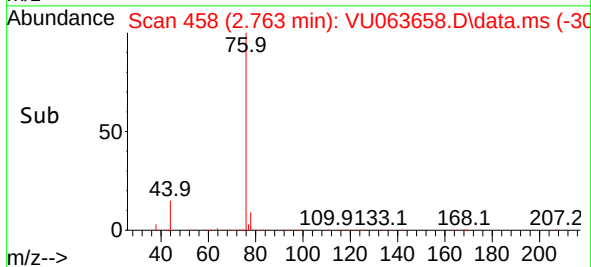
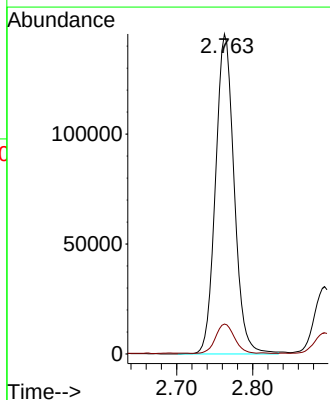
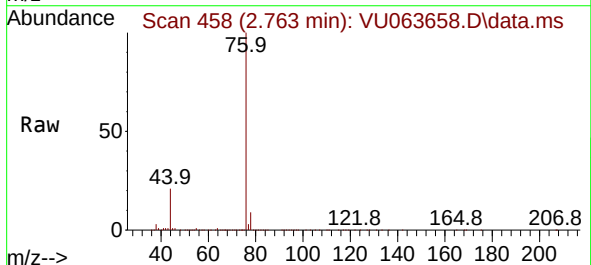
Manual Integrations
APPROVED

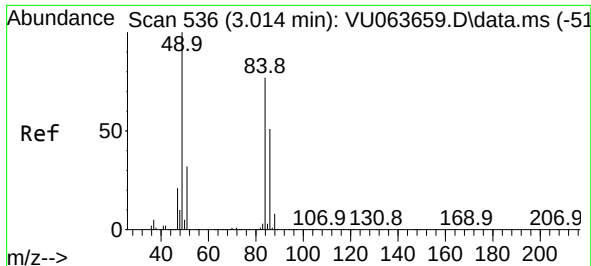
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#14
Carbon Disulfide
Concen: 6.503 ug/l
RT: 2.763 min Scan# 458
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

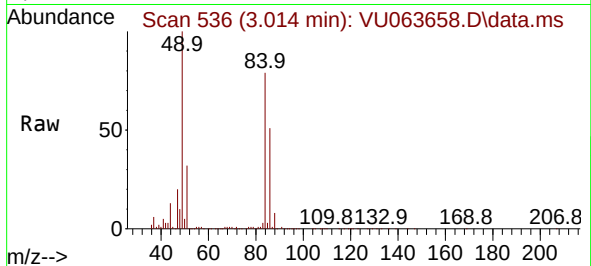
Tgt Ion: 76 Resp: 247192
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15
Methylene Chloride
Concen: 4.584 ug/l
RT: 3.014 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

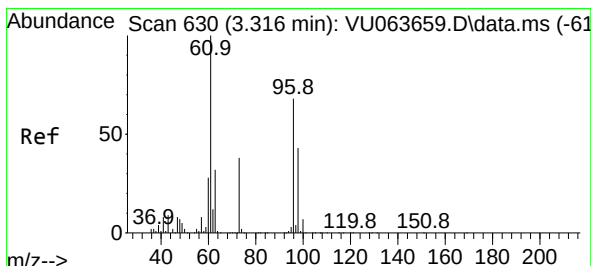
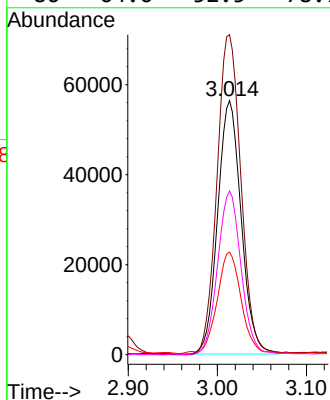
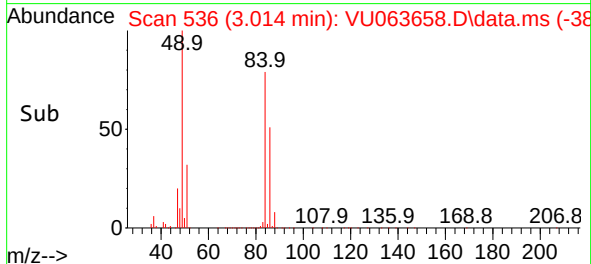
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:	84	Resp:	103314
Ion	Ratio	Lower	Upper
84	100		
49	126.3	103.4	155.0
51	40.0	0.0	81.6
86	64.6	52.5	78.7

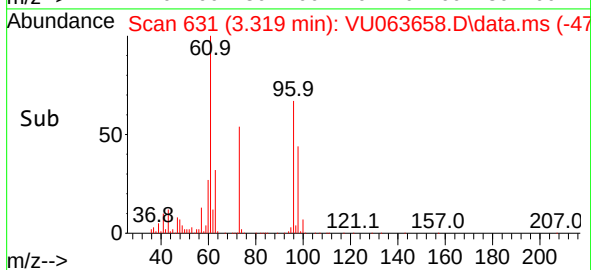
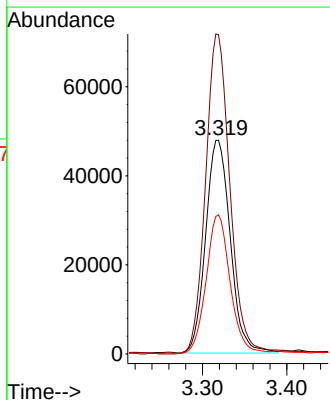
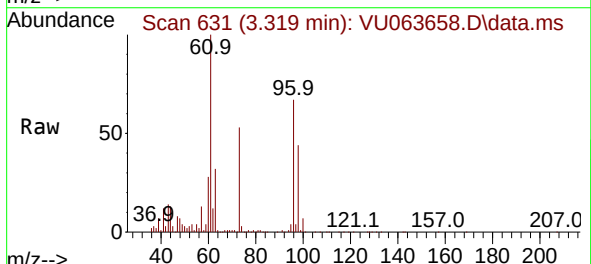
Manual Integrations
APPROVED

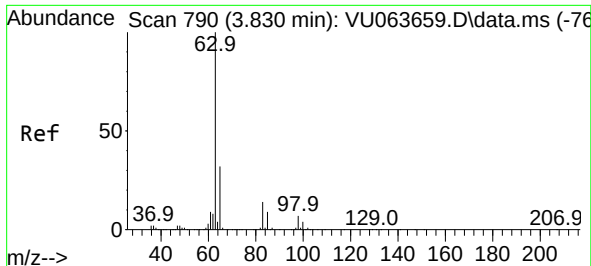
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#16
trans-1,2-Dichloroethene
Concen: 5.244 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

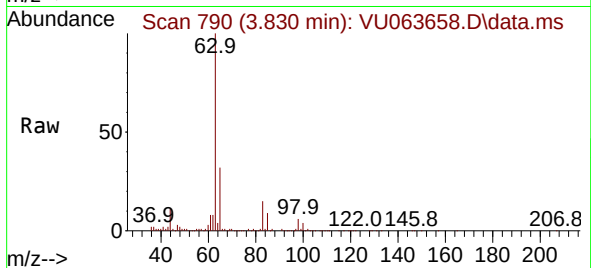
Tgt Ion:	96	Resp:	97229
Ion	Ratio	Lower	Upper
96	100		
61	149.9	117.4	176.2
98	65.1	49.9	74.9





#17
 1,1-Dichloroethane
 Concen: 4.657 ug/l
 RT: 3.830 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

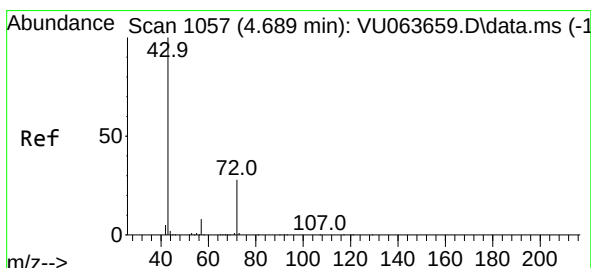
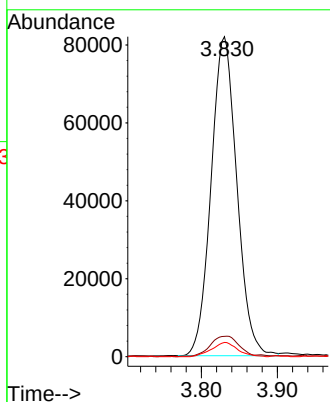
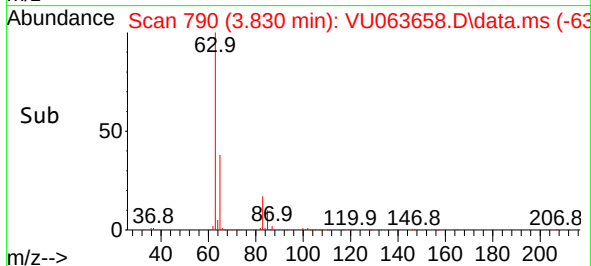
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 63 Resp: 192640
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.4 2.2 6.6

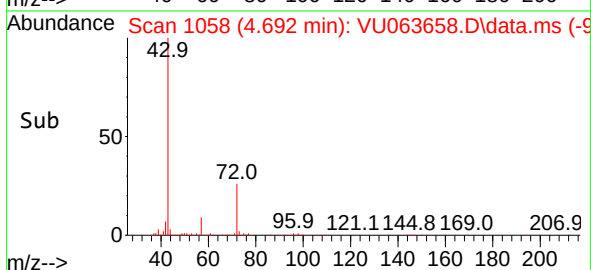
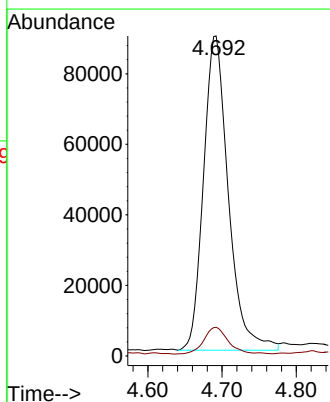
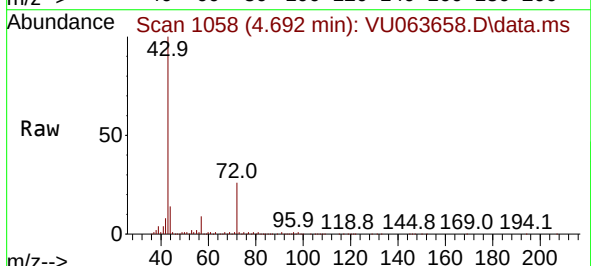
Manual Integrations
 APPROVED

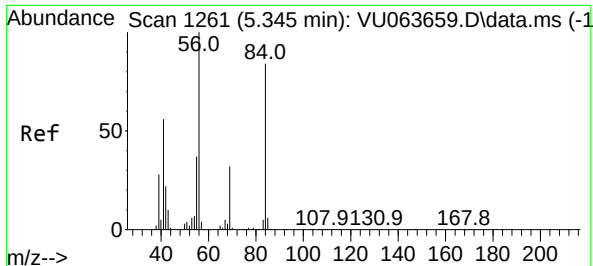
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025



#18
 2-Butanone
 Concen: 24.603 ug/l
 RT: 4.692 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

Tgt Ion: 43 Resp: 207565
 Ion Ratio Lower Upper
 43 100
 57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 4.525 ug/l

RT: 5.341 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 14905

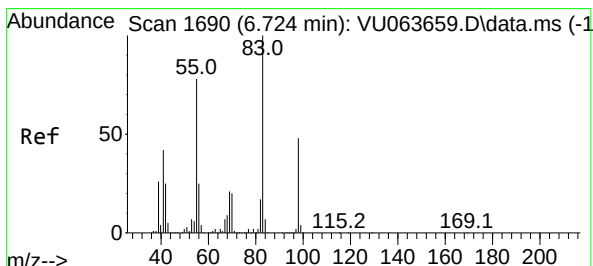
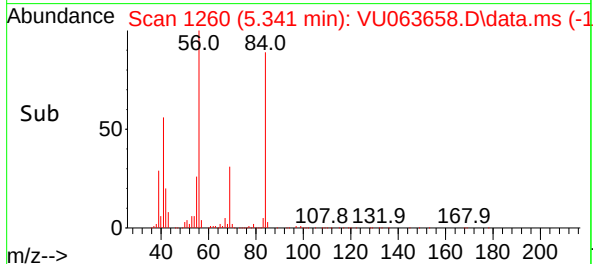
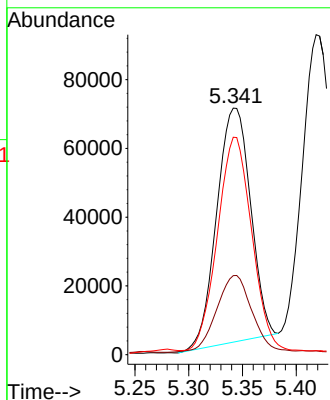
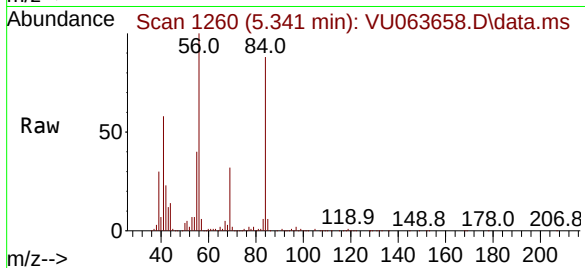
Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.1	40.7
84	92.2	73.4	110.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#20

Methylcyclohexane

Concen: 5.934 ug/l

RT: 6.724 min Scan# 1690

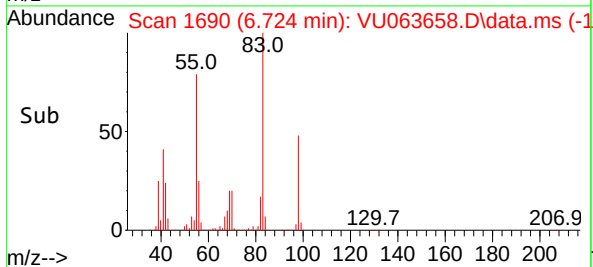
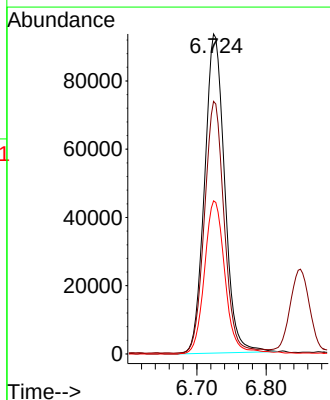
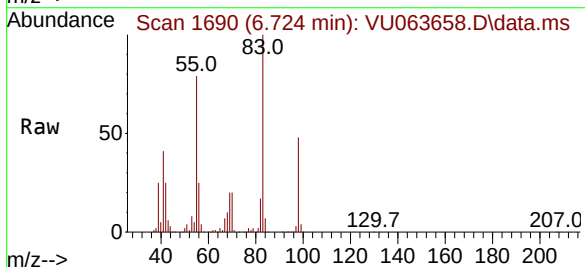
Delta R.T. -0.000 min

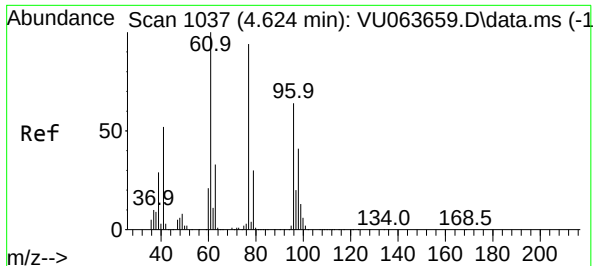
Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Tgt Ion: 83 Resp: 187949

Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.5	92.3
98	47.9	37.9	56.9





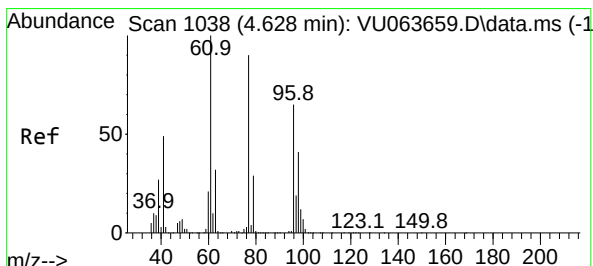
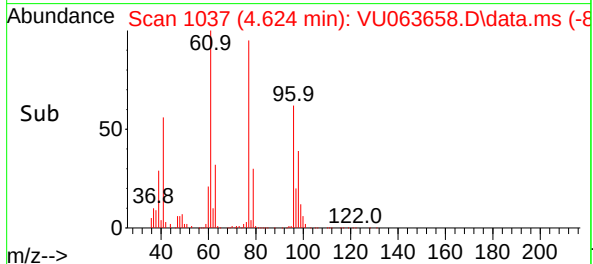
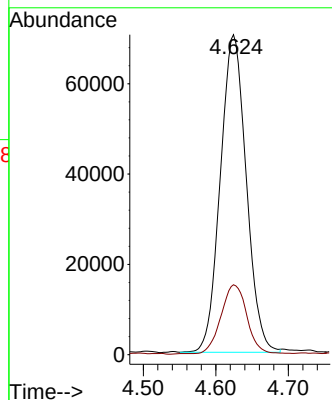
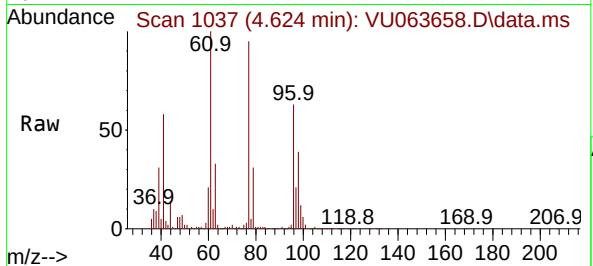
#21
2,2-Dichloropropane
Concen: 5.533 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 174648
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

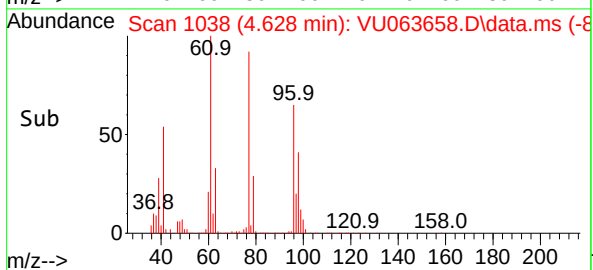
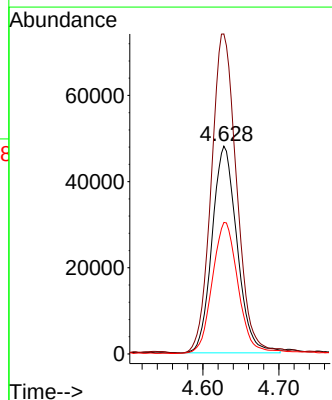
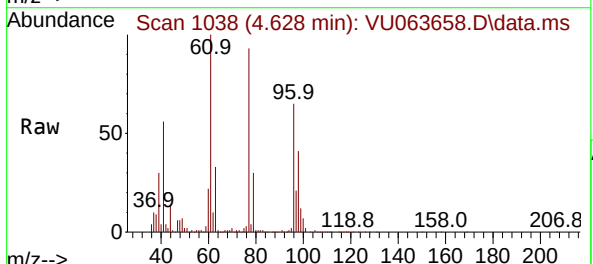
Manual Integrations
APPROVED

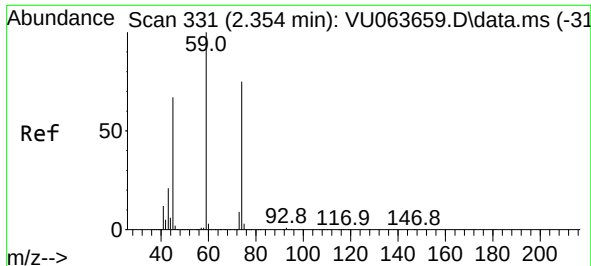
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#22
cis-1,2-Dichloroethene
Concen: 4.885 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion: 96 Resp: 109638
Ion Ratio Lower Upper
96 100
61 156.2 0.0 385.0
98 66.3 31.3 93.9





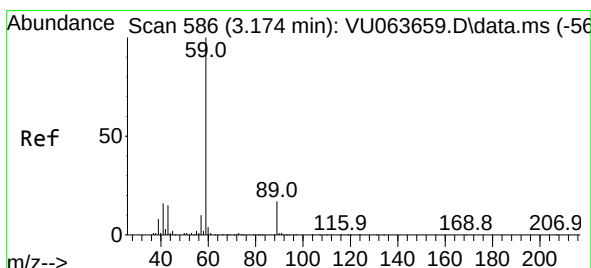
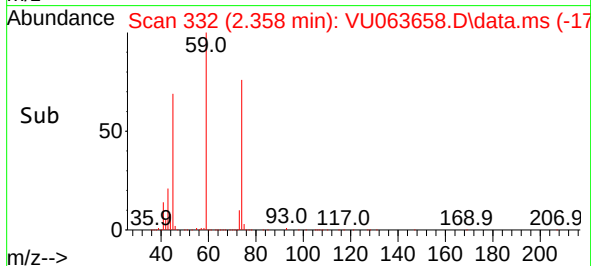
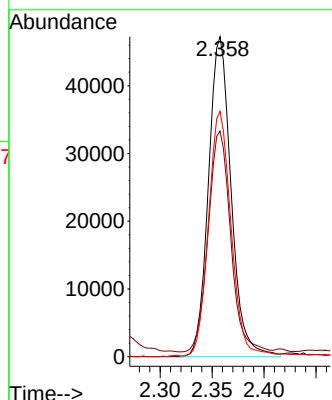
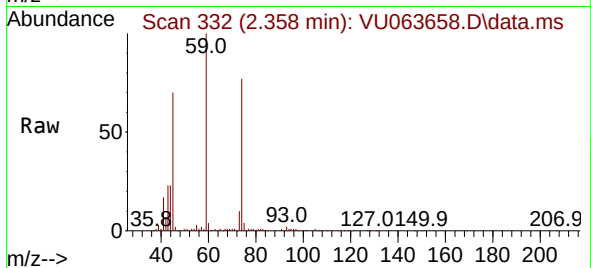
#23
Diethyl Ether
Concen: 4.707 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 71486
Ion Ratio Lower Upper
59 100
45 68.4 52.6 78.8
74 76.3 59.4 89.2

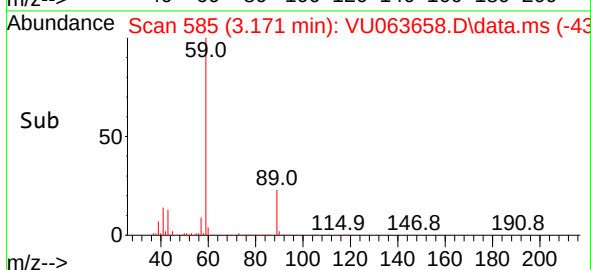
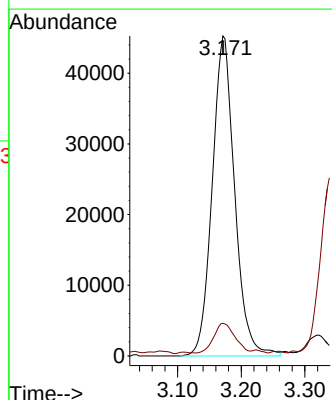
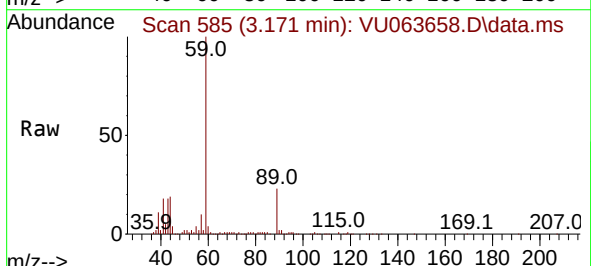
Manual Integrations
APPROVED

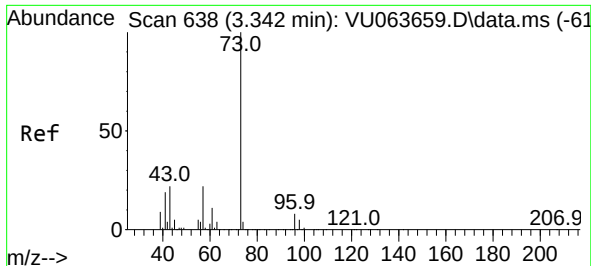
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#24
tert-Butyl Alcohol
Concen: 52.861 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

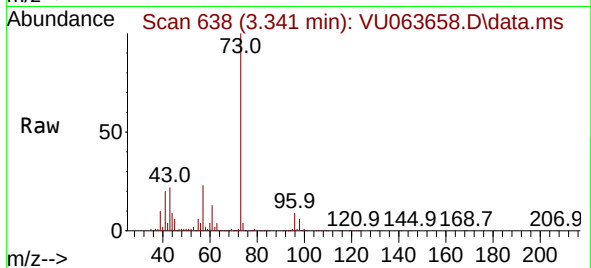
Tgt Ion: 59 Resp: 110829
Ion Ratio Lower Upper
59 100
57 8.6 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 5.115 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

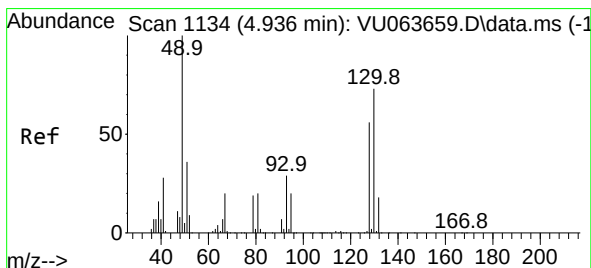
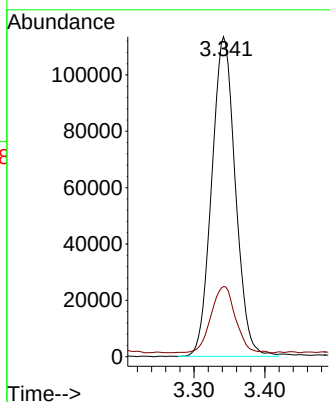
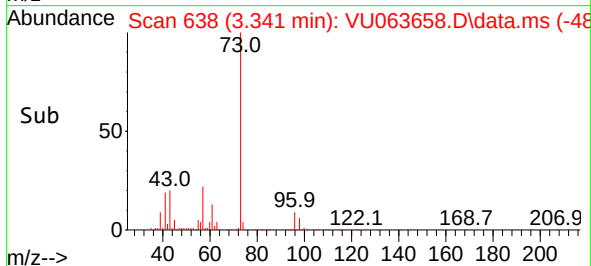
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 263254
Ion Ratio Lower Upper
73 100
43 21.0 17.4 26.0

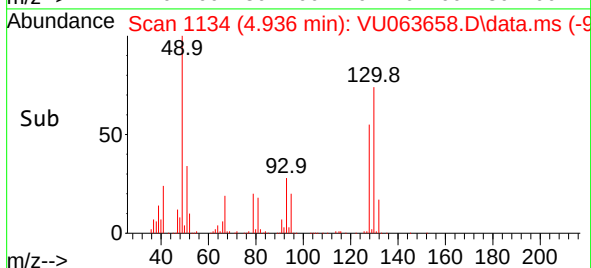
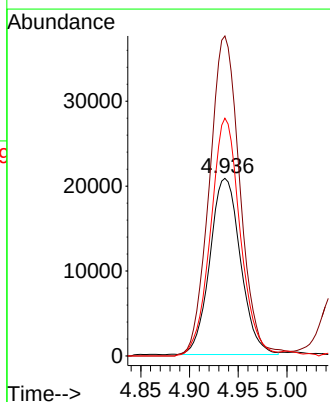
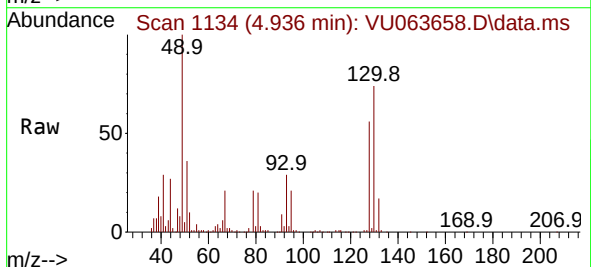
Manual Integrations
APPROVED

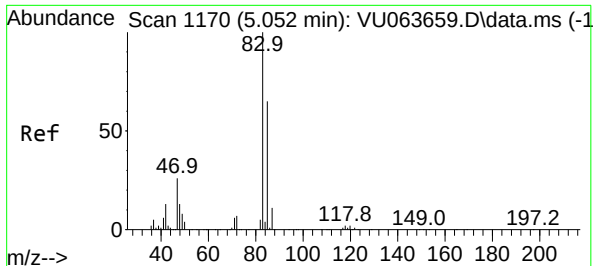
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#26
Bromochloromethane
Concen: 4.972 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion:128 Resp: 45277
Ion Ratio Lower Upper
128 100
49 181.6 0.0 349.6
130 130.8 102.7 154.1





#27

Chloroform

Concen: 4.739 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 196460

Ion Ratio Lower Upper

83 100

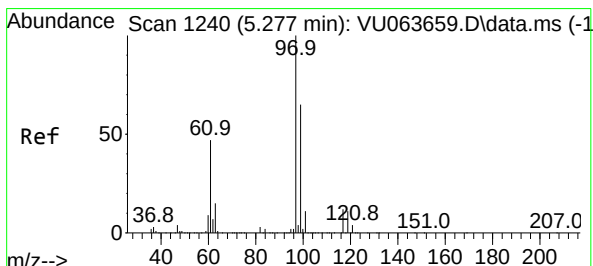
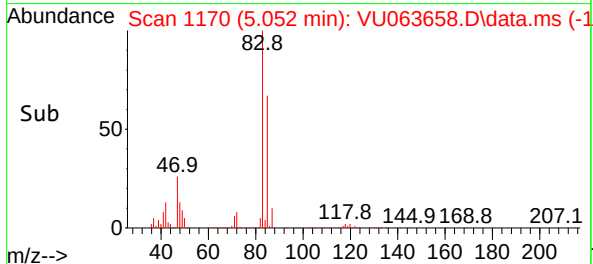
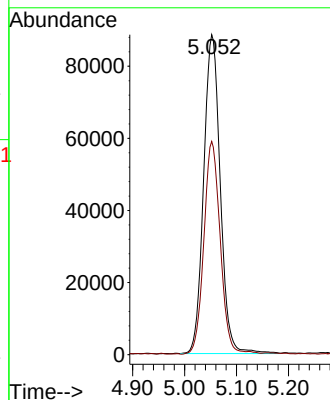
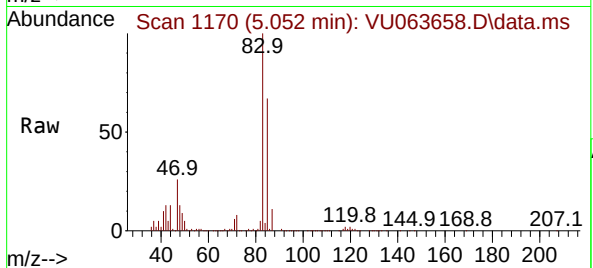
85 66.7 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#28

1,1,1-Trichloroethane

Concen: 5.340 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

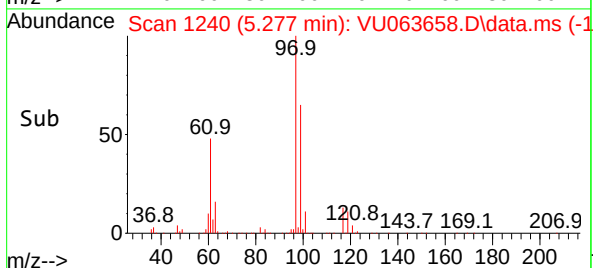
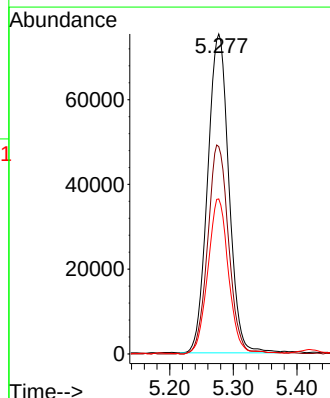
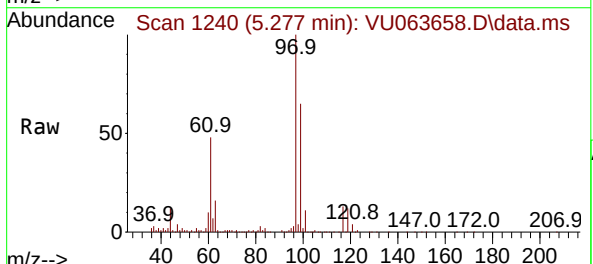
Tgt Ion: 97 Resp: 174014

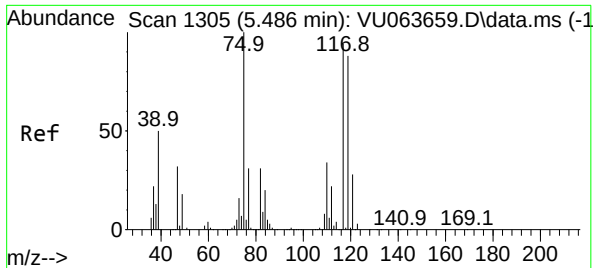
Ion Ratio Lower Upper

97 100

99 64.8 32.3 96.8

61 47.9 23.3 69.8





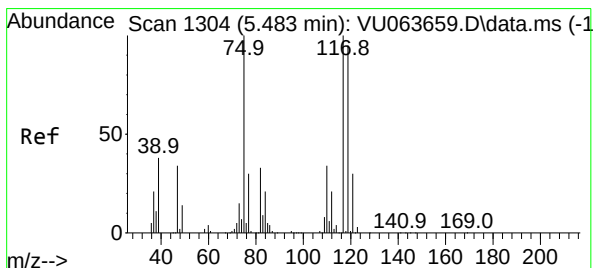
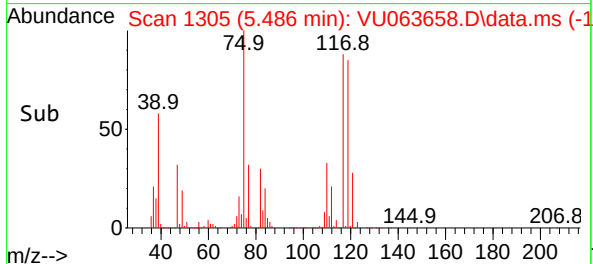
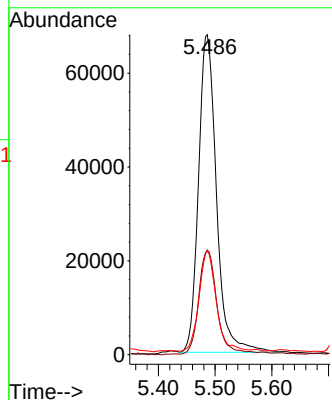
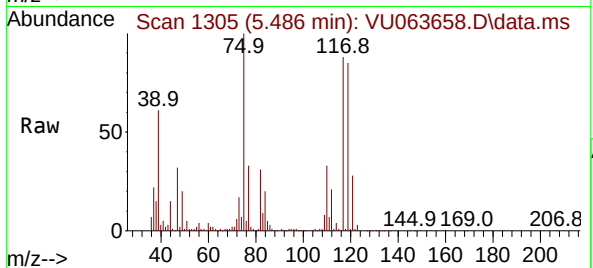
#29
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 5.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 14896
Ion Ratio Lower Upper
75 100
110 32.5 17.2 51.5
77 30.1 24.5 36.7

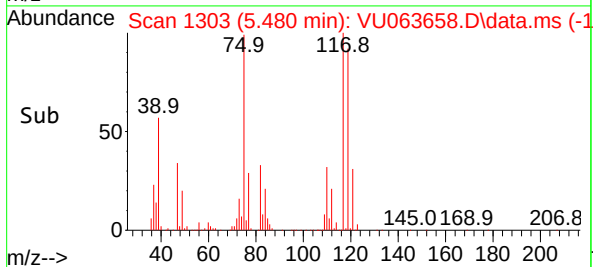
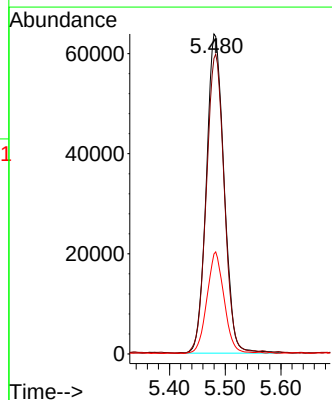
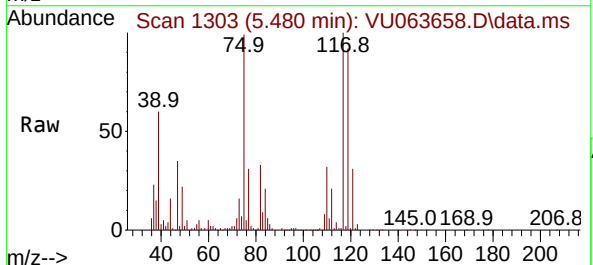
Manual Integrations
APPROVED

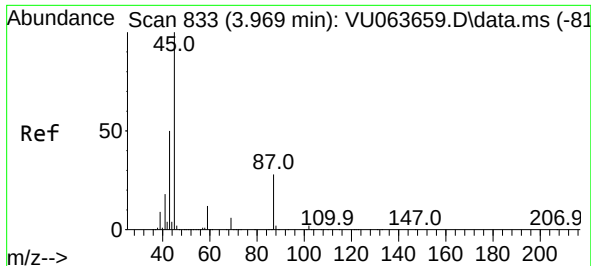
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#30
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 5.480 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

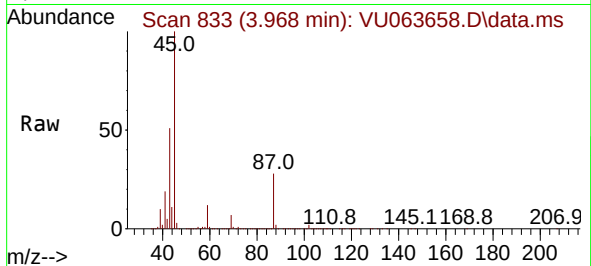
Tgt Ion:117 Resp: 140866
Ion Ratio Lower Upper
117 100
119 92.1 75.7 113.5
121 31.1 23.8 35.6





#31
Isopropyl Ether
Concen: 4.552 ug/l
RT: 3.968 min Scan# 811
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

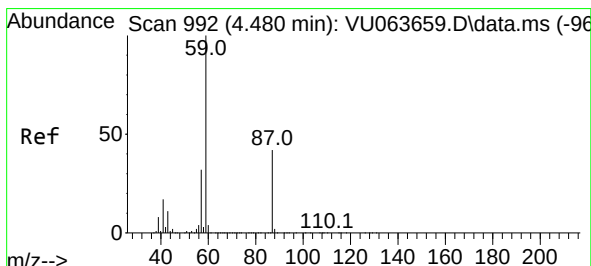
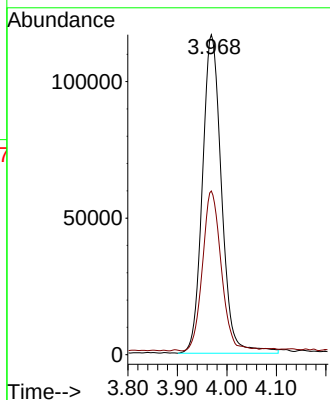
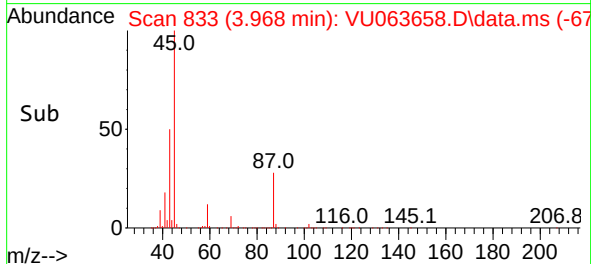
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 45 Resp: 31346
Ion Ratio Lower Upper
45 100
43 49.0 25.3 75.9

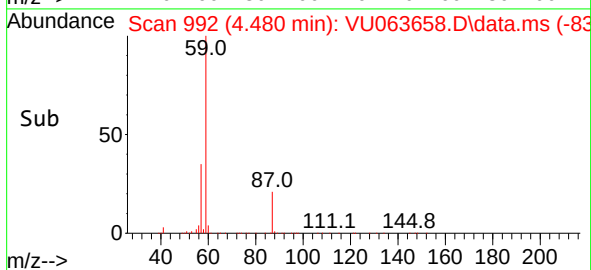
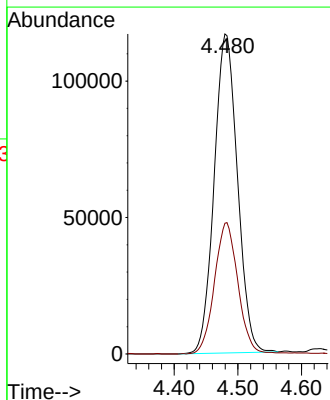
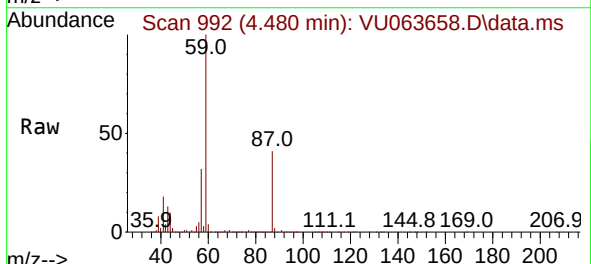
Manual Integrations
APPROVED

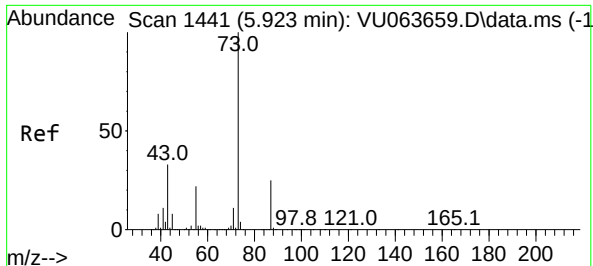
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#32
Ethyl-t-butyl ether
Concen: 4.955 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

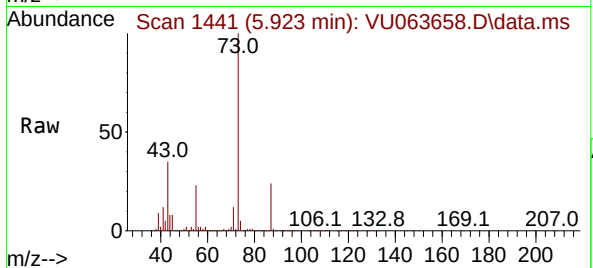
Tgt Ion: 59 Resp: 297207
Ion Ratio Lower Upper
59 100
87 40.9 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 5.092 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

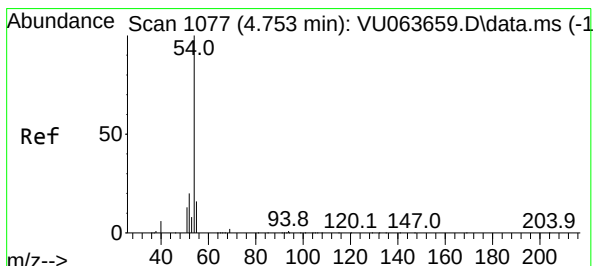
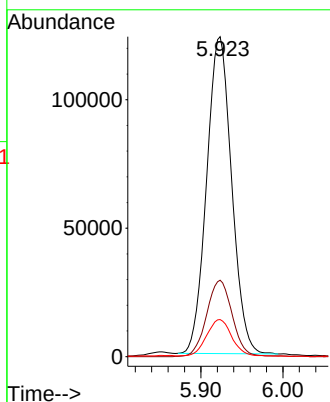
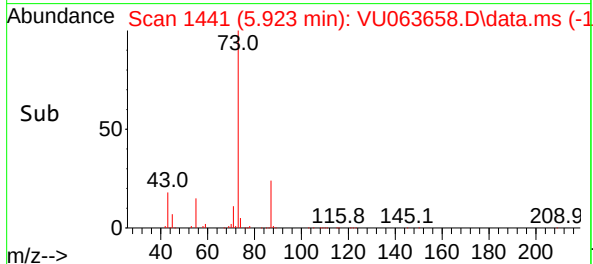
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



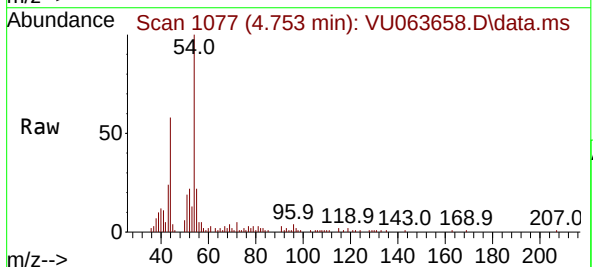
Tgt Ion: 73 Resp: 26184
Ion Ratio Lower Upper
73 100
87 24.3 20.0 30.0
71 11.5 9.0 13.4

Manual Integrations
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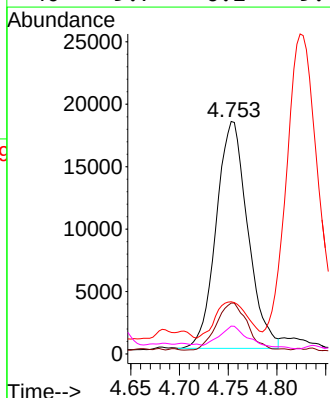
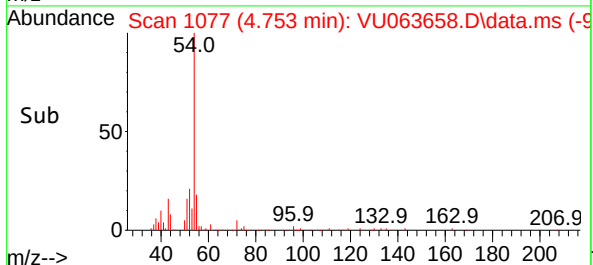
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

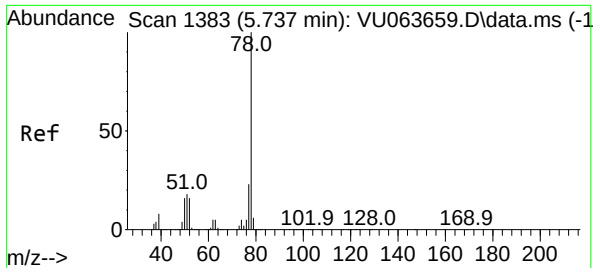


#34
Propionitrile
Concen: 21.229 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



Tgt Ion: 54 Resp: 40850
Ion Ratio Lower Upper
54 100
52 19.8 15.8 23.6
55 16.2 11.3 16.9
40 9.7 6.2 9.4#





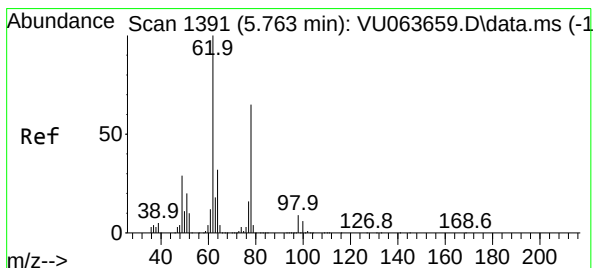
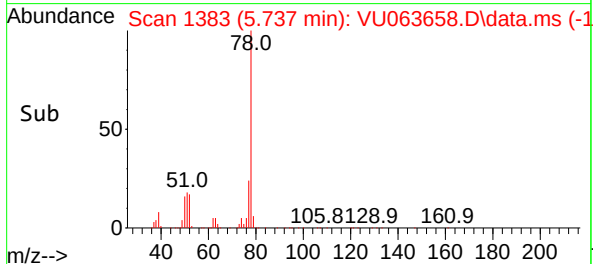
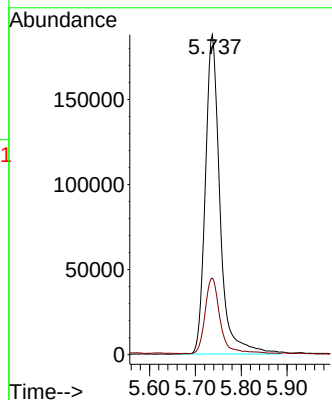
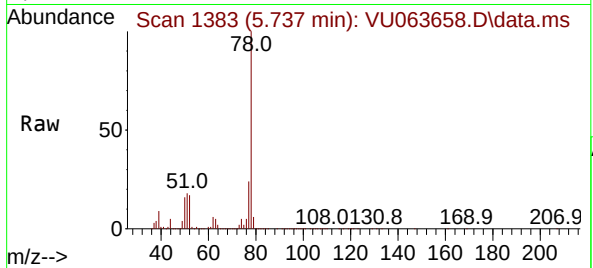
#35
Benzene
Concen: 4.876 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 417060
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5

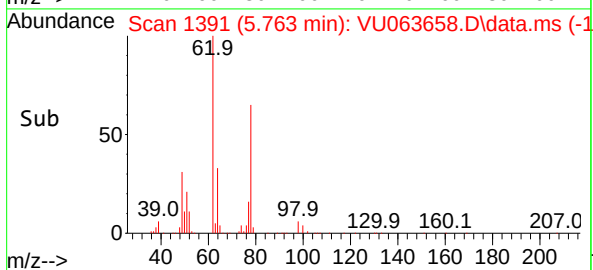
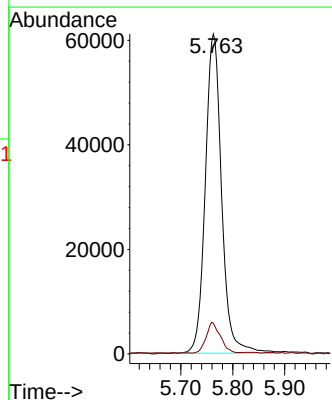
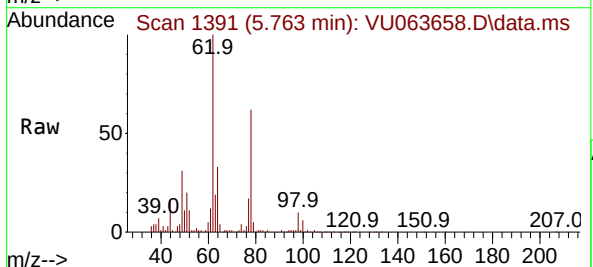
Manual Integrations
APPROVED

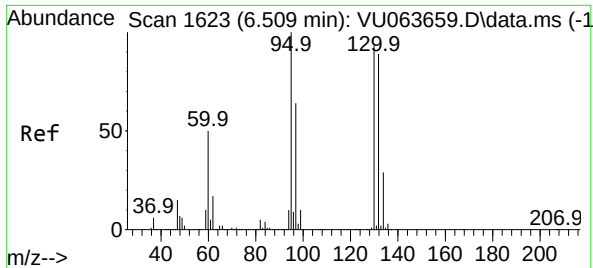
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#36
1,2-Dichloroethane
Concen: 4.630 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion: 62 Resp: 133319
Ion Ratio Lower Upper
62 100
98 8.3 6.8 10.2





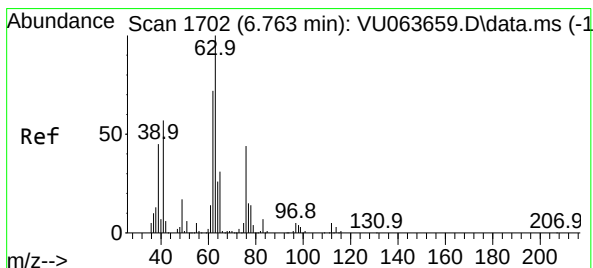
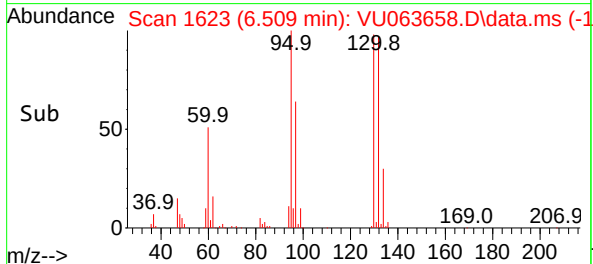
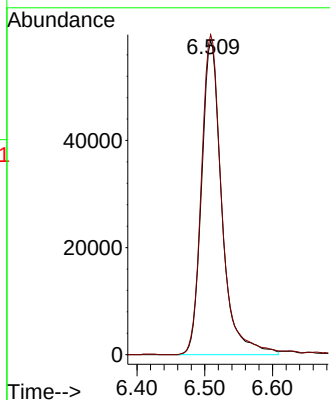
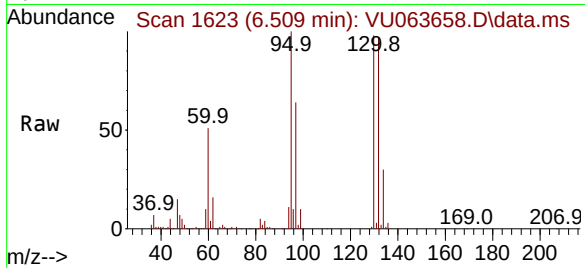
#37
Trichloroethene
Concen: 5.616 ug/l
RT: 6.509 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:130 Resp: 12143
Ion Ratio Lower Upper
130 100
95 101.9 86.0 129.0

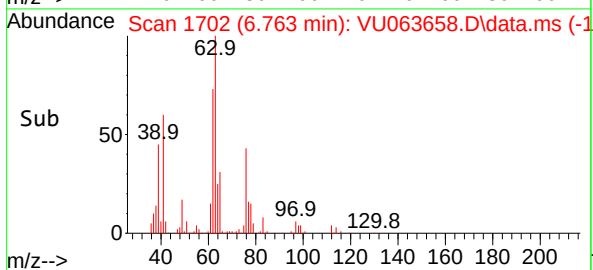
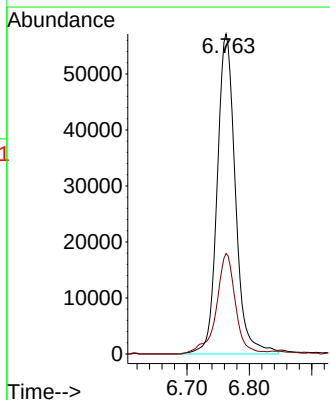
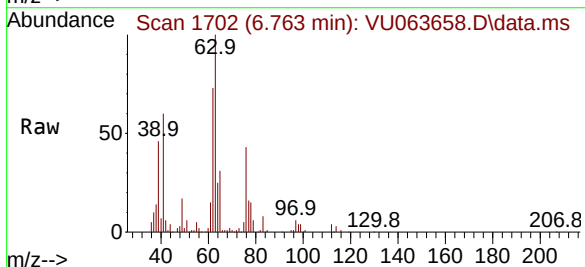
Manual Integrations
APPROVED

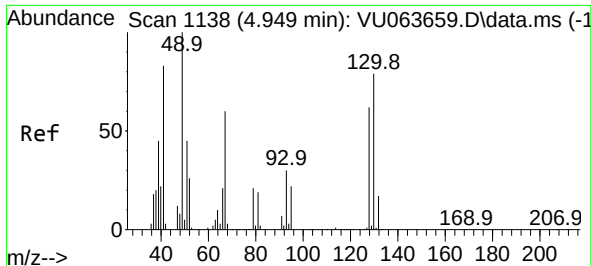
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#38
1,2-Dichloropropane
Concen: 5.133 ug/l
RT: 6.763 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion: 63 Resp: 115837
Ion Ratio Lower Upper
63 100
65 31.4 24.5 36.7





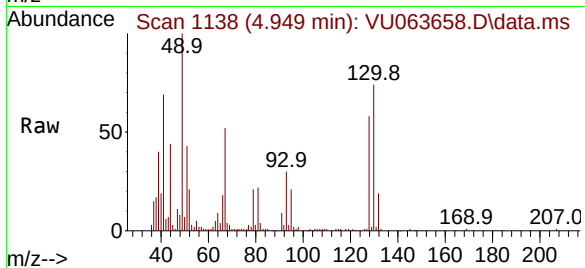
#39
Methacrylonitrile
Concen: 4.131 ug/l
RT: 4.949 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



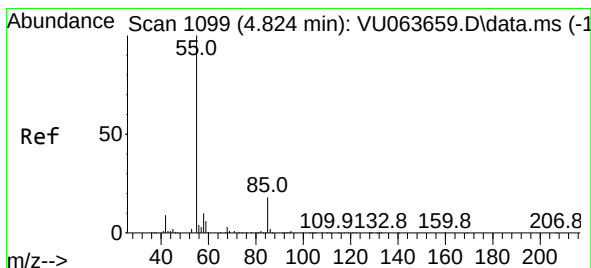
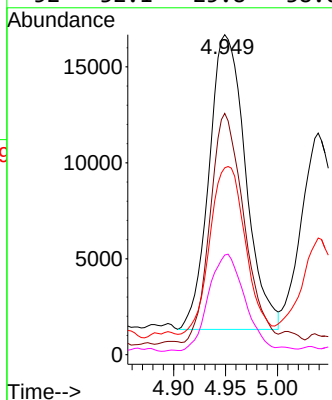
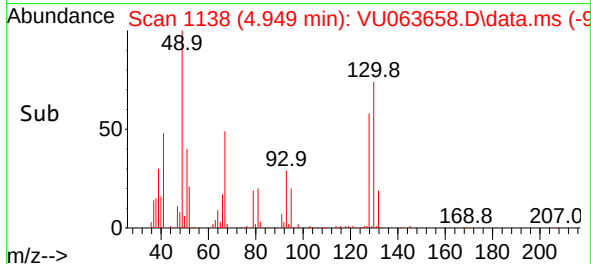
Tgt Ion:	41	Resp:	3748
Ion	Ratio	Lower	Upper
41	100		
67	72.1	61.4	92.2
39	55.4	46.5	69.7
52	32.1	25.8	38.6

Manual Integrations

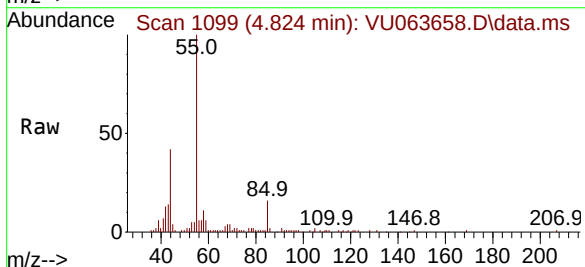
APPROVED

Reviewed By :Amit Patel 11/03/2025

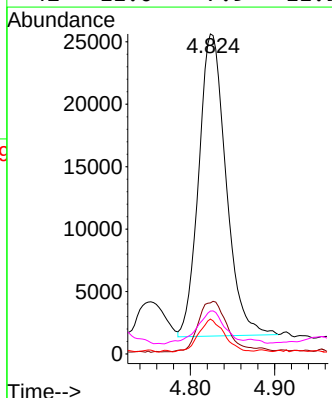
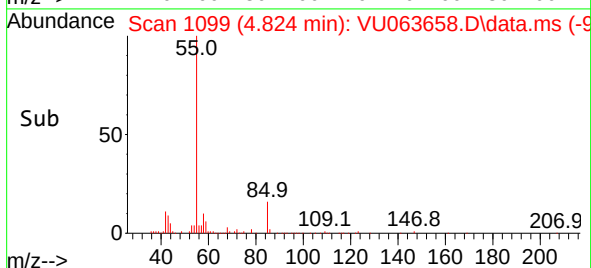
Supervised By :Mahesh Dadoda 11/03/2025

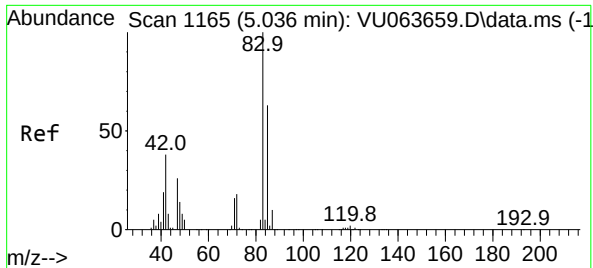


#40
Methyl acrylate
Concen: 4.376 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



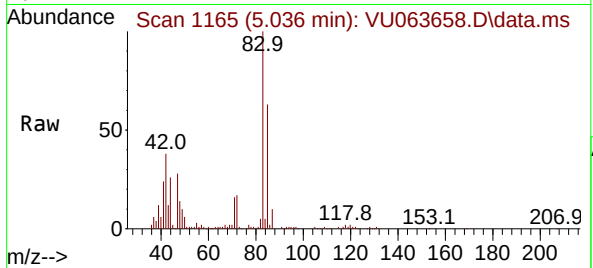
Tgt Ion:	55	Resp:	54490
Ion	Ratio	Lower	Upper
55	100		
85	17.5	15.3	22.9
58	10.1	7.7	11.5
42	11.0	7.9	11.9





#41
Tetrahydrofuran
Concen: 7.844 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

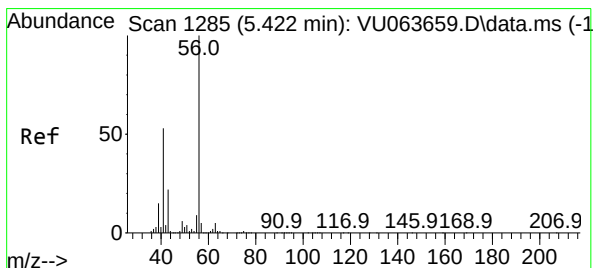
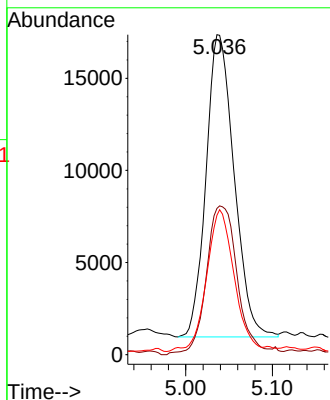
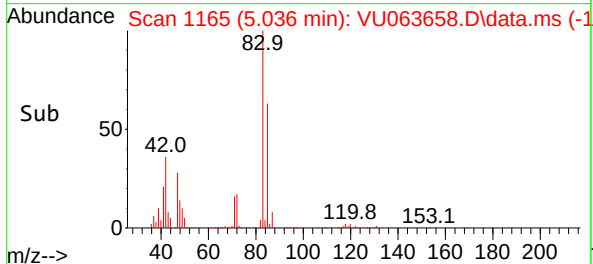
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



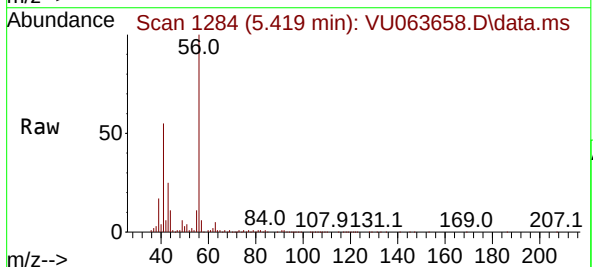
Tgt Ion: 42 Resp: 36978
Ion Ratio Lower Upper
42 100
72 53.9 40.5 60.7
71 45.8 35.0 52.6

Manual Integrations
APPROVED

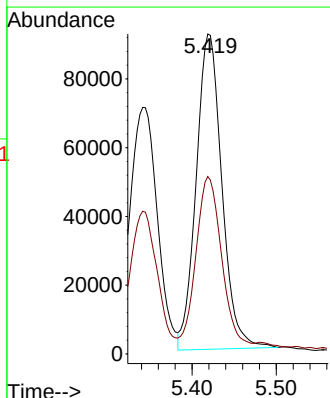
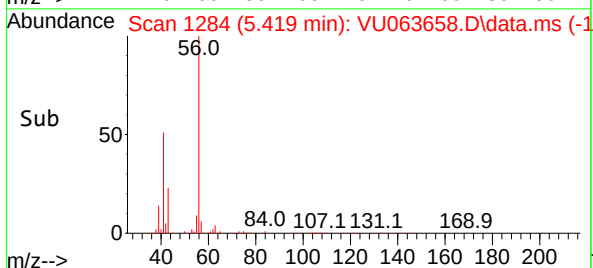
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

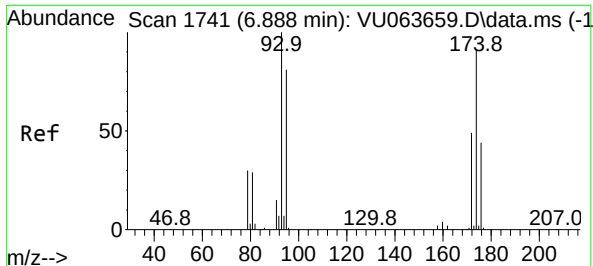


#42
1-Chlorobutane
Concen: 4.643 ug/l
RT: 5.419 min Scan# 1284
Delta R.T. -0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



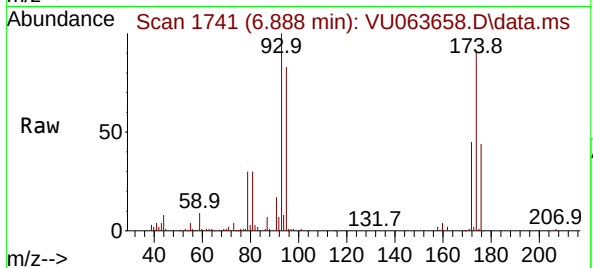
Tgt Ion: 56 Resp: 194399
Ion Ratio Lower Upper
56 100
41 51.9 25.9 77.6





#43
Dibromomethane
Concen: 5.488 ug/l
RT: 6.888 min Scan# 1741
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

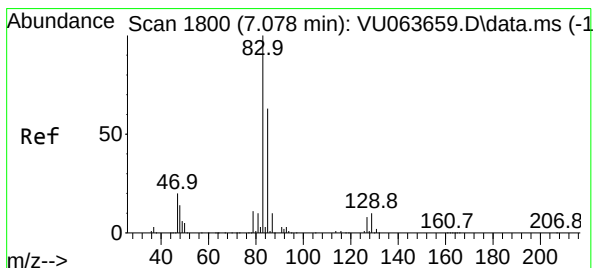
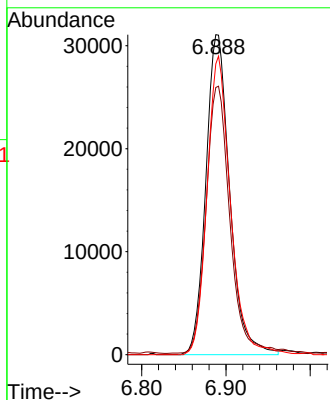
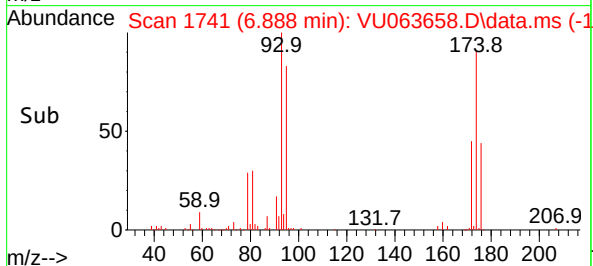
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



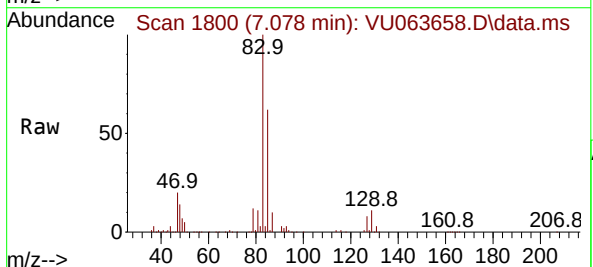
Tgt Ion: 93 Resp: 6128
Ion Ratio Lower Upper
93 100
95 82.6 64.6 97.0
174 91.8 73.8 110.8

Manual Integrations
APPROVED

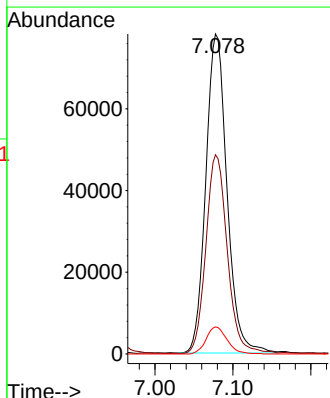
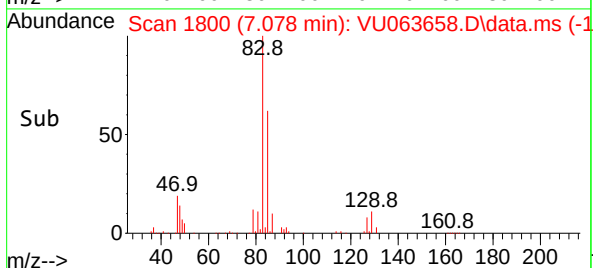
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

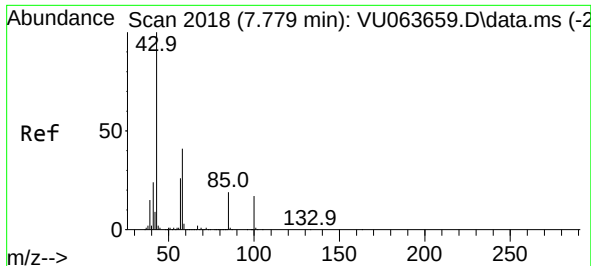


#44
Bromodichloromethane
Concen: 6.083 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



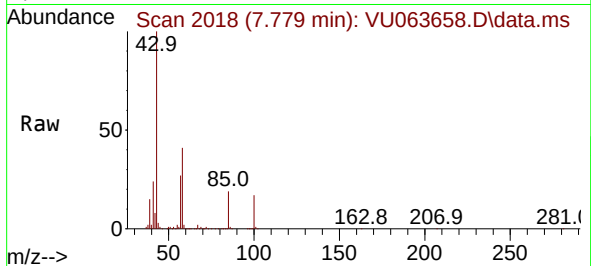
Tgt Ion: 83 Resp: 147611
Ion Ratio Lower Upper
83 100
85 62.2 50.5 75.7
127 8.5 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 26.903 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

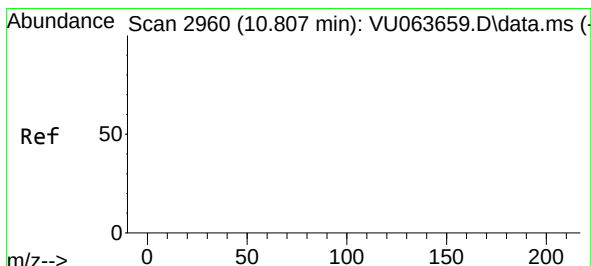
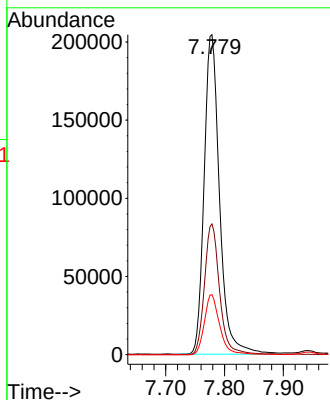
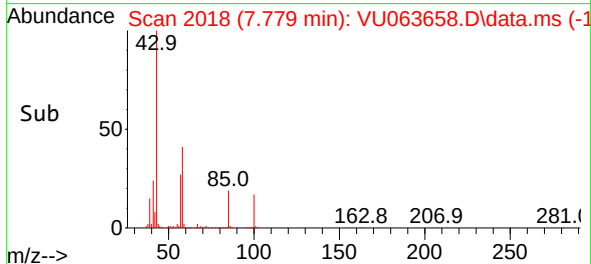
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 37316
Ion Ratio Lower Upper
43 100
58 40.1 20.2 60.5
85 18.5 15.0 22.6

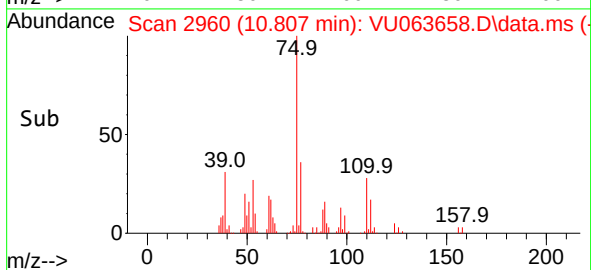
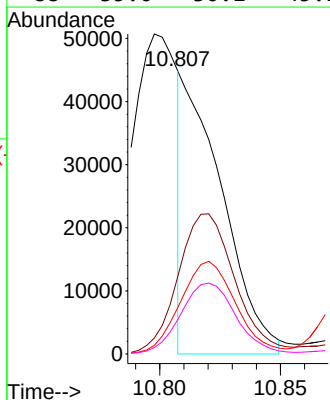
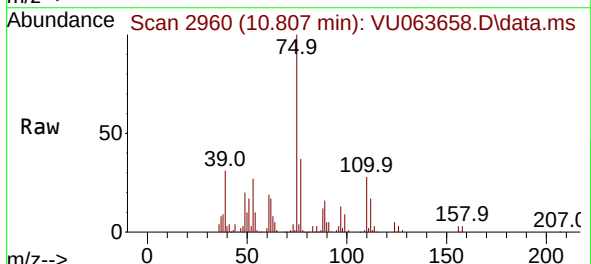
Manual Integrations
APPROVED

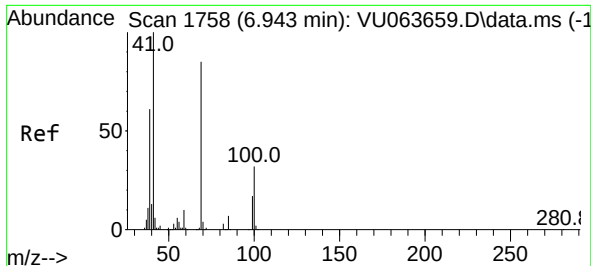
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#46
t-1,4-Dichloro-2-butene
Concen: 10.066 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion: 75 Resp: 51266
Ion Ratio Lower Upper
75 100
53 71.7 57.2 85.8
89 45.9 37.9 56.9
88 35.0 30.1 45.1





#47

Methyl methacrylate

Concen: 11.169 ug/l

RT: 6.946 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 11274

Ion Ratio Lower Upper

69 100

41 115.0 0.0 228.2

39 71.4 56.2 84.4

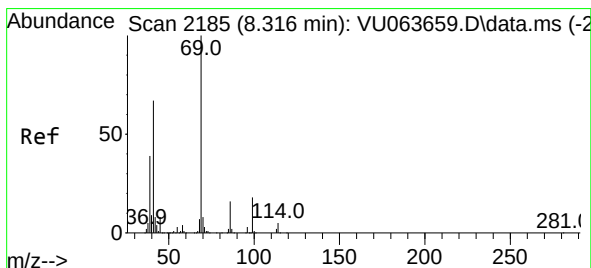
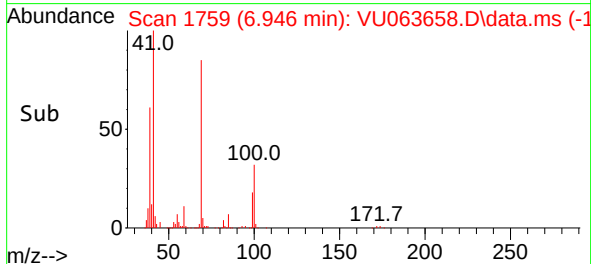
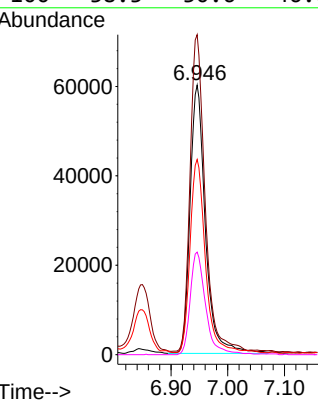
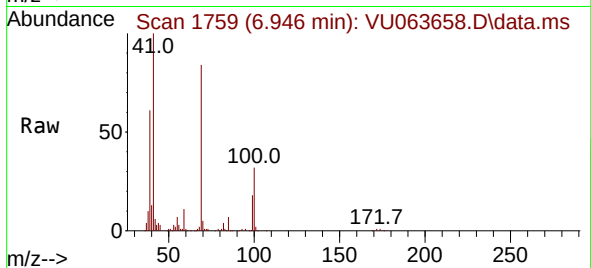
100 38.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#48

Ethyl methacrylate

Concen: 6.100 ug/l

RT: 8.316 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VU063658.D

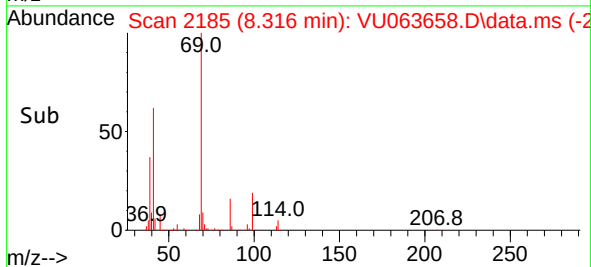
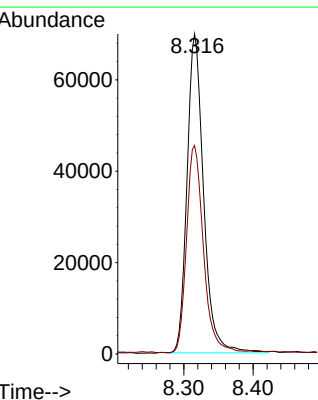
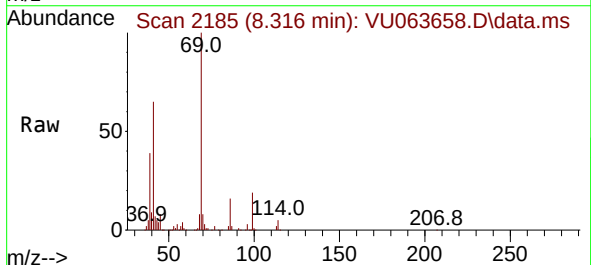
Acq: 31 Oct 2025 11:05

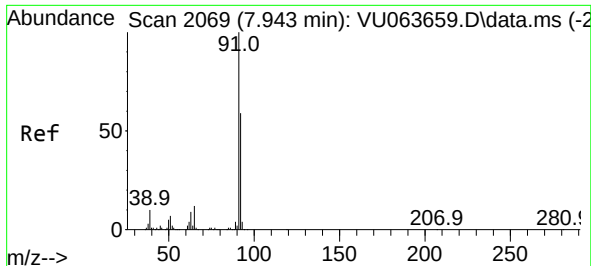
Tgt Ion: 69 Resp: 115881

Ion Ratio Lower Upper

69 100

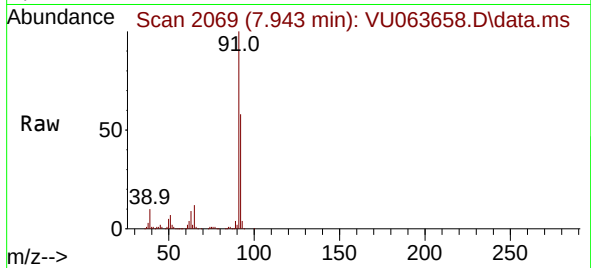
41 66.3 32.8 98.3





#49
Toluene
Concen: 5.974 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

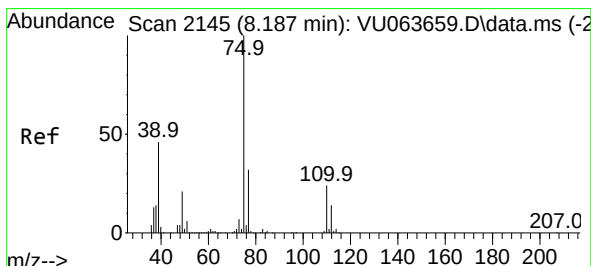
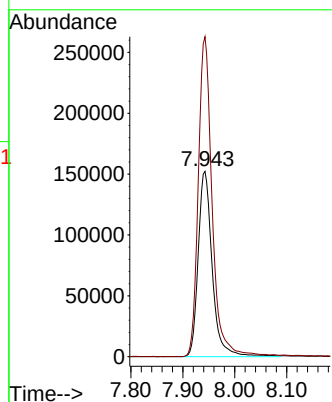
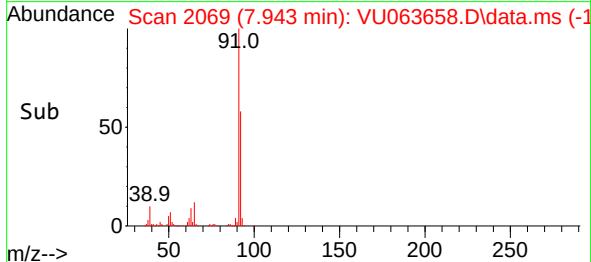
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



Tgt Ion: 92 Resp: 28690
Ion Ratio Lower Upper
92 100
91 169.6 136.8 205.2

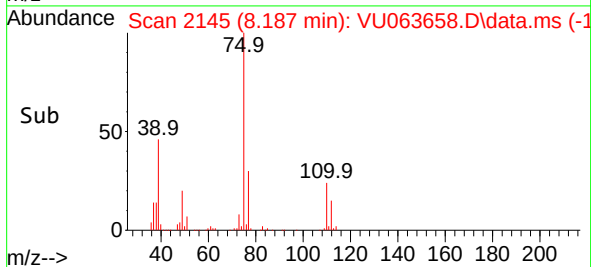
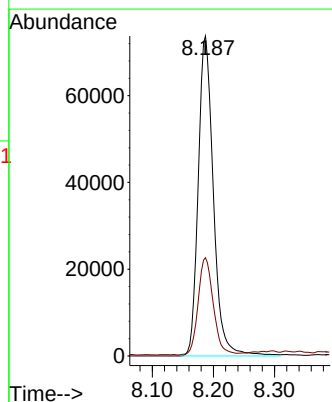
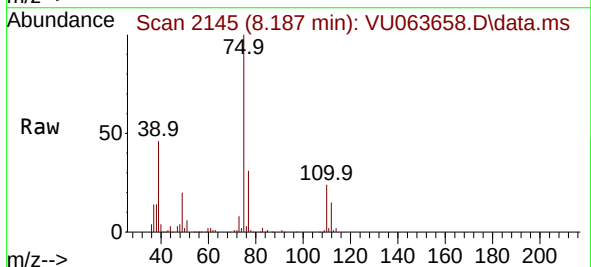
Manual Integrations
APPROVED

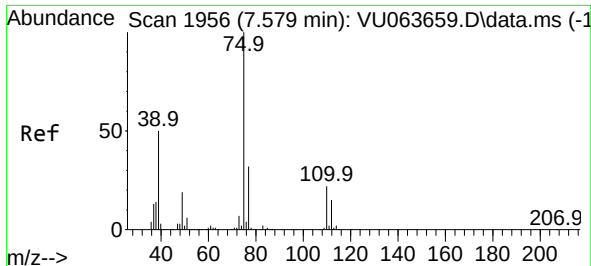
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#50
t-1,3-Dichloropropene
Concen: 6.786 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

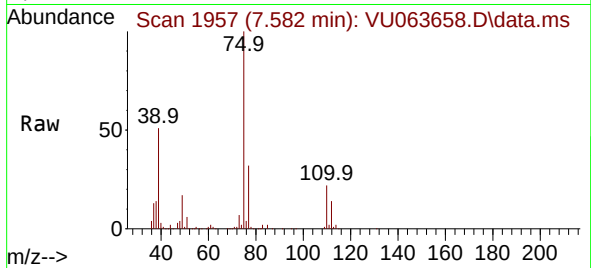
Tgt Ion: 75 Resp: 127241
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 6.407 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

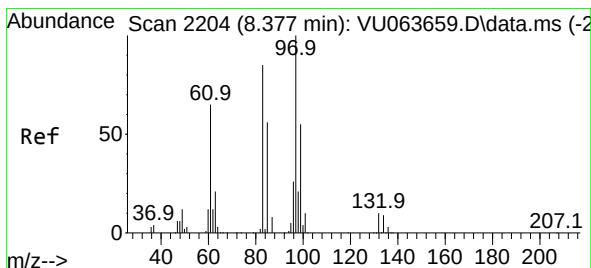
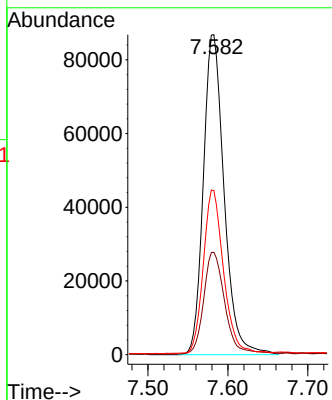
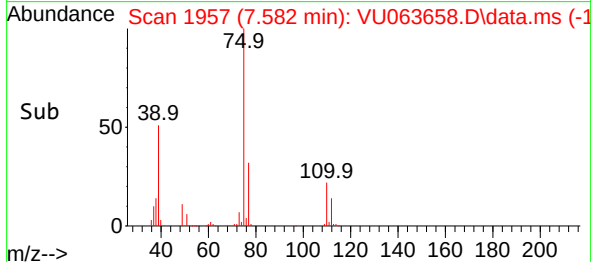
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 157159
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 50.5 39.9 59.9

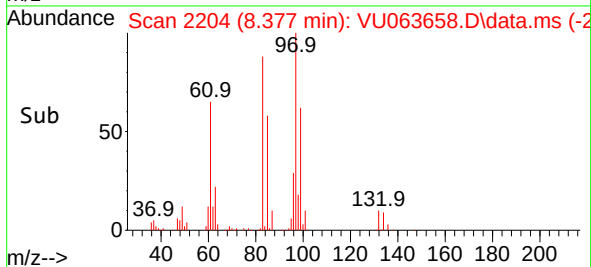
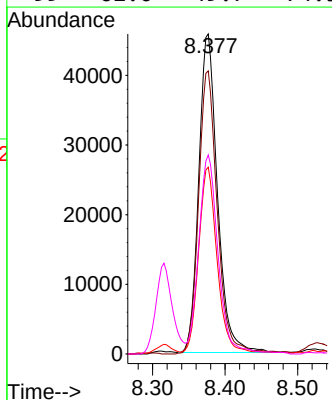
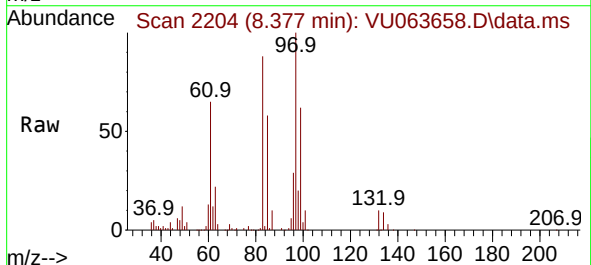
Manual Integrations
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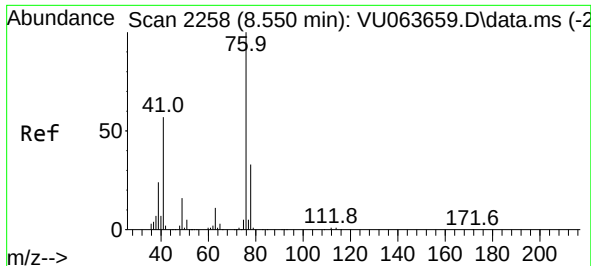
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025



#52
 1,1,2-Trichloroethane
 Concen: 5.252 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

Tgt Ion: 97 Resp: 82020
 Ion Ratio Lower Upper
 97 100
 83 88.6 68.3 102.5
 85 58.1 45.3 67.9
 99 62.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 5.369 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 146262

Ion Ratio Lower Upper

76 100

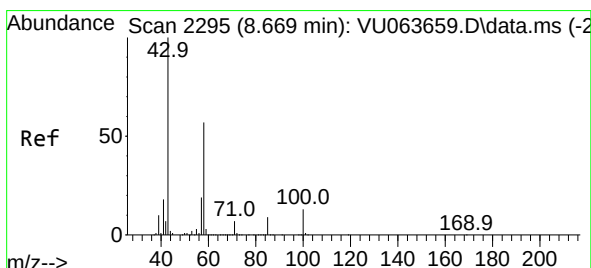
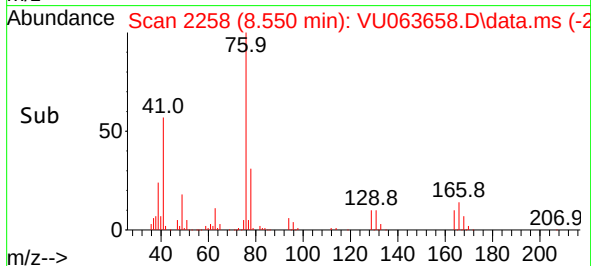
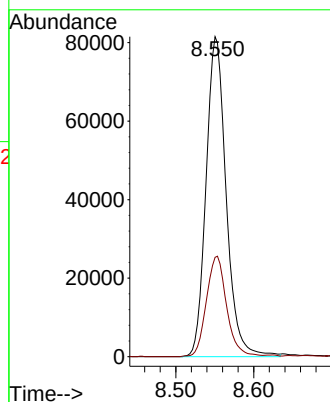
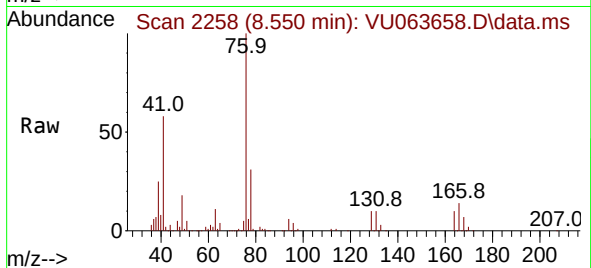
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#54

2-Hexanone

Concen: 30.126 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

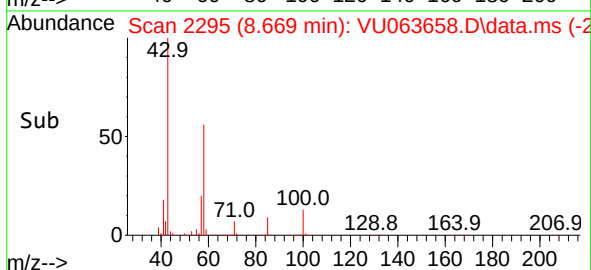
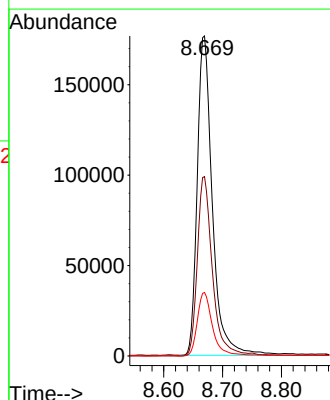
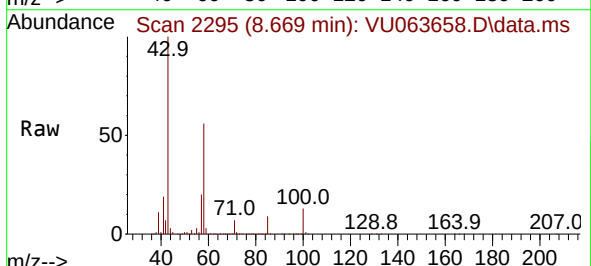
Tgt Ion: 43 Resp: 315312

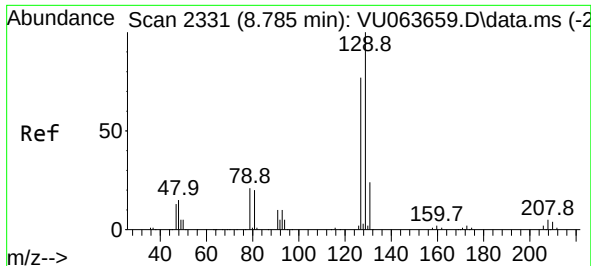
Ion Ratio Lower Upper

43 100

58 55.5 36.3 76.3

57 20.0 0.0 39.7





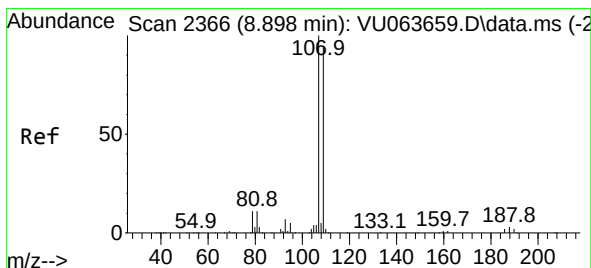
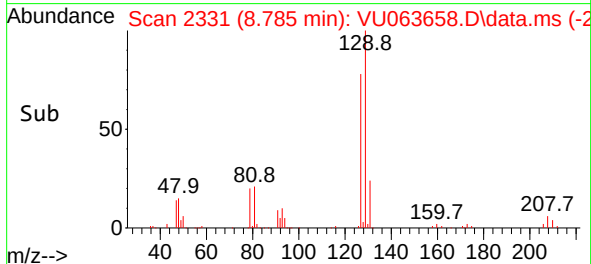
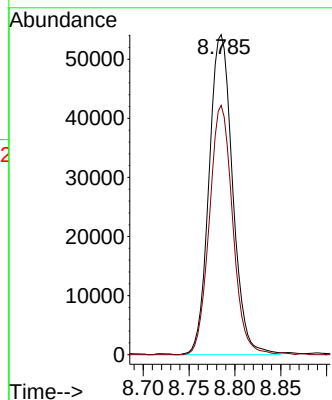
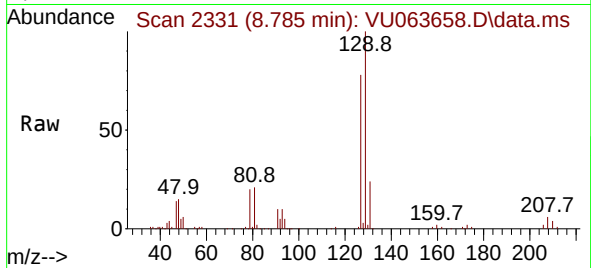
#55
Dibromochloromethane
Concen: 6.189 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 97060
Ion Ratio Lower Upper
129 100
127 76.7 61.4 92.0

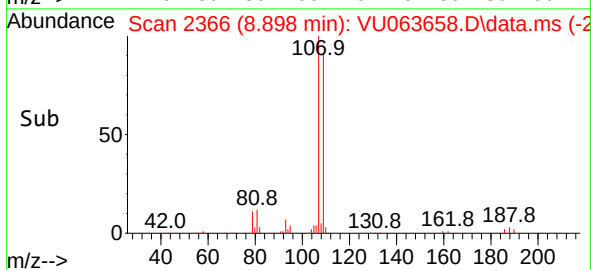
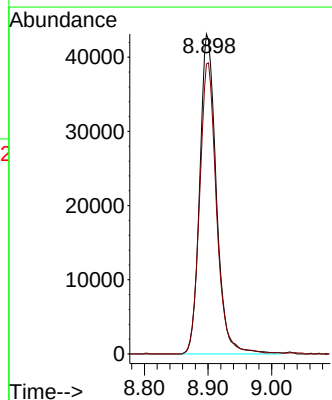
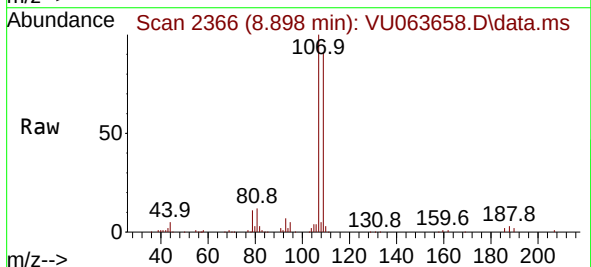
Manual Integrations
APPROVED

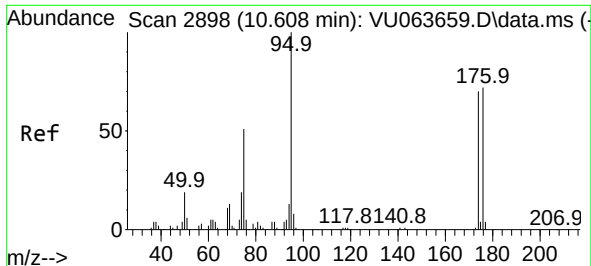
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#56
1,2-Dibromoethane
Concen: 5.699 ug/l
RT: 8.898 min Scan# 2366
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

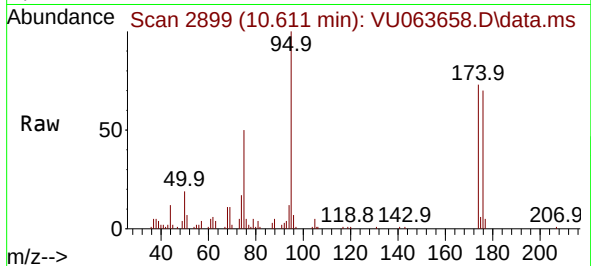
Tgt Ion:107 Resp: 78085
Ion Ratio Lower Upper
107 100
109 92.4 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.130 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

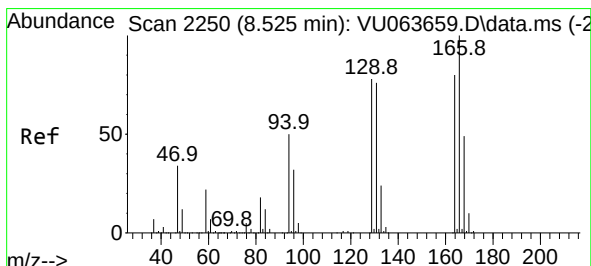
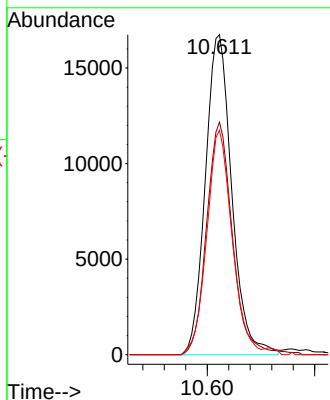
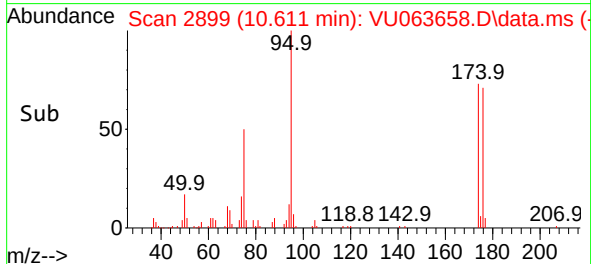
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 28580
Ion Ratio Lower Upper
95 100
174 71.2 59.9 89.9
176 67.0 58.8 88.2

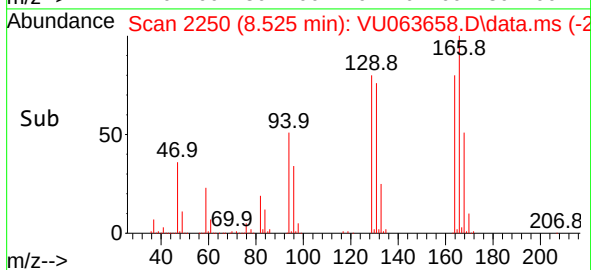
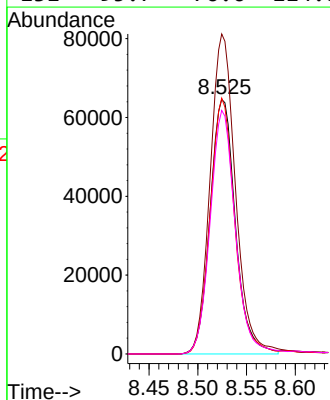
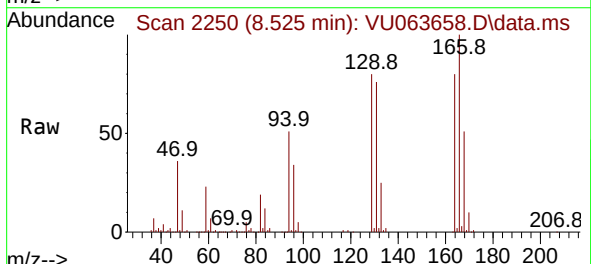
Manual Integrations
APPROVED

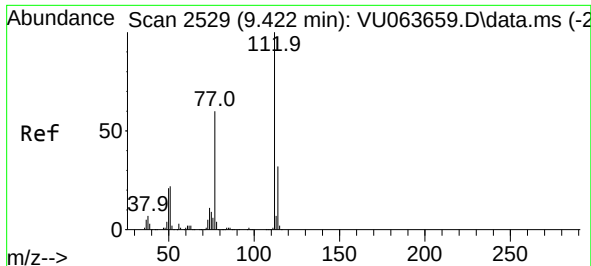
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#58
Tetrachloroethene
Concen: 5.415 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

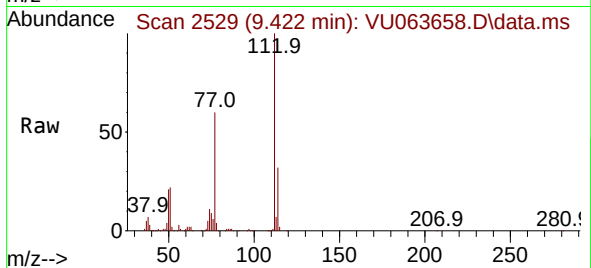
Tgt Ion:164 Resp: 116753
Ion Ratio Lower Upper
164 100
166 125.7 100.1 150.1
129 100.5 77.6 116.4
131 95.7 76.6 114.8





#59
Chlorobenzene
Concen: 5.613 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

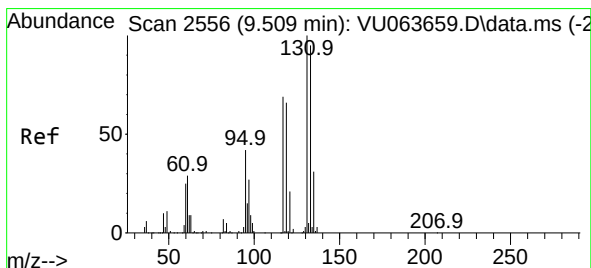
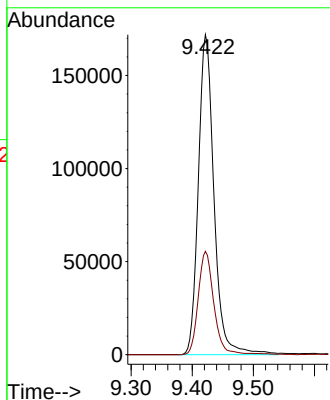
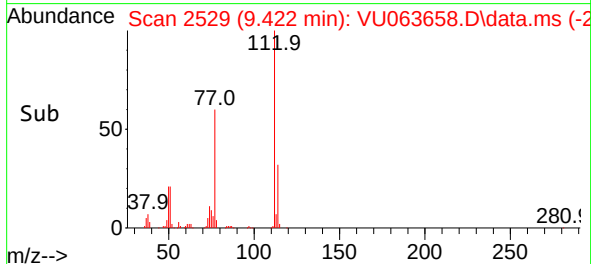
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



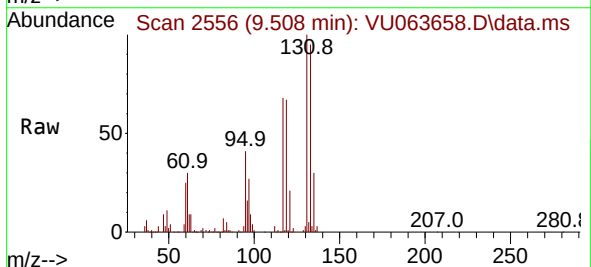
Tgt Ion:112 Resp: 306400
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

Manual Integrations
APPROVED

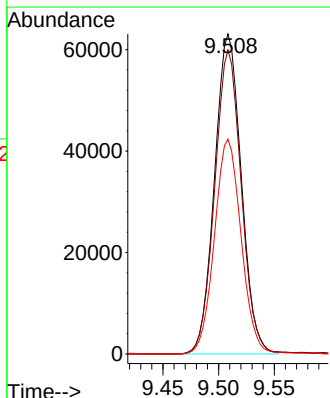
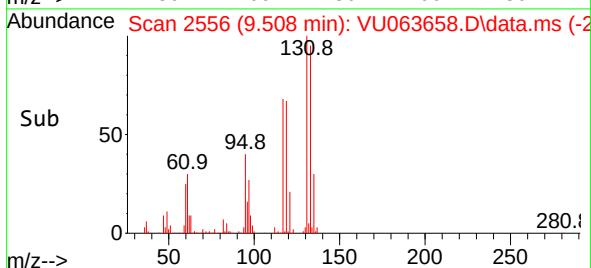
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

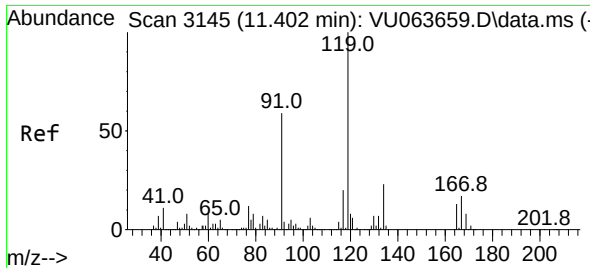


#60
1,1,1,2-Tetrachloroethane
Concen: 5.856 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



Tgt Ion:131 Resp: 105294
Ion Ratio Lower Upper
131 100
133 94.7 77.0 115.6
119 67.3 52.8 79.2





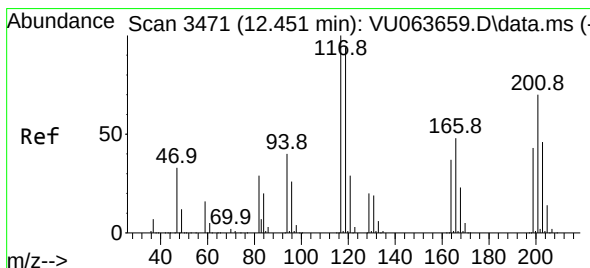
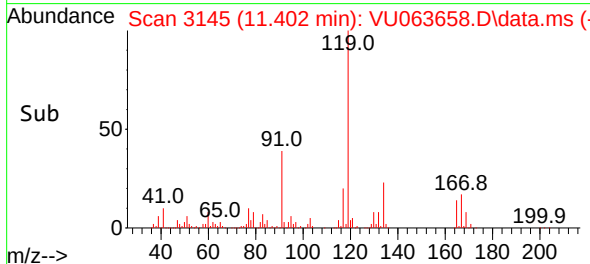
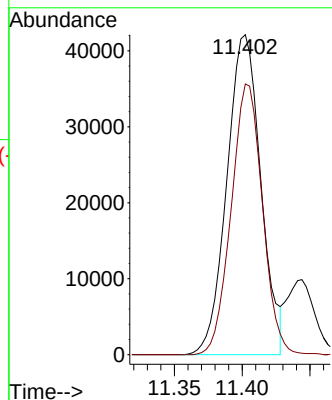
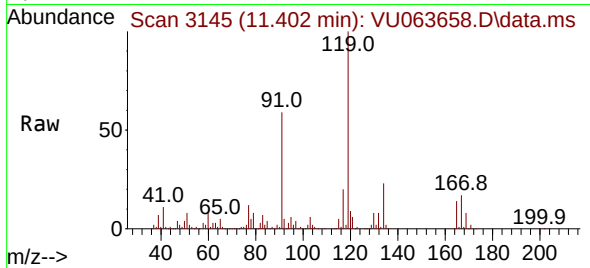
#61
Pentachloroethane
Concen: 5.733 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 7342
Ion Ratio Lower Upper
117 100
167 78.0 62.8 94.2

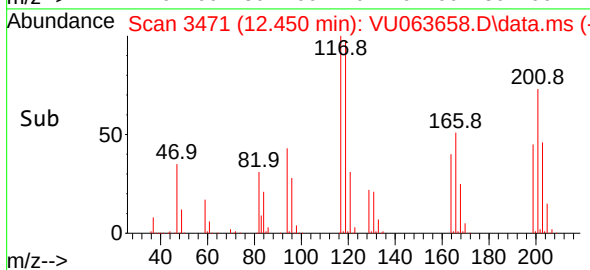
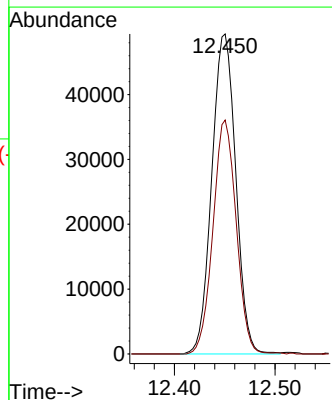
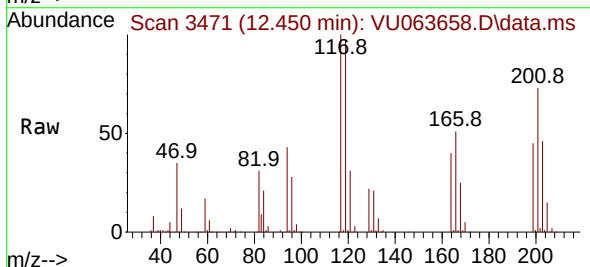
Manual Integrations
APPROVED

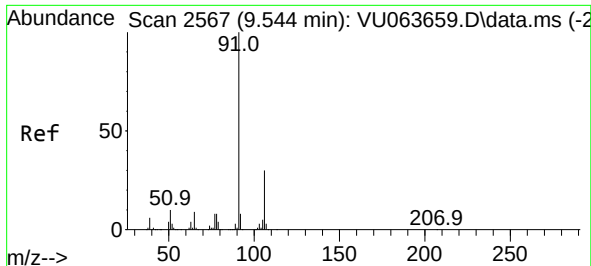
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#62
Hexachloroethane
Concen: 6.946 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion:117 Resp: 81710
Ion Ratio Lower Upper
117 100
201 70.8 56.3 84.5





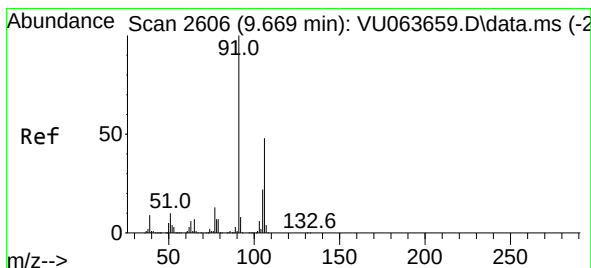
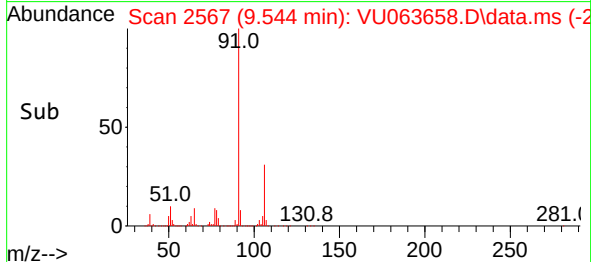
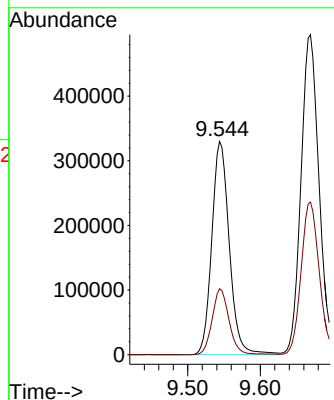
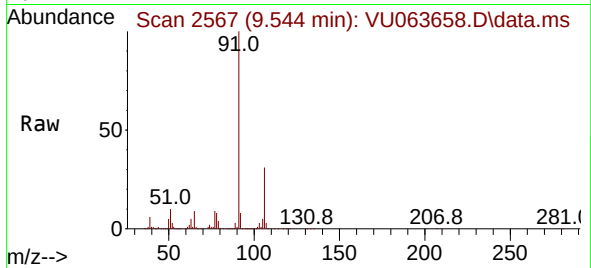
#63
Ethyl Benzene
Concen: 5.892 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 553219
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

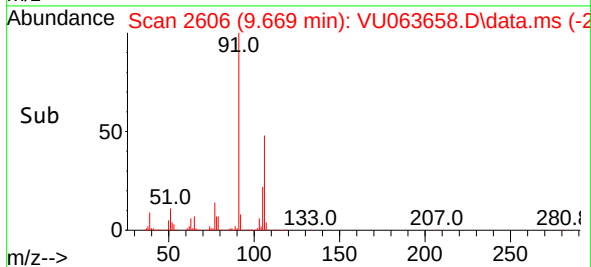
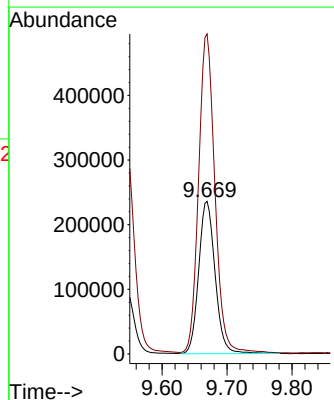
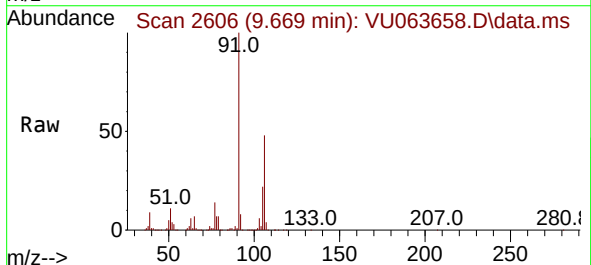
Manual Integrations
APPROVED

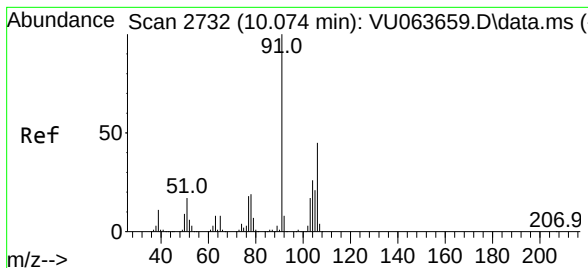
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#64
m/p-Xylenes
Concen: 11.534 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

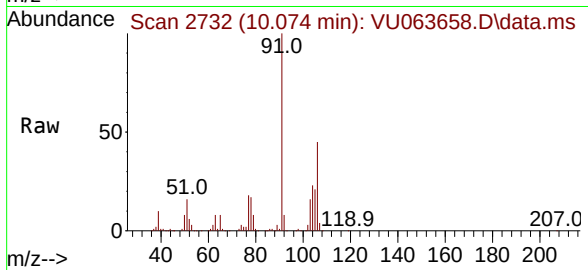
Tgt Ion:106 Resp: 415038
Ion Ratio Lower Upper
106 100
91 208.8 167.0 250.4





#65
o-Xylene
Concen: 5.656 ug/l
RT: 10.074 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

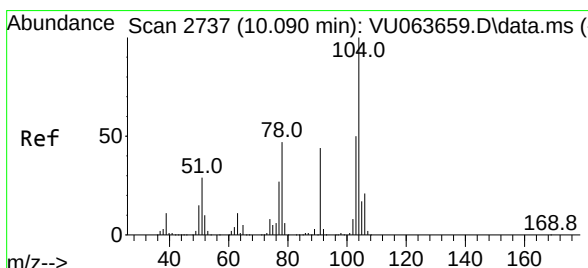
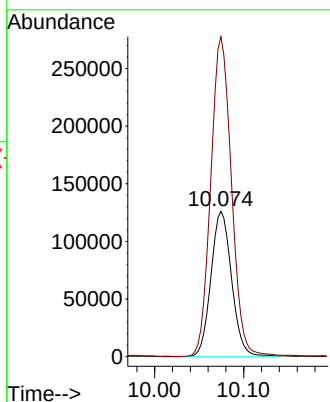
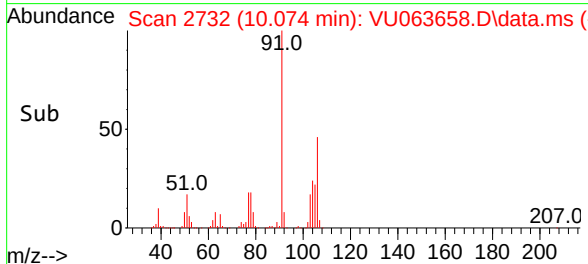
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 203380
Ion Ratio Lower Upper
106 100
91 221.0 109.3 327.9

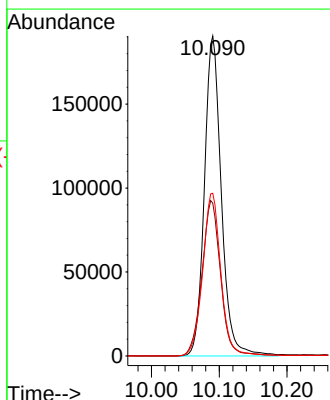
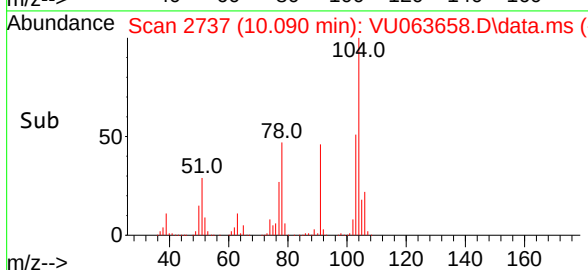
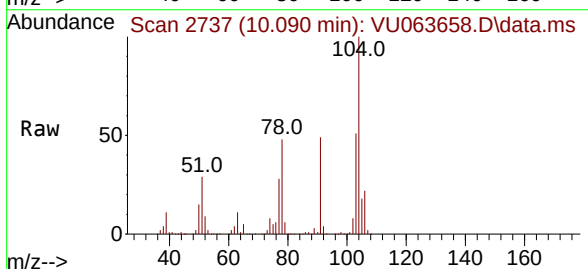
Manual Integrations
APPROVED

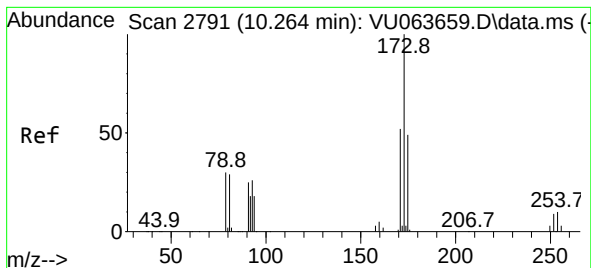
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#66
Styrene
Concen: 5.778 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion:104 Resp: 331590
Ion Ratio Lower Upper
104 100
78 53.5 42.8 64.2
103 54.8 43.9 65.9





#67

Bromoform

Concen: 6.670 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

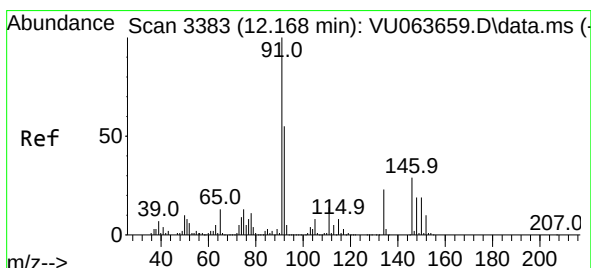
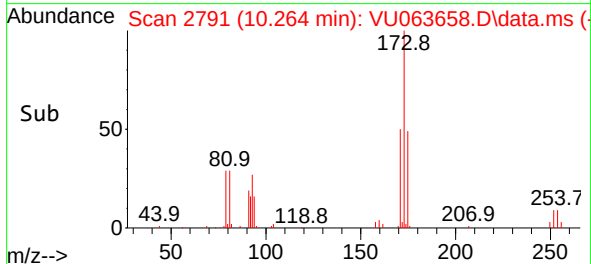
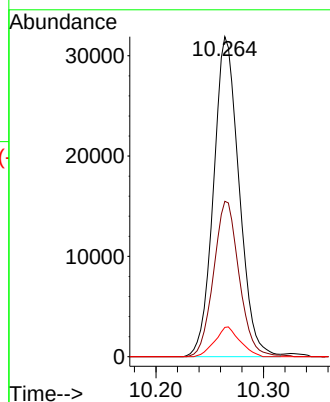
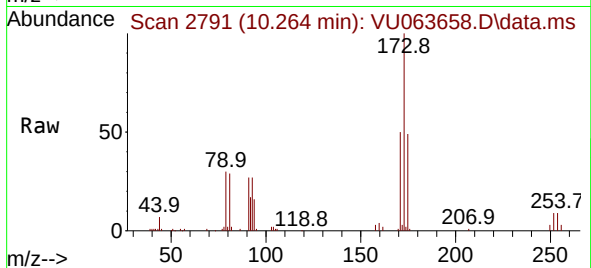
Tgt Ion:173	Resp:	52610
Ion Ratio	Lower	Upper
173	100	
175	48.6	39.0 58.4
254	9.1	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.033 ug/l

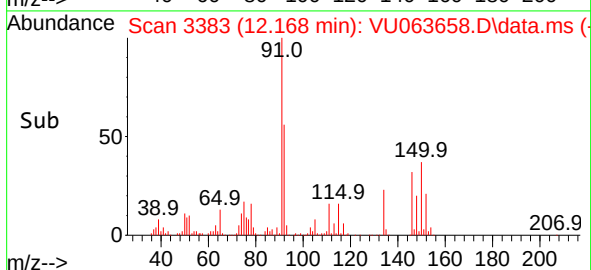
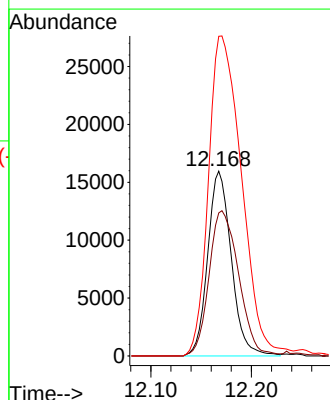
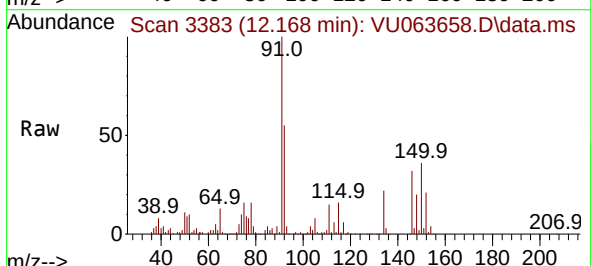
RT: 12.168 min Scan# 3383

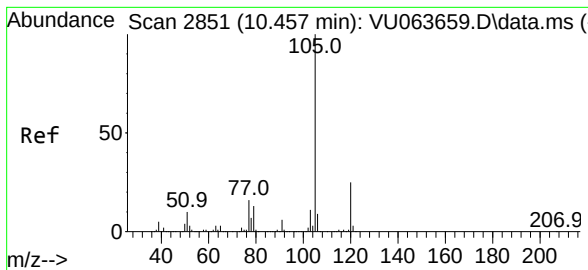
Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Tgt Ion:152	Resp:	26028
Ion Ratio	Lower	Upper
152	100	
115	98.6	0.0 247.2
150	242.3	0.0 643.6





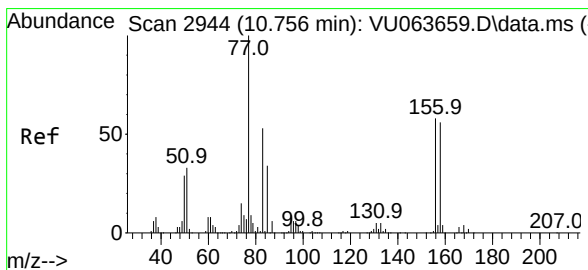
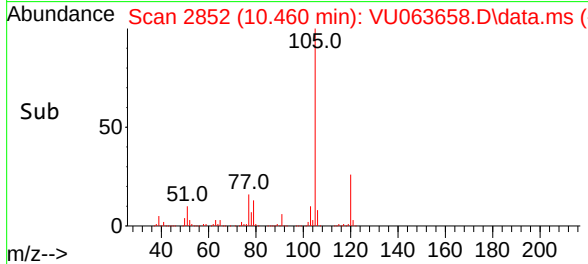
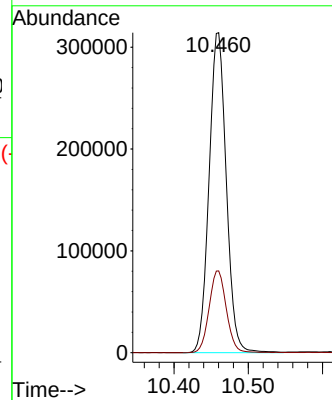
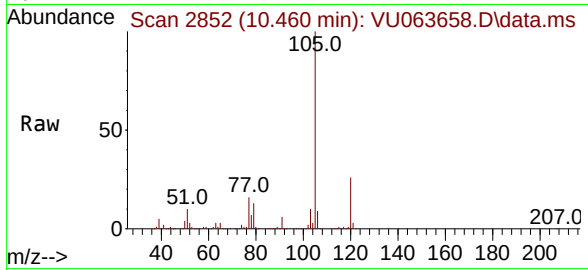
#69
Isopropylbenzene
Concen: 5.774 ug/l
RT: 10.460 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:105 Resp: 504450
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

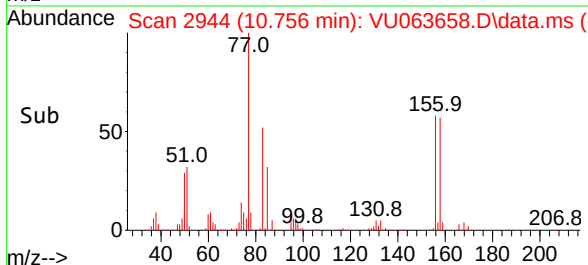
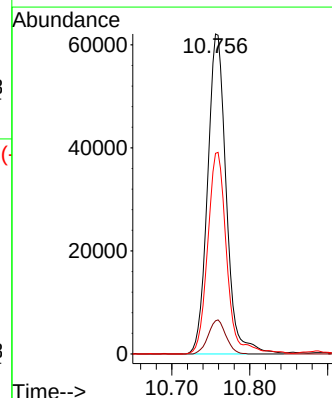
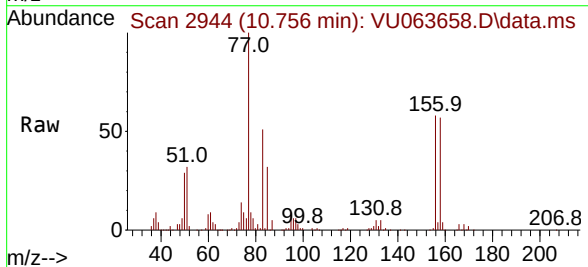
Manual Integrations
APPROVED

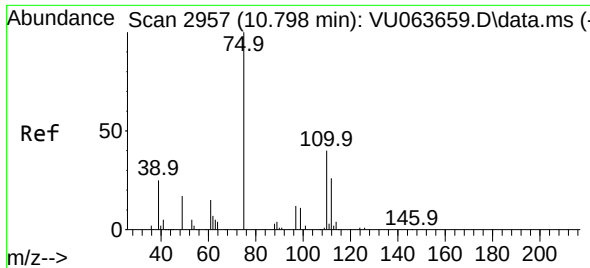
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 5.219 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion: 83 Resp: 103512
Ion Ratio Lower Upper
83 100
131 10.1 8.1 12.1
85 64.3 51.0 76.6





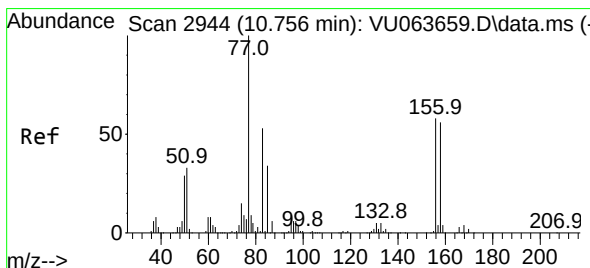
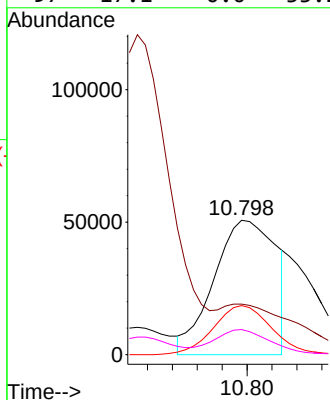
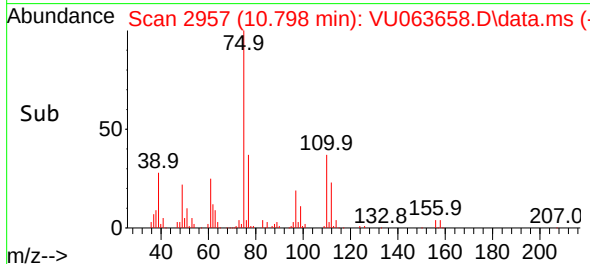
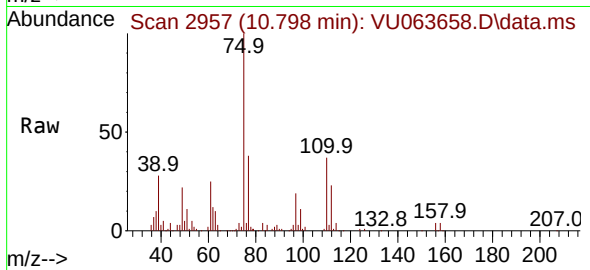
#71
1,2,3-Trichloropropane
Concen: 5.746 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75	Resp: 8785
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 34.5	0.0 66.4
97 17.1	0.0 33.2

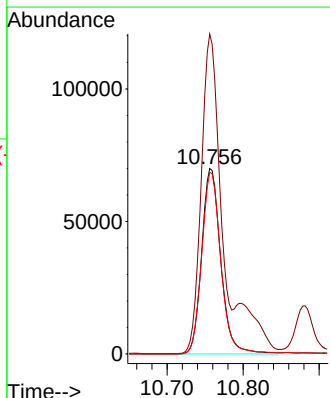
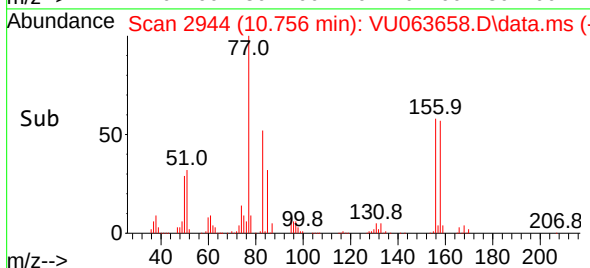
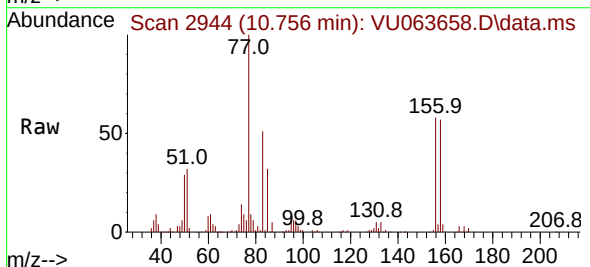
Manual Integrations
APPROVED

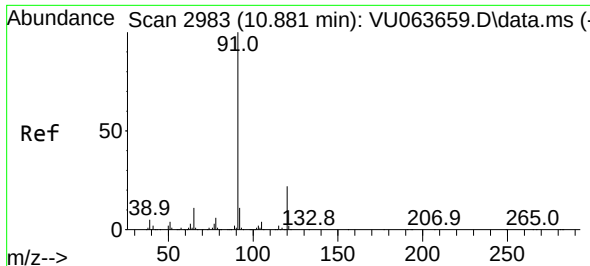
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#72
Bromobenzene
Concen: 5.420 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

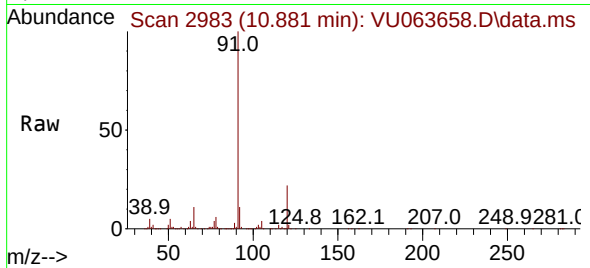
Tgt Ion:156	Resp: 121776
Ion Ratio	Lower Upper
156 100	
77 165.7	0.0 337.2
158 98.3	0.0 191.8





#73
n-propylbenzene
Concen: 5.673 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

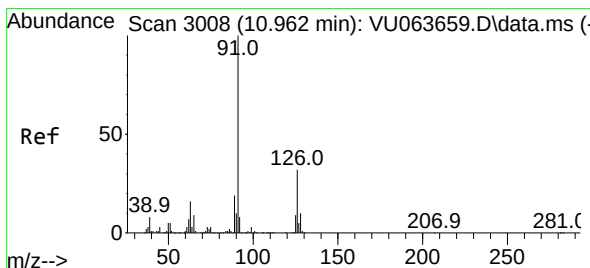
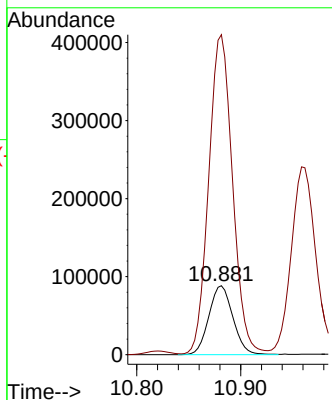
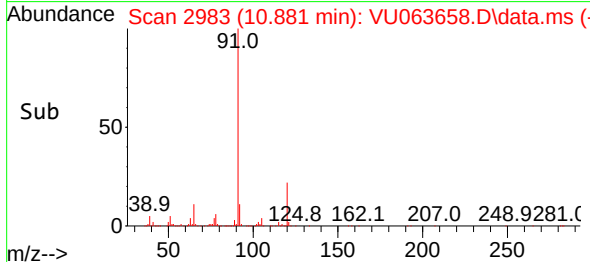
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:120 Resp: 142205
Ion Ratio Lower Upper
120 100
91 457.1 361.4 542.2

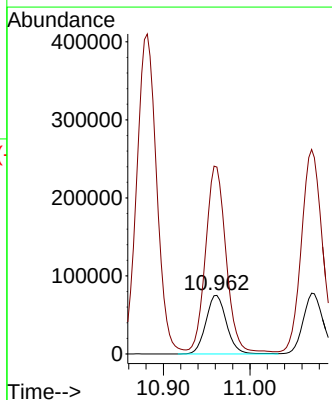
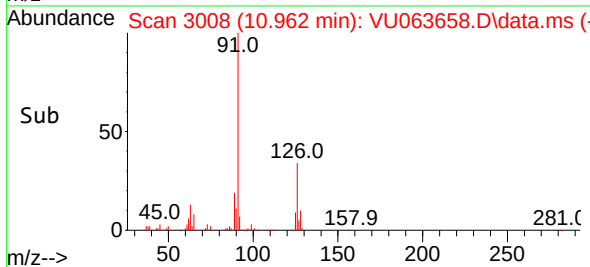
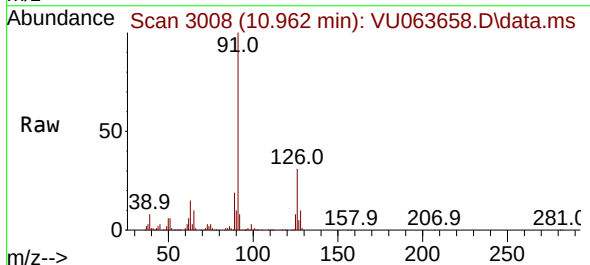
Manual Integrations
APPROVED

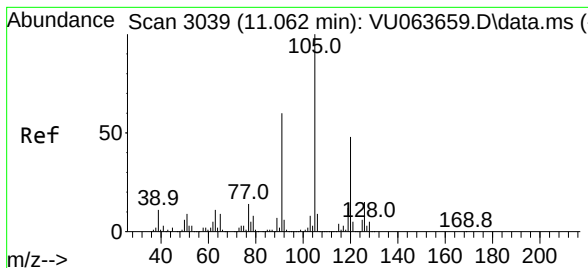
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#74
2-Chlorotoluene
Concen: 5.509 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion:126 Resp: 124232
Ion Ratio Lower Upper
126 100
91 318.0 0.0 634.8





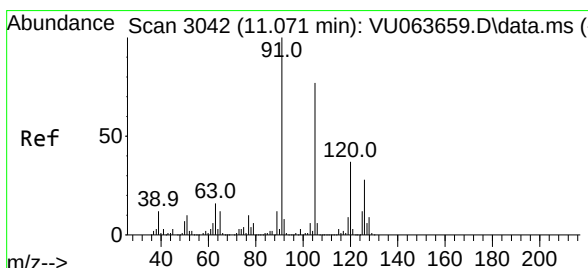
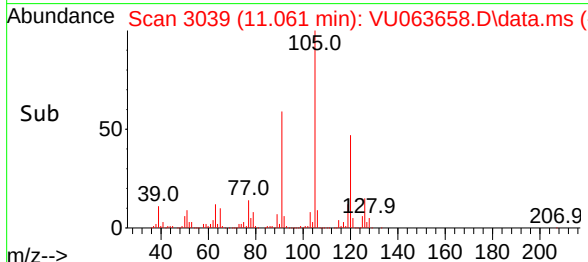
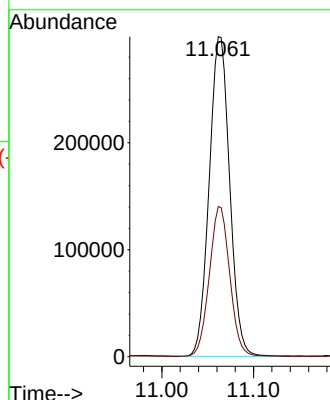
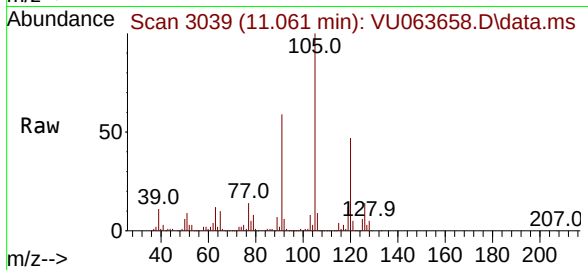
#75
1,3,5-Trimethylbenzene
Concen: 5.703 ug/l
RT: 11.061 min Scan# 3039
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 463779
Ion Ratio Lower Upper
105 100
120 46.8 38.2 57.2

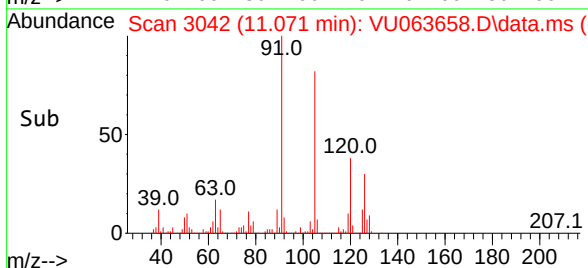
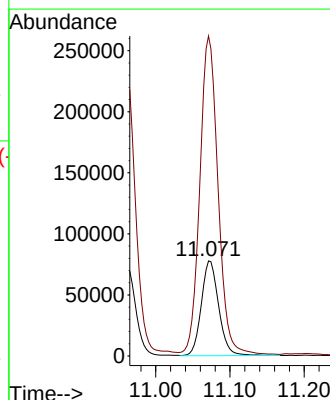
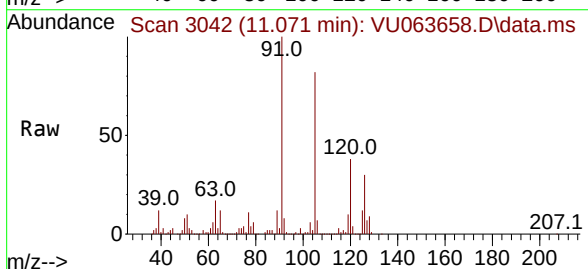
Manual Integrations
APPROVED

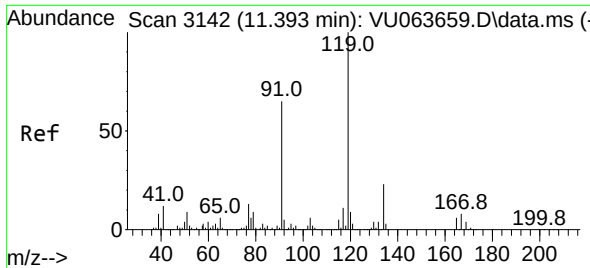
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#76
4-Chlorotoluene
Concen: 5.349 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

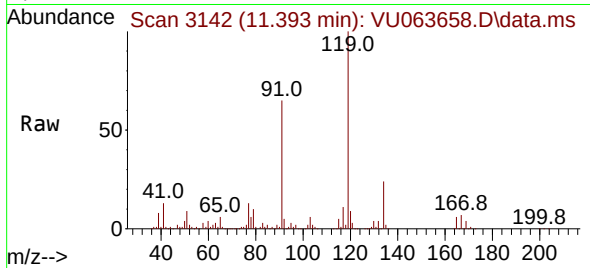
Tgt Ion:126 Resp: 125943
Ion Ratio Lower Upper
126 100
91 351.8 0.0 716.6





#77
tert-Butylbenzene
Concen: 5.741 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

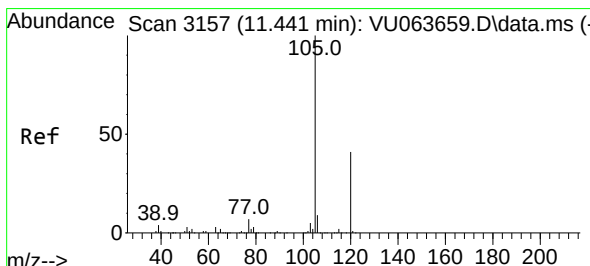
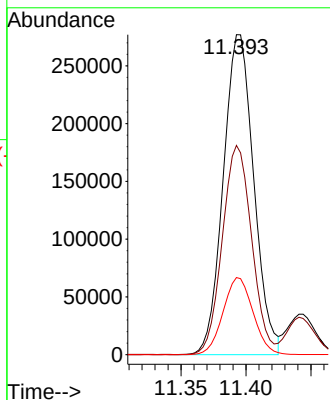
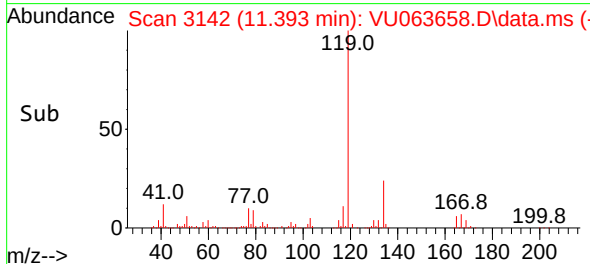
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



Tgt Ion:119 Resp: 45336
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.8
134 23.7 18.7 28.1

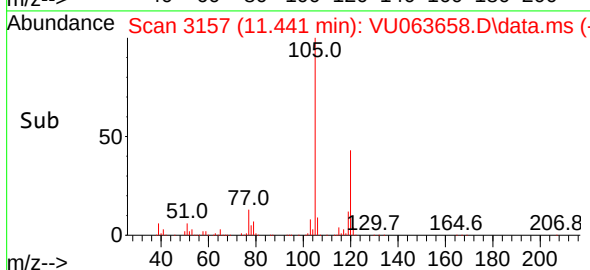
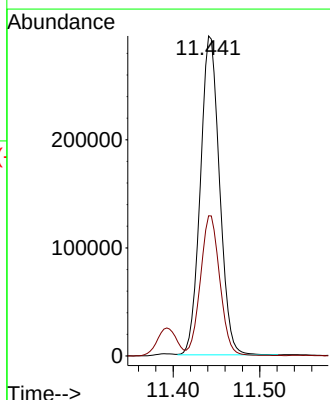
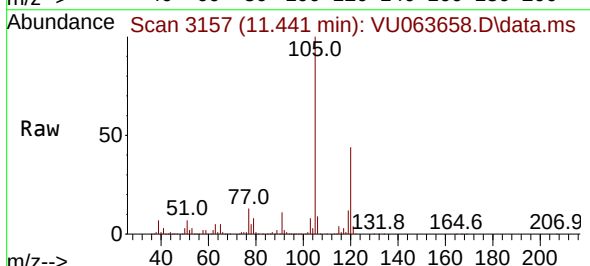
Manual Integrations
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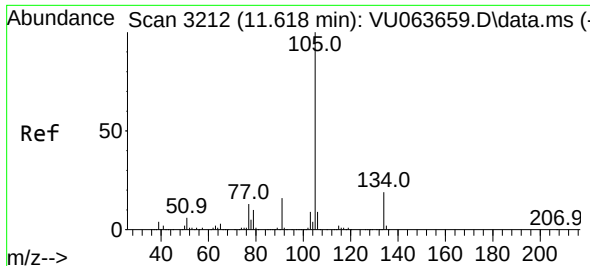
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#78
1,2,4-Trimethylbenzene
Concen: 5.745 ug/l
RT: 11.441 min Scan# 3157
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

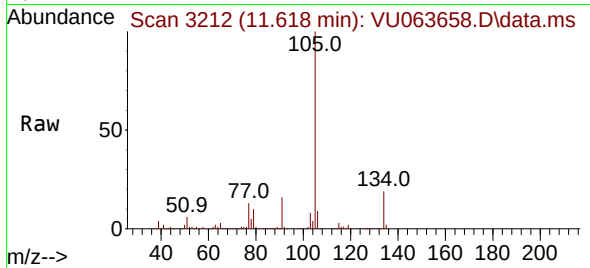
Tgt Ion:105 Resp: 454440
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 5.682 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05

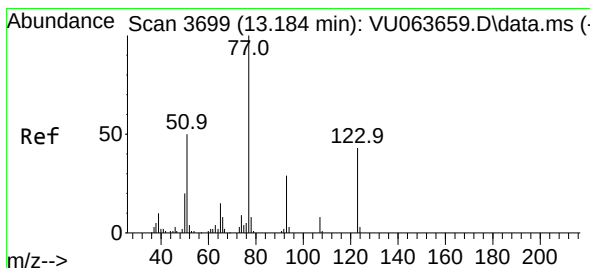
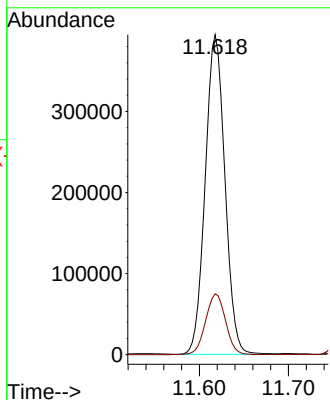
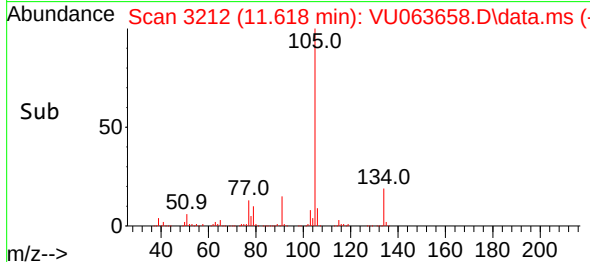
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



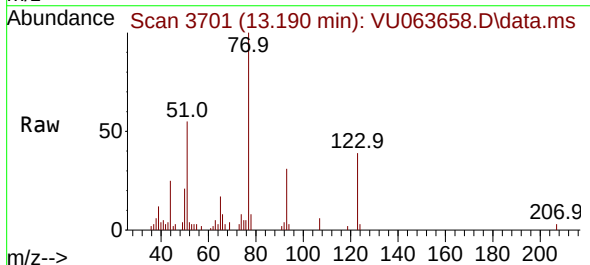
Tgt Ion:105 Resp: 60496
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5

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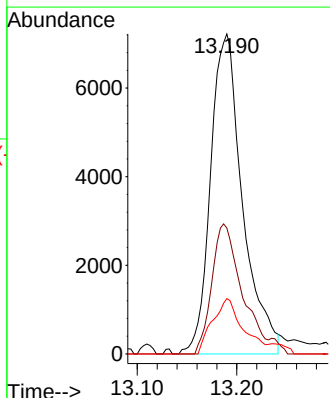
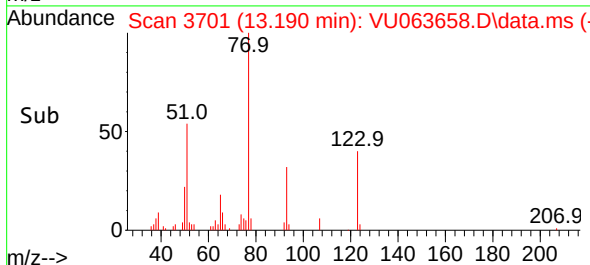
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

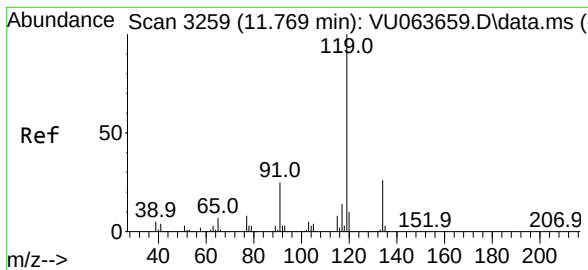


#80
 Nitrobenzene
 Concen: 48.598 ug/l m
 RT: 13.190 min Scan# 3701
 Delta R.T. 0.006 min
 Lab File: VU063658.D
 Acq: 31 Oct 2025 11:05



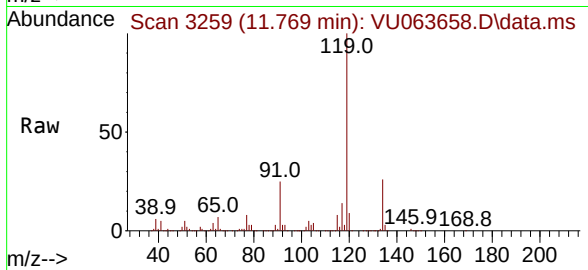
Tgt Ion: 77 Resp: 16098
 Ion Ratio Lower Upper
 77 100
 123 39.6 18.2 64.4
 65 13.8 13.6 17.2





#81
p-Isopropyltoluene
Concen: 5.721 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

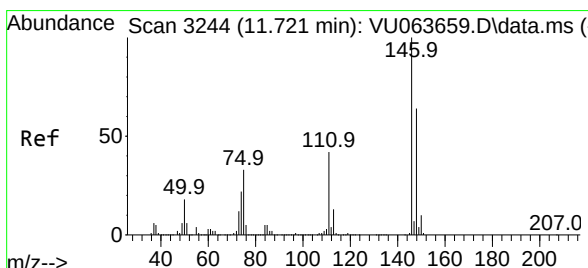
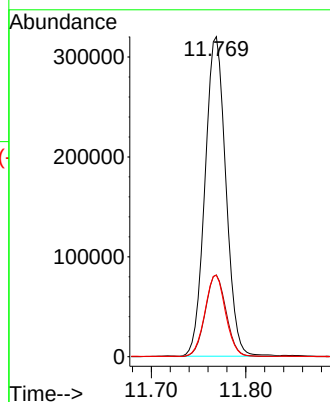
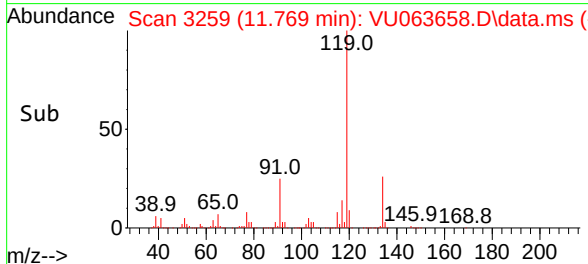
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



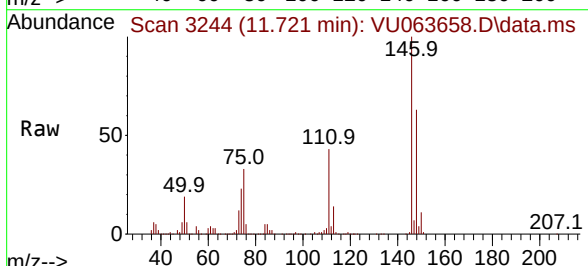
Tgt Ion:119 Resp: 489938
Ion Ratio Lower Upper
119 100
134 25.6 20.3 30.5
91 25.1 20.1 30.1

Manual Integrations
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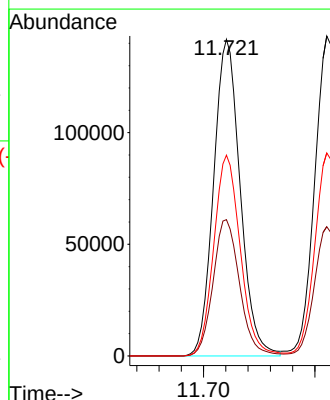
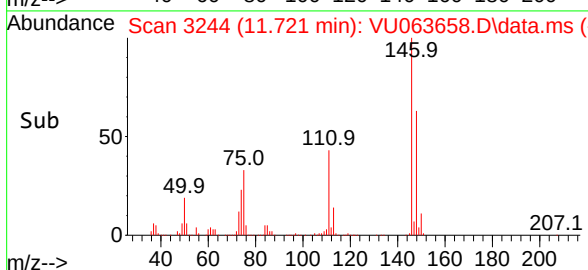
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

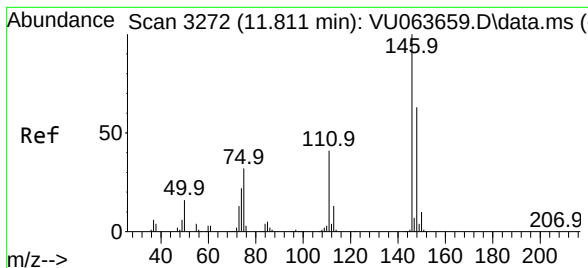


#82
1,3-Dichlorobenzene
Concen: 5.237 ug/l
RT: 11.721 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05



Tgt Ion:146 Resp: 234880
Ion Ratio Lower Upper
146 100
111 43.1 33.8 50.8
148 63.4 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 5.095 ug/l

RT: 11.811 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

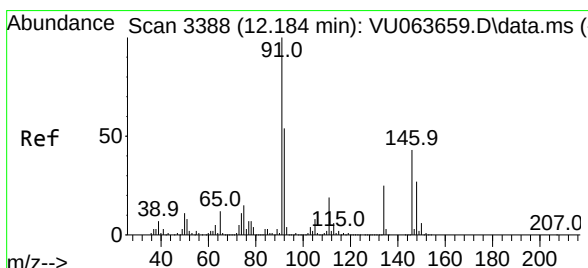
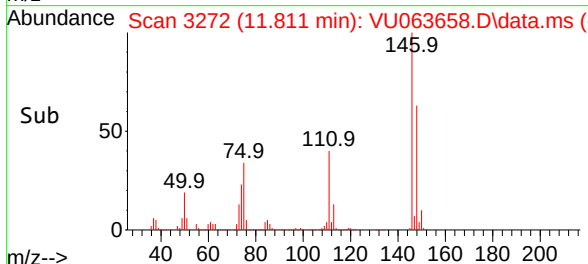
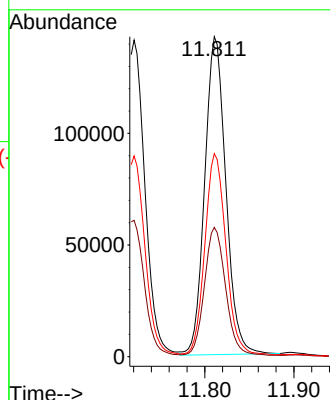
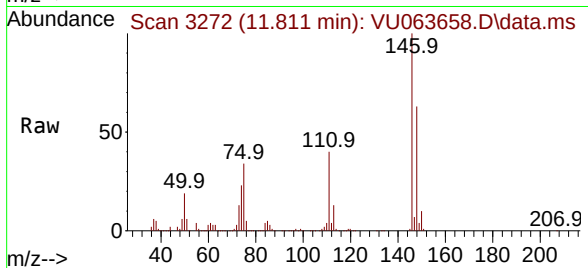
Tgt Ion:	146	Resp:	23440
Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.0	49.4
148	63.5	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#84

n-Butylbenzene

Concen: 5.486 ug/l

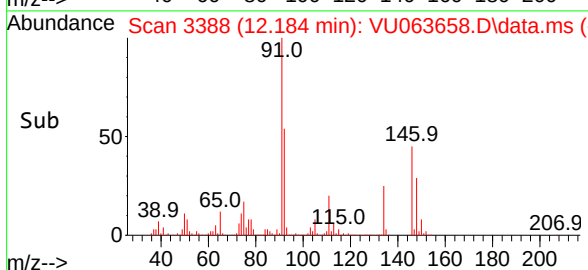
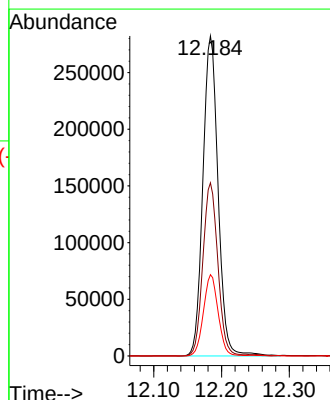
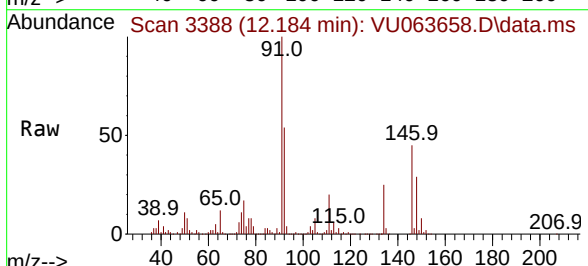
RT: 12.184 min Scan# 3388

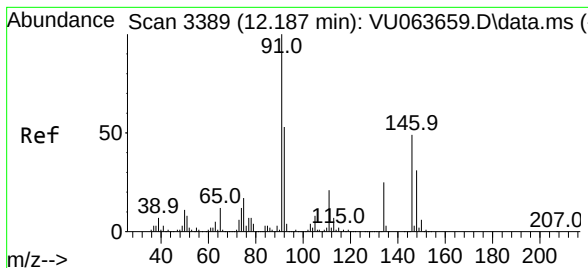
Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Tgt Ion:	91	Resp:	439267
Ion	Ratio	Lower	Upper
91	100		
92	53.1	43.1	64.7
134	24.5	19.7	29.5





#85

1,2-Dichlorobenzene

Concen: 5.172 ug/l

RT: 12.187 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 223300

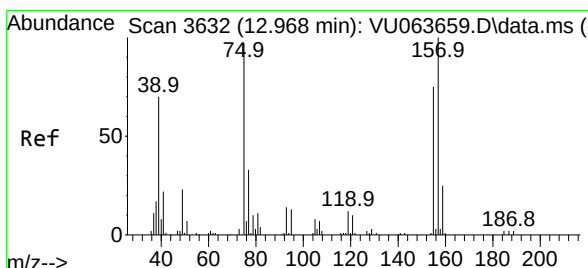
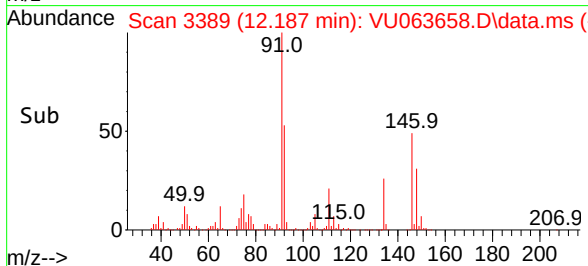
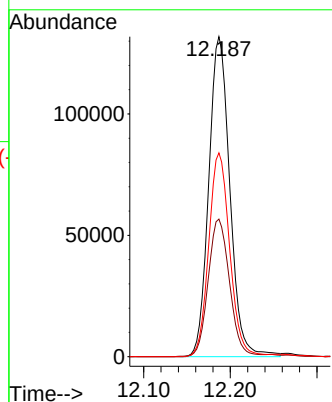
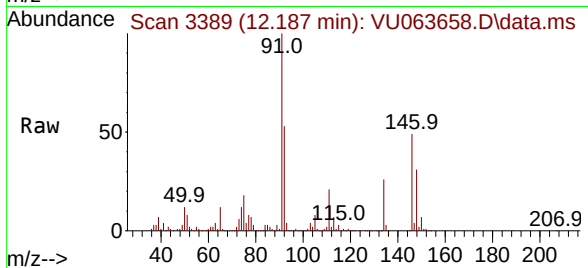
Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.2	66.6
148	63.2	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 6.402 ug/l

RT: 12.968 min Scan# 3632

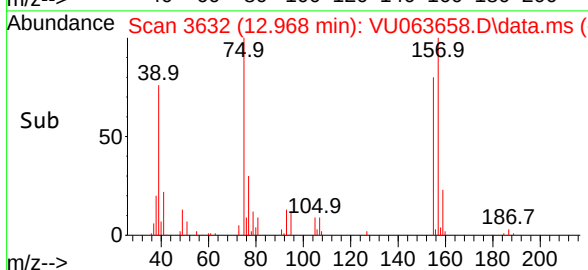
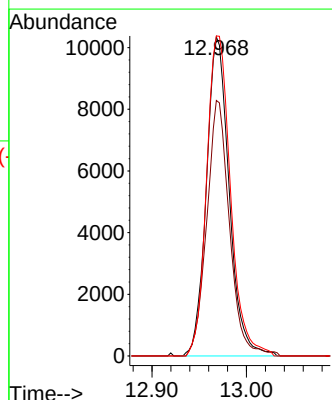
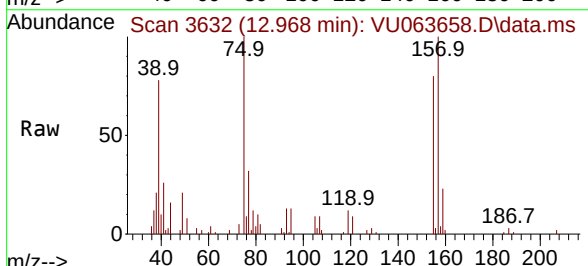
Delta R.T. -0.000 min

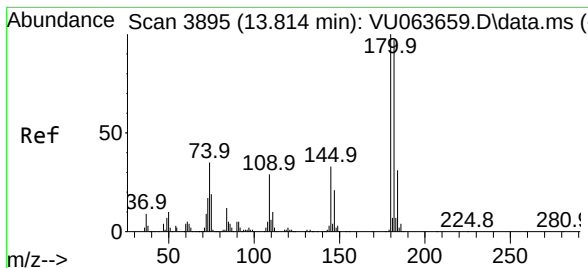
Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Tgt Ion: 75 Resp: 17312

Ion	Ratio	Lower	Upper
75	100		
155	80.0	62.2	93.4
157	105.5	81.3	121.9





#87

1,2,4-Trichlorobenzene

Concen: 5.168 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. -0.000 min

Lab File: VU063658.D

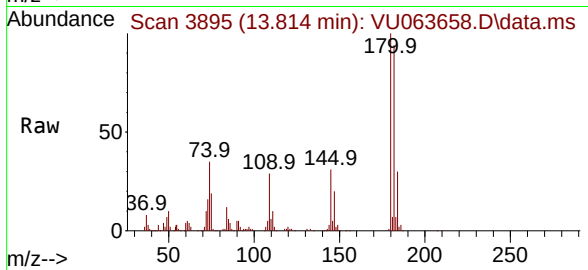
Acq: 31 Oct 2025 11:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005



Tgt Ion:180 Resp: 135974

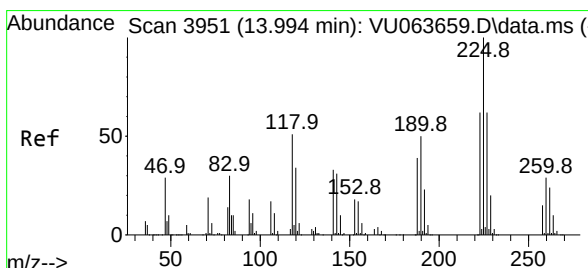
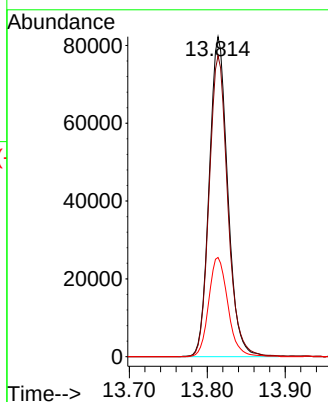
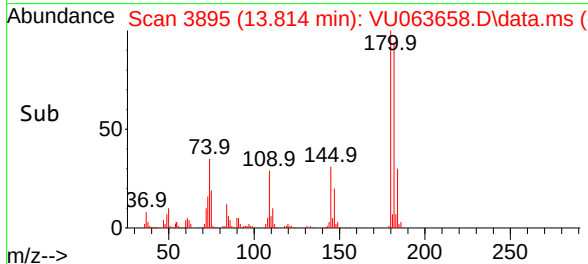
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	32.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#88

Hexachlorobutadiene

Concen: 5.019 ug/l

RT: 13.994 min Scan# 3951

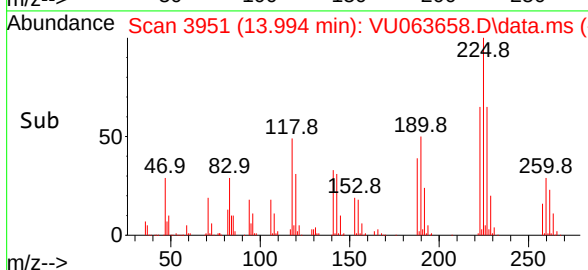
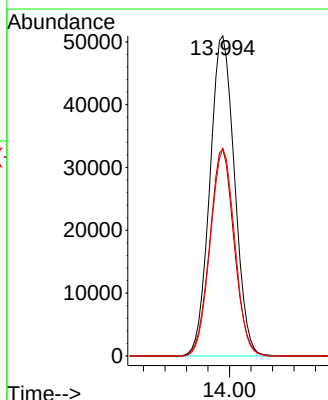
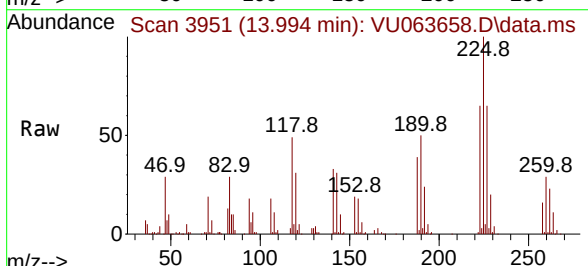
Delta R.T. -0.000 min

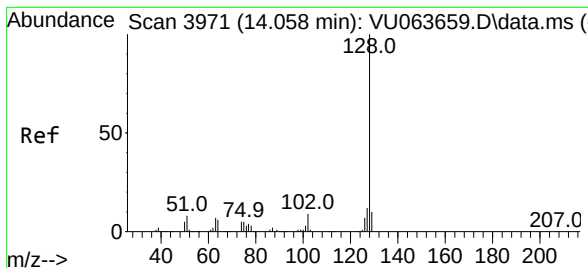
Lab File: VU063658.D

Acq: 31 Oct 2025 11:05

Tgt Ion:225 Resp: 81175

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.4
227	64.0	50.0	75.0





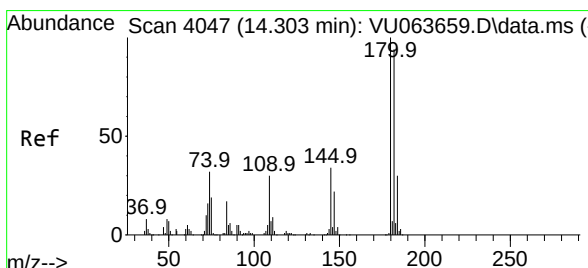
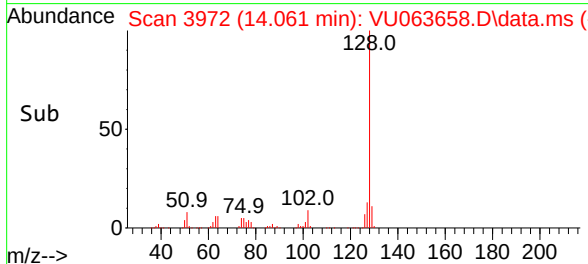
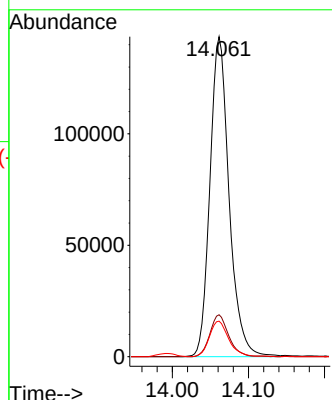
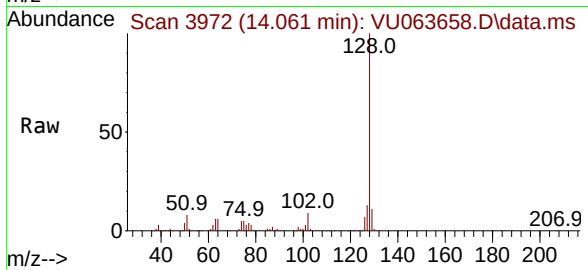
#89
Naphthalene
Concen: 5.289 ug/l
RT: 14.061 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 25132
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#90
1,2,3-Trichlorobenzene
Concen: 5.157 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063658.D
Acq: 31 Oct 2025 11:05

Tgt Ion:180 Resp: 128139
Ion Ratio Lower Upper
180 100
182 92.4 75.4 113.0
145 34.2 27.4 41.2

