

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063657.D
 Acq On : 31 Oct 2025 10:35
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 00:13:38 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	57467	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	27890	1.252	ug/l	0.00
Spiked Amount 1.000			Recovery	=	125.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	24401	1.100	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	46263	2.366	ug/l	100
3) Chloromethane	1.509	50	43065	2.278	ug/l	100
4) Vinyl Chloride	1.589	62	44111	2.164	ug/l	98
5) Bromomethane	1.830	94	25469	2.035	ug/l	91
6) Chloroethane	1.911	64	25924	1.992	ug/l	98
7) Trichlorofluoromethane	2.116	101	65399	2.196	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	33257	2.000	ug/l	97
9) 1,1-Dichloroethene	2.554	96	32305	2.129	ug/l	100
10) Iodomethane	2.695	142	45695	2.076	ug/l	99
11) Allyl Chloride	2.894	41	52359	2.102	ug/l	99
12) Acrylonitrile	3.287	53	16463	3.674	ug/l	91
13) Acetone	2.605	43	71156	10.670	ug/l	97
14) Carbon Disulfide	2.763	76	92517	2.765	ug/l	98
15) Methylene Chloride	3.013	84	41362	2.085	ug/l	99
16) trans-1,2-Dichloroethene	3.322	96	36784	2.254	ug/l	96
17) 1,1-Dichloroethane	3.830	63	71945	1.976	ug/l	100
18) 2-Butanone	4.692	43	72751	9.796	ug/l	99
19) Cyclohexane	5.345	56	53480	1.844	ug/l	97
20) Methylcyclohexane	6.724	83	70988	2.546	ug/l	98
21) 2,2-Dichloropropane	4.628	77	62871	2.263	ug/l	100
22) cis-1,2-Dichloroethene	4.631	96	40721	2.061	ug/l	98
23) Diethyl Ether	2.357	59	27279	2.040	ug/l	98
24) tert-Butyl Alcohol	3.168	59	59030	31.986	ug/l #	93
25) Methyl tert-Butyl Ether	3.341	73	96490	2.130	ug/l	99
26) Bromochloromethane	4.936	128	17377	2.168	ug/l	97
27) Chloroform	5.052	83	72439	1.985	ug/l	96
28) 1,1,1-Trichloroethane	5.277	97	63007	2.197	ug/l	99
29) 1,1-Dichloropropene	5.486	75	53685	2.030	ug/l	99
30) Carbon Tetrachloride	5.483	117	50911	2.379	ug/l	98
31) Isopropyl Ether	3.972	45	114736	1.893	ug/l	100
32) Ethyl-t-butyl ether	4.480	59	111398	2.110	ug/l	100
33) Tert-Amyl methyl ether	5.923	73	94530	2.089	ug/l	99
34) Propionitrile	4.753	54	15507	9.155	ug/l #	93
35) Benzene	5.737	78	154212	2.048	ug/l	97
36) 1,2-Dichloroethane	5.763	62	49483	1.952	ug/l	99
37) Trichloroethene	6.508	130	45213	2.376	ug/l	97
38) 1,2-Dichloropropane	6.762	63	43070	2.168	ug/l	100
39) Methacrylonitrile	4.952	41	15422	1.930	ug/l #	89
40) Methyl acrylate	4.824	55	20567	1.876	ug/l	97
41) Tetrahydrofuran	5.042	42	13316	3.209	ug/l	92
42) 1-Chlorobutane	5.422	56	73221	1.987	ug/l	94
43) Dibromomethane	6.891	93	23190	2.359	ug/l	98
44) Bromodichloromethane	7.078	83	54373	2.546	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

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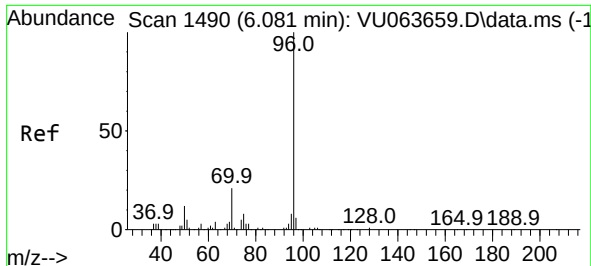
Manual Integrations
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Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

Quant Time: Nov 03 00:13:38 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

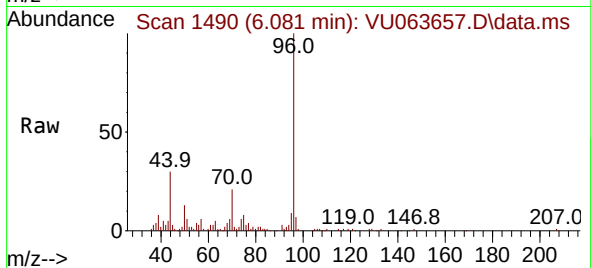
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	137021	11.223	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	19930m	4.445	ug/l	
47) Methyl methacrylate	6.946	69	41398	4.659	ug/l	97
48) Ethyl methacrylate	8.315	69	42581	2.547	ug/l	99
49) Toluene	7.942	92	102778	2.431	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	46695	2.829	ug/l	99
51) cis-1,3-Dichloropropene	7.582	75	57541	2.665	ug/l	98
52) 1,1,2-Trichloroethane	8.377	97	30601	2.226	ug/l	98
53) 1,3-Dichloropropane	8.550	76	52707	2.198	ug/l	97
54) 2-Hexanone	8.669	43	111649	12.119	ug/l	98
55) Dibromochloromethane	8.785	129	35242	2.553	ug/l	98
56) 1,2-Dibromoethane	8.901	107	28485	2.362	ug/l	98
58) Tetrachloroethene	8.524	164	42274	2.228	ug/l	97
59) Chlorobenzene	9.422	112	110903	2.308	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.508	131	37915	2.396	ug/l	98
61) Pentachloroethane	11.402	117	27235	2.416	ug/l	100
62) Hexachloroethane	12.447	117	29028	2.803	ug/l	99
63) Ethyl Benzene	9.547	91	202580	2.451	ug/l	99
64) m/p-Xylenes	9.669	106	150770	4.760	ug/l	98
65) o-Xylene	10.074	106	74971	2.368	ug/l	99
66) Styrene	10.090	104	120289	2.381	ug/l	99
67) Bromoform	10.264	173	19067	2.746	ug/l	97
69) Isopropylbenzene	10.460	105	182424	2.372	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.759	83	38196	2.188	ug/l	100
71) 1,2,3-Trichloropropane	10.798	75	34381m	2.555	ug/l	
72) Bromobenzene	10.759	156	43648	2.207	ug/l	94
73) n-propylbenzene	10.881	120	50527	2.290	ug/l	97
74) 2-Chlorotoluene	10.962	126	44937	2.264	ug/l	99
75) 1,3,5-Trimethylbenzene	11.065	105	168862	2.359	ug/l	99
76) 4-Chlorotoluene	11.074	126	43962	2.121	ug/l	95
77) tert-Butylbenzene	11.393	119	164831	2.371	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	161082	2.313	ug/l	99
79) sec-Butylbenzene	11.618	105	218073	2.327	ug/l	100
80) Nitrobenzene	13.190	77	6585m	22.584	ug/l	
81) p-Isopropyltoluene	11.769	119	173369	2.300	ug/l	99
82) 1,3-Dichlorobenzene	11.720	146	85593	2.168	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	84998	2.099	ug/l	99
84) n-Butylbenzene	12.183	91	152478	2.163	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	81291	2.139	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	6305	2.649	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	49004	2.116	ug/l	98
88) Hexachlorobutadiene	13.994	225	29712	2.087	ug/l	98
89) Naphthalene	14.064	128	90709	2.169	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	44738	2.046	ug/l	100

(#) = 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: VU063657.D
Acq: 31 Oct 2025 10:35

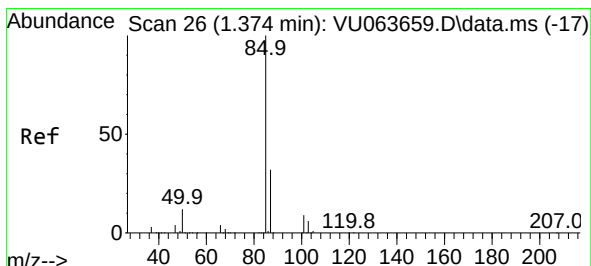
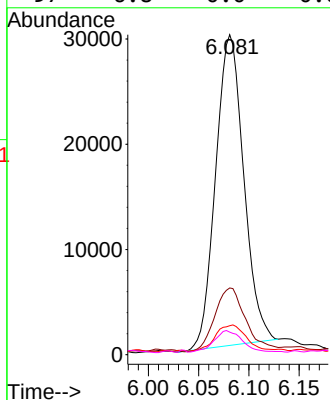
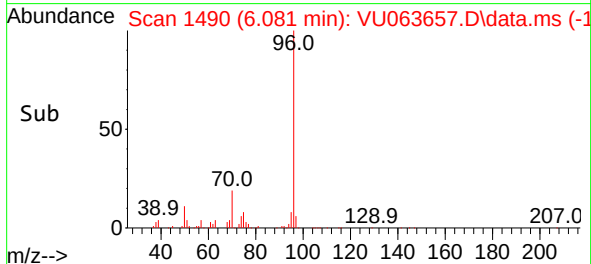
Instrument : MSVOA_U
ClientSampleId : VSTDICC002



Tgt Ion: 96 Resp: 5746
Ion Ratio Lower Upper
96 100
70 20.8 15.3 22.9
95 8.5 6.5 9.7
97 6.8 0.0 0.0#

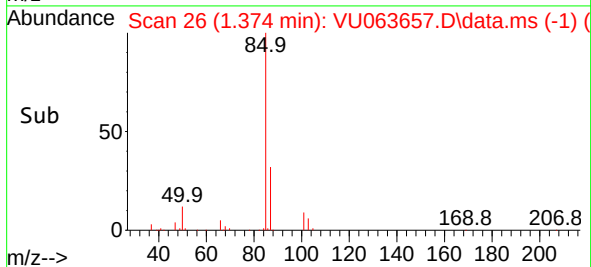
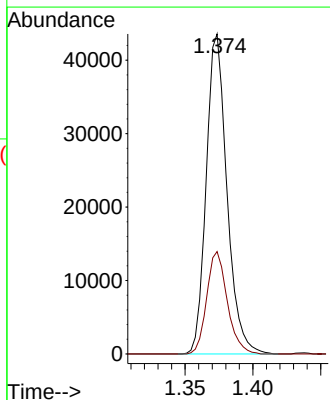
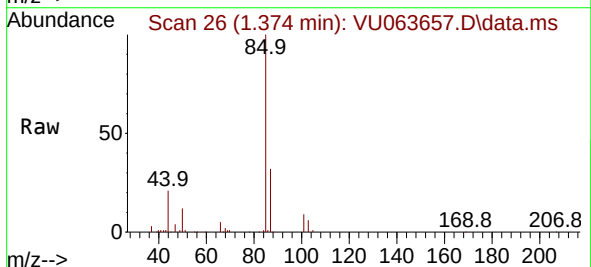
Manual Integrations
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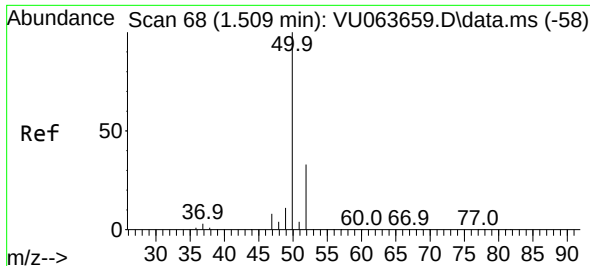
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#2
Dichlorodifluoromethane
Concen: 2.366 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

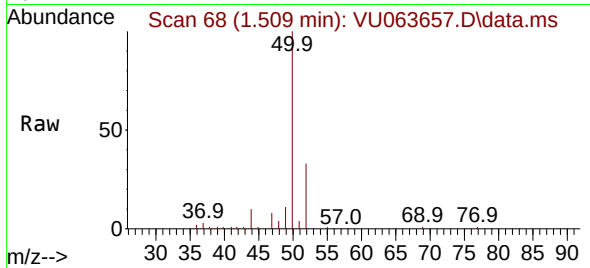
Tgt Ion: 85 Resp: 46263
Ion Ratio Lower Upper
85 100
87 32.0 16.0 47.9





#3
Chloromethane
Concen: 2.278 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

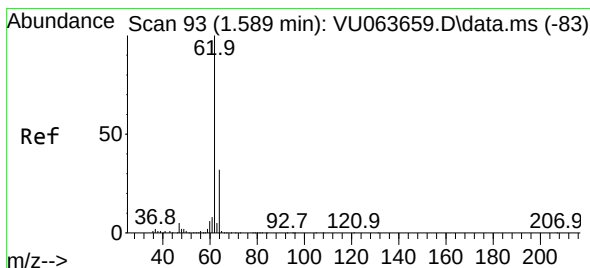
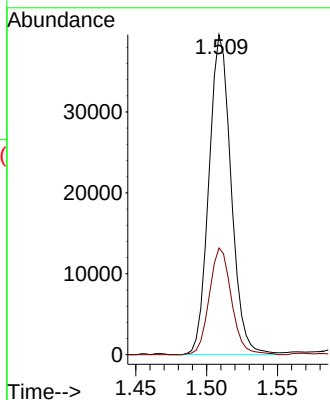
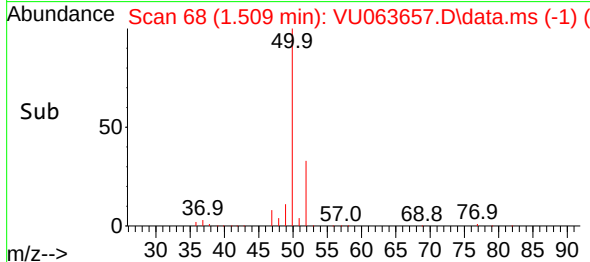
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



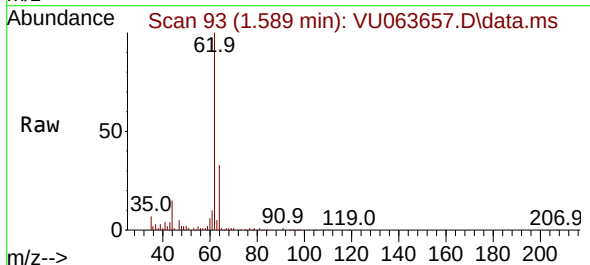
Tgt Ion: 50 Resp: 4306
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

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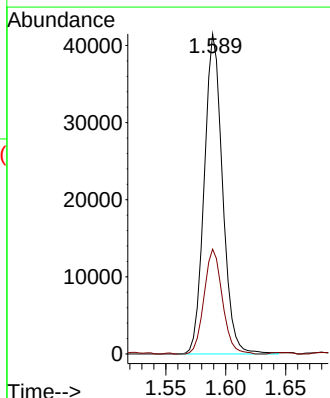
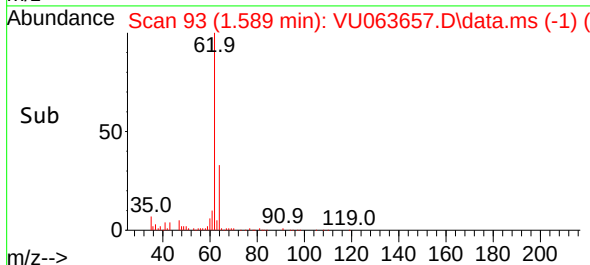
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

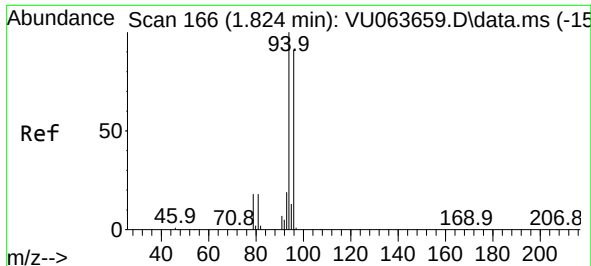


#4
Vinyl Chloride
Concen: 2.164 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



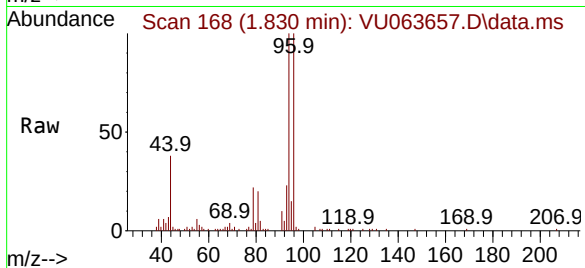
Tgt Ion: 62 Resp: 44111
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5
Bromomethane
Concen: 2.035 ug/l
RT: 1.830 min Scan# 166
Delta R.T. 0.006 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

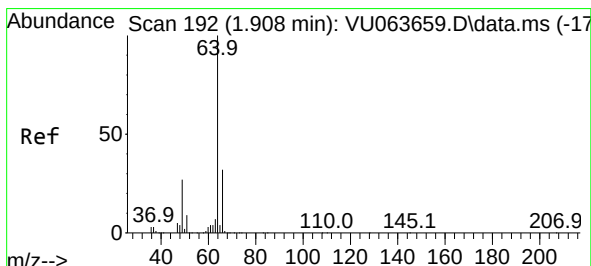
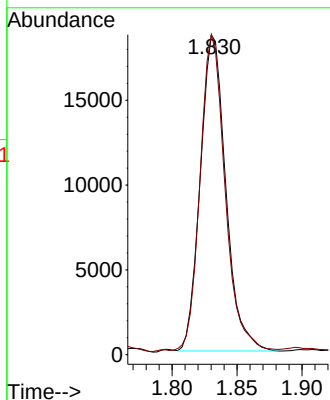
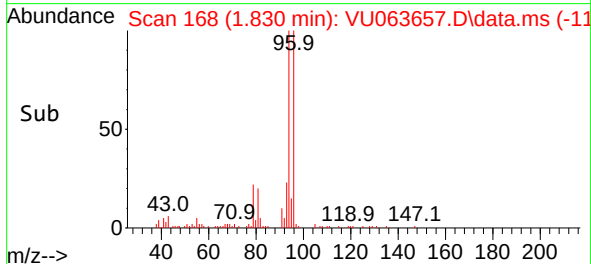
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 94 Resp: 25469
Ion Ratio Lower Upper
94 100
96 99.5 73.0 109.6

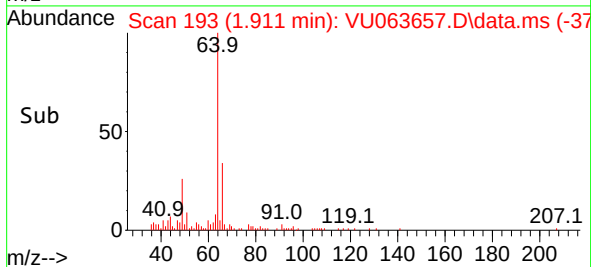
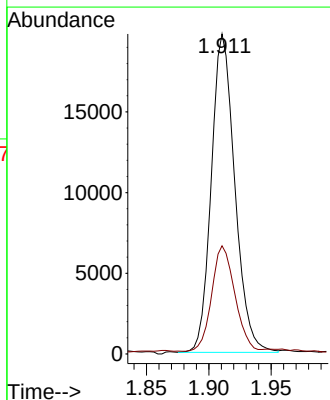
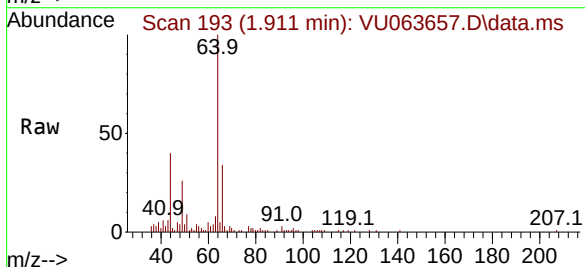
Manual Integrations
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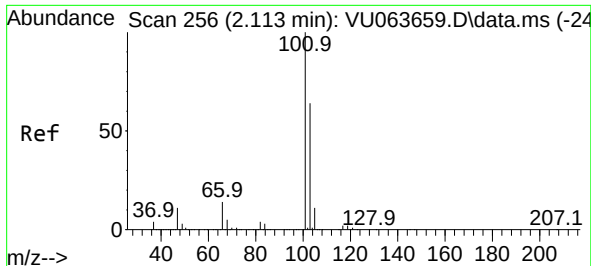
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#6
Chloroethane
Concen: 1.992 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

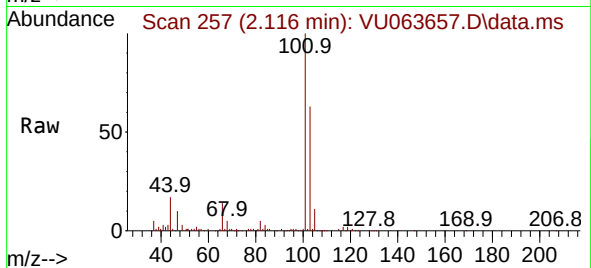
Tgt Ion: 64 Resp: 25924
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 2.196 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

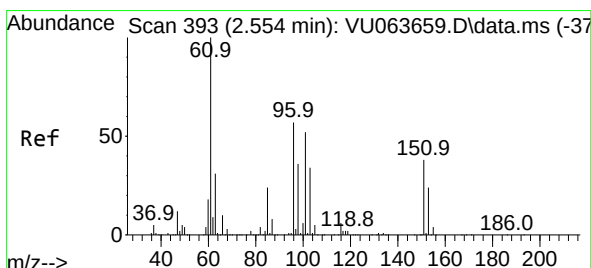
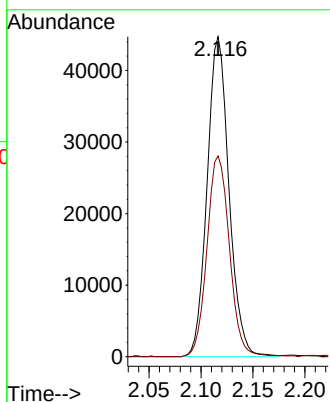
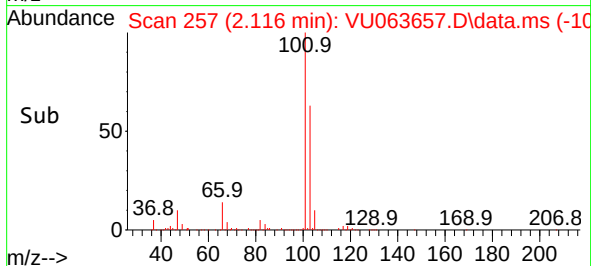
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



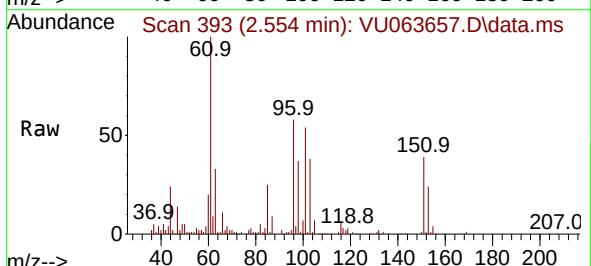
Tgt Ion:101 Resp: 65399
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.0 76.6

Manual Integrations
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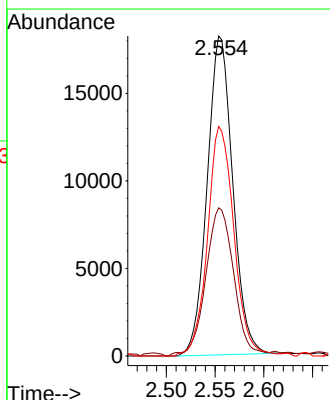
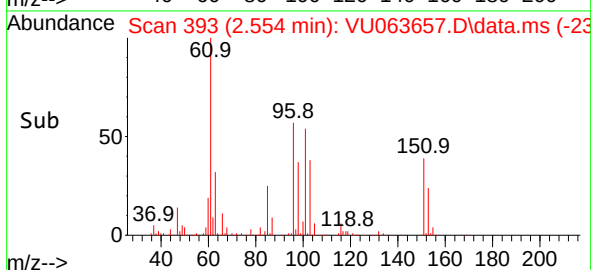
Reviewed By :Amit Patel 11/03/2025
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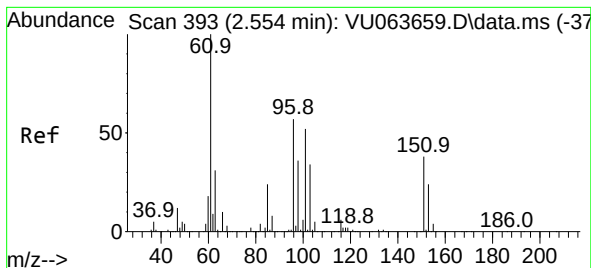


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.000 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35



Tgt Ion:101 Resp: 33257
 Ion Ratio Lower Upper
 101 100
 85 49.1 37.0 55.4
 151 73.2 57.2 85.8





#9

1,1-Dichloroethene

Concen: 2.129 ug/l

RT: 2.554 min Scan# 393

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

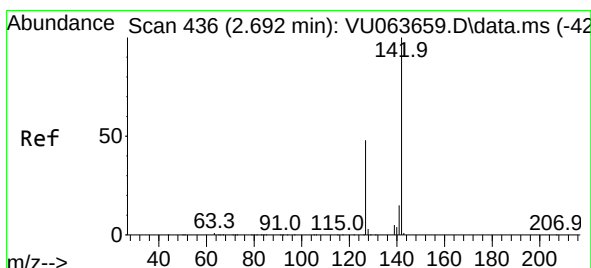
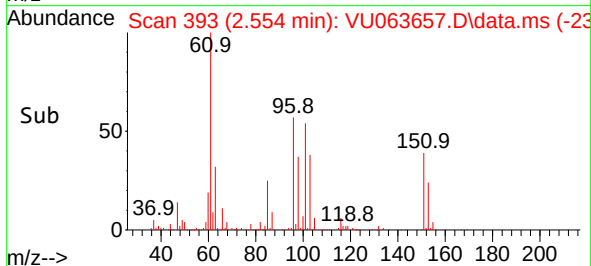
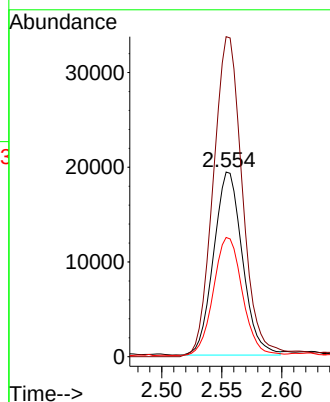
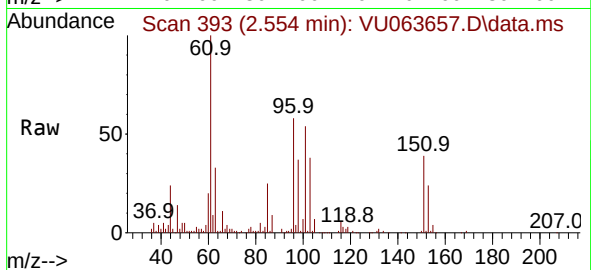
Tgt Ion:	96	Resp:	3230
Ion	Ratio	Lower	Upper
96	100		
61	174.8	0.0	524.7
98	64.4	0.0	126.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/03/2025



#10

Iodomethane

Concen: 2.076 ug/l

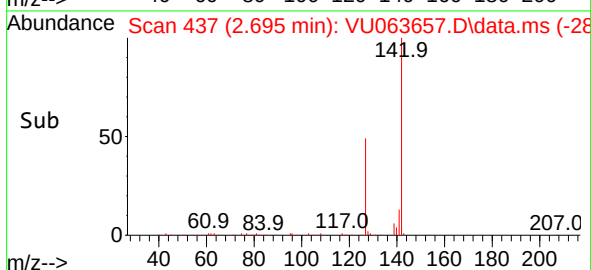
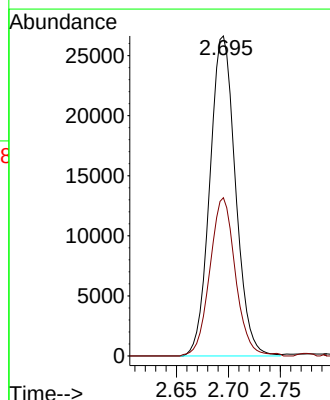
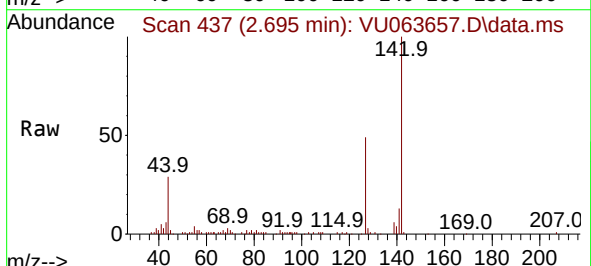
RT: 2.695 min Scan# 437

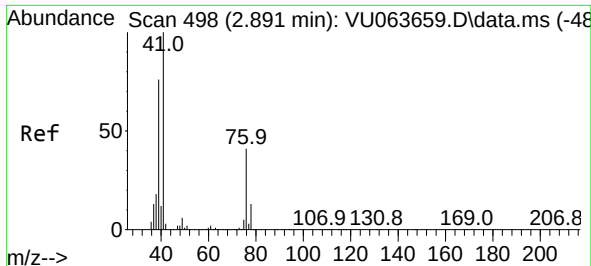
Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

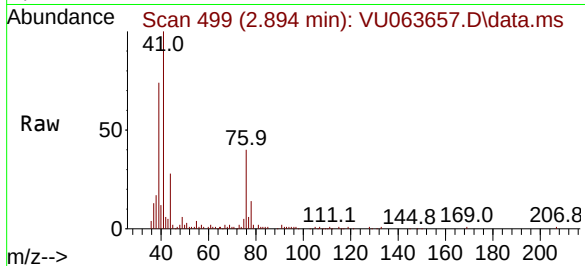
Tgt Ion:	142	Resp:	45695
Ion	Ratio	Lower	Upper
142	100		
127	49.1	38.6	58.0





#11
 Allyl Chloride
 Concen: 2.102 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

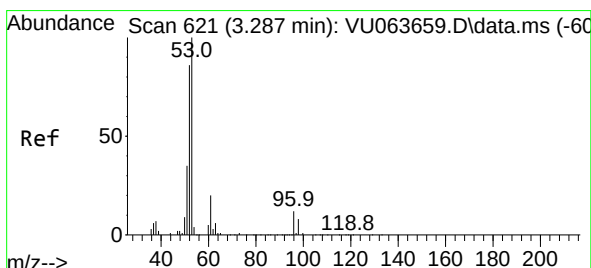
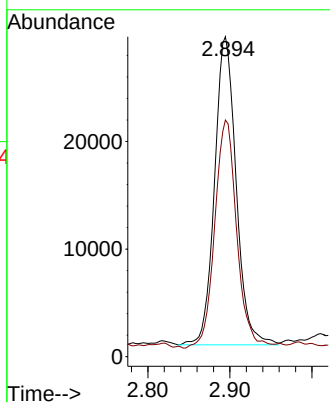
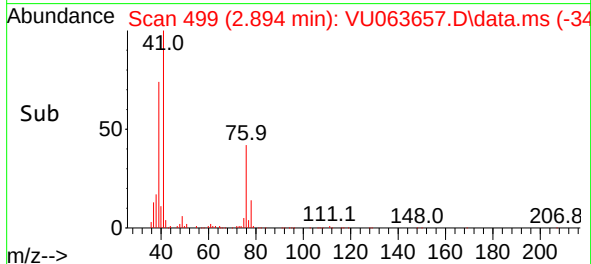
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



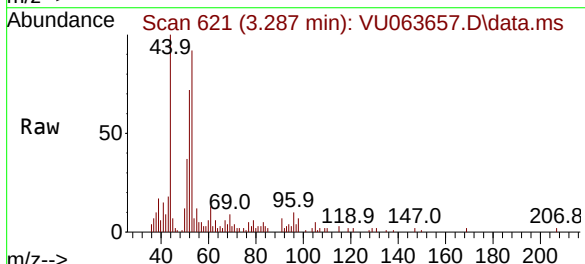
Tgt Ion: 41 Resp: 5235
 Ion Ratio Lower Upper
 41 100
 39 75.6 61.0 91.4

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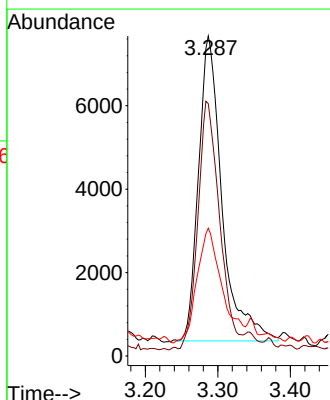
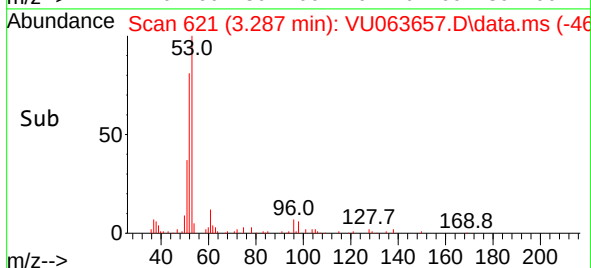
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

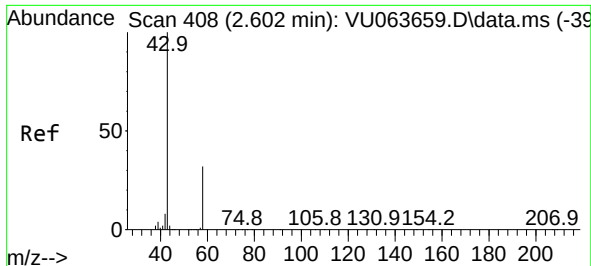


#12
 Acrylonitrile
 Concen: 3.674 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35



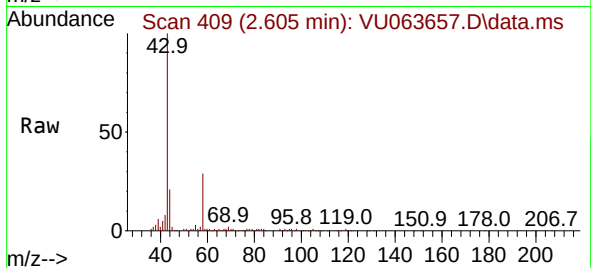
Tgt Ion: 53 Resp: 16463
 Ion Ratio Lower Upper
 53 100
 52 74.7 65.4 98.0
 51 40.4 27.6 41.4





#13
Acetone
Concen: 10.670 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

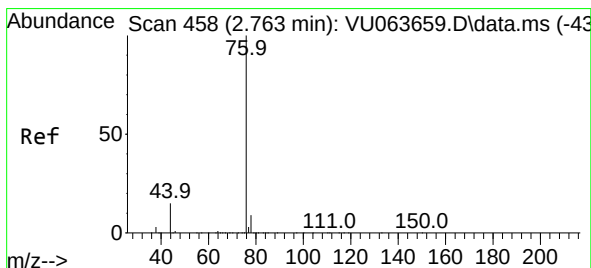
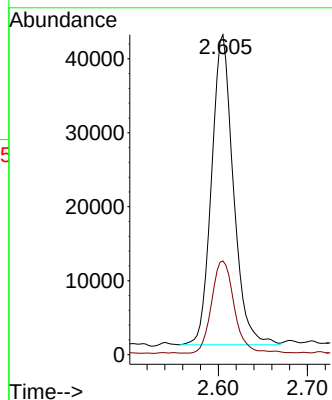
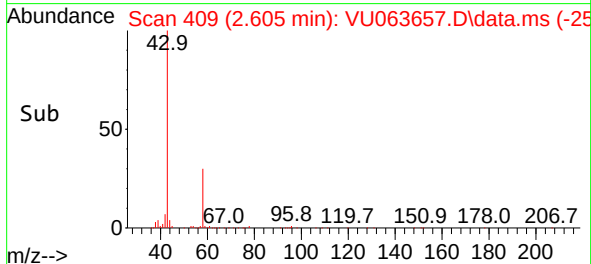
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 71150
Ion Ratio Lower Upper
43 100
58 29.7 25.2 37.8

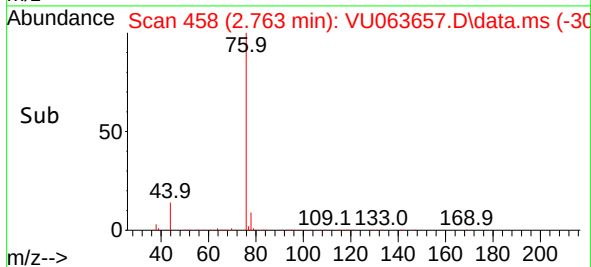
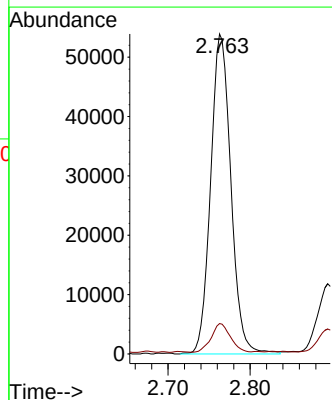
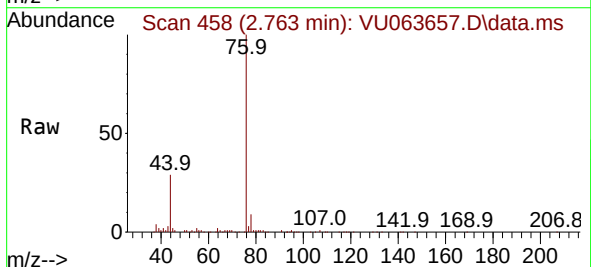
Manual Integrations
APPROVED

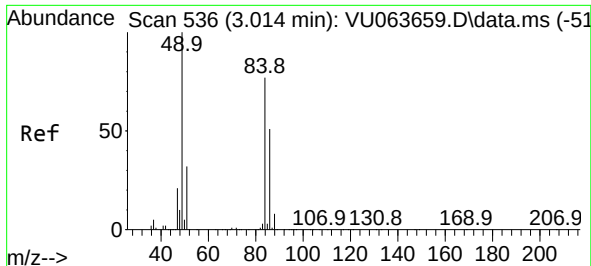
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#14
Carbon Disulfide
Concen: 2.765 ug/l
RT: 2.763 min Scan# 458
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

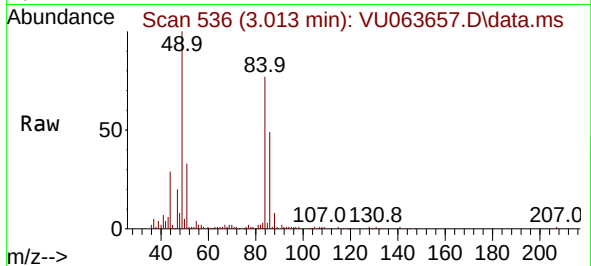
Tgt Ion: 76 Resp: 92517
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3





#15
Methylene Chloride
Concen: 2.085 ug/l
RT: 3.013 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

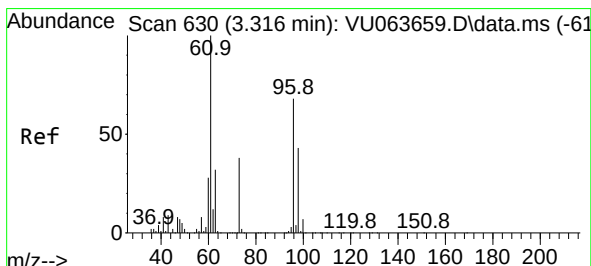
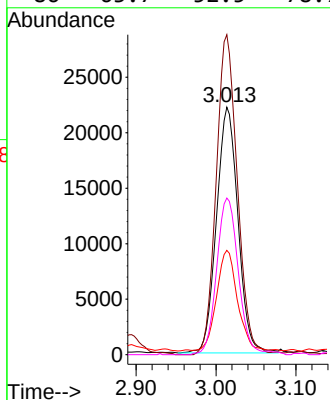
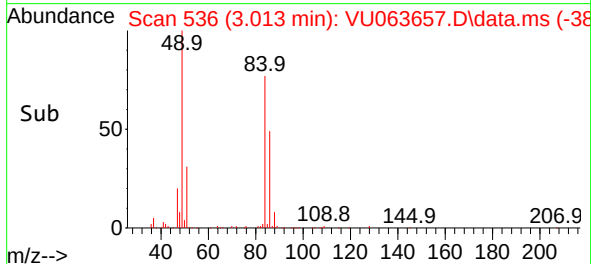
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:	84	Resp:	4136
Ion	Ratio	Lower	Upper
84	100		
49	130.2	103.4	155.0
51	41.0	0.0	81.6
86	63.7	52.5	78.7

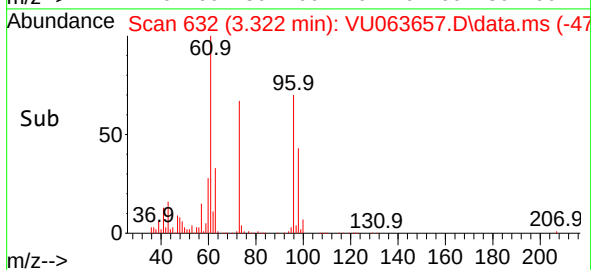
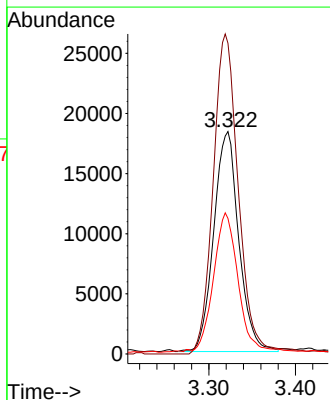
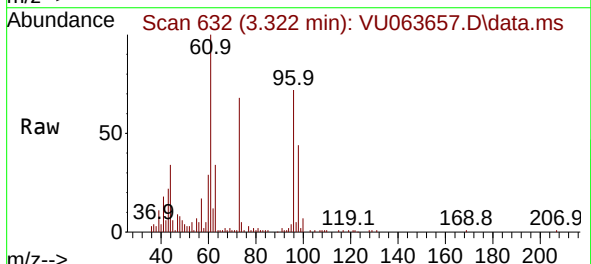
Manual Integrations
APPROVED

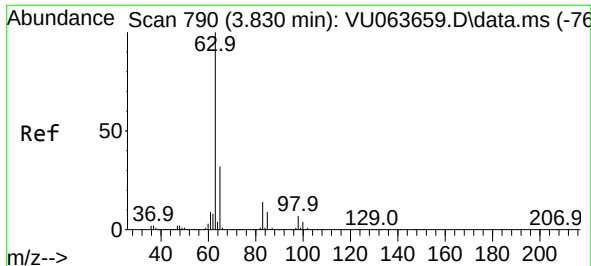
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#16
trans-1,2-Dichloroethene
Concen: 2.254 ug/l
RT: 3.322 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:	96	Resp:	36784
Ion	Ratio	Lower	Upper
96	100		
61	141.2	117.4	176.2
98	60.2	49.9	74.9





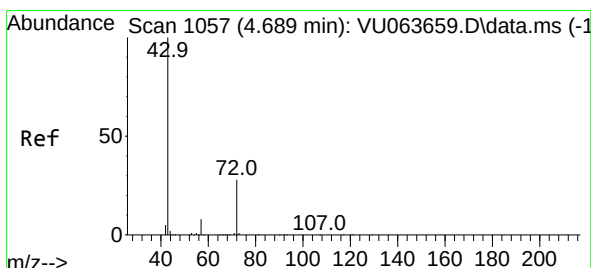
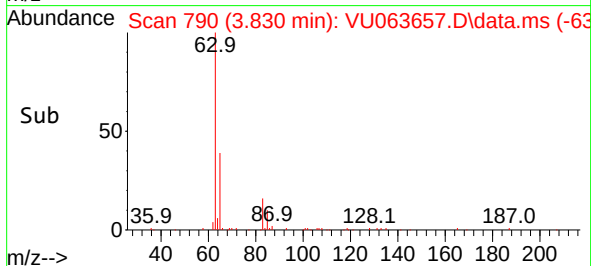
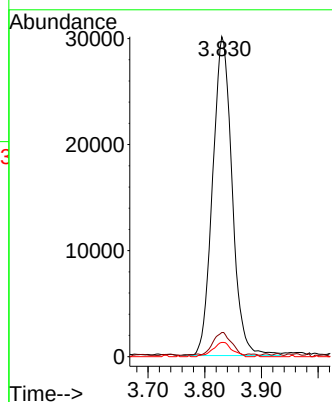
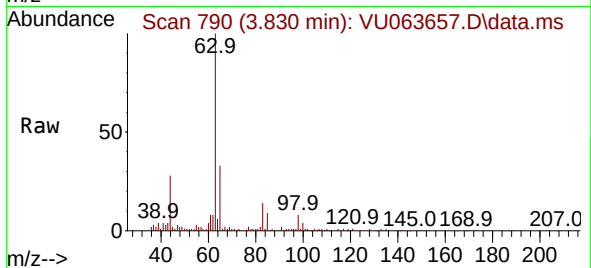
#17
1,1-Dichloroethane
Concen: 1.976 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 7194
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.5
100 4.5 2.2 6.6

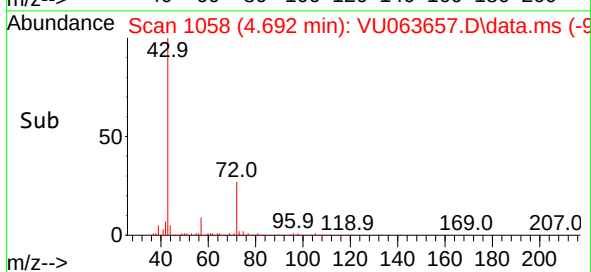
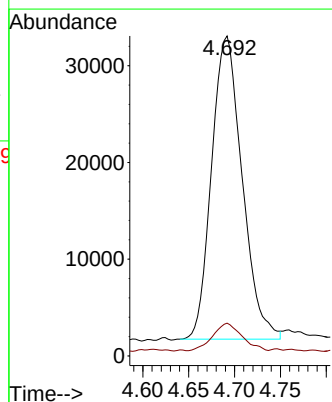
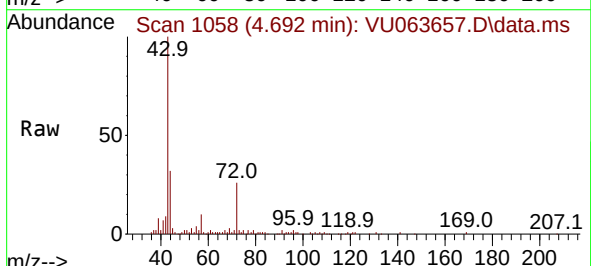
Manual Integrations
APPROVED

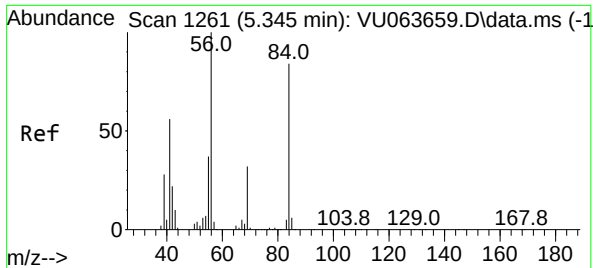
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#18
2-Butanone
Concen: 9.796 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion: 43 Resp: 72751
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





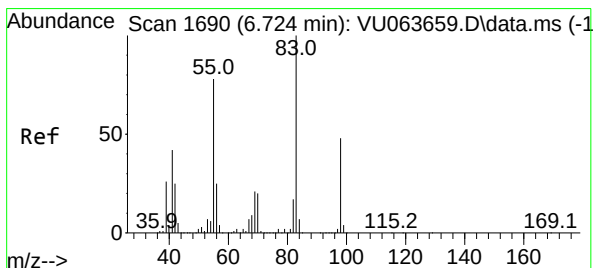
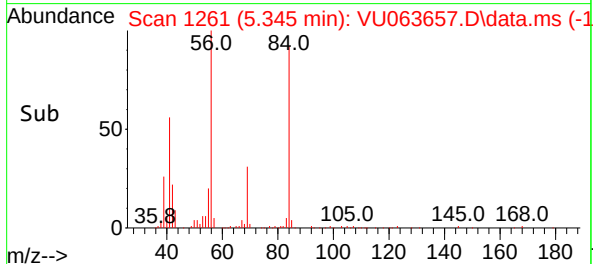
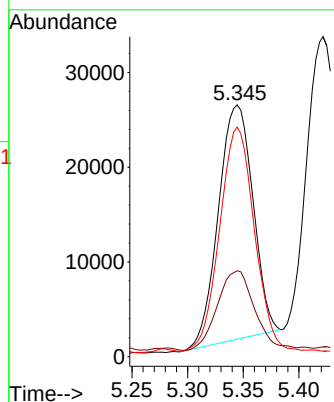
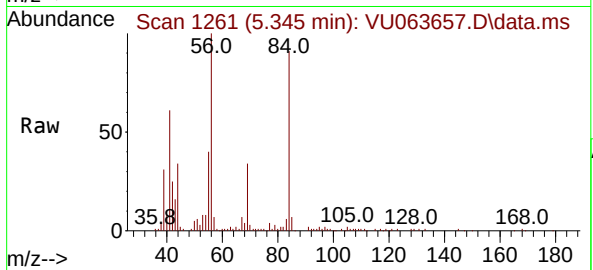
#19
Cyclohexane
Concen: 1.844 ug/l
RT: 5.345 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 56 Resp: 53480
Ion Ratio Lower Upper
56 100
69 35.1 27.1 40.7
84 95.3 73.4 110.0

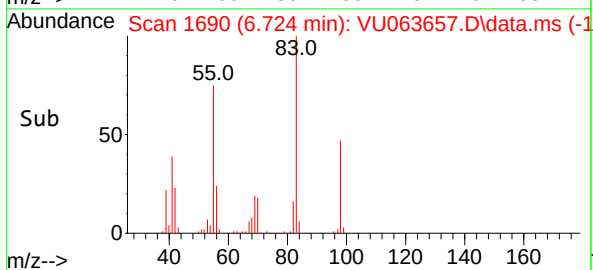
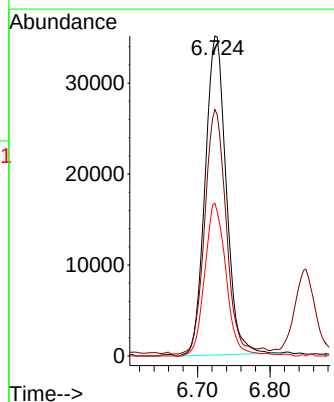
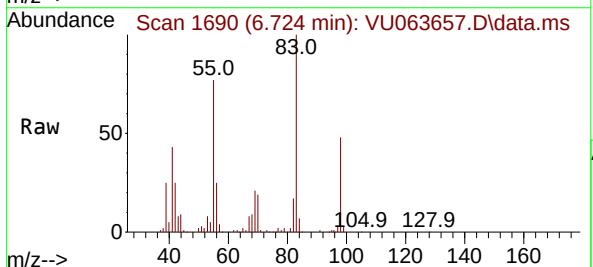
Manual Integrations
APPROVED

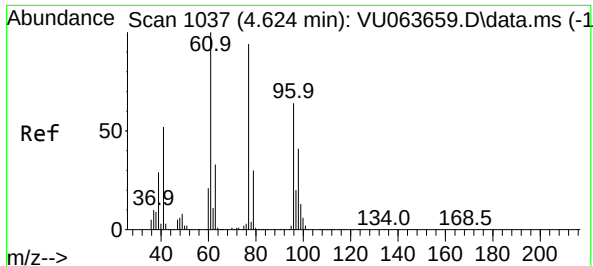
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#20
Methylcyclohexane
Concen: 2.546 ug/l
RT: 6.724 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion: 83 Resp: 70988
Ion Ratio Lower Upper
83 100
55 75.0 61.5 92.3
98 47.7 37.9 56.9





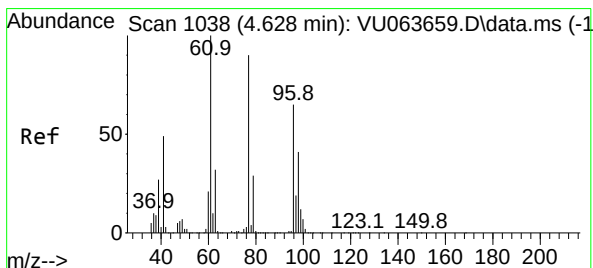
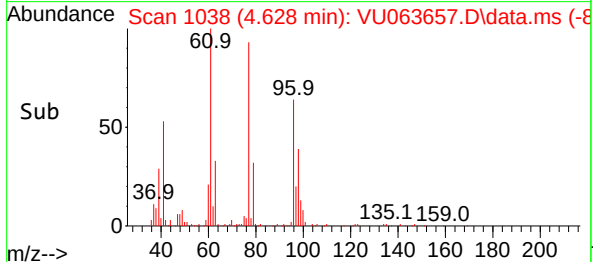
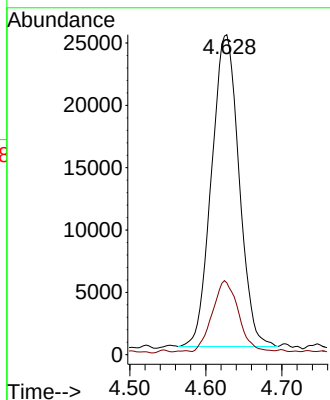
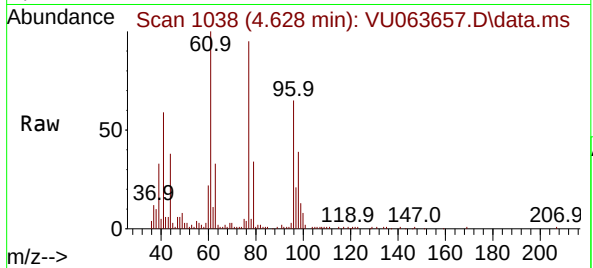
#21
2,2-Dichloropropane
Concen: 2.263 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 77 Resp: 6287
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

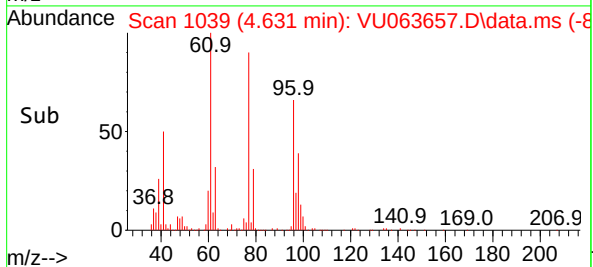
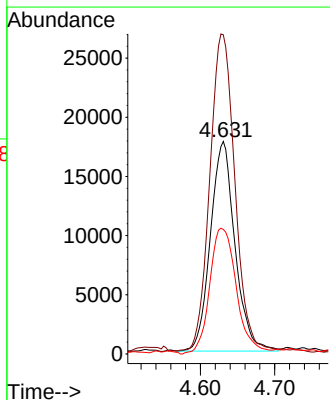
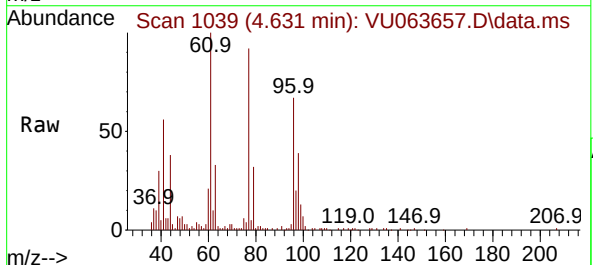
Manual Integrations
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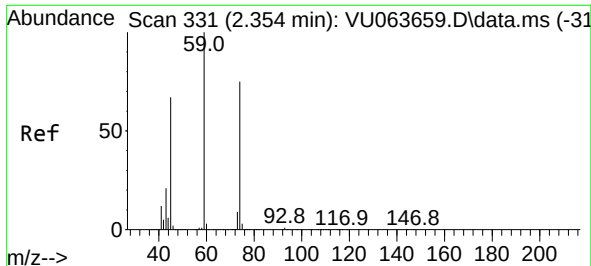
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#22
cis-1,2-Dichloroethene
Concen: 2.061 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

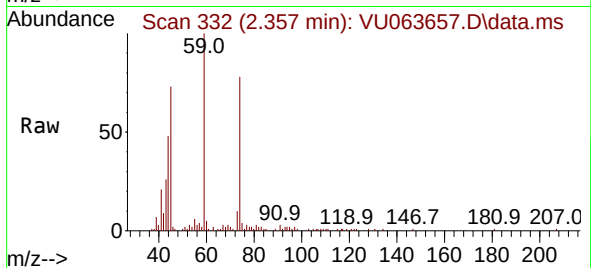
Tgt Ion: 96 Resp: 40721
Ion Ratio Lower Upper
96 100
61 153.0 0.0 385.0
98 65.4 31.3 93.9





#23
Diethyl Ether
Concen: 2.040 ug/l
RT: 2.357 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

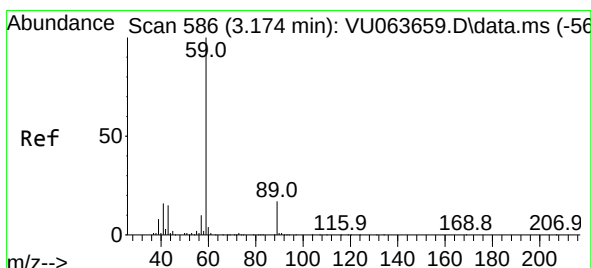
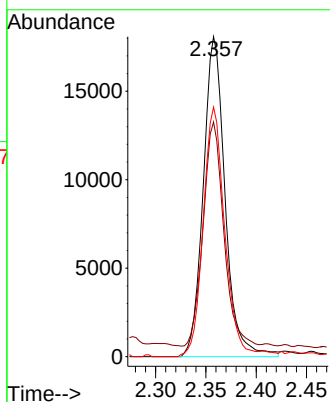
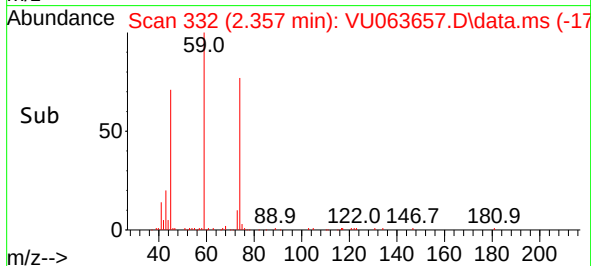
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 59 Resp: 27279
Ion Ratio Lower Upper
59 100
45 66.1 52.6 78.8
74 76.8 59.4 89.2

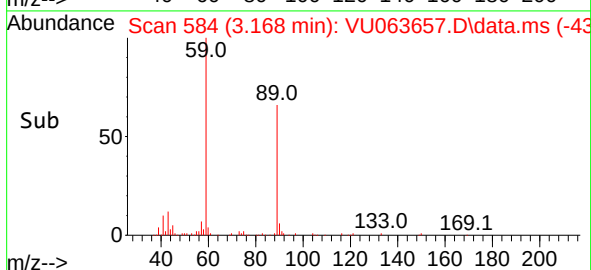
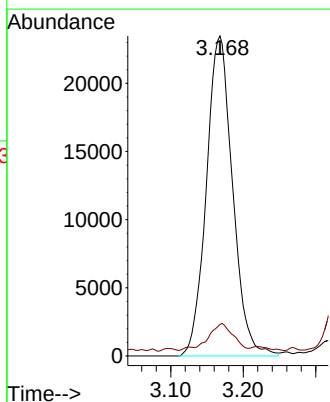
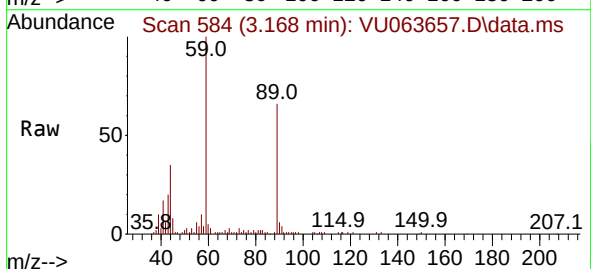
Manual Integrations
APPROVED

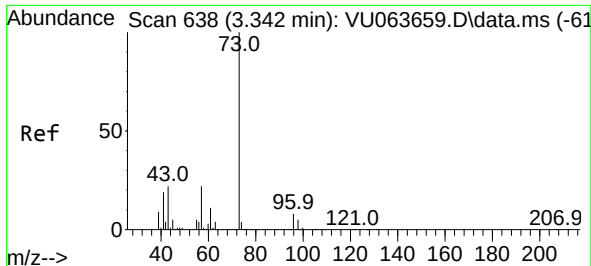
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#24
tert-Butyl Alcohol
Concen: 31.986 ug/l
RT: 3.168 min Scan# 584
Delta R.T. -0.007 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

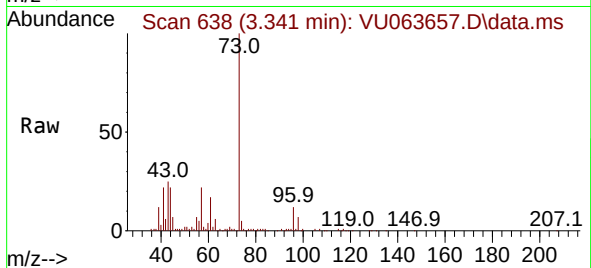
Tgt Ion: 59 Resp: 59030
Ion Ratio Lower Upper
59 100
57 6.6 7.2 10.8#





#25
Methyl tert-Butyl Ether
Concen: 2.130 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

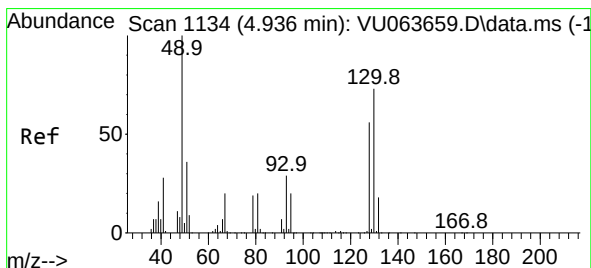
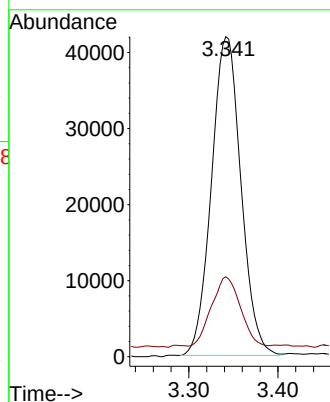
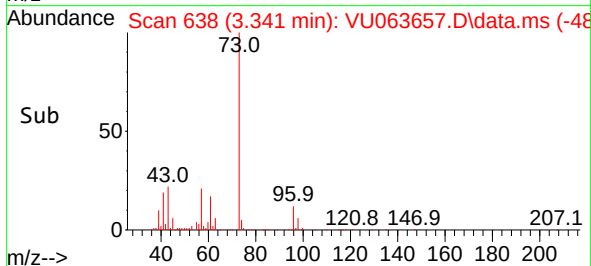
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 73 Resp: 96490
Ion Ratio Lower Upper
73 100
43 21.2 17.4 26.0

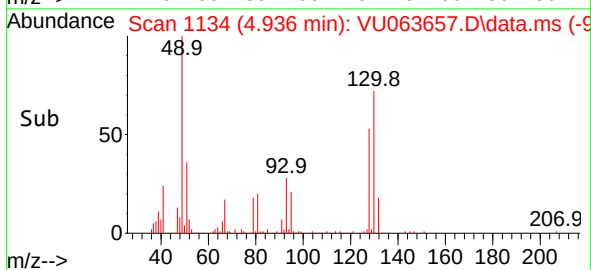
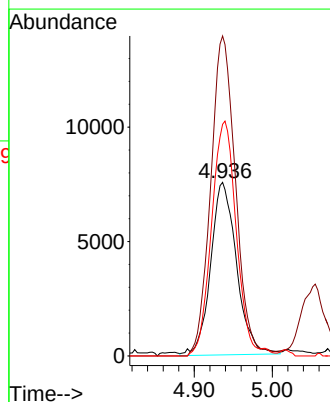
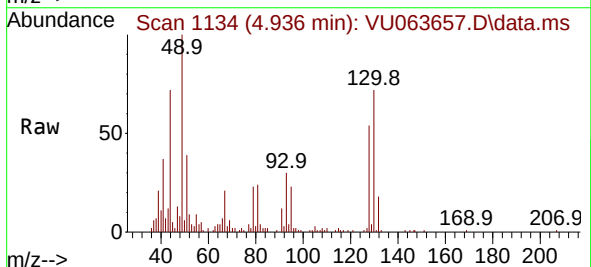
Manual Integrations
APPROVED

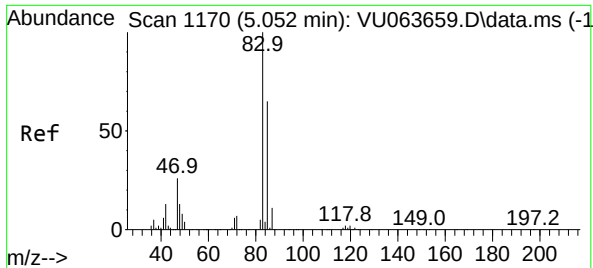
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#26
Bromochloromethane
Concen: 2.168 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

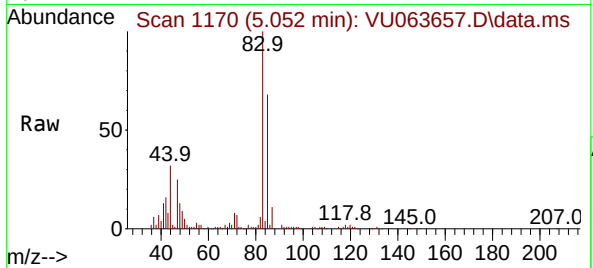
Tgt Ion:128 Resp: 17377
Ion Ratio Lower Upper
128 100
49 178.3 0.0 349.6
130 131.3 102.7 154.1





#27
Chloroform
Concen: 1.985 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

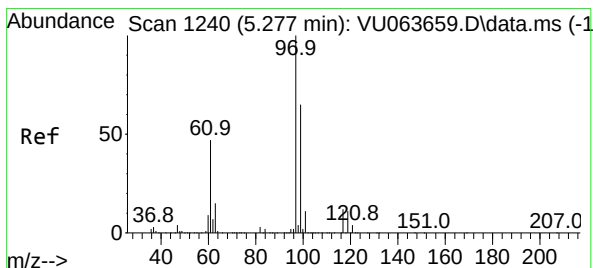
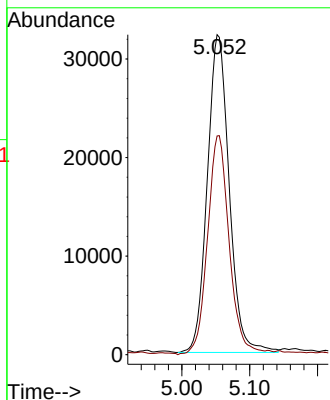
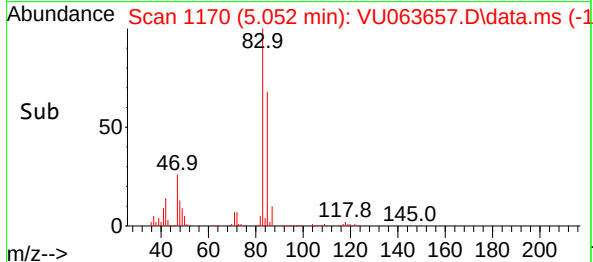
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



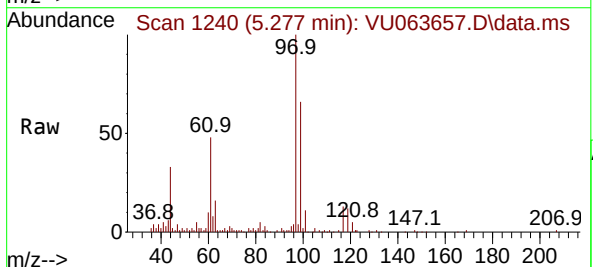
Tgt Ion: 83 Resp: 72439
Ion Ratio Lower Upper
83 100
85 68.8 0.0 130.8

Manual Integrations
APPROVED

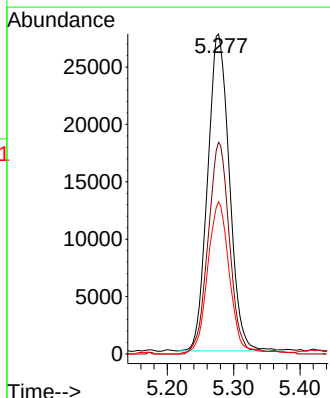
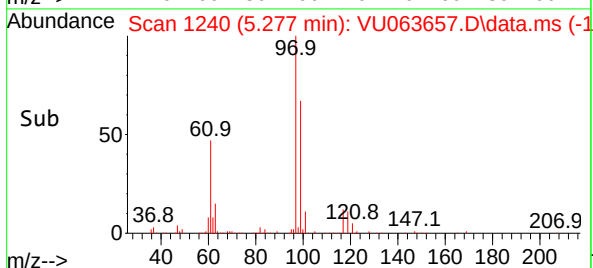
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

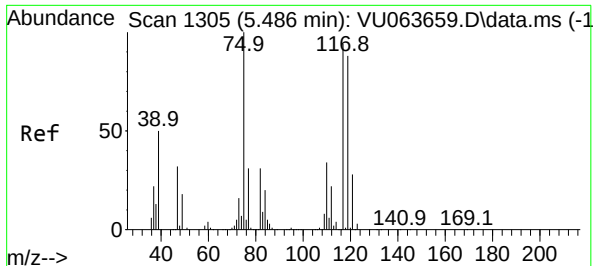


#28
1,1,1-Trichloroethane
Concen: 2.197 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



Tgt Ion: 97 Resp: 63007
Ion Ratio Lower Upper
97 100
99 65.2 32.3 96.8
61 48.0 23.3 69.8





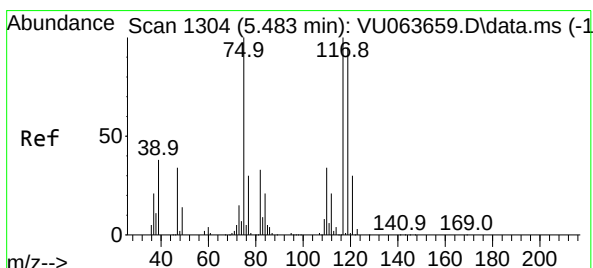
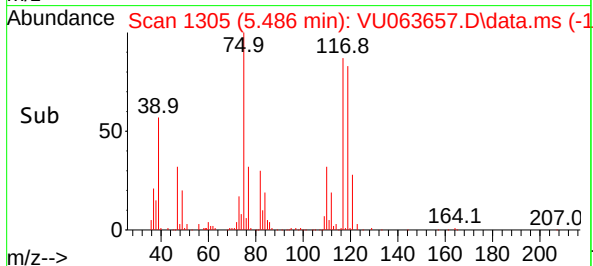
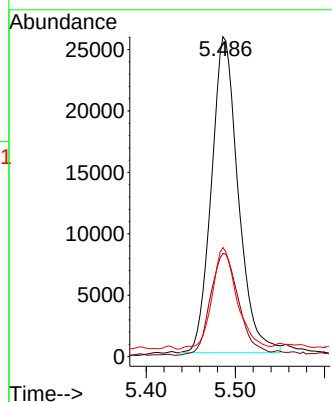
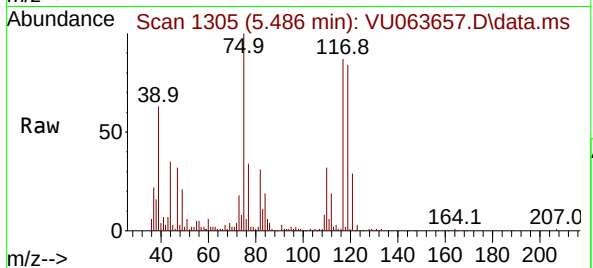
#29
1,1-Dichloropropene
Concen: 2.030 ug/l
RT: 5.486 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
110 34.2 17.2 51.5
77 30.1 24.5 36.7

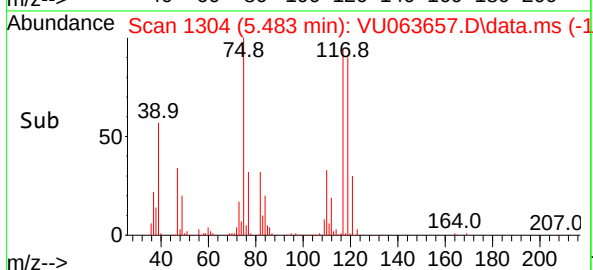
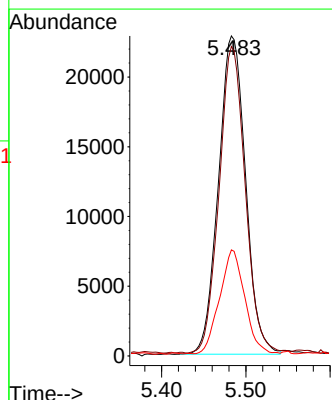
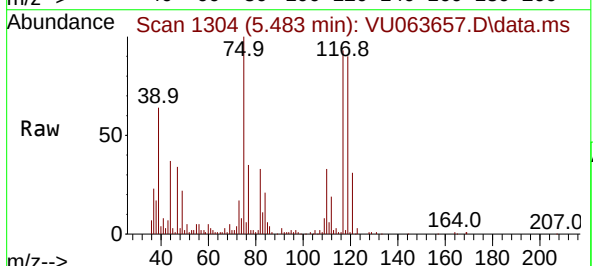
Manual Integrations
APPROVED

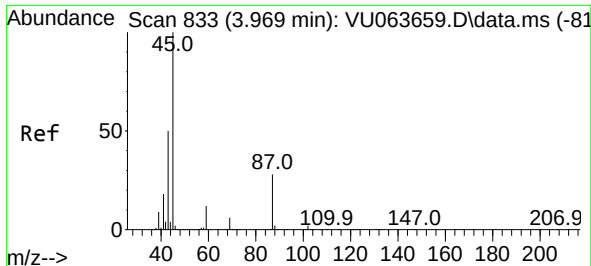
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#30
Carbon Tetrachloride
Concen: 2.379 ug/l
RT: 5.483 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:117 Resp: 50911
Ion Ratio Lower Upper
117 100
119 96.1 75.7 113.5
121 32.6 23.8 35.6





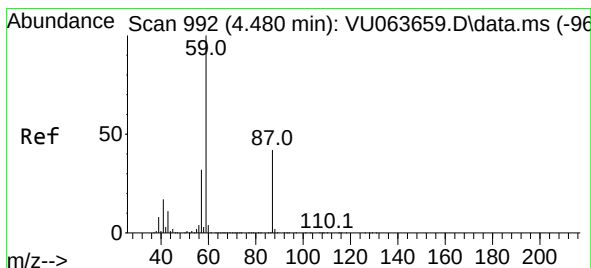
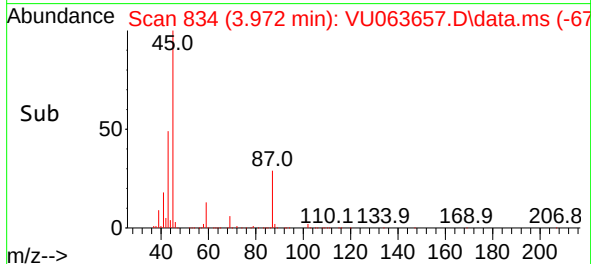
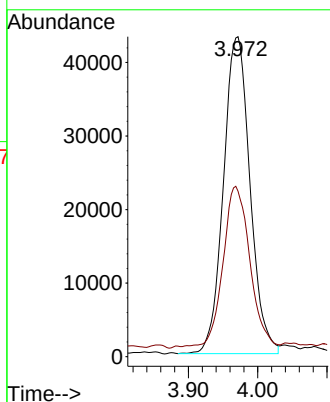
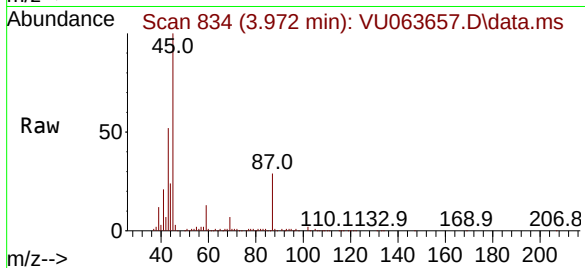
#31
Isopropyl Ether
Concen: 1.893 ug/l
RT: 3.972 min Scan# 811
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 114730
Ion Ratio Lower Upper
45 100
43 50.5 25.3 75.9

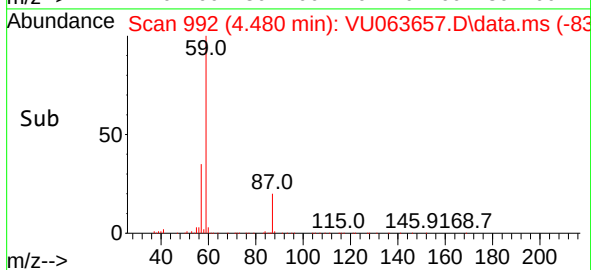
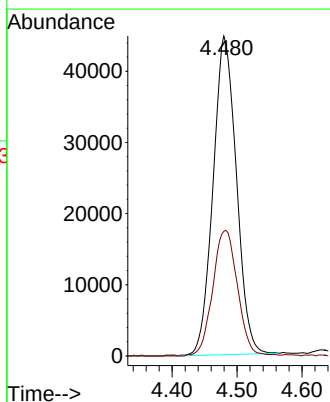
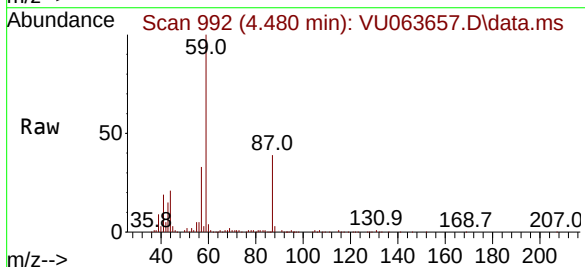
Manual Integrations
APPROVED

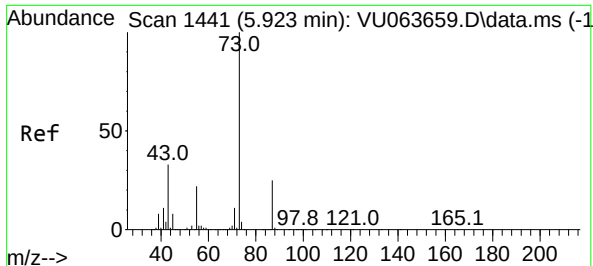
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#32
Ethyl-t-butyl ether
Concen: 2.110 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

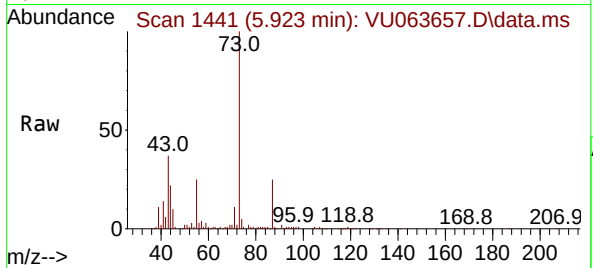
Tgt Ion: 59 Resp: 111398
Ion Ratio Lower Upper
59 100
87 41.5 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 2.089 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

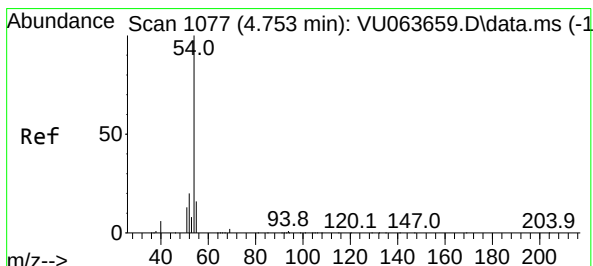
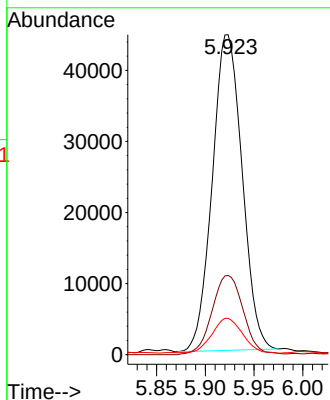
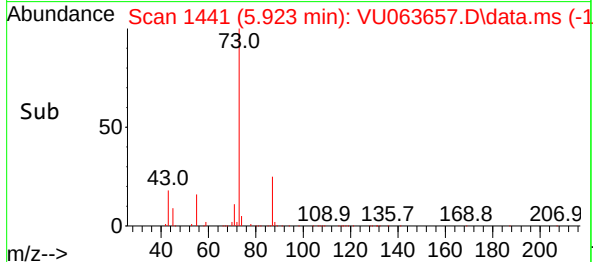
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



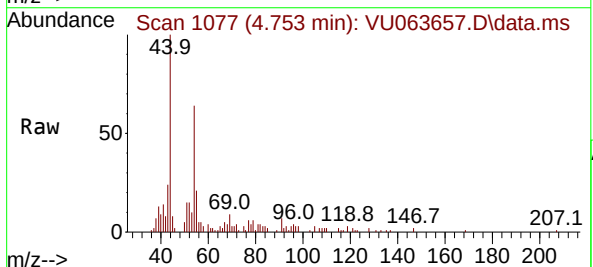
Tgt Ion: 73 Resp: 94530
Ion Ratio Lower Upper
73 100
87 25.9 20.0 30.0
71 11.1 9.0 13.4

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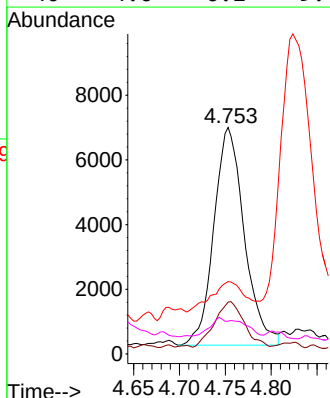
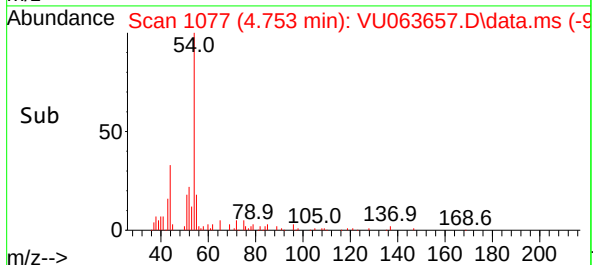
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

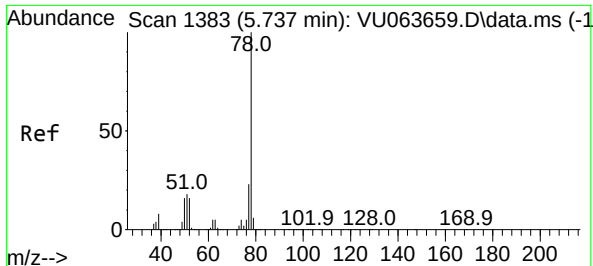


#34
Propionitrile
Concen: 9.155 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



Tgt Ion: 54 Resp: 15507
Ion Ratio Lower Upper
54 100
52 20.2 15.8 23.6
55 19.7 11.3 16.9#
40 4.6 6.2 9.4#





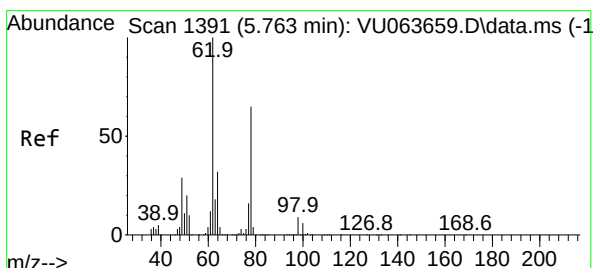
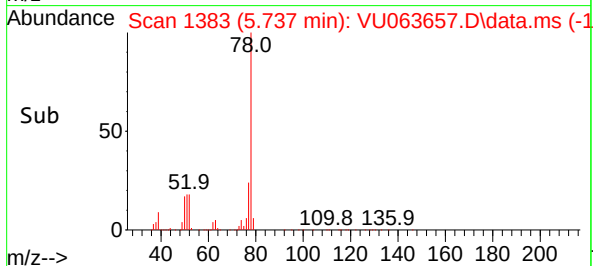
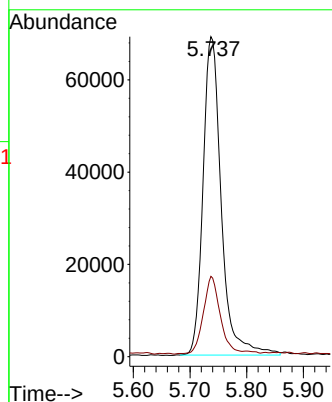
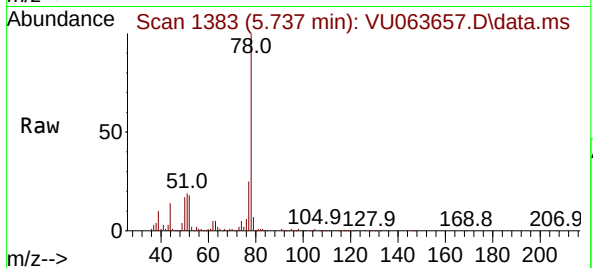
#35
Benzene
Concen: 2.048 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 15421
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5

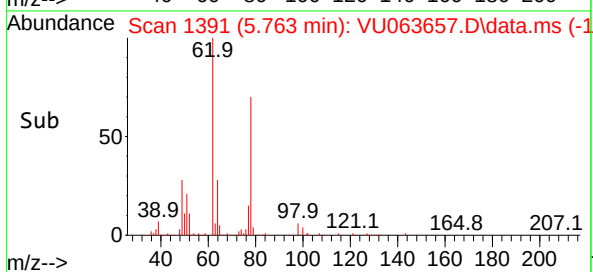
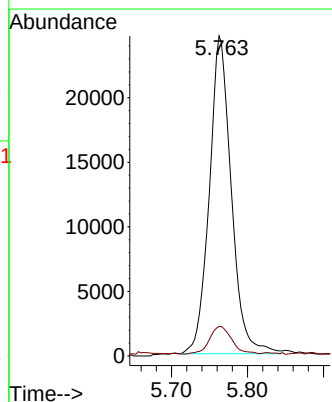
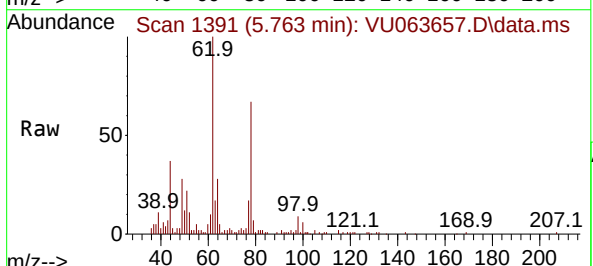
Manual Integrations
APPROVED

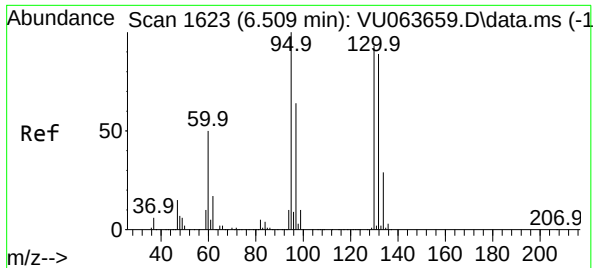
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#36
1,2-Dichloroethane
Concen: 1.952 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

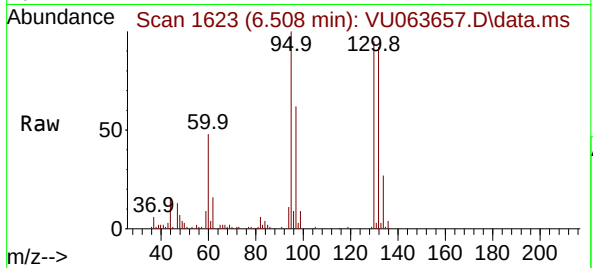
Tgt Ion: 62 Resp: 49483
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2





#37
Trichloroethene
Concen: 2.376 ug/l
RT: 6.508 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

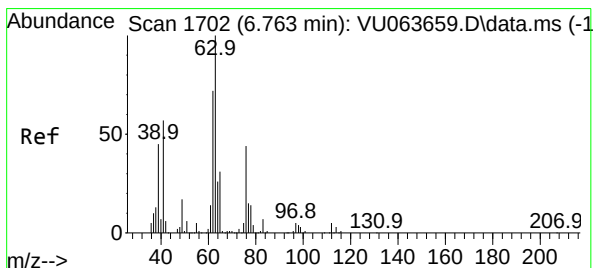
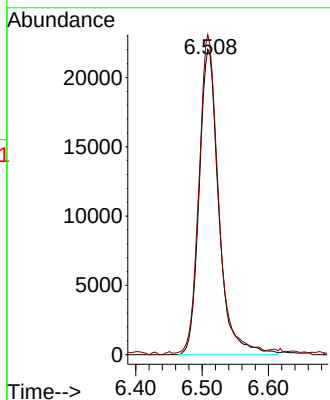
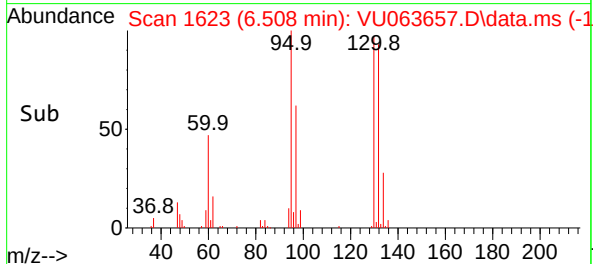
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



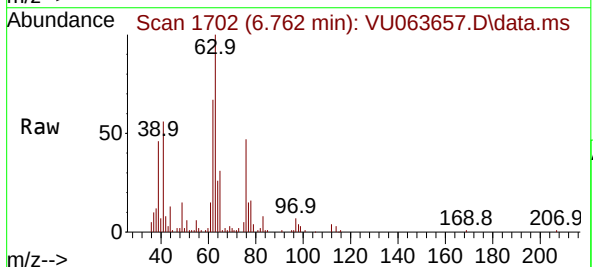
Tgt Ion:130 Resp: 4521
Ion Ratio Lower Upper
130 100
95 104.1 86.0 129.0

Manual Integrations
APPROVED

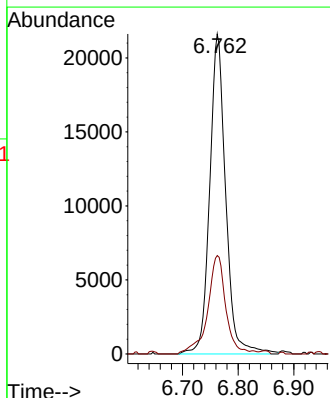
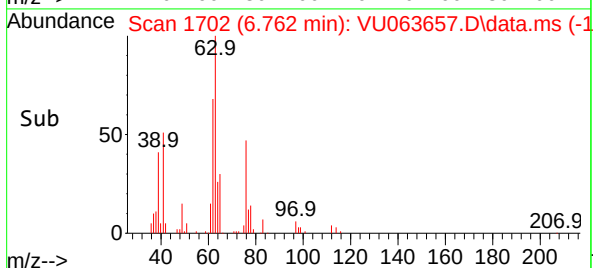
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

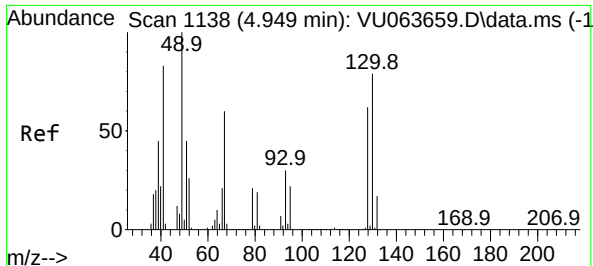


#38
1,2-Dichloropropane
Concen: 2.168 ug/l
RT: 6.762 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



Tgt Ion: 63 Resp: 43070
Ion Ratio Lower Upper
63 100
65 30.8 24.5 36.7





#39

Methacrylonitrile

Concen: 1.930 ug/l

RT: 4.952 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

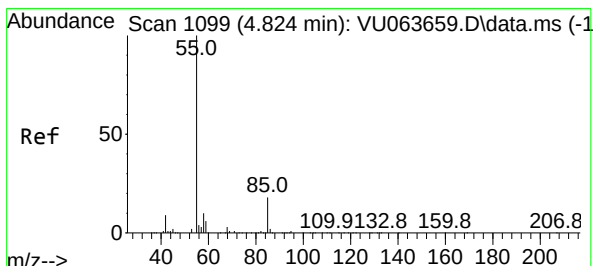
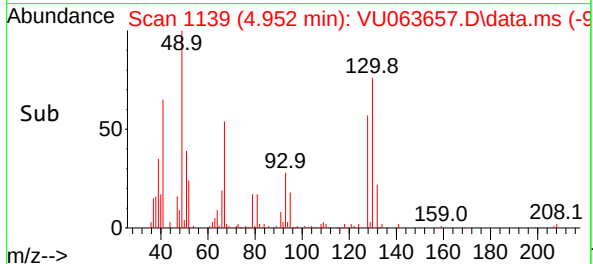
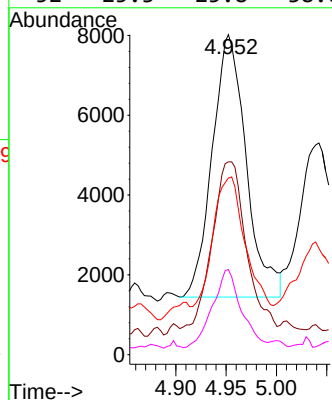
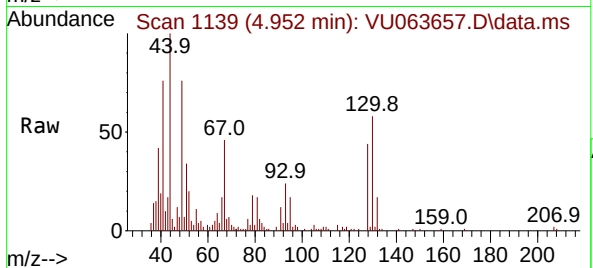
Tgt Ion:	41	Resp:	1542
Ion Ratio	Lower	Upper	
41	100		
67	66.2	61.4	92.2
39	52.7	46.5	69.7
52	25.3	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#40

Methyl acrylate

Concen: 1.876 ug/l

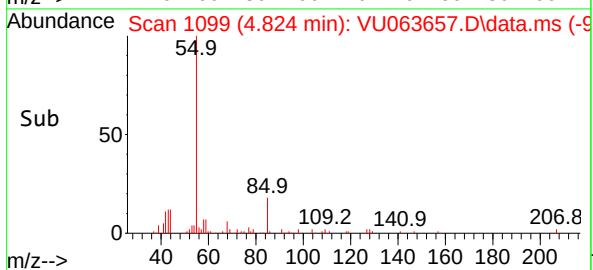
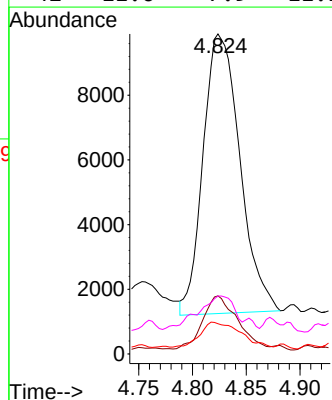
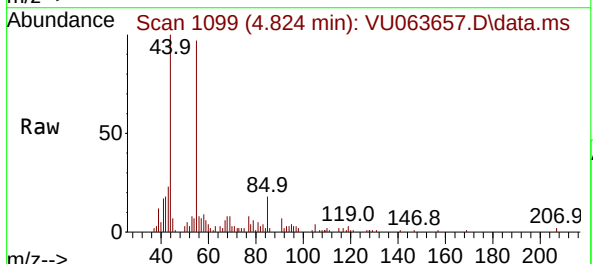
RT: 4.824 min Scan# 1099

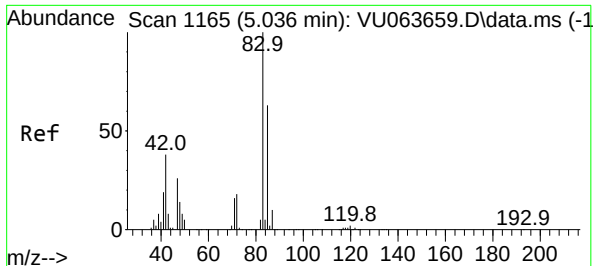
Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Tgt Ion:	55	Resp:	20567
Ion Ratio	Lower	Upper	
55	100		
85	17.8	15.3	22.9
58	9.5	7.7	11.5
42	11.6	7.9	11.9





#41

Tetrahydrofuran

Concen: 3.209 ug/l

RT: 5.042 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

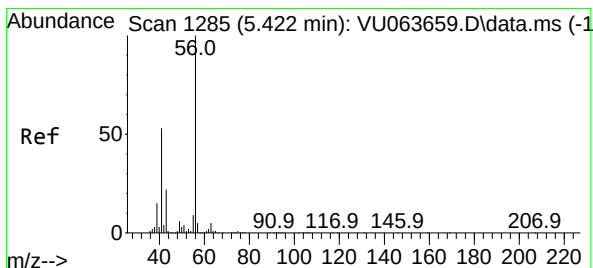
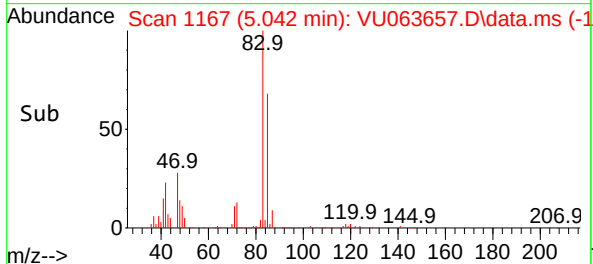
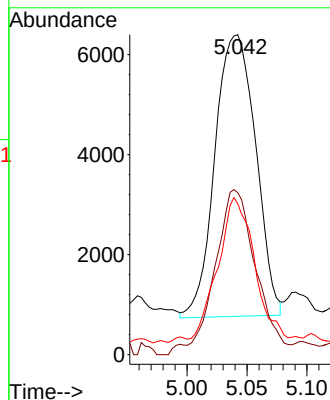
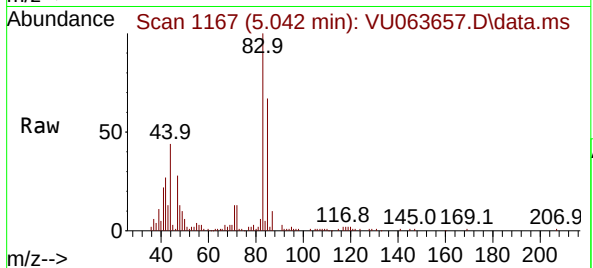
Tgt Ion:	42	Resp:	13310
Ion Ratio	Lower	Upper	
42	100		
72	59.3	40.5	60.7
71	45.2	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#42

1-Chlorobutane

Concen: 1.987 ug/l

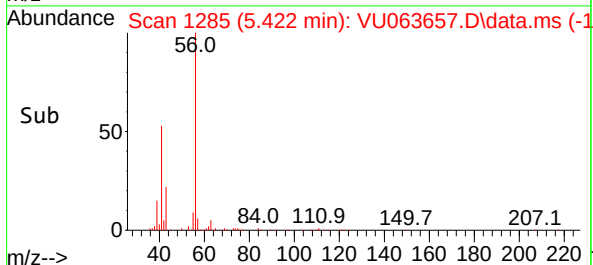
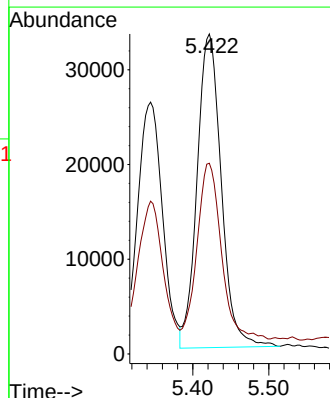
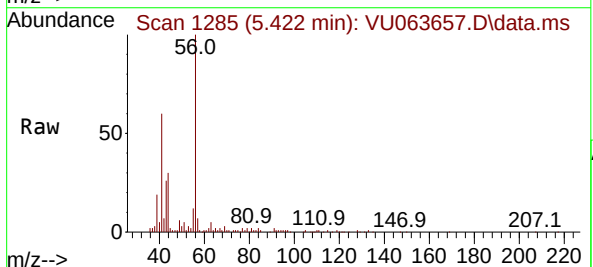
RT: 5.422 min Scan# 1285

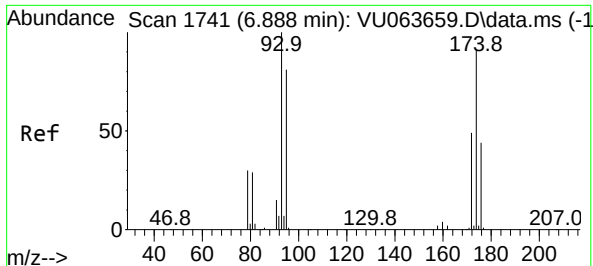
Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

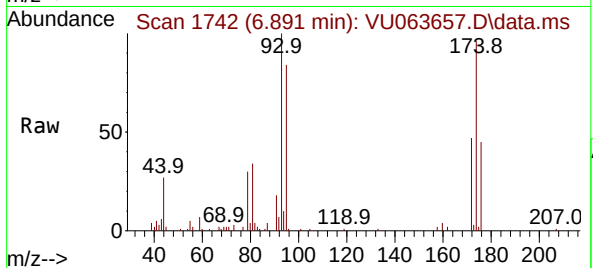
Tgt Ion:	56	Resp:	73221
Ion Ratio	Lower	Upper	
56	100		
41	56.1	25.9	77.6





#43
Dibromomethane
Concen: 2.359 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

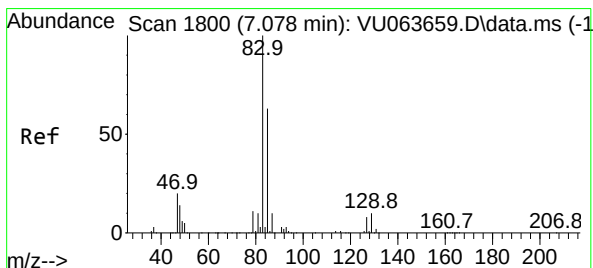
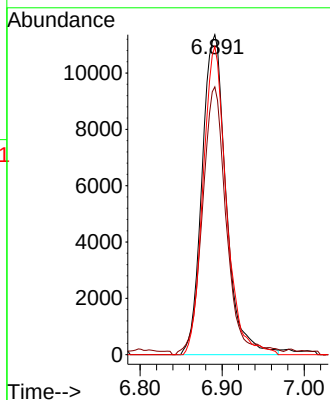
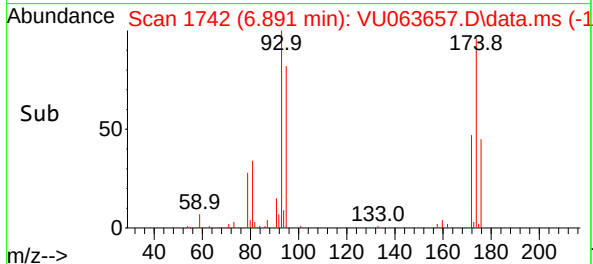
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



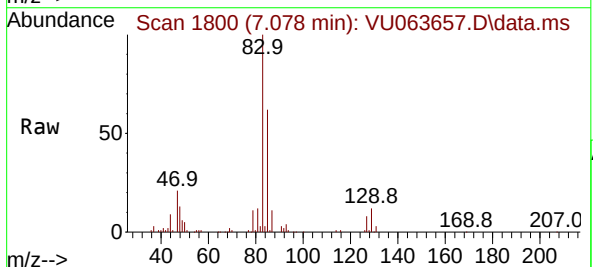
Tgt Ion: 93 Resp: 23190
Ion Ratio Lower Upper
93 100
95 83.6 64.6 97.0
174 93.3 73.8 110.8

Manual Integrations
APPROVED

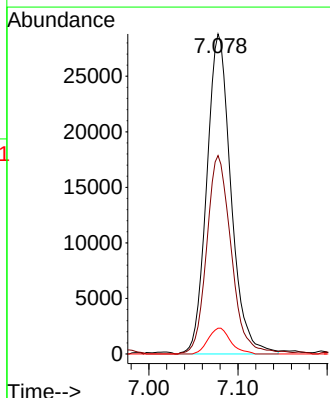
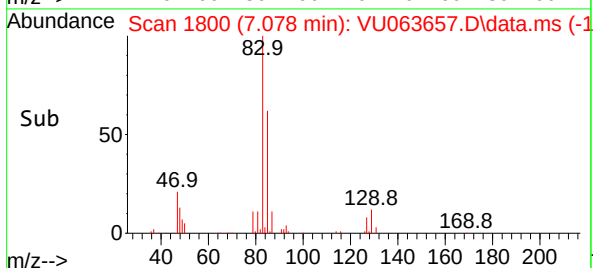
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

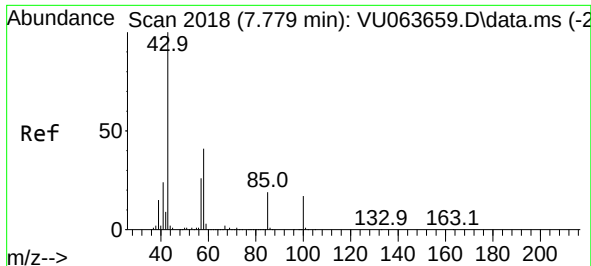


#44
Bromodichloromethane
Concen: 2.546 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



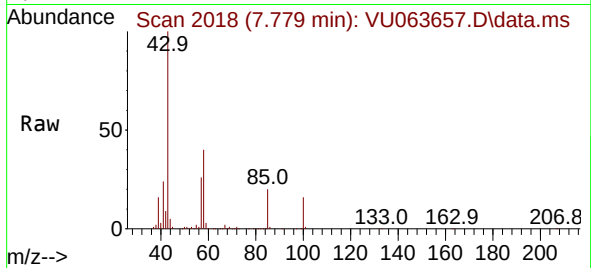
Tgt Ion: 83 Resp: 54373
Ion Ratio Lower Upper
83 100
85 62.0 50.5 75.7
127 8.0 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 11.223 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

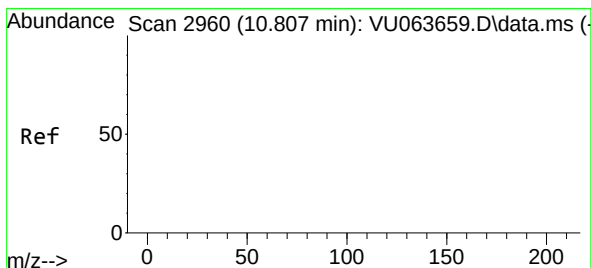
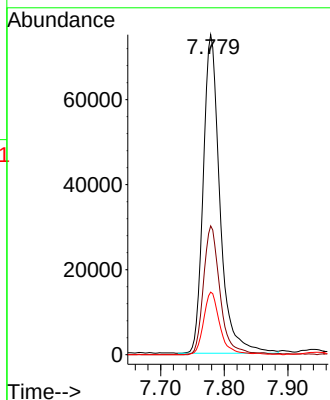
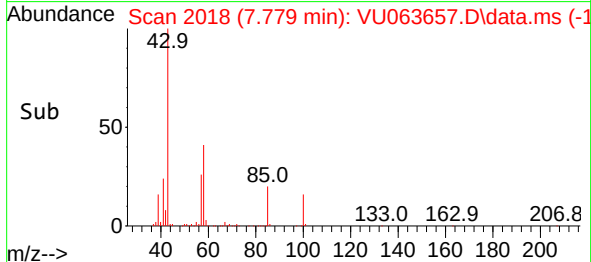
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 13702
Ion Ratio Lower Upper
43 100
58 39.9 20.2 60.5
85 19.0 15.0 22.6

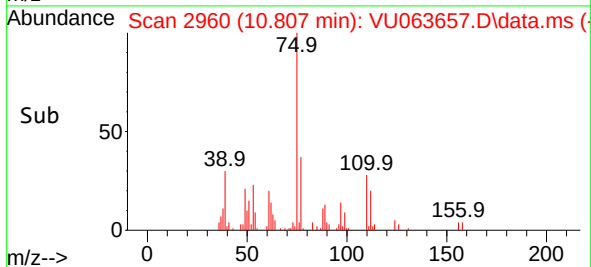
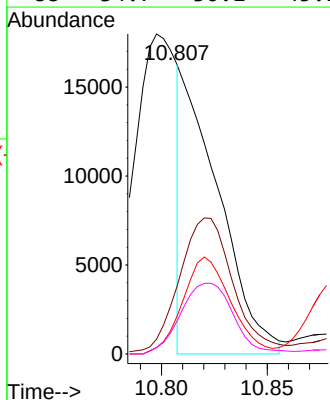
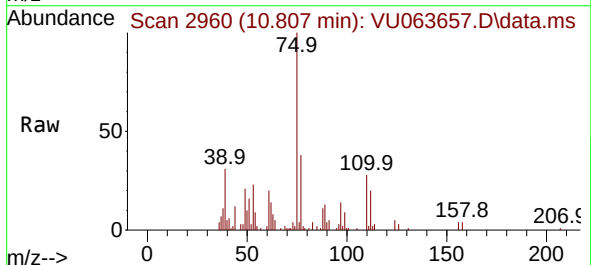
Manual Integrations
APPROVED

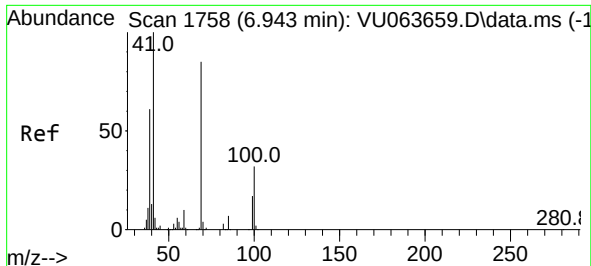
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#46
t-1,4-Dichloro-2-butene
Concen: 4.445 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

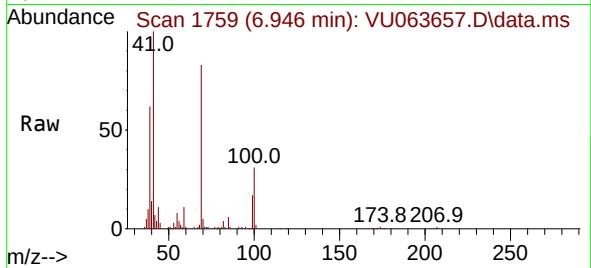
Tgt Ion: 75 Resp: 19930
Ion Ratio Lower Upper
75 100
53 68.7 57.2 85.8
89 43.2 37.9 56.9
88 34.7 30.1 45.1





#47
Methyl methacrylate
Concen: 4.659 ug/l
RT: 6.946 min Scan# 1758
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

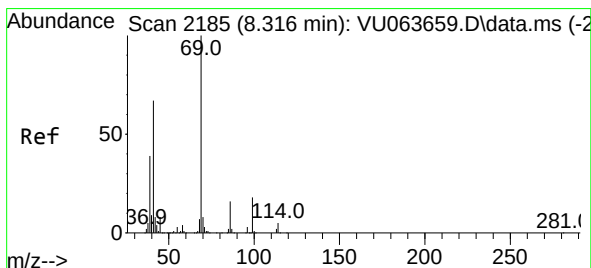
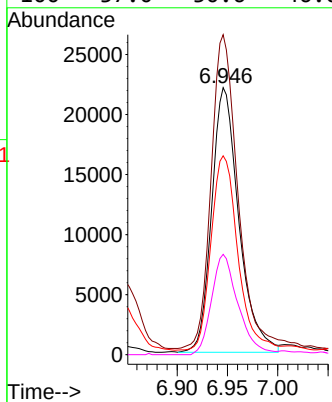
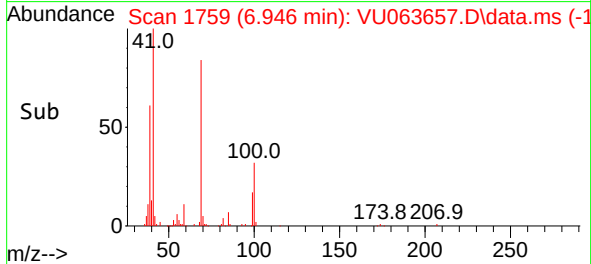
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



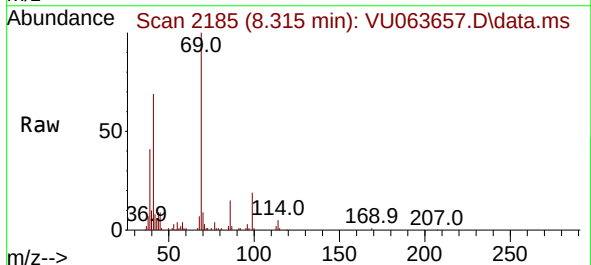
Tgt Ion: 69 Resp: 41398
Ion Ratio Lower Upper
69 100
41 117.9 0.0 228.2
39 72.0 56.2 84.4
100 37.0 30.6 46.0

Manual Integrations
APPROVED

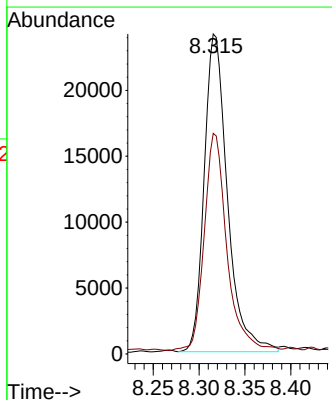
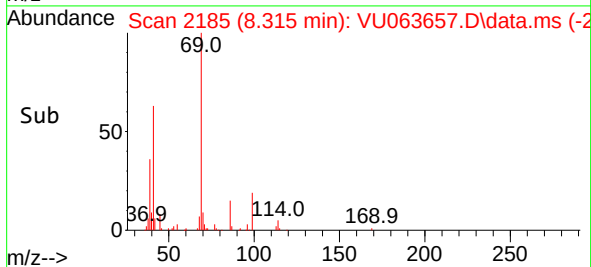
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

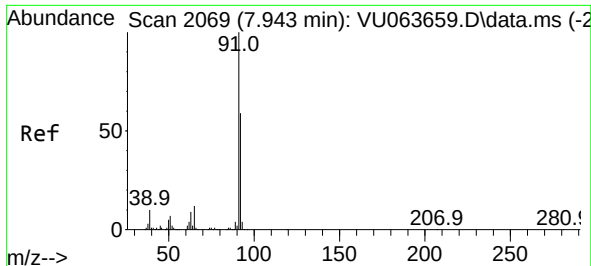


#48
Ethyl methacrylate
Concen: 2.547 ug/l
RT: 8.315 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



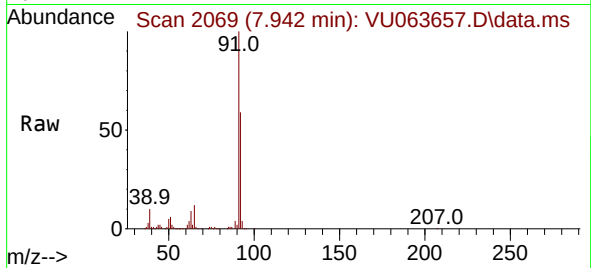
Tgt Ion: 69 Resp: 42581
Ion Ratio Lower Upper
69 100
41 66.4 32.8 98.3





#49
Toluene
Concen: 2.431 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

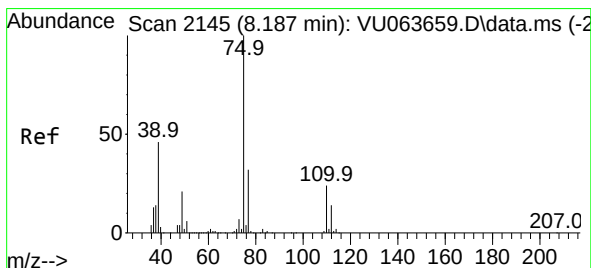
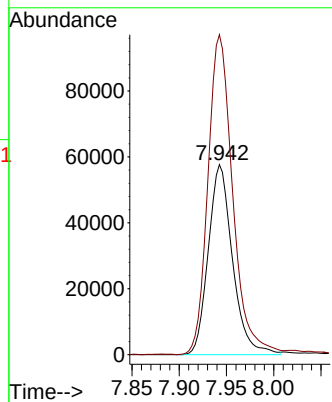
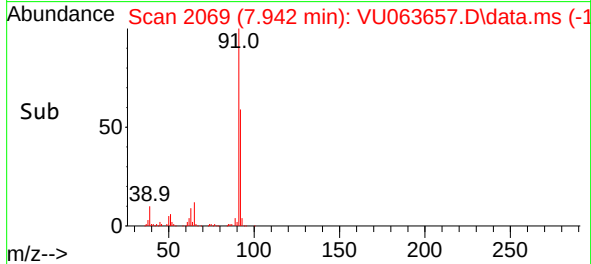
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



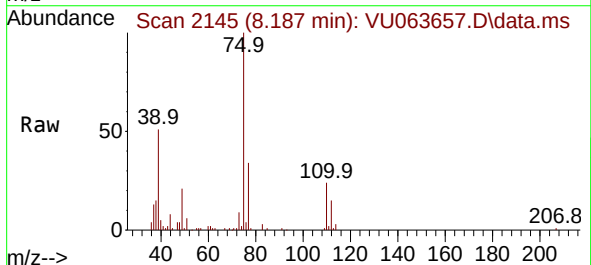
Tgt Ion: 92 Resp: 102778
Ion Ratio Lower Upper
92 100
91 172.5 136.8 205.2

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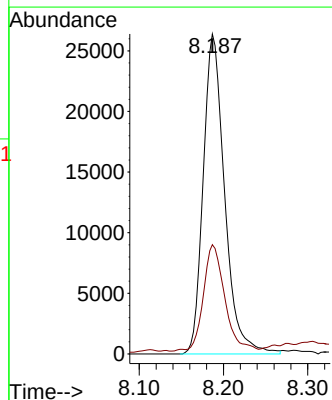
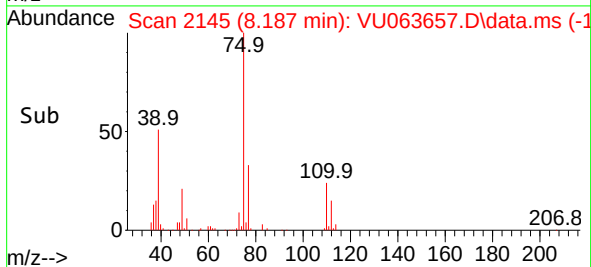
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

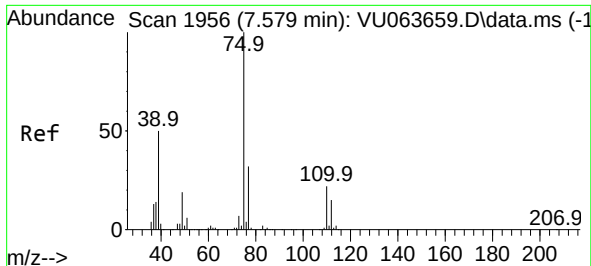


#50
t-1,3-Dichloropropene
Concen: 2.829 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



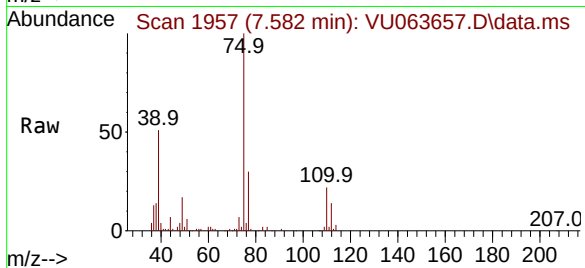
Tgt Ion: 75 Resp: 46695
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 2.665 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

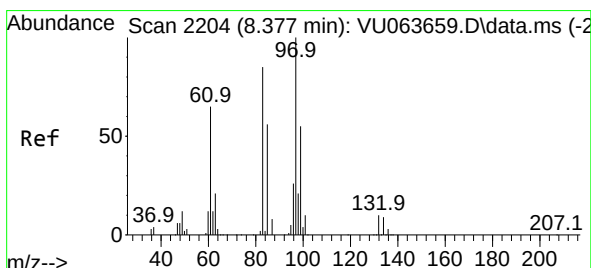
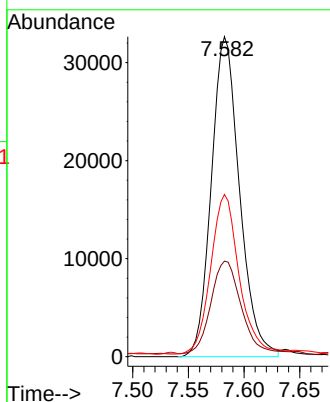
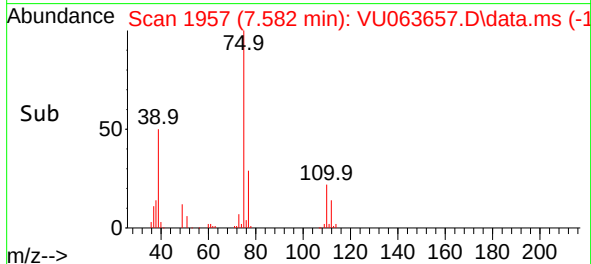
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



Tgt Ion: 75 Resp: 5754
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.5 38.3
 39 49.8 39.9 59.9

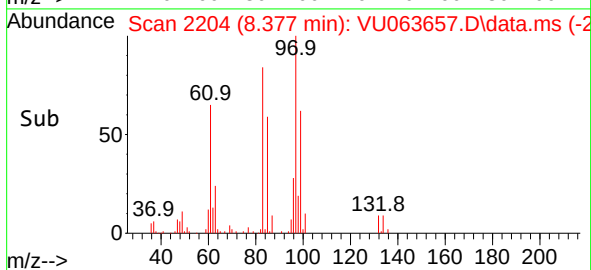
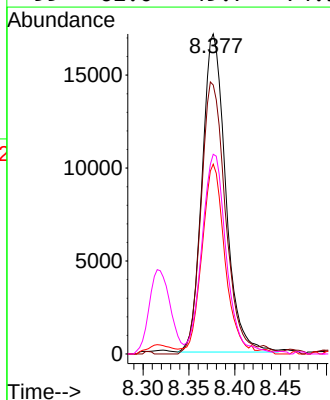
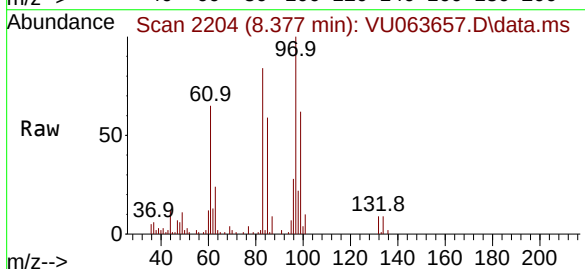
Manual Integrations
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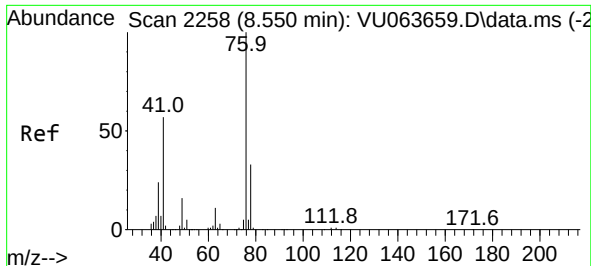
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.226 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

Tgt Ion: 97 Resp: 30601
 Ion Ratio Lower Upper
 97 100
 83 84.6 68.3 102.5
 85 59.7 45.3 67.9
 99 62.0 49.7 74.5





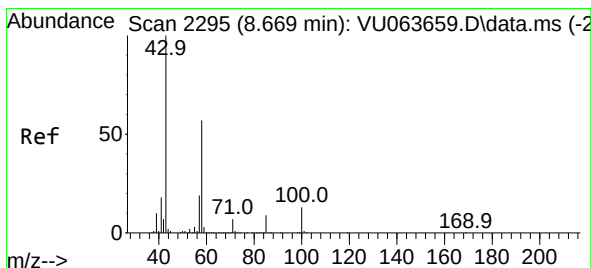
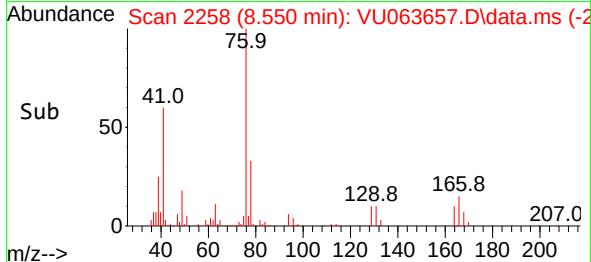
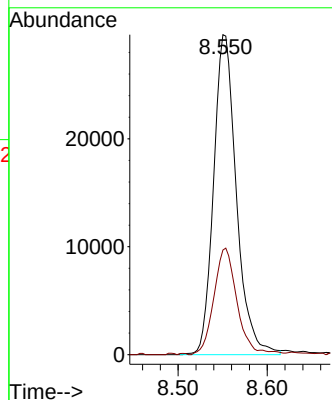
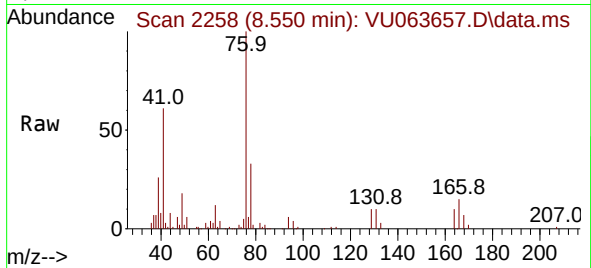
#53
1,3-Dichloropropane
Concen: 2.198 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 76 Resp: 5270
Ion Ratio Lower Upper
76 100
78 34.0 25.8 38.6

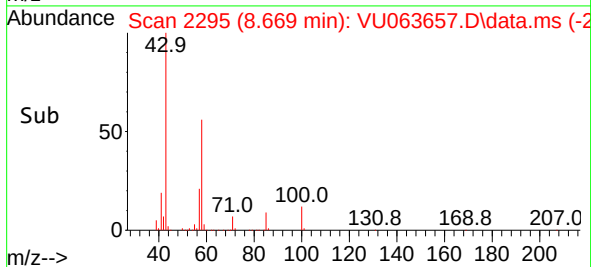
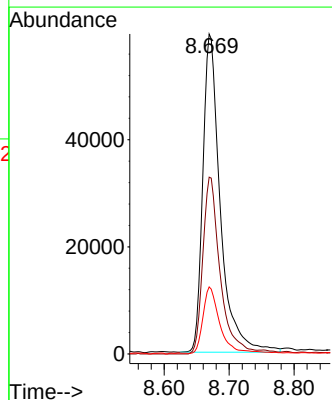
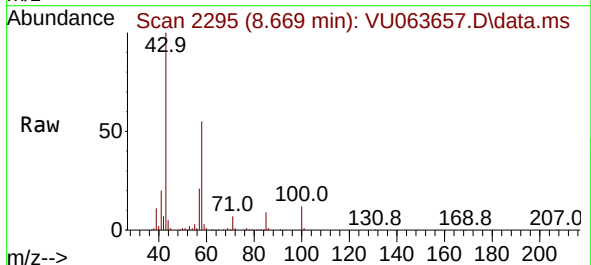
Manual Integrations
APPROVED

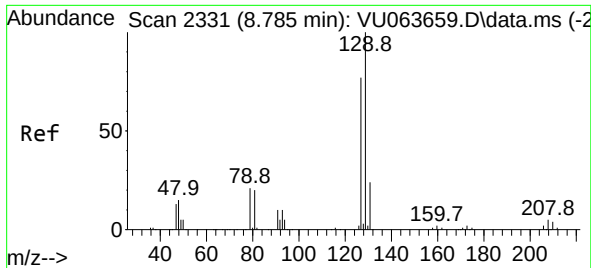
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#54
2-Hexanone
Concen: 12.119 ug/l
RT: 8.669 min Scan# 2295
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion: 43 Resp: 111649
Ion Ratio Lower Upper
43 100
58 54.5 36.3 76.3
57 20.0 0.0 39.7





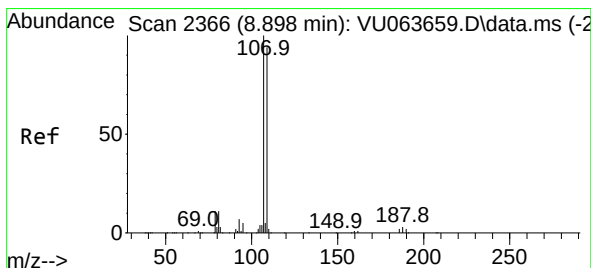
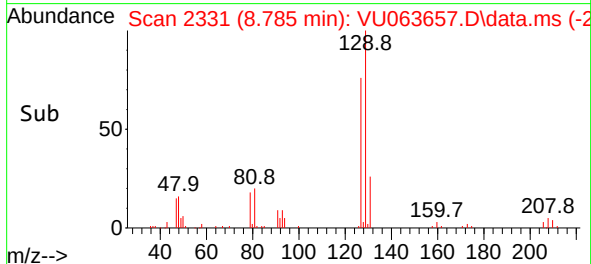
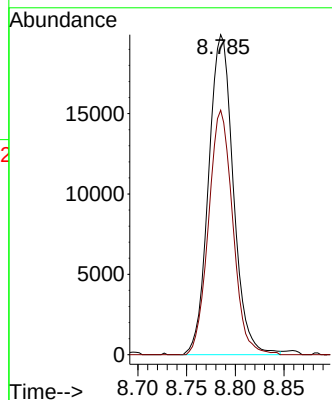
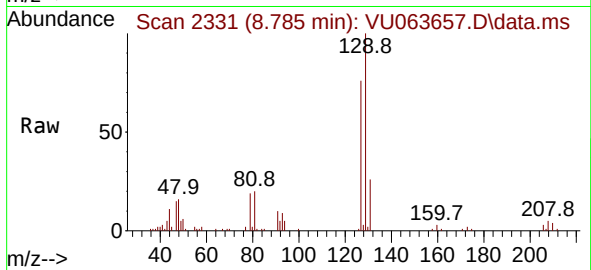
#55
Dibromochloromethane
Concen: 2.553 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:129 Resp: 3524
Ion Ratio Lower Upper
129 100
127 74.7 61.4 92.0

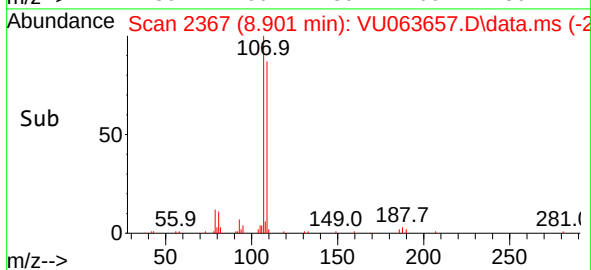
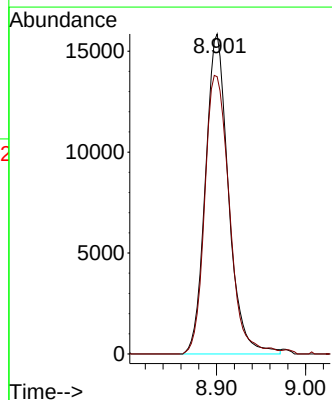
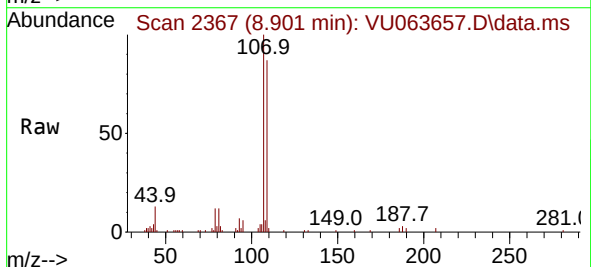
Manual Integrations
APPROVED

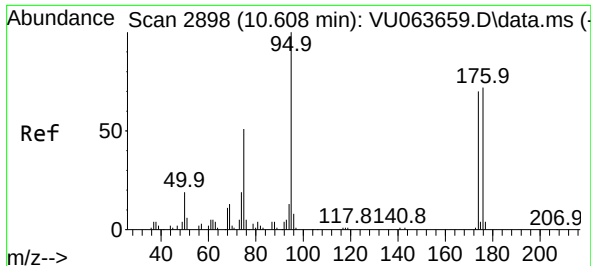
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#56
1,2-Dibromoethane
Concen: 2.362 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

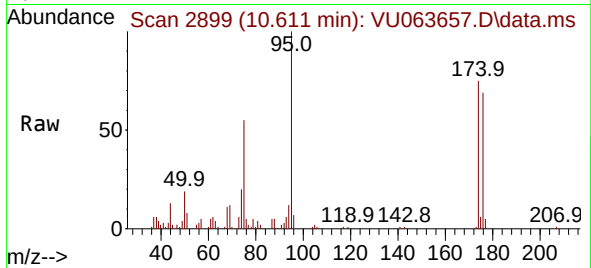
Tgt Ion:107 Resp: 28485
Ion Ratio Lower Upper
107 100
109 92.4 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.252 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

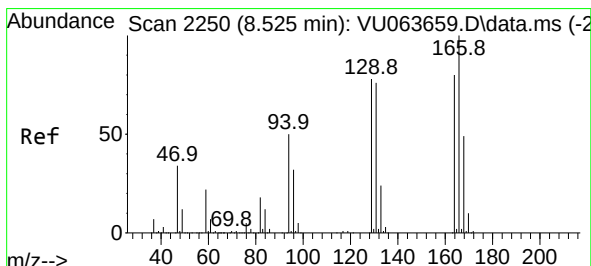
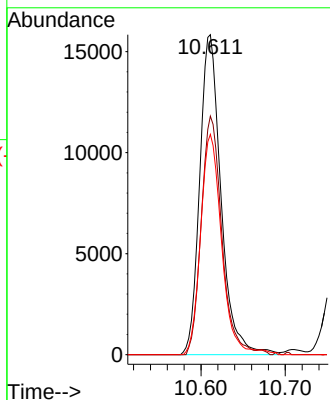
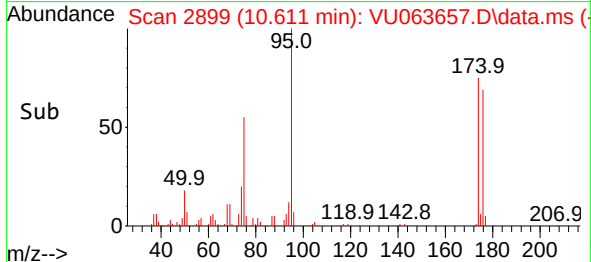
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 95 Resp: 27890
Ion Ratio Lower Upper
95 100
174 71.8 59.9 89.9
176 68.1 58.8 88.2

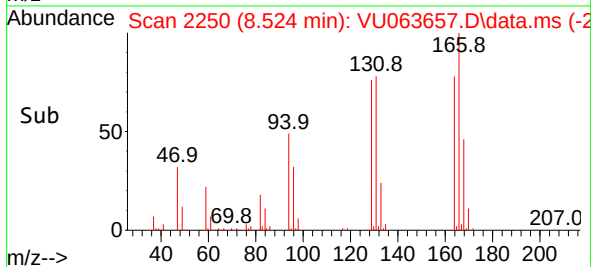
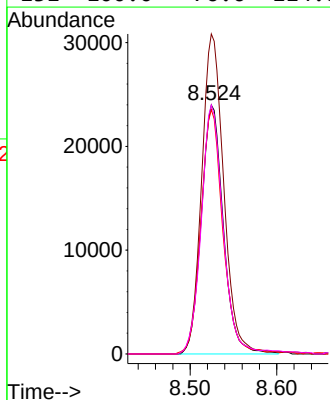
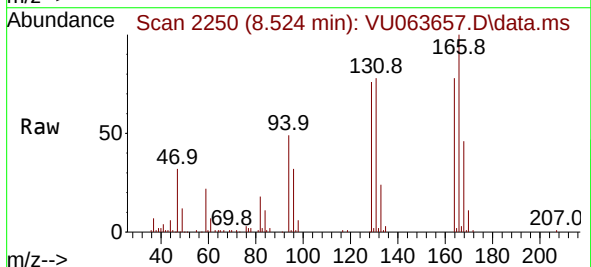
Manual Integrations
APPROVED

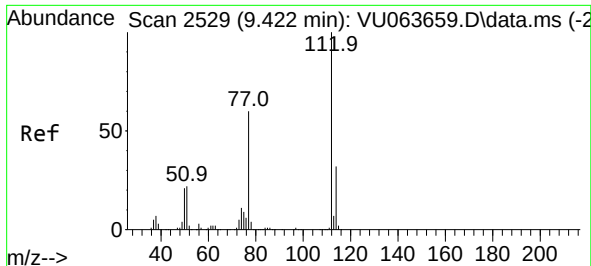
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#58
Tetrachloroethene
Concen: 2.228 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:164 Resp: 42274
Ion Ratio Lower Upper
164 100
166 128.5 100.1 150.1
129 97.6 77.6 116.4
131 100.0 76.6 114.8





#59

Chlorobenzene

Concen: 2.308 ug/l

RT: 9.422 min Scan# 2529

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:112 Resp: 11090

Ion Ratio Lower Upper

112 100

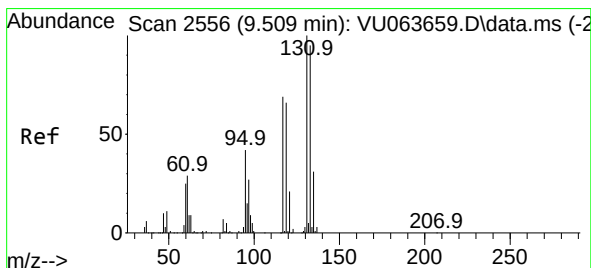
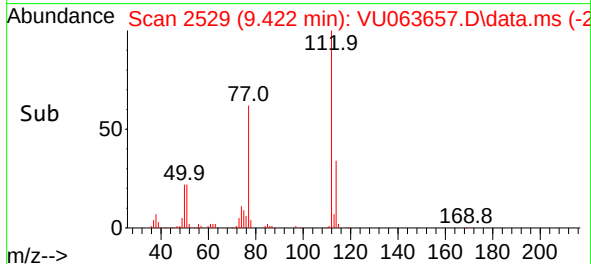
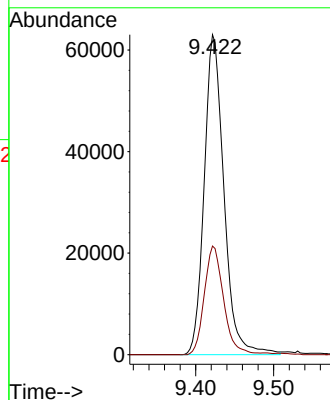
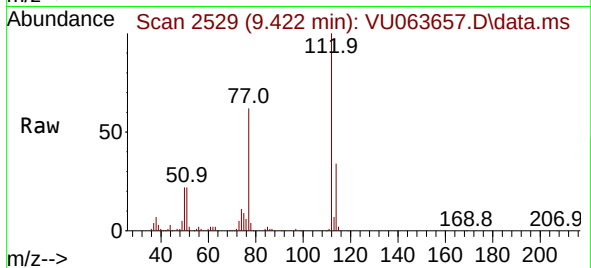
114 33.9 26.0 39.0

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 2.396 ug/l

RT: 9.508 min Scan# 2556

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

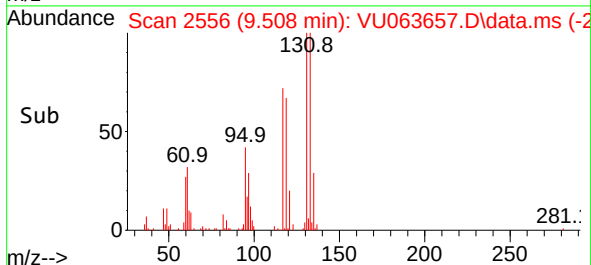
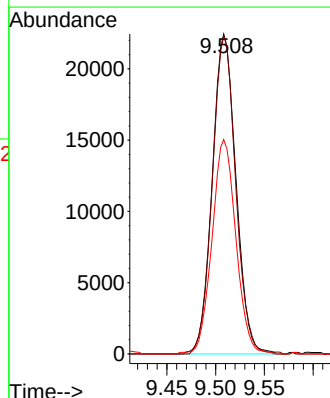
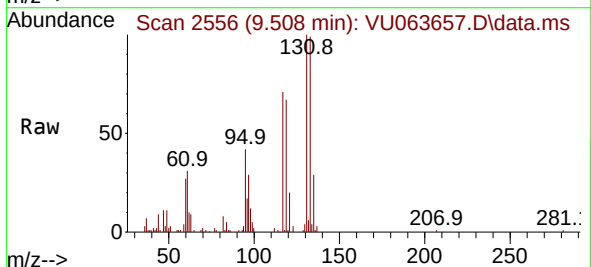
Tgt Ion:131 Resp: 37915

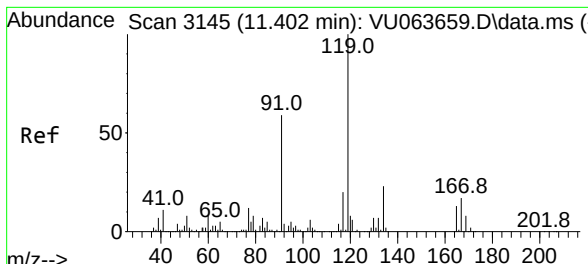
Ion Ratio Lower Upper

131 100

133 97.6 77.0 115.6

119 67.6 52.8 79.2





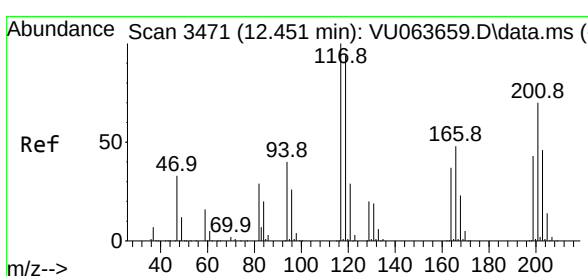
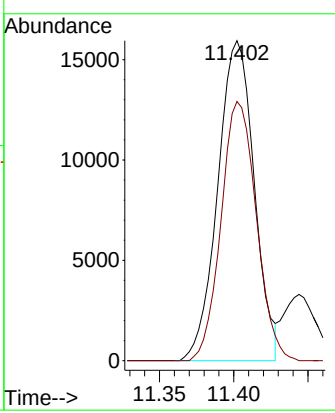
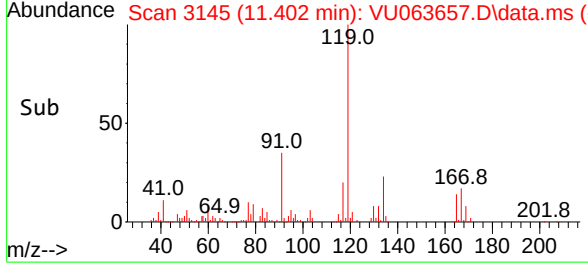
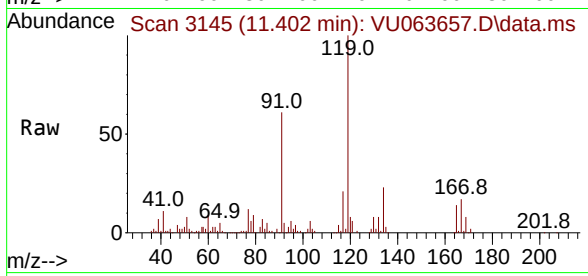
#61
 Pentachloroethane
 Concen: 2.416 ug/l
 RT: 11.402 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

Instrument : MSVOA_U
 ClientSampleId : VSTDIC002

Tgt Ion:117 Resp: 27235

Ion	Ratio	Lower	Upper
117	100		
167	78.3	62.8	94.2

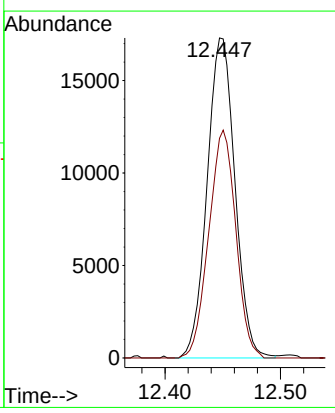
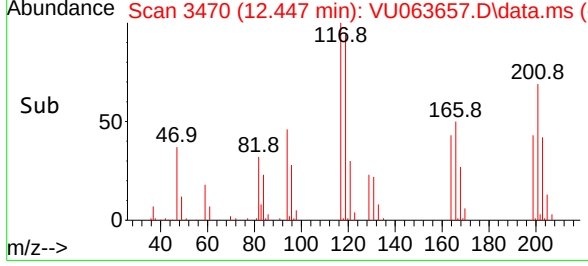
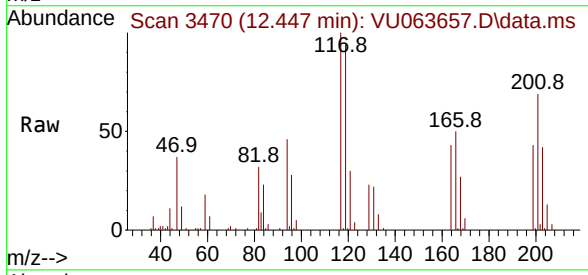
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APPROVED
 Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

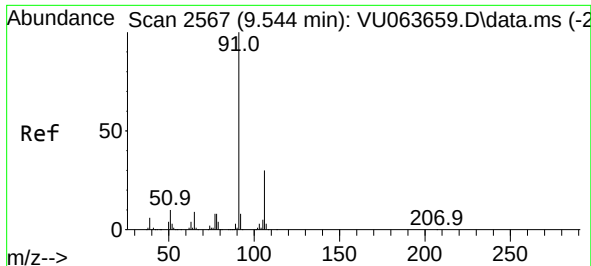


#62
 Hexachloroethane
 Concen: 2.803 ug/l
 RT: 12.447 min Scan# 3470
 Delta R.T. -0.003 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

Tgt Ion:117 Resp: 29028

Ion	Ratio	Lower	Upper
117	100		
201	69.2	56.3	84.5





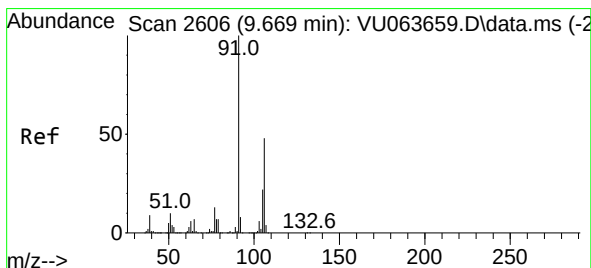
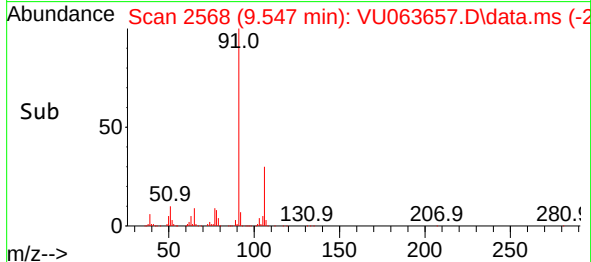
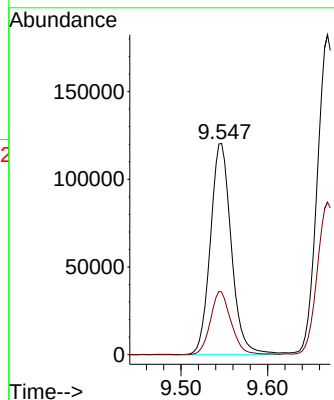
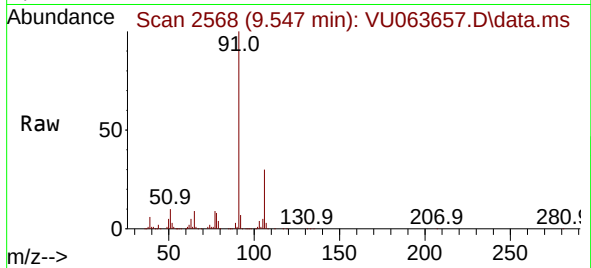
#63
Ethyl Benzene
Concen: 2.451 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 202580
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

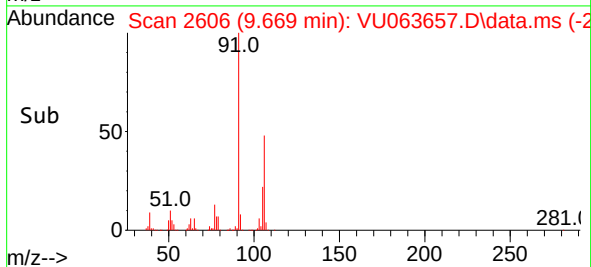
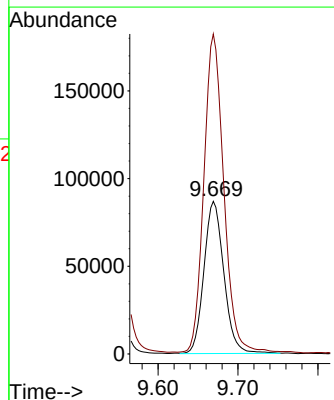
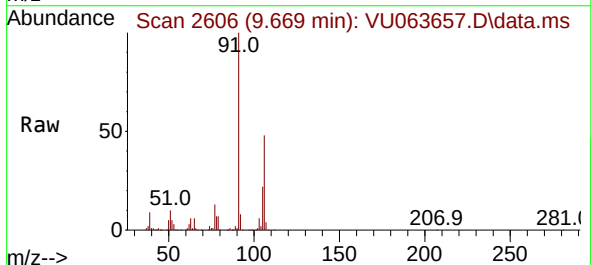
Manual Integrations
APPROVED

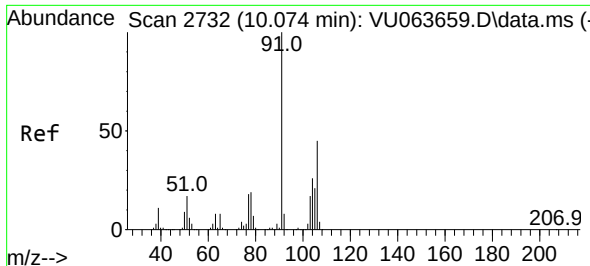
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#64
m/p-Xylenes
Concen: 4.760 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

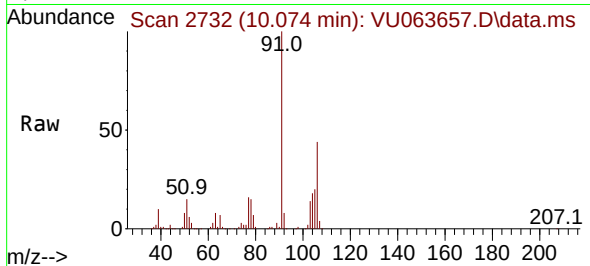
Tgt Ion:106 Resp: 150770
Ion Ratio Lower Upper
106 100
91 211.1 167.0 250.4





#65
o-Xylene
Concen: 2.368 ug/l
RT: 10.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

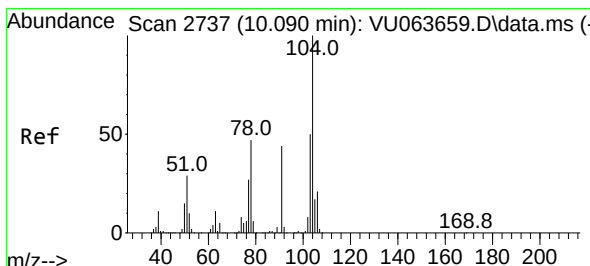
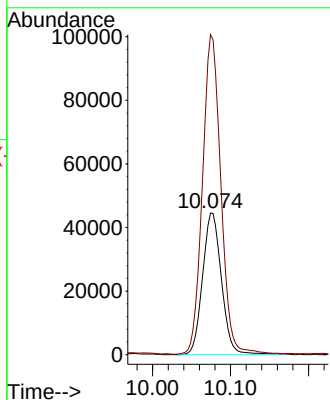
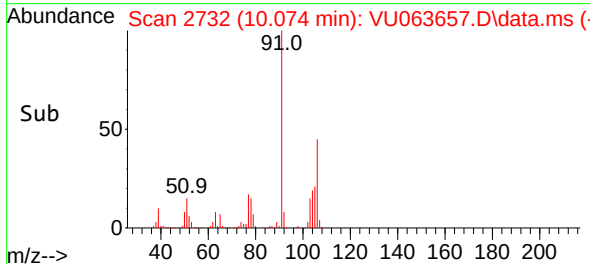
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:106 Resp: 7497
Ion Ratio Lower Upper
106 100
91 220.0 109.3 327.9

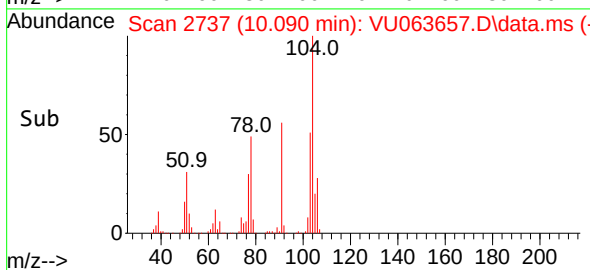
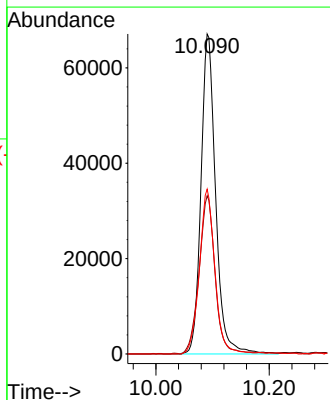
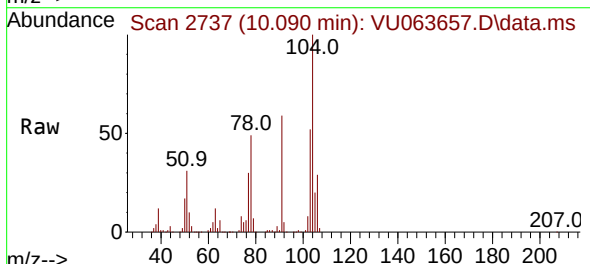
Manual Integrations
APPROVED

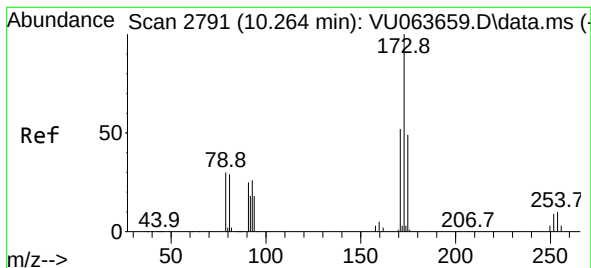
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#66
Styrene
Concen: 2.381 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:104 Resp: 120289
Ion Ratio Lower Upper
104 100
78 54.2 42.8 64.2
103 54.3 43.9 65.9





#67

Bromoform

Concen: 2.746 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

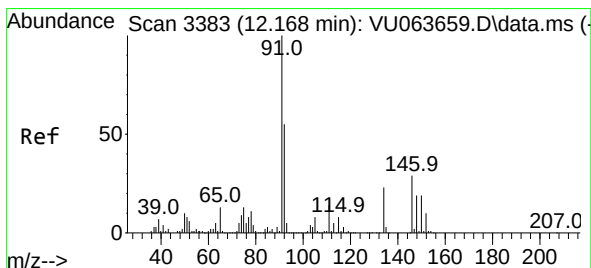
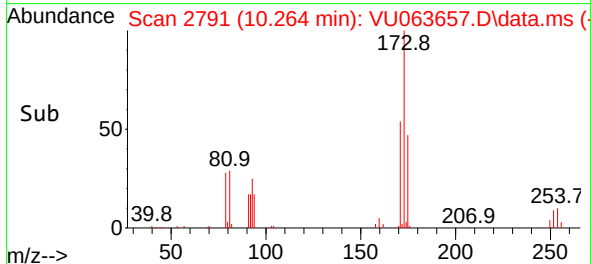
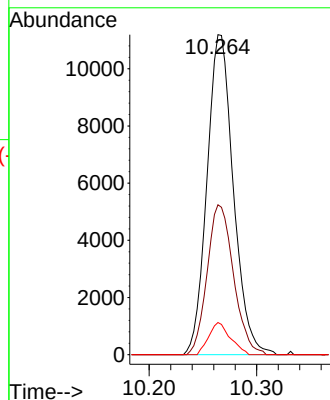
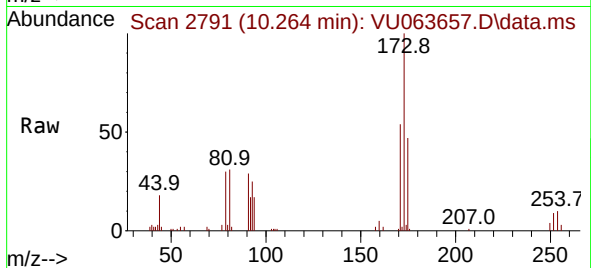
Tgt Ion:	173	Resp:	1906
Ion Ratio	Lower	Upper	
173	100		
175	46.8	39.0	58.4
254	8.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.100 ug/l

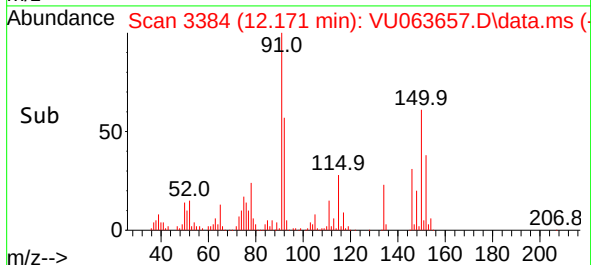
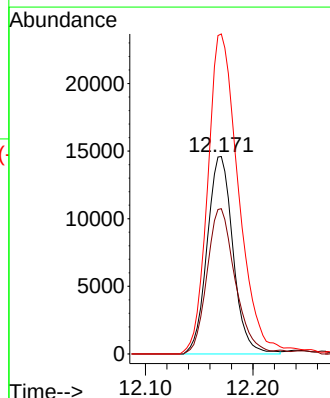
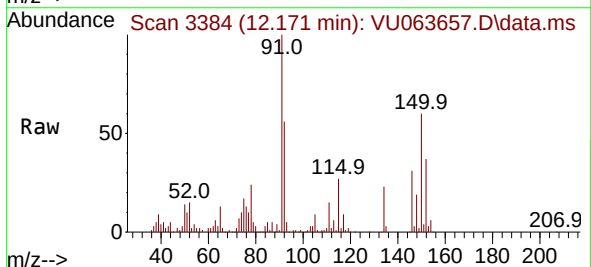
RT: 12.171 min Scan# 3384

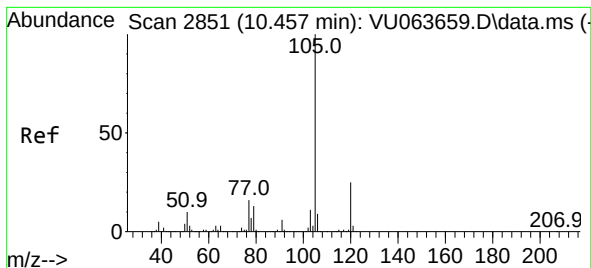
Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Tgt Ion:	152	Resp:	24401
Ion Ratio	Lower	Upper	
152	100		
115	80.1	0.0	247.2
150	194.7	0.0	643.6





#69

Isopropylbenzene

Concen: 2.372 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 182424

Ion Ratio Lower Upper

105 100

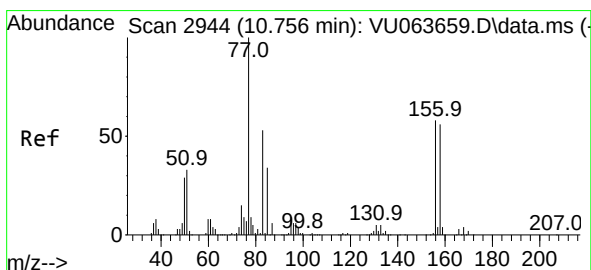
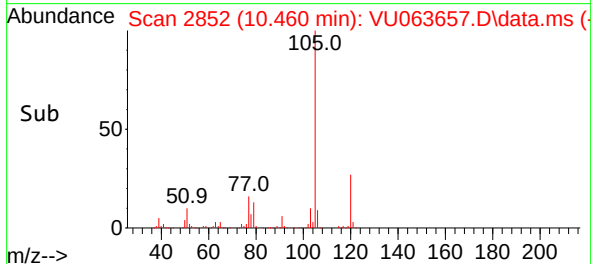
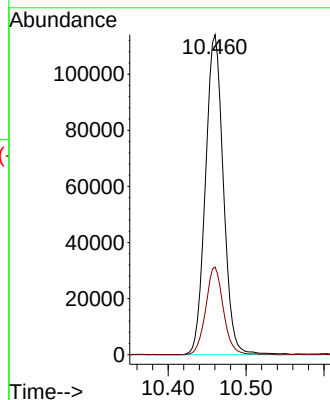
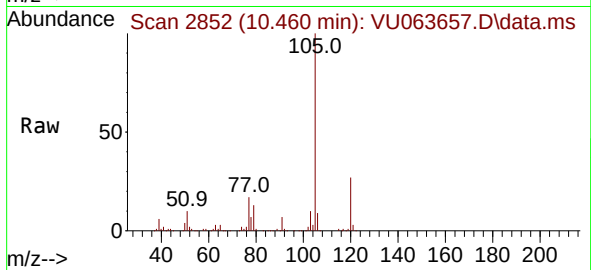
120 27.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 2.188 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

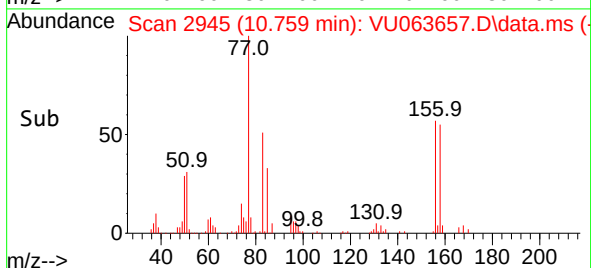
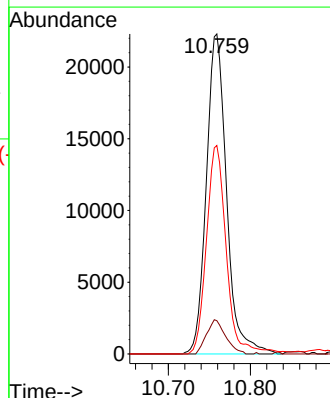
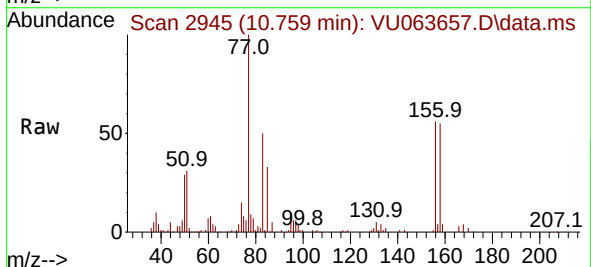
Tgt Ion: 83 Resp: 38196

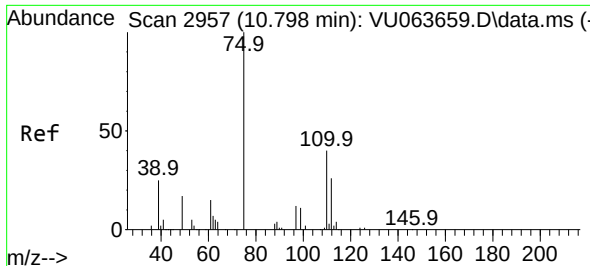
Ion Ratio Lower Upper

83 100

131 10.1 8.1 12.1

85 64.1 51.0 76.6





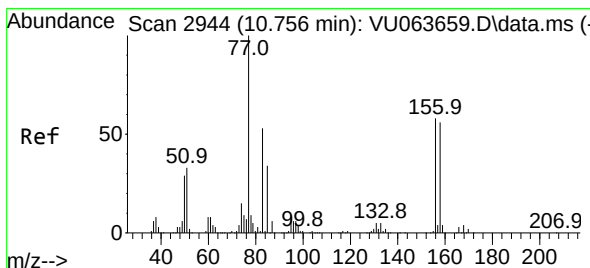
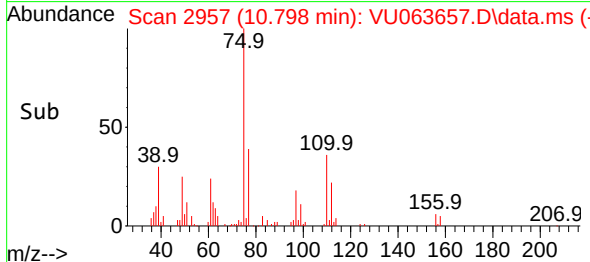
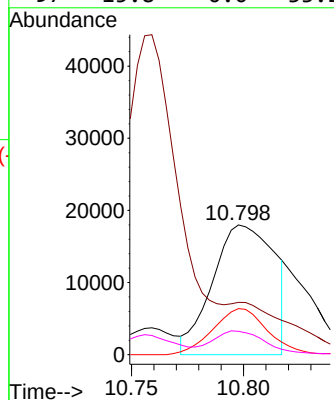
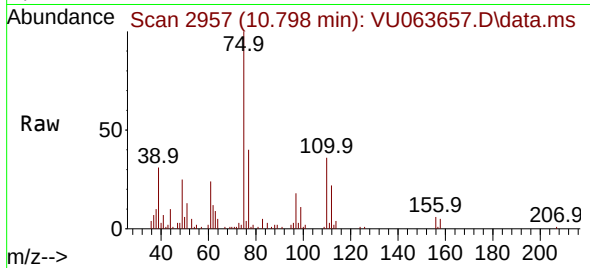
#71
1,2,3-Trichloropropane
Concen: 2.555 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 3438
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 31.7 0.0 66.4
97 15.8 0.0 33.2

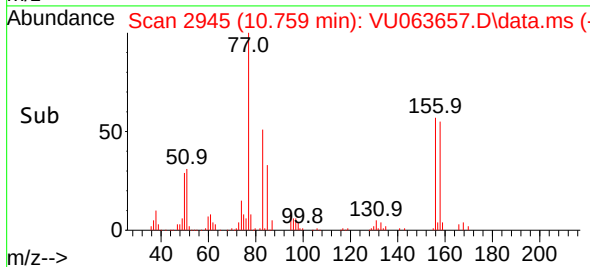
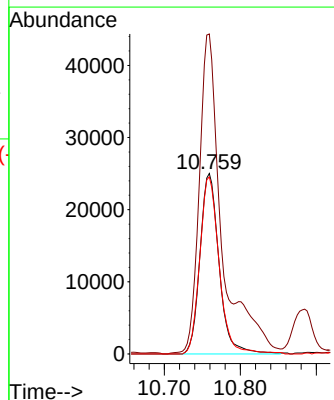
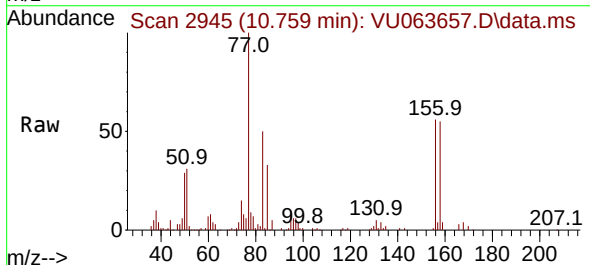
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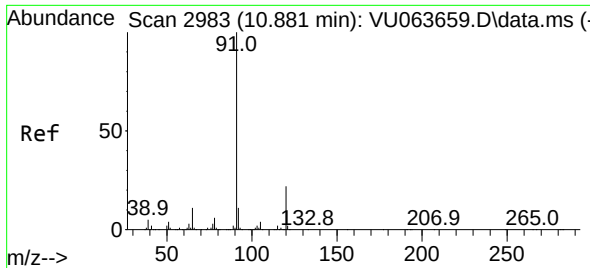
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#72
Bromobenzene
Concen: 2.207 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:156 Resp: 43648
Ion Ratio Lower Upper
156 100
77 178.5 0.0 337.2
158 99.5 0.0 191.8





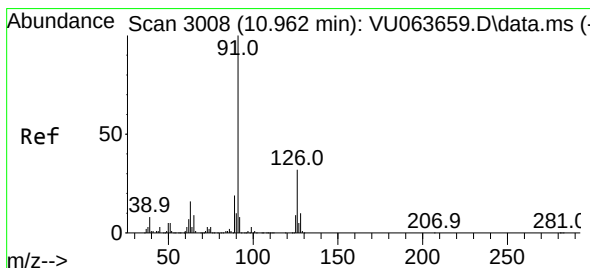
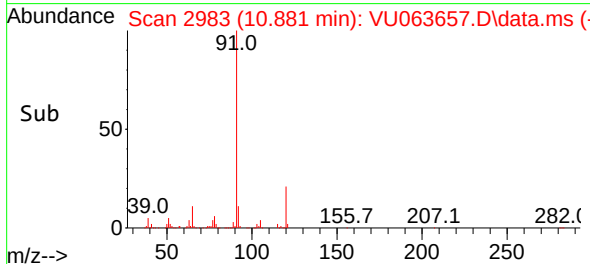
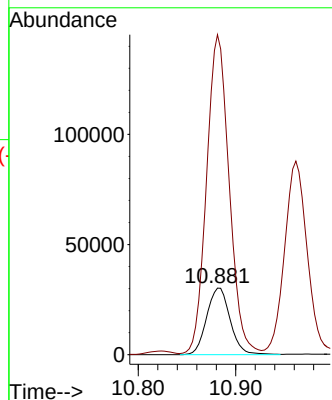
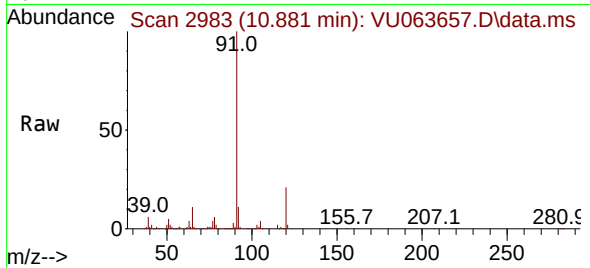
#73
n-propylbenzene
Concen: 2.290 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 5052
Ion Ratio Lower Upper
120 100
91 459.7 361.4 542.2

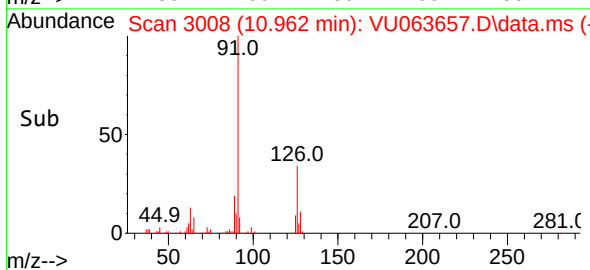
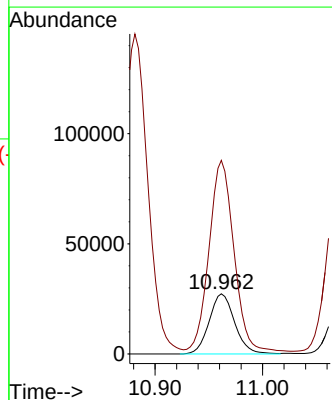
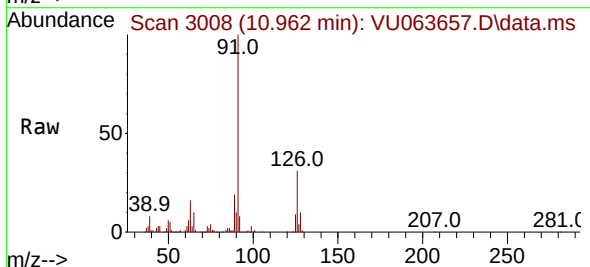
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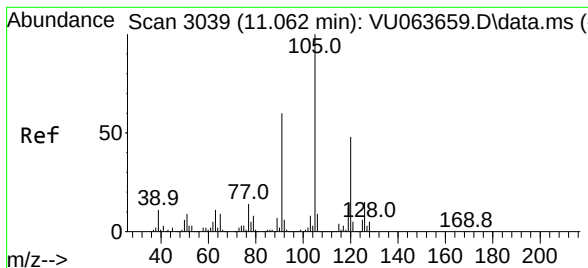
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#74
2-Chlorotoluene
Concen: 2.264 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:126 Resp: 44937
Ion Ratio Lower Upper
126 100
91 315.9 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 2.359 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 168862

Ion Ratio Lower Upper

105 100

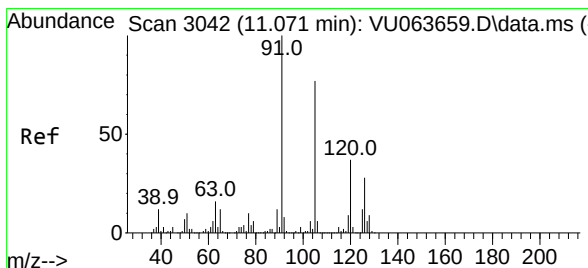
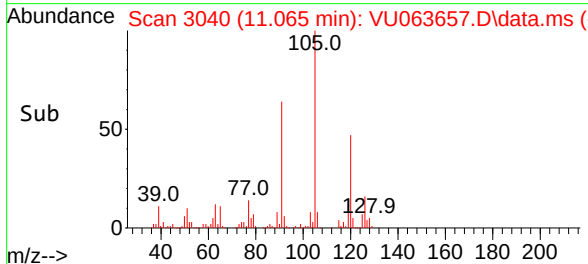
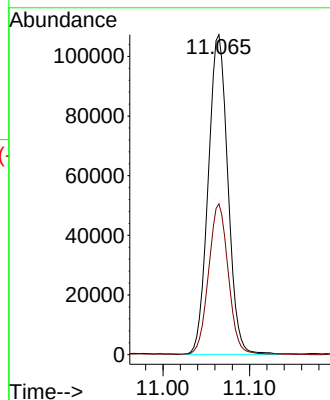
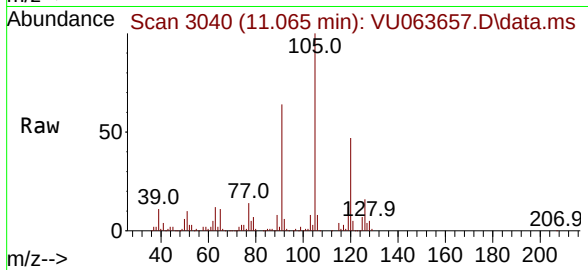
120 46.9 38.2 57.2

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#76

4-Chlorotoluene

Concen: 2.121 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063657.D

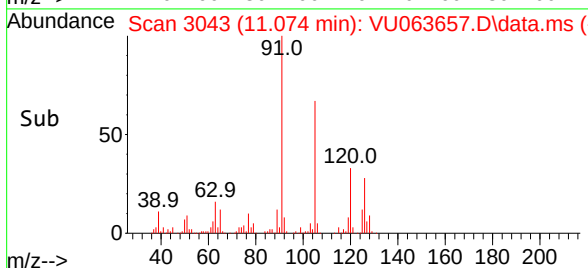
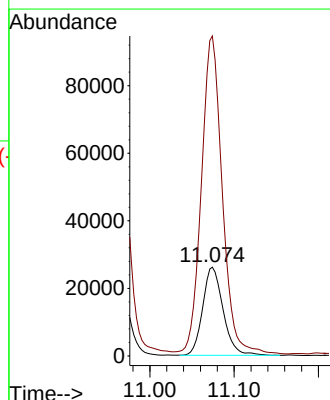
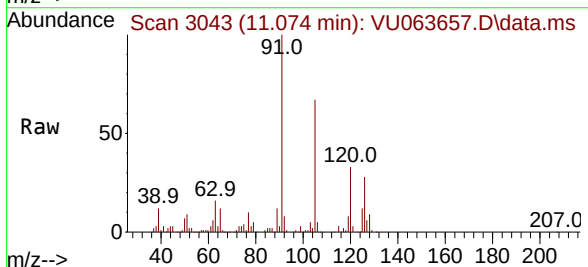
Acq: 31 Oct 2025 10:35

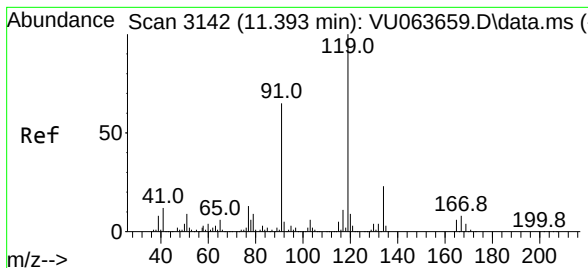
Tgt Ion:126 Resp: 43962

Ion Ratio Lower Upper

126 100

91 369.7 0.0 716.6





#77

tert-Butylbenzene

Concen: 2.371 ug/l

RT: 11.393 min Scan# 3142

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:119 Resp: 16483

Ion Ratio Lower Upper

119 100

91 63.8 31.3 93.8

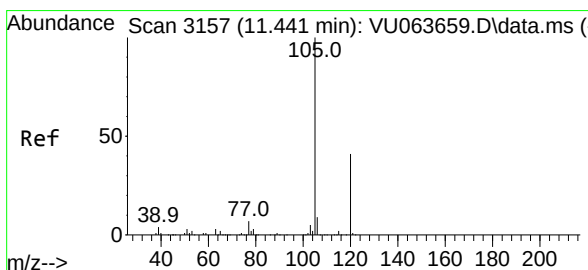
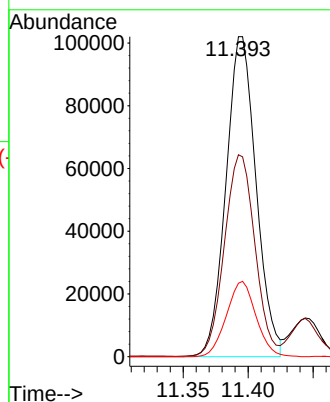
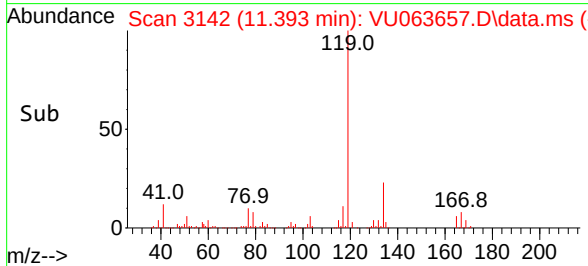
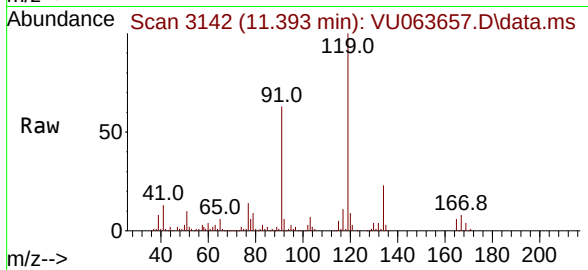
134 23.1 18.7 28.1

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#78

1,2,4-Trimethylbenzene

Concen: 2.313 ug/l

RT: 11.444 min Scan# 3158

Delta R.T. 0.003 min

Lab File: VU063657.D

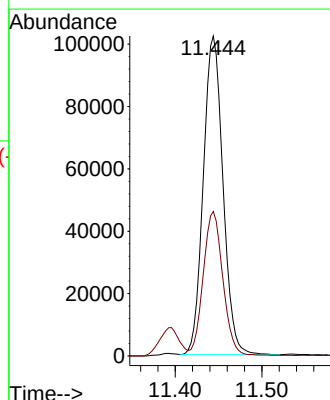
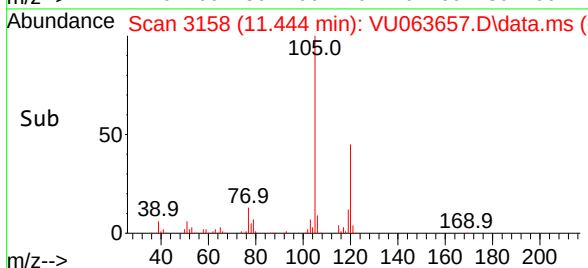
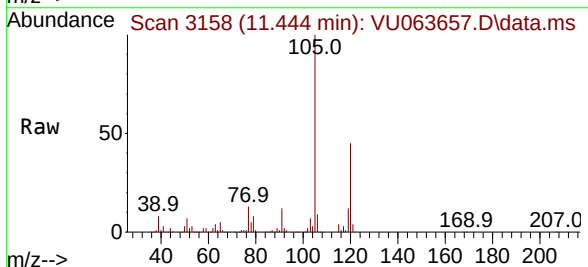
Acq: 31 Oct 2025 10:35

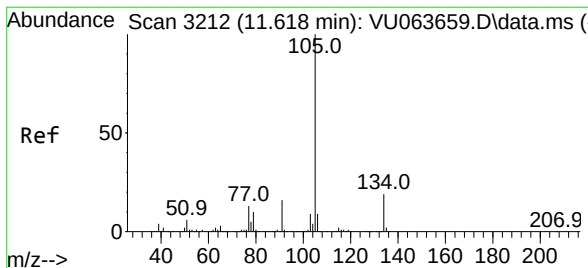
Tgt Ion:105 Resp: 161082

Ion Ratio Lower Upper

105 100

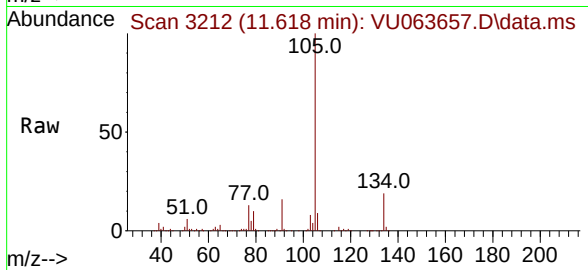
120 45.0 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 2.327 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

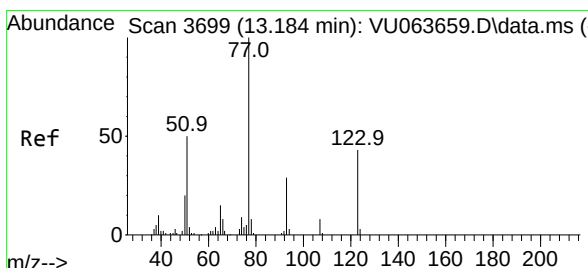
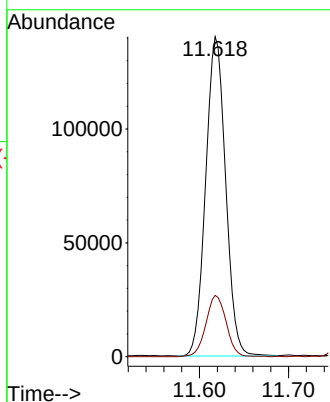
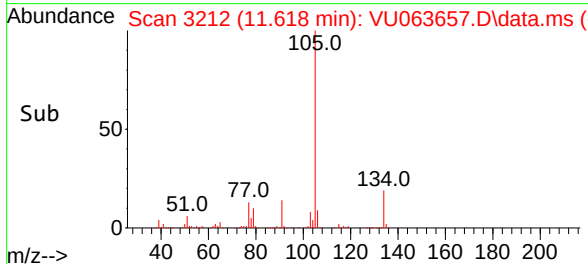
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



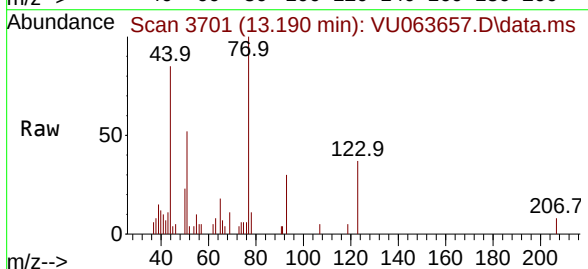
Tgt Ion:105 Resp: 21807
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5

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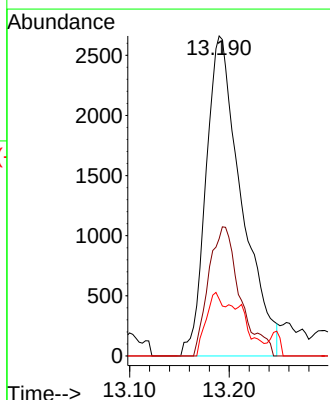
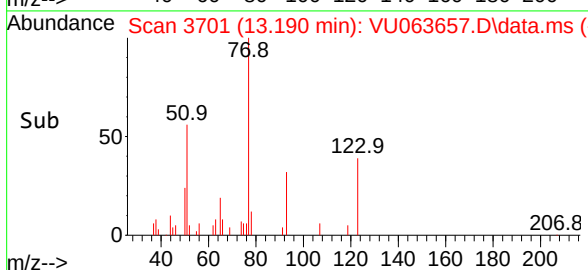
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

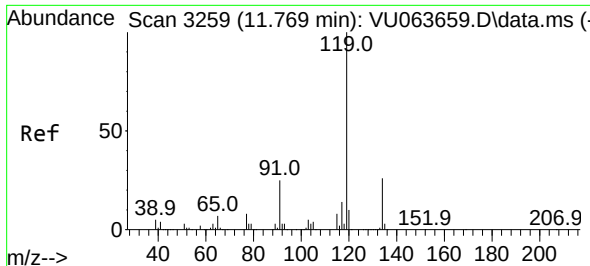


#80
 Nitrobenzene
 Concen: 22.584 ug/l m
 RT: 13.190 min Scan# 3701
 Delta R.T. 0.006 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35



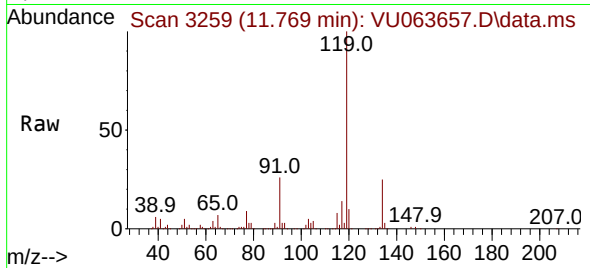
Tgt Ion: 77 Resp: 6585
 Ion Ratio Lower Upper
 77 100
 123 35.8 18.2 64.4
 65 10.0 13.6 17.2#





#81
 p-Isopropyltoluene
 Concen: 2.300 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35

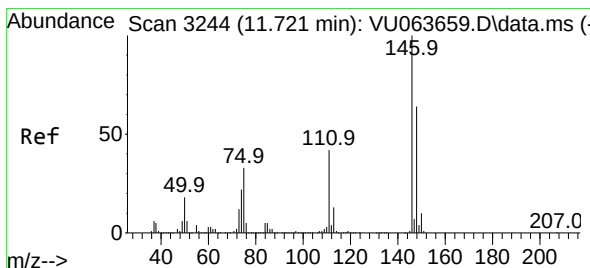
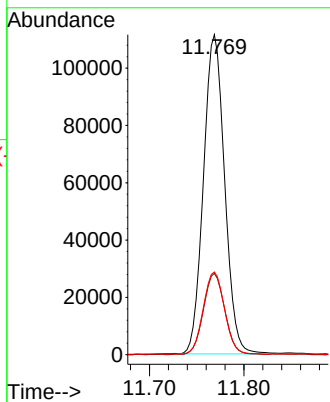
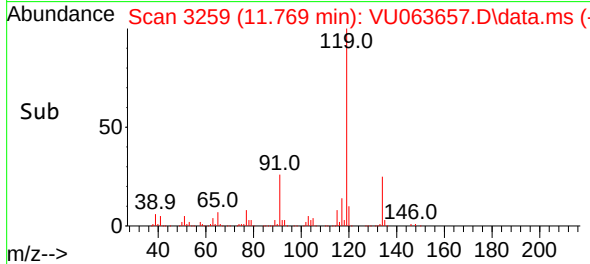
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



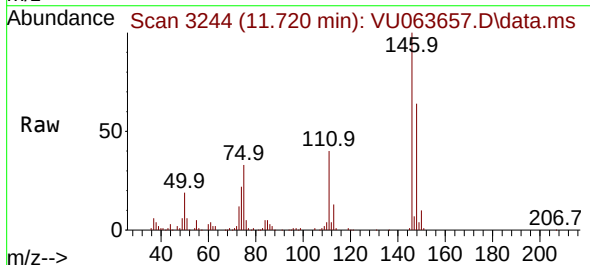
Tgt Ion:119 Resp: 173369
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.3 30.5
 91 25.7 20.1 30.1

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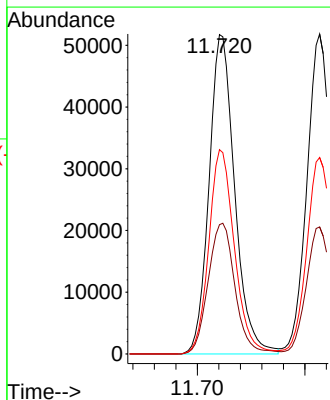
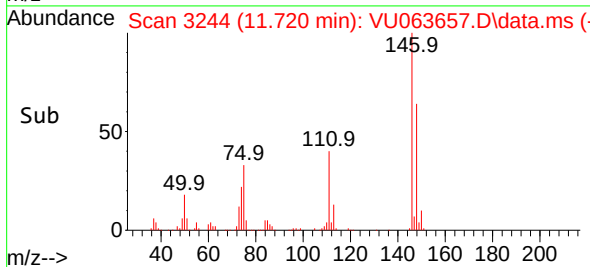
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

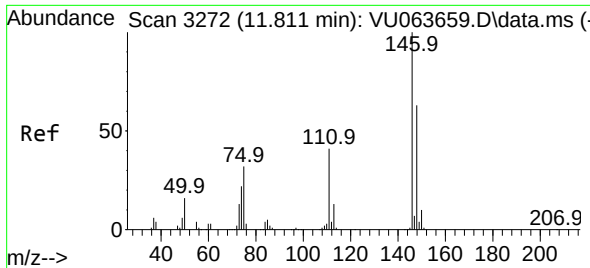


#82
 1,3-Dichlorobenzene
 Concen: 2.168 ug/l
 RT: 11.720 min Scan# 3244
 Delta R.T. -0.000 min
 Lab File: VU063657.D
 Acq: 31 Oct 2025 10:35



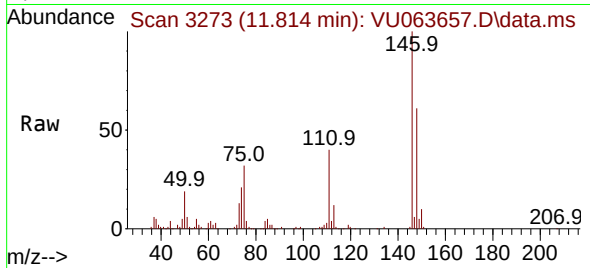
Tgt Ion:146 Resp: 85593
 Ion Ratio Lower Upper
 146 100
 111 42.9 33.8 50.8
 148 64.0 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 2.099 ug/l
RT: 11.814 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

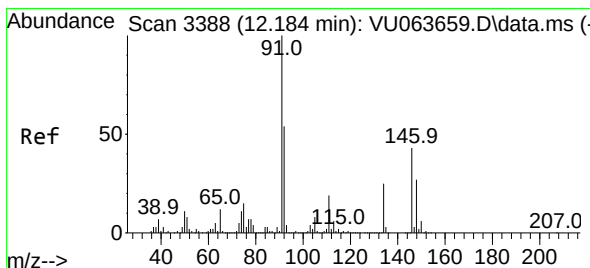
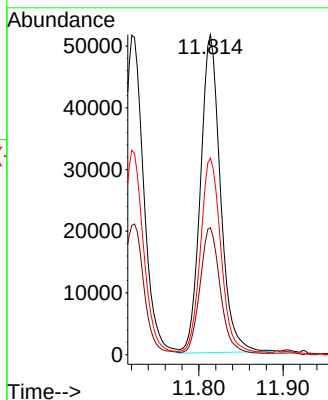
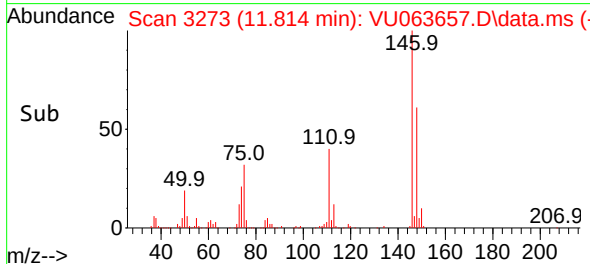
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



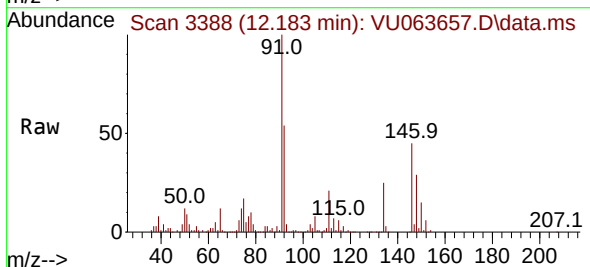
Tgt Ion:146 Resp: 84998
Ion Ratio Lower Upper
146 100
111 40.2 33.0 49.4
148 63.3 50.6 76.0

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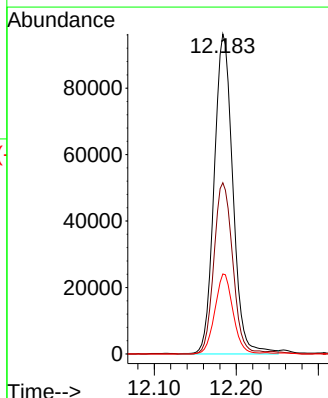
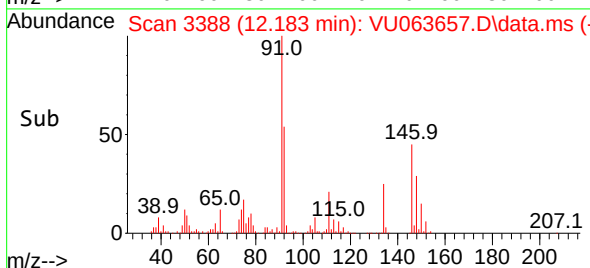
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

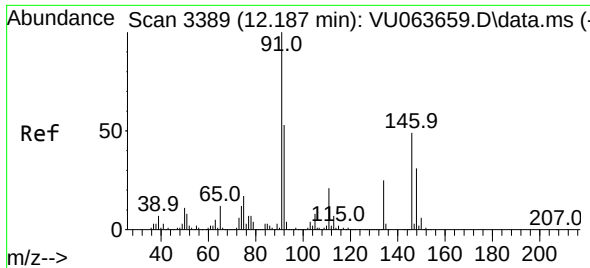


#84
n-Butylbenzene
Concen: 2.163 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35



Tgt Ion: 91 Resp: 152478
Ion Ratio Lower Upper
91 100
92 53.9 43.1 64.7
134 24.4 19.7 29.5





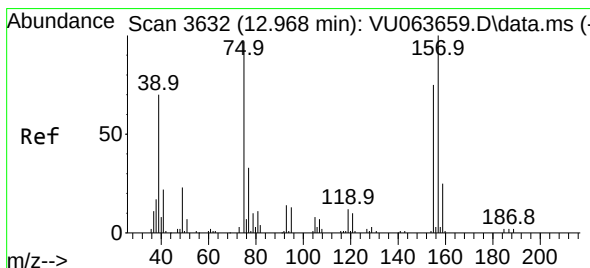
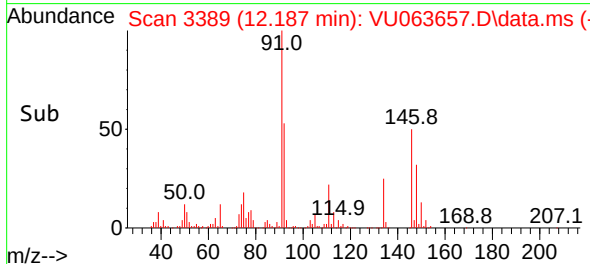
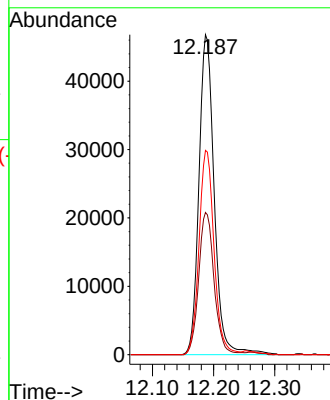
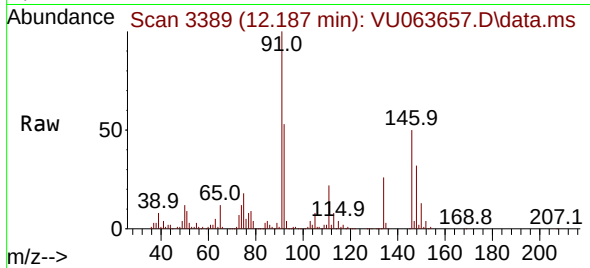
#85
1,2-Dichlorobenzene
Concen: 2.139 ug/l
RT: 12.187 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 8129
Ion Ratio Lower Upper
146 100
111 45.1 22.2 66.6
148 62.7 31.9 95.5

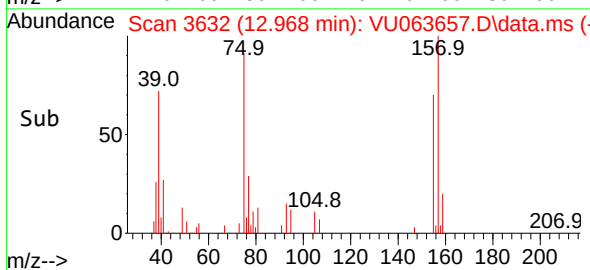
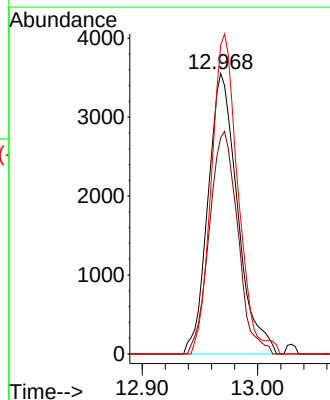
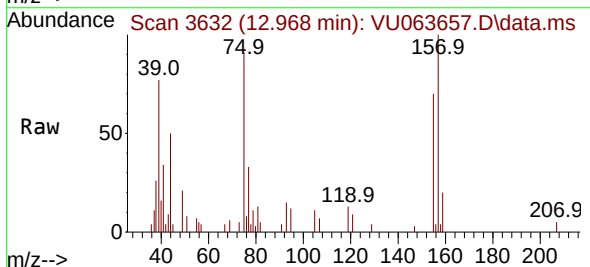
Manual Integrations
APPROVED

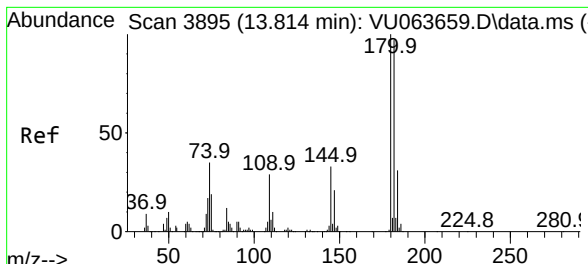
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.649 ug/l
RT: 12.968 min Scan# 3632
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

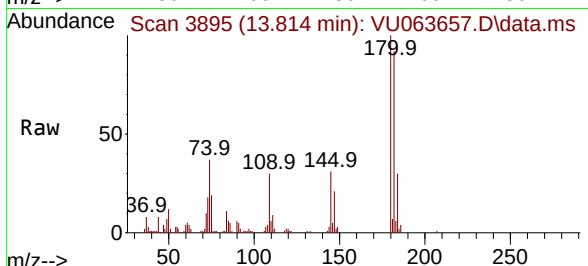
Tgt Ion: 75 Resp: 6305
Ion Ratio Lower Upper
75 100
155 76.2 62.2 93.4
157 103.0 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 2.116 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

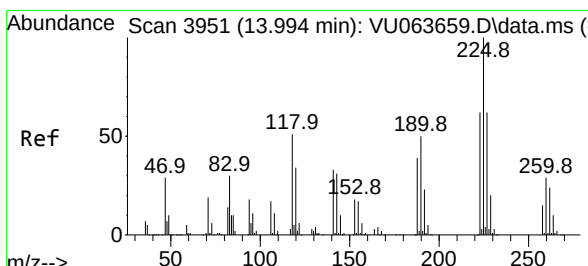
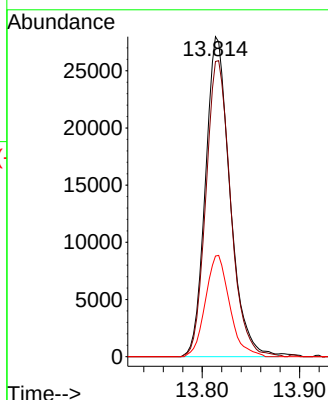
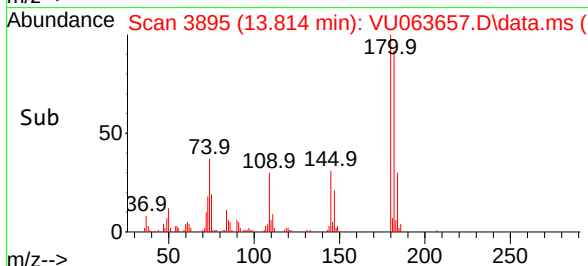
Instrument : MSVOA_U
ClientSampleId : VSTDICC002



Tgt Ion:180 Resp: 49004
Ion Ratio Lower Upper
180 100
182 93.2 76.4 114.6
145 31.2 26.2 39.2

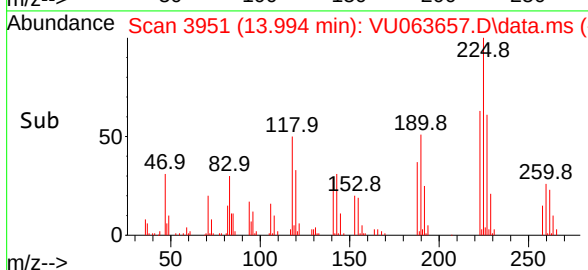
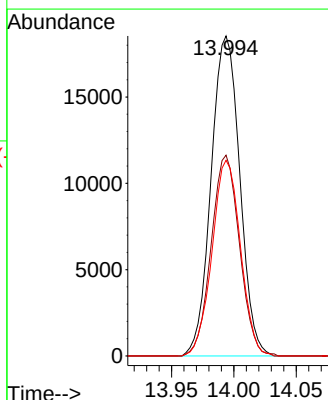
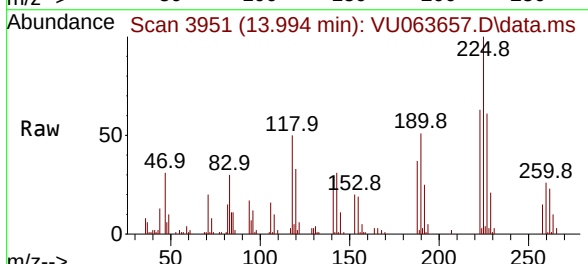
Manual Integrations
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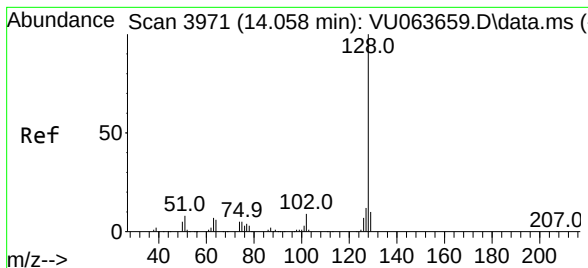
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#88
Hexachlorobutadiene
Concen: 2.087 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063657.D
Acq: 31 Oct 2025 10:35

Tgt Ion:225 Resp: 29712
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.4
227 60.6 50.0 75.0





#89

Naphthalene

Concen: 2.169 ug/l

RT: 14.064 min Scan# 3971

Delta R.T. 0.006 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

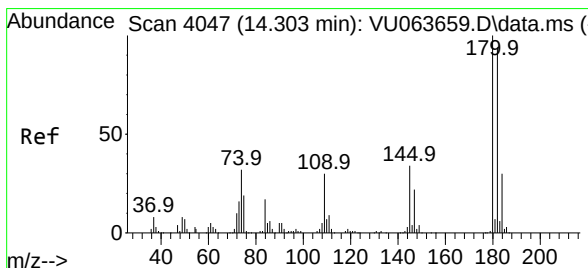
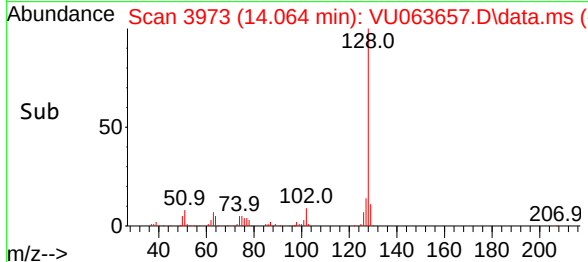
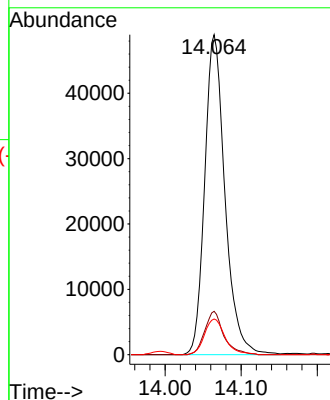
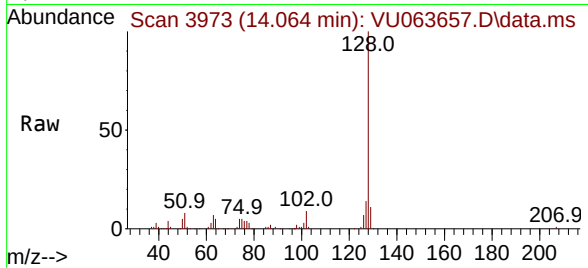
Tgt Ion:128	Resp: 90709
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.2
129 11.3	8.6 12.8

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#90

1,2,3-Trichlorobenzene

Concen: 2.046 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063657.D

Acq: 31 Oct 2025 10:35

Tgt Ion:180	Resp: 44738
Ion Ratio	Lower Upper
180 100	
182 94.2	75.4 113.0
145 34.4	27.4 41.2

