

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063660.D
 Acq On : 31 Oct 2025 13:06
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 00:16:42 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	6.084	96	57798	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	28283	1.262	ug/l	0.00
Spiked Amount 1.000			Recovery	=	126.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	24702	1.107	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	356768	18.138	ug/l	99
3) Chloromethane	1.509	50	324981	17.092	ug/l	99
4) Vinyl Chloride	1.589	62	344152	16.785	ug/l	100
5) Bromomethane	1.827	94	193125	15.345	ug/l	97
6) Chloroethane	1.911	64	212010	16.197	ug/l	98
7) Trichlorofluoromethane	2.116	101	501635	16.747	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	269829	16.136	ug/l	99
9) 1,1-Dichloroethene	2.557	96	257778	16.892	ug/l	99
10) Iodomethane	2.695	142	400533	18.093	ug/l	98
11) Allyl Chloride	2.894	41	398544	15.912	ug/l	98
12) Acrylonitrile	3.284	53	134024	29.736	ug/l	95
13) Acetone	2.602	43	561014	83.640	ug/l	99
14) Carbon Disulfide	2.766	76	723730	21.507	ug/l	99
15) Methylene Chloride	3.013	84	295435	14.806	ug/l	98
16) trans-1,2-Dichloroethene	3.322	96	281778	17.167	ug/l	99
17) 1,1-Dichloroethane	3.833	63	557599	15.226	ug/l	100
18) 2-Butanone	4.682	43	604204	80.894	ug/l	100
19) Cyclohexane	5.348	56	433709	14.871	ug/l	99
20) Methylcyclohexane	6.730	83	505874	18.042	ug/l	99
21) 2,2-Dichloropropane	4.628	77	503995	18.035	ug/l	99
22) cis-1,2-Dichloroethene	4.631	96	321125	16.160	ug/l	97
23) Diethyl Ether	2.358	59	213496	15.878	ug/l	99
24) tert-Butyl Alcohol	3.161	59	290196	156.344	ug/l	99
25) Methyl tert-Butyl Ether	3.338	73	756835	16.611	ug/l	99
26) Bromochloromethane	4.939	128	132882	16.482	ug/l	99
27) Chloroform	5.055	83	573799	15.635	ug/l	98
28) 1,1,1-Trichloroethane	5.280	97	505625	17.527	ug/l	99
29) 1,1-Dichloropropene	5.489	75	430553	16.190	ug/l	99
30) Carbon Tetrachloride	5.489	117	421747	19.599	ug/l	98
31) Isopropyl Ether	3.965	45	878655	14.414	ug/l	99
32) Ethyl-t-butyl ether	4.476	59	831689	15.663	ug/l	100
33) Tert-Amyl methyl ether	5.920	73	732351	16.088	ug/l	99
34) Propionitrile	4.747	54	118675	69.663	ug/l	96
35) Benzene	5.740	78	1199894	15.847	ug/l	99
36) 1,2-Dichloroethane	5.766	62	380698	14.934	ug/l	100
37) Trichloroethene	6.512	130	319341	16.682	ug/l	99
38) 1,2-Dichloropropane	6.762	63	319443	15.990	ug/l	100
39) Methacrylonitrile	4.949	41	104794	13.042	ug/l	98
40) Methyl acrylate	4.820	55	164196	14.895	ug/l	98
41) Tetrahydrofuran	5.033	42	107362	25.725	ug/l	99
42) 1-Chlorobutane	5.425	56	591114	15.947	ug/l	96
43) Dibromomethane	6.891	93	163871	16.575	ug/l	98
44) Bromodichloromethane	7.078	83	410466	19.107	ug/l	97

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Instrument :
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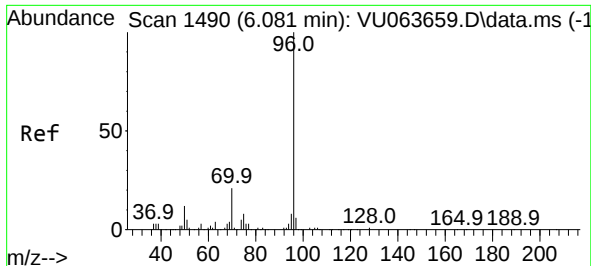
Manual Integrations
 APPROVED

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

Quant Time: Nov 03 00:16:42 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

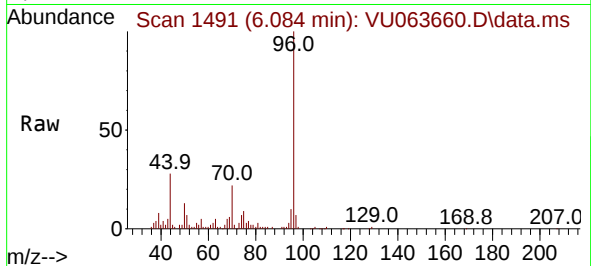
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	1021275	83.168	ug/l	99
46) t-1,4-Dichloro-2-butene	10.811	75	137983m	30.601	ug/l	
47) Methyl methacrylate	6.943	69	315354	35.289	ug/l	98
48) Ethyl methacrylate	8.315	69	332949	19.798	ug/l	100
49) Toluene	7.942	92	763269	17.952	ug/l	100
50) t-1,3-Dichloropropene	8.187	75	360259	21.702	ug/l	98
51) cis-1,3-Dichloropropene	7.582	75	457879	21.085	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	225160	16.284	ug/l	98
53) 1,3-Dichloropropane	8.550	76	416845	17.283	ug/l	99
54) 2-Hexanone	8.669	43	923906	99.709	ug/l	99
55) Dibromochloromethane	8.785	129	287530	20.710	ug/l	99
56) 1,2-Dibromoethane	8.901	107	220983	18.216	ug/l	100
58) Tetrachloroethene	8.524	164	322147	16.878	ug/l	98
59) Chlorobenzene	9.422	112	884846	18.308	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.508	131	303352	19.057	ug/l	99
61) Pentachloroethane	11.402	117	208476	18.386	ug/l	100
62) Hexachloroethane	12.450	117	243296	23.361	ug/l	100
63) Ethyl Benzene	9.544	91	1574408	18.940	ug/l	100
64) m/p-Xylenes	9.669	106	1176301	36.926	ug/l	99
65) o-Xylene	10.074	106	577235	18.131	ug/l	98
66) Styrene	10.090	104	953920	18.777	ug/l	100
67) Bromoform	10.267	173	153622	22.000	ug/l	99
69) Isopropylbenzene	10.460	105	1430142	18.490	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	297936	16.969	ug/l	99
71) 1,2,3-Trichloropropane	10.801	75	243453m	17.986	ug/l	
72) Bromobenzene	10.759	156	349354	17.564	ug/l	99
73) n-propylbenzene	10.881	120	412557	18.590	ug/l	99
74) 2-Chlorotoluene	10.962	126	352624	17.663	ug/l	99
75) 1,3,5-Trimethylbenzene	11.065	105	1332607	18.509	ug/l	99
76) 4-Chlorotoluene	11.074	126	359879	17.263	ug/l	99
77) tert-Butylbenzene	11.396	119	1293168	18.497	ug/l	100
78) 1,2,4-Trimethylbenzene	11.444	105	1319794	18.846	ug/l	100
79) sec-Butylbenzene	11.618	105	1727805	18.332	ug/l	99
80) Nitrobenzene	13.183	77	47264	161.171	ug/l #	98
81) p-Isopropyltoluene	11.769	119	1429360	18.851	ug/l	100
82) 1,3-Dichlorobenzene	11.720	146	679465	17.114	ug/l	100
83) 1,4-Dichlorobenzene	11.811	146	674845	16.567	ug/l	99
84) n-Butylbenzene	12.183	91	1317608	18.588	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	647332	16.935	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	50885	21.257	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	411899	17.684	ug/l	100
88) Hexachlorobutadiene	13.994	225	241747	16.884	ug/l	98
89) Naphthalene	14.061	128	740694	17.607	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	373922	16.999	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

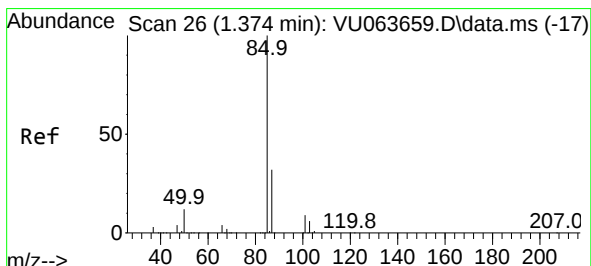
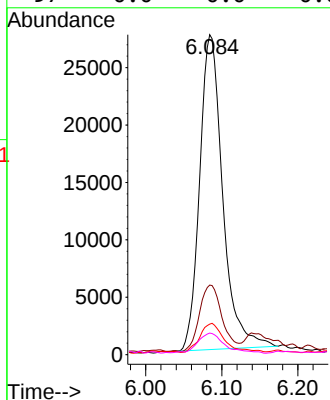
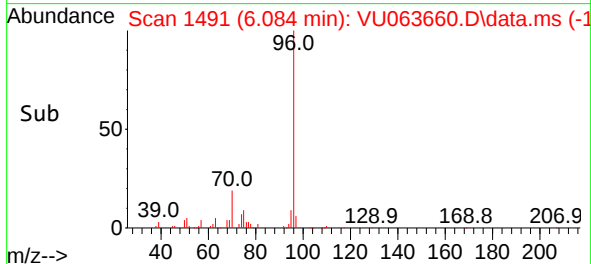
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 96 Resp: 57798
Ion Ratio Lower Upper
96 100
70 17.9 15.3 22.9
95 0.0 6.5 9.7
97 0.0 0.0 0.0

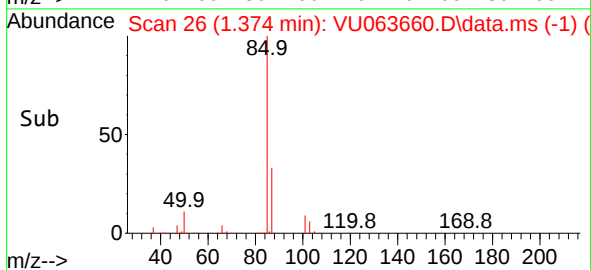
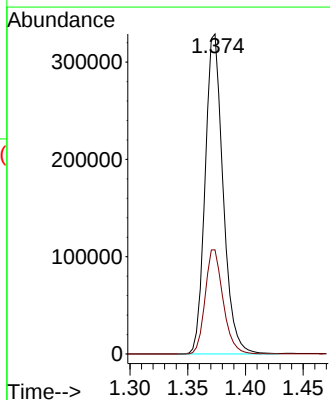
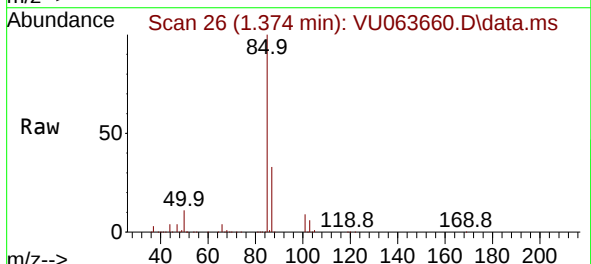
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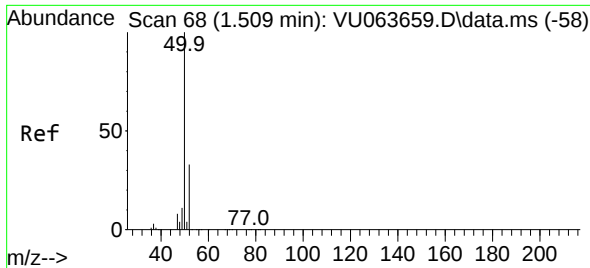
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#2
Dichlorodifluoromethane
Concen: 18.138 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

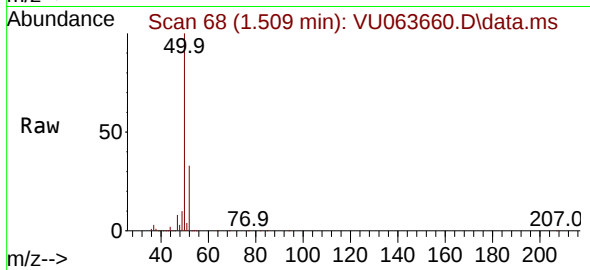
Tgt Ion: 85 Resp: 356768
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9





#3
Chloromethane
Concen: 17.092 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

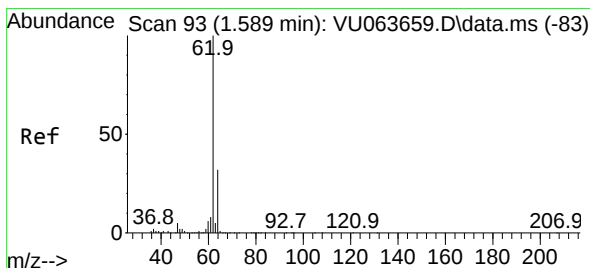
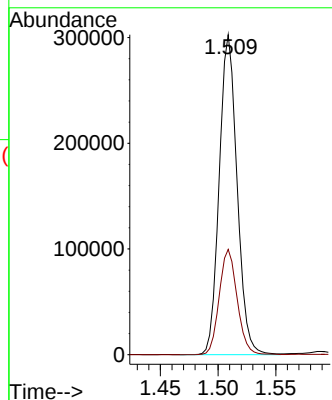
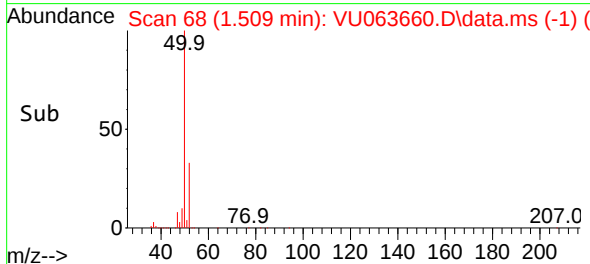
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 50 Resp: 32498
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

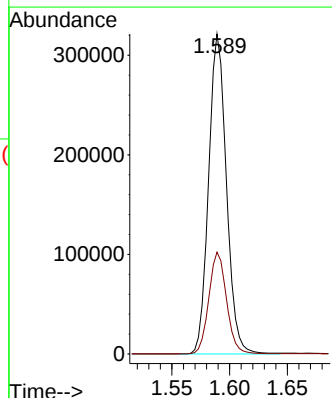
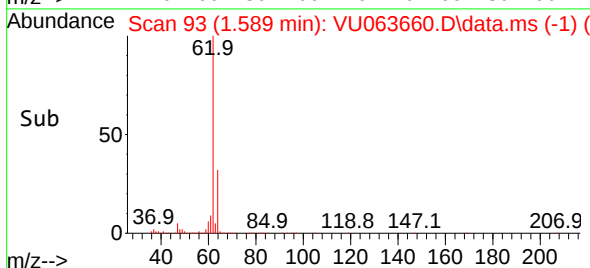
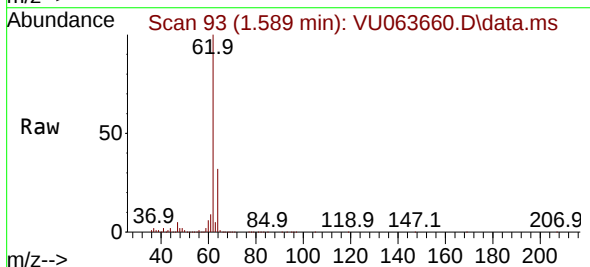
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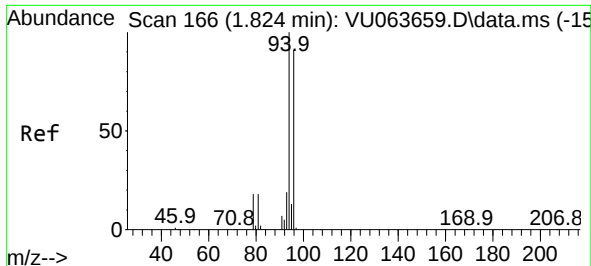
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#4
Vinyl Chloride
Concen: 16.785 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

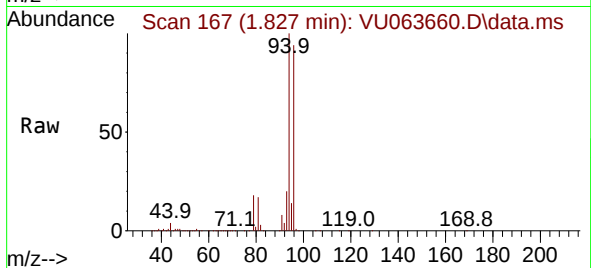
Tgt Ion: 62 Resp: 344152
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 15.345 ug/l
RT: 1.827 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

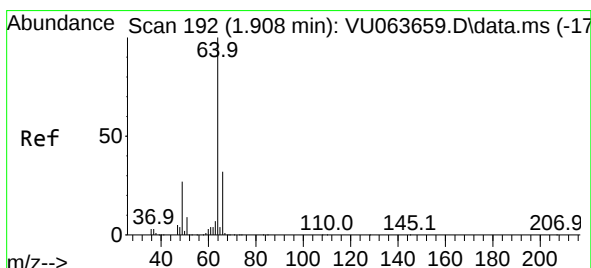
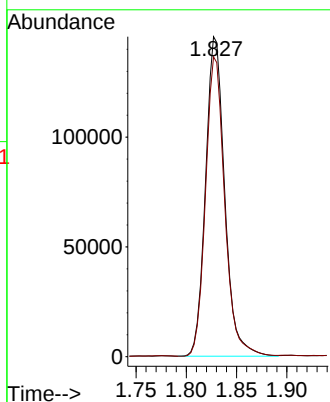
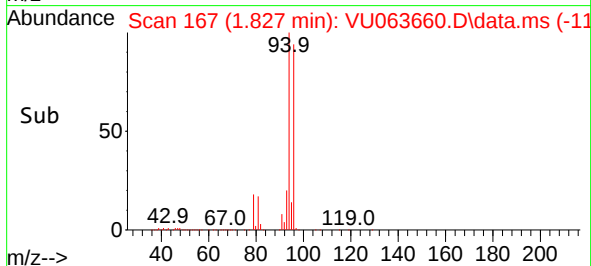
Instrument :
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ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 193125
Ion Ratio Lower Upper
94 100
96 93.7 73.0 109.6

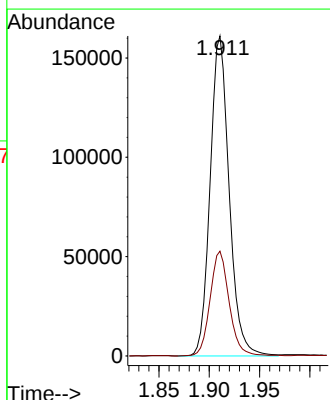
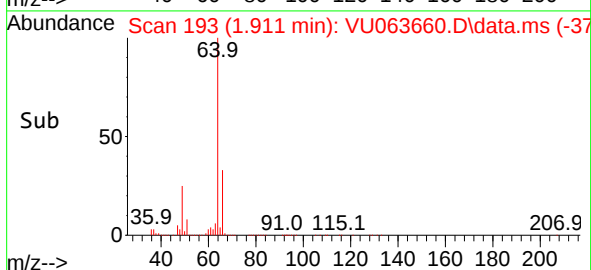
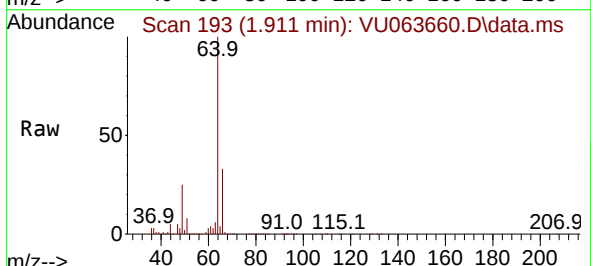
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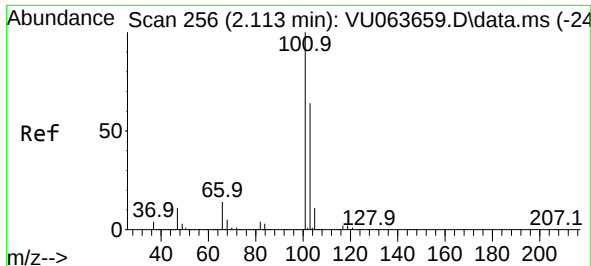
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#6
Chloroethane
Concen: 16.197 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

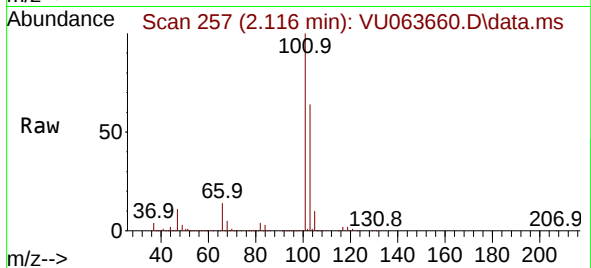
Tgt Ion: 64 Resp: 212010
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 16.747 ug/l
RT: 2.116 min Scan# 256
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

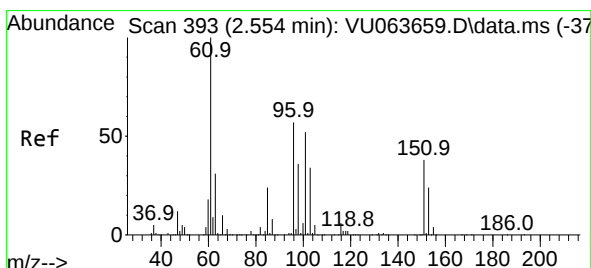
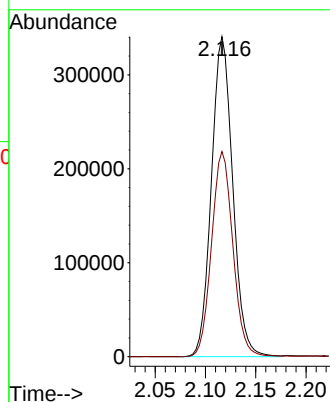
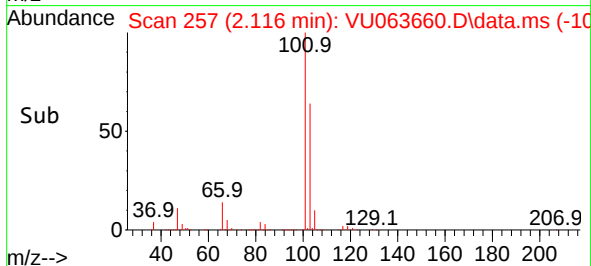
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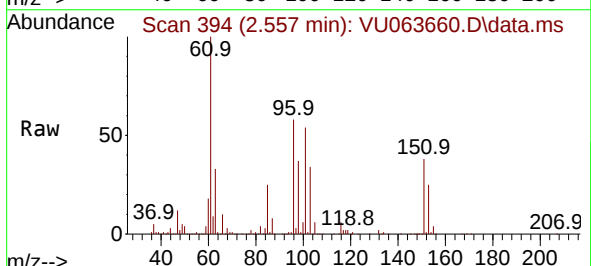
Tgt Ion:101 Resp: 501639
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

Manual Integrations
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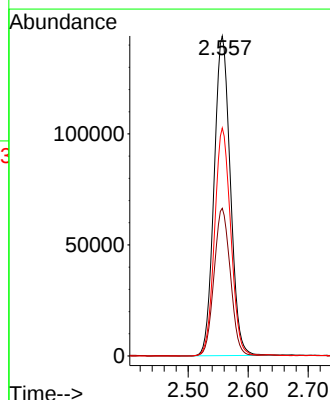
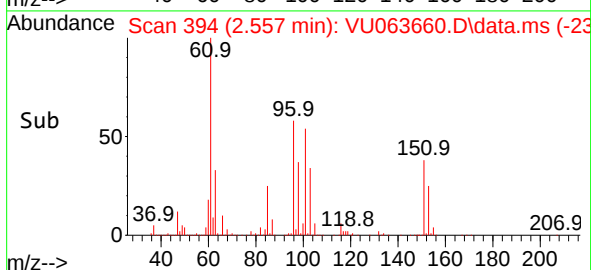
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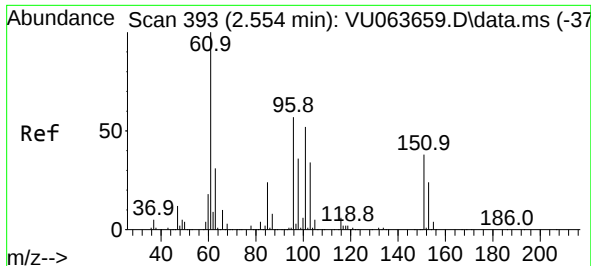


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.136 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



Tgt Ion:101 Resp: 269829
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.4
151 70.7 57.2 85.8





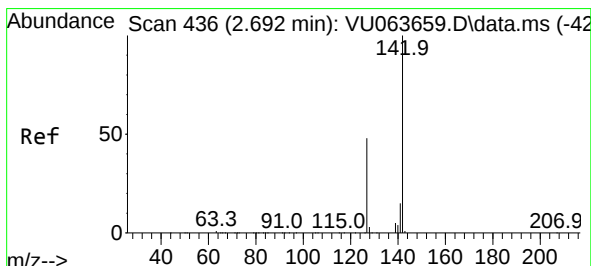
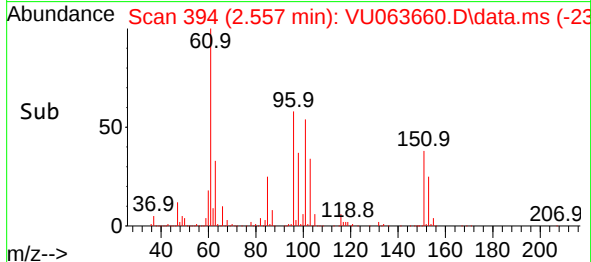
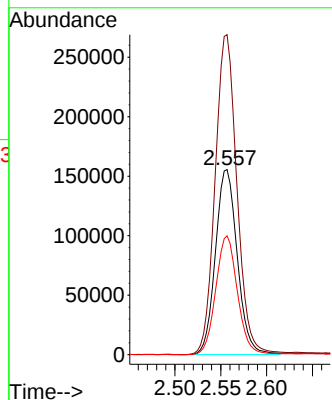
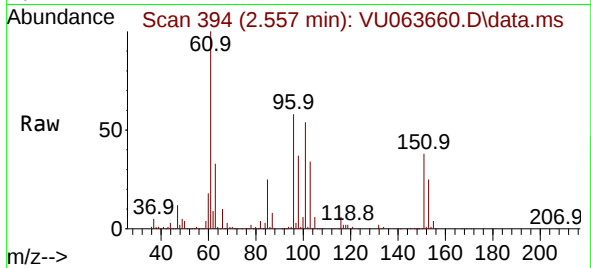
#9
1,1-Dichloroethene
Concen: 16.892 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96 Resp: 257778
Ion Ratio Lower Upper
96 100
61 173.1 0.0 524.7
98 64.3 0.0 126.8

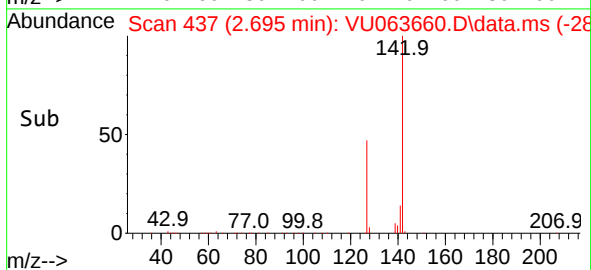
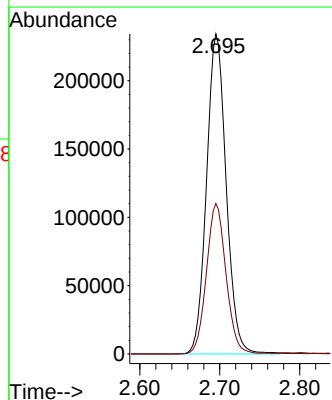
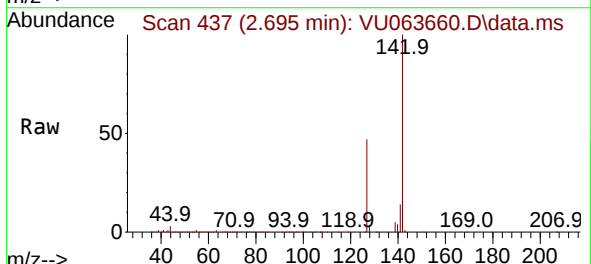
Manual Integrations
APPROVED

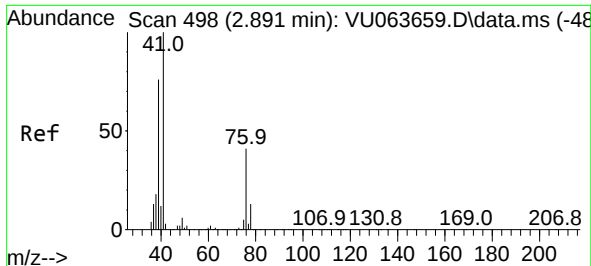
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#10
Iodomethane
Concen: 18.093 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

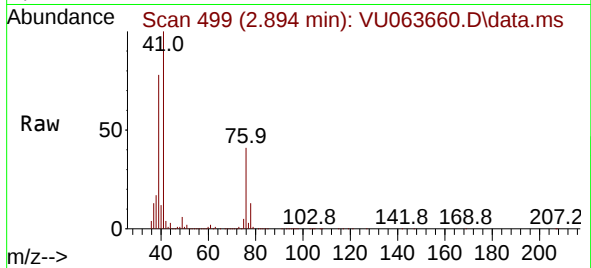
Tgt Ion:142 Resp: 400533
Ion Ratio Lower Upper
142 100
127 46.8 38.6 58.0





#11
 Allyl Chloride
 Concen: 15.912 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06

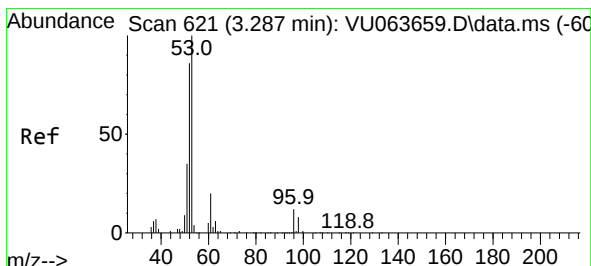
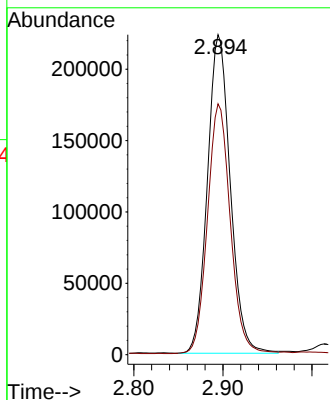
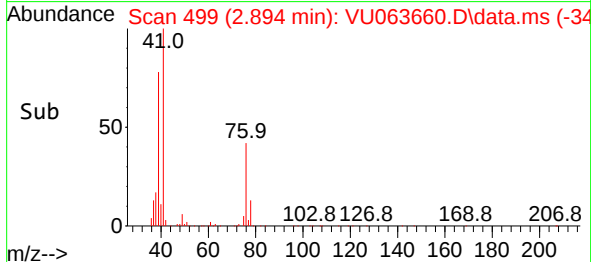
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



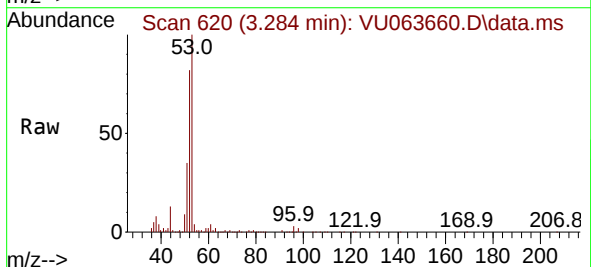
Tgt Ion: 41 Resp: 398544
 Ion Ratio Lower Upper
 41 100
 39 78.2 61.0 91.4

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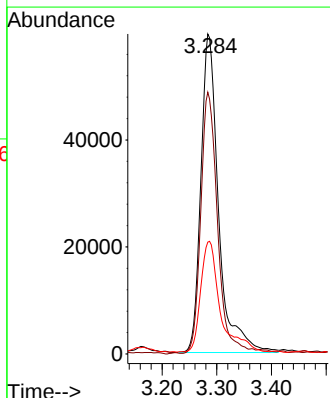
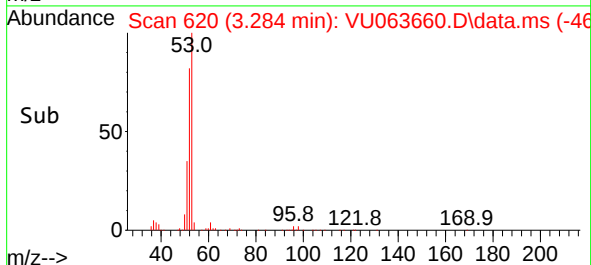
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

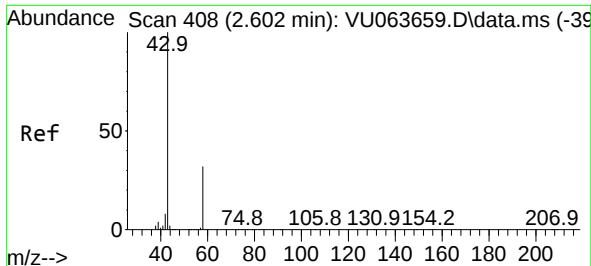


#12
 Acrylonitrile
 Concen: 29.736 ug/l
 RT: 3.284 min Scan# 620
 Delta R.T. -0.003 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06



Tgt Ion: 53 Resp: 134024
 Ion Ratio Lower Upper
 53 100
 52 77.3 65.4 98.0
 51 38.1 27.6 41.4





#13

Acetone

Concen: 83.640 ug/l

RT: 2.602 min Scan# 408

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 561014

Ion Ratio Lower Upper

43 100

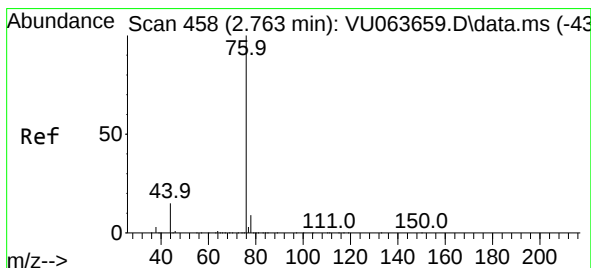
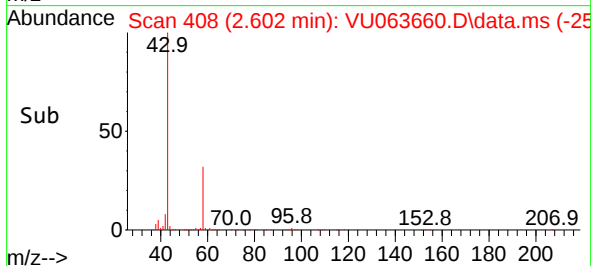
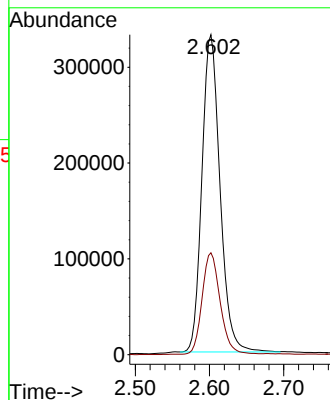
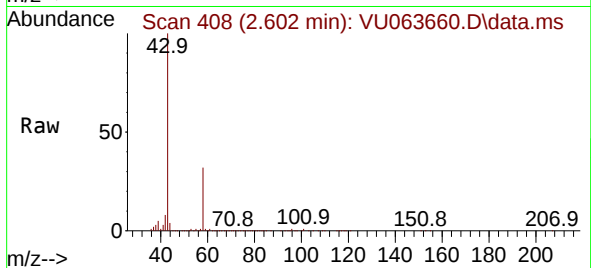
58 32.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#14

Carbon Disulfide

Concen: 21.507 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063660.D

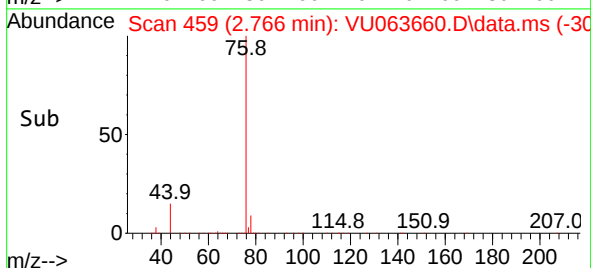
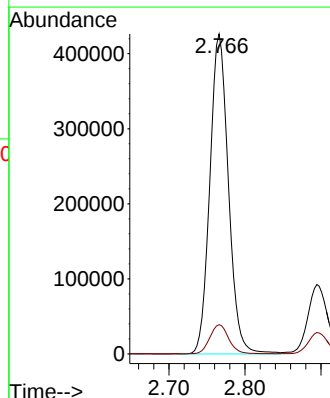
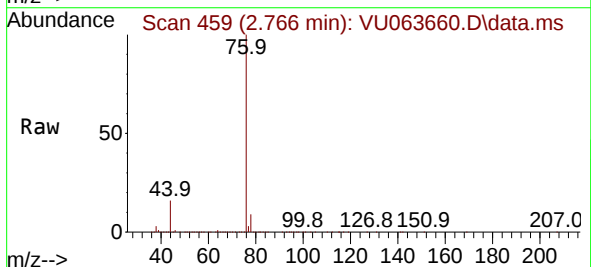
Acq: 31 Oct 2025 13:06

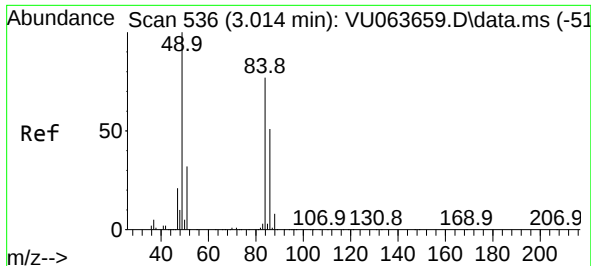
Tgt Ion: 76 Resp: 723730

Ion Ratio Lower Upper

76 100

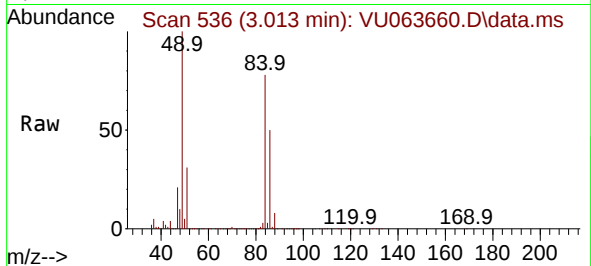
78 9.1 7.5 11.3





#15
Methylene Chloride
Concen: 14.806 ug/l
RT: 3.013 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

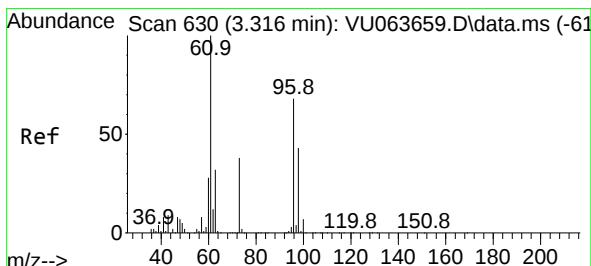
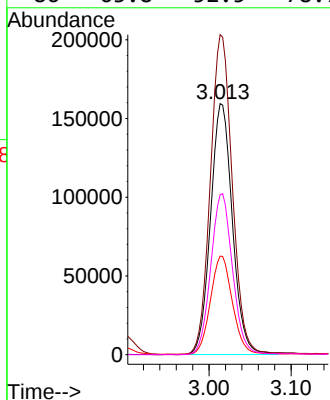
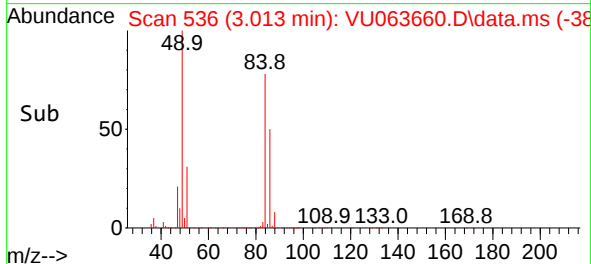
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 295438
Ion Ratio Lower Upper
84 100
49 127.6 103.4 155.0
51 39.1 0.0 81.6
86 63.8 52.5 78.7

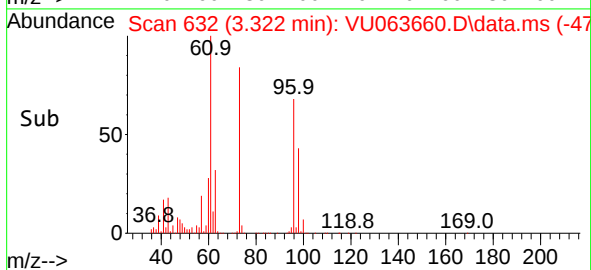
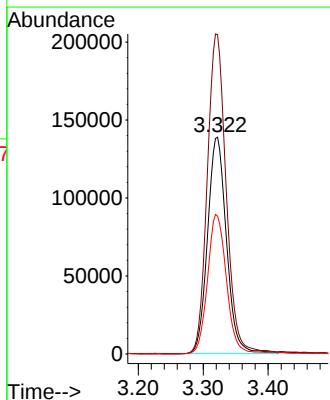
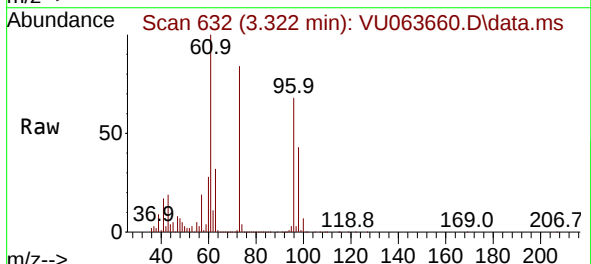
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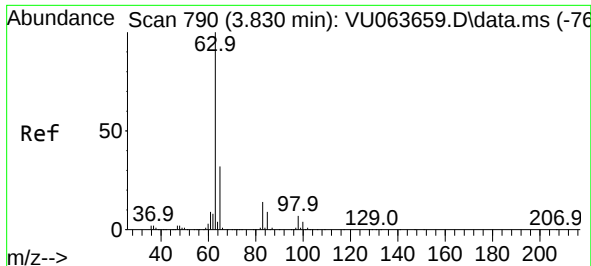
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#16
trans-1,2-Dichloroethene
Concen: 17.167 ug/l
RT: 3.322 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

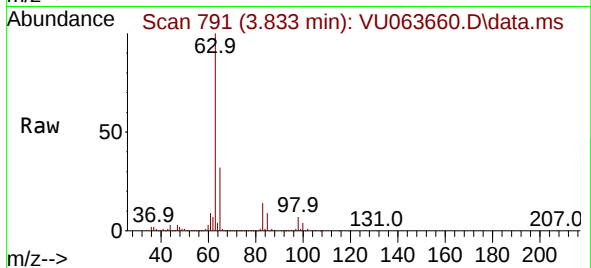
Tgt Ion: 96 Resp: 281778
Ion Ratio Lower Upper
96 100
61 147.4 117.4 176.2
98 63.7 49.9 74.9





#17
1,1-Dichloroethane
Concen: 15.226 ug/l
RT: 3.833 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

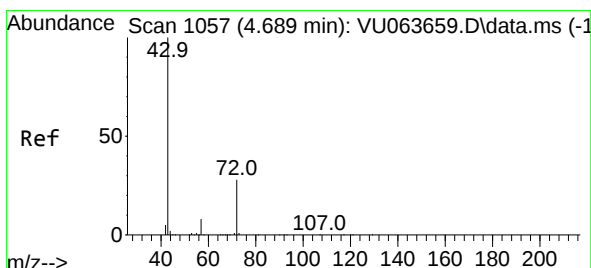
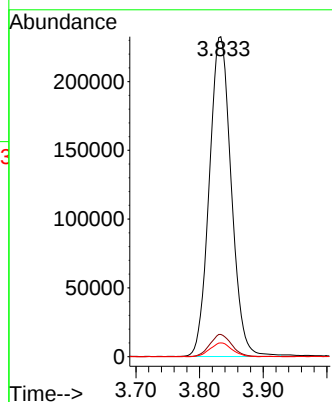
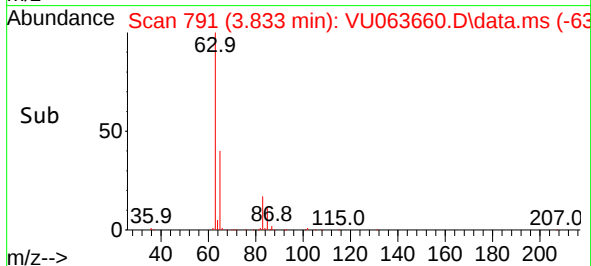
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 63 Resp: 557599
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.3 2.2 6.6

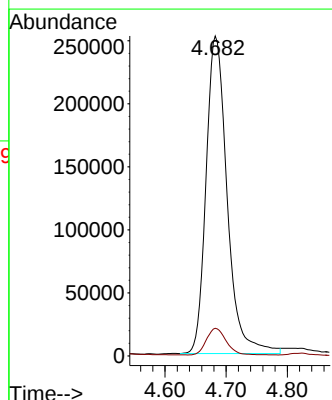
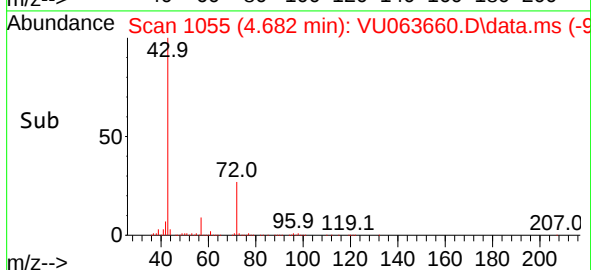
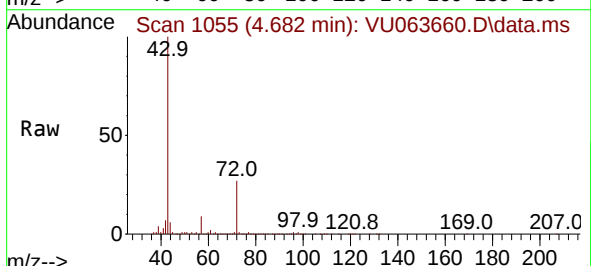
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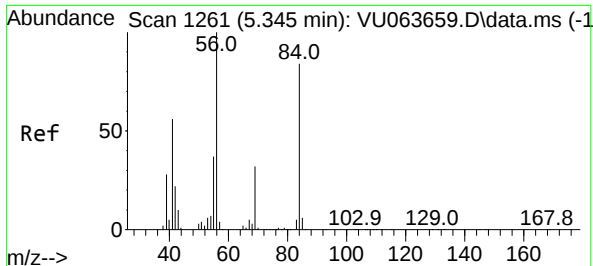
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#18
2-Butanone
Concen: 80.894 ug/l
RT: 4.682 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion: 43 Resp: 604204
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 14.871 ug/l

RT: 5.348 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063660.D

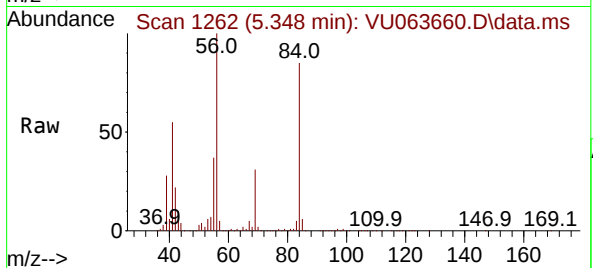
Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 56 Resp: 433709

Ion Ratio Lower Upper

56 100

69 34.4 27.1 40.7

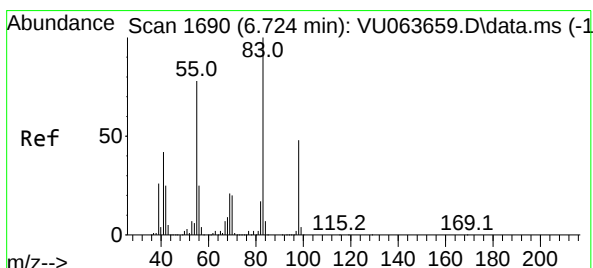
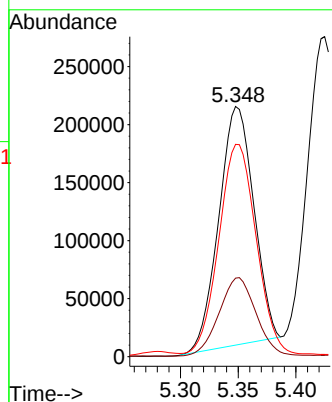
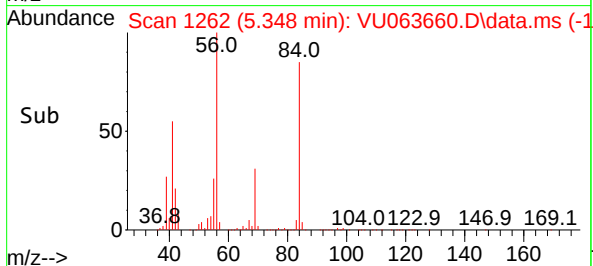
84 93.4 73.4 110.0

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#20

Methylcyclohexane

Concen: 18.042 ug/l

RT: 6.730 min Scan# 1692

Delta R.T. 0.006 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

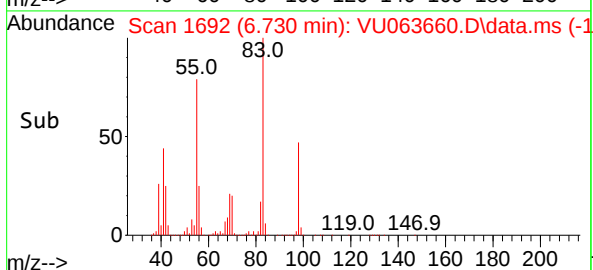
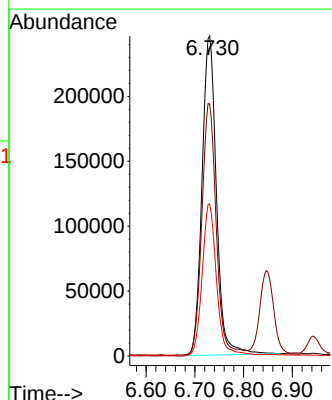
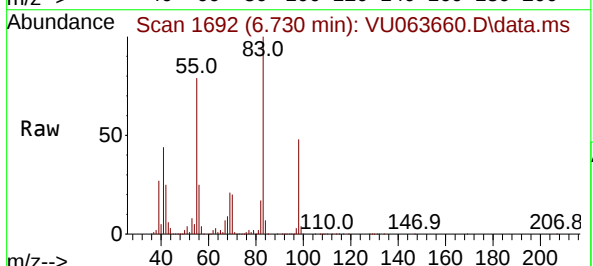
Tgt Ion: 83 Resp: 505874

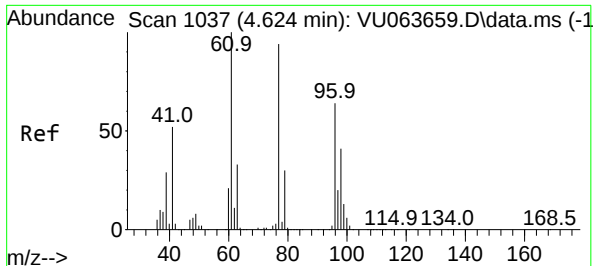
Ion Ratio Lower Upper

83 100

55 76.3 61.5 92.3

98 46.6 37.9 56.9





#21

2,2-Dichloropropane

Concen: 18.035 ug/l

RT: 4.628 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 77 Resp: 50399

Ion Ratio Lower Upper

77 100

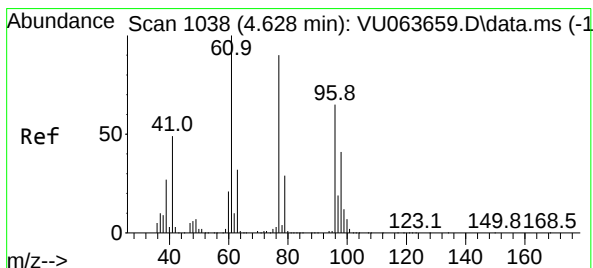
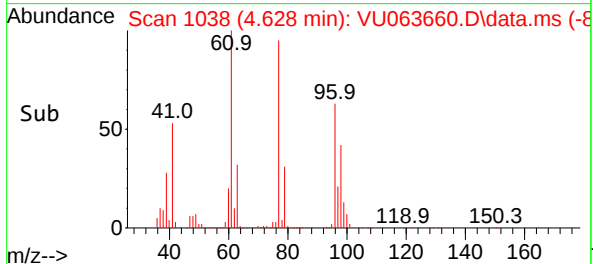
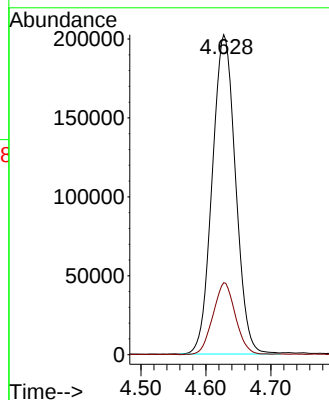
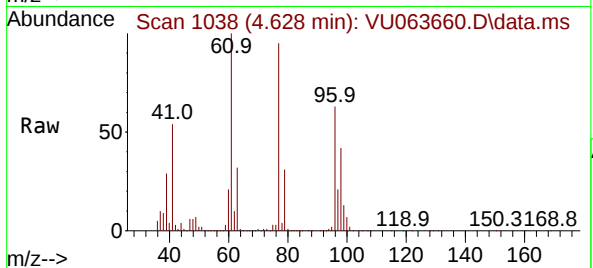
97 21.9 17.1 25.7

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: 16.160 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

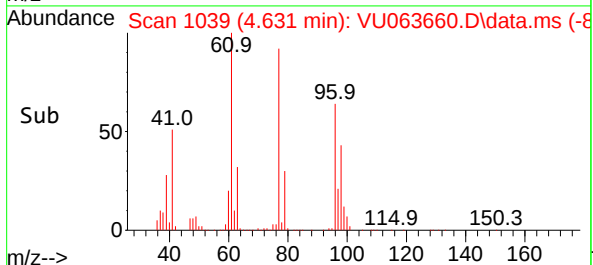
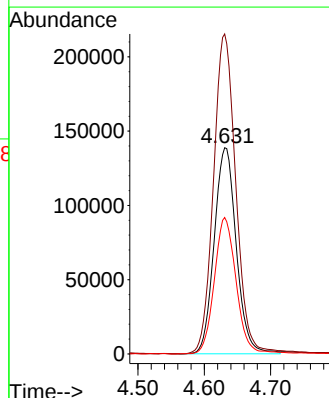
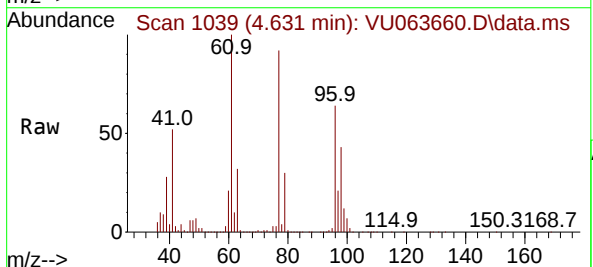
Tgt Ion: 96 Resp: 321125

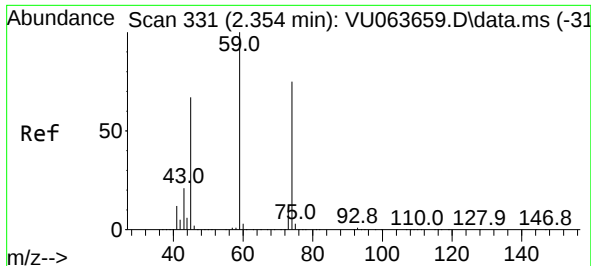
Ion Ratio Lower Upper

96 100

61 158.1 0.0 385.0

98 65.8 31.3 93.9





#23

Diethyl Ether

Concen: 15.878 ug/l

RT: 2.358 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 213490

Ion Ratio Lower Upper

59 100

45 66.8 52.6 78.8

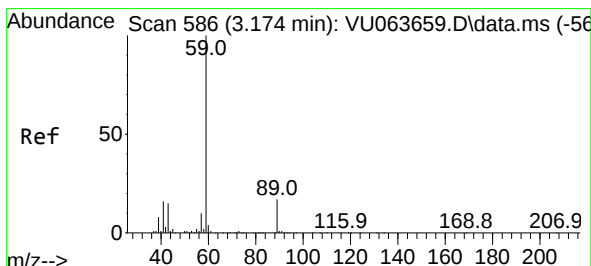
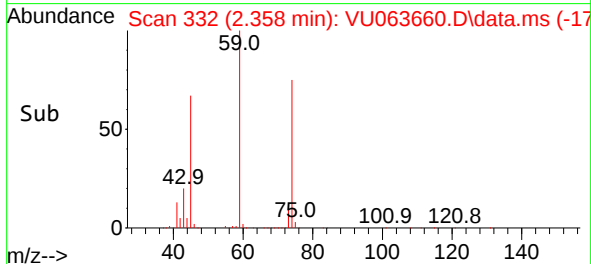
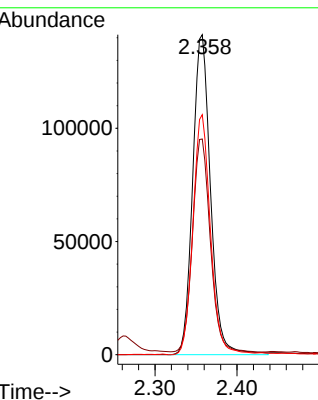
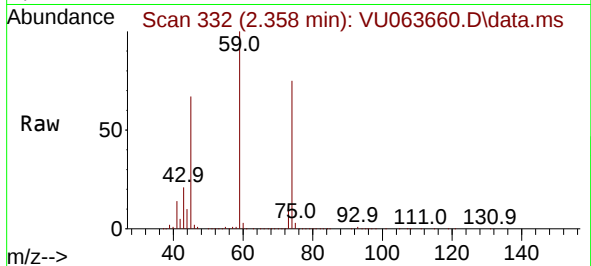
74 73.8 59.4 89.2

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#24

tert-Butyl Alcohol

Concen: 156.344 ug/l

RT: 3.161 min Scan# 582

Delta R.T. -0.013 min

Lab File: VU063660.D

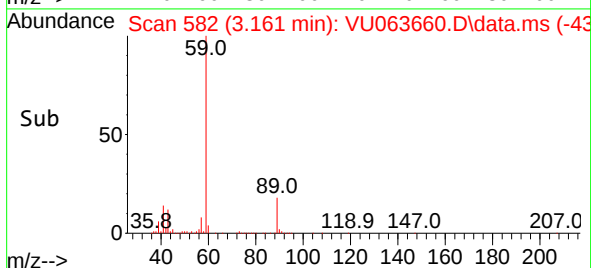
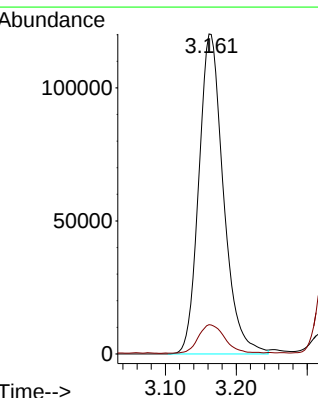
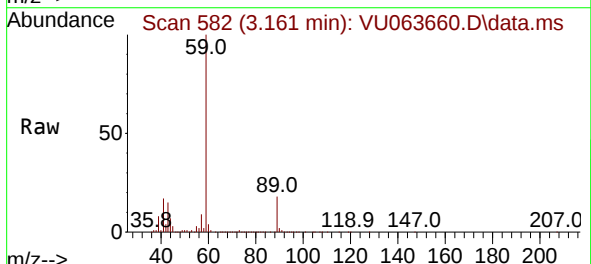
Acq: 31 Oct 2025 13:06

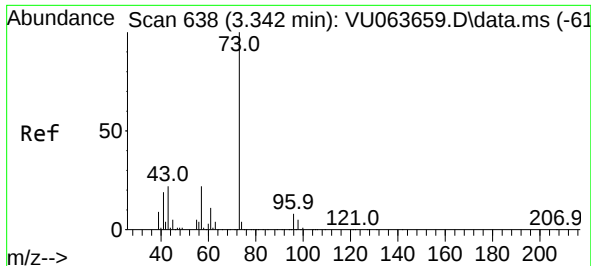
Tgt Ion: 59 Resp: 290196

Ion Ratio Lower Upper

59 100

57 9.5 7.2 10.8





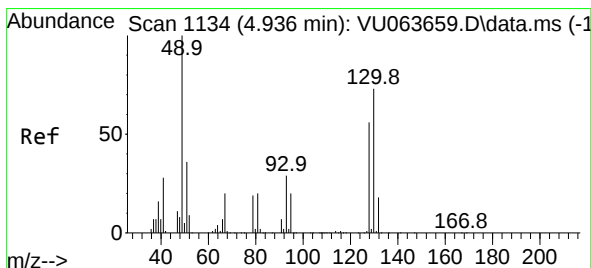
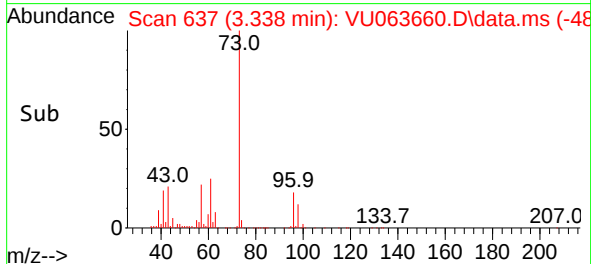
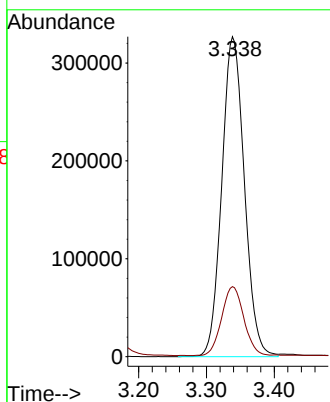
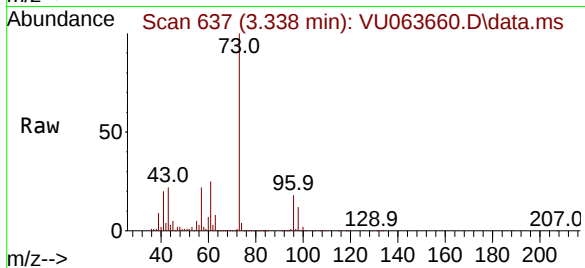
#25
Methyl tert-Butyl Ether
Concen: 16.611 ug/l
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 73 Resp: 75683
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0

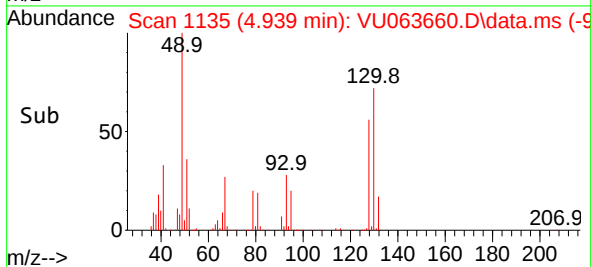
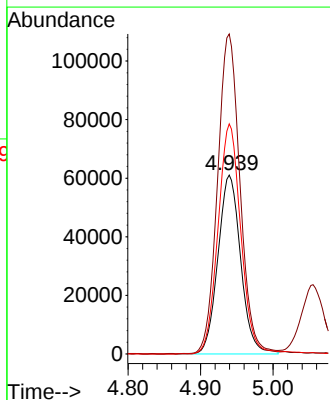
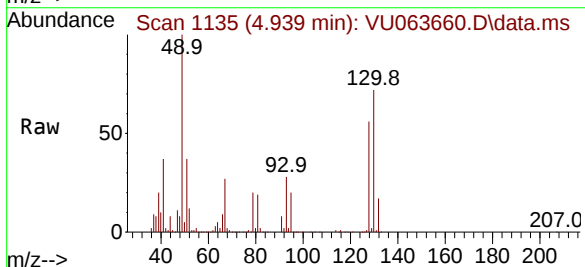
Manual Integrations
APPROVED

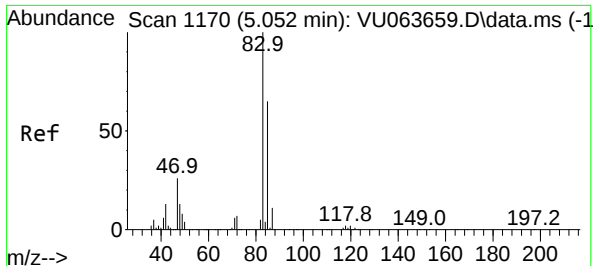
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#26
Bromochloromethane
Concen: 16.482 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion:128 Resp: 132882
Ion Ratio Lower Upper
128 100
49 176.8 0.0 349.6
130 129.6 102.7 154.1





#27

Chloroform

Concen: 15.635 ug/l

RT: 5.055 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 573799

Ion Ratio Lower Upper

83 100

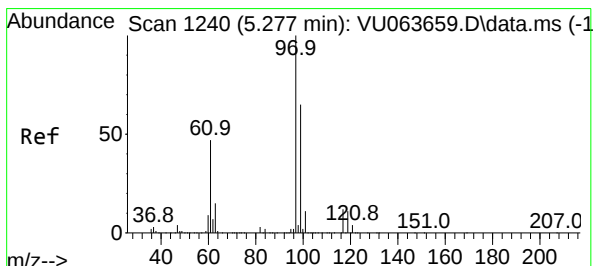
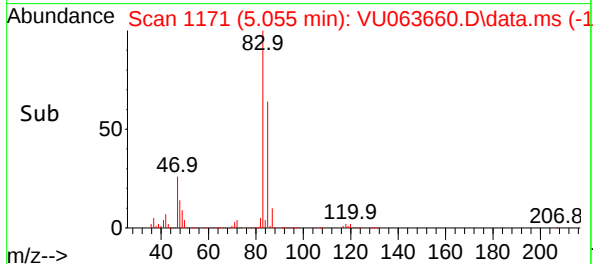
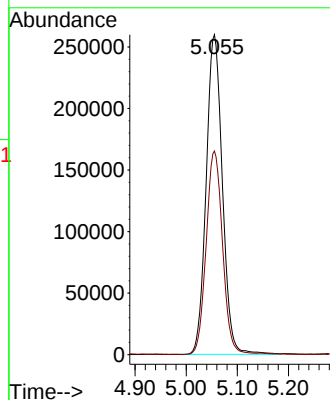
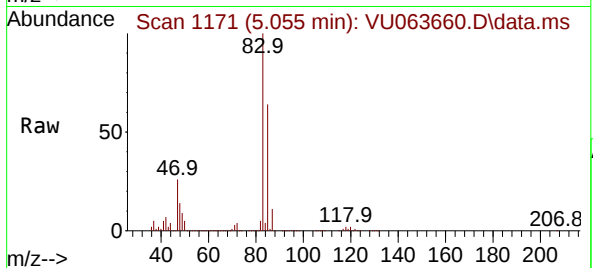
85 63.6 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#28

1,1,1-Trichloroethane

Concen: 17.527 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

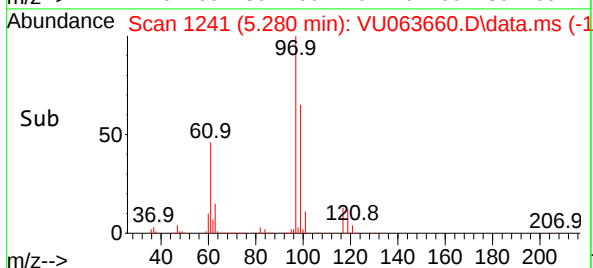
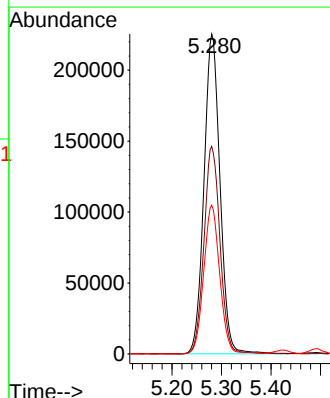
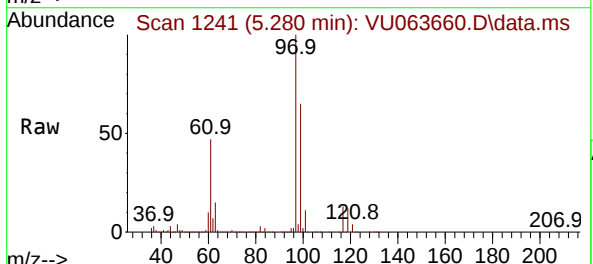
Tgt Ion: 97 Resp: 505625

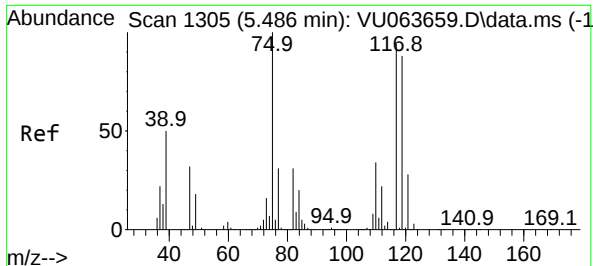
Ion Ratio Lower Upper

97 100

99 65.3 32.3 96.8

61 46.6 23.3 69.8





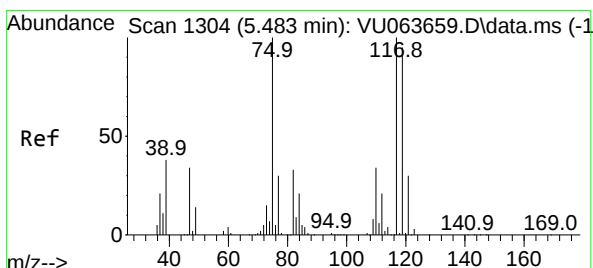
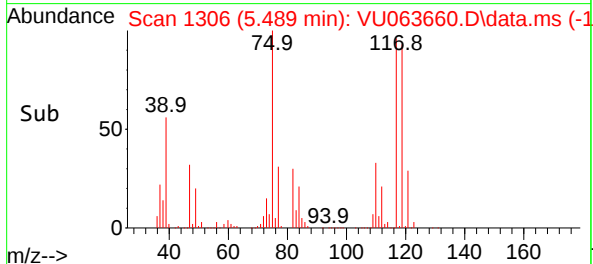
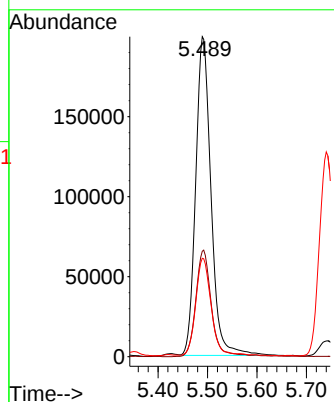
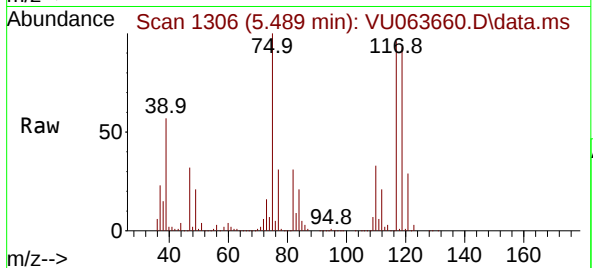
#29
1,1-Dichloropropene
Concen: 16.190 ug/l
RT: 5.489 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 43055
Ion Ratio Lower Upper
75 100
110 33.7 17.2 51.5
77 29.9 24.5 36.7

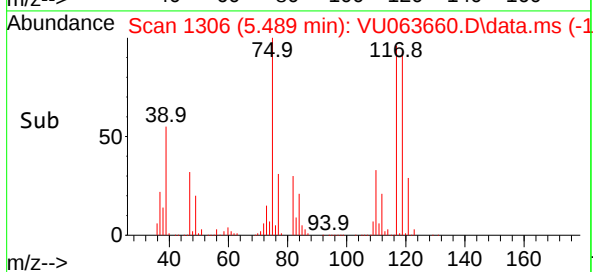
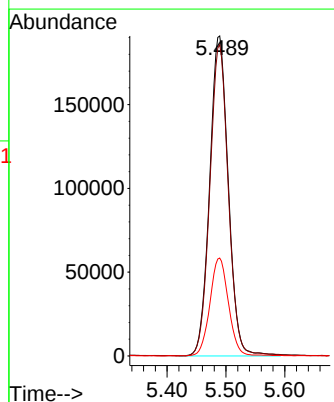
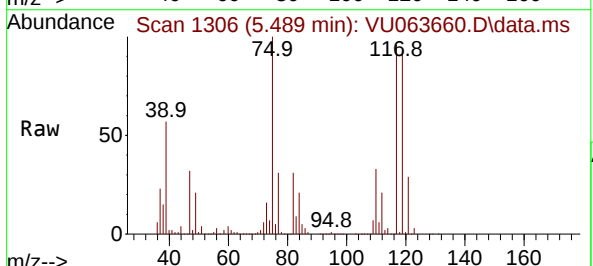
Manual Integrations
APPROVED

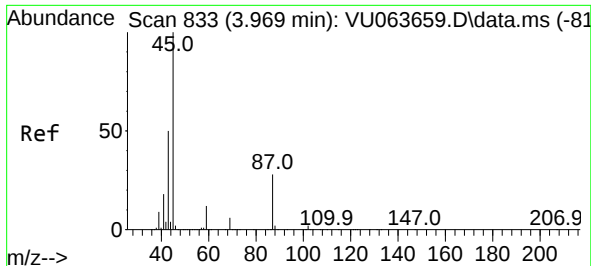
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#30
Carbon Tetrachloride
Concen: 19.599 ug/l
RT: 5.489 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

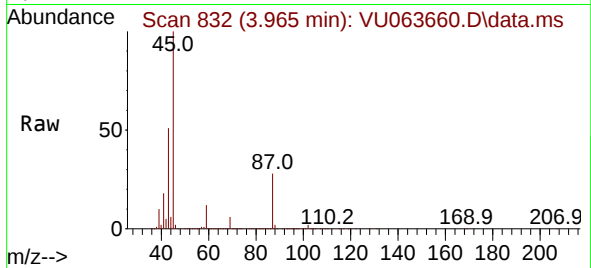
Tgt Ion:117 Resp: 421747
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5
121 30.5 23.8 35.6





#31
Isopropyl Ether
Concen: 14.414 ug/l
RT: 3.965 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

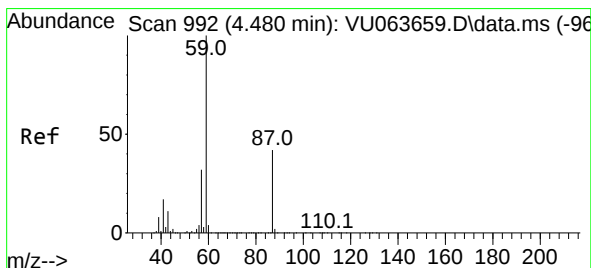
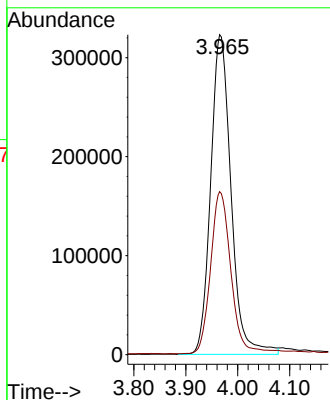
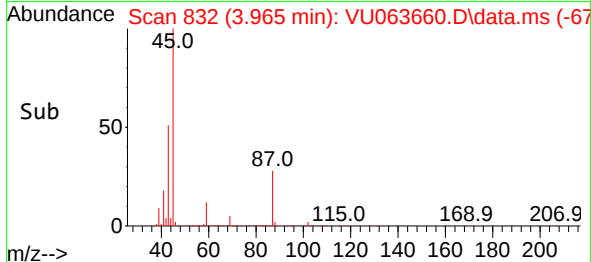
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



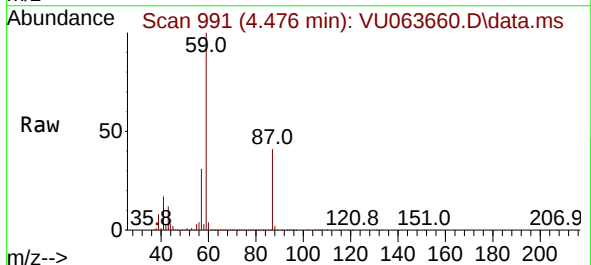
Tgt Ion: 45 Resp: 87865
Ion Ratio Lower Upper
45 100
43 51.0 25.3 75.9

Manual Integrations
APPROVED

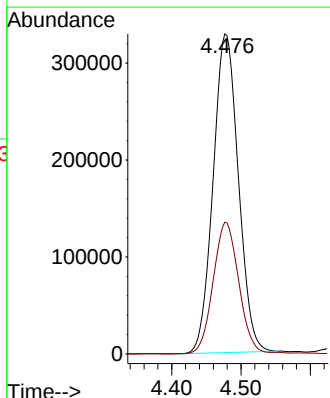
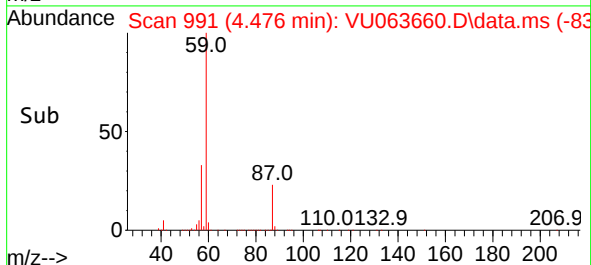
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

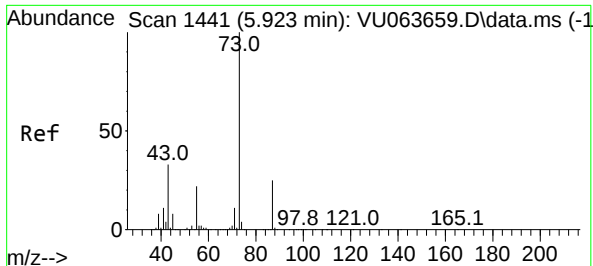


#32
Ethyl-t-butyl ether
Concen: 15.663 ug/l
RT: 4.476 min Scan# 991
Delta R.T. -0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



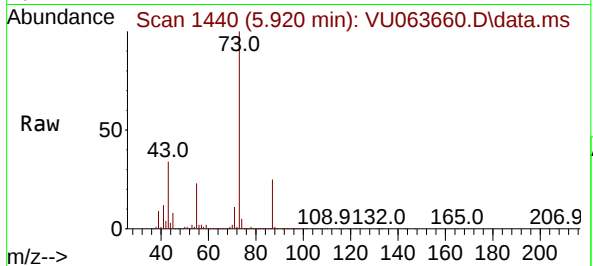
Tgt Ion: 59 Resp: 831689
Ion Ratio Lower Upper
59 100
87 41.1 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 16.088 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

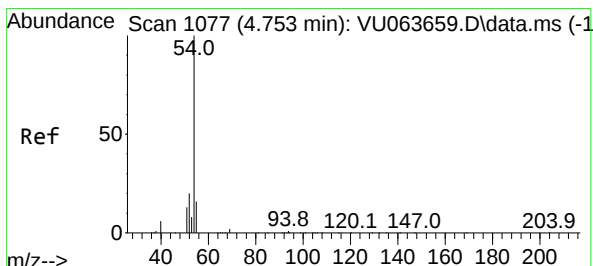
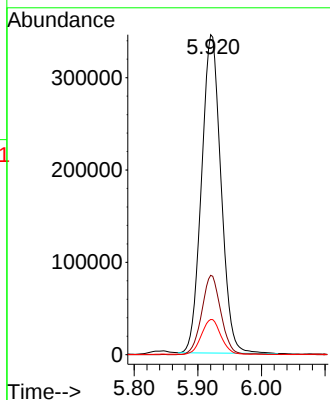
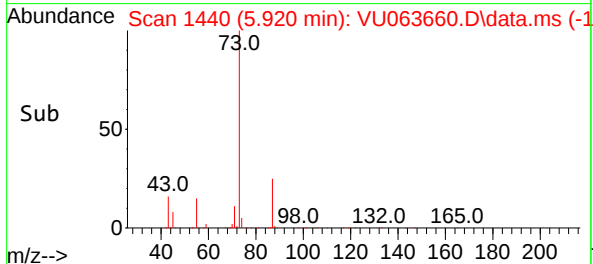
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 73235
Ion Ratio Lower Upper
73 100
87 24.1 20.0 30.0
71 10.9 9.0 13.4

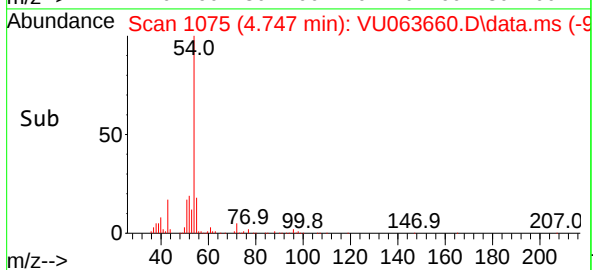
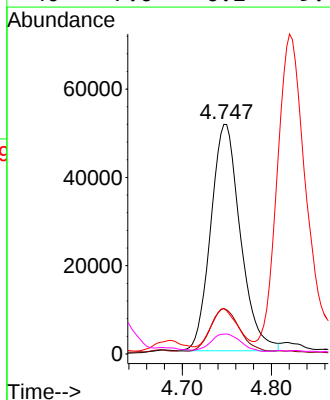
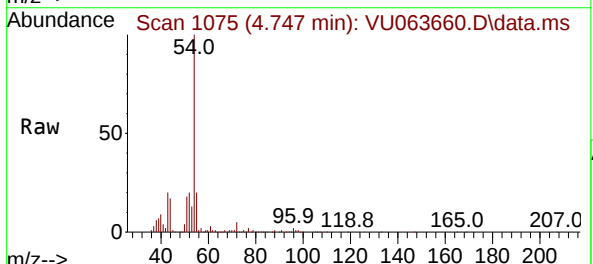
Manual Integrations
APPROVED

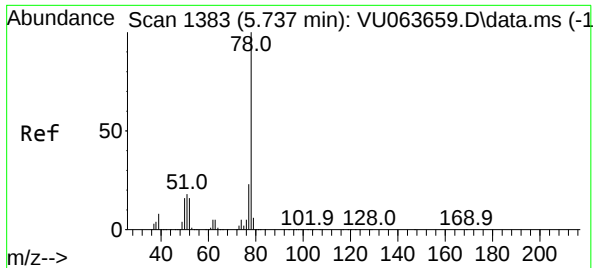
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#34
Propionitrile
Concen: 69.663 ug/l
RT: 4.747 min Scan# 1075
Delta R.T. -0.007 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion: 54 Resp: 118675
Ion Ratio Lower Upper
54 100
52 17.8 15.8 23.6
55 16.7 11.3 16.9
40 7.6 6.2 9.4





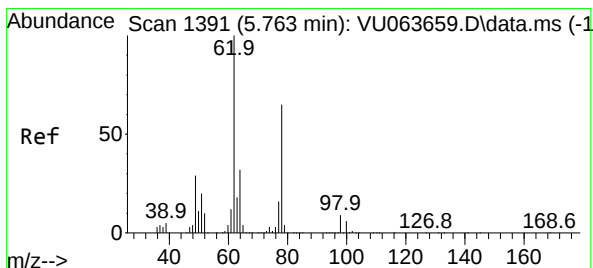
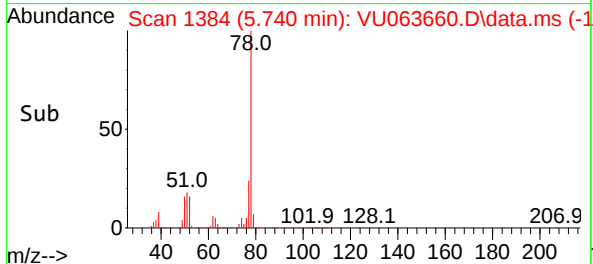
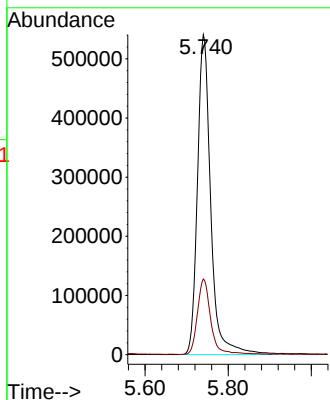
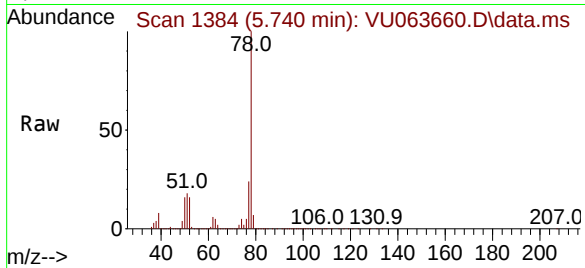
#35
Benzene
Concen: 15.847 ug/l
RT: 5.740 min Scan# 1199894
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 78 Resp: 1199894
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

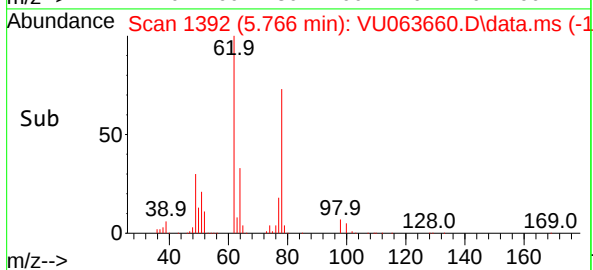
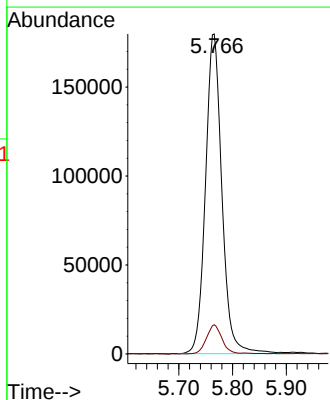
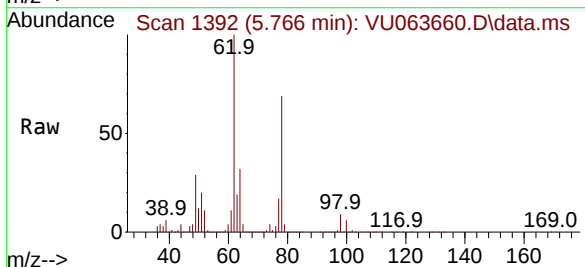
Manual Integrations
APPROVED

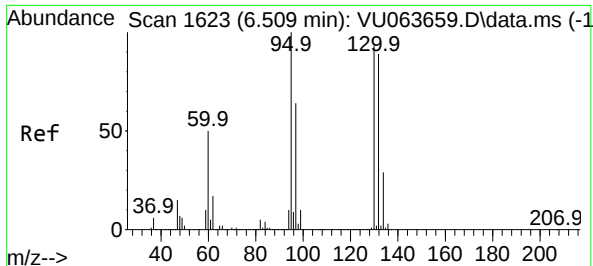
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#36
1,2-Dichloroethane
Concen: 14.934 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion: 62 Resp: 380698
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 16.682 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:130 Resp: 31934

Ion Ratio Lower Upper

130 100

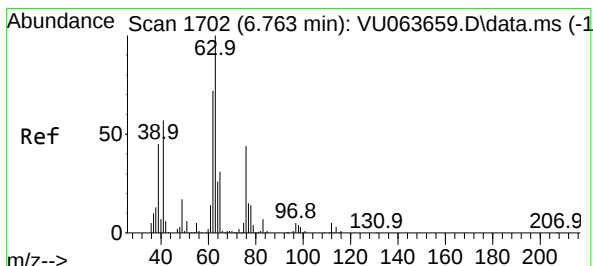
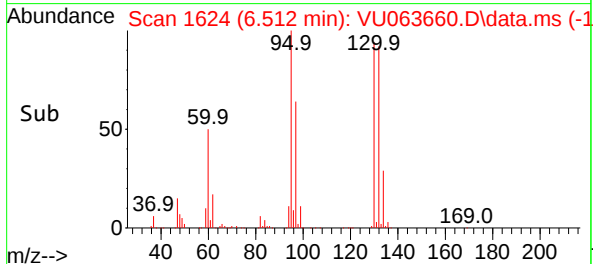
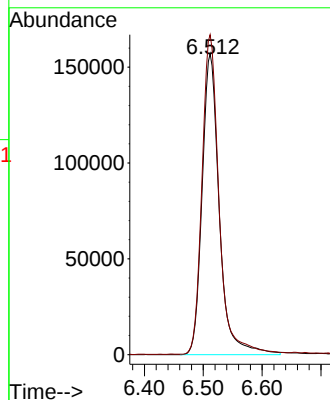
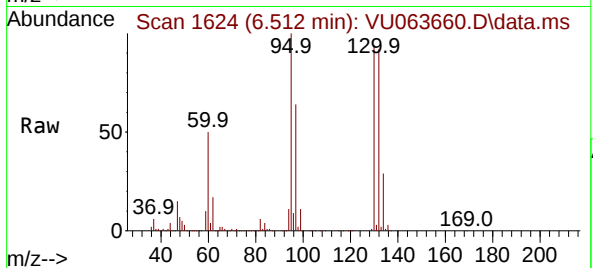
95 106.1 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#38

1,2-Dichloropropane

Concen: 15.990 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063660.D

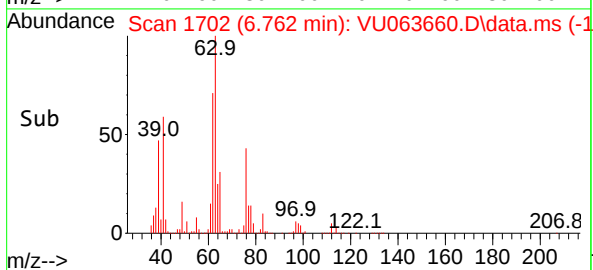
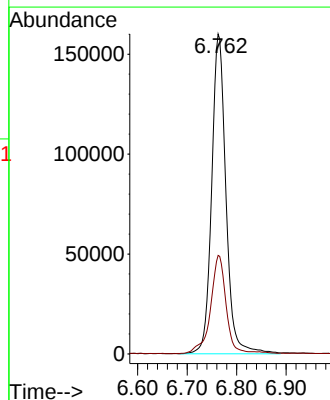
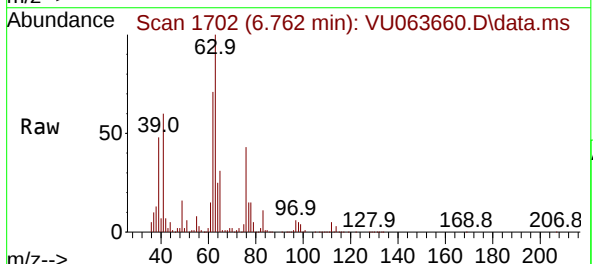
Acq: 31 Oct 2025 13:06

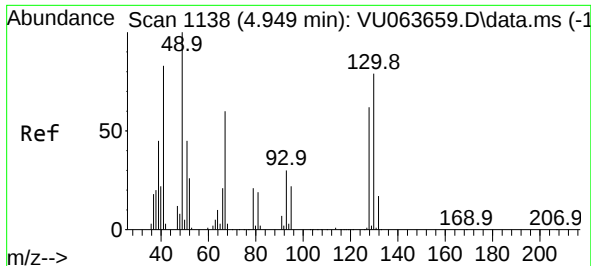
Tgt Ion: 63 Resp: 319443

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7





#39

Methacrylonitrile

Concen: 13.042 ug/l

RT: 4.949 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 104794

Ion Ratio Lower Upper

41 100

67 77.9 61.4 92.2

39 55.3 46.5 69.7

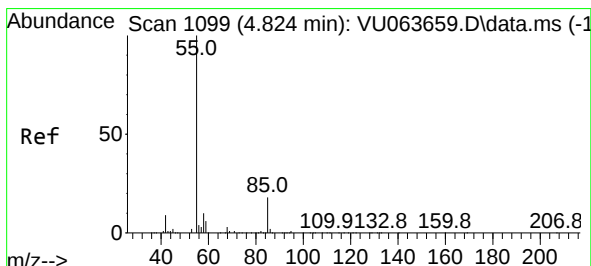
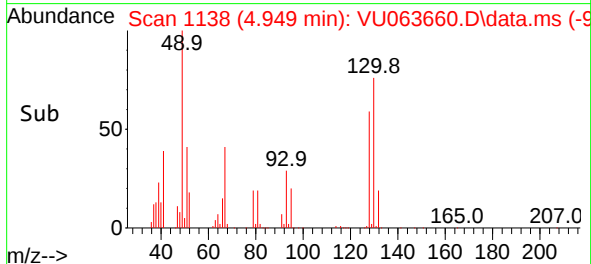
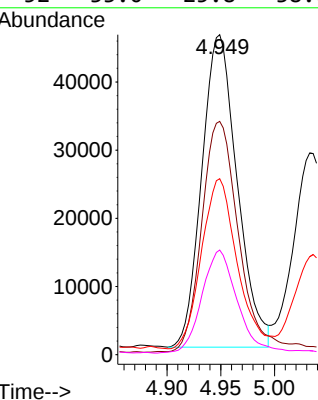
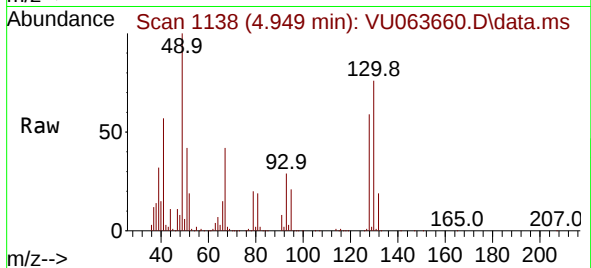
52 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#40

Methyl acrylate

Concen: 14.895 ug/l

RT: 4.820 min Scan# 1098

Delta R.T. -0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Tgt Ion: 55 Resp: 164196

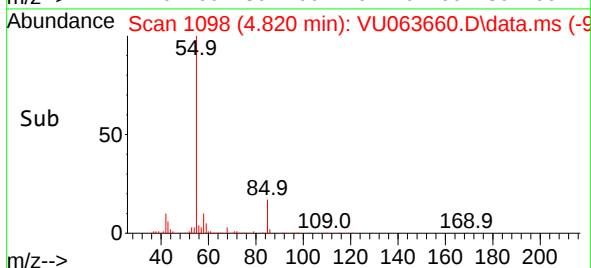
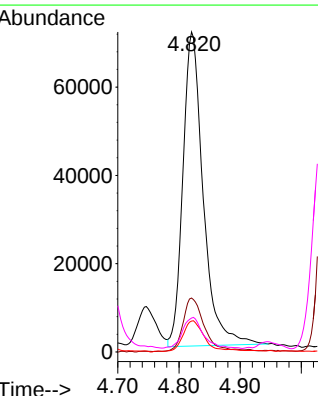
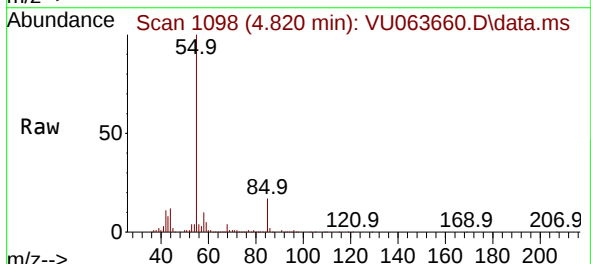
Ion Ratio Lower Upper

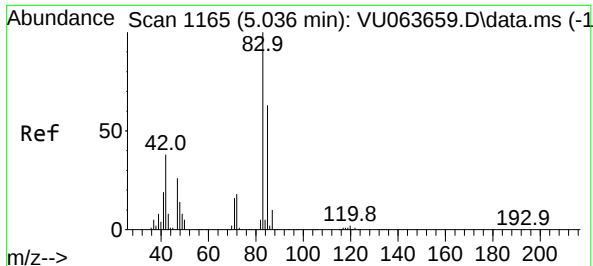
55 100

85 17.4 15.3 22.9

58 9.7 7.7 11.5

42 10.2 7.9 11.9





#41

Tetrahydrofuran

Concen: 25.725 ug/l

RT: 5.033 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 42 Resp: 107362

Ion Ratio Lower Upper

42 100

72 50.0 40.5 60.7

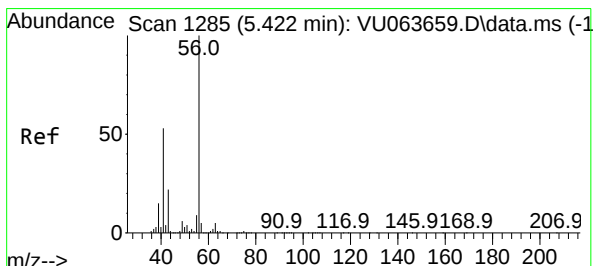
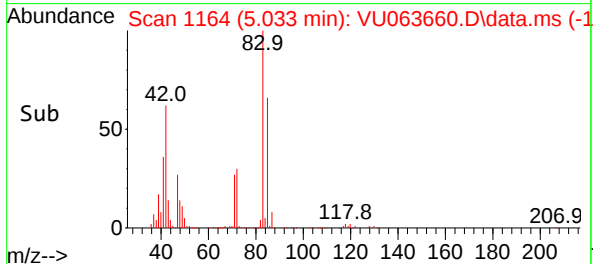
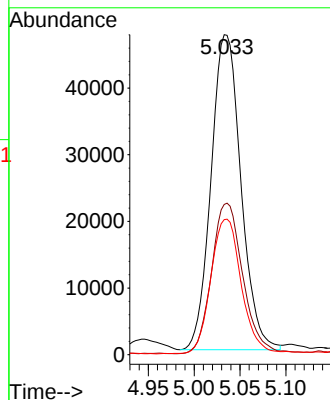
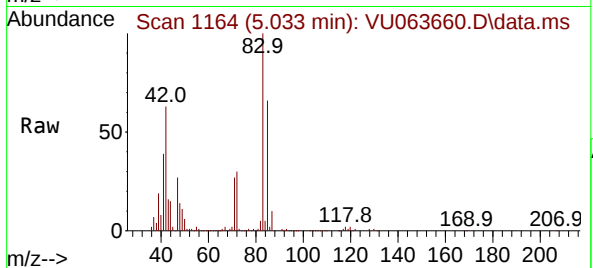
71 43.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#42

1-Chlorobutane

Concen: 15.947 ug/l

RT: 5.425 min Scan# 1286

Delta R.T. 0.003 min

Lab File: VU063660.D

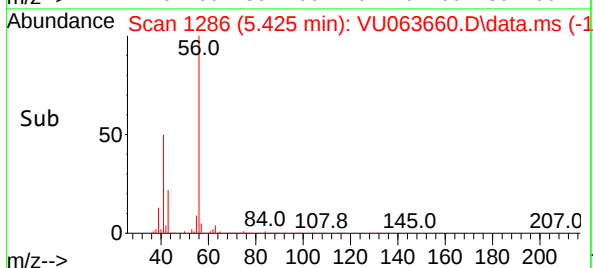
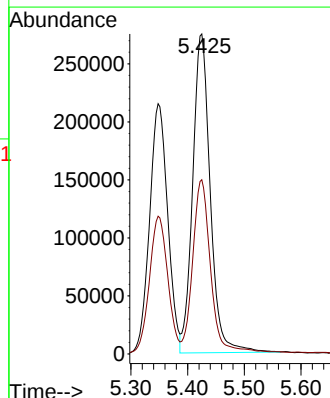
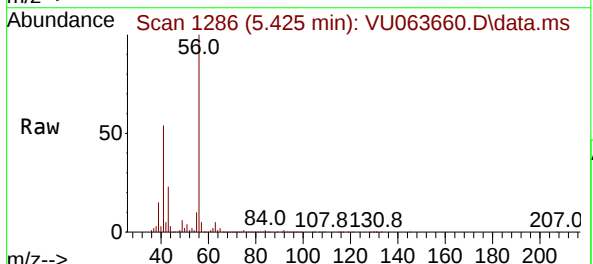
Acq: 31 Oct 2025 13:06

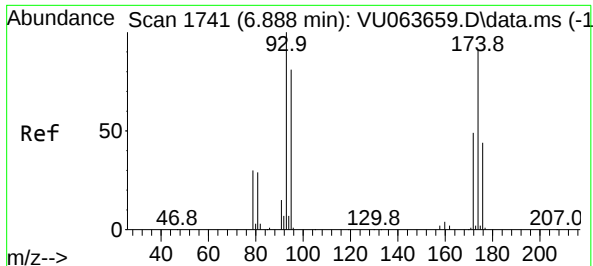
Tgt Ion: 56 Resp: 591114

Ion Ratio Lower Upper

56 100

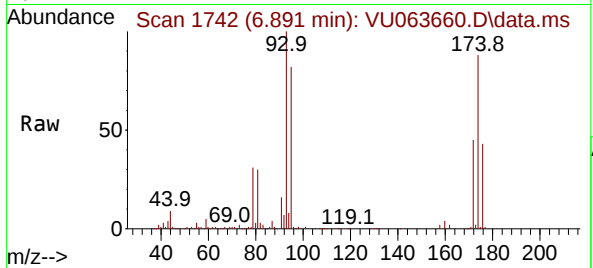
41 54.8 25.9 77.6





#43
Dibromomethane
Concen: 16.575 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

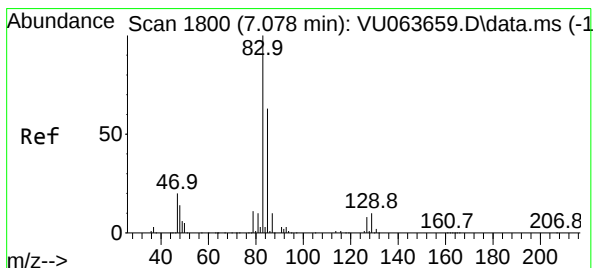
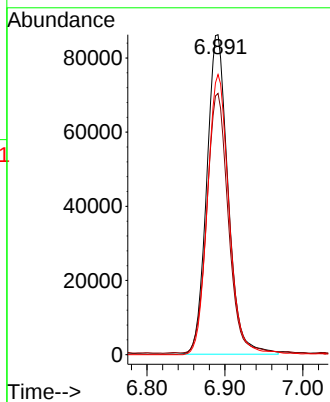
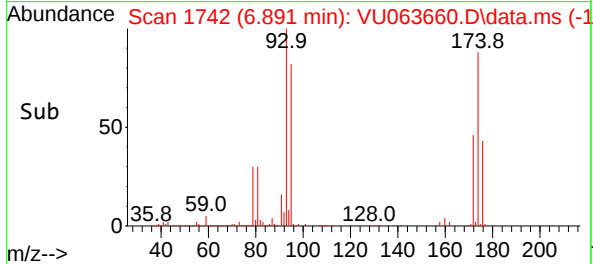
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



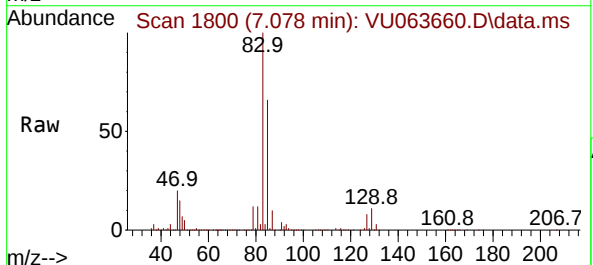
Tgt Ion: 93 Resp: 16387
Ion Ratio Lower Upper
93 100
95 81.5 64.6 97.0
174 88.8 73.8 110.8

Manual Integrations
APPROVED

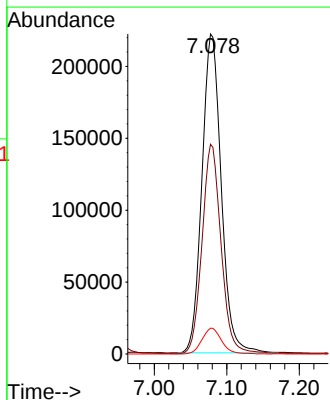
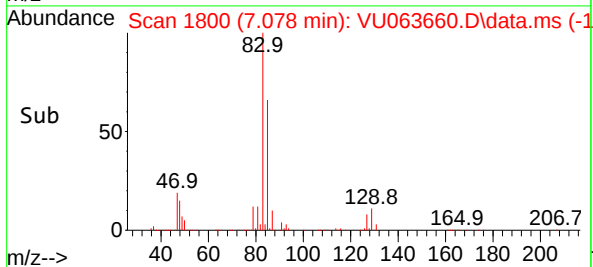
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

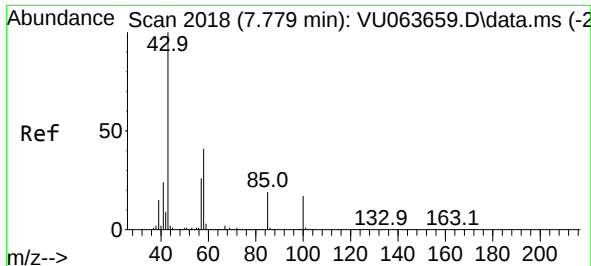


#44
Bromodichloromethane
Concen: 19.107 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



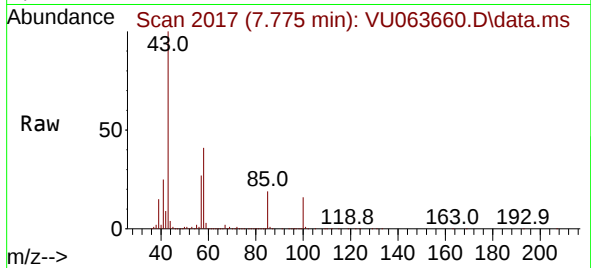
Tgt Ion: 83 Resp: 410466
Ion Ratio Lower Upper
83 100
85 65.7 50.5 75.7
127 8.1 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 83.168 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. -0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

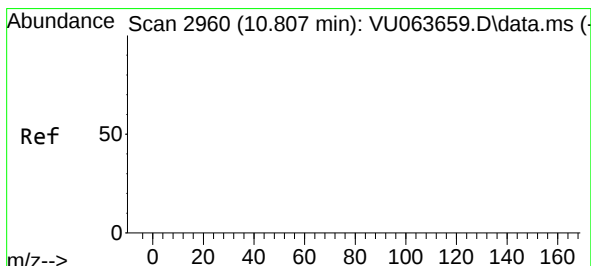
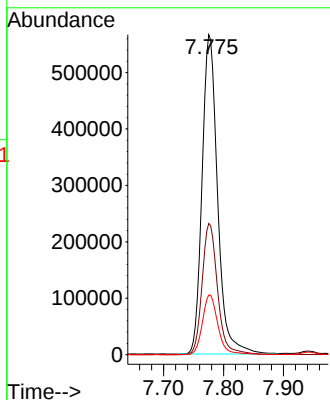
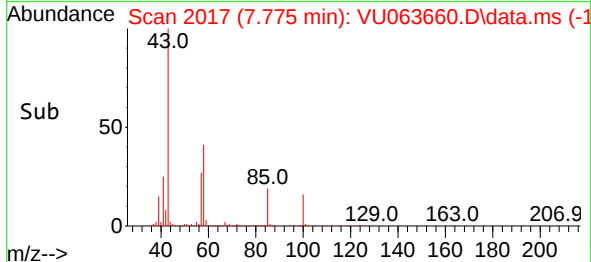
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 102127
Ion Ratio Lower Upper
43 100
58 41.1 20.2 60.5
85 18.8 15.0 22.6

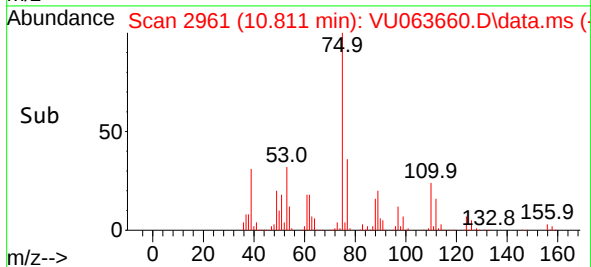
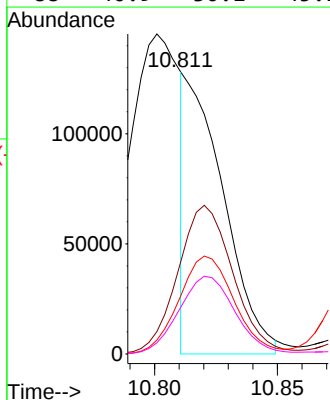
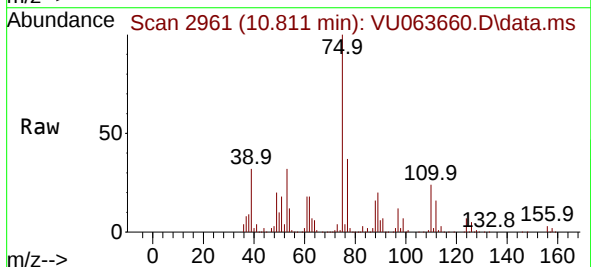
Manual Integrations
APPROVED

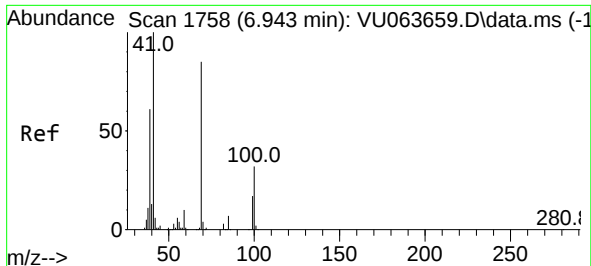
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#46
t-1,4-Dichloro-2-butene
Concen: 30.601 ug/l m
RT: 10.811 min Scan# 2961
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

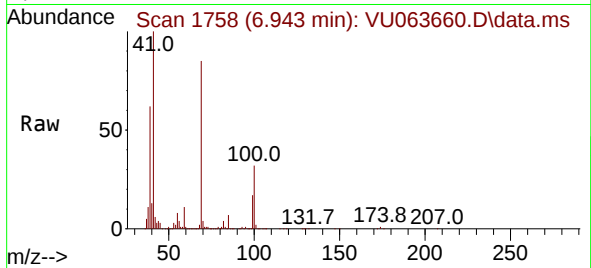
Tgt Ion: 75 Resp: 137983
Ion Ratio Lower Upper
75 100
53 76.7 57.2 85.8
89 50.7 37.9 56.9
88 40.9 30.1 45.1





#47
Methyl methacrylate
Concen: 35.289 ug/l
RT: 6.943 min Scan# 1758
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

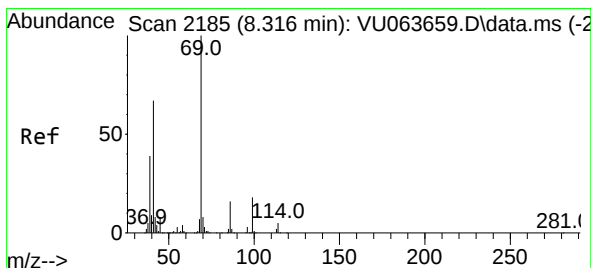
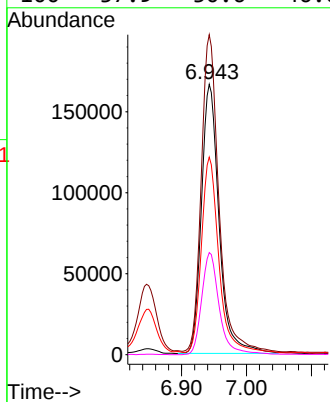
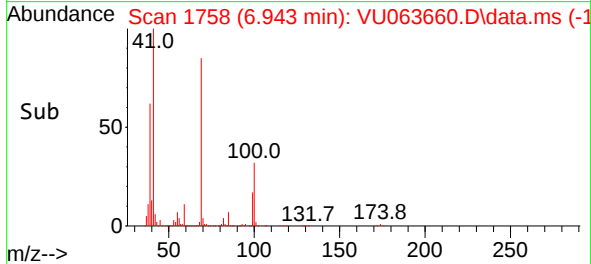
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



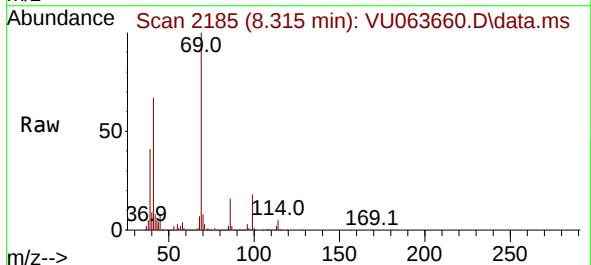
Tgt Ion: 69 Resp: 315354
Ion Ratio Lower Upper
69 100
41 116.8 0.0 228.2
39 71.9 56.2 84.4
100 37.9 30.6 46.0

Manual Integrations
APPROVED

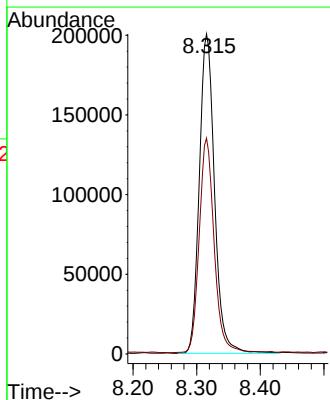
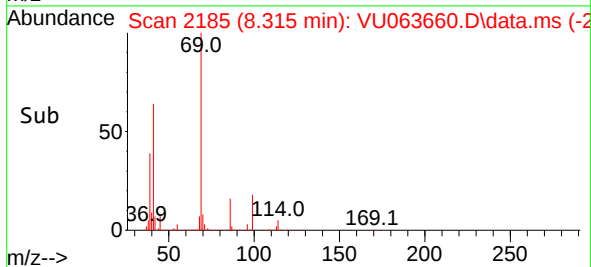
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

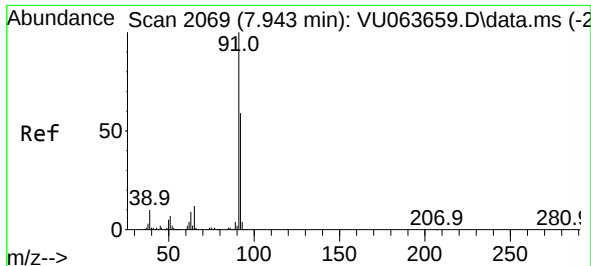


#48
Ethyl methacrylate
Concen: 19.798 ug/l
RT: 8.315 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



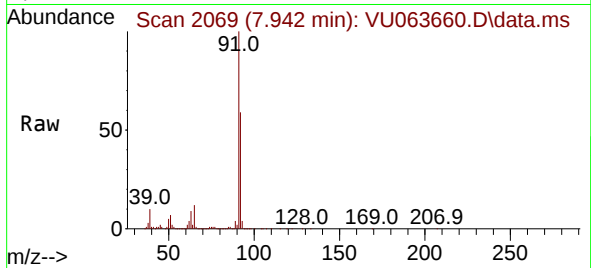
Tgt Ion: 69 Resp: 332949
Ion Ratio Lower Upper
69 100
41 65.6 32.8 98.3





#49
Toluene
Concen: 17.952 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

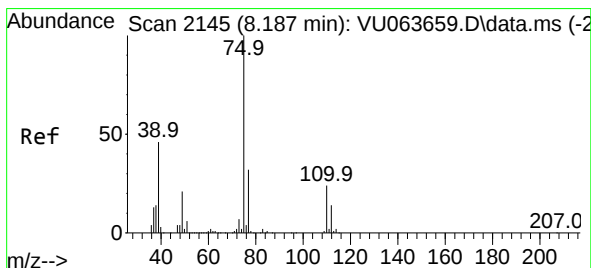
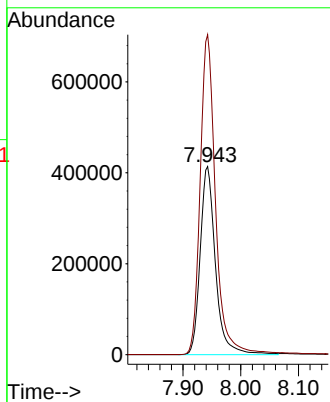
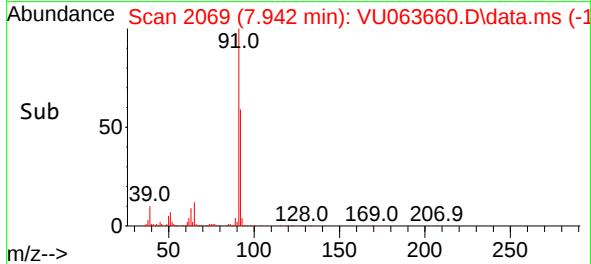
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 763269
Ion Ratio Lower Upper
92 100
91 170.7 136.8 205.2

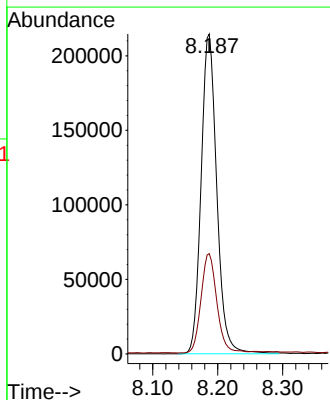
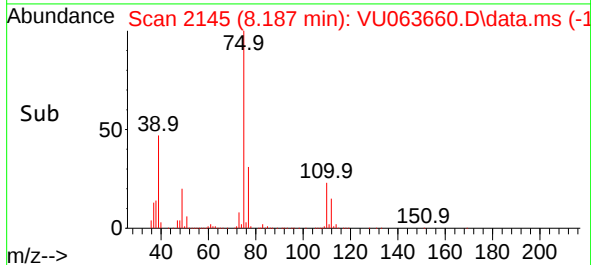
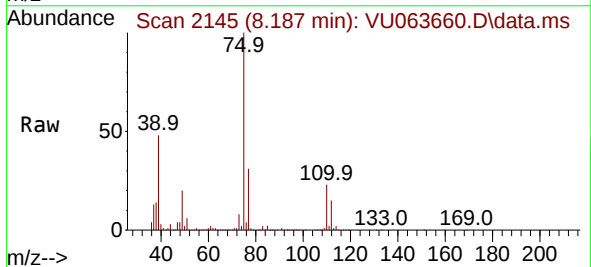
Manual Integrations
APPROVED

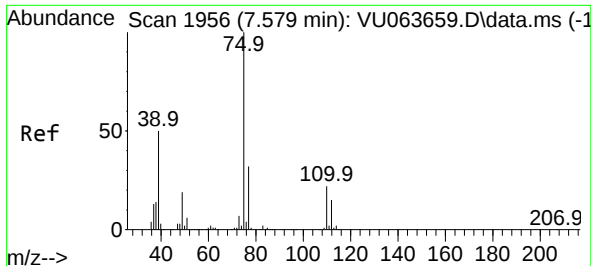
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#50
t-1,3-Dichloropropene
Concen: 21.702 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

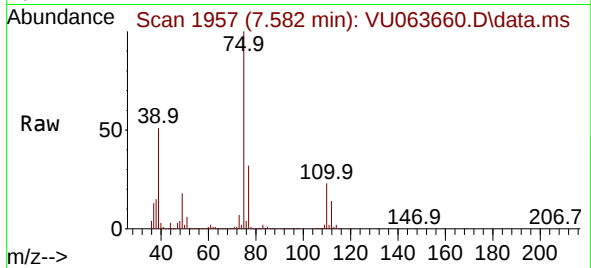
Tgt Ion: 75 Resp: 360259
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 21.085 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06

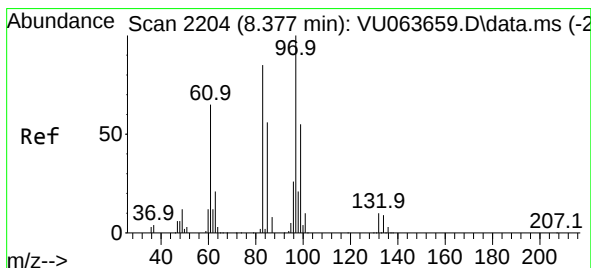
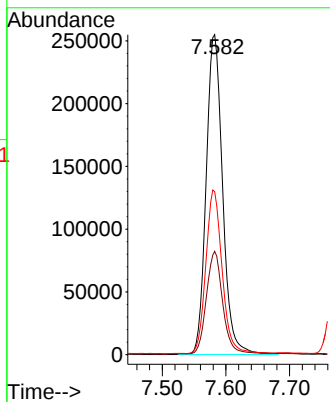
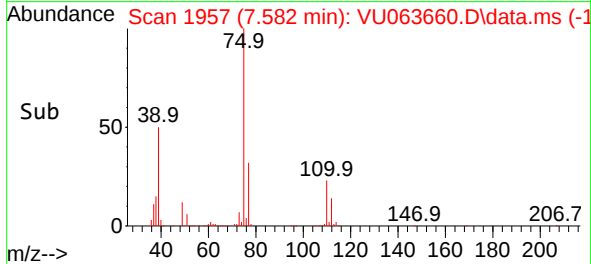
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 457879
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 50.6 39.9 59.9

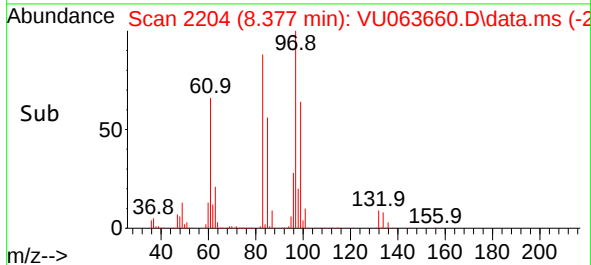
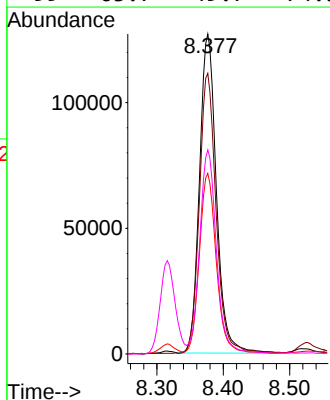
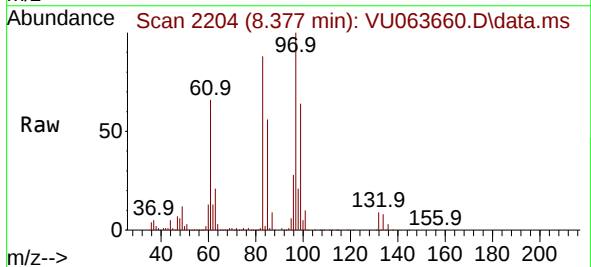
Manual Integrations
 APPROVED

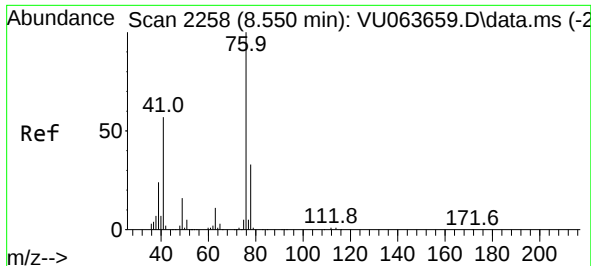
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025



#52
 1,1,2-Trichloroethane
 Concen: 16.284 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06

Tgt Ion: 97 Resp: 225160
 Ion Ratio Lower Upper
 97 100
 83 87.8 68.3 102.5
 85 56.3 45.3 67.9
 99 63.7 49.7 74.5





#53

1,3-Dichloropropane

Concen: 17.283 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 41684

Ion Ratio Lower Upper

76 100

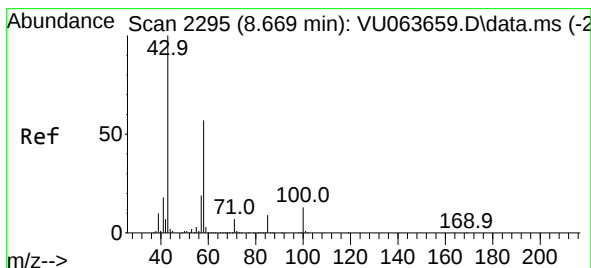
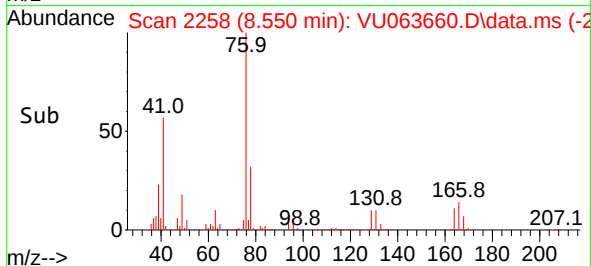
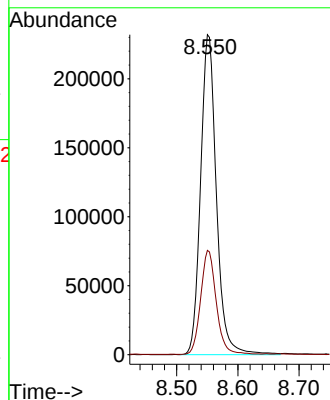
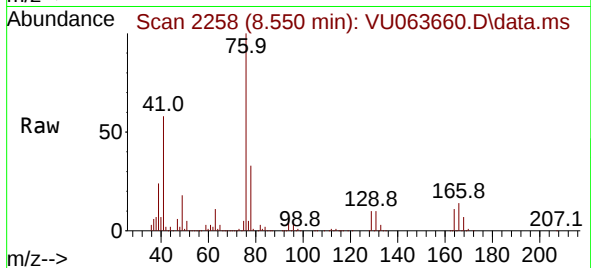
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#54

2-Hexanone

Concen: 99.709 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

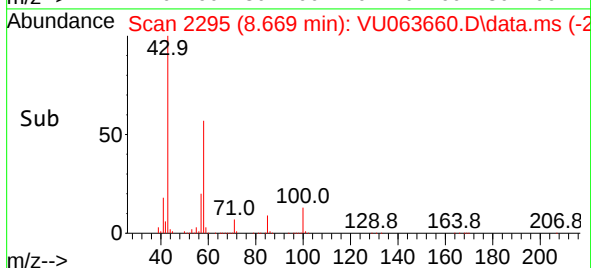
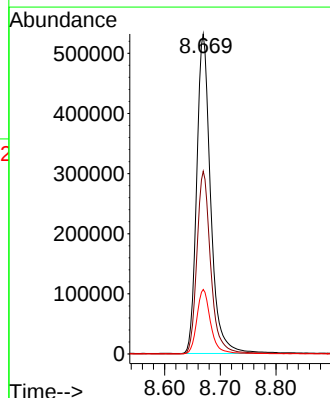
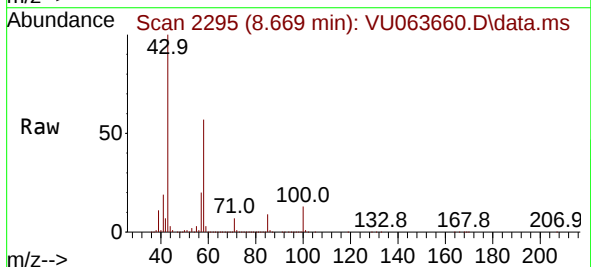
Tgt Ion: 43 Resp: 923906

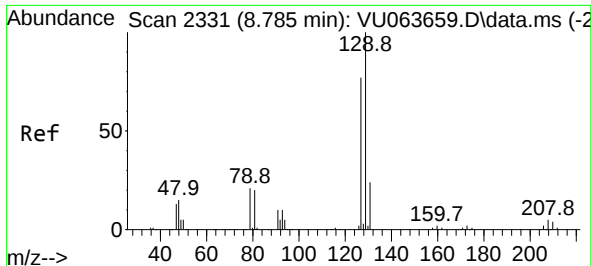
Ion Ratio Lower Upper

43 100

58 56.9 36.3 76.3

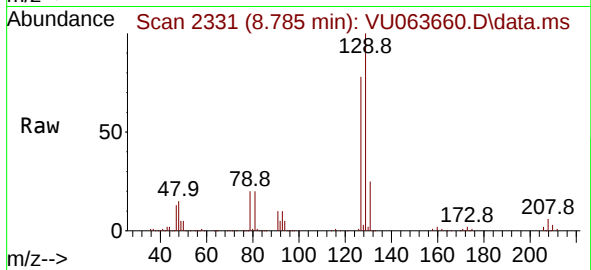
57 19.9 0.0 39.7





#55
Dibromochloromethane
Concen: 20.710 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

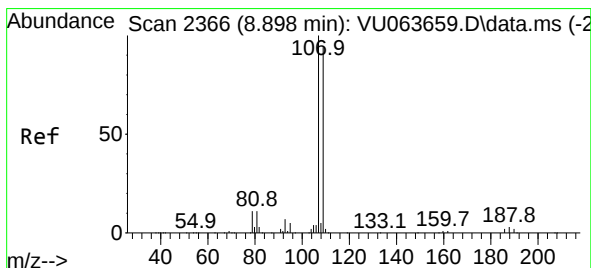
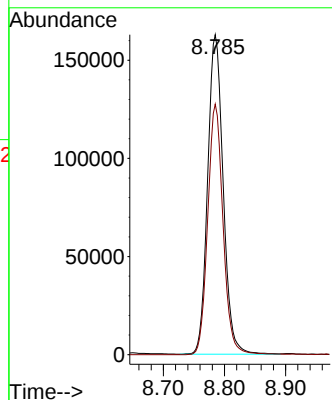
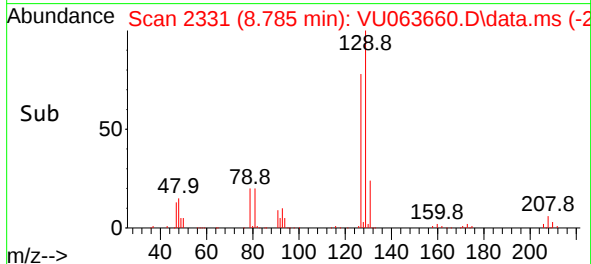
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:129 Resp: 287530
Ion Ratio Lower Upper
129 100
127 77.5 61.4 92.0

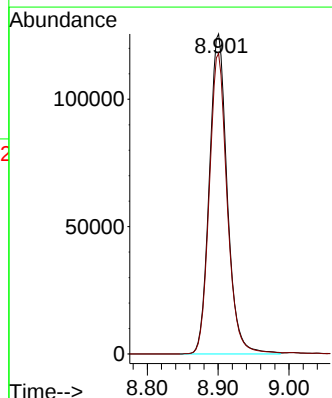
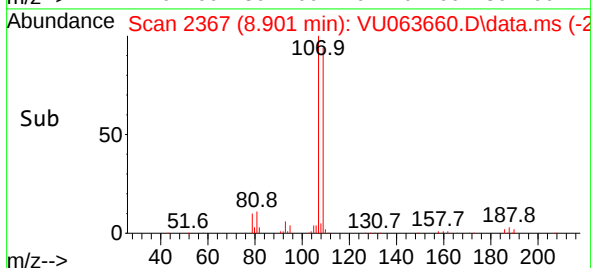
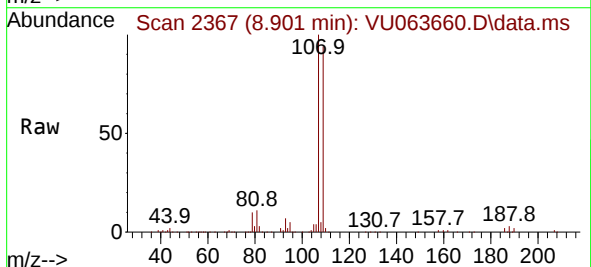
Manual Integrations
APPROVED

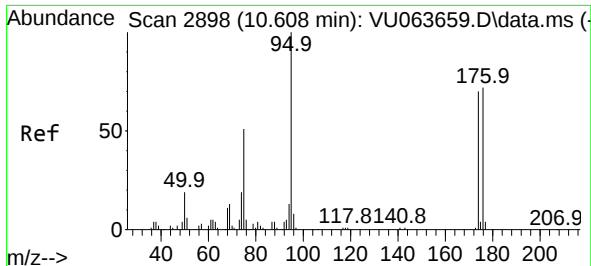
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#56
1,2-Dibromoethane
Concen: 18.216 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

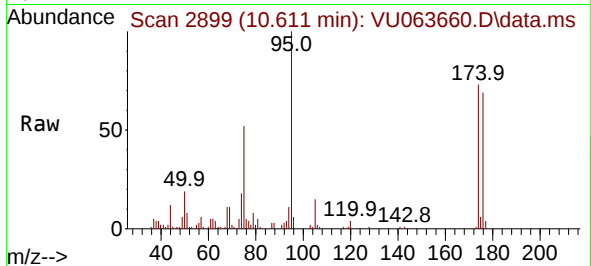
Tgt Ion:107 Resp: 220983
Ion Ratio Lower Upper
107 100
109 93.8 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.262 ug/l
RT: 10.611 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

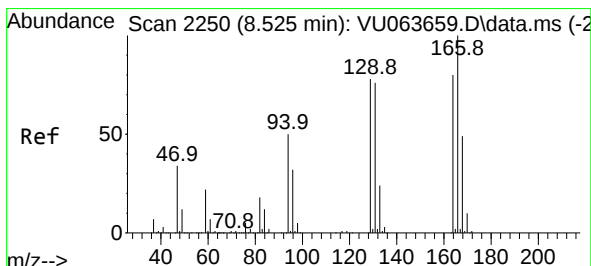
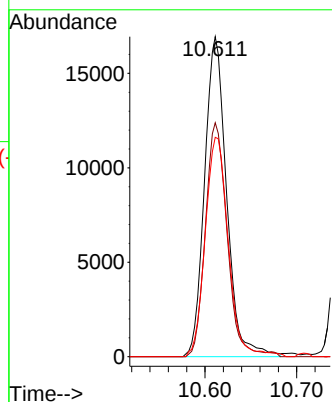
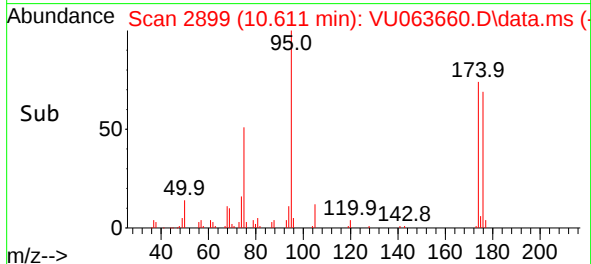
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 95 Resp: 2828
Ion Ratio Lower Upper
95 100
174 71.6 59.9 89.9
176 71.9 58.8 88.2

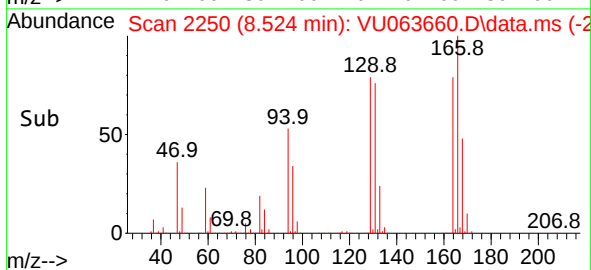
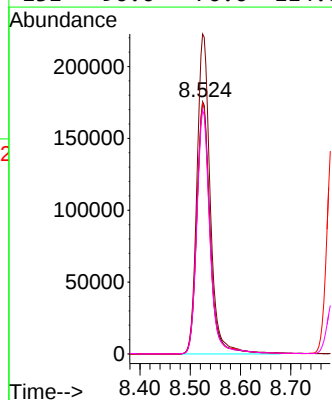
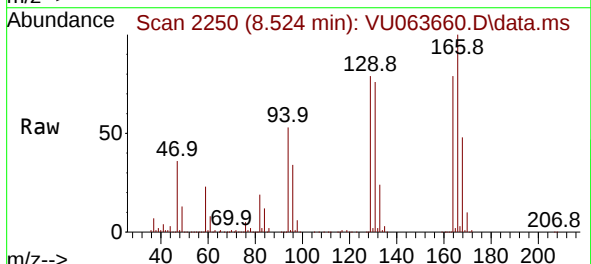
Manual Integrations
APPROVED

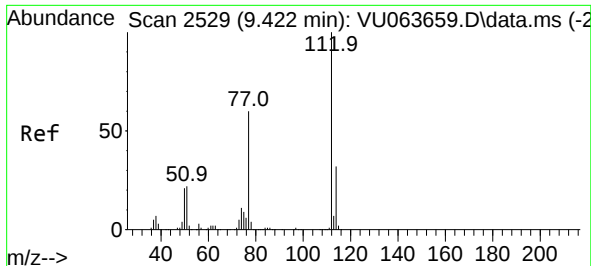
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#58
Tetrachloroethene
Concen: 16.878 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion:164 Resp: 322147
Ion Ratio Lower Upper
164 100
166 126.9 100.1 150.1
129 99.6 77.6 116.4
131 96.6 76.6 114.8





#59

Chlorobenzene

Concen: 18.308 ug/l

RT: 9.422 min Scan# 2529

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:112 Resp: 884840

Ion Ratio Lower Upper

112 100

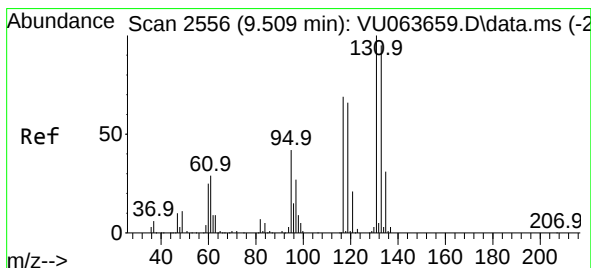
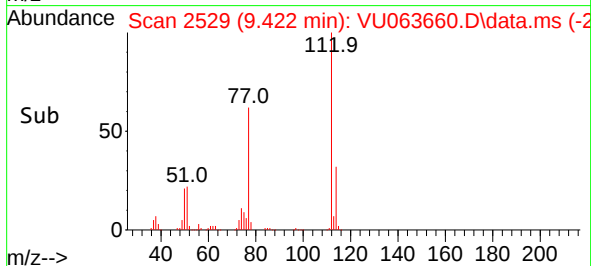
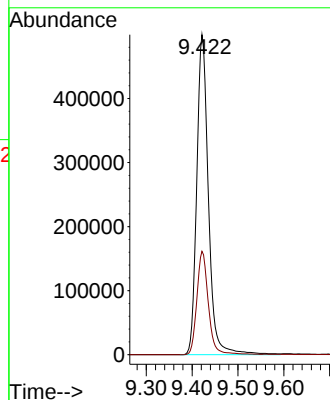
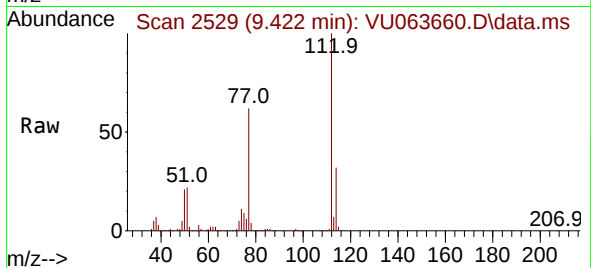
114 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 19.057 ug/l

RT: 9.508 min Scan# 2556

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

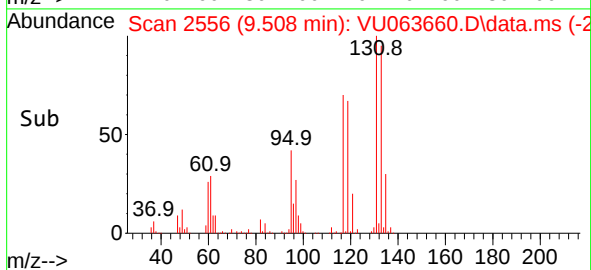
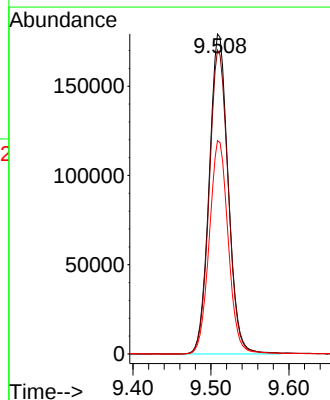
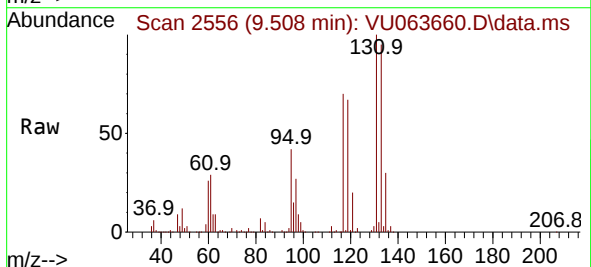
Tgt Ion:131 Resp: 303352

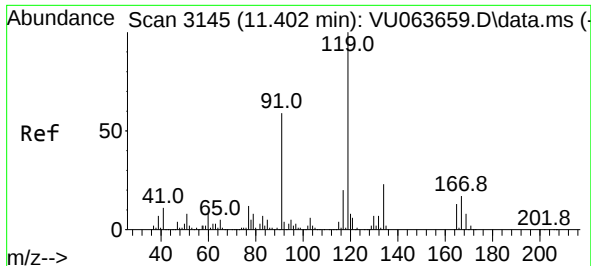
Ion Ratio Lower Upper

131 100

133 95.2 77.0 115.6

119 66.6 52.8 79.2





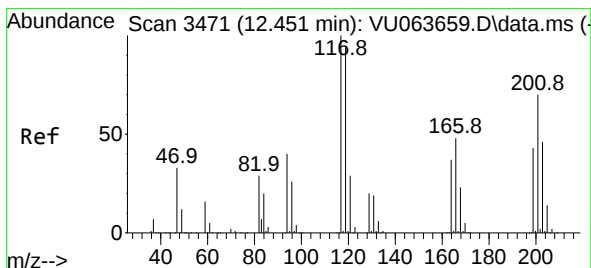
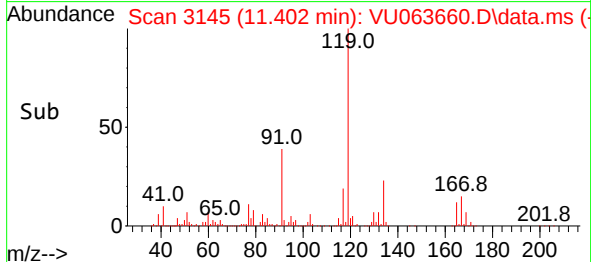
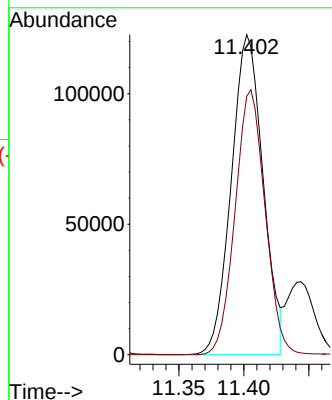
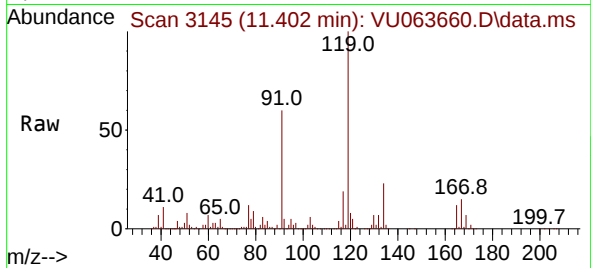
#61
Pentachloroethane
Concen: 18.386 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 208470
Ion Ratio Lower Upper
117 100
167 78.3 62.8 94.2

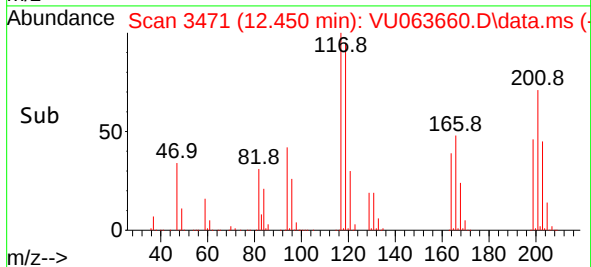
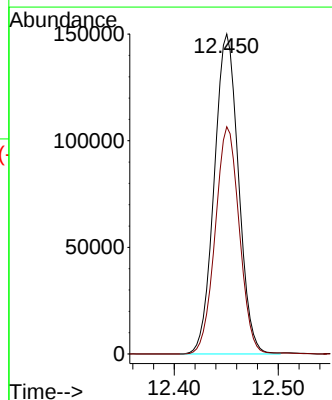
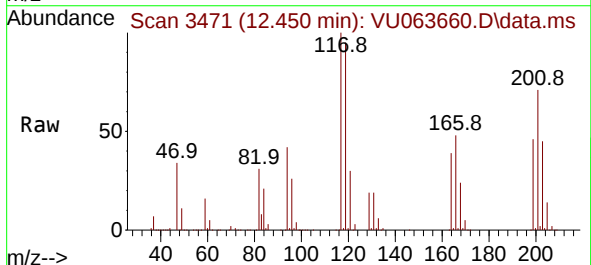
Manual Integrations
APPROVED

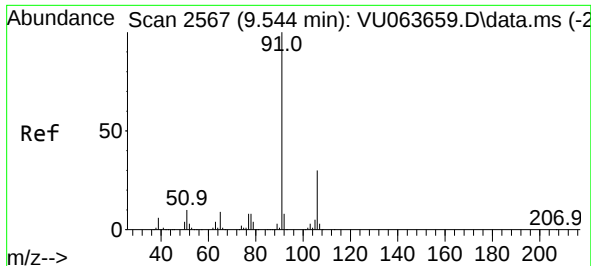
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#62
Hexachloroethane
Concen: 23.361 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion:117 Resp: 243296
Ion Ratio Lower Upper
117 100
201 70.7 56.3 84.5





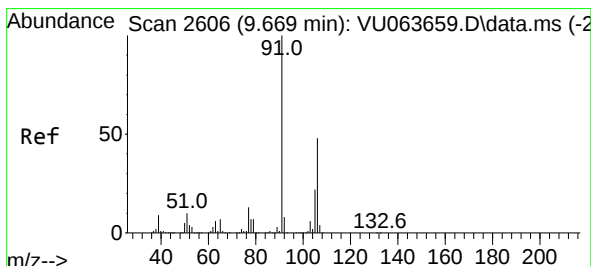
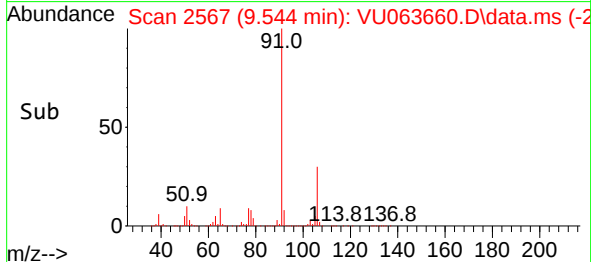
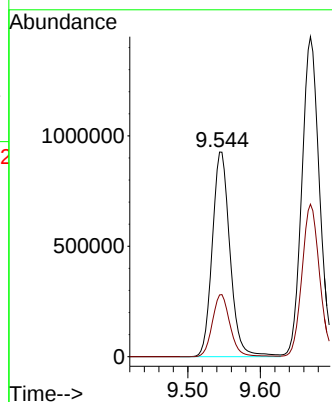
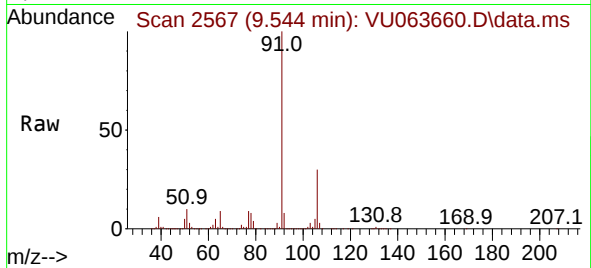
#63
Ethyl Benzene
Concen: 18.940 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 1574408
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

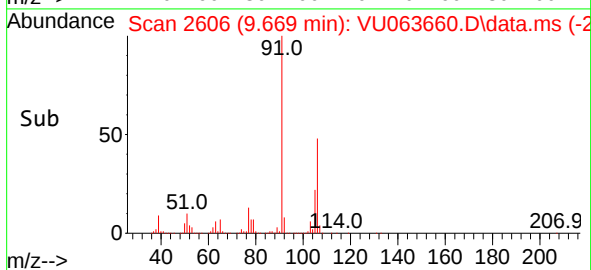
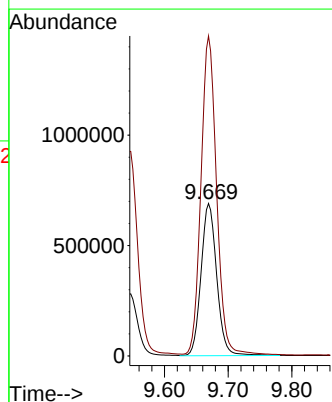
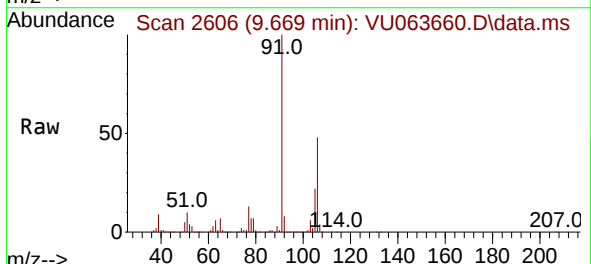
Manual Integrations
APPROVED

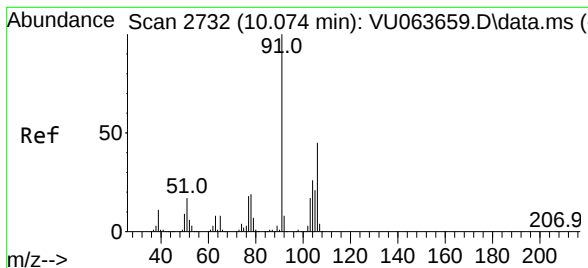
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#64
m/p-Xylenes
Concen: 36.926 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

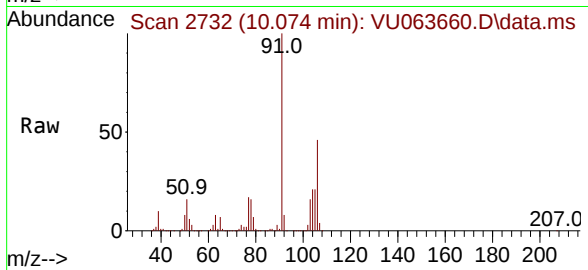
Tgt Ion:106 Resp: 1176301
Ion Ratio Lower Upper
106 100
91 210.1 167.0 250.4





#65
o-Xylene
Concen: 18.131 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

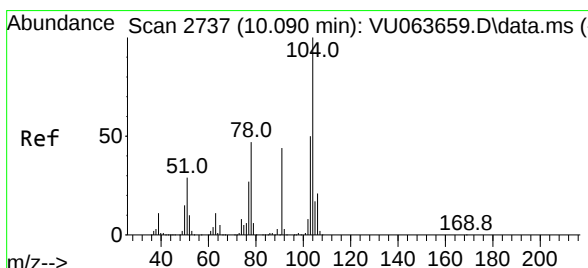
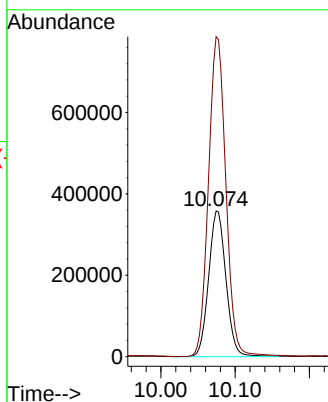
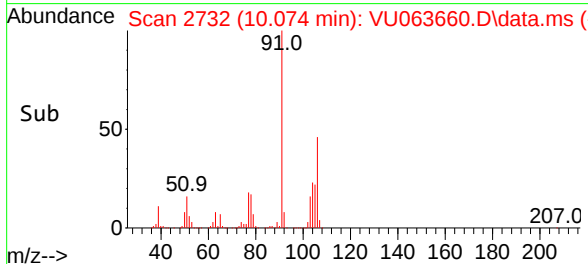
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:106 Resp: 577235
Ion Ratio Lower Upper
106 100
91 221.8 109.3 327.9

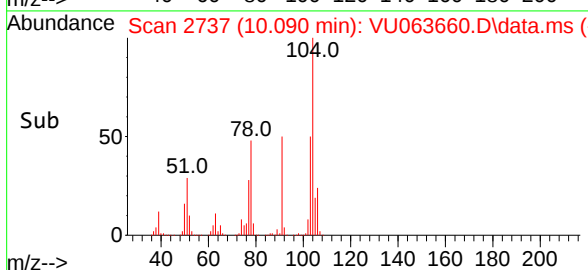
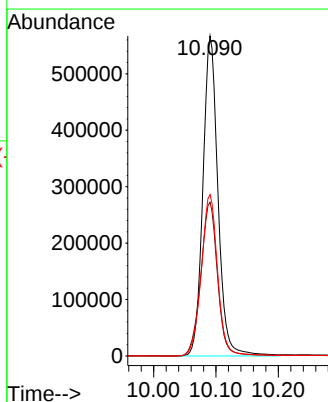
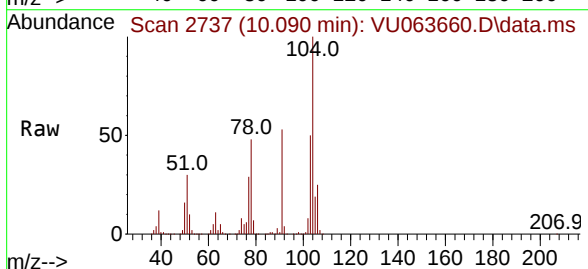
Manual Integrations
APPROVED

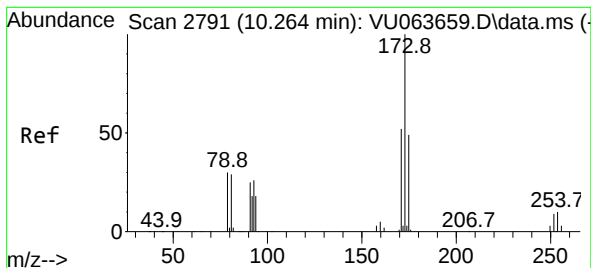
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#66
Styrene
Concen: 18.777 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion:104 Resp: 953920
Ion Ratio Lower Upper
104 100
78 53.4 42.8 64.2
103 54.7 43.9 65.9





#67

Bromoform

Concen: 22.000 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:173 Resp: 15362

Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

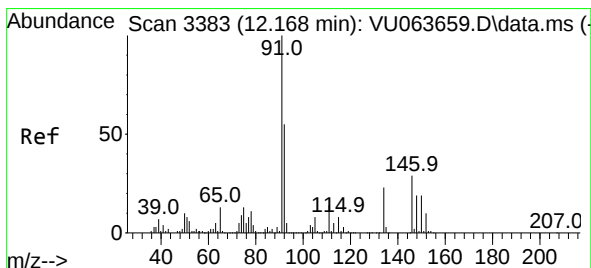
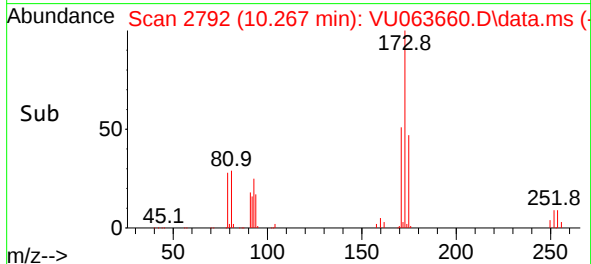
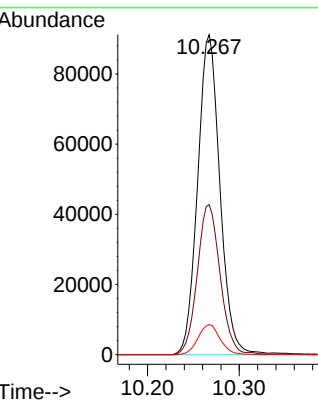
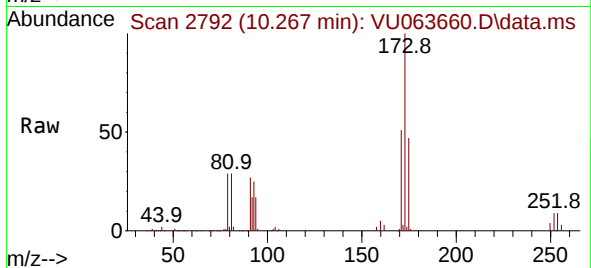
254 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.107 ug/l

RT: 12.167 min Scan# 3383

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

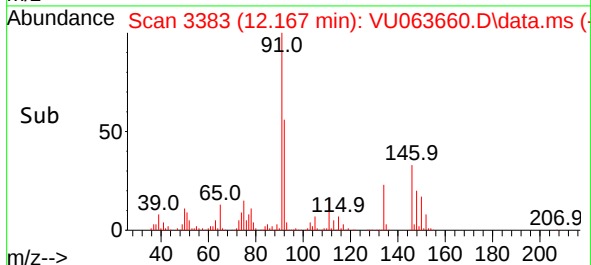
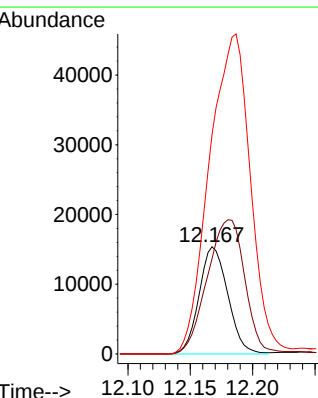
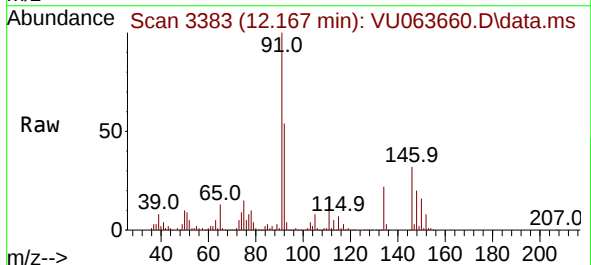
Tgt Ion:152 Resp: 24702

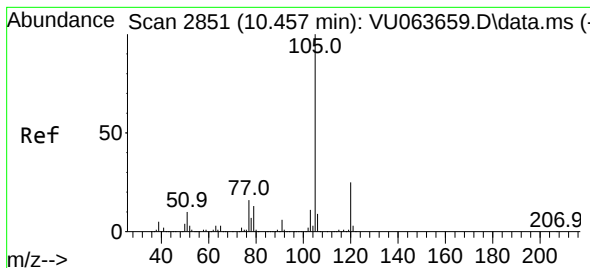
Ion Ratio Lower Upper

152 100

115 165.5 0.0 247.2

150 423.1 0.0 643.6





#69

Isopropylbenzene

Concen: 18.490 ug/l

RT: 10.460 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 143014

Ion Ratio Lower Upper

105 100

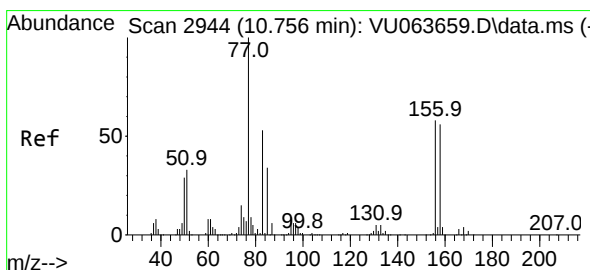
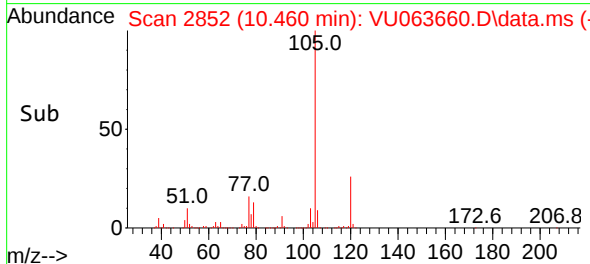
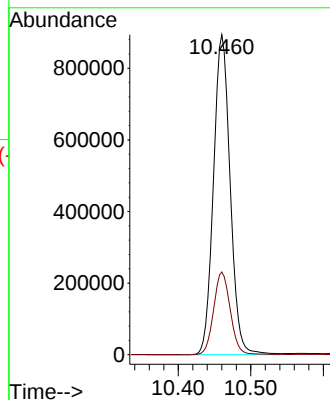
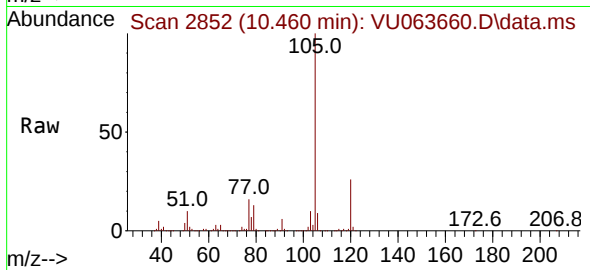
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 16.969 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

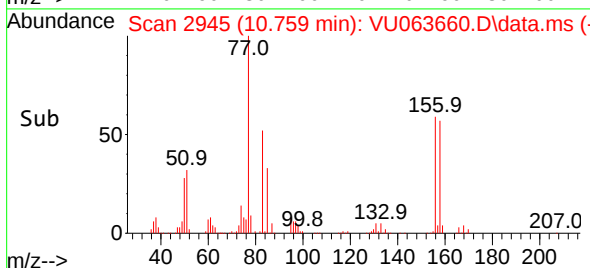
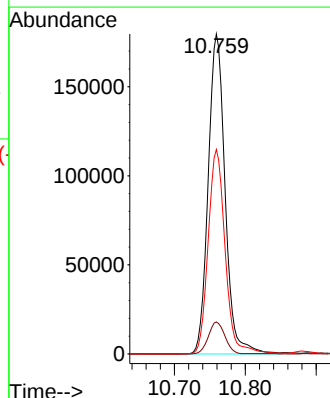
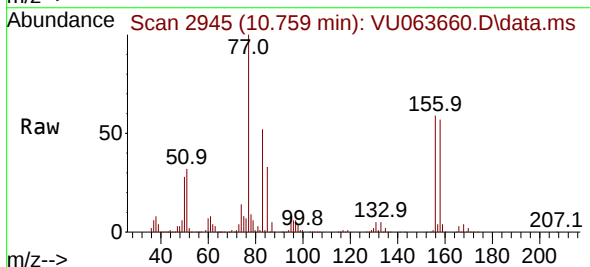
Tgt Ion: 83 Resp: 297936

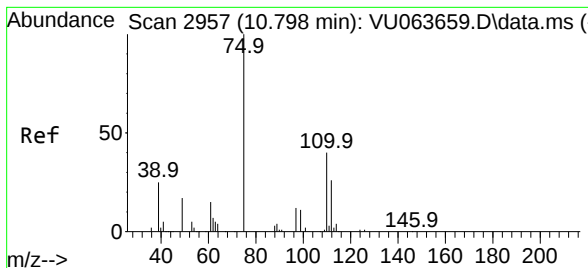
Ion Ratio Lower Upper

83 100

131 9.8 8.1 12.1

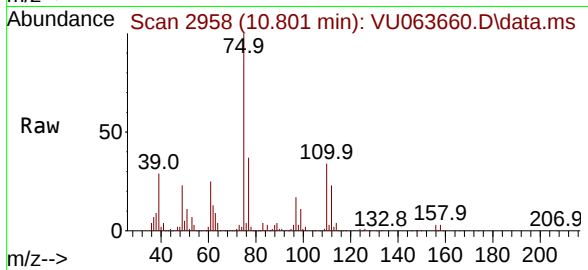
85 64.3 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 17.986 ug/l m
RT: 10.801 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

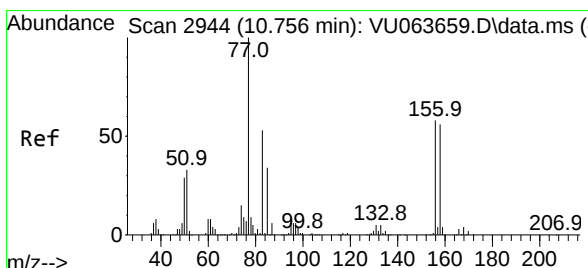
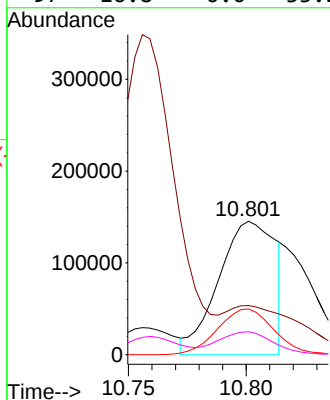
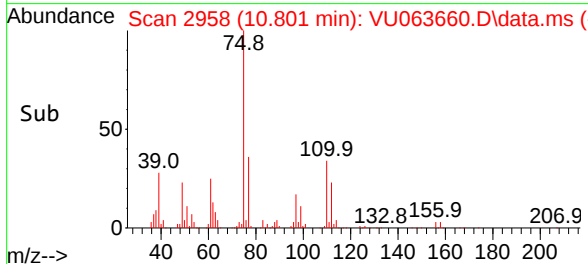
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



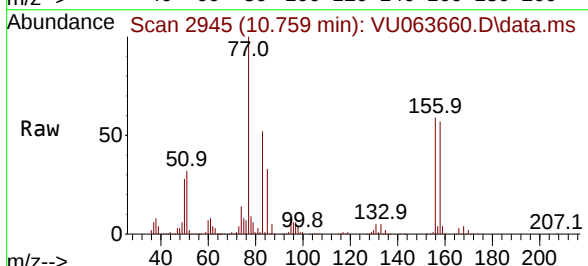
Tgt Ion: 75 Resp: 24345
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.4 0.0 66.4
97 16.8 0.0 33.2

Manual Integrations
APPROVED

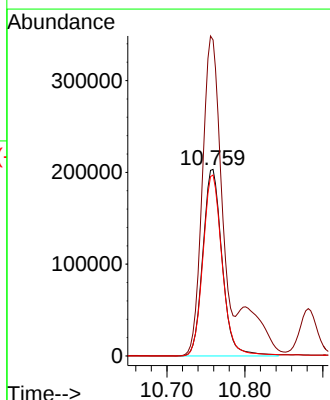
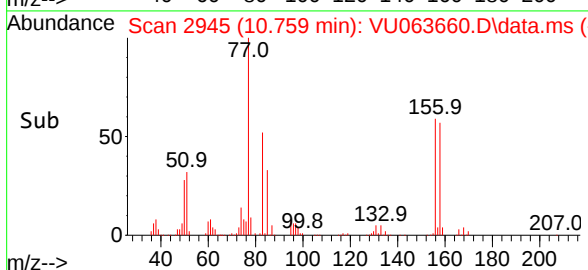
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

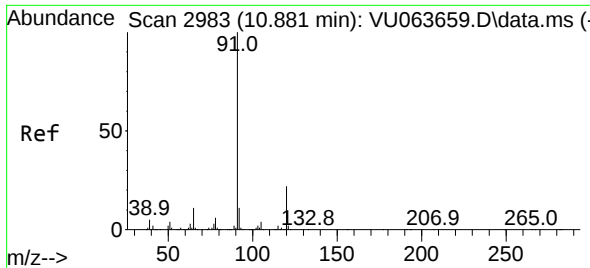


#72
Bromobenzene
Concen: 17.564 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



Tgt Ion:156 Resp: 349354
Ion Ratio Lower Upper
156 100
77 169.4 0.0 337.2
158 97.4 0.0 191.8





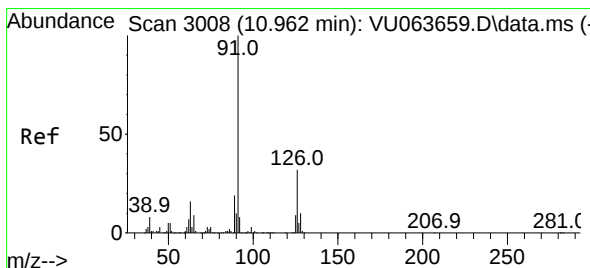
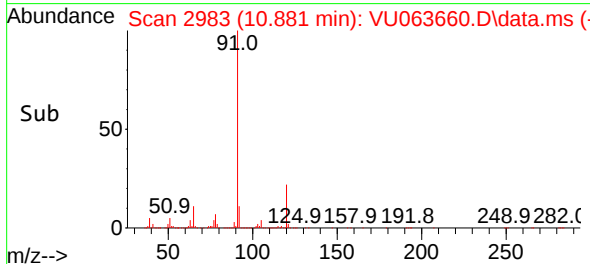
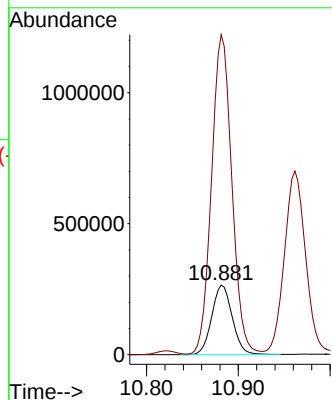
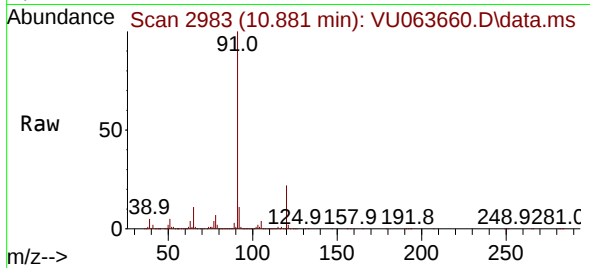
#73
n-propylbenzene
Concen: 18.590 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:120 Resp: 41255
Ion Ratio Lower Upper
120 100
91 453.9 361.4 542.2

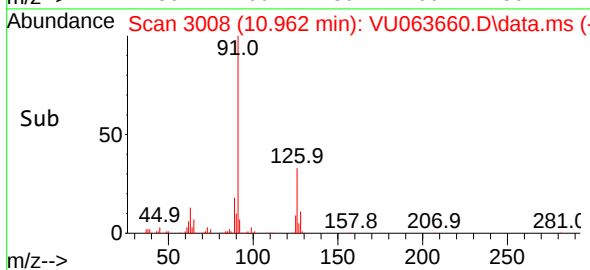
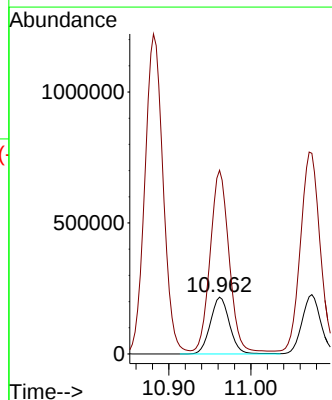
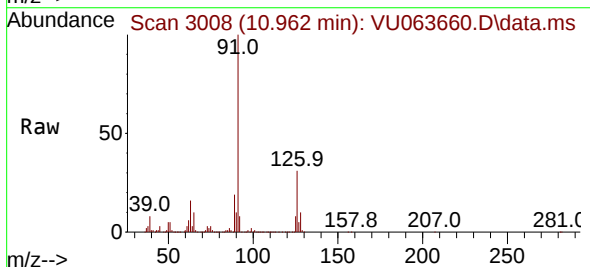
Manual Integrations
APPROVED

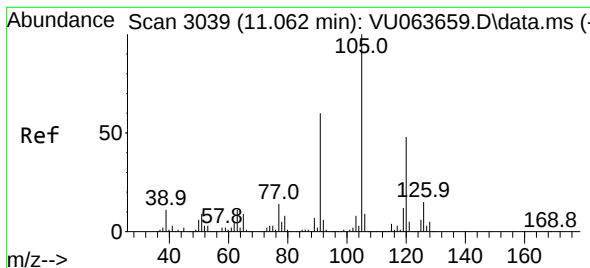
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#74
2-Chlorotoluene
Concen: 17.663 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

Tgt Ion:126 Resp: 352624
Ion Ratio Lower Upper
126 100
91 320.1 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 18.509 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 133260

Ion Ratio Lower Upper

105 100

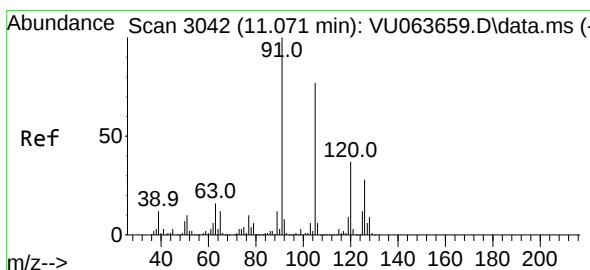
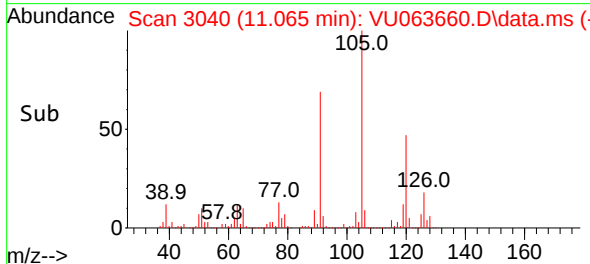
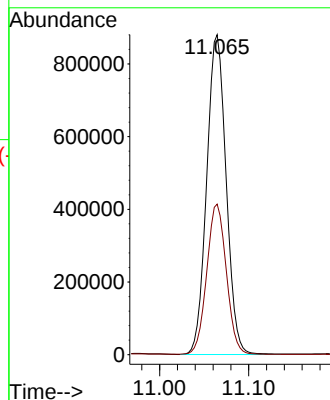
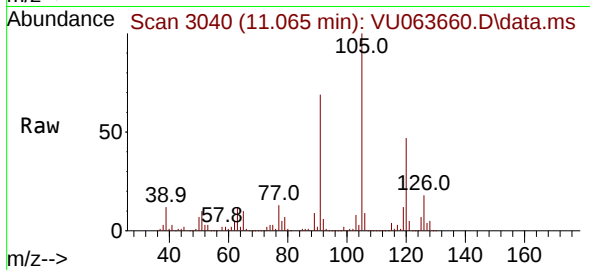
120 47.3 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#76

4-Chlorotoluene

Concen: 17.263 ug/l

RT: 11.074 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VU063660.D

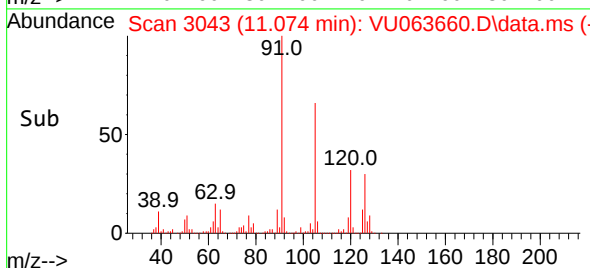
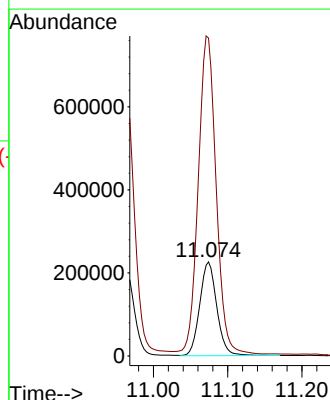
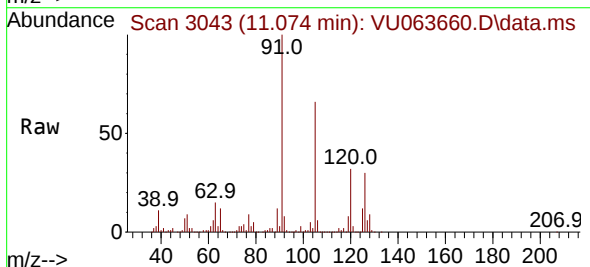
Acq: 31 Oct 2025 13:06

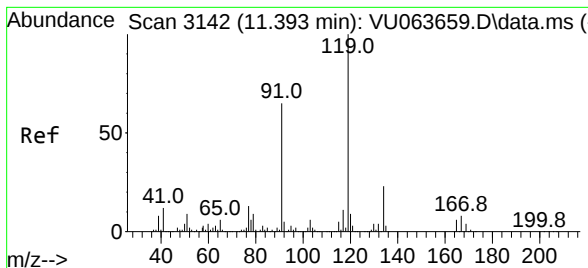
Tgt Ion:126 Resp: 359879

Ion Ratio Lower Upper

126 100

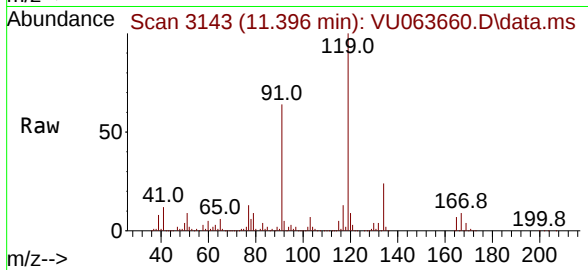
91 356.0 0.0 716.6





#77
tert-Butylbenzene
Concen: 18.497 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

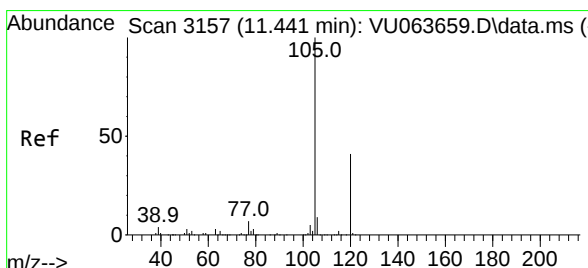
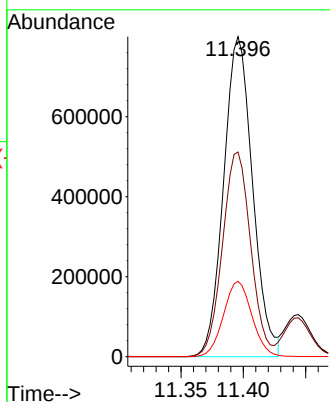
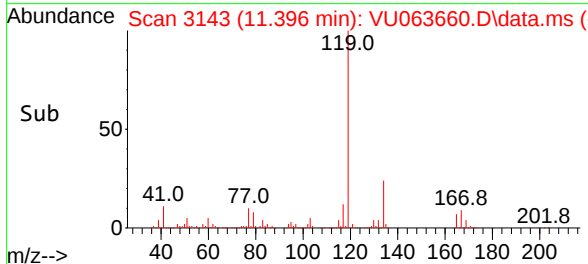
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:119 Resp: 129316
Ion Ratio Lower Upper
119 100
91 62.3 31.3 93.8
134 23.2 18.7 28.1

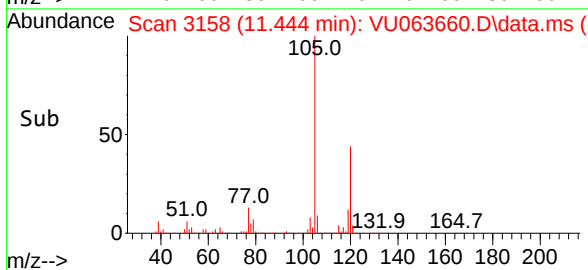
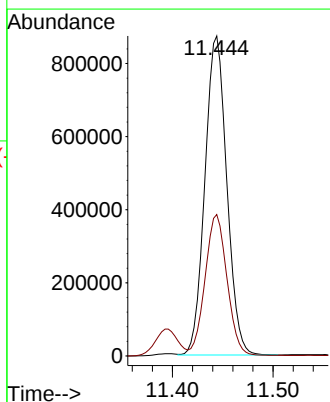
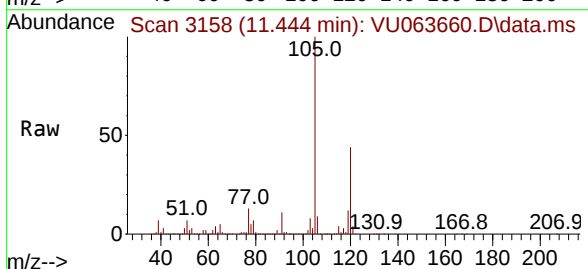
Manual Integrations
APPROVED

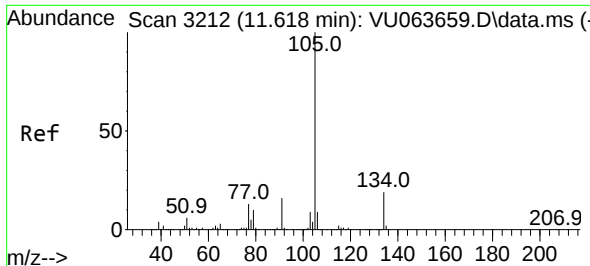
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



#78
1,2,4-Trimethylbenzene
Concen: 18.846 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

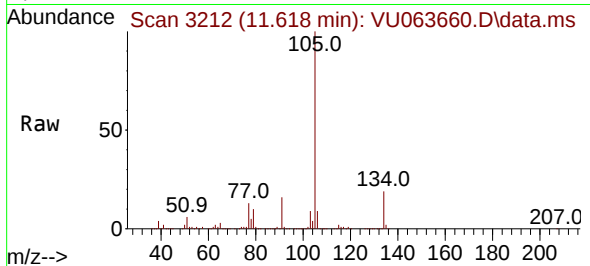
Tgt Ion:105 Resp: 1319794
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 18.332 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06

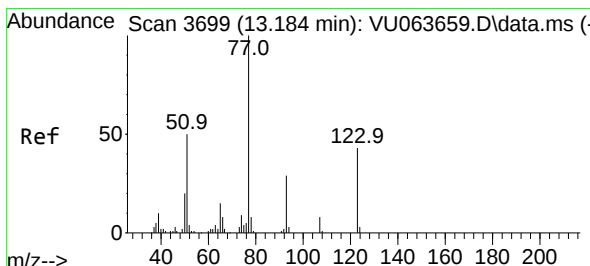
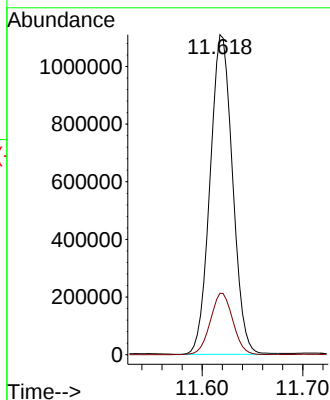
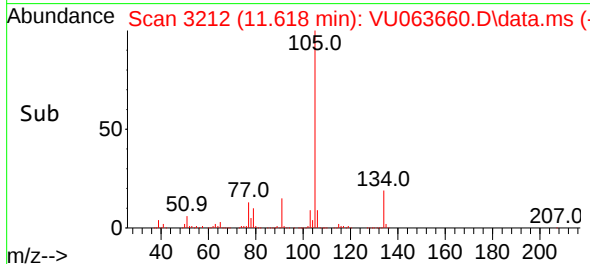
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



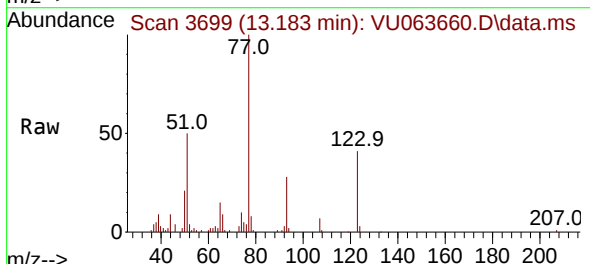
Tgt Ion: 105 Resp: 172780
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5

Manual Integrations
 APPROVED

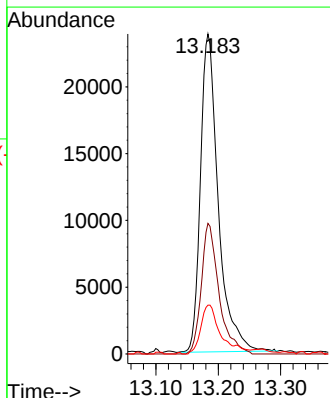
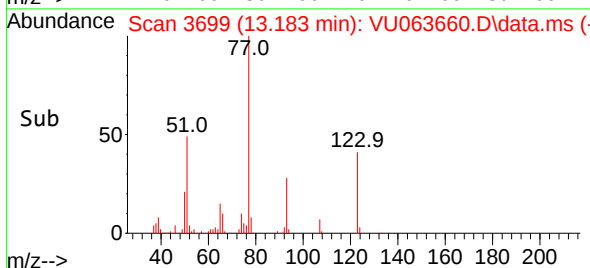
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

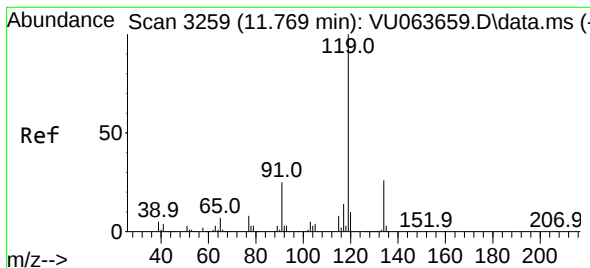


#80
 Nitrobenzene
 Concen: 161.171 ug/l
 RT: 13.183 min Scan# 3699
 Delta R.T. -0.000 min
 Lab File: VU063660.D
 Acq: 31 Oct 2025 13:06



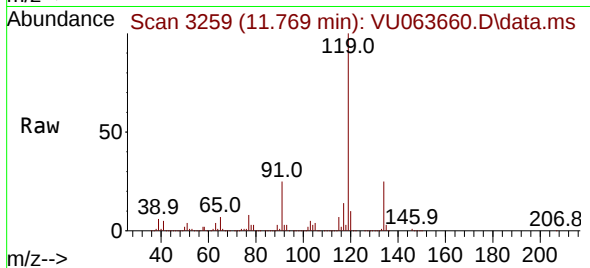
Tgt Ion: 77 Resp: 47264
 Ion Ratio Lower Upper
 77 100
 123 40.7 18.2 64.4
 65 13.0 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 18.851 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

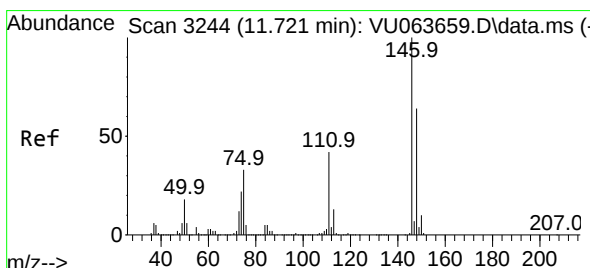
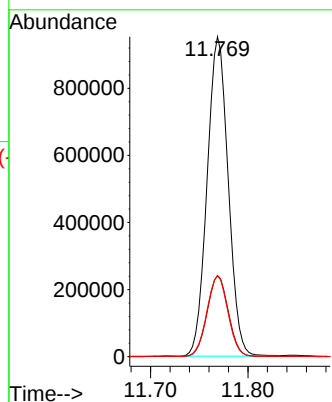
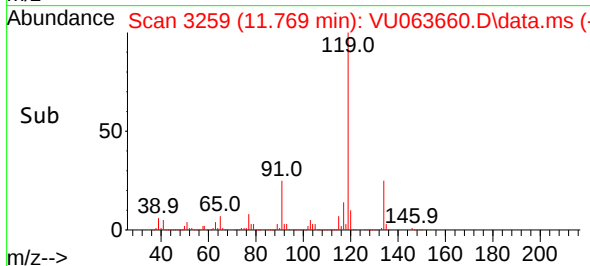
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



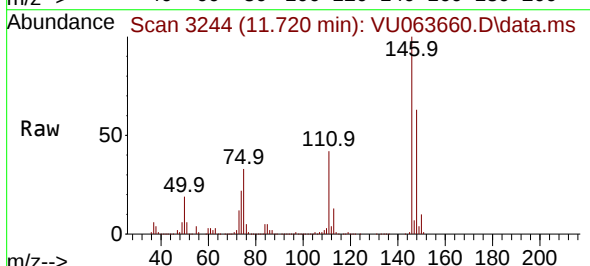
Tgt Ion:119 Resp: 1429360
Ion Ratio Lower Upper
119 100
134 25.3 20.3 30.5
91 25.1 20.1 30.1

Manual Integrations
APPROVED

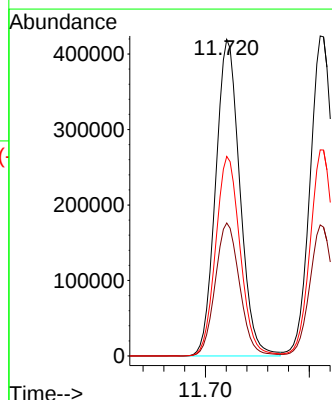
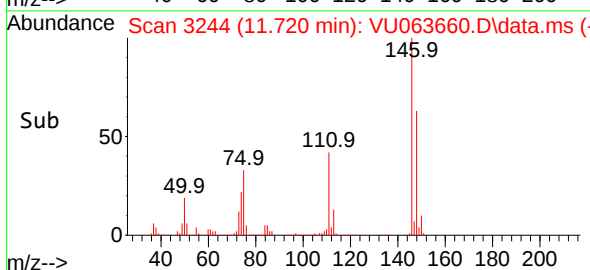
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

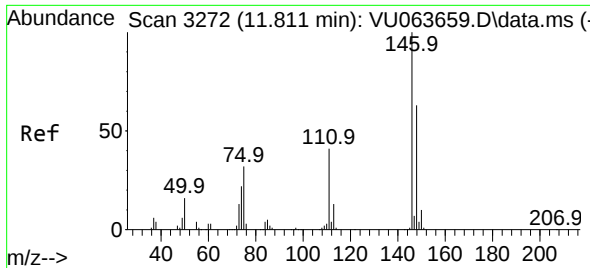


#82
1,3-Dichlorobenzene
Concen: 17.114 ug/l
RT: 11.720 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



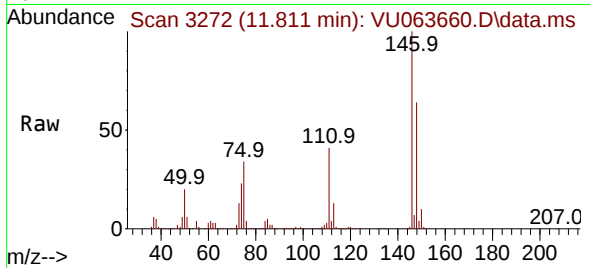
Tgt Ion:146 Resp: 679465
Ion Ratio Lower Upper
146 100
111 42.3 33.8 50.8
148 63.8 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 16.567 ug/l
RT: 11.811 min Scan# 3272
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

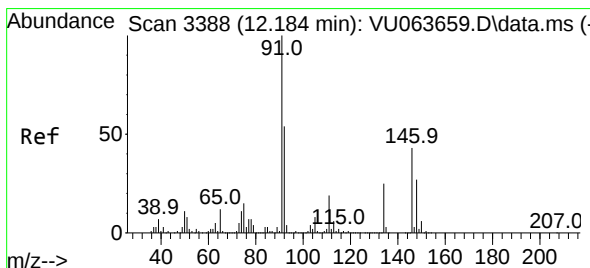
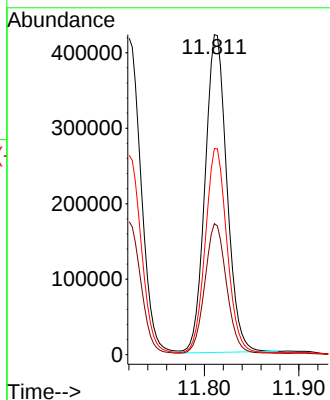
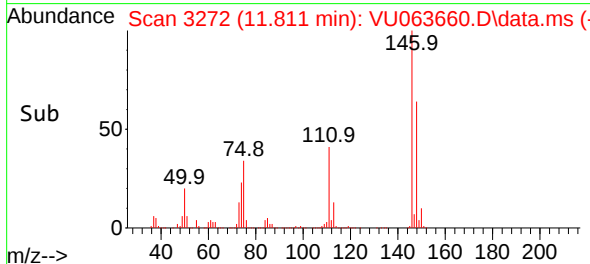
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



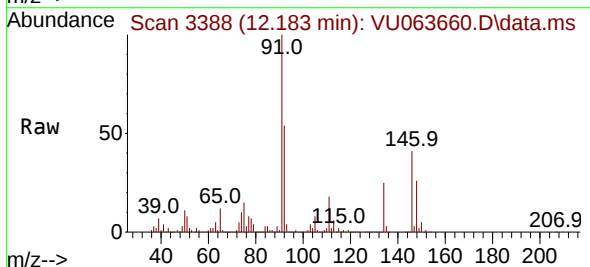
Tgt Ion:146 Resp: 67484
Ion Ratio Lower Upper
146 100
111 41.0 33.0 49.4
148 64.4 50.6 76.0

Manual Integrations
APPROVED

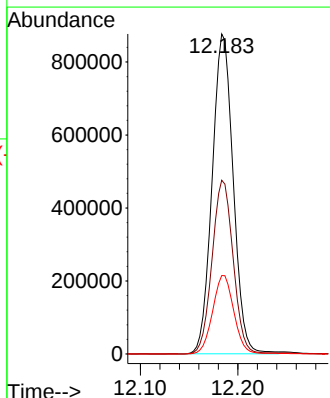
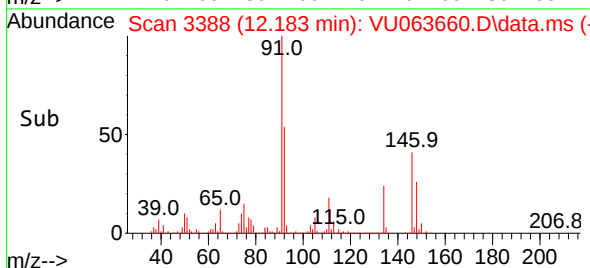
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

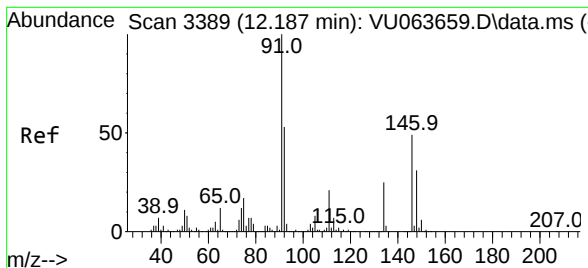


#84
n-Butylbenzene
Concen: 18.588 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



Tgt Ion: 91 Resp: 1317608
Ion Ratio Lower Upper
91 100
92 54.5 43.1 64.7
134 24.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 16.935 ug/l

RT: 12.187 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:146 Resp: 64733

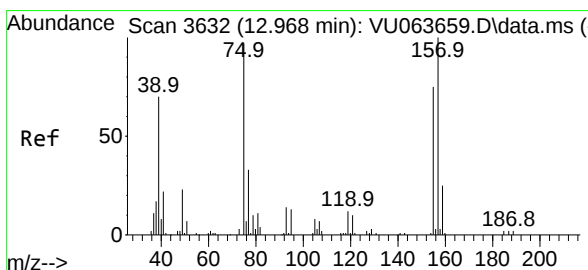
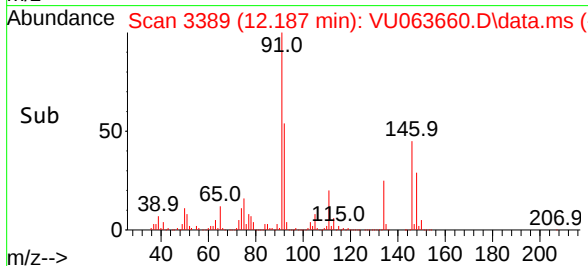
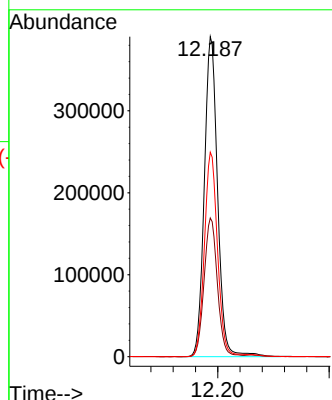
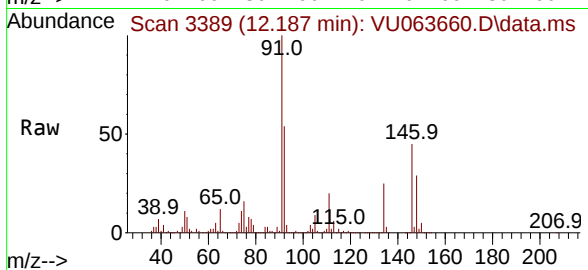
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 21.257 ug/l

RT: 12.968 min Scan# 3632

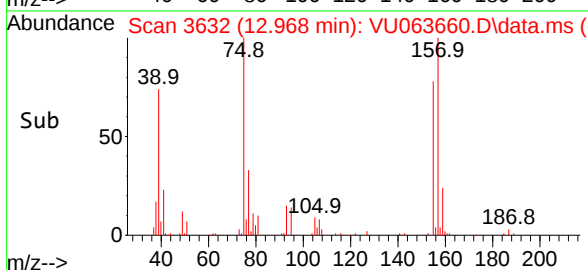
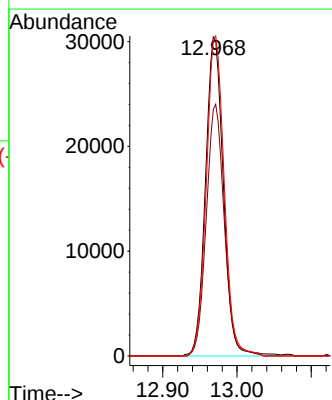
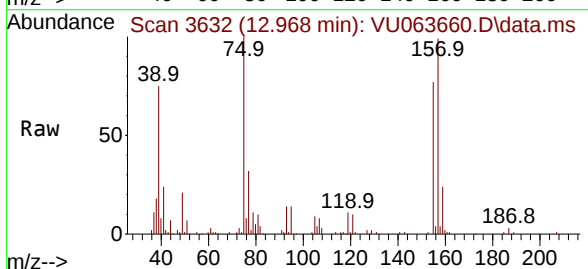
Delta R.T. -0.000 min

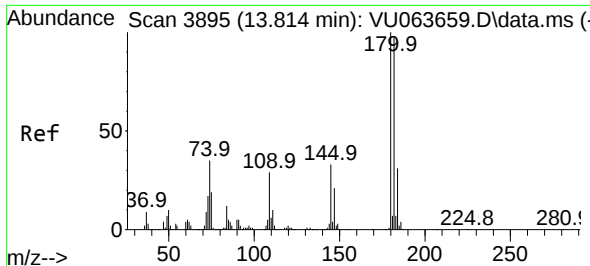
Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Tgt Ion: 75 Resp: 50885

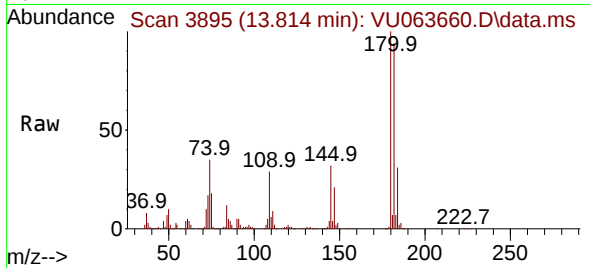
Ion	Ratio	Lower	Upper
75	100		
155	79.7	62.2	93.4
157	100.4	81.3	121.9





#87
1,2,4-Trichlorobenzene
Concen: 17.684 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06

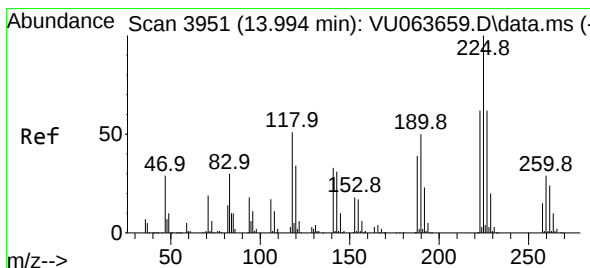
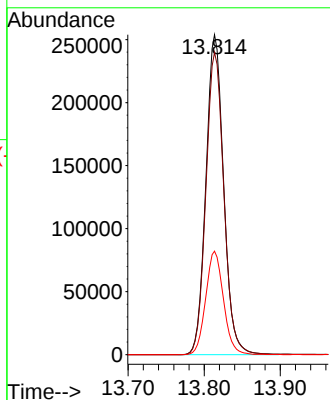
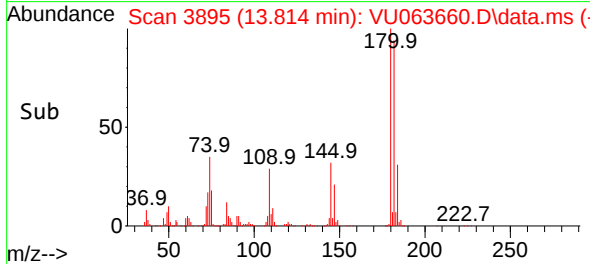
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



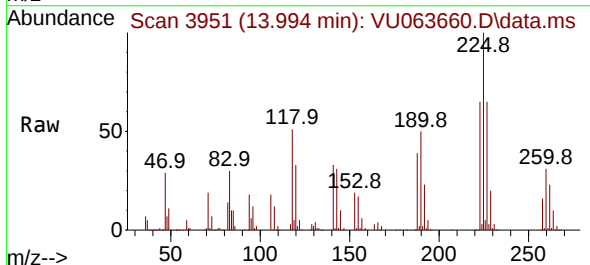
Tgt Ion:180 Resp: 411895
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 32.4 26.2 39.2

Manual Integrations
APPROVED

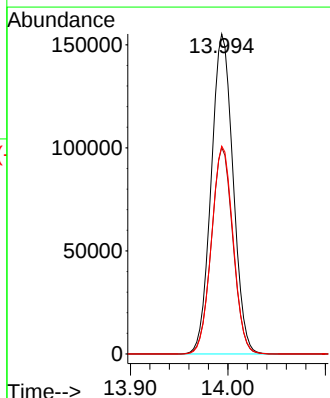
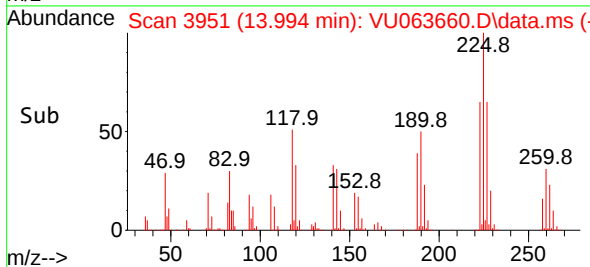
Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

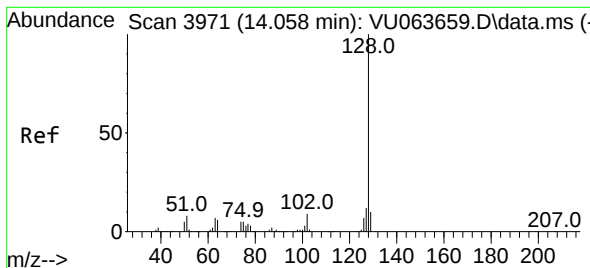


#88
Hexachlorobutadiene
Concen: 16.884 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063660.D
Acq: 31 Oct 2025 13:06



Tgt Ion:225 Resp: 241747
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 64.3 50.0 75.0





#89

Naphthalene

Concen: 17.607 ug/l

RT: 14.061 min Scan# 3971

Delta R.T. 0.003 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

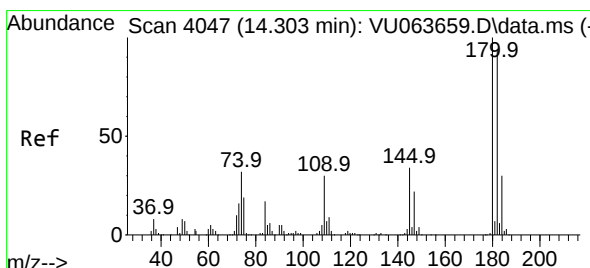
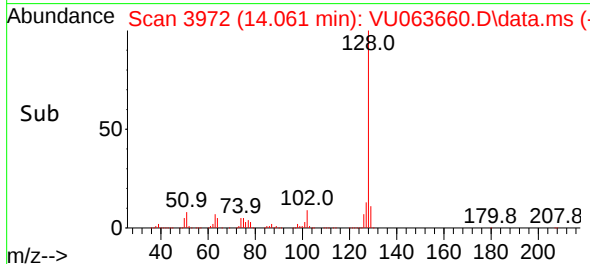
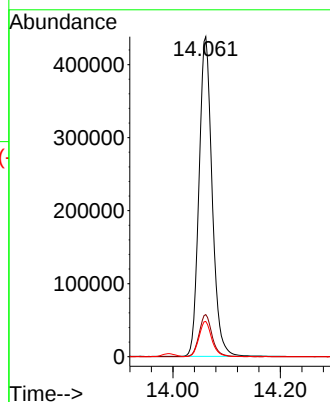
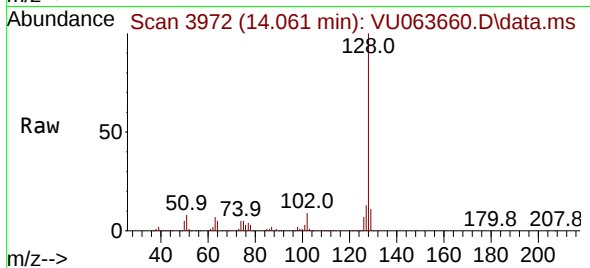
Tgt Ion:	128	Resp:	740694
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Mahesh Dadoda 11/03/2025



#90

1,2,3-Trichlorobenzene

Concen: 16.999 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063660.D

Acq: 31 Oct 2025 13:06

Tgt Ion:	180	Resp:	373922
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.4	113.0
145	34.5	27.4	41.2

