

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063656.D
 Acq On : 31 Oct 2025 10:04
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 00:12:43 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	66318	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	26588	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	24387	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	21763	0.964	ug/l	99
3) Chloromethane	1.509	50	22267	1.021	ug/l	100
4) Vinyl Chloride	1.589	62	21642	0.920	ug/l	98
5) Bromomethane	1.833	94	14185	0.982	ug/l	94
6) Chloroethane	1.914	64	13973	0.930	ug/l	97
7) Trichlorofluoromethane	2.116	101	30947	0.900	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	17138	0.893	ug/l	98
9) 1,1-Dichloroethene	2.557	96	16278	0.930	ug/l	96
10) Iodomethane	2.695	142	19564	0.770	ug/l	94
11) Allyl Chloride	2.894	41	25638	0.892	ug/l	98
12) Acrylonitrile	3.284	53	7811	1.510	ug/l	# 90
13) Acetone	2.605	43	37319	4.849	ug/l	100
14) Carbon Disulfide	2.763	76	46374	1.201	ug/l	99
15) Methylene Chloride	3.013	84	21699	0.948	ug/l	97
16) trans-1,2-Dichloroethene	3.319	96	18253	0.969	ug/l	99
17) 1,1-Dichloroethane	3.830	63	35341	0.841	ug/l	99
18) 2-Butanone	4.692	43	37621	4.390	ug/l	97
19) Cyclohexane	5.341	56	27135	0.811	ug/l	97
20) Methylcyclohexane	6.727	83	34235	1.064	ug/l	96
21) 2,2-Dichloropropane	4.624	77	30878	0.963	ug/l	100
22) cis-1,2-Dichloroethene	4.634	96	20099	0.882	ug/l	99
23) Diethyl Ether	2.357	59	13042	0.845	ug/l	96
24) tert-Butyl Alcohol	3.171	59	23179	10.883	ug/l	95
25) Methyl tert-Butyl Ether	3.341	73	47756	0.914	ug/l	92
26) Bromochloromethane	4.939	128	8792	0.950	ug/l	98
27) Chloroform	5.052	83	36040	0.856	ug/l	97
28) 1,1,1-Trichloroethane	5.277	97	32142	0.971	ug/l	99
29) 1,1-Dichloropropene	5.486	75	26434	0.866	ug/l	96
30) Carbon Tetrachloride	5.483	117	24075	0.975	ug/l	99
31) Isopropyl Ether	3.972	45	54899	0.785	ug/l	97
32) Ethyl-t-butyl ether	4.483	59	56166	0.922	ug/l	100
33) Tert-Amyl methyl ether	5.923	73	48063	0.920	ug/l	99
34) Propionitrile	4.753	54	8000	4.093	ug/l	# 91
35) Benzene	5.737	78	74881	0.862	ug/l	95
36) 1,2-Dichloroethane	5.763	62	23805	0.814	ug/l	# 92
37) Trichloroethene	6.512	130	22575	1.028	ug/l	93
38) 1,2-Dichloropropane	6.762	63	20309	0.886	ug/l	96
39) Methacrylonitrile	4.955	41	8414m	0.913	ug/l	
40) Methyl acrylate	4.833	55	12468m	0.986	ug/l	
41) Tetrahydrofuran	5.042	42	7389	1.543	ug/l	95
42) 1-Chlorobutane	5.422	56	33574	0.789	ug/l	97
43) Dibromomethane	6.891	93	11257	0.992	ug/l	99
44) Bromodichloromethane	7.081	83	26071	1.058	ug/l	98

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 ALS Vial : 4 Sample Multiplier: 1

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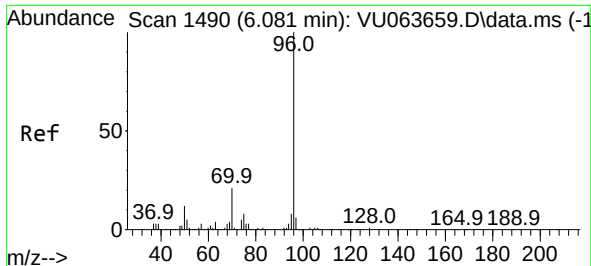
Manual Integrations
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Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Nov 03 00:12:43 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

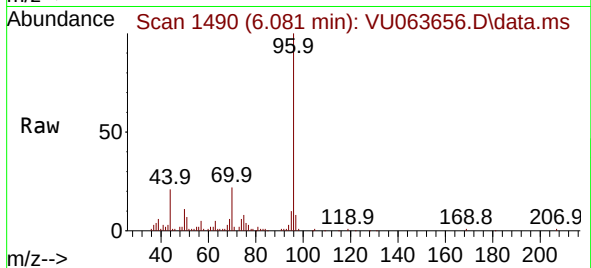
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	67542	4.794	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	7493m	1.448	ug/l	
47) Methyl methacrylate	6.949	69	19634	1.915	ug/l	94
48) Ethyl methacrylate	8.319	69	20413	1.058	ug/l	100
49) Toluene	7.942	92	51950	1.065	ug/l	99
50) t-1,3-Dichloropropene	8.190	75	22926	1.204	ug/l	100
51) cis-1,3-Dichloropropene	7.582	75	29325	1.177	ug/l	99
52) 1,1,2-Trichloroethane	8.380	97	14861	0.937	ug/l	93
53) 1,3-Dichloropropane	8.553	76	26752	0.967	ug/l	99
54) 2-Hexanone	8.672	43	55754	5.244	ug/l	100
55) Dibromochloromethane	8.785	129	17016	1.068	ug/l	98
56) 1,2-Dibromoethane	8.897	107	13999	1.006	ug/l	98
58) Tetrachloroethene	8.528	164	21302	0.973	ug/l	95
59) Chlorobenzene	9.425	112	55288	0.997	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.508	131	20110	1.101	ug/l	94
61) Pentachloroethane	11.402	117	14120	1.085	ug/l	95
62) Hexachloroethane	12.447	117	14139	1.183	ug/l	97
63) Ethyl Benzene	9.547	91	98934	1.037	ug/l	99
64) m/p-Xylenes	9.669	106	74132	2.028	ug/l	98
65) o-Xylene	10.074	106	35493	0.972	ug/l	96
66) Styrene	10.094	104	57244	0.982	ug/l	98
67) Bromoform	10.267	173	9456	1.180	ug/l	99
69) Isopropylbenzene	10.460	105	88699	0.999	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.759	83	18757	0.931	ug/l	99
71) 1,2,3-Trichloropropane	10.801	75	19110m	1.230	ug/l	
72) Bromobenzene	10.759	156	21809	0.956	ug/l	99
73) n-propylbenzene	10.881	120	25499	1.001	ug/l	93
74) 2-Chlorotoluene	10.962	126	21936	0.958	ug/l	97
75) 1,3,5-Trimethylbenzene	11.065	105	82047	0.993	ug/l	99
76) 4-Chlorotoluene	11.074	126	21840	0.913	ug/l	97
77) tert-Butylbenzene	11.396	119	81334	1.014	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	75498	0.940	ug/l	97
79) sec-Butylbenzene	11.618	105	104262	0.964	ug/l	99
80) Nitrobenzene	13.200	77	3864m	11.484	ug/l	
81) p-Isopropyltoluene	11.769	119	83889	0.964	ug/l	99
82) 1,3-Dichlorobenzene	11.724	146	40986	0.900	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	41518	0.888	ug/l	98
84) n-Butylbenzene	12.183	91	74328	0.914	ug/l	98
85) 1,2-Dichlorobenzene	12.190	146	38713	0.883	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	2813	1.024	ug/l	92
87) 1,2,4-Trichlorobenzene	13.817	180	22717	0.850	ug/l	99
88) Hexachlorobutadiene	13.994	225	13731	0.836	ug/l	95
89) Naphthalene	14.068	128	43406	0.899	ug/l	98
90) 1,2,3-Trichlorobenzene	14.306	180	20495	0.812	ug/l	97

(#) = 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: VU063656.D
Acq: 31 Oct 2025 10:04

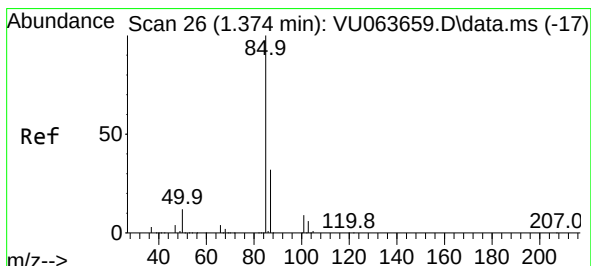
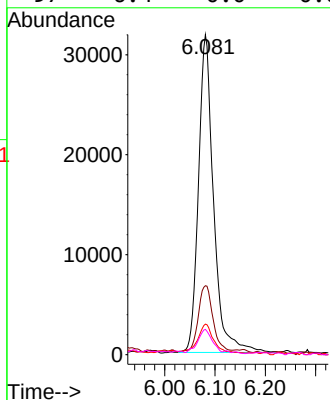
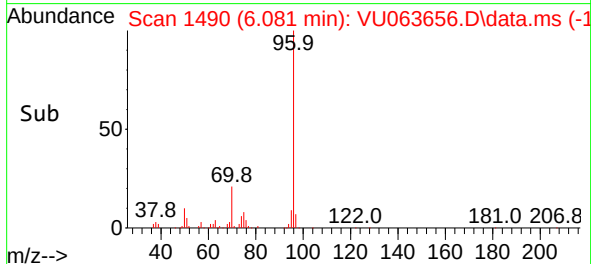
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 66318
Ion Ratio Lower Upper
96 100
70 19.2 15.3 22.9
95 8.5 6.5 9.7
97 6.4 0.0 0.0#

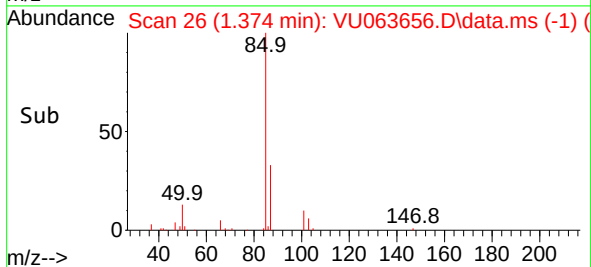
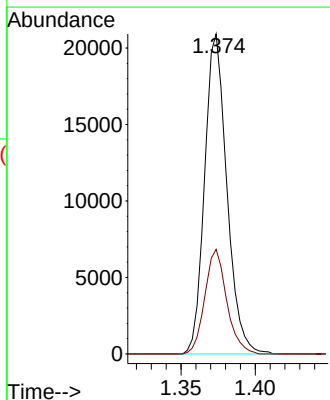
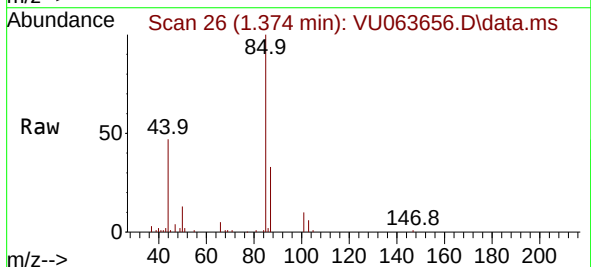
Manual Integrations
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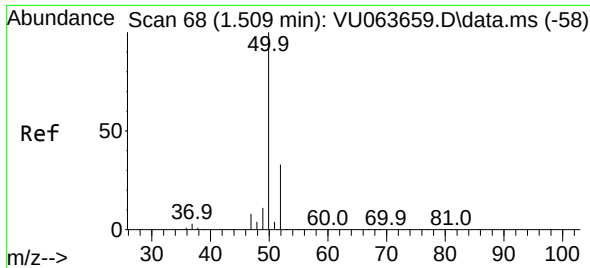
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#2
Dichlorodifluoromethane
Concen: 0.964 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

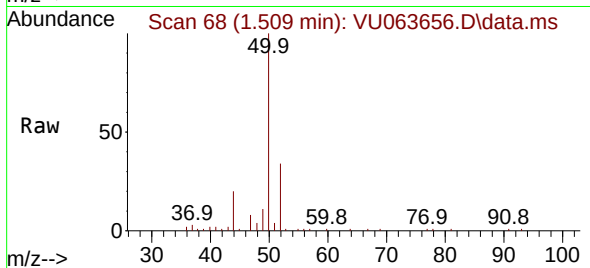
Tgt Ion: 85 Resp: 21763
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9





#3
Chloromethane
Concen: 1.021 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

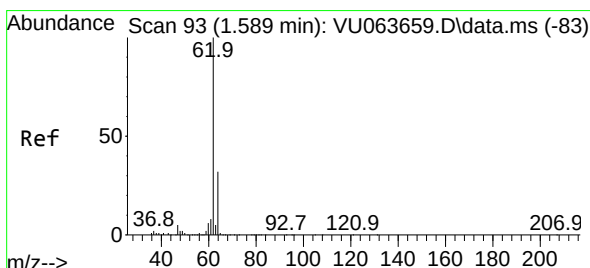
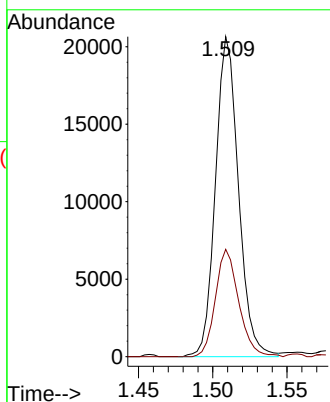
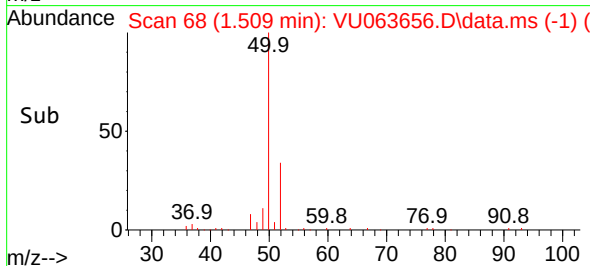
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 2226
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

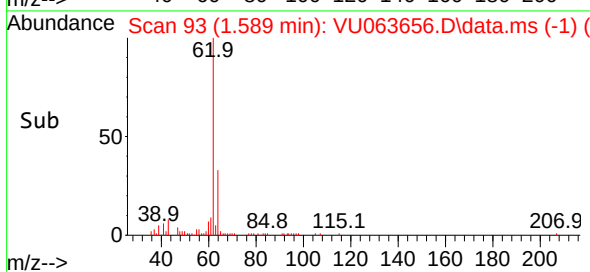
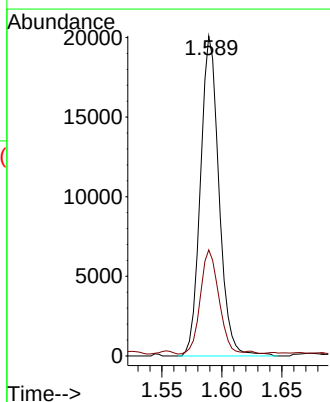
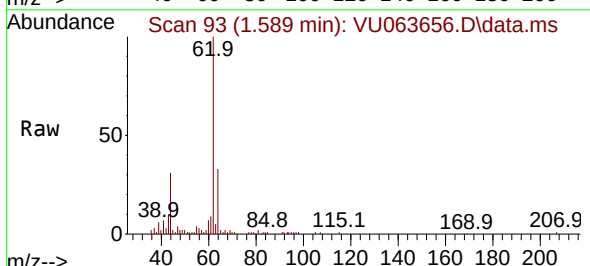
Manual Integrations
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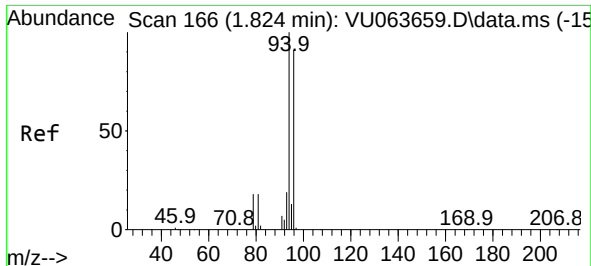
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#4
Vinyl Chloride
Concen: 0.920 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

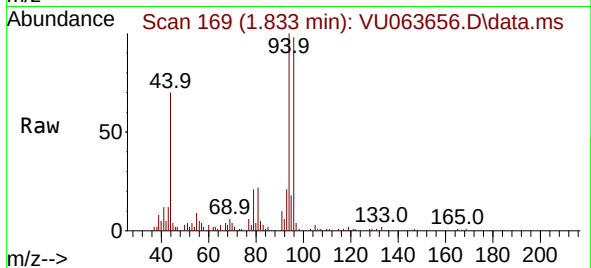
Tgt Ion: 62 Resp: 21642
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5
Bromomethane
Concen: 0.982 ug/l
RT: 1.833 min Scan# 10
Delta R.T. 0.009 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

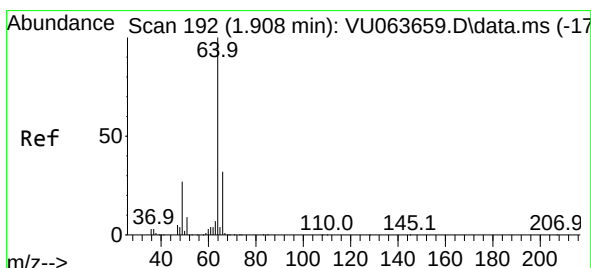
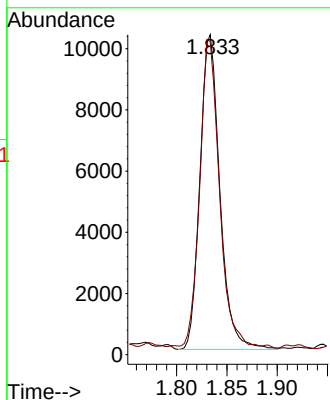
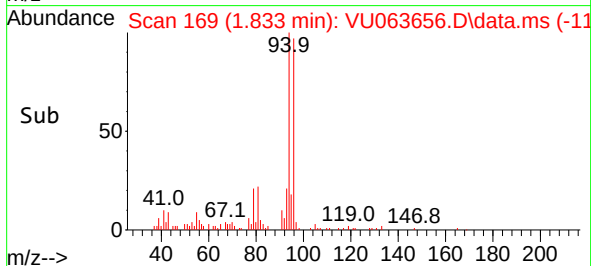
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



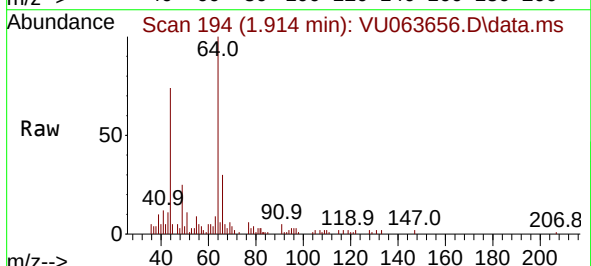
Tgt Ion: 94 Resp: 1418
Ion Ratio Lower Upper
94 100
96 97.4 73.0 109.6

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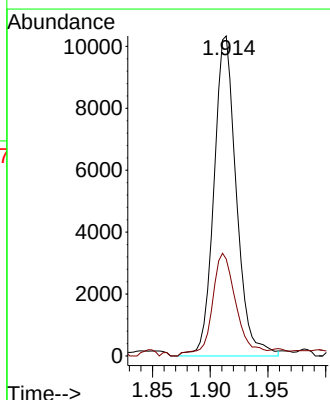
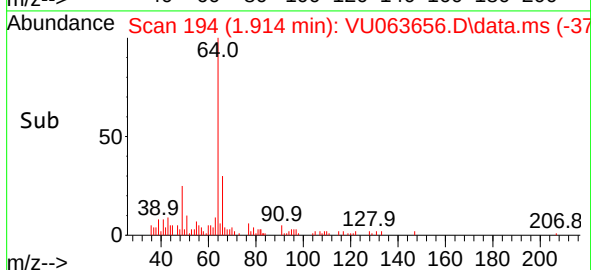
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

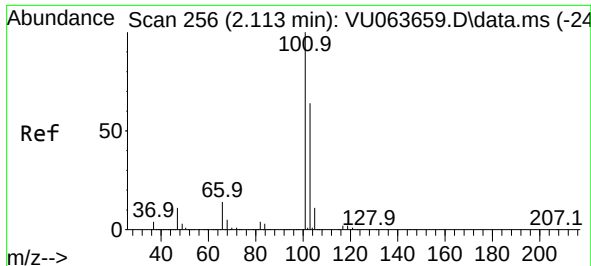


#6
Chloroethane
Concen: 0.930 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



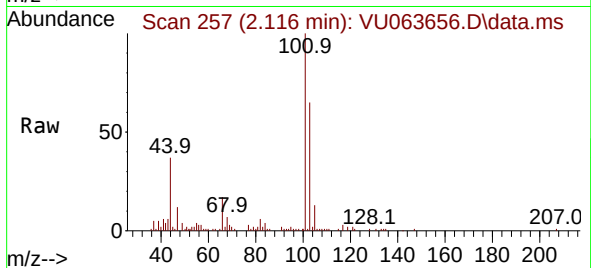
Tgt Ion: 64 Resp: 13973
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 0.900 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

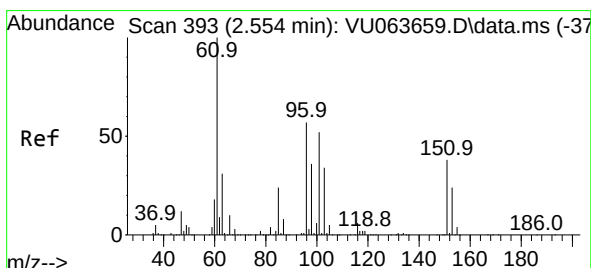
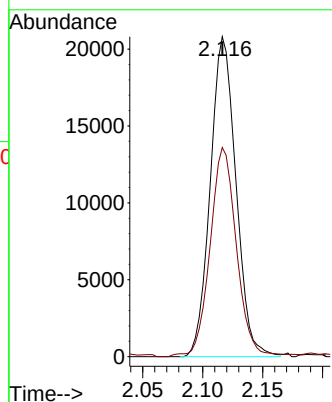
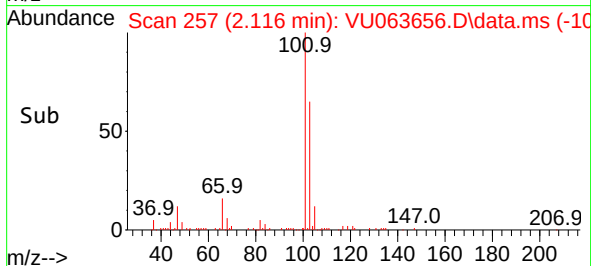
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001



Tgt Ion:101 Resp: 3094
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6

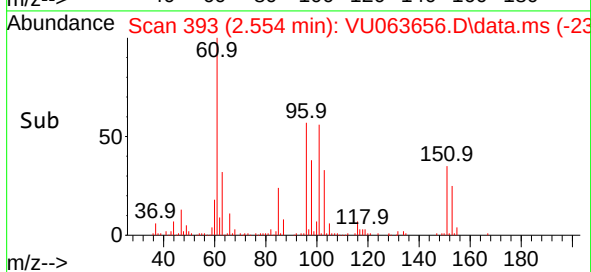
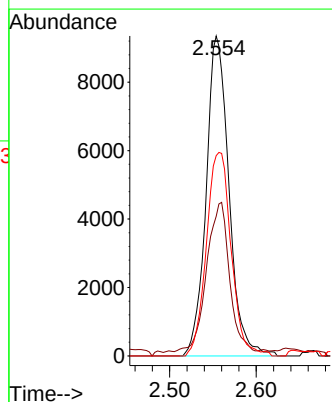
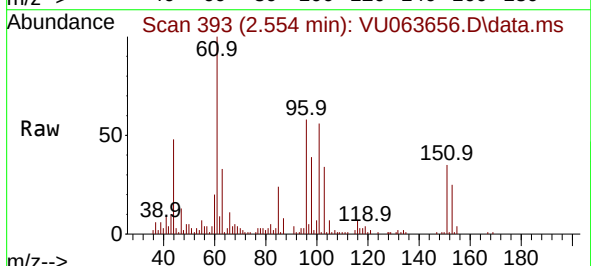
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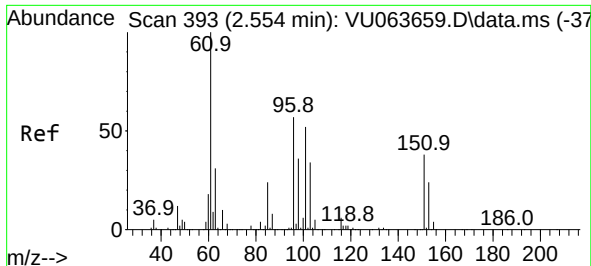
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.893 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

Tgt Ion:101 Resp: 17138
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.4
 151 69.1 57.2 85.8





#9

1,1-Dichloroethene

Concen: 0.930 ug/l

RT: 2.557 min Scan# 393

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

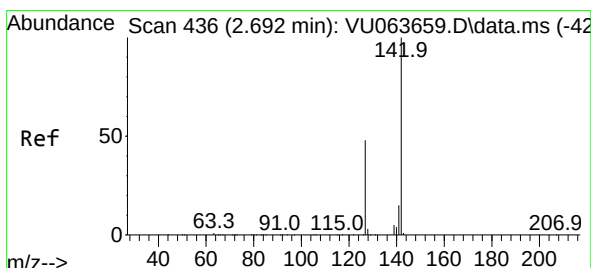
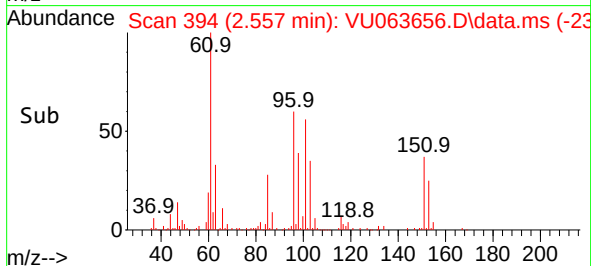
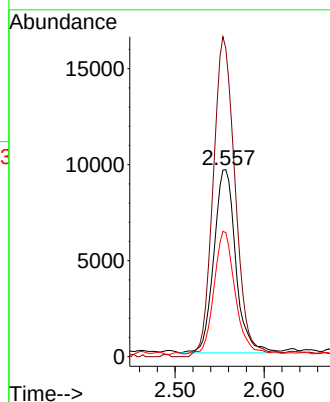
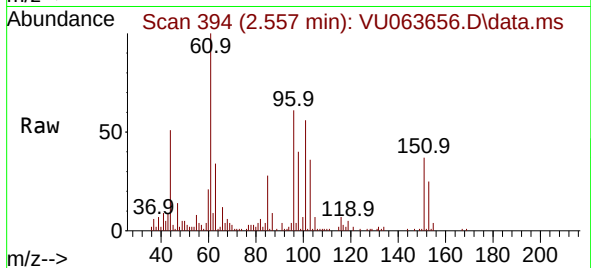
Tgt Ion:	96	Resp:	16278
Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	524.7
98	65.8	0.0	126.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/03/2025



#10

Iodomethane

Concen: 0.770 ug/l

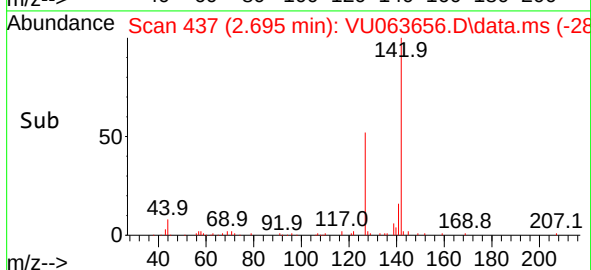
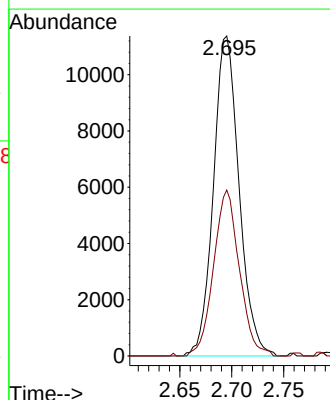
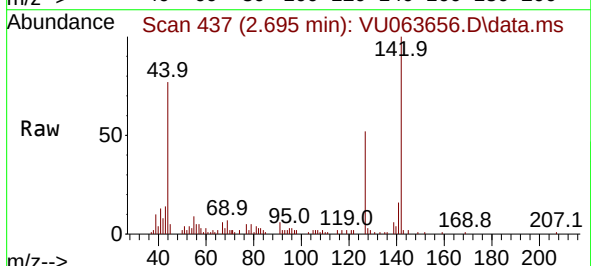
RT: 2.695 min Scan# 437

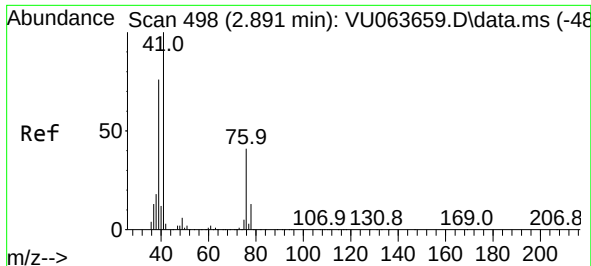
Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

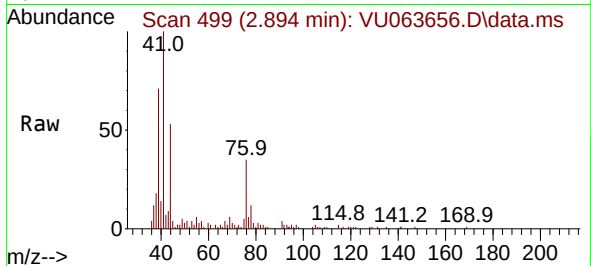
Tgt Ion:	142	Resp:	19564
Ion	Ratio	Lower	Upper
142	100		
127	52.1	38.6	58.0





#11
 Allyl Chloride
 Concen: 0.892 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

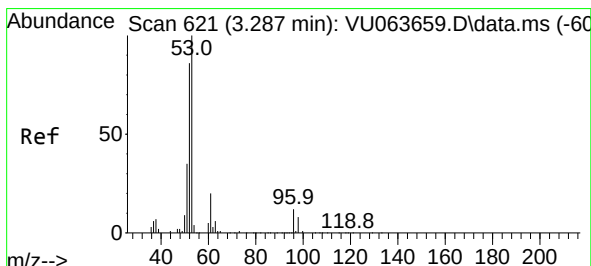
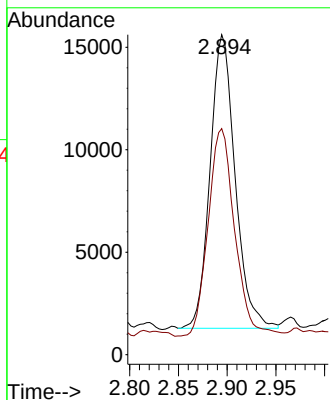
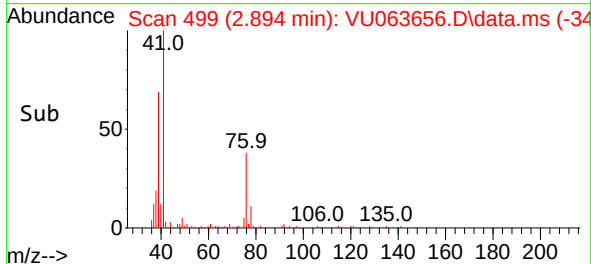
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



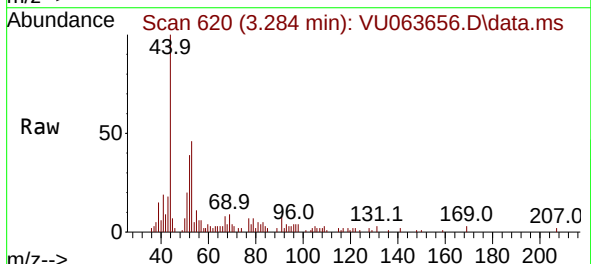
Tgt Ion: 41 Resp: 25638
 Ion Ratio Lower Upper
 41 100
 39 74.9 61.0 91.4

Manual Integrations
 APPROVED

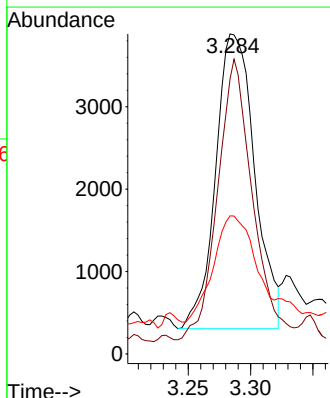
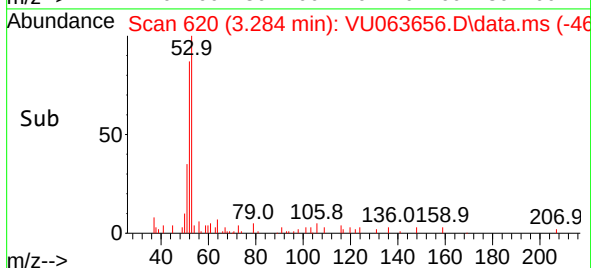
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

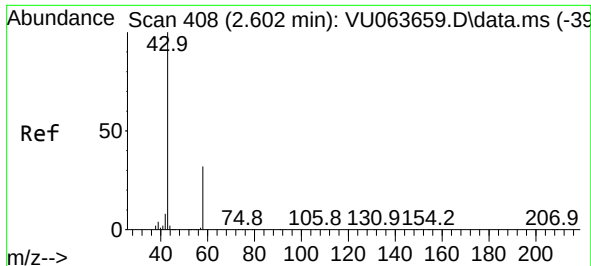


#12
 Acrylonitrile
 Concen: 1.510 ug/l
 RT: 3.284 min Scan# 620
 Delta R.T. -0.003 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04



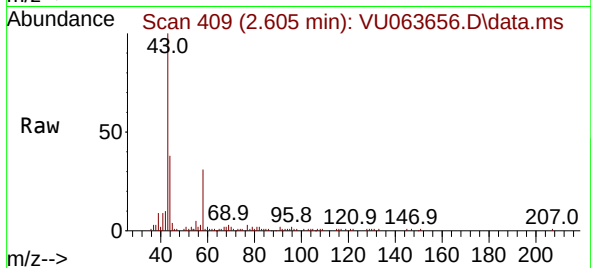
Tgt Ion: 53 Resp: 7811
 Ion Ratio Lower Upper
 53 100
 52 85.2 65.4 98.0
 51 48.0 27.6 41.4





#13
Acetone
Concen: 4.849 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

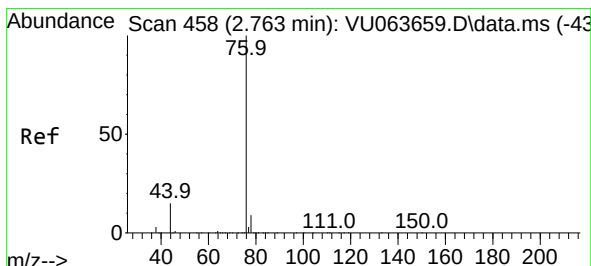
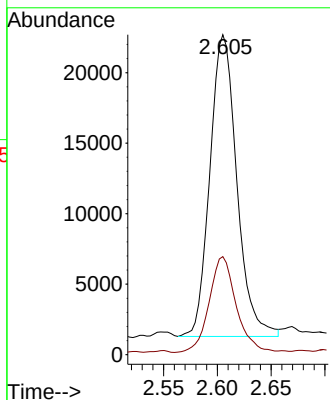
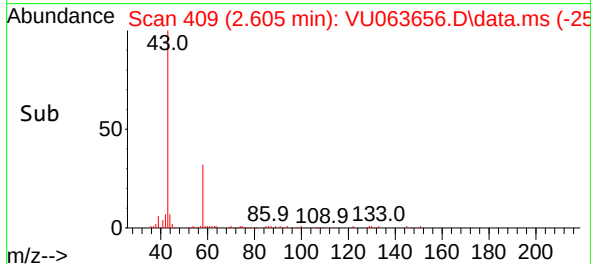
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 37319
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8

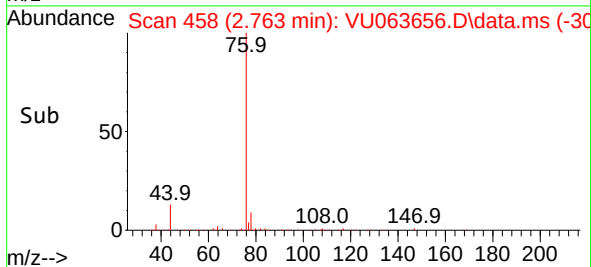
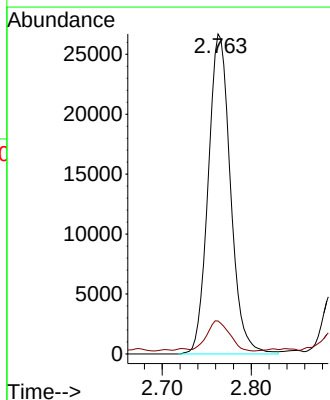
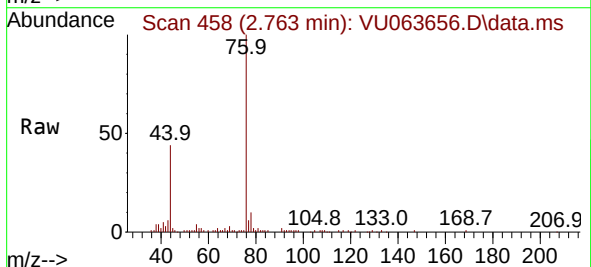
Manual Integrations
APPROVED

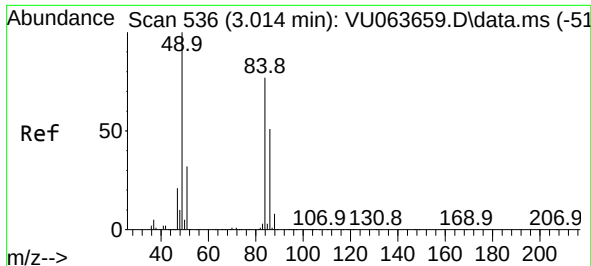
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#14
Carbon Disulfide
Concen: 1.201 ug/l
RT: 2.763 min Scan# 458
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

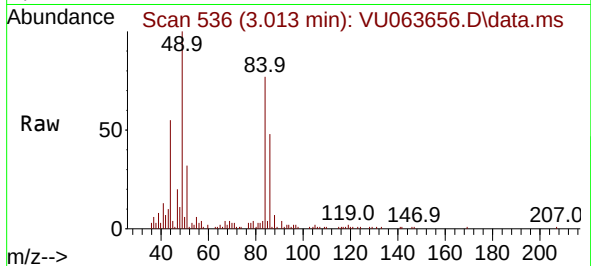
Tgt Ion: 76 Resp: 46374
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#15
Methylene Chloride
Concen: 0.948 ug/l
RT: 3.013 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

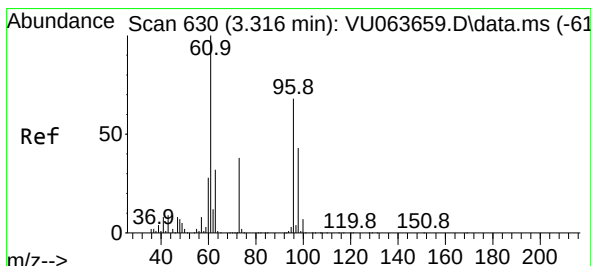
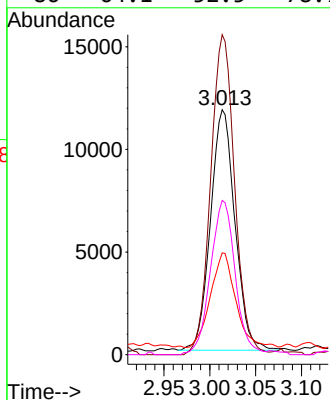
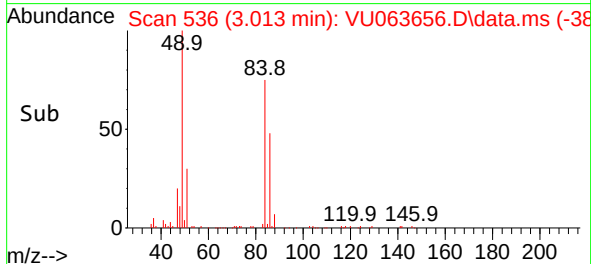
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	2169
Ion	Ratio	Lower	Upper
84	100		
49	133.1	103.4	155.0
51	39.1	0.0	81.6
86	64.1	52.5	78.7

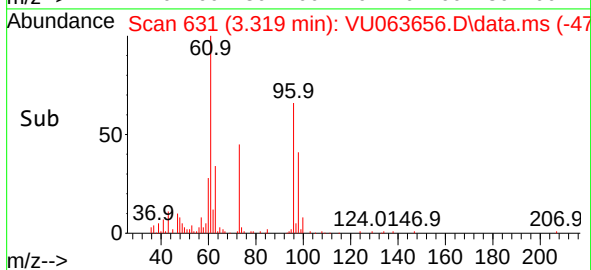
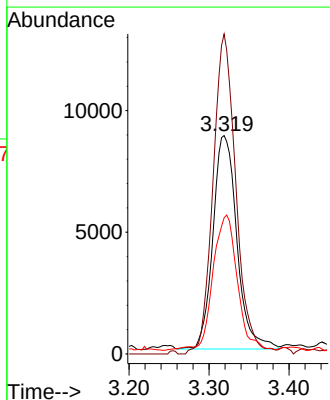
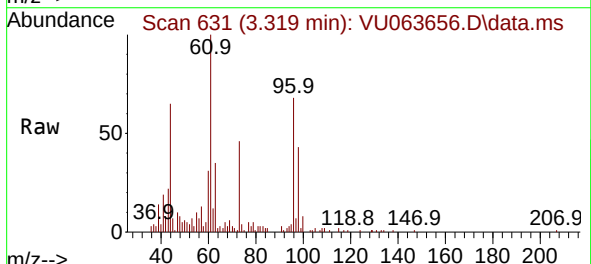
Manual Integrations
APPROVED

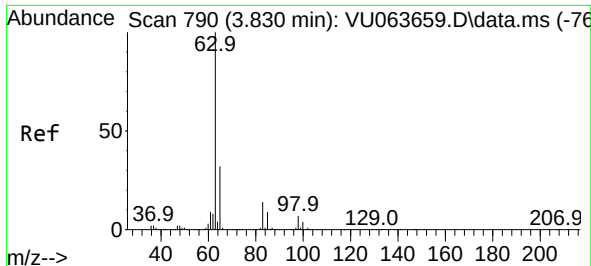
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#16
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:	96	Resp:	18253
Ion	Ratio	Lower	Upper
96	100		
61	148.8	117.4	176.2
98	61.5	49.9	74.9





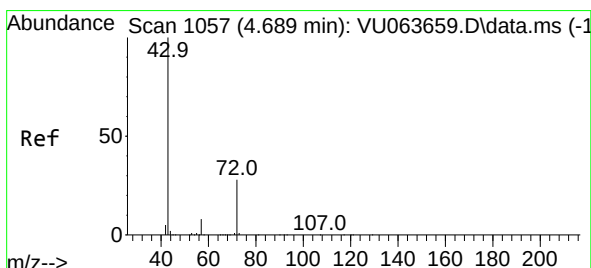
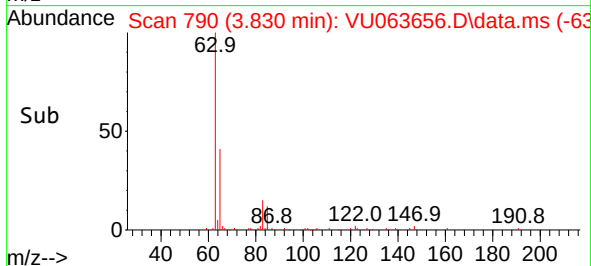
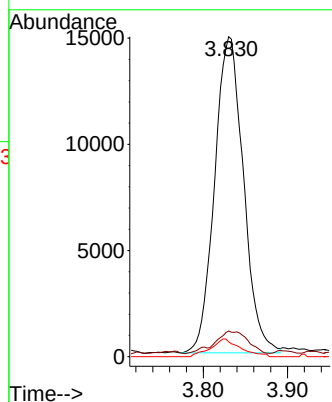
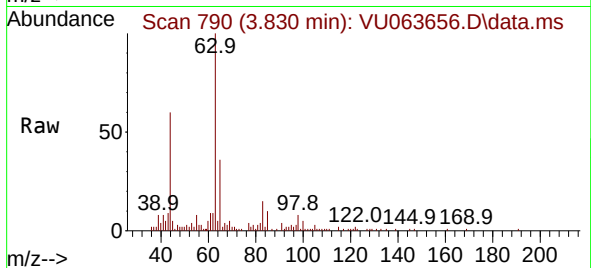
#17
1,1-Dichloroethane
Concen: 0.841 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 3534
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.7 2.2 6.6

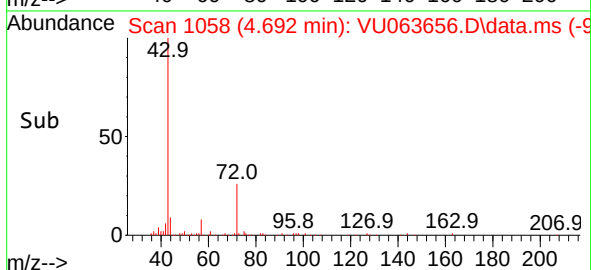
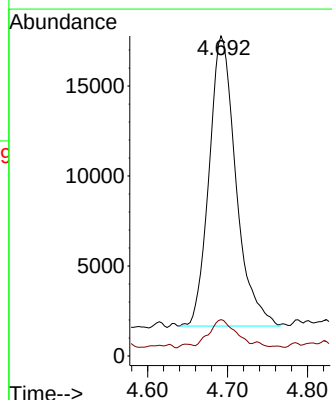
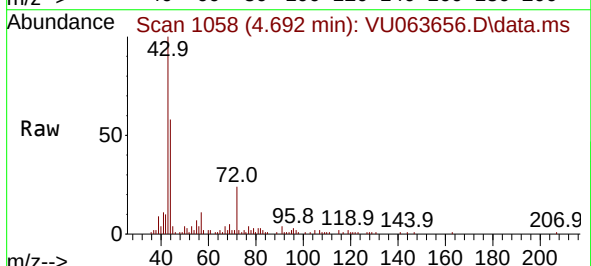
Manual Integrations
APPROVED

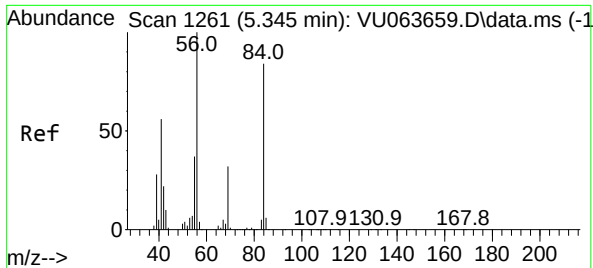
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#18
2-Butanone
Concen: 4.390 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

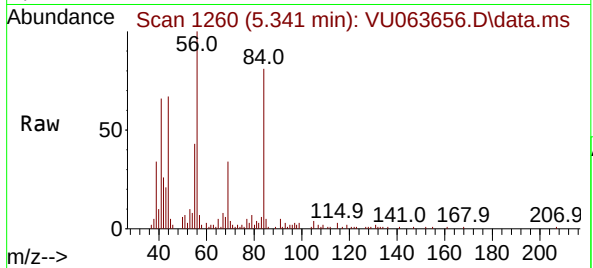
Tgt Ion: 43 Resp: 37621
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19
Cyclohexane
Concen: 0.811 ug/l
RT: 5.341 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

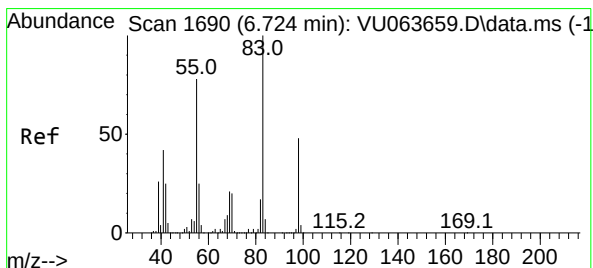
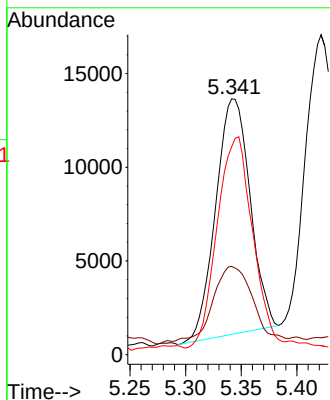
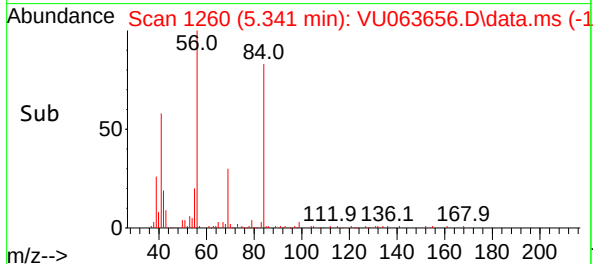
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 56 Resp: 27135
Ion Ratio Lower Upper
56 100
69 35.6 27.1 40.7
84 88.8 73.4 110.0

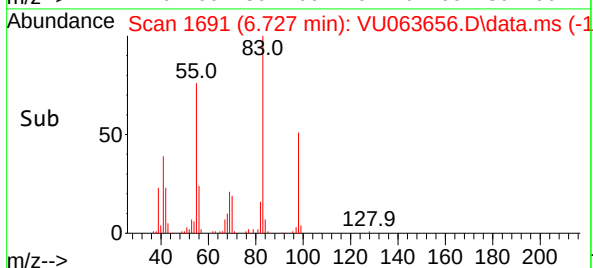
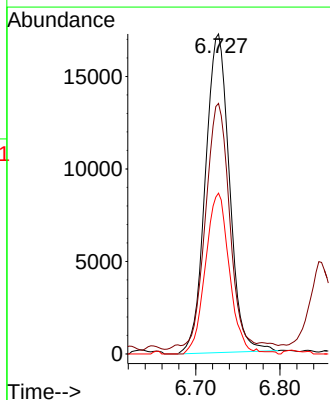
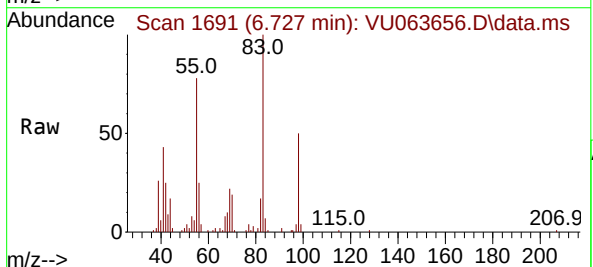
Manual Integrations
APPROVED

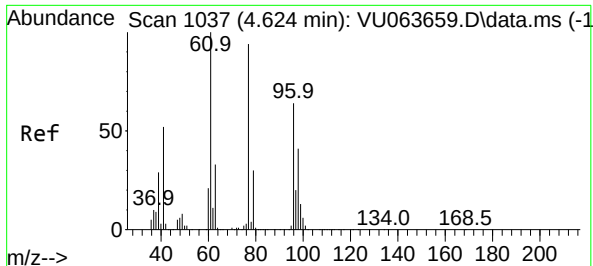
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#20
Methylcyclohexane
Concen: 1.064 ug/l
RT: 6.727 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 83 Resp: 34235
Ion Ratio Lower Upper
83 100
55 74.3 61.5 92.3
98 50.4 37.9 56.9





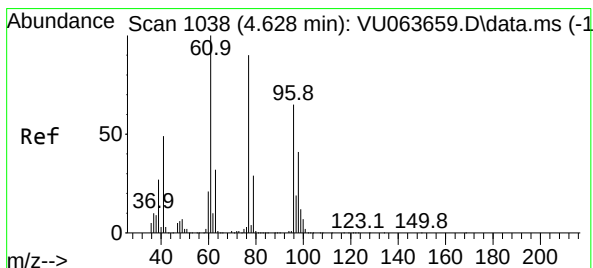
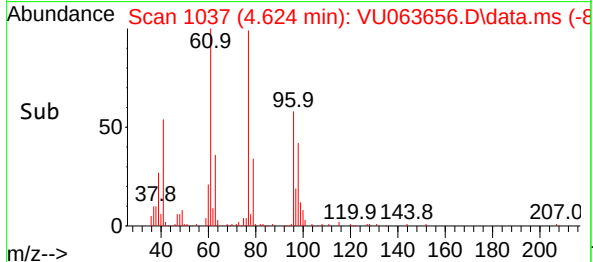
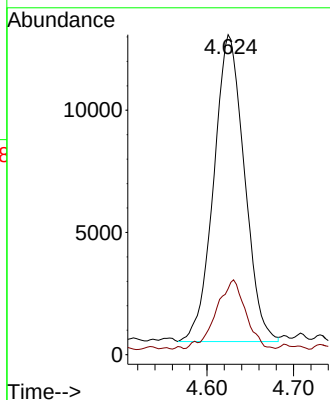
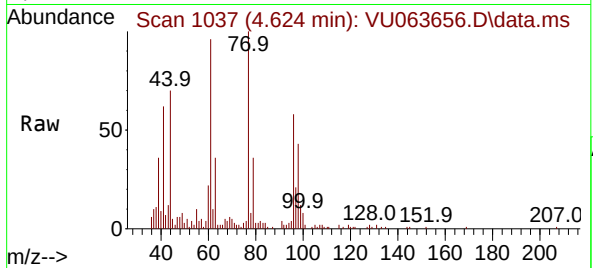
#21
2,2-Dichloropropane
Concen: 0.963 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 77 Resp: 30878
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

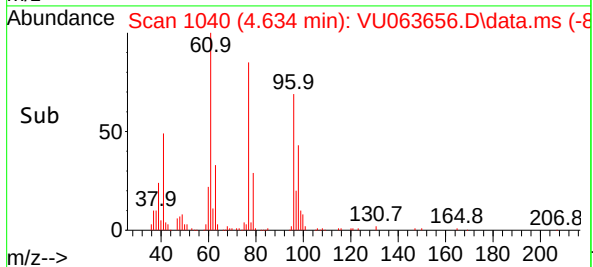
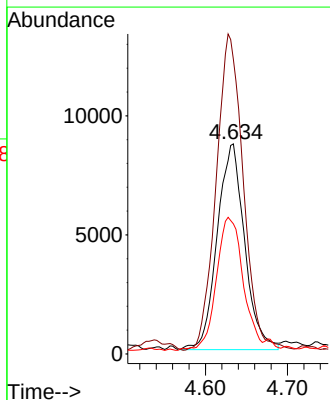
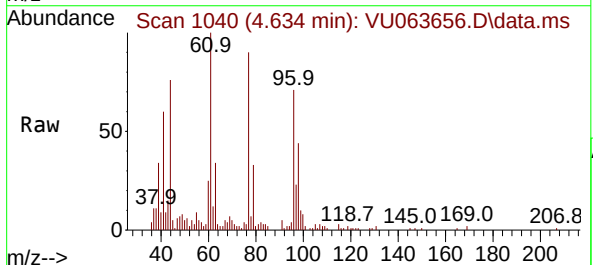
Manual Integrations
APPROVED

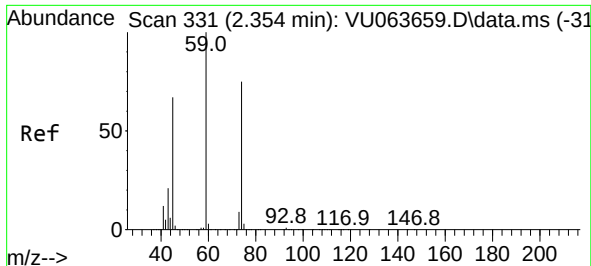
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#22
cis-1,2-Dichloroethene
Concen: 0.882 ug/l
RT: 4.634 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 96 Resp: 20099
Ion Ratio Lower Upper
96 100
61 151.5 0.0 385.0
98 62.7 31.3 93.9





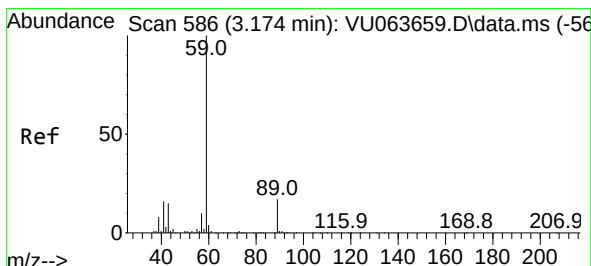
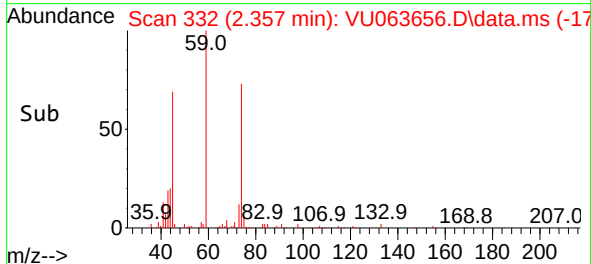
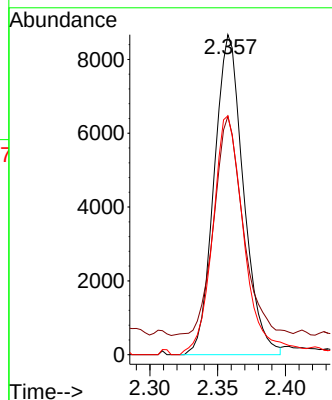
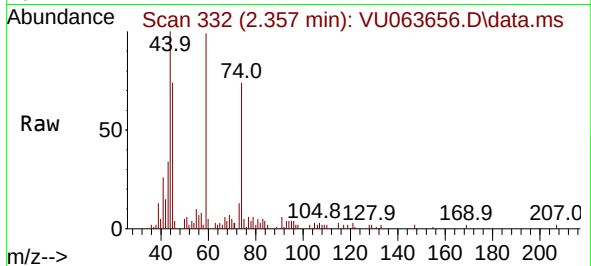
#23
Diethyl Ether
Concen: 0.845 ug/l
RT: 2.357 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1304
Ion Ratio Lower Upper
59 100
45 66.1 52.6 78.8
74 80.1 59.4 89.2

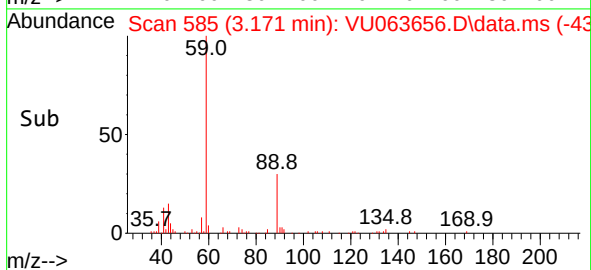
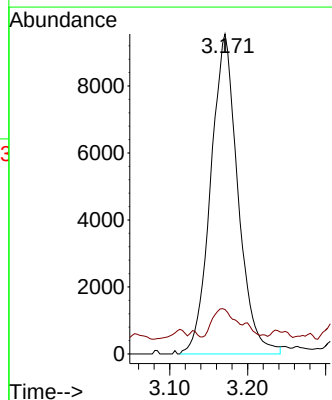
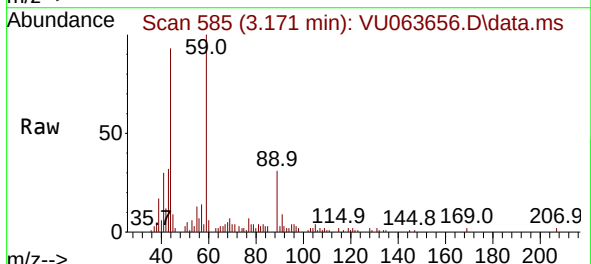
Manual Integrations
APPROVED

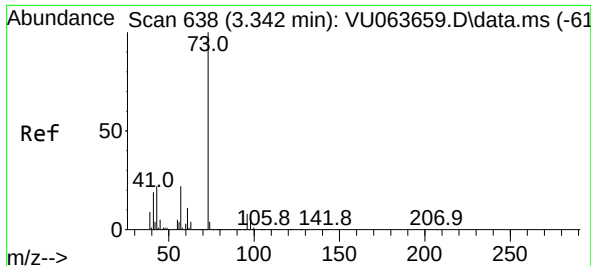
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#24
tert-Butyl Alcohol
Concen: 10.883 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

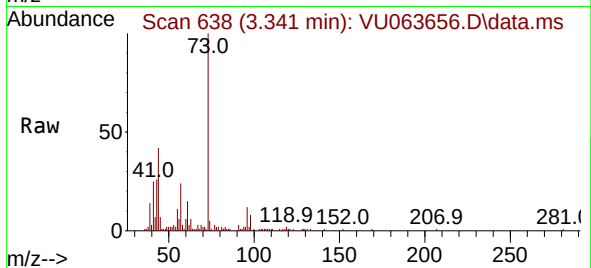
Tgt Ion: 59 Resp: 23179
Ion Ratio Lower Upper
59 100
57 7.2 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 0.914 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

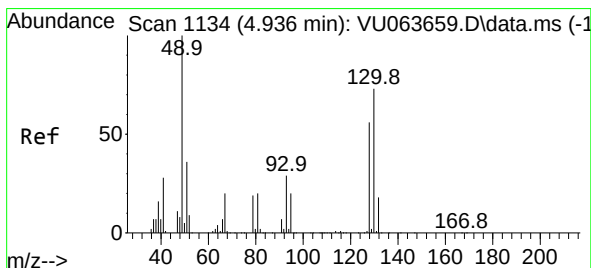
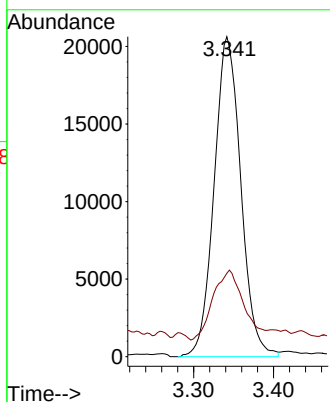
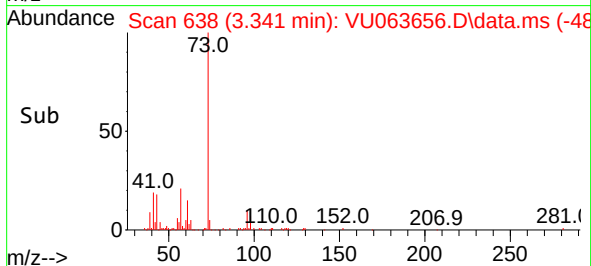
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 73 Resp: 47750
Ion Ratio Lower Upper
73 100
43 25.3 17.4 26.0

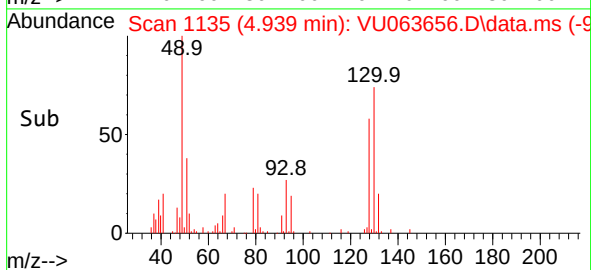
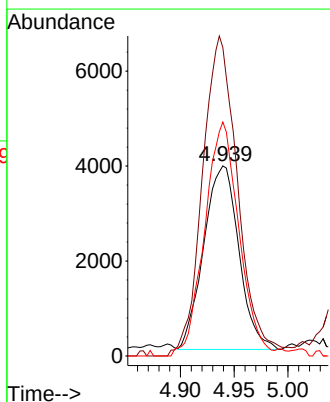
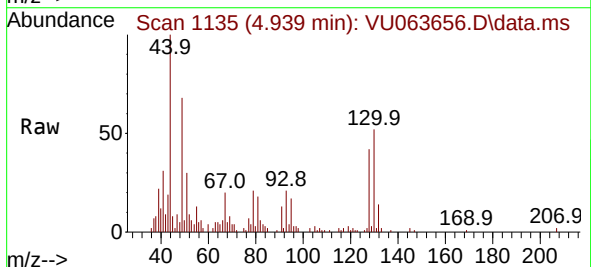
Manual Integrations
APPROVED

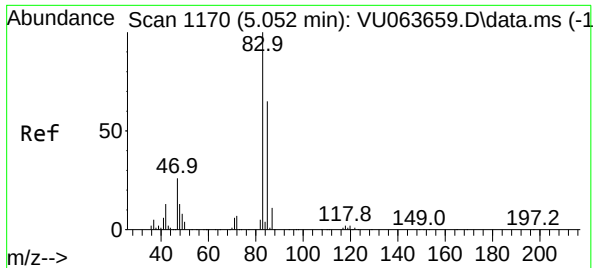
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#26
Bromochloromethane
Concen: 0.950 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

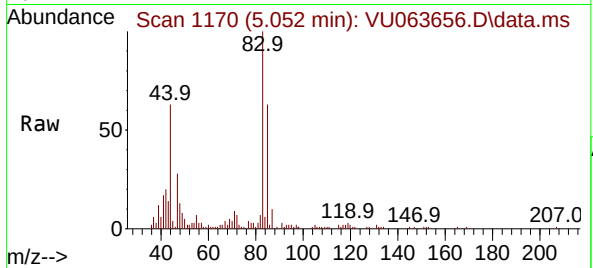
Tgt Ion:128 Resp: 8792
Ion Ratio Lower Upper
128 100
49 175.4 0.0 349.6
130 124.5 102.7 154.1





#27
Chloroform
Concen: 0.856 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

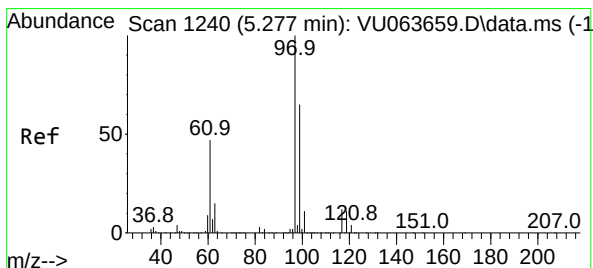
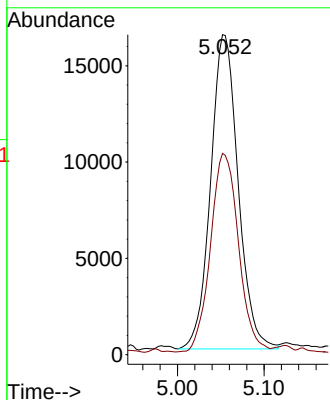
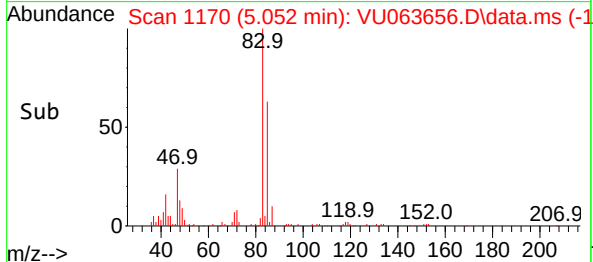
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 83 Resp: 36040
Ion Ratio Lower Upper
83 100
85 63.1 0.0 130.8

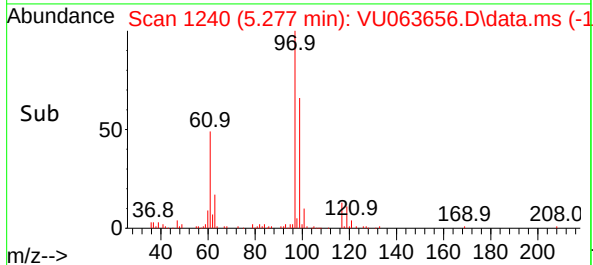
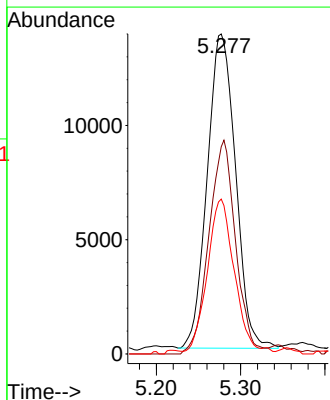
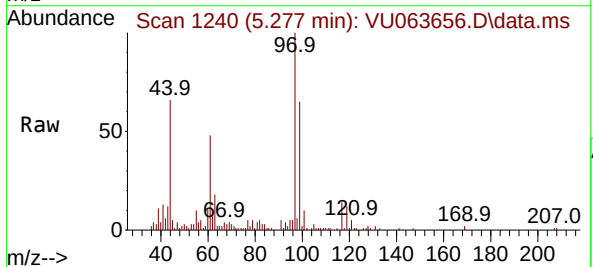
Manual Integrations
APPROVED

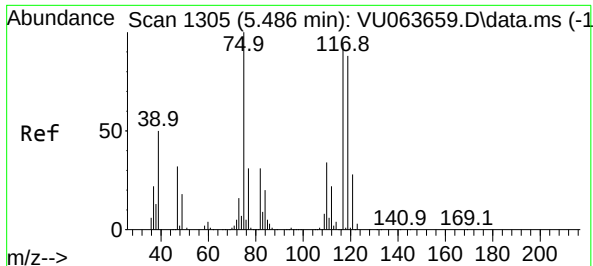
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#28
1,1,1-Trichloroethane
Concen: 0.971 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 97 Resp: 32142
Ion Ratio Lower Upper
97 100
99 64.1 32.3 96.8
61 45.1 23.3 69.8





#29

1,1-Dichloropropene

Concen: 0.866 ug/l

RT: 5.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

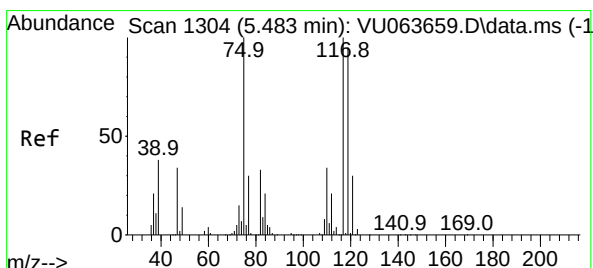
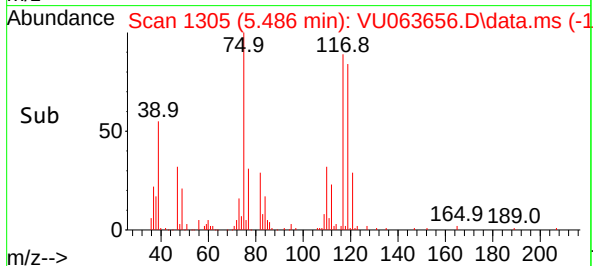
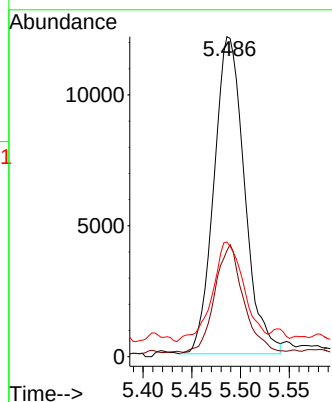
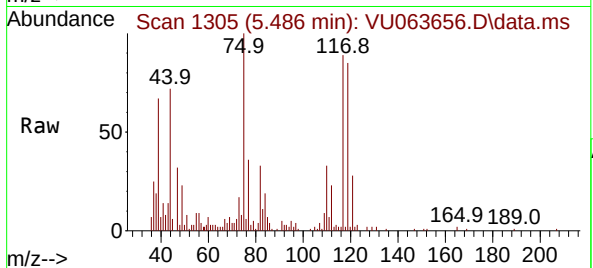
Tgt Ion:	75	Resp:	26434
Ion Ratio	Lower	Upper	
75	100		
110	31.8	17.2	51.5
77	32.4	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#30

Carbon Tetrachloride

Concen: 0.975 ug/l

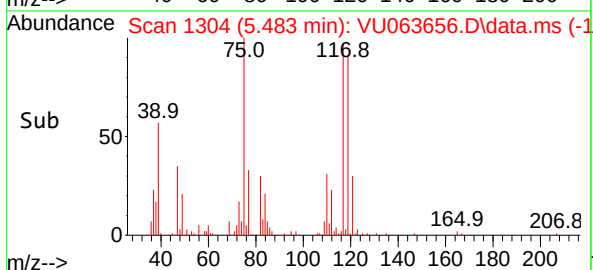
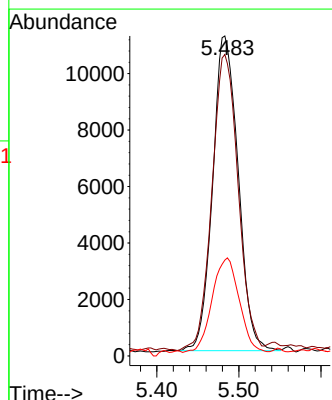
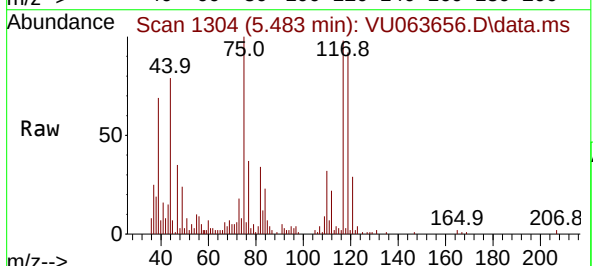
RT: 5.483 min Scan# 1304

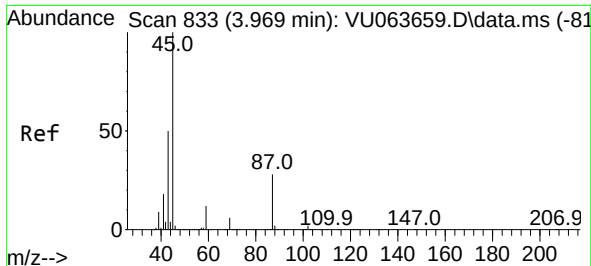
Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Tgt Ion:	117	Resp:	24075
Ion Ratio	Lower	Upper	
117	100		
119	93.8	75.7	113.5
121	28.9	23.8	35.6





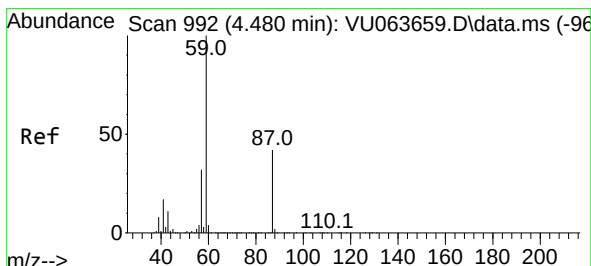
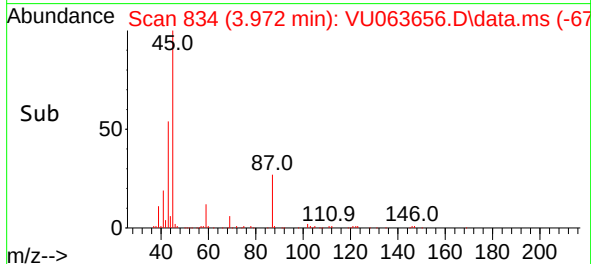
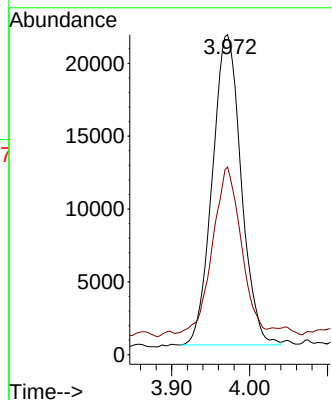
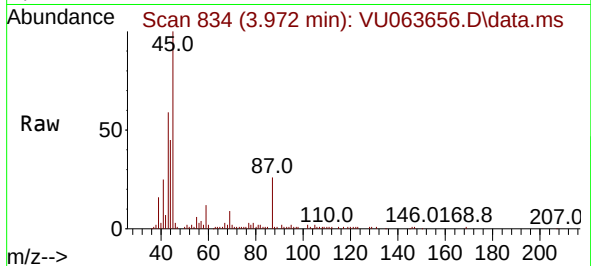
#31
Isopropyl Ether
Concen: 0.785 ug/l
RT: 3.972 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 5489
Ion Ratio Lower Upper
45 100
43 52.7 25.3 75.9

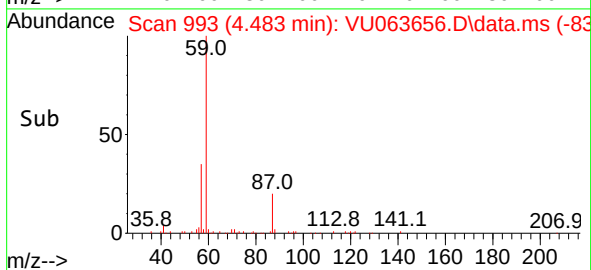
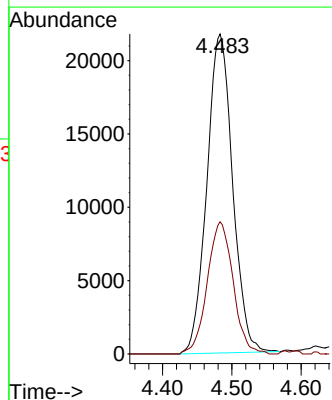
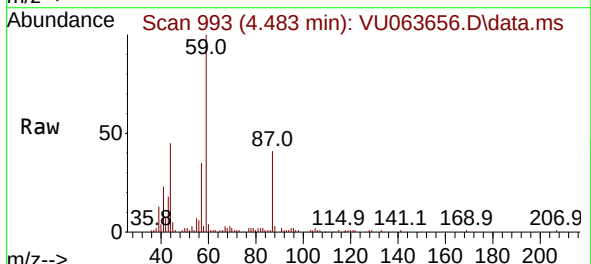
Manual Integrations
APPROVED

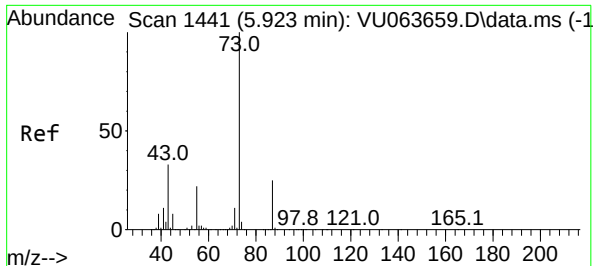
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#32
Ethyl-t-butyl ether
Concen: 0.922 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

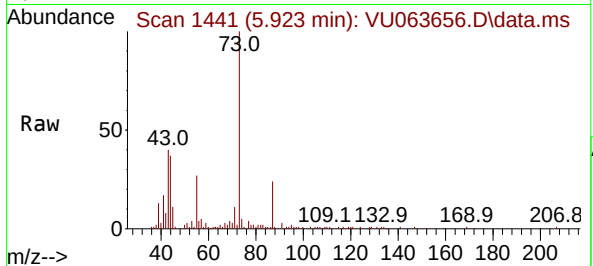
Tgt Ion: 59 Resp: 56166
Ion Ratio Lower Upper
59 100
87 41.5 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 0.920 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

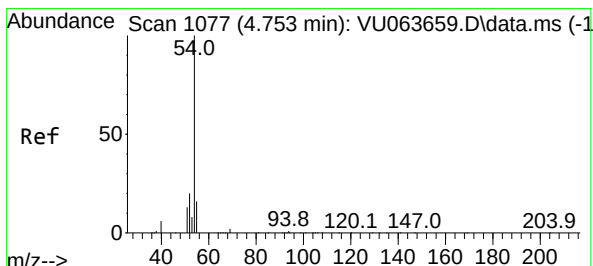
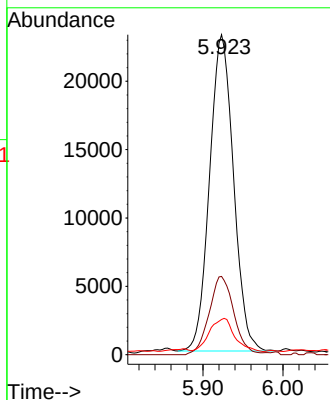
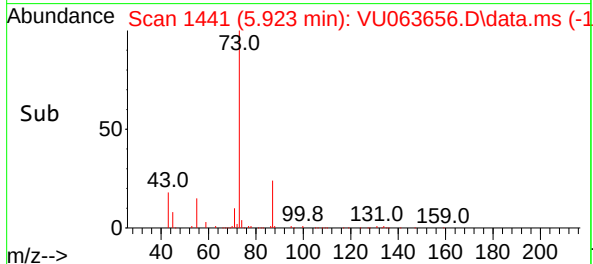
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



Tgt Ion: 73 Resp: 4806
Ion Ratio Lower Upper
73 100
87 24.7 20.0 30.0
71 10.5 9.0 13.4

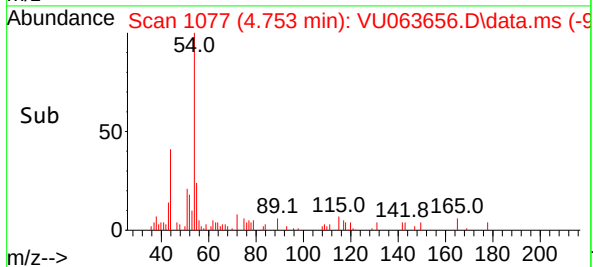
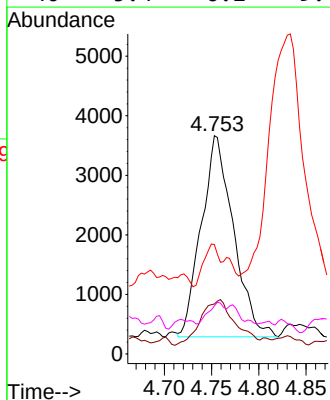
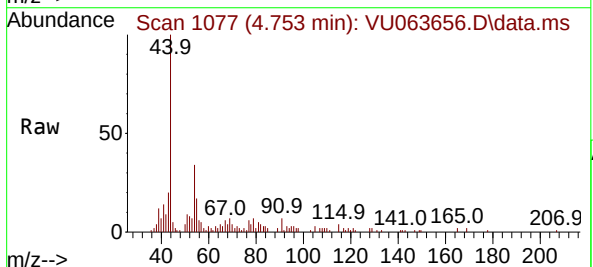
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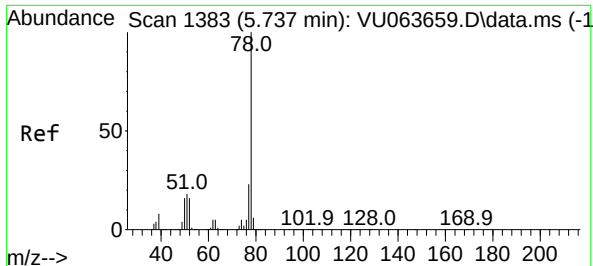
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#34
Propionitrile
Concen: 4.093 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 54 Resp: 8000
Ion Ratio Lower Upper
54 100
52 24.3 15.8 23.6#
55 10.8 11.3 16.9#
40 5.4 6.2 9.4#





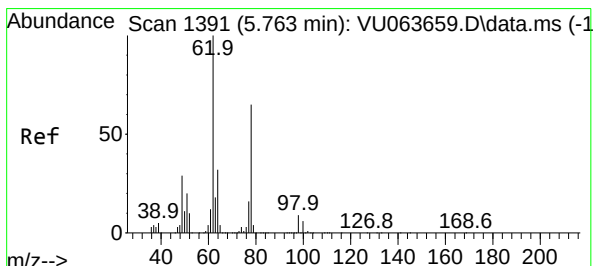
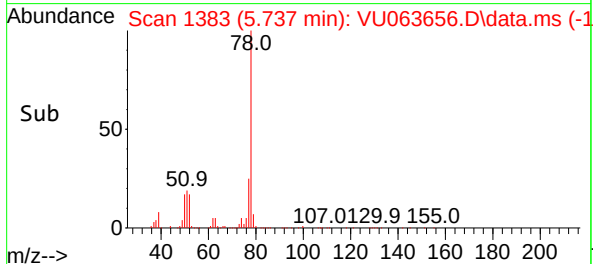
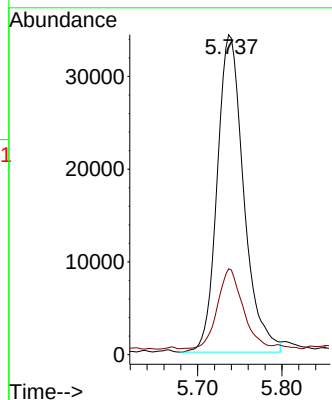
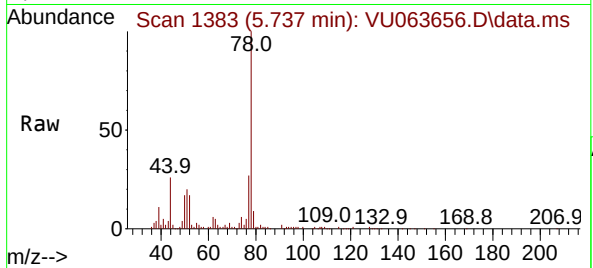
#35
Benzene
Concen: 0.862 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 7488
Ion Ratio Lower Upper
78 100
77 25.2 18.3 27.5

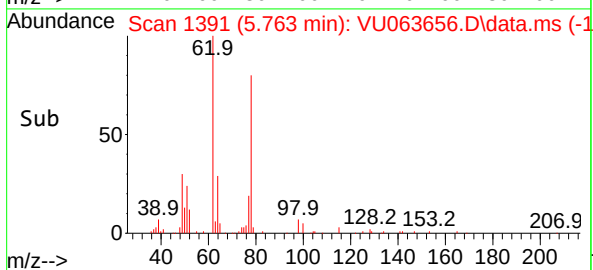
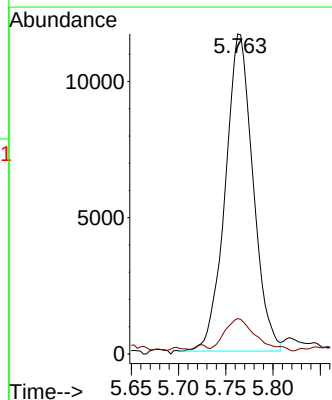
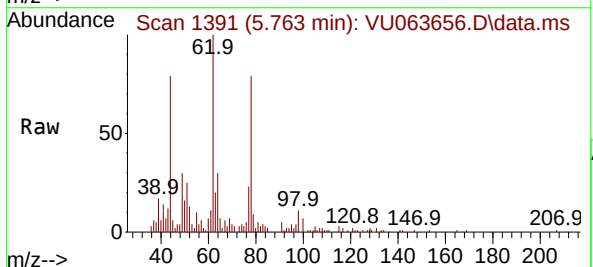
Manual Integrations
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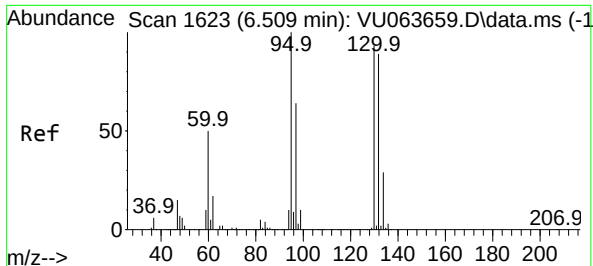
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#36
1,2-Dichloroethane
Concen: 0.814 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 62 Resp: 23805
Ion Ratio Lower Upper
62 100
98 11.2 6.8 10.2#





#37

Trichloroethene

Concen: 1.028 ug/l

RT: 6.512 min Scan# 1623

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 2257

Ion Ratio Lower Upper

130 100

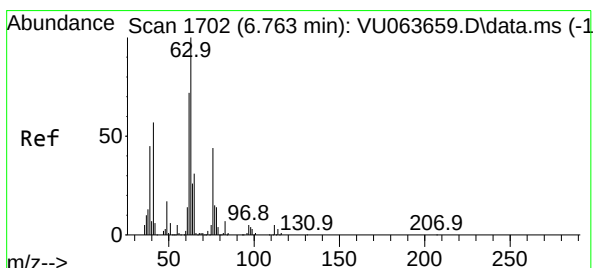
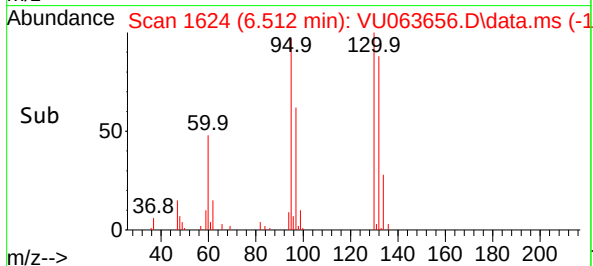
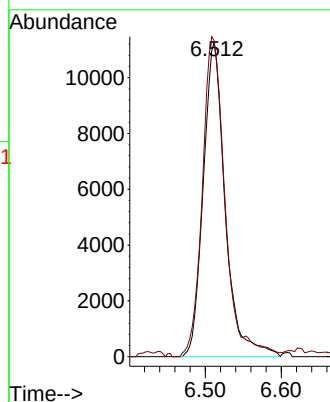
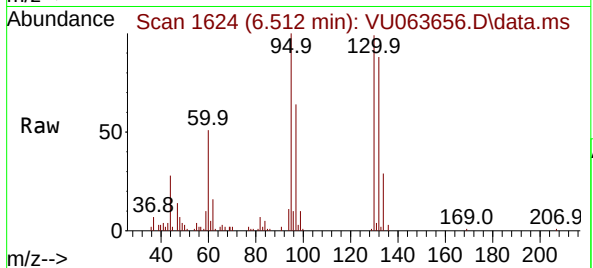
95 100.7 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#38

1,2-Dichloropropane

Concen: 0.886 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063656.D

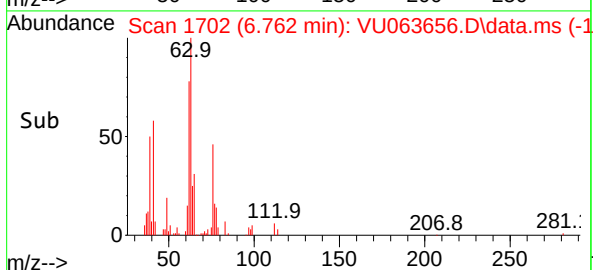
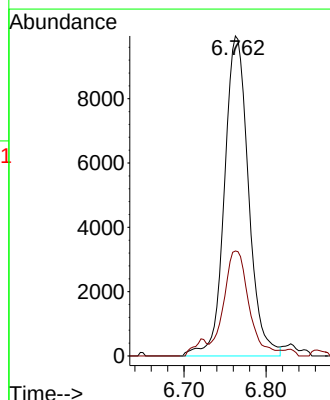
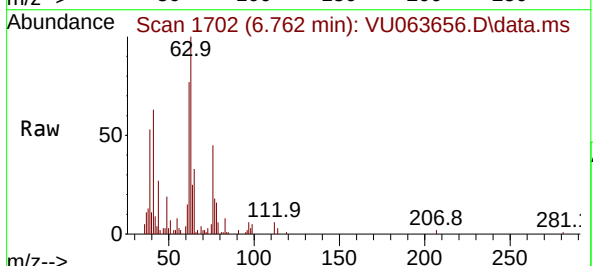
Acq: 31 Oct 2025 10:04

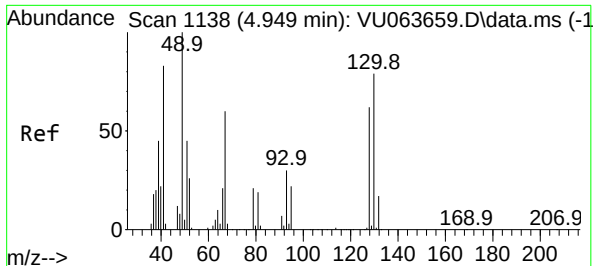
Tgt Ion: 63 Resp: 20309

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7





#39

Methacrylonitrile

Concen: 0.913 ug/l m

RT: 4.955 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

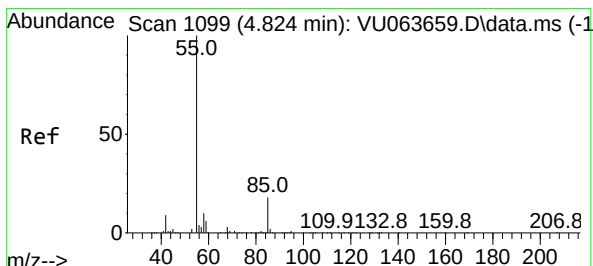
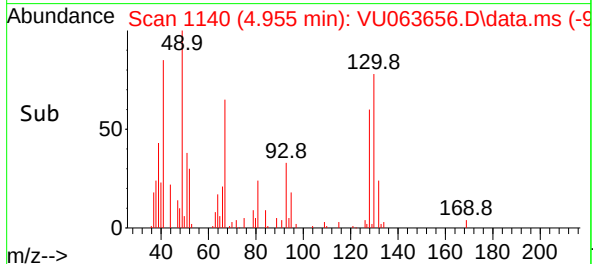
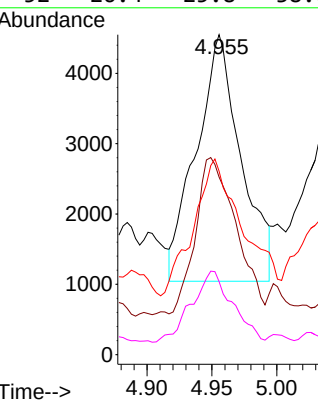
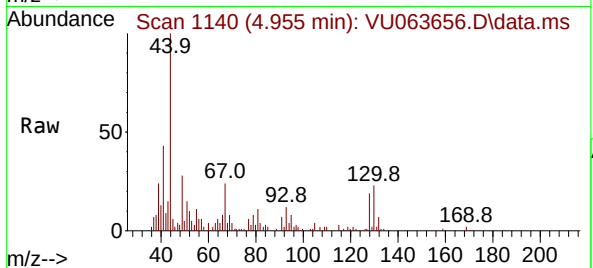
Tgt Ion:	41	Resp:	8414
Ion	Ratio	Lower	Upper
41	100		
67	57.0	61.4	92.2
39	60.8	46.5	69.7
52	26.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#40

Methyl acrylate

Concen: 0.986 ug/l m

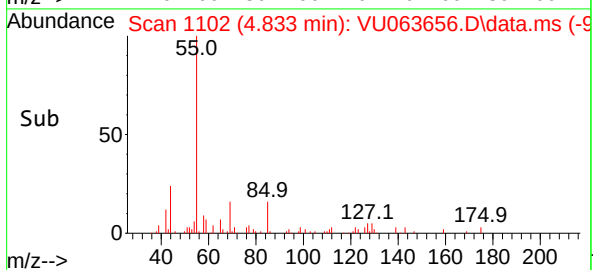
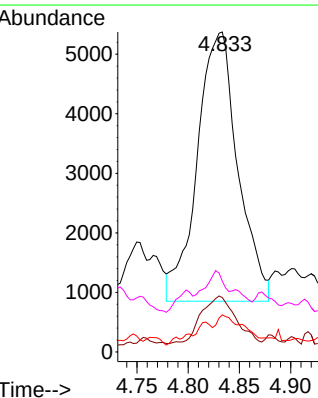
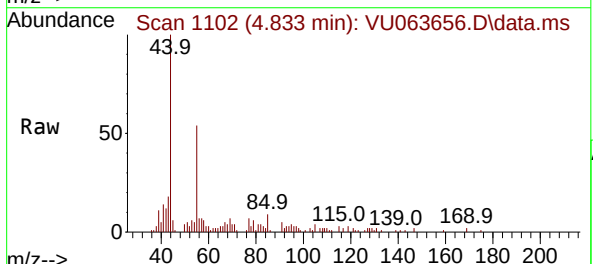
RT: 4.833 min Scan# 1102

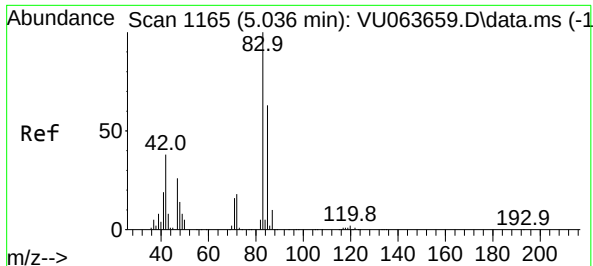
Delta R.T. 0.009 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Tgt Ion:	55	Resp:	12468
Ion	Ratio	Lower	Upper
55	100		
85	13.9	15.3	22.9
58	6.1	7.7	11.5
42	9.1	7.9	11.9





#41

Tetrahydrofuran

Concen: 1.543 ug/l

RT: 5.042 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

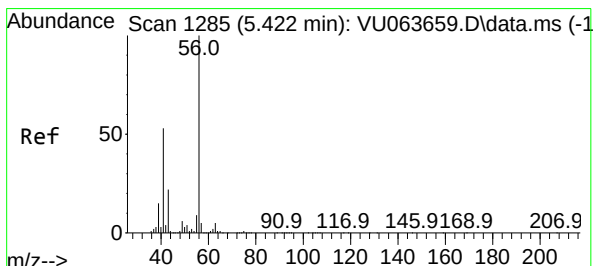
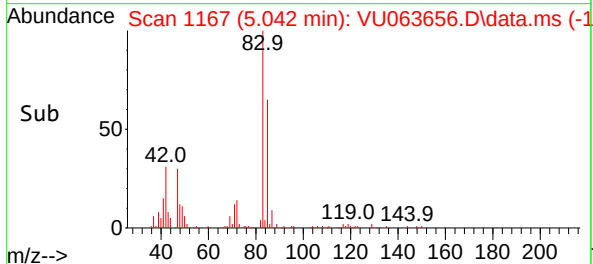
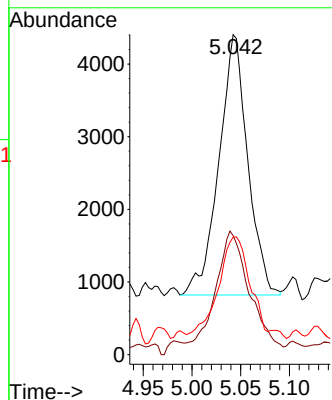
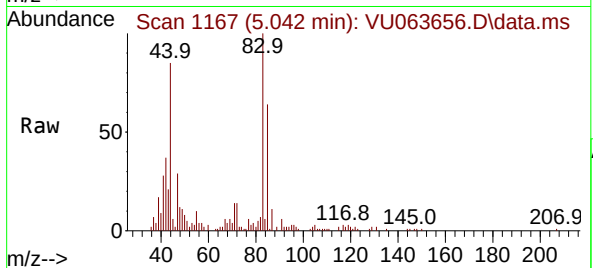
Tgt Ion:	42	Resp:	7389
Ion Ratio	Lower	Upper	
42	100		
72	52.7	40.5	60.7
71	39.6	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#42

1-Chlorobutane

Concen: 0.789 ug/l

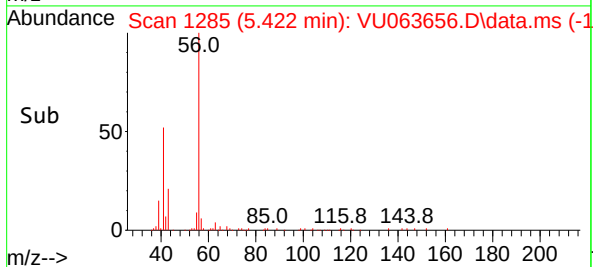
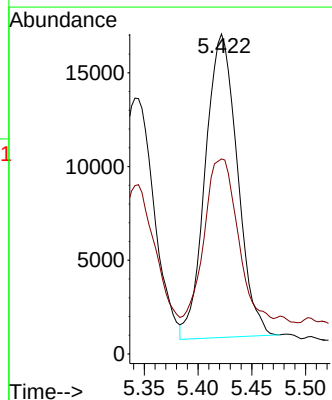
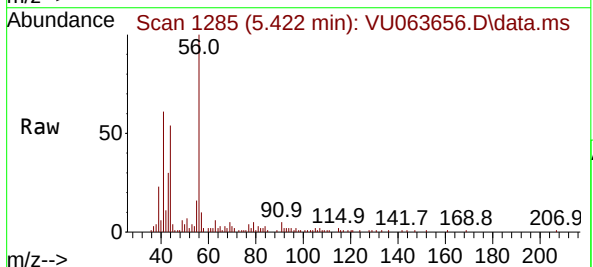
RT: 5.422 min Scan# 1285

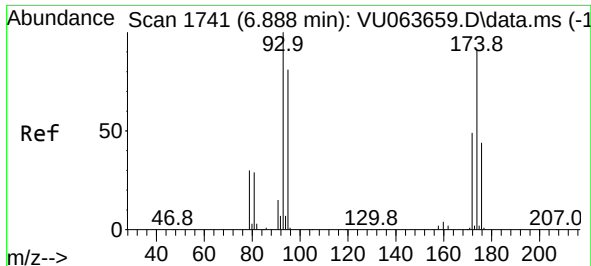
Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

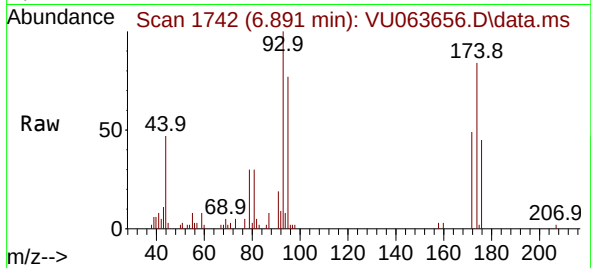
Tgt Ion:	56	Resp:	33574
Ion Ratio	Lower	Upper	
56	100		
41	54.1	25.9	77.6





#43
Dibromomethane
Concen: 0.992 ug/l
RT: 6.891 min Scan# 1125
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

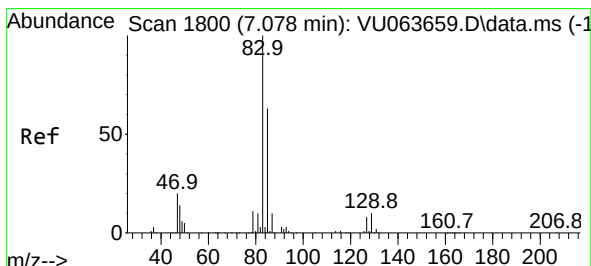
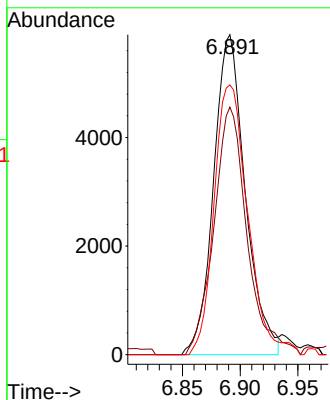
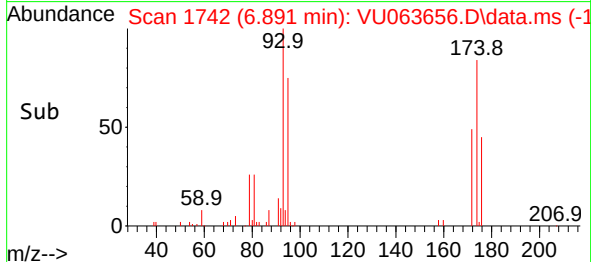
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



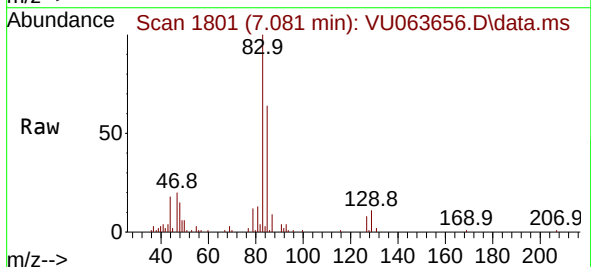
Tgt Ion: 93 Resp: 1125
Ion Ratio Lower Upper
93 100
95 80.9 64.6 97.0
174 89.7 73.8 110.8

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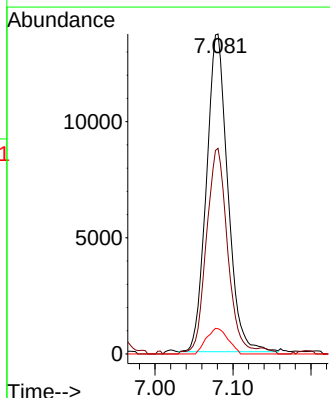
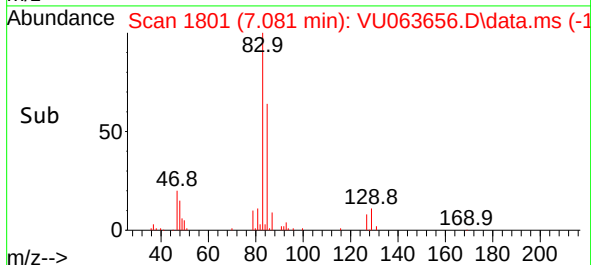
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

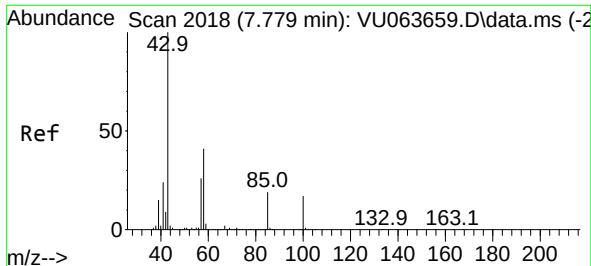


#44
Bromodichloromethane
Concen: 1.058 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



Tgt Ion: 83 Resp: 26071
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 9.1 6.4 9.6





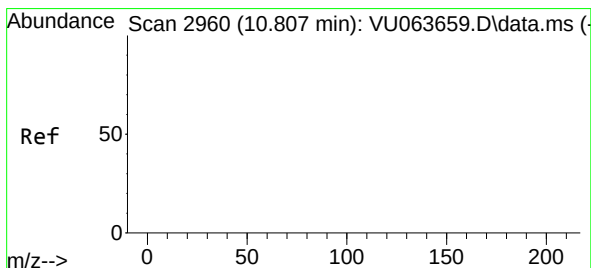
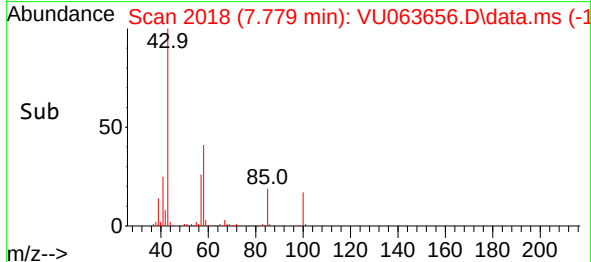
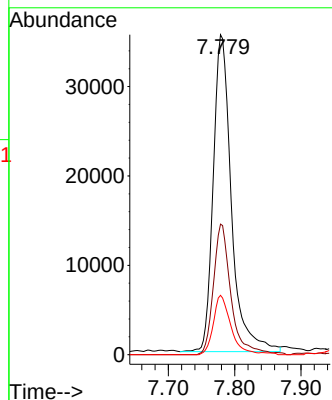
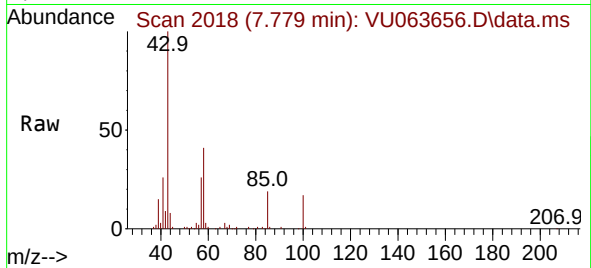
#45
4-Methyl-2-Pentanone
Concen: 4.794 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
58 39.6 20.2 60.5
85 17.9 15.0 22.6

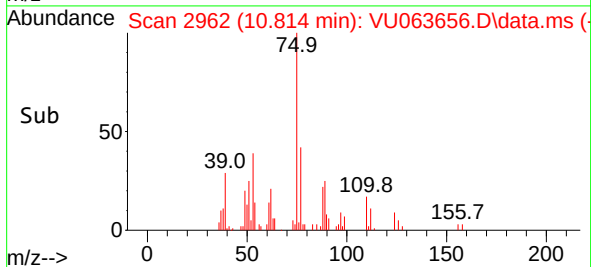
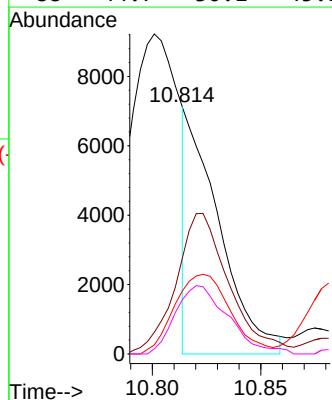
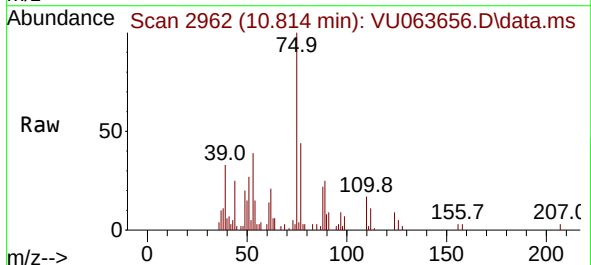
Manual Integrations
APPROVED

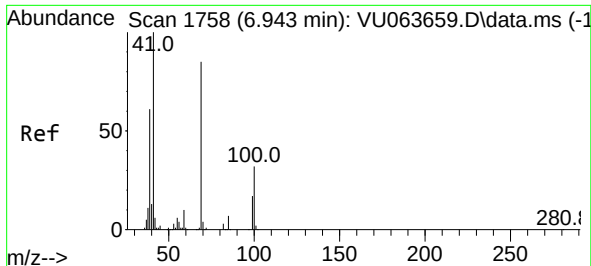
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#46
t-1,4-Dichloro-2-butene
Concen: 1.448 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

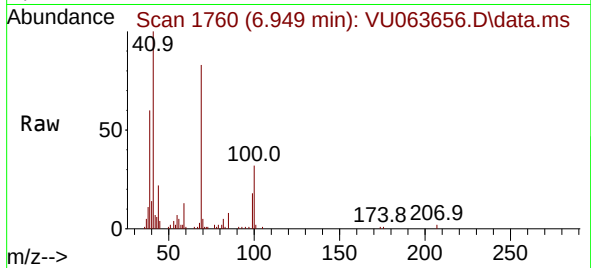
Tgt Ion: 75 Resp: 7493
Ion Ratio Lower Upper
75 100
53 92.6 57.2 85.8#
89 55.1 37.9 56.9
88 44.7 30.1 45.1





#47
Methyl methacrylate
Concen: 1.915 ug/l
RT: 6.949 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

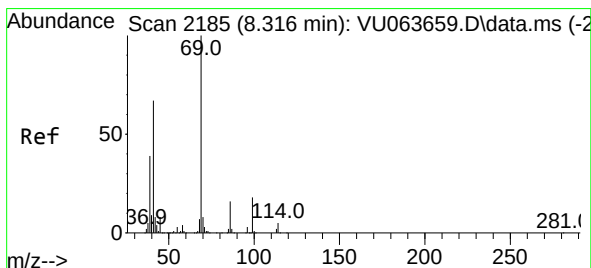
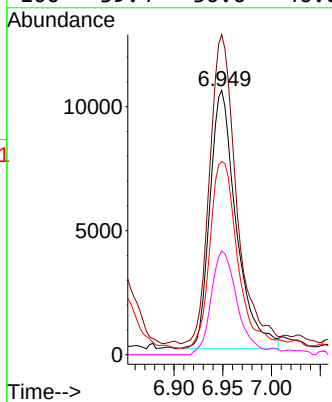
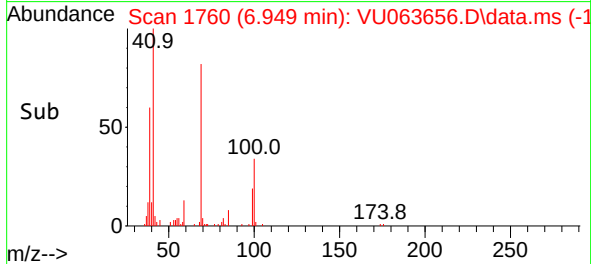
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



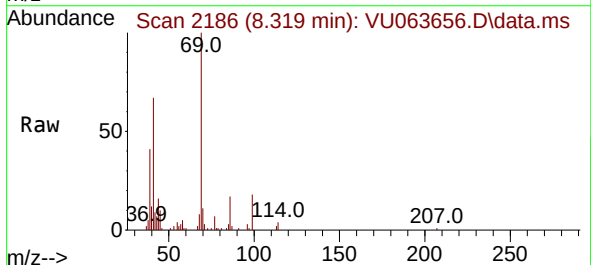
Tgt Ion: 69 Resp: 19634
Ion Ratio Lower Upper
69 100
41 120.5 0.0 228.2
39 76.6 56.2 84.4
100 39.4 30.6 46.0

Manual Integrations
APPROVED

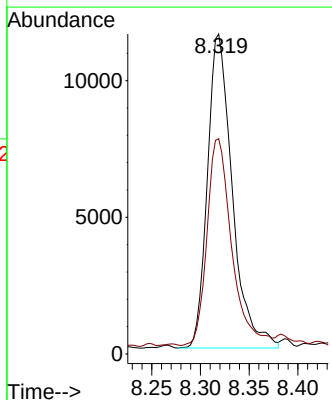
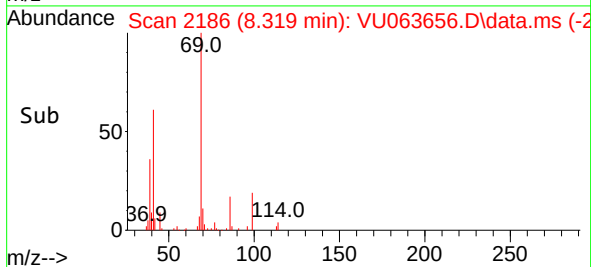
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

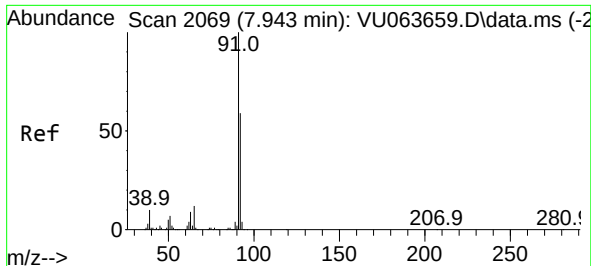


#48
Ethyl methacrylate
Concen: 1.058 ug/l
RT: 8.319 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



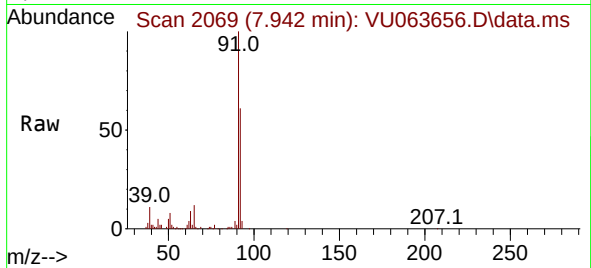
Tgt Ion: 69 Resp: 20413
Ion Ratio Lower Upper
69 100
41 65.2 32.8 98.3





#49
Toluene
Concen: 1.065 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

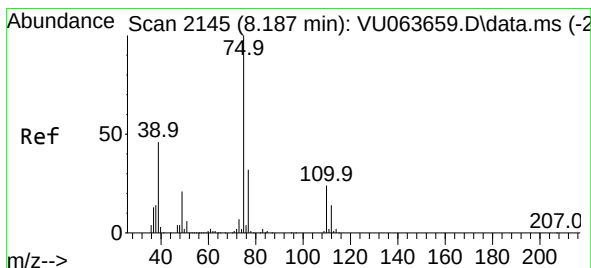
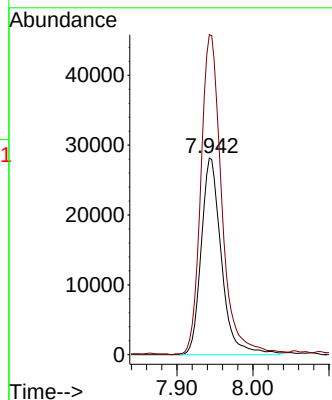
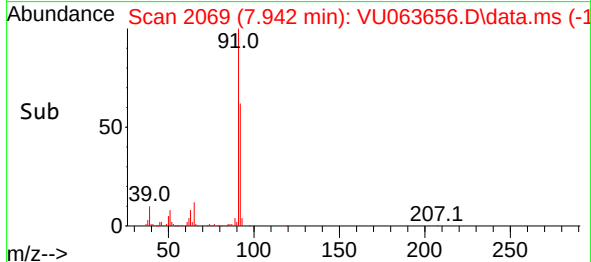
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



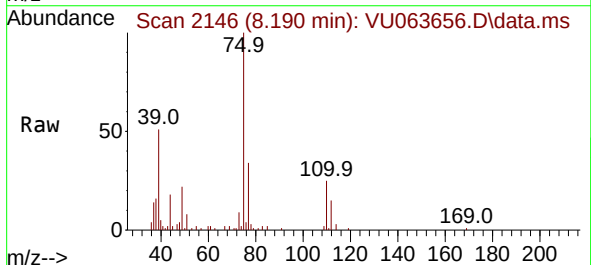
Tgt Ion: 92 Resp: 51950
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2

Manual Integrations
APPROVED

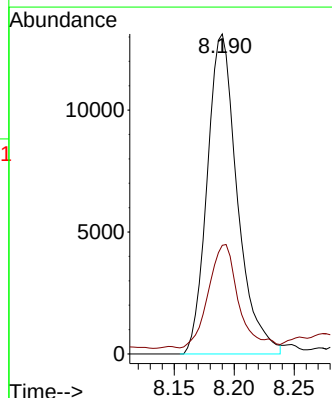
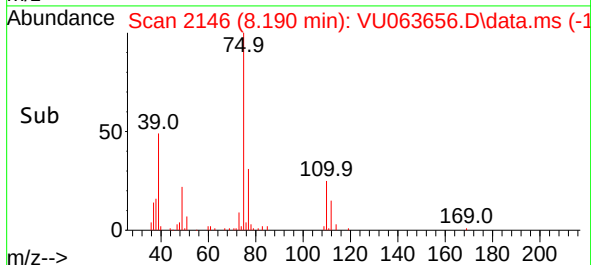
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

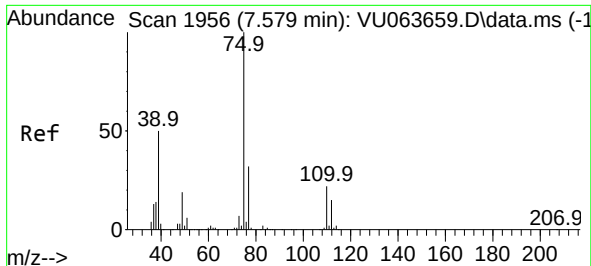


#50
t-1,3-Dichloropropene
Concen: 1.204 ug/l
RT: 8.190 min Scan# 2146
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



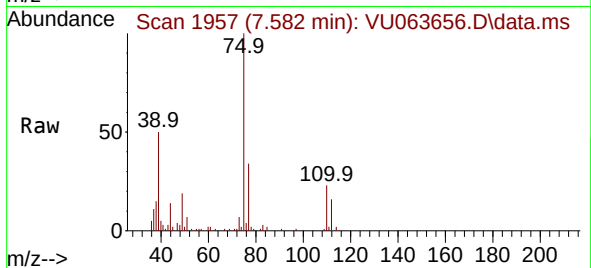
Tgt Ion: 75 Resp: 22926
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6





#51
cis-1,3-Dichloropropene
Concen: 1.177 ug/l
RT: 7.582 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

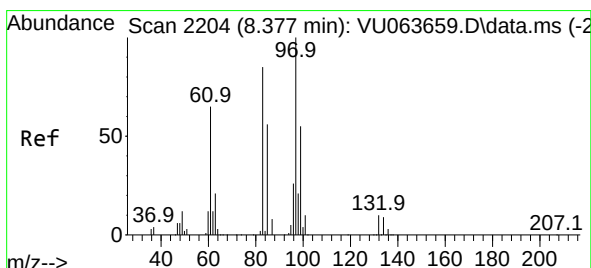
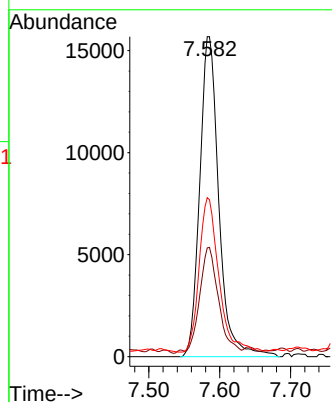
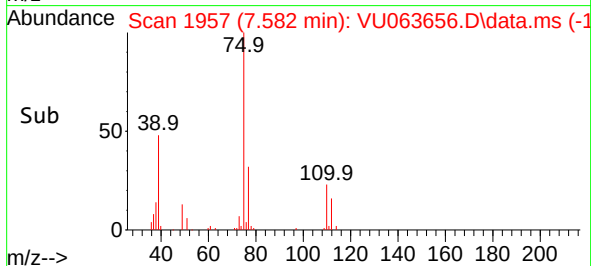
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 2932
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 48.2 39.9 59.9

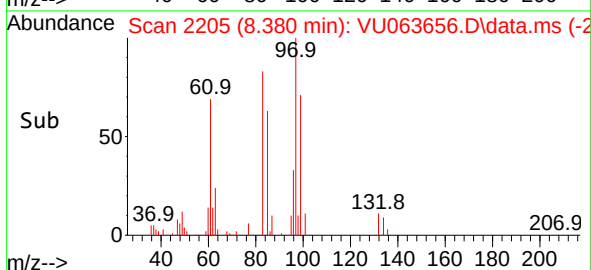
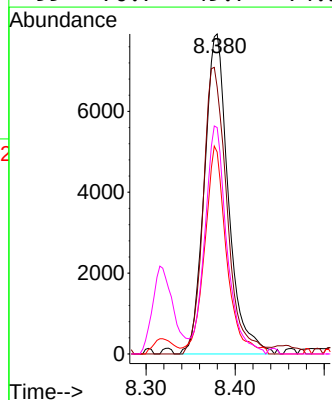
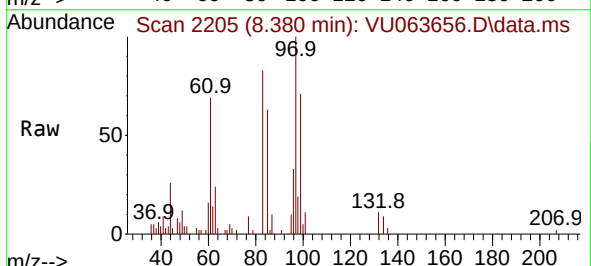
Manual Integrations
APPROVED

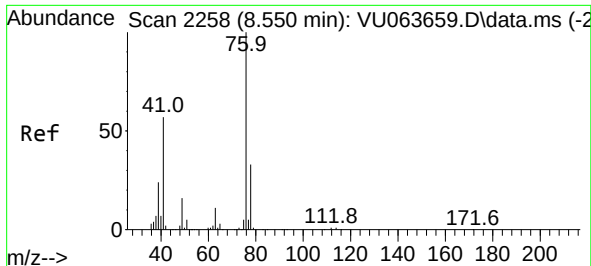
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#52
1,1,2-Trichloroethane
Concen: 0.937 ug/l
RT: 8.380 min Scan# 2205
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion: 97 Resp: 14861
Ion Ratio Lower Upper
97 100
83 83.4 68.3 102.5
85 63.1 45.3 67.9
99 70.7 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.967 ug/l

RT: 8.553 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 2675

Ion Ratio Lower Upper

76 100

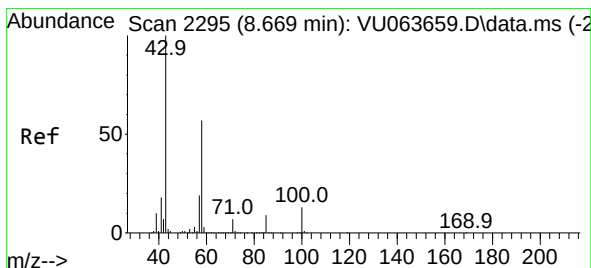
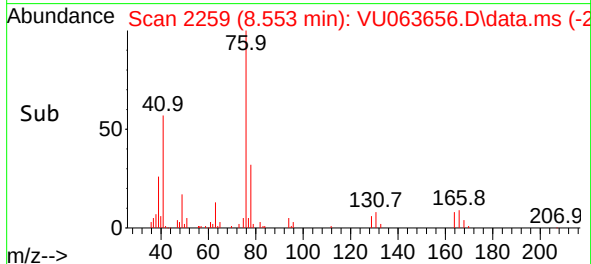
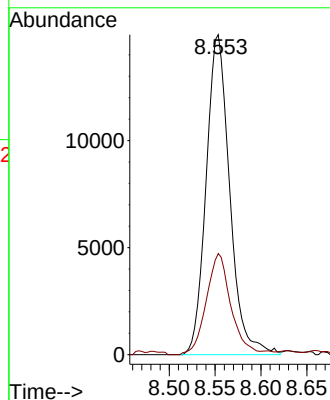
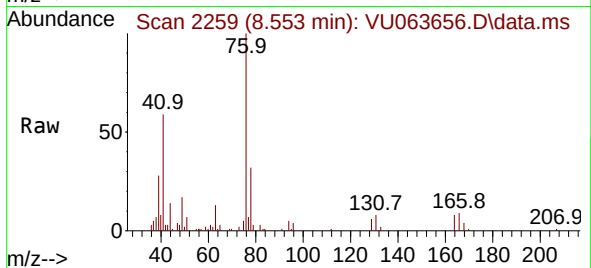
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#54

2-Hexanone

Concen: 5.244 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

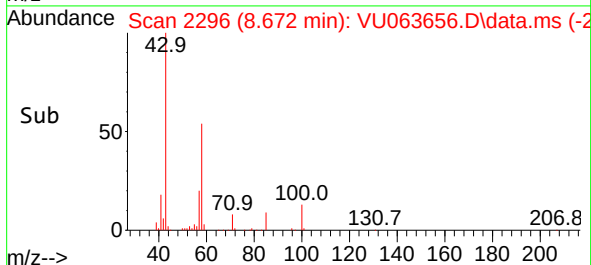
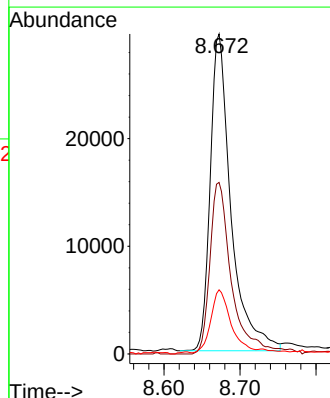
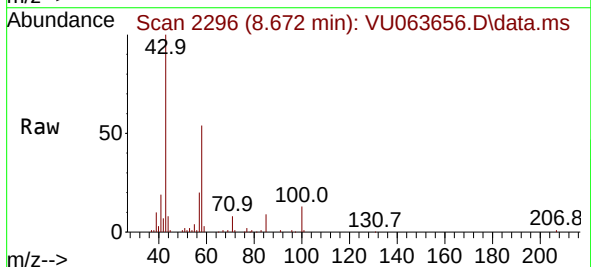
Tgt Ion: 43 Resp: 55754

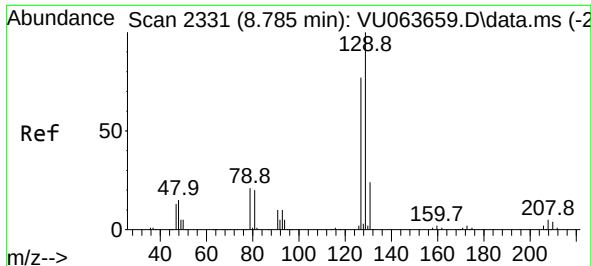
Ion Ratio Lower Upper

43 100

58 56.2 36.3 76.3

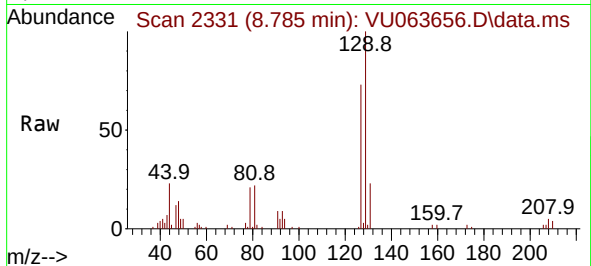
57 19.1 0.0 39.7





#55
Dibromochloromethane
Concen: 1.068 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

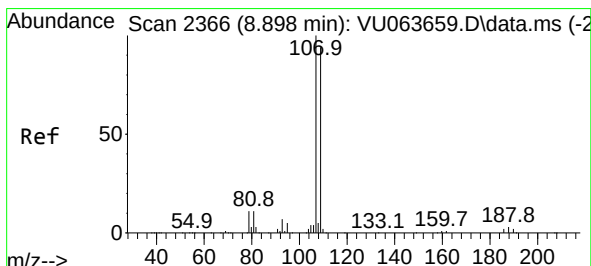
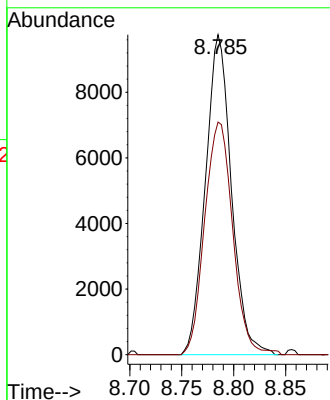
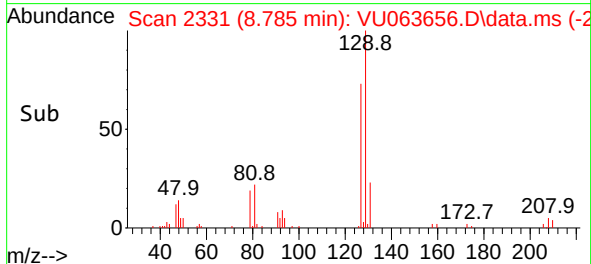
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



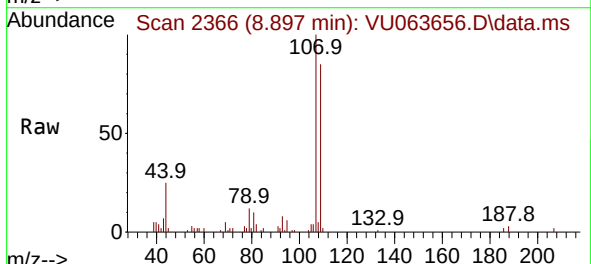
Tgt Ion:129 Resp: 17010
Ion Ratio Lower Upper
129 100
127 78.2 61.4 92.0

Manual Integrations
APPROVED

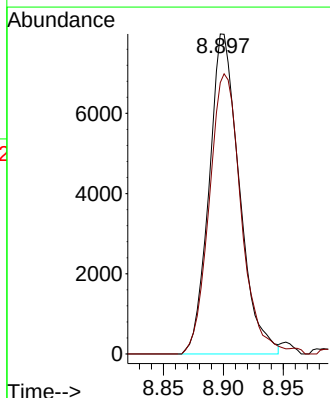
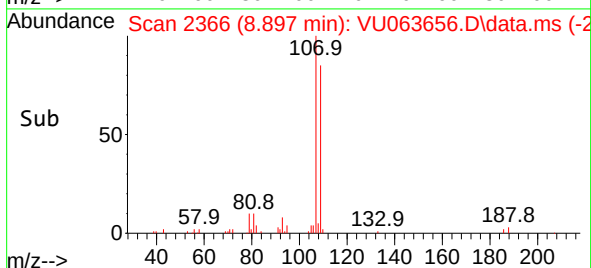
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

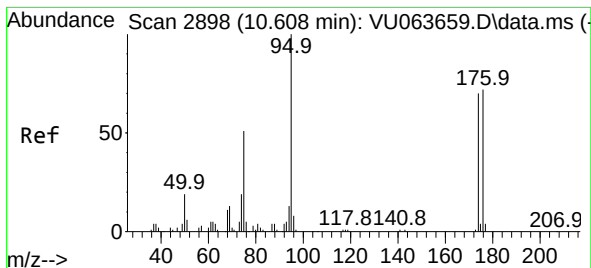


#56
1,2-Dibromoethane
Concen: 1.006 ug/l
RT: 8.897 min Scan# 2366
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



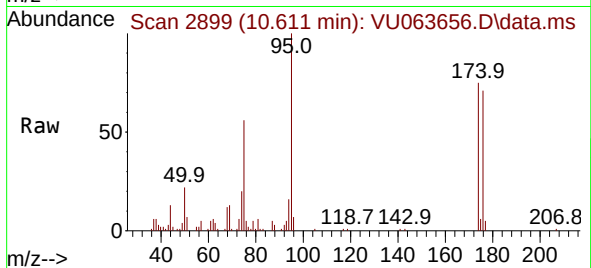
Tgt Ion:107 Resp: 13999
Ion Ratio Lower Upper
107 100
109 92.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.034 ug/l
RT: 10.611 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

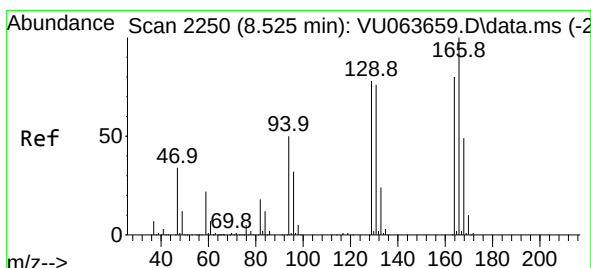
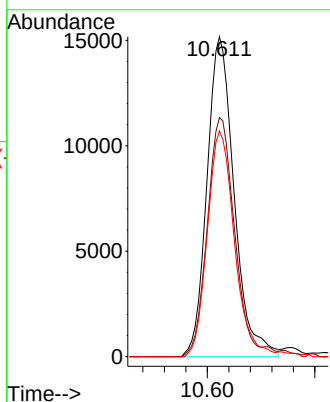
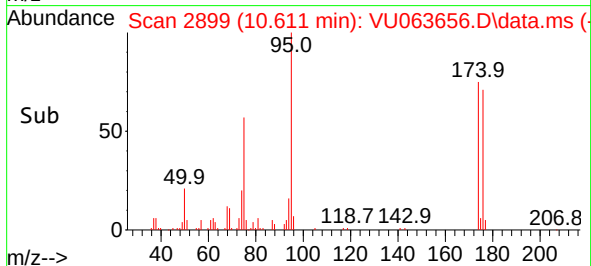
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 95 Resp: 2658
Ion Ratio Lower Upper
95 100
174 75.5 59.9 89.9
176 71.4 58.8 88.2

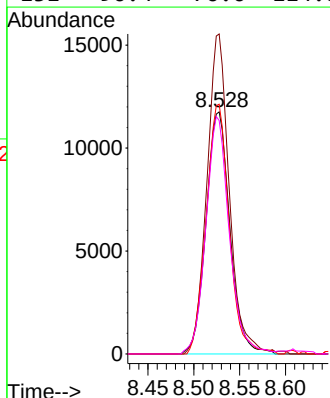
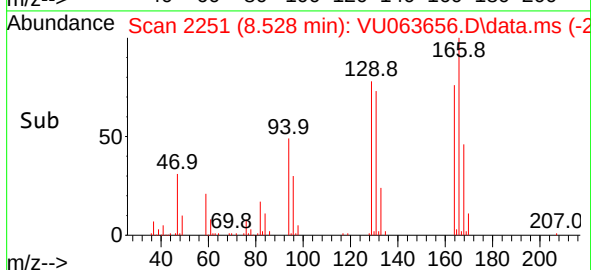
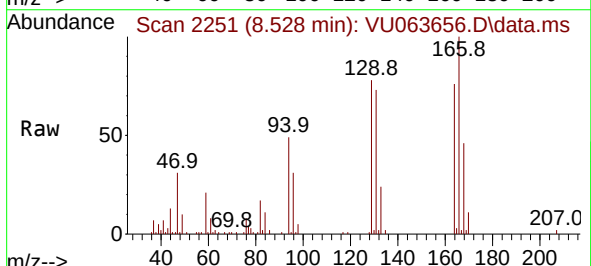
Manual Integrations
APPROVED

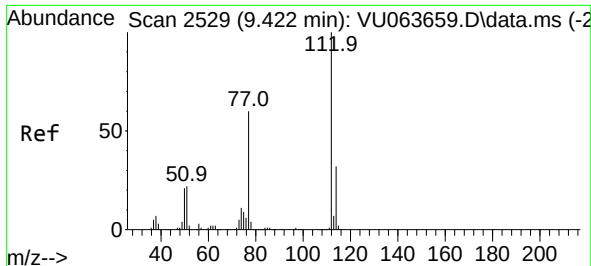
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#58
Tetrachloroethene
Concen: 0.973 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:164 Resp: 21302
Ion Ratio Lower Upper
164 100
166 132.2 100.1 150.1
129 103.2 77.6 116.4
131 96.4 76.6 114.8





#59

Chlorobenzene

Concen: 0.997 ug/l

RT: 9.425 min Scan# 2530

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:112 Resp: 5528

Ion Ratio Lower Upper

112 100

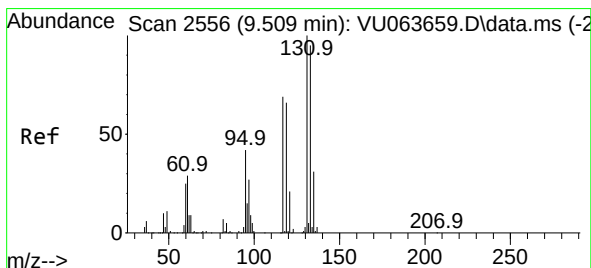
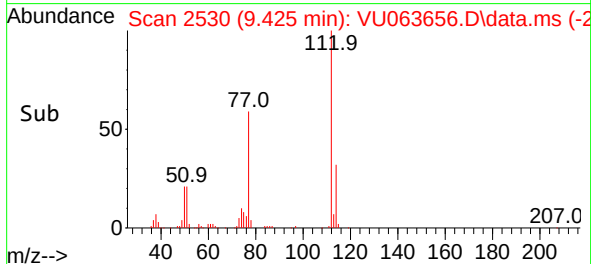
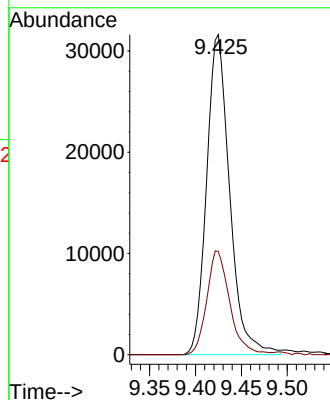
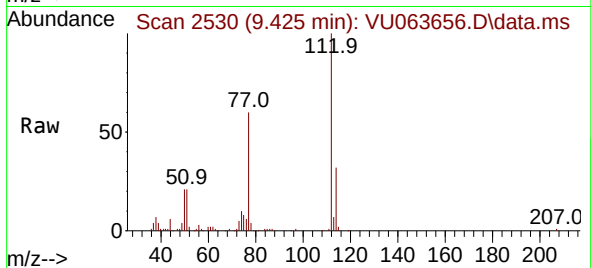
114 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 1.101 ug/l

RT: 9.508 min Scan# 2556

Delta R.T. -0.000 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

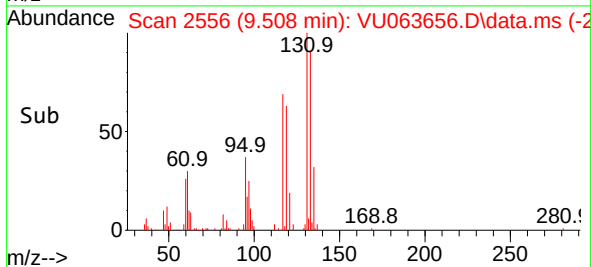
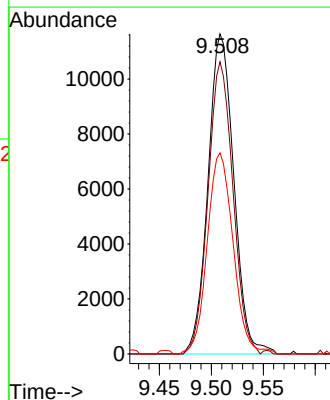
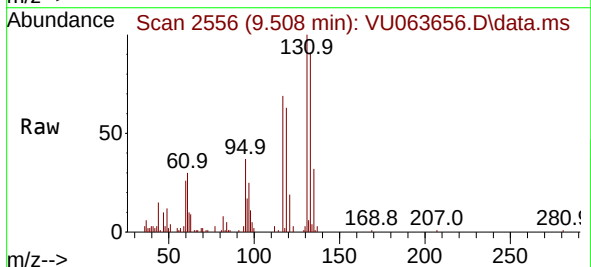
Tgt Ion:131 Resp: 20110

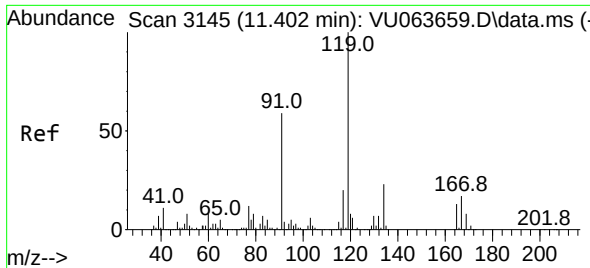
Ion Ratio Lower Upper

131 100

133 88.2 77.0 115.6

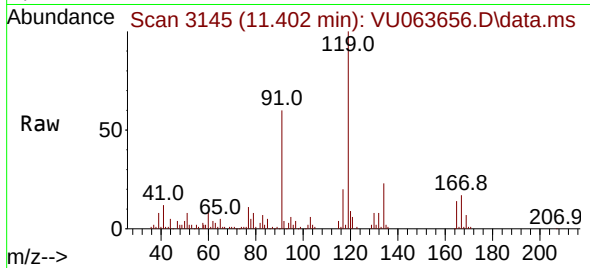
119 63.0 52.8 79.2





#61
Pentachloroethane
Concen: 1.085 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

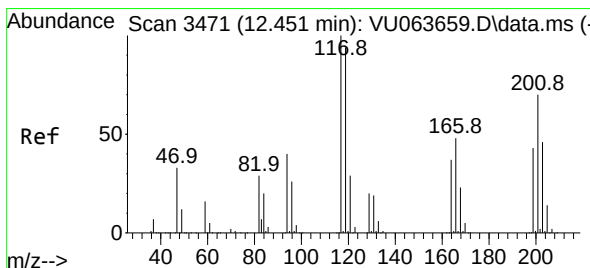
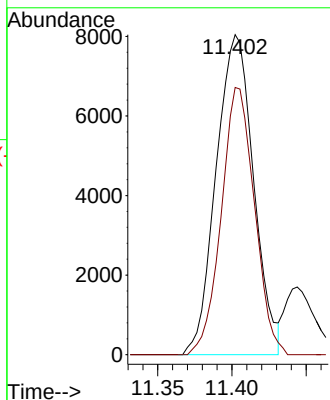
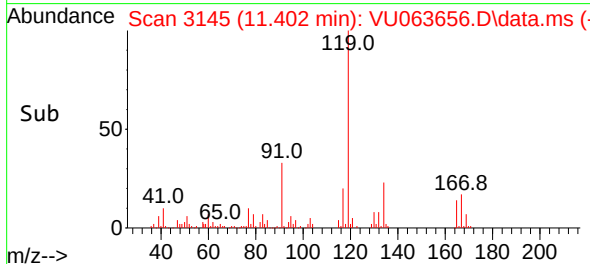
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



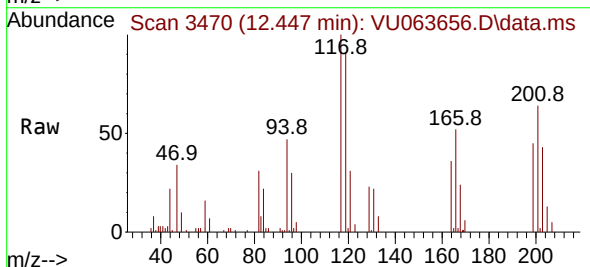
Tgt Ion:117 Resp: 14120
Ion Ratio Lower Upper
117 100
167 74.1 62.8 94.2

Manual Integrations
APPROVED

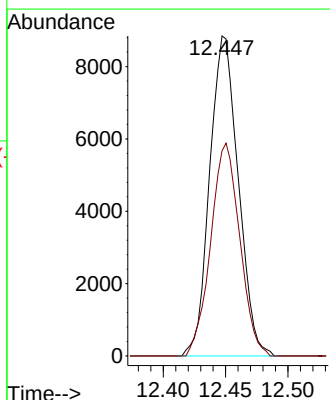
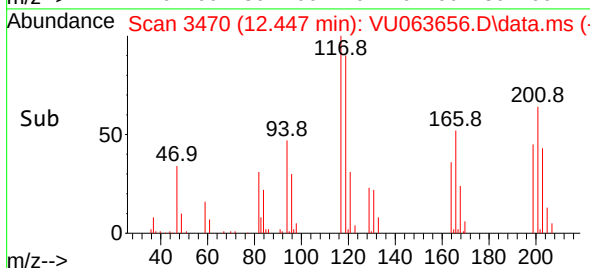
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

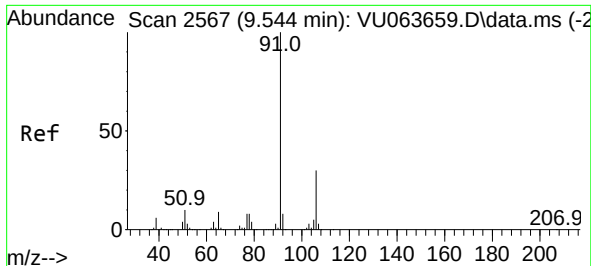


#62
Hexachloroethane
Concen: 1.183 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



Tgt Ion:117 Resp: 14139
Ion Ratio Lower Upper
117 100
201 67.6 56.3 84.5





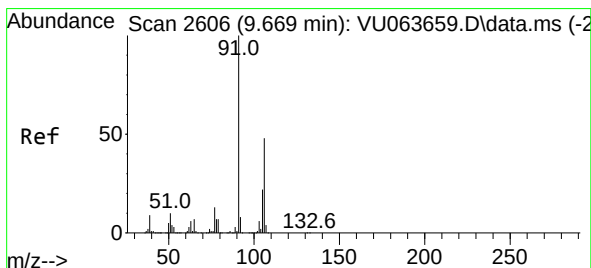
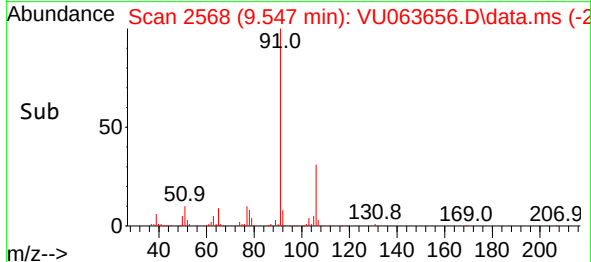
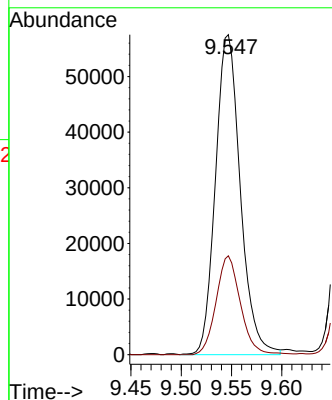
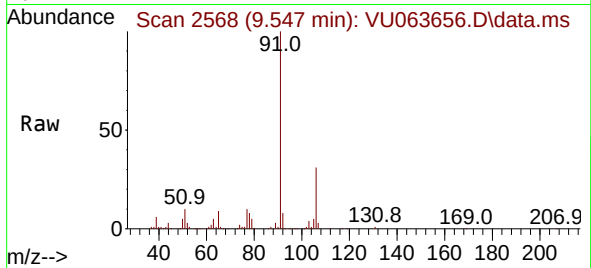
#63
Ethyl Benzene
Concen: 1.037 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 98934
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

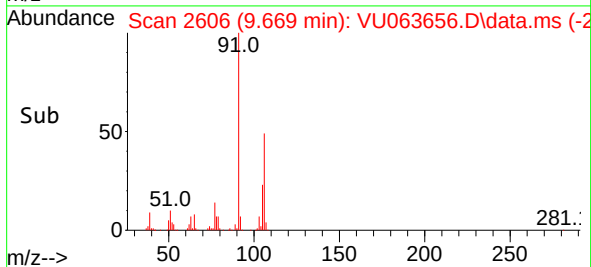
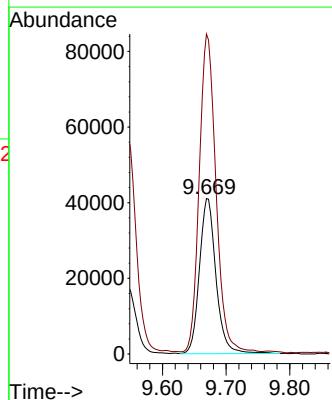
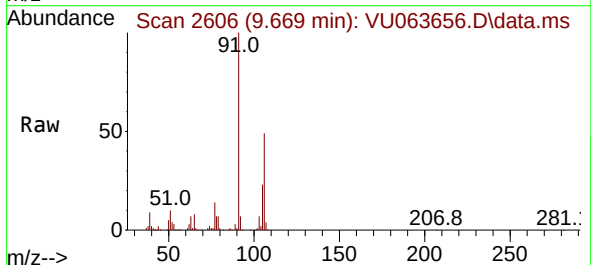
Manual Integrations
APPROVED

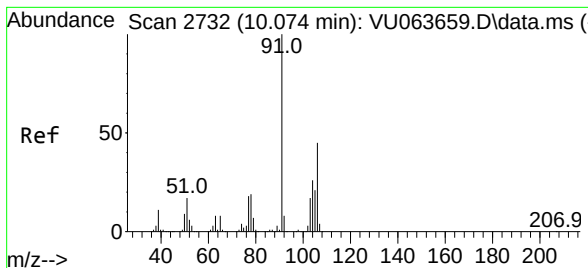
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#64
m/p-Xylenes
Concen: 2.028 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

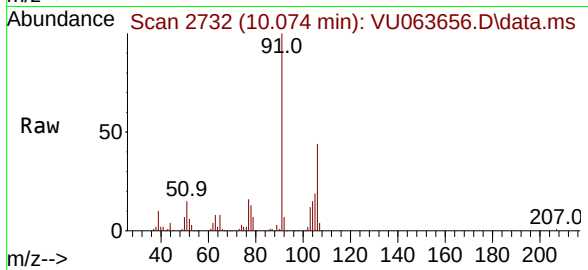
Tgt Ion:106 Resp: 74132
Ion Ratio Lower Upper
106 100
91 205.5 167.0 250.4





#65
o-Xylene
Concen: 0.972 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

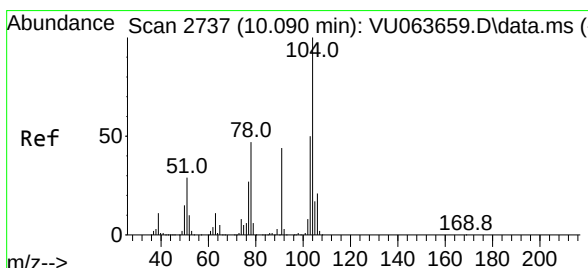
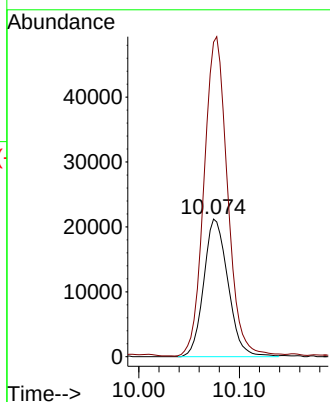
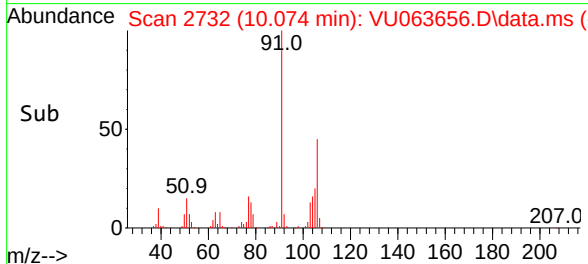
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:106 Resp: 3549
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.9

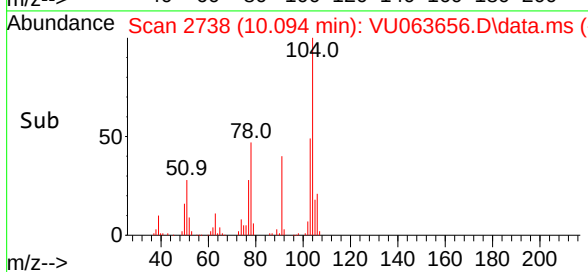
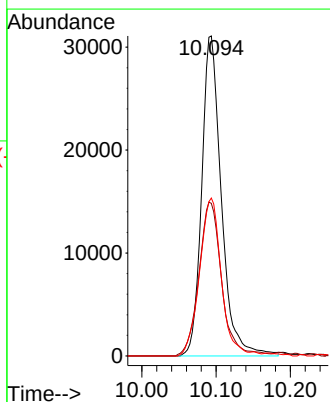
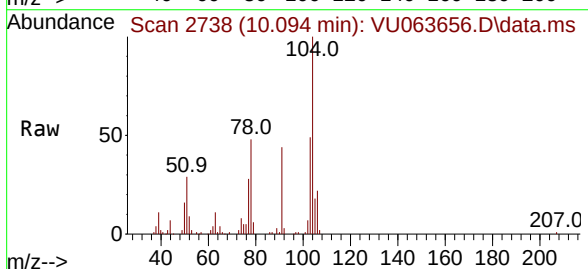
Manual Integrations
APPROVED

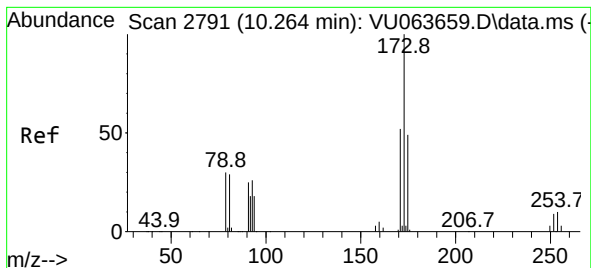
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#66
Styrene
Concen: 0.982 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:104 Resp: 57244
Ion Ratio Lower Upper
104 100
78 55.4 42.8 64.2
103 53.9 43.9 65.9





#67

Bromoform

Concen: 1.180 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

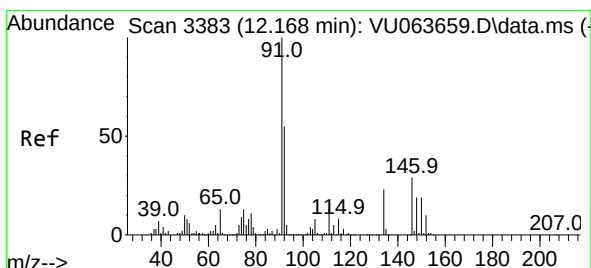
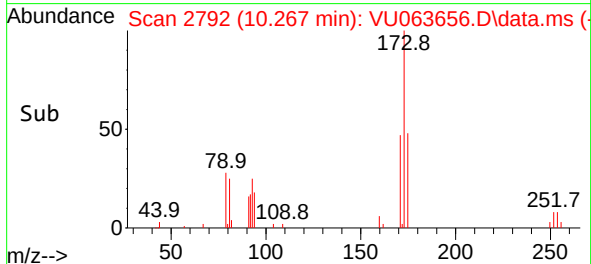
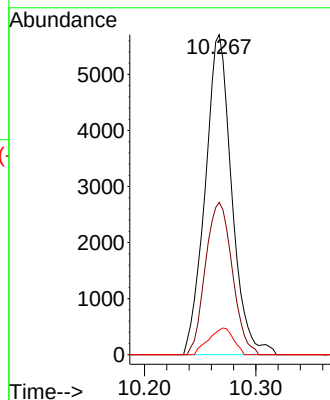
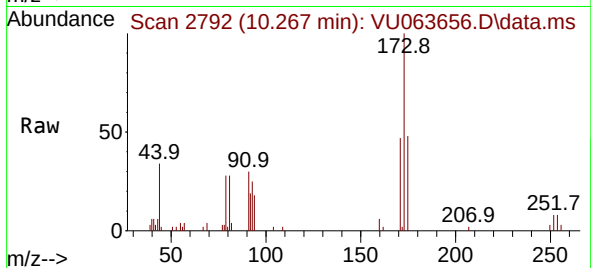
Tgt Ion:173	Resp:	9450
Ion Ratio	Lower	Upper
173	100	
175	48.1	39.0 58.4
254	7.7	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.953 ug/l

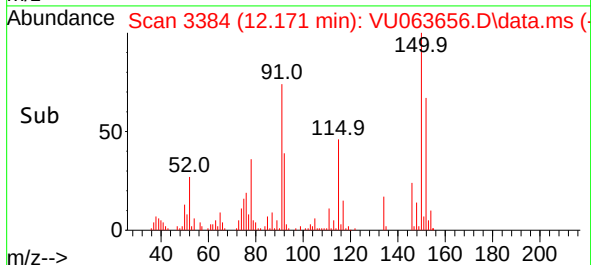
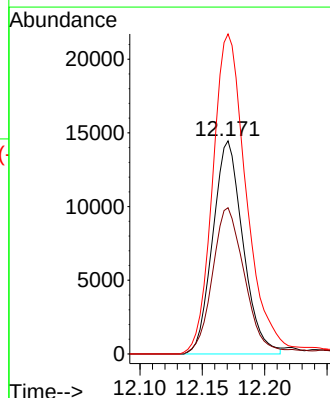
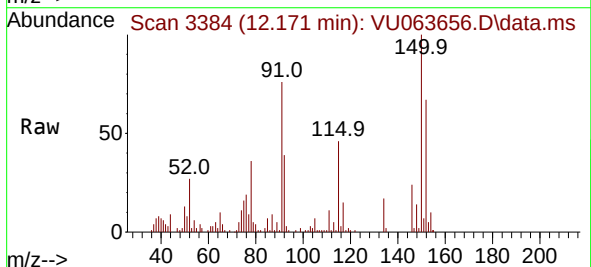
RT: 12.171 min Scan# 3384

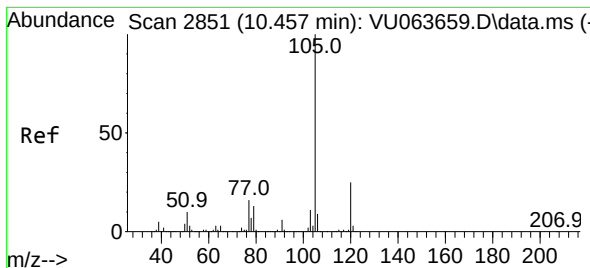
Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Tgt Ion:152	Resp:	24387
Ion Ratio	Lower	Upper
152	100	
115	74.1	0.0 247.2
150	170.8	0.0 643.6





#69

Isopropylbenzene

Concen: 0.999 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 88699

Ion Ratio Lower Upper

105 100

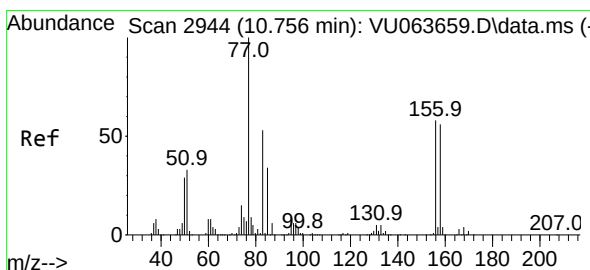
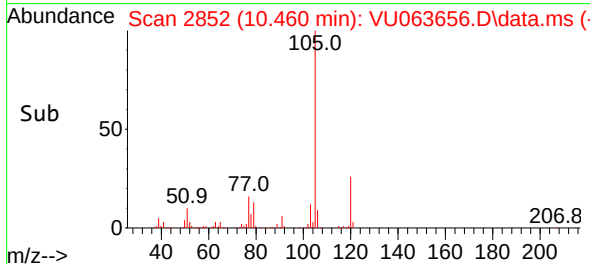
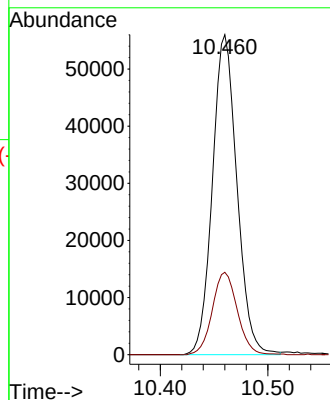
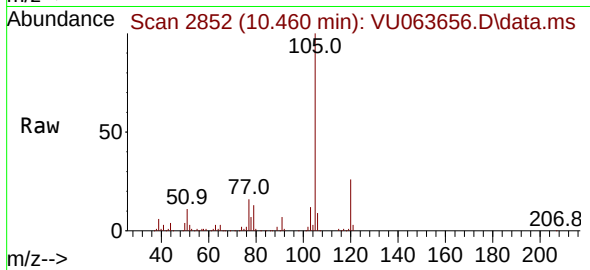
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.931 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

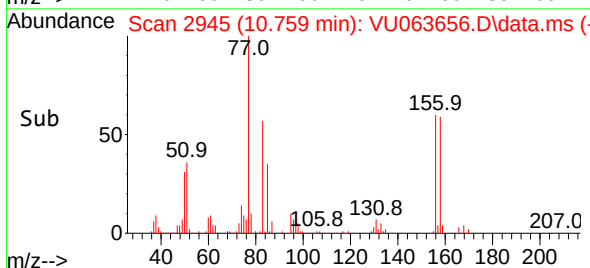
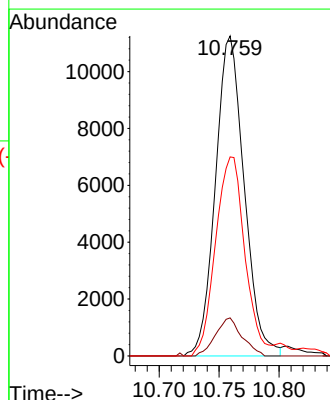
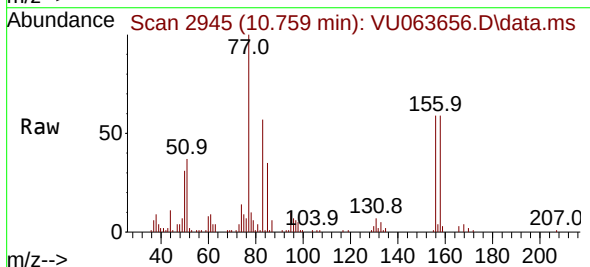
Tgt Ion: 83 Resp: 18757

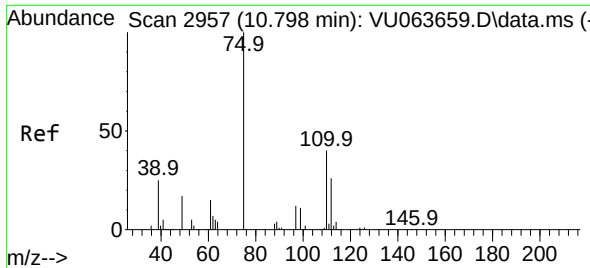
Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

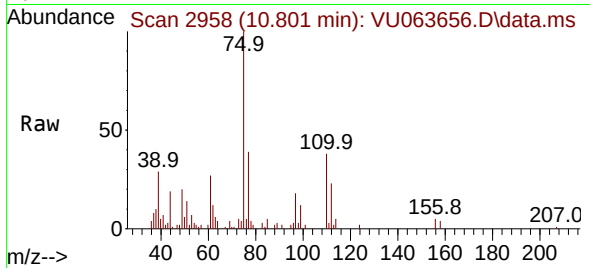
85 63.4 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 1.230 ug/l m
RT: 10.801 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

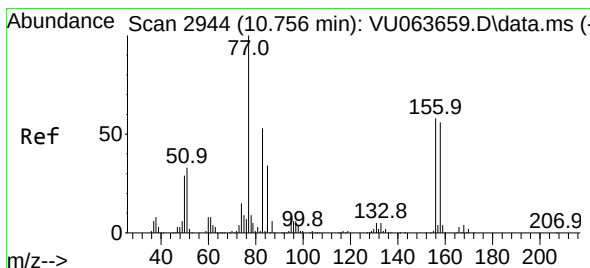
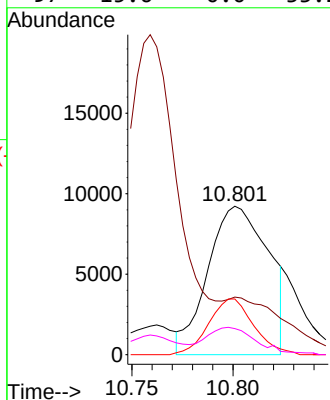
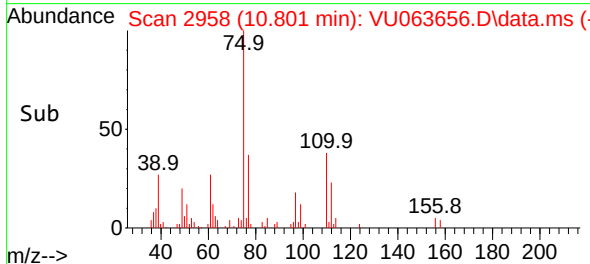
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



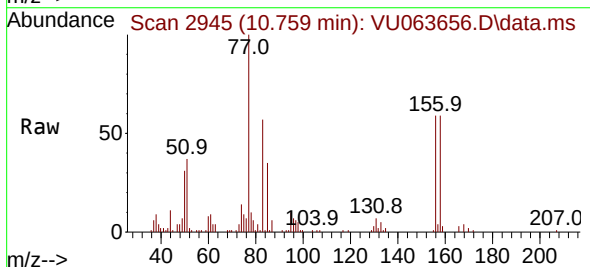
Tgt Ion: 75 Resp: 19110
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.1 0.0 66.4
97 15.6 0.0 33.2

Manual Integrations
APPROVED

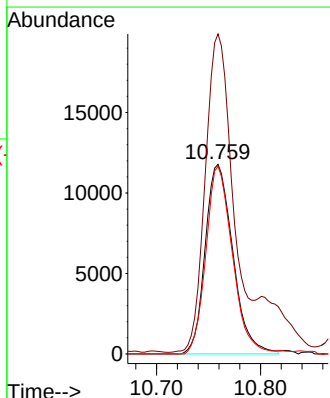
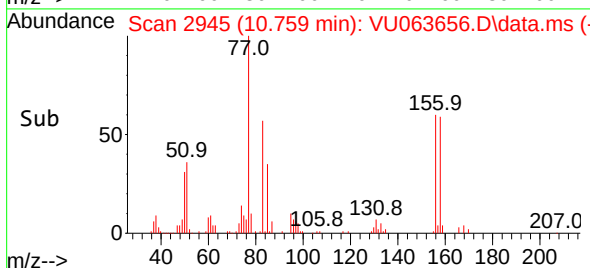
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

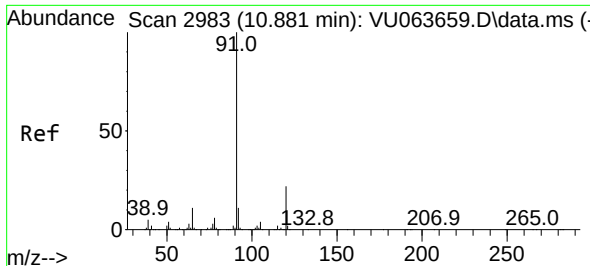


#72
Bromobenzene
Concen: 0.956 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



Tgt Ion:156 Resp: 21809
Ion Ratio Lower Upper
156 100
77 166.9 0.0 337.2
158 94.6 0.0 191.8





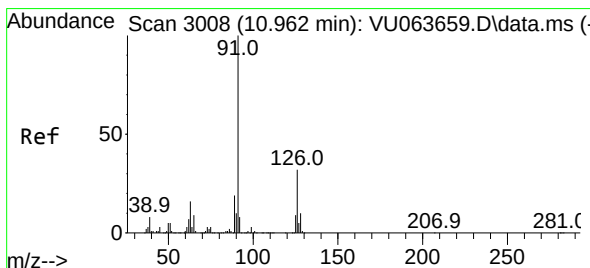
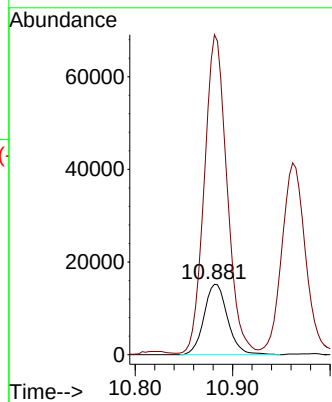
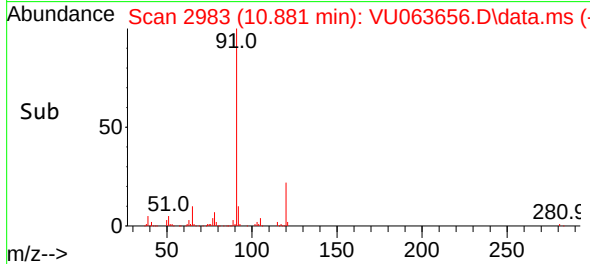
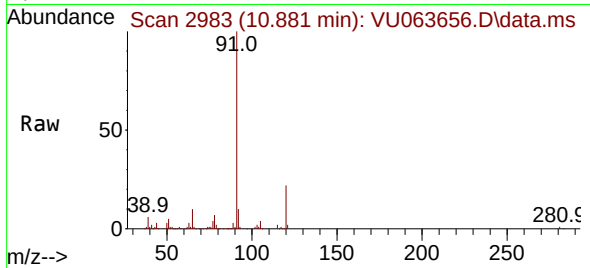
#73
n-propylbenzene
Concen: 1.001 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 25499
Ion Ratio Lower Upper
120 100
91 434.4 361.4 542.2

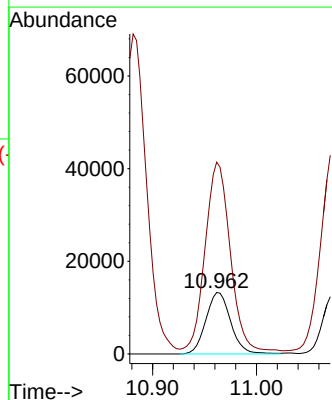
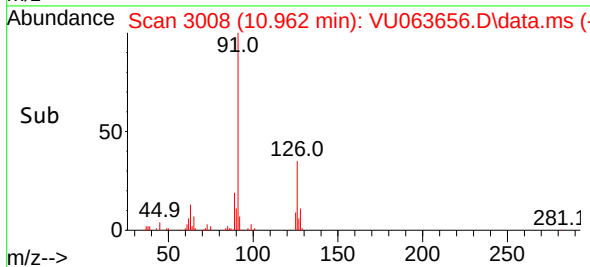
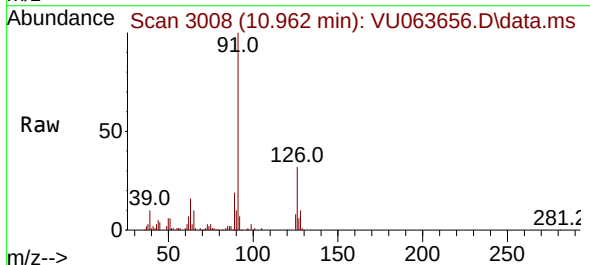
Manual Integrations
APPROVED

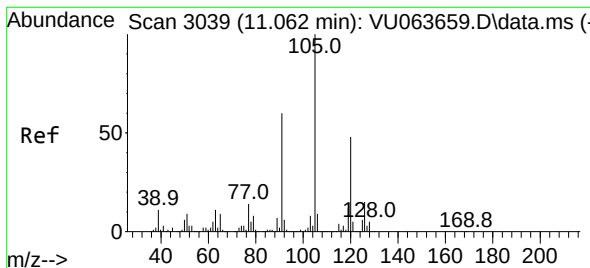
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#74
2-Chlorotoluene
Concen: 0.958 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:126 Resp: 21936
Ion Ratio Lower Upper
126 100
91 312.0 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.993 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 8204

Ion Ratio Lower Upper

105 100

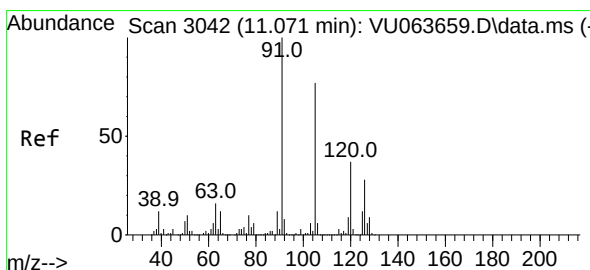
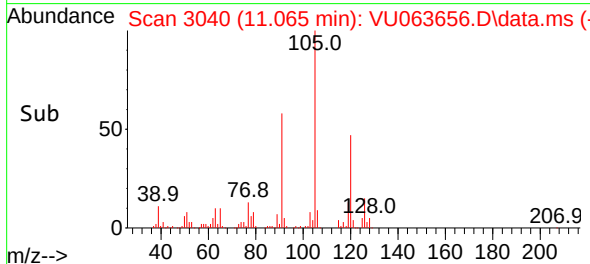
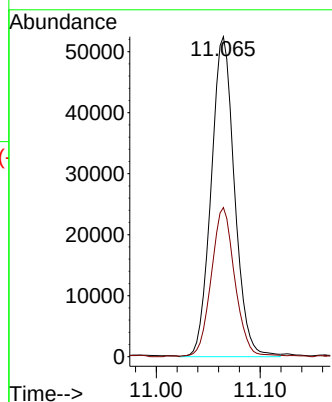
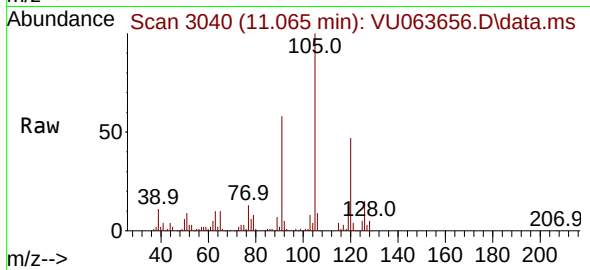
120 47.2 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#76

4-Chlorotoluene

Concen: 0.913 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063656.D

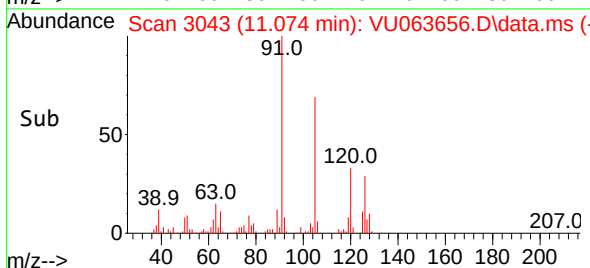
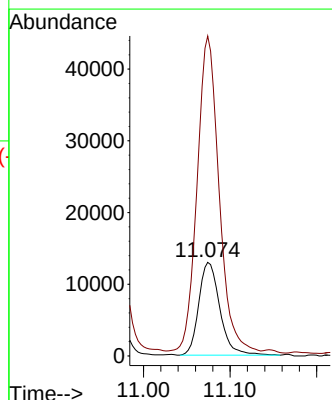
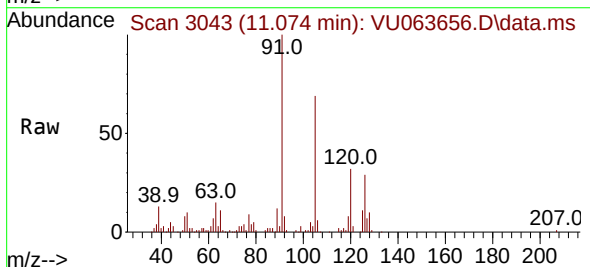
Acq: 31 Oct 2025 10:04

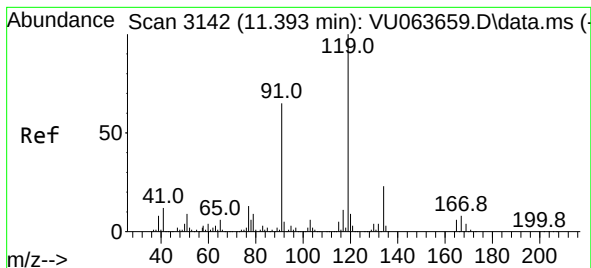
Tgt Ion:126 Resp: 21840

Ion Ratio Lower Upper

126 100

91 351.3 0.0 716.6





#77

tert-Butylbenzene

Concen: 1.014 ug/l

RT: 11.396 min Scan# 3142

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

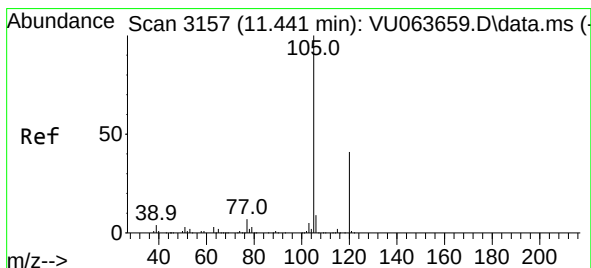
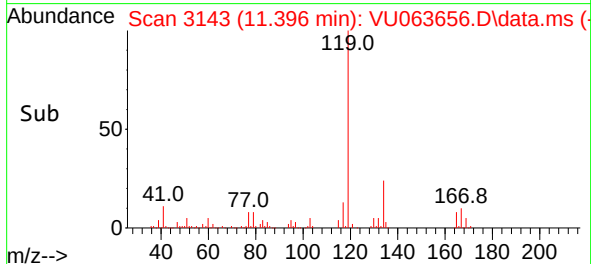
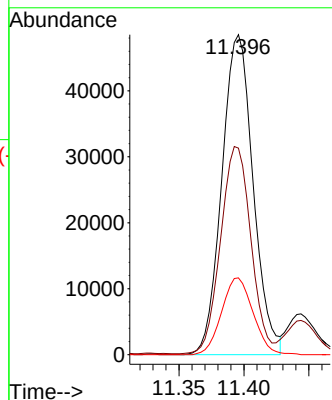
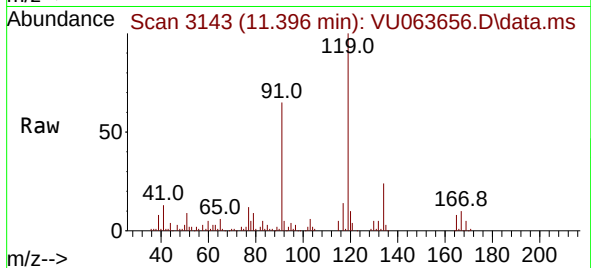
Tgt Ion:	119	Resp:	81334
Ion Ratio	Lower	Upper	
119	100		
91	62.4	31.3	93.8
134	24.1	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#78

1,2,4-Trimethylbenzene

Concen: 0.940 ug/l

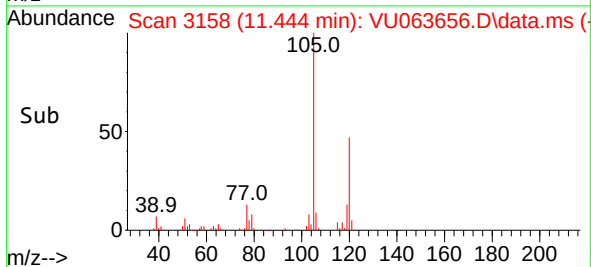
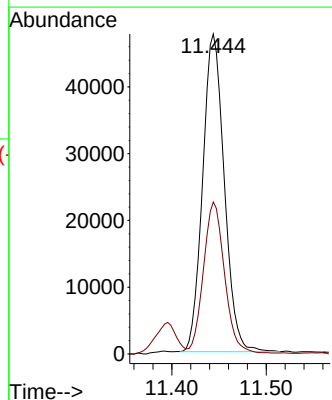
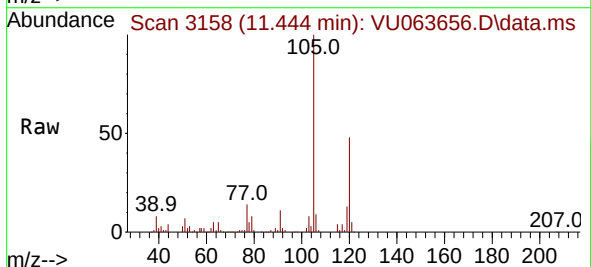
RT: 11.444 min Scan# 3158

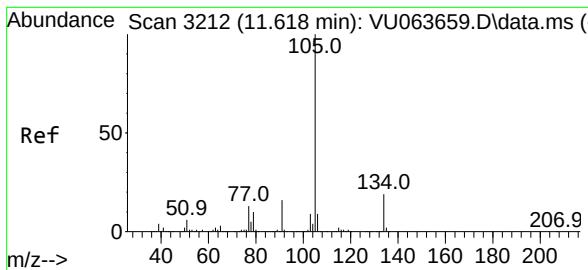
Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

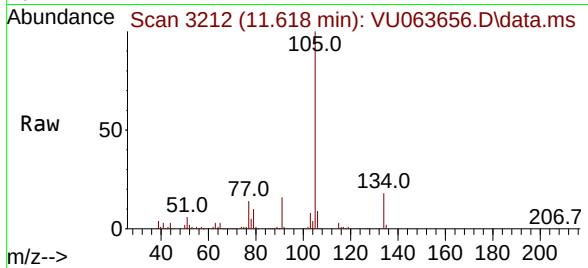
Tgt Ion:	105	Resp:	75498
Ion Ratio	Lower	Upper	
105	100		
120	46.6	22.4	67.0





#79
 sec-Butylbenzene
 Concen: 0.964 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04

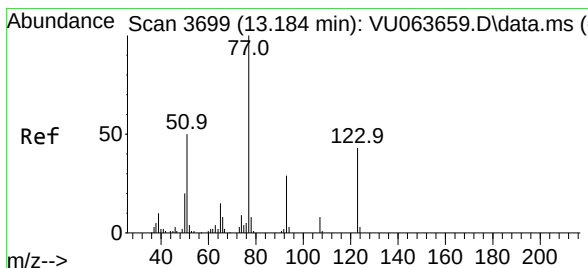
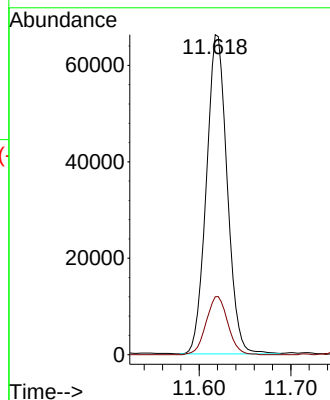
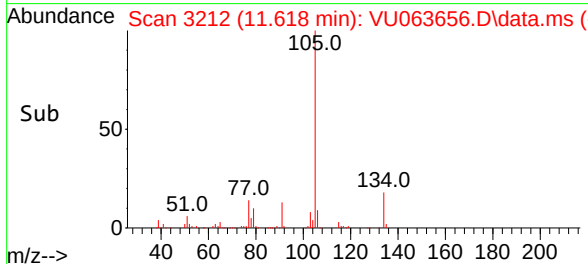
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



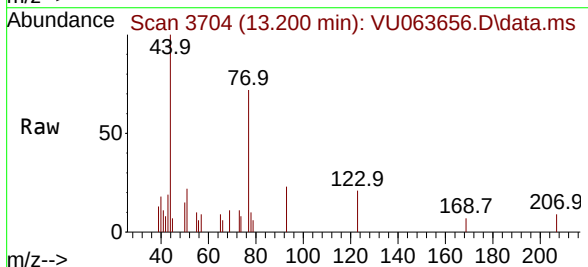
Tgt Ion:105 Resp: 10426
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.7 23.5

Manual Integrations
 APPROVED

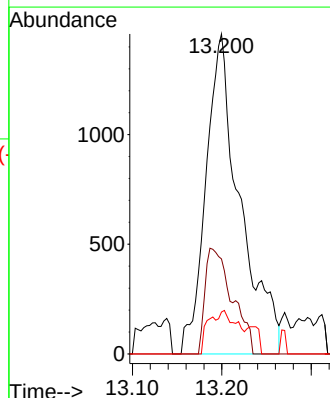
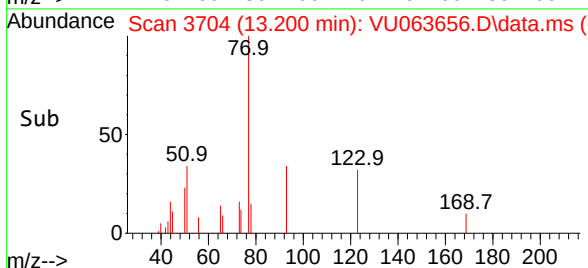
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

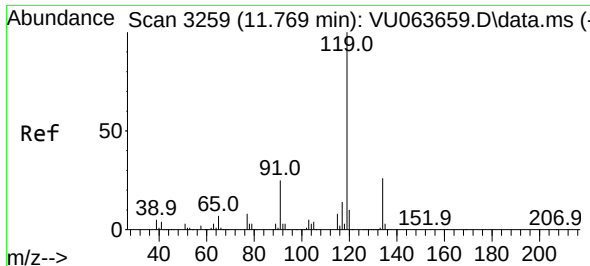


#80
 Nitrobenzene
 Concen: 11.484 ug/l m
 RT: 13.200 min Scan# 3704
 Delta R.T. 0.016 min
 Lab File: VU063656.D
 Acq: 31 Oct 2025 10:04



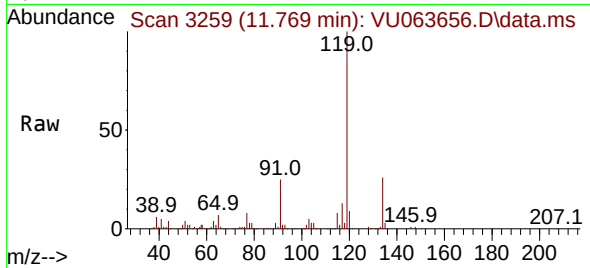
Tgt Ion: 77 Resp: 3864
 Ion Ratio Lower Upper
 77 100
 123 26.3 18.2 64.4
 65 11.3 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 0.964 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

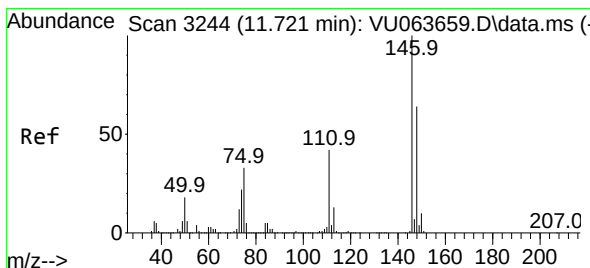
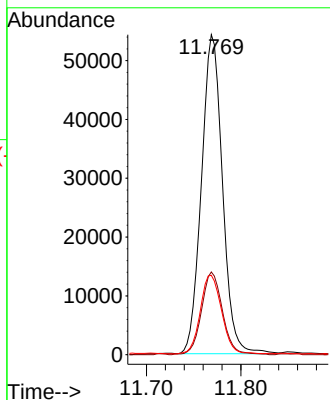
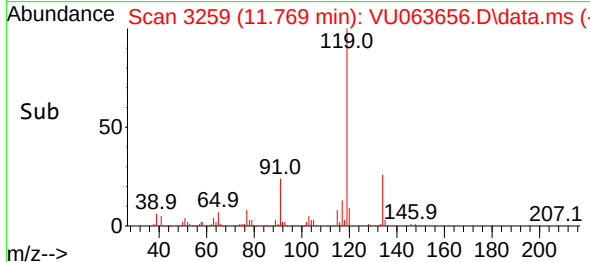
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



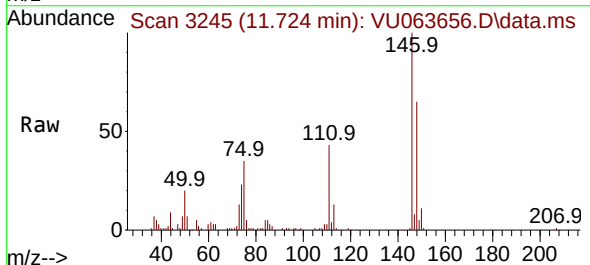
Tgt Ion:119 Resp: 83889
Ion Ratio Lower Upper
119 100
134 25.8 20.3 30.5
91 24.9 20.1 30.1

Manual Integrations
APPROVED

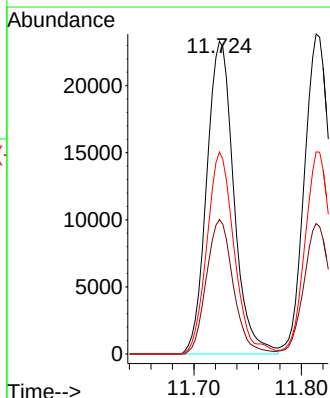
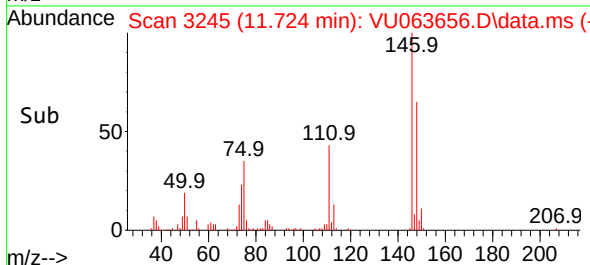
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

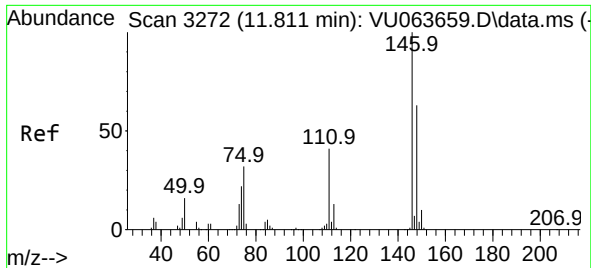


#82
1,3-Dichlorobenzene
Concen: 0.900 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



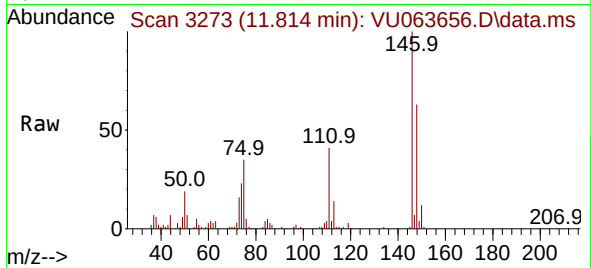
Tgt Ion:146 Resp: 40986
Ion Ratio Lower Upper
146 100
111 42.5 33.8 50.8
148 64.8 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 0.888 ug/l
RT: 11.814 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

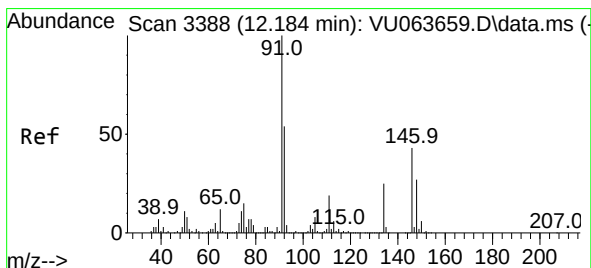
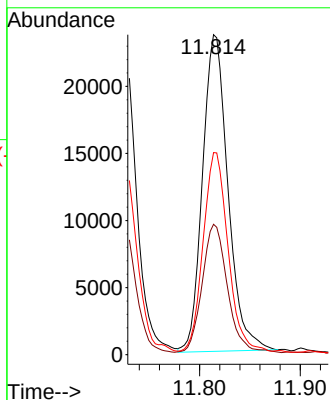
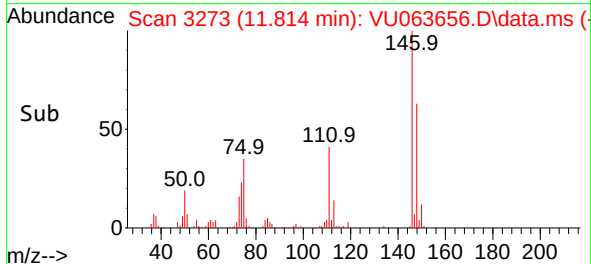
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



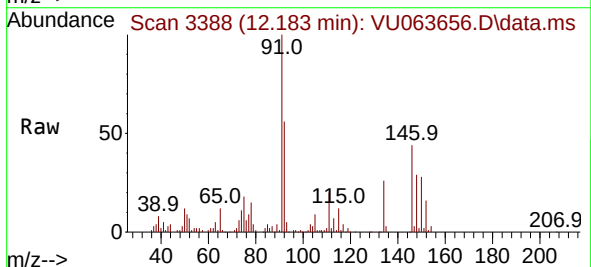
Tgt Ion:146 Resp: 41518
Ion Ratio Lower Upper
146 100
111 40.7 33.0 49.4
148 61.6 50.6 76.0

Manual Integrations
APPROVED

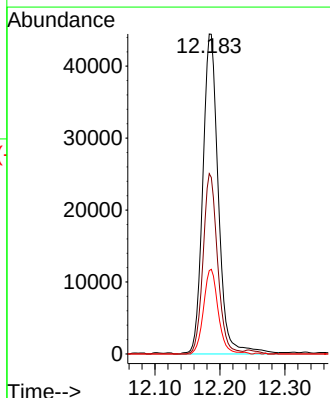
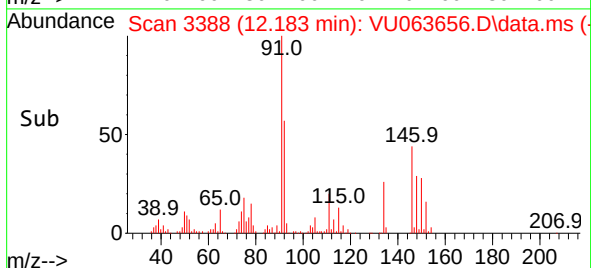
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

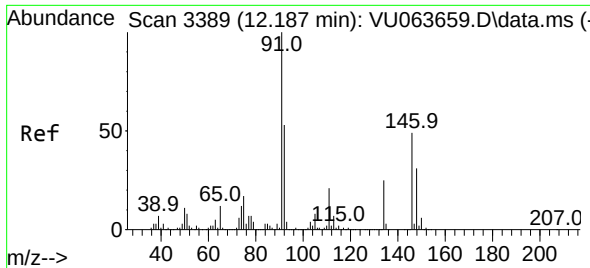


#84
n-Butylbenzene
Concen: 0.914 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04



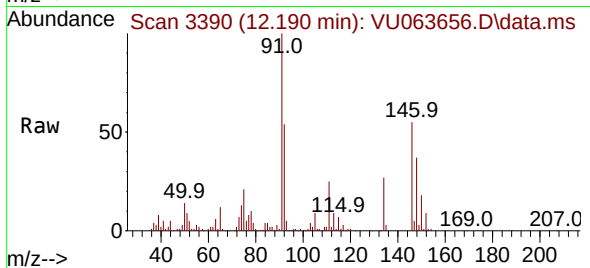
Tgt Ion: 91 Resp: 74328
Ion Ratio Lower Upper
91 100
92 52.5 43.1 64.7
134 25.0 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 0.883 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

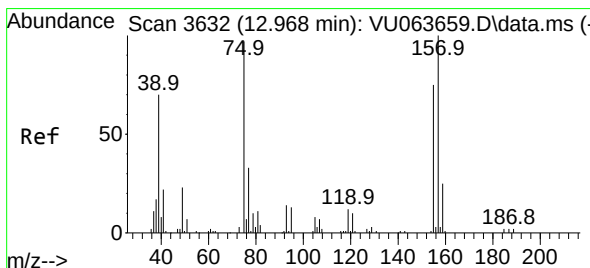
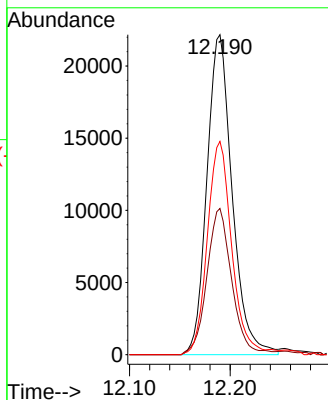
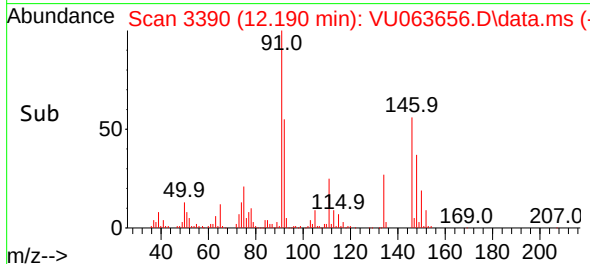
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 3871
Ion Ratio Lower Upper
146 100
111 44.8 22.2 66.6
148 64.8 31.9 95.5

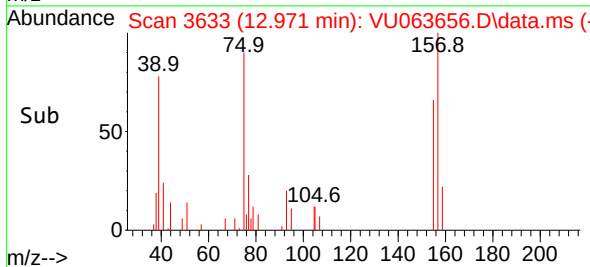
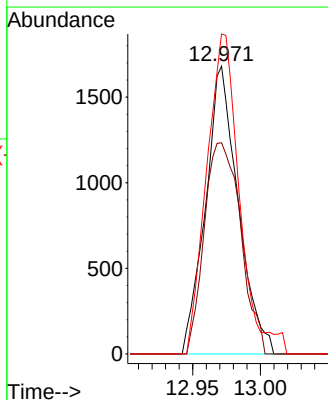
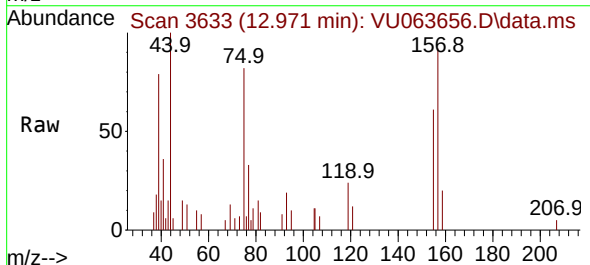
Manual Integrations
APPROVED

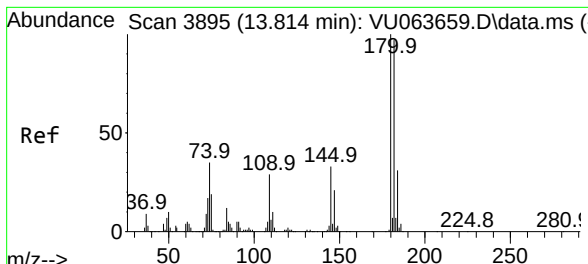
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.024 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

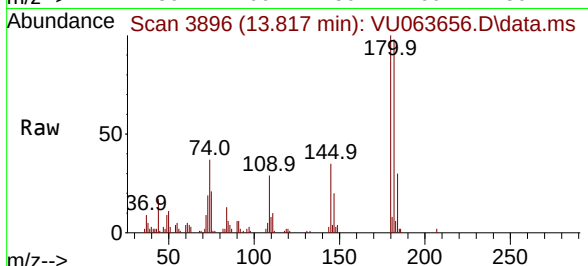
Tgt Ion: 75 Resp: 2813
Ion Ratio Lower Upper
75 100
155 81.8 62.2 93.4
157 111.7 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 0.850 ug/l
RT: 13.817 min Scan# 3895
Delta R.T. 0.003 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

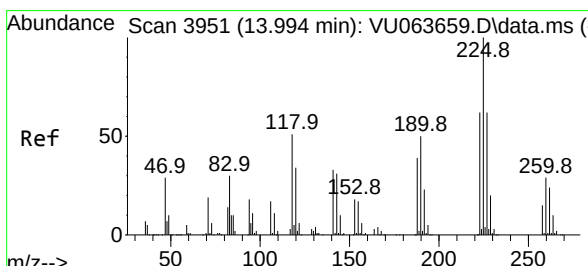
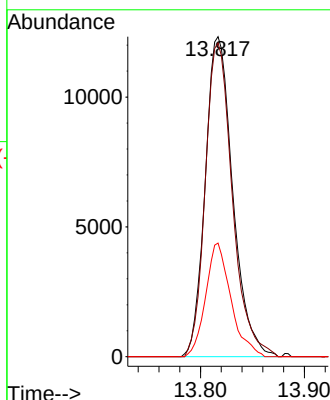
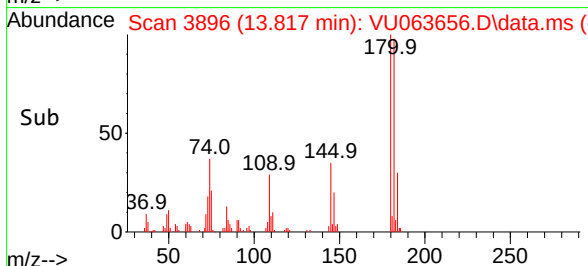
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 2271
Ion Ratio Lower Upper
180 100
182 96.6 76.4 114.6
145 32.5 26.2 39.2

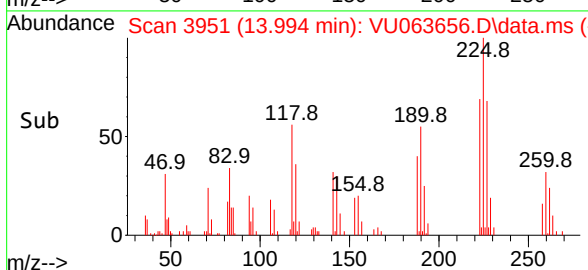
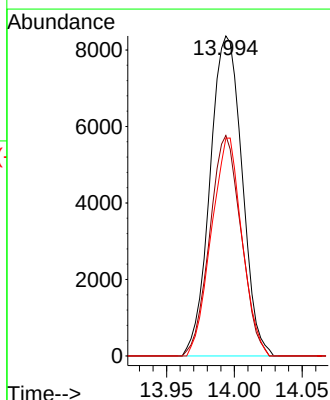
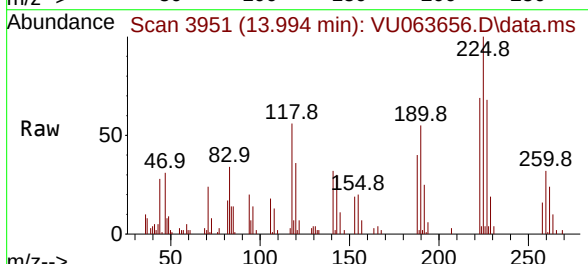
Manual Integrations
APPROVED

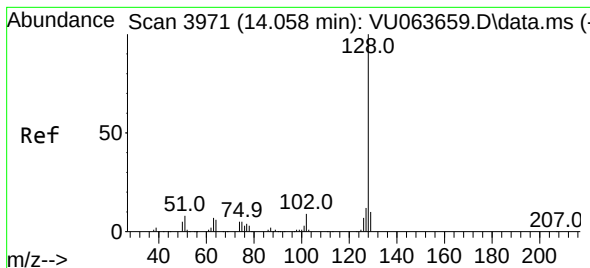
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#88
Hexachlorobutadiene
Concen: 0.836 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063656.D
Acq: 31 Oct 2025 10:04

Tgt Ion:225 Resp: 13731
Ion Ratio Lower Upper
225 100
223 67.2 50.2 75.4
227 65.2 50.0 75.0





#89

Naphthalene

Concen: 0.899 ug/l

RT: 14.068 min Scan# 3971

Delta R.T. 0.009 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

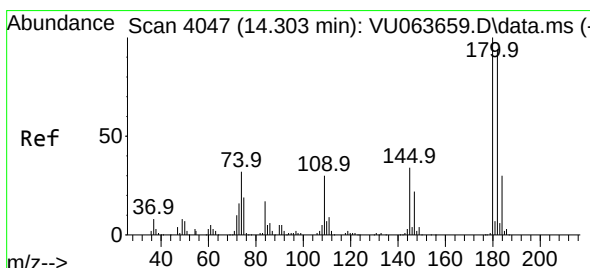
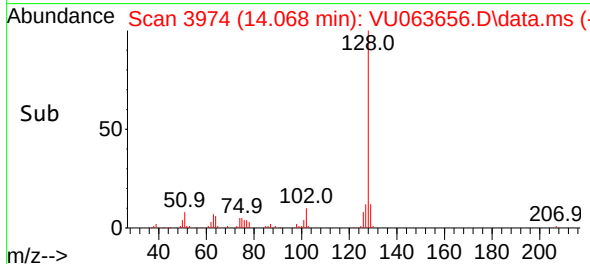
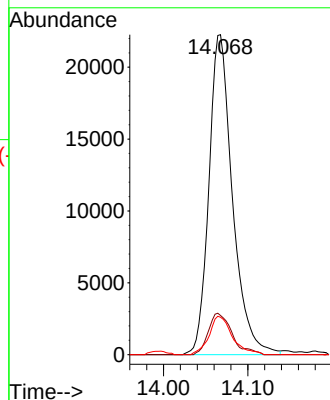
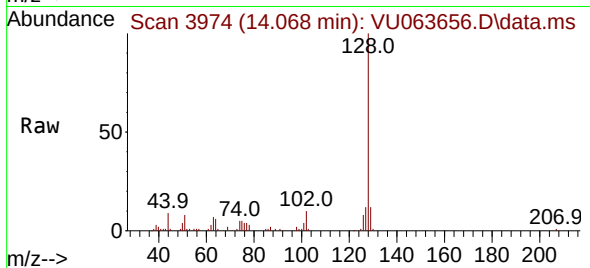
Tgt Ion:	128	Resp:	43400
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.812 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063656.D

Acq: 31 Oct 2025 10:04

Tgt Ion:	180	Resp:	20495
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.4	113.0
145	35.5	27.4	41.2

