

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063678.D
 Acq On : 07 Nov 2025 08:55
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 08 02:30:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.084	96	56326	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.608	95	30737	1.206	ug/l	0.00
Spiked Amount 1.000			Recovery	=	121.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	22267	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	220306	10.391	ug/l	99
3) Chloromethane	1.509	50	196622	9.862	ug/l	100
4) Vinyl Chloride	1.589	62	215870	10.648	ug/l	99
5) Bromomethane	1.837	94	125847	10.269	ug/l	98
6) Chloroethane	1.914	64	134381	10.797	ug/l	99
7) Trichlorofluoromethane	2.120	101	324368	11.000	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	176543	11.257	ug/l	99
9) 1,1-Dichloroethene	2.557	96	165673	10.909	ug/l	99
10) Iodomethane	2.695	142	249227	11.049	ug/l	99
11) Allyl Chloride	2.898	41	249055	10.502	ug/l	99
12) Acrylonitrile	3.287	53	74730	19.892	ug/l	98
13) Acetone	2.602	43	390831	58.903	ug/l	100
14) Carbon Disulfide	2.766	76	437359	10.221	ug/l	98
15) Methylene Chloride	3.017	84	187312	9.596	ug/l	97
16) trans-1,2-Dichloroethene	3.322	96	181343	10.828	ug/l	97
17) 1,1-Dichloroethane	3.833	63	358583	10.810	ug/l	100
18) 2-Butanone	4.682	43	399899	56.816	ug/l	99
19) Cyclohexane	5.348	56	273583	10.793	ug/l	97
20) Methylcyclohexane	6.727	83	318121	10.081	ug/l	99
21) 2,2-Dichloropropane	4.627	77	318377	10.697	ug/l	99
22) cis-1,2-Dichloroethene	4.631	96	208520	10.936	ug/l	99
23) Diethyl Ether	2.357	59	128136	10.297	ug/l	98
24) tert-Butyl Alcohol	3.161	59	147413	68.727	ug/l	97
25) Methyl tert-Butyl Ether	3.338	73	443600	9.968	ug/l	99
26) Bromochloromethane	4.939	128	84092	10.455	ug/l	99
27) Chloroform	5.055	83	370370	10.912	ug/l	99
28) 1,1,1-Trichloroethane	5.280	97	323601	10.811	ug/l	100
29) 1,1-Dichloropropene	5.489	75	278367	11.078	ug/l	99
30) Carbon Tetrachloride	5.486	117	259537	10.954	ug/l	99
31) Isopropyl Ether	3.965	45	563804	10.728	ug/l	98
32) Ethyl-t-butyl ether	4.480	59	506156	9.997	ug/l	99
33) Tert-Amyl methyl ether	5.920	73	443726	10.065	ug/l	99
34) Propionitrile	4.746	54	65529	47.644	ug/l	98
35) Benzene	5.740	78	769971	10.871	ug/l	98
36) 1,2-Dichloroethane	5.766	62	240371	10.569	ug/l	100
37) Trichloroethene	6.512	130	209344	10.370	ug/l	96
38) 1,2-Dichloropropane	6.762	63	200655	10.123	ug/l	100
39) Methacrylonitrile	4.949	41	59310	8.663	ug/l	98
40) Methyl acrylate	4.820	55	87314	8.782	ug/l	98
41) Tetrahydrofuran	5.036	42	59924	19.453	ug/l	98
42) 1-Chlorobutane	5.425	56	379109	11.258	ug/l	98
43) Dibromomethane	6.891	93	99664	9.720	ug/l	100
44) Bromodichloromethane	7.078	83	250354	9.985	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 08 02:30:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

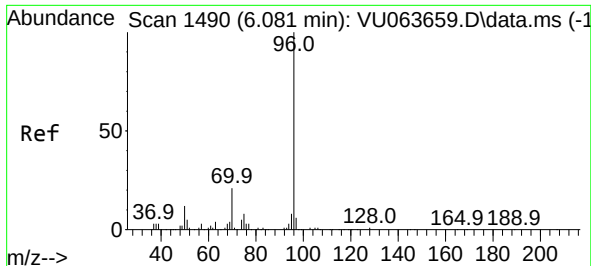
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	572377	46.291	ug/l	99
46) t-1,4-Dichloro-2-butene	10.804	75	86453m	20.157	ug/l	
47) Methyl methacrylate	6.942	69	177116	18.773	ug/l	99
48) Ethyl methacrylate	8.315	69	180780	9.422	ug/l	98
49) Toluene	7.942	92	500236	10.472	ug/l	98
50) t-1,3-Dichloropropene	8.187	75	197055	9.042	ug/l	99
51) cis-1,3-Dichloropropene	7.579	75	268430	9.849	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	142783	10.243	ug/l	99
53) 1,3-Dichloropropane	8.550	76	244099	9.803	ug/l	98
54) 2-Hexanone	8.669	43	582784	55.827	ug/l	99
55) Dibromochloromethane	8.785	129	159076	9.691	ug/l	100
56) 1,2-Dibromoethane	8.901	107	126991	9.573	ug/l	99
58) Tetrachloroethene	8.524	164	220906	11.187	ug/l	99
59) Chlorobenzene	9.421	112	546864	10.557	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.508	131	180411	9.948	ug/l	99
61) Pentachloroethane	11.402	117	116583	9.267	ug/l	98
62) Hexachloroethane	12.450	117	135563	9.830	ug/l	99
63) Ethyl Benzene	9.547	91	975335	10.395	ug/l	99
64) m/p-Xylenes	9.669	106	733576	20.943	ug/l	99
65) o-Xylene	10.074	106	358661	10.450	ug/l	99
66) Styrene	10.090	104	580435	10.424	ug/l	99
67) Bromoform	10.264	173	78869	8.900	ug/l	99
69) Isopropylbenzene	10.460	105	885777	10.450	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	164922	9.419	ug/l	99
71) 1,2,3-Trichloropropane	10.798	75	133503m	8.764	ug/l	
72) Bromobenzene	10.759	156	212591	10.370	ug/l	99
73) n-propylbenzene	10.881	120	256469	10.648	ug/l	97
74) 2-Chlorotoluene	10.962	126	221722	10.621	ug/l	100
75) 1,3,5-Trimethylbenzene	11.065	105	815119	10.400	ug/l	100
76) 4-Chlorotoluene	11.074	126	225202	10.744	ug/l	98
77) tert-Butylbenzene	11.396	119	773465	10.072	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	803491	10.681	ug/l	99
79) sec-Butylbenzene	11.618	105	1049111	10.385	ug/l	99
80) Nitrobenzene	13.187	77	13085	21.250	ug/l	99
81) p-Isopropyltoluene	11.769	119	862278	10.425	ug/l	100
82) 1,3-Dichlorobenzene	11.720	146	423068	10.656	ug/l	99
83) 1,4-Dichlorobenzene	11.810	146	414357	10.503	ug/l	99
84) n-Butylbenzene	12.183	91	782241	10.552	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	390134	10.390	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.968	75	25508	8.792	ug/l	99
87) 1,2,4-Trichlorobenzene	13.814	180	235806	10.193	ug/l	99
88) Hexachlorobutadiene	13.994	225	152177	11.050	ug/l	99
89) Naphthalene	14.061	128	368157	8.272	ug/l	100
90) 1,2,3-Trichlorobenzene	14.302	180	206776	9.777	ug/l	98

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

Manual Integrations

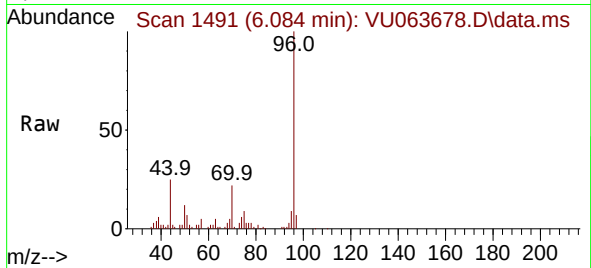
Quant Time: Nov 08 02:30:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

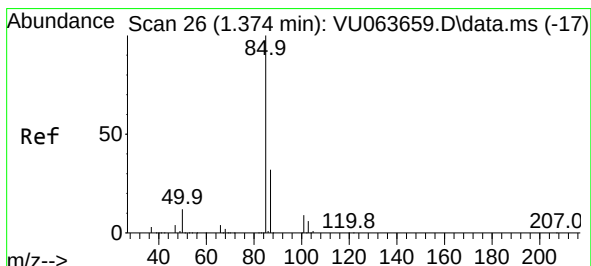
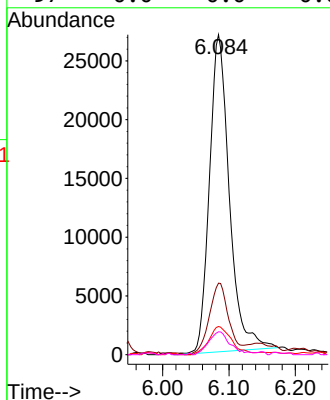
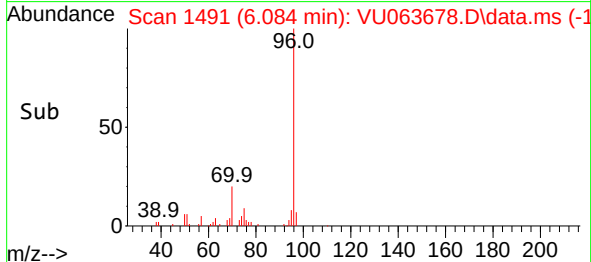
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 56320
Ion Ratio Lower Upper
96 100
70 18.6 15.3 22.9
95 9.3 6.5 9.7
97 0.0 0.0 0.0

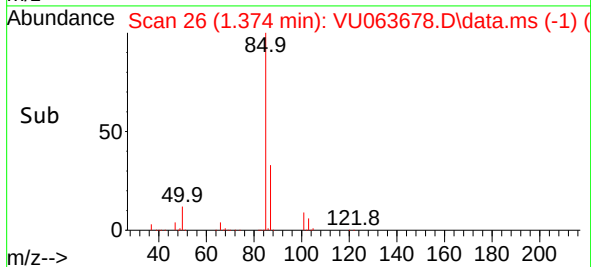
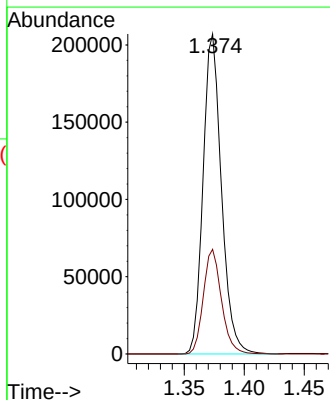
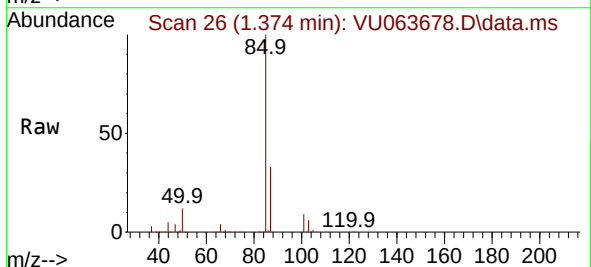
Manual Integrations
APPROVED

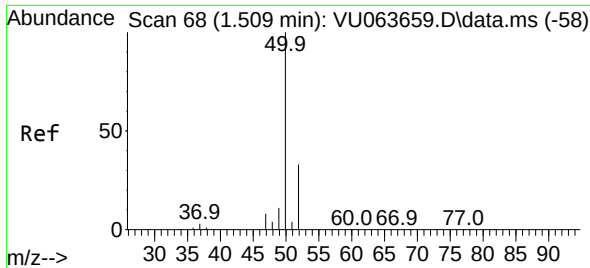
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 10.391 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

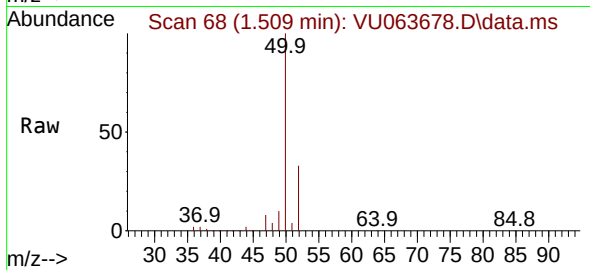
Tgt Ion: 85 Resp: 220306
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9





#3
Chloromethane
Concen: 9.862 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

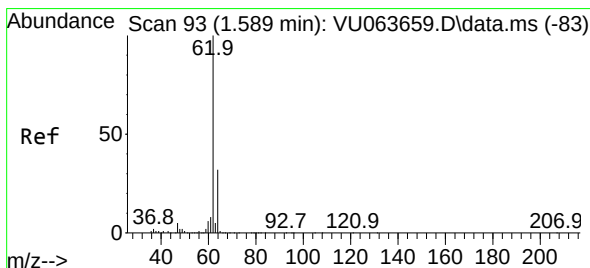
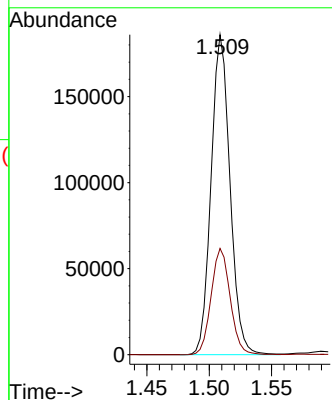
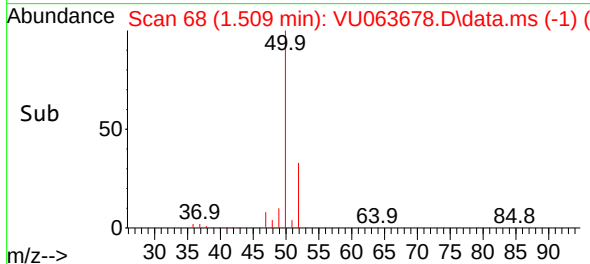
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 19662
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

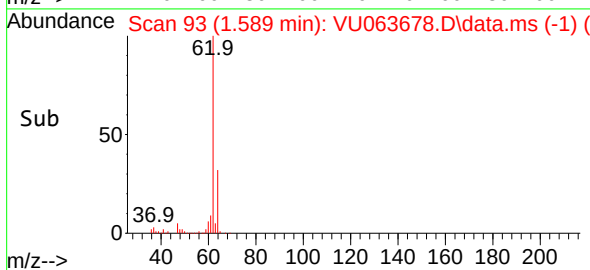
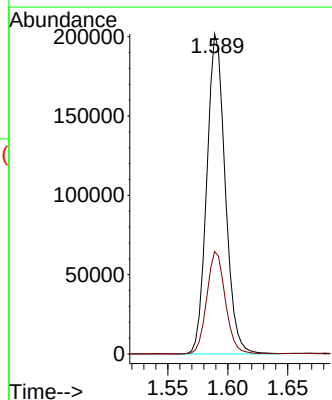
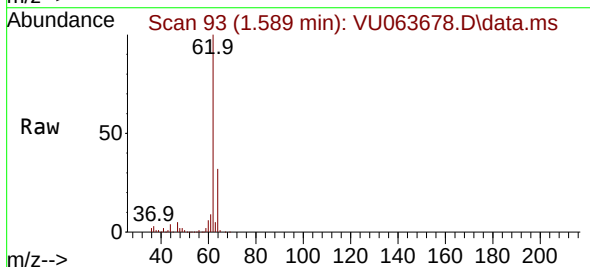
Manual Integrations
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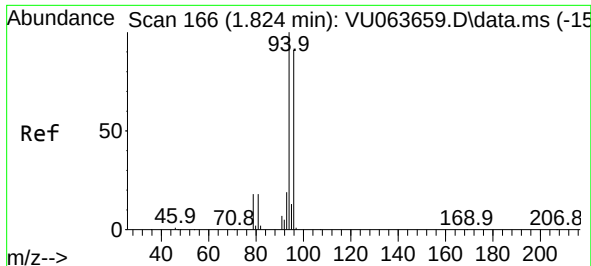
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 10.648 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

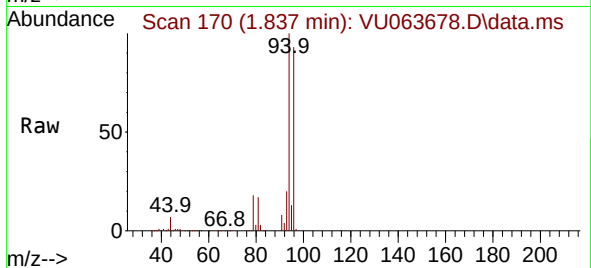
Tgt Ion: 62 Resp: 215870
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8





#5
Bromomethane
Concen: 10.269 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

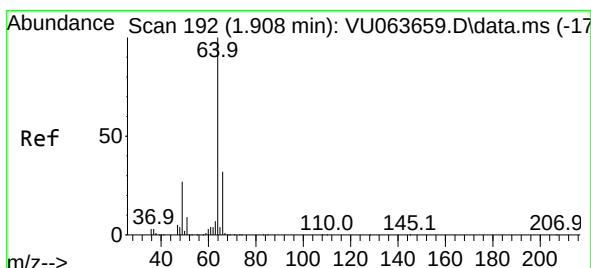
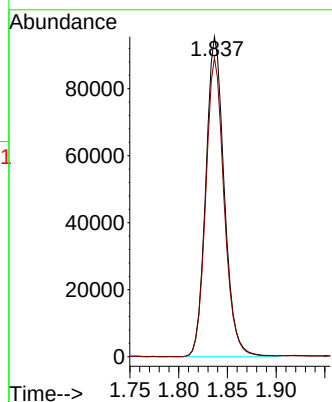
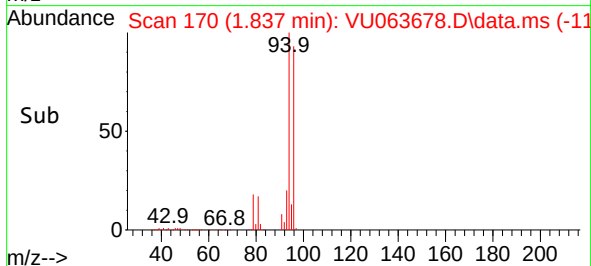
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 12584
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6

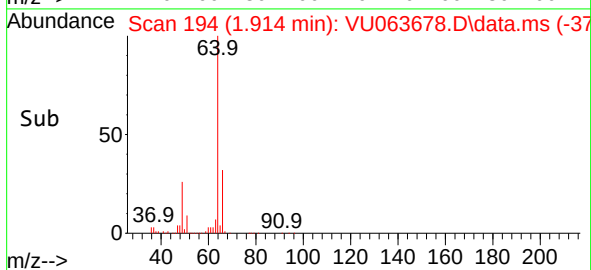
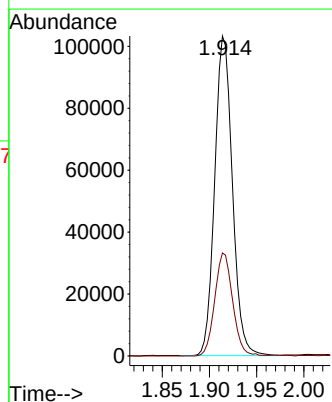
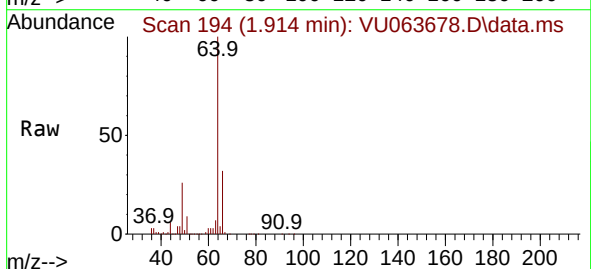
Manual Integrations
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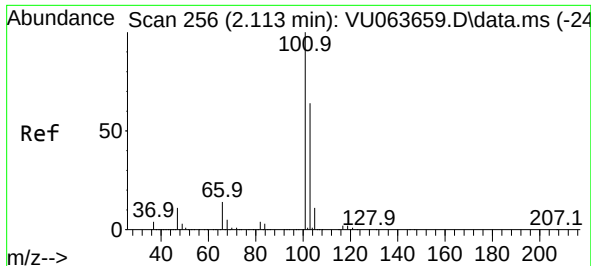
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 10.797 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

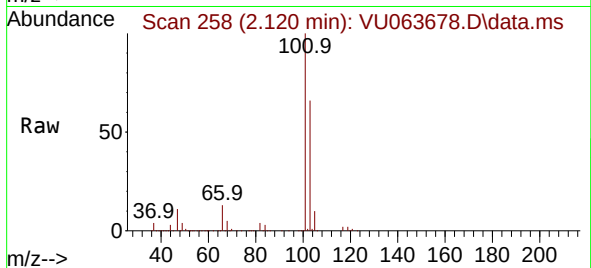
Tgt Ion: 64 Resp: 134381
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 11.000 ug/l
RT: 2.120 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

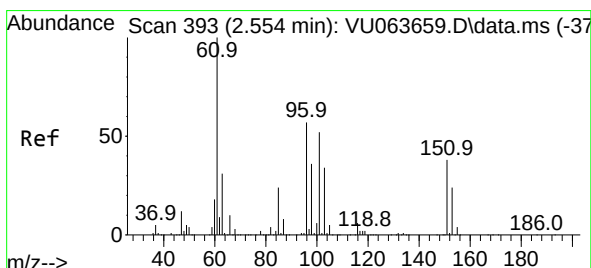
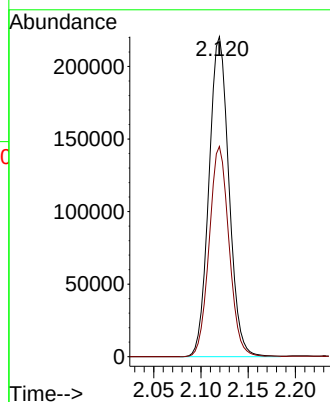
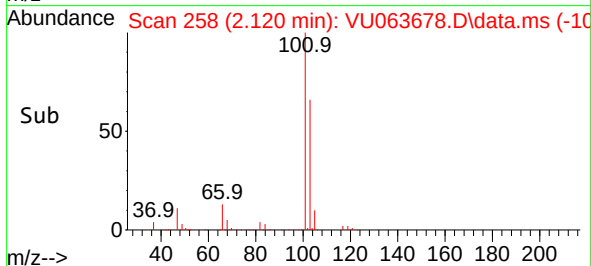
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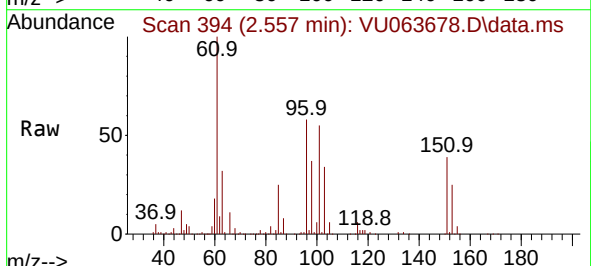
Tgt Ion:101 Resp: 32436
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.6

Manual Integrations
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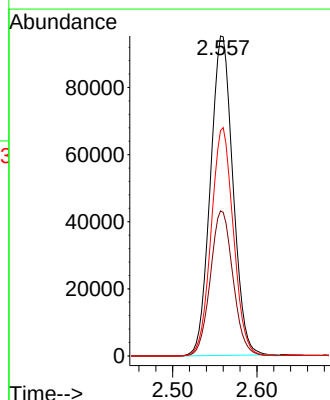
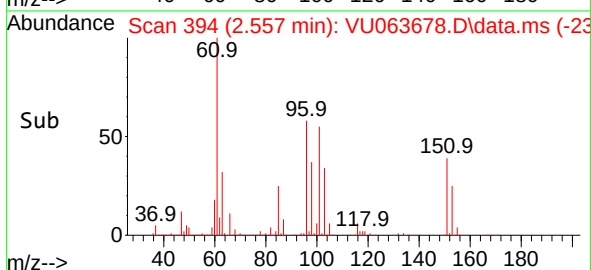
Reviewed By :John Carlone 11/12/2025
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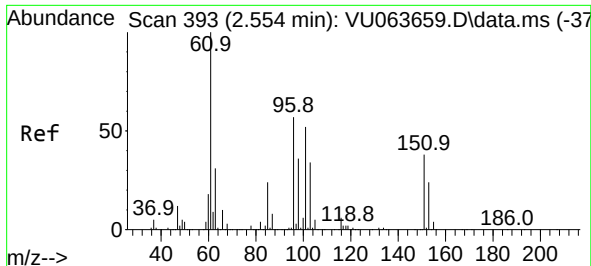


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.257 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:101 Resp: 176543
Ion Ratio Lower Upper
101 100
85 45.4 37.0 55.4
151 70.5 57.2 85.8





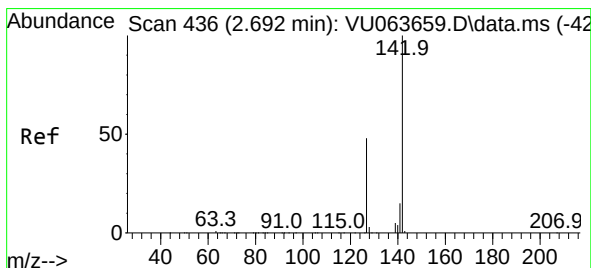
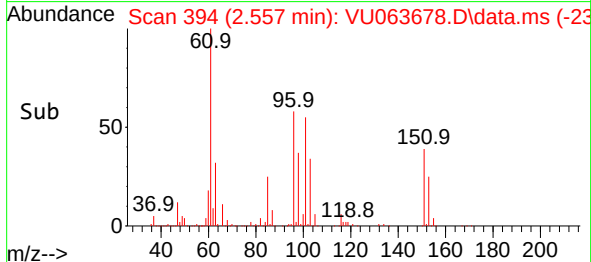
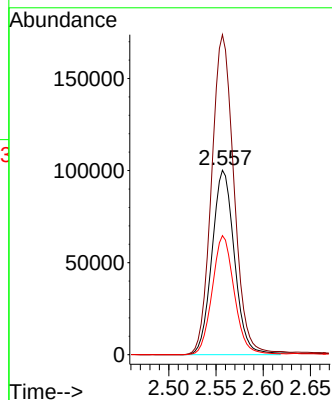
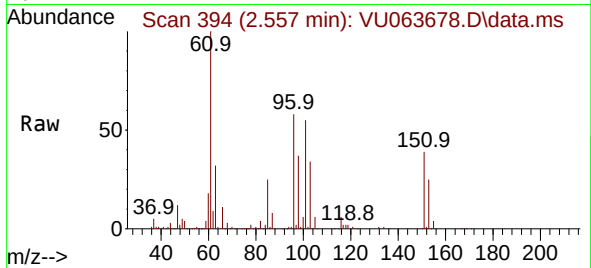
#9
1,1-Dichloroethene
Concen: 10.909 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 16567
Ion Ratio Lower Upper
96 100
61 173.5 0.0 524.7
98 64.5 0.0 126.8

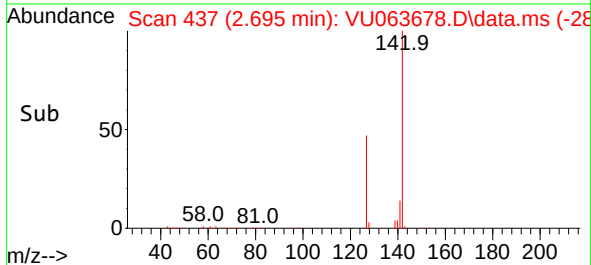
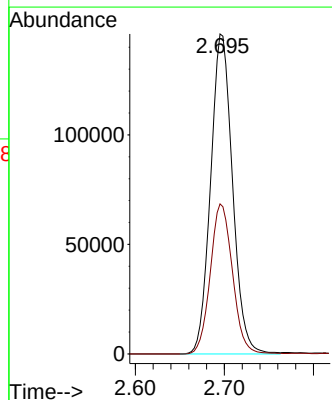
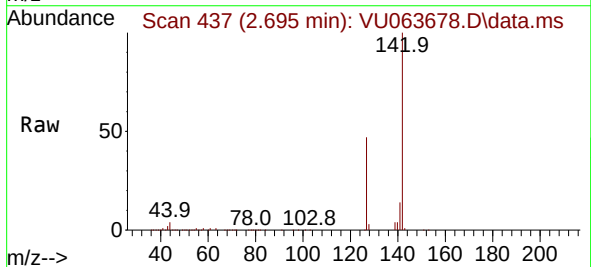
Manual Integrations
APPROVED

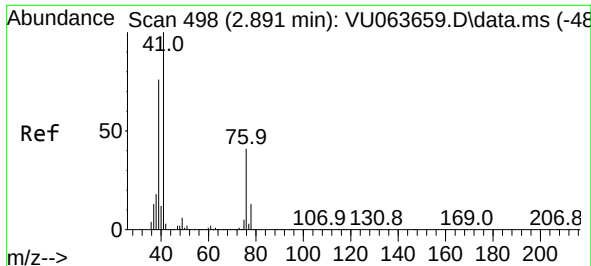
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 11.049 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

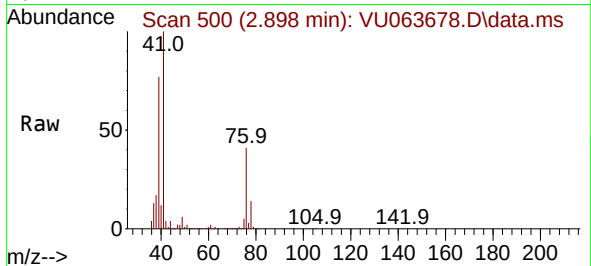
Tgt Ion:142 Resp: 249227
Ion Ratio Lower Upper
142 100
127 47.5 38.6 58.0





#11
 Allyl Chloride
 Concen: 10.502 ug/l
 RT: 2.898 min Scan# 500
 Delta R.T. 0.006 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55

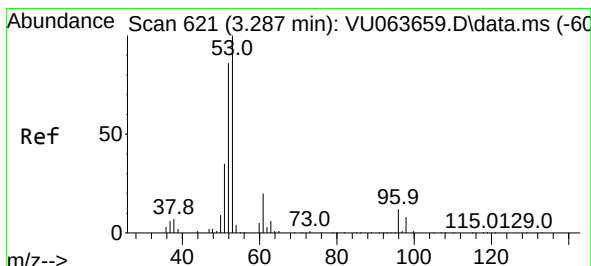
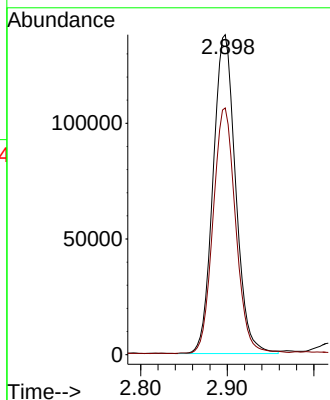
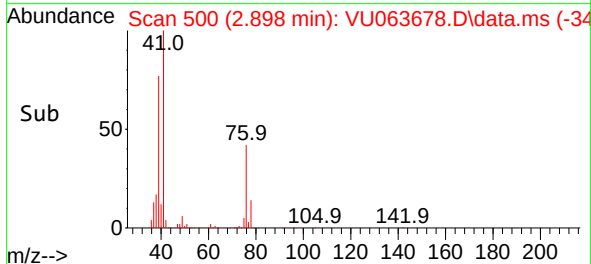
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 24905
 Ion Ratio Lower Upper
 41 100
 39 77.1 61.0 91.4

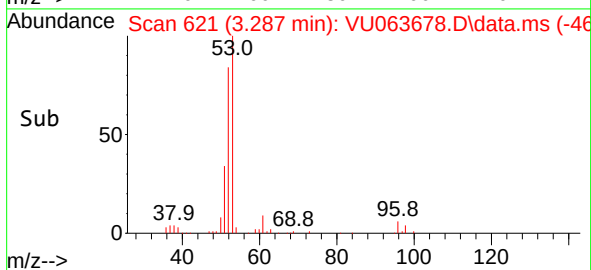
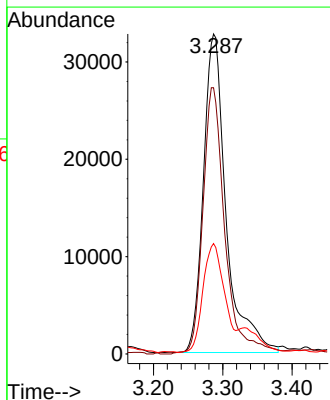
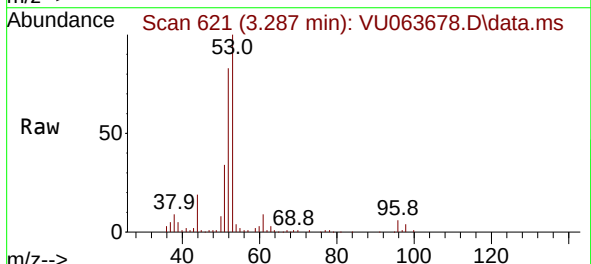
Manual Integrations
 APPROVED

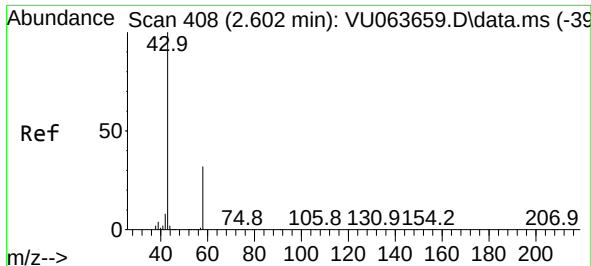
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#12
 Acrylonitrile
 Concen: 19.892 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55

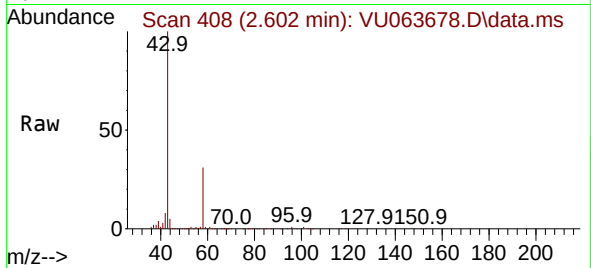
Tgt Ion: 53 Resp: 74730
 Ion Ratio Lower Upper
 53 100
 52 80.6 65.4 98.0
 51 32.1 27.6 41.4





#13
Acetone
Concen: 58.903 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

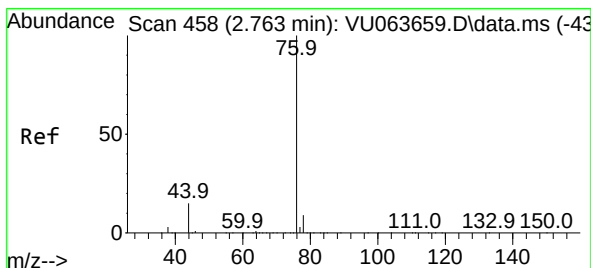
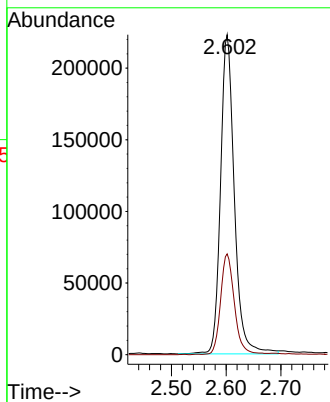
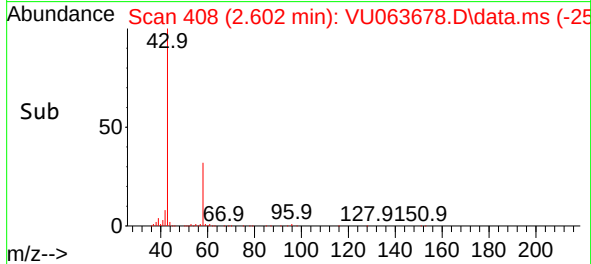
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



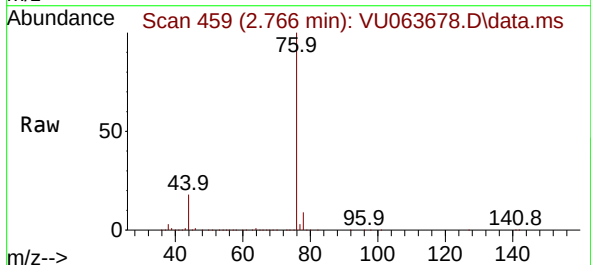
Tgt Ion: 43 Resp: 39083
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8

Manual Integrations
APPROVED

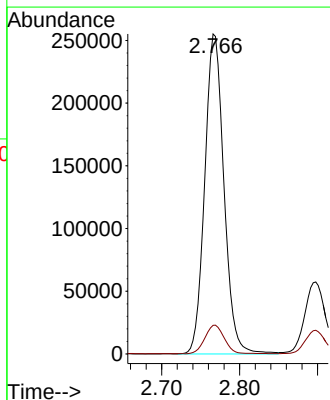
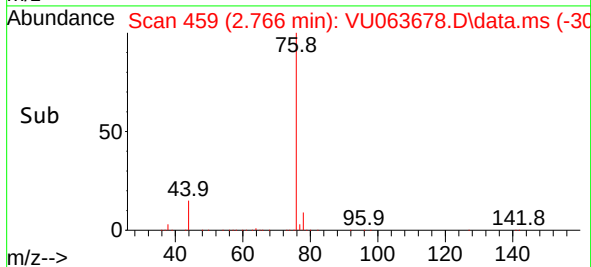
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

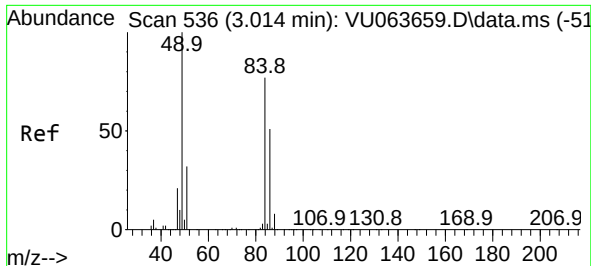


#14
Carbon Disulfide
Concen: 10.221 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



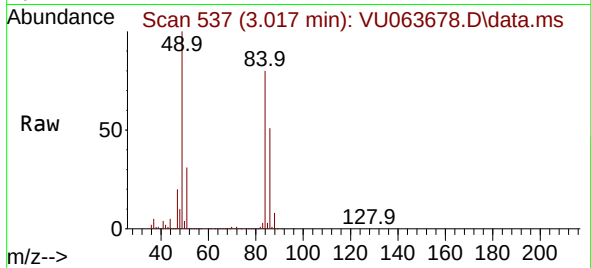
Tgt Ion: 76 Resp: 437359
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3





#15
Methylene Chloride
Concen: 9.596 ug/l
RT: 3.017 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

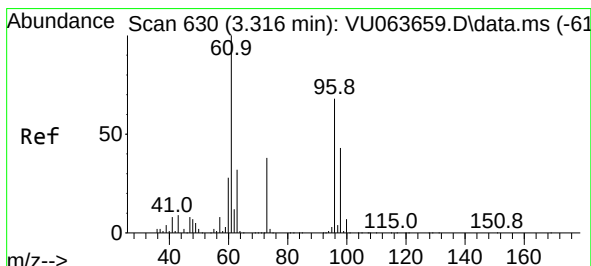
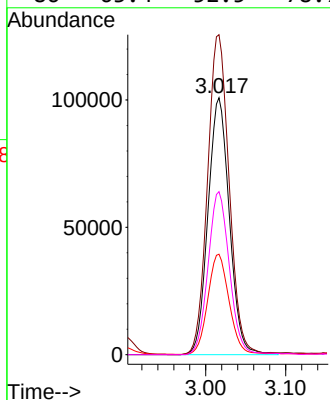
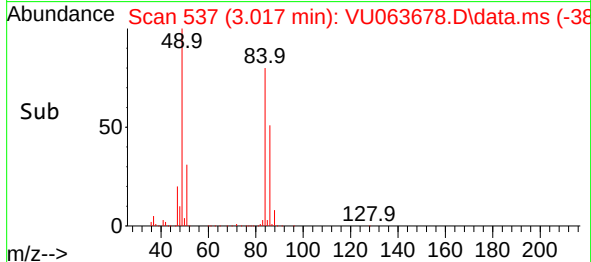
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



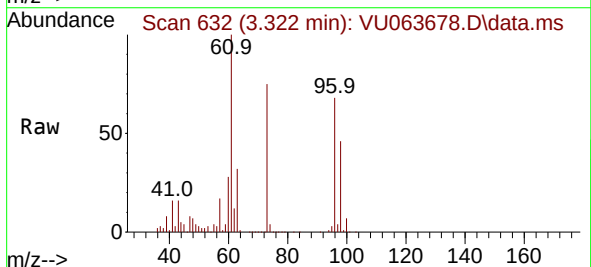
Tgt Ion: 84 Resp: 187312
Ion Ratio Lower Upper
84 100
49 124.5 103.4 155.0
51 39.0 0.0 81.6
86 63.4 52.5 78.7

Manual Integrations
APPROVED

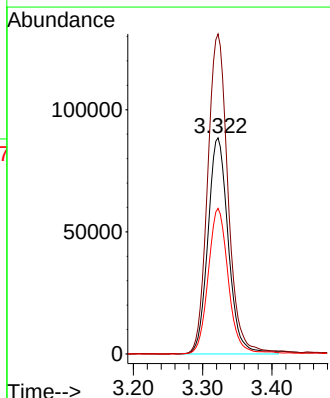
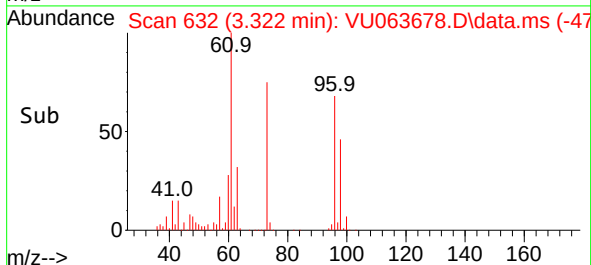
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

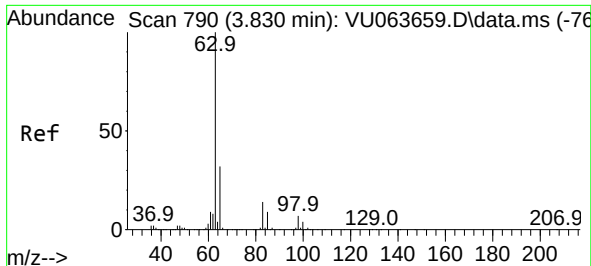


#16
trans-1,2-Dichloroethene
Concen: 10.828 ug/l
RT: 3.322 min Scan# 632
Delta R.T. 0.006 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



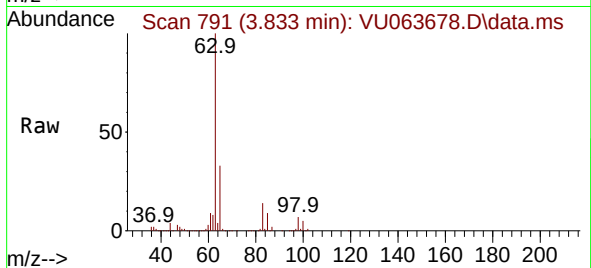
Tgt Ion: 96 Resp: 181343
Ion Ratio Lower Upper
96 100
61 148.0 117.4 176.2
98 67.4 49.9 74.9





#17
1,1-Dichloroethane
Concen: 10.810 ug/l
RT: 3.833 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

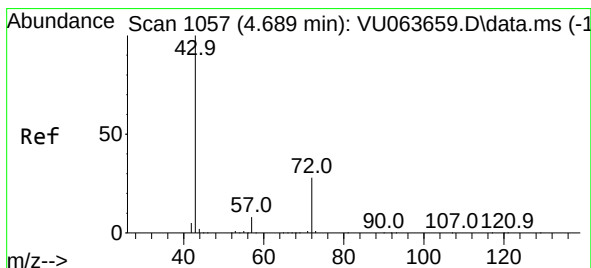
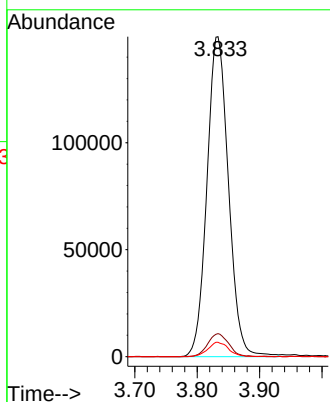
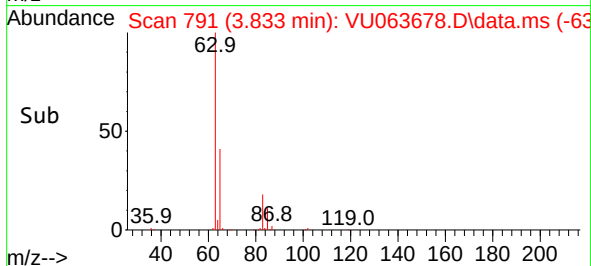
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



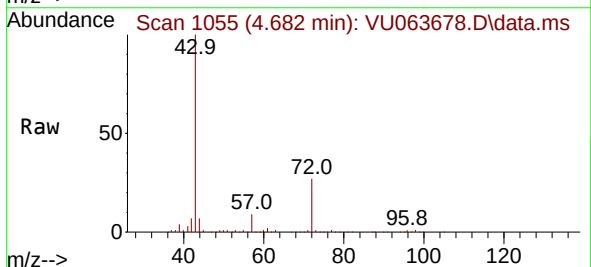
Tgt Ion: 63 Resp: 35858
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.5
100 4.5 2.2 6.6

Manual Integrations
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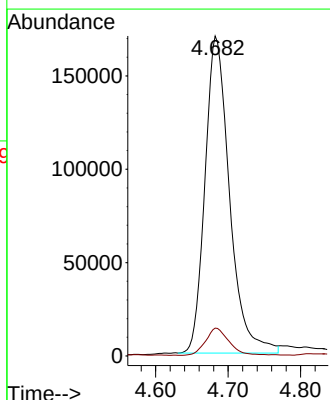
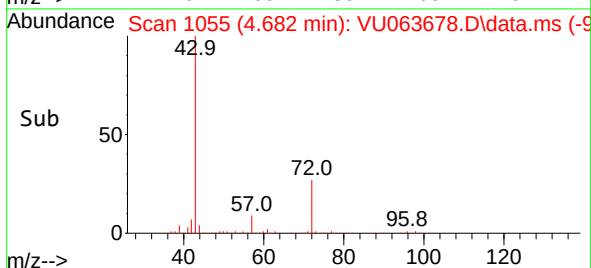
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

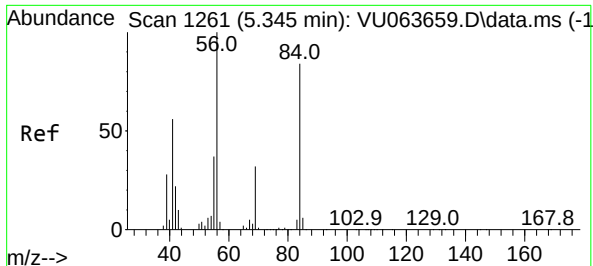


#18
2-Butanone
Concen: 56.816 ug/l
RT: 4.682 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion: 43 Resp: 399899
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.6





#19

Cyclohexane

Concen: 10.793 ug/l

RT: 5.348 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 27358

Ion Ratio Lower Upper

56 100

69 34.6 27.1 40.7

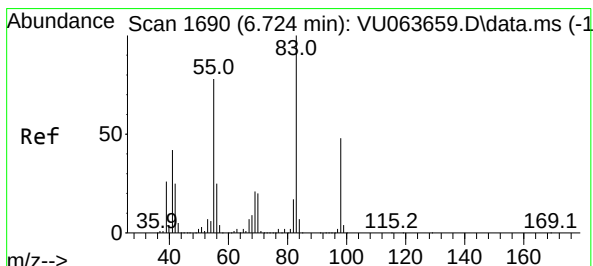
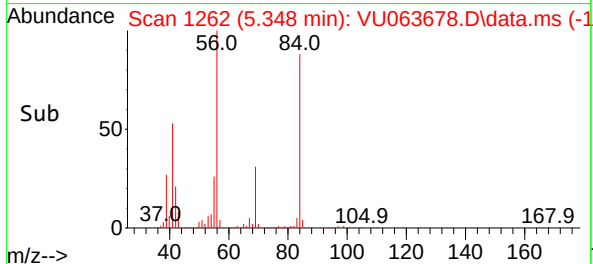
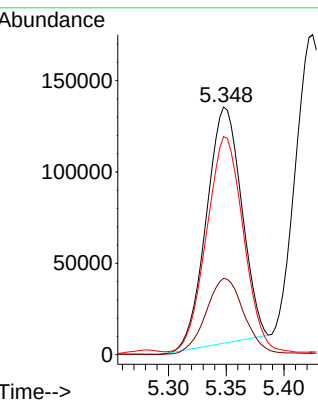
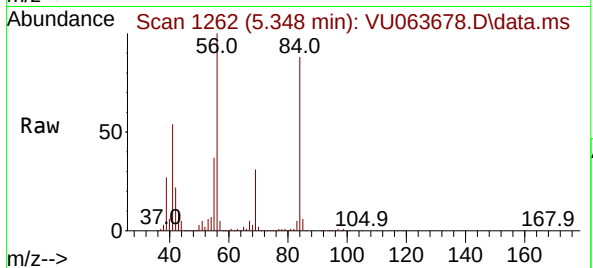
84 95.4 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 10.081 ug/l

RT: 6.727 min Scan# 1691

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

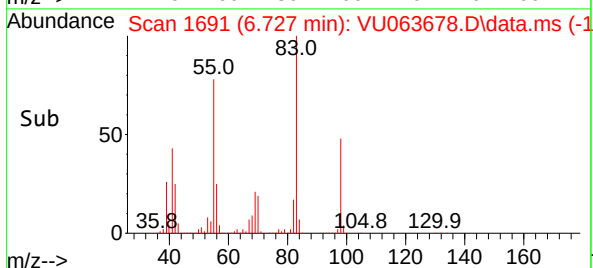
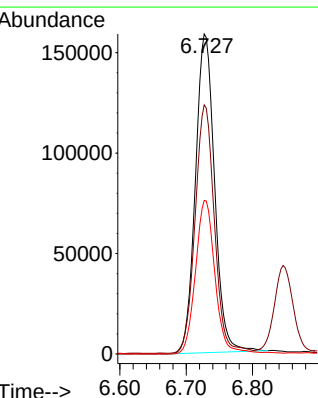
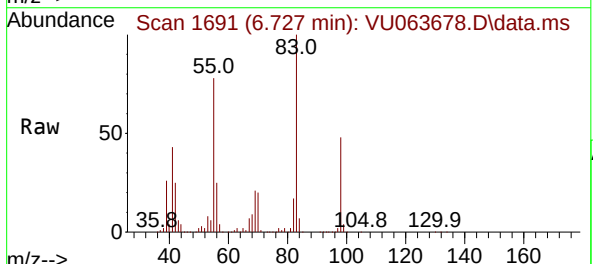
Tgt Ion: 83 Resp: 318121

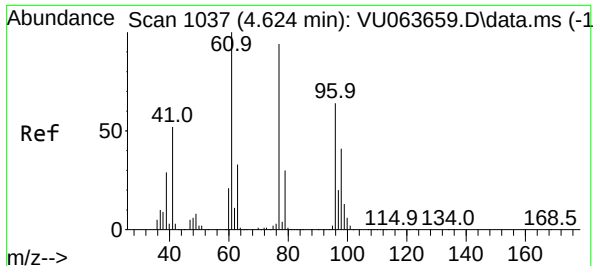
Ion Ratio Lower Upper

83 100

55 77.2 61.5 92.3

98 48.2 37.9 56.9





#21

2,2-Dichloropropane

Concen: 10.697 ug/l

RT: 4.627 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 31837

Ion Ratio Lower Upper

77 100

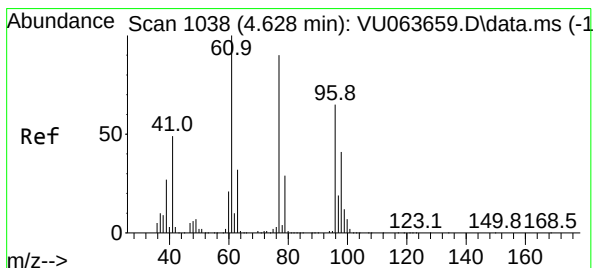
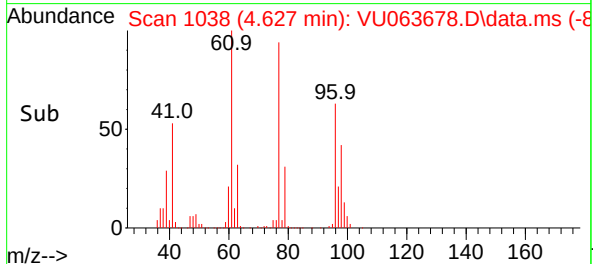
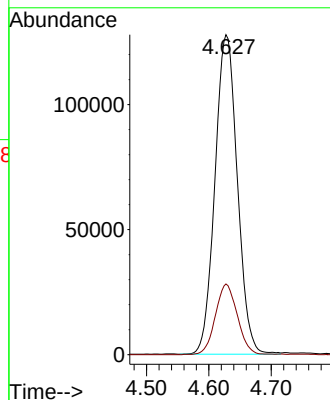
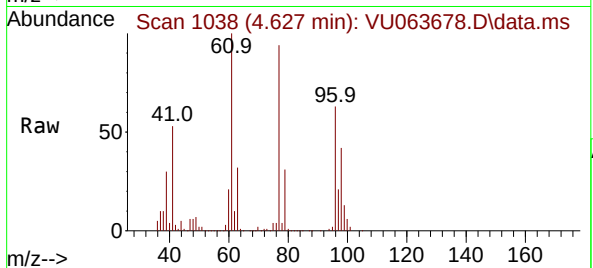
97 21.7 17.1 25.7

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#22

cis-1,2-Dichloroethene

Concen: 10.936 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

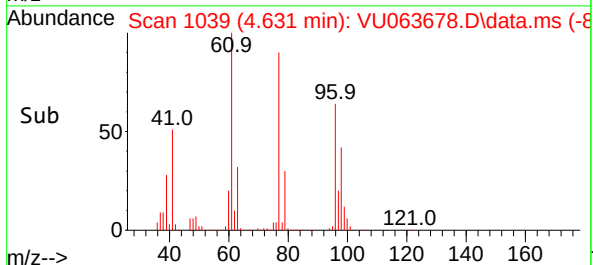
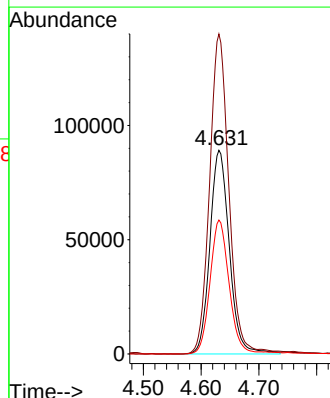
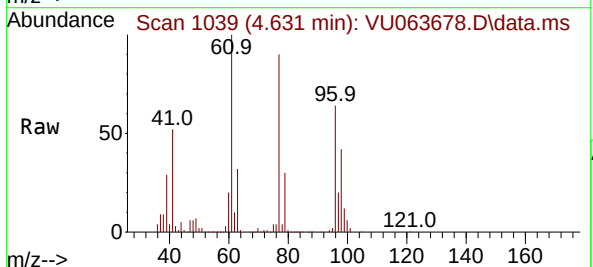
Tgt Ion: 96 Resp: 208520

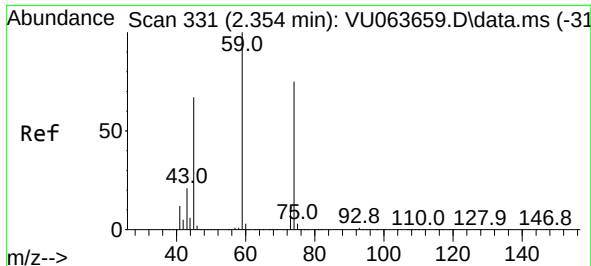
Ion Ratio Lower Upper

96 100

61 153.5 0.0 385.0

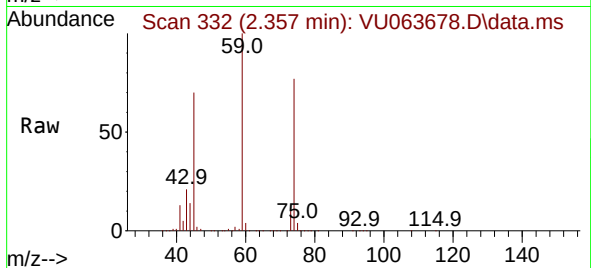
98 64.0 31.3 93.9





#23
Diethyl Ether
Concen: 10.297 ug/l
RT: 2.357 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

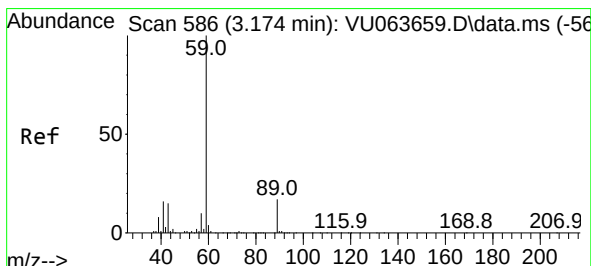
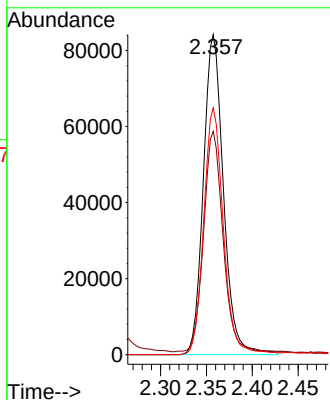
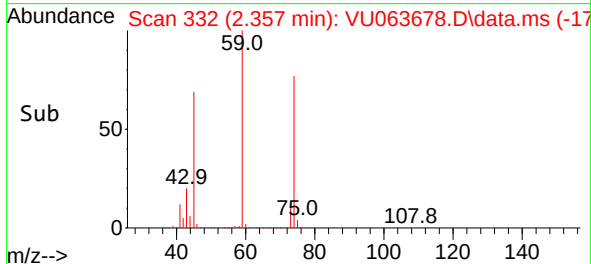
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



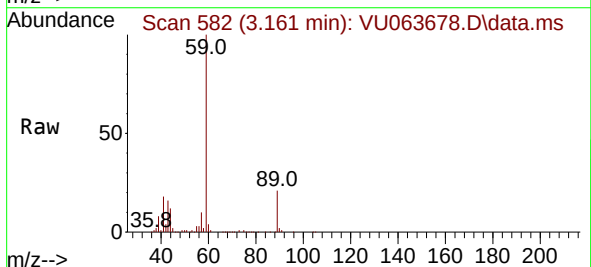
Tgt Ion: 59 Resp: 128130
Ion Ratio Lower Upper
59 100
45 68.3 52.6 78.8
74 75.7 59.4 89.2

Manual Integrations
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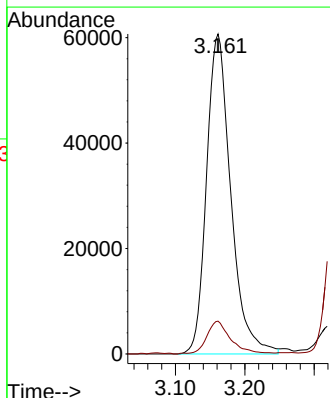
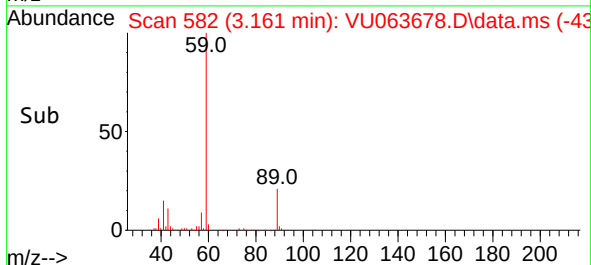
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

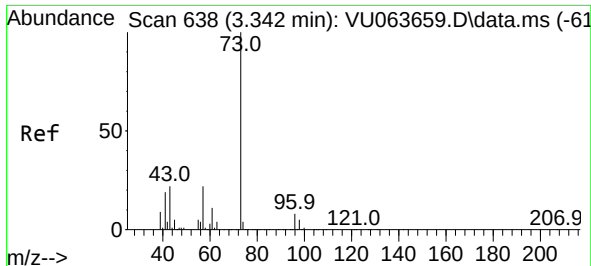


#24
tert-Butyl Alcohol
Concen: 68.727 ug/l
RT: 3.161 min Scan# 582
Delta R.T. -0.013 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



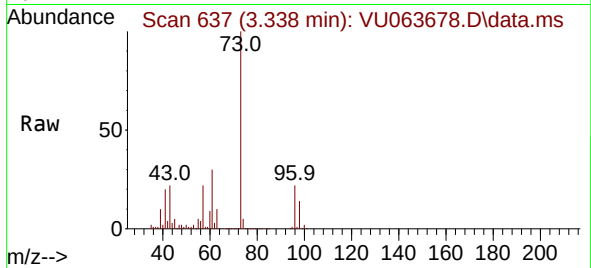
Tgt Ion: 59 Resp: 147413
Ion Ratio Lower Upper
59 100
57 10.2 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 9.968 ug/l
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

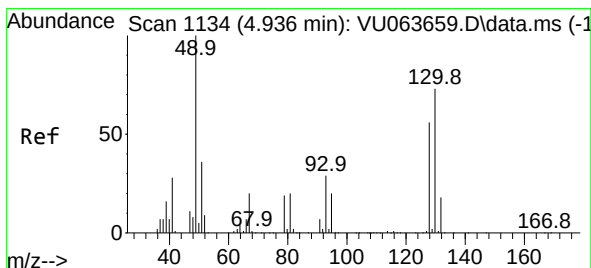
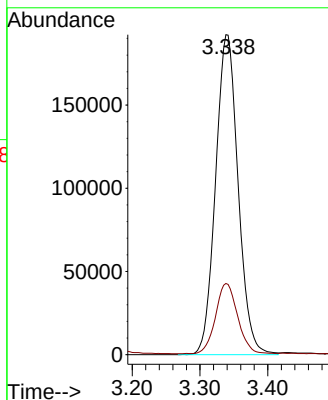
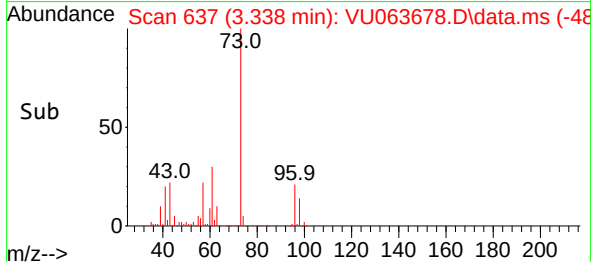
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 443600
Ion Ratio Lower Upper
73 100
43 21.4 17.4 26.0

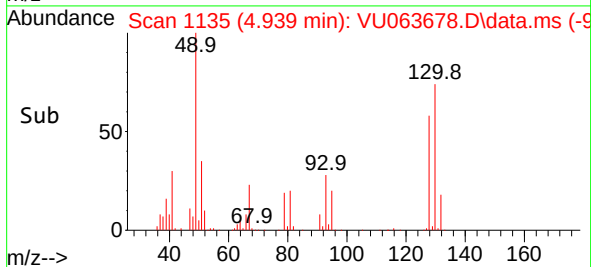
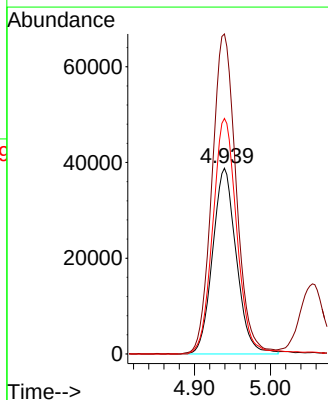
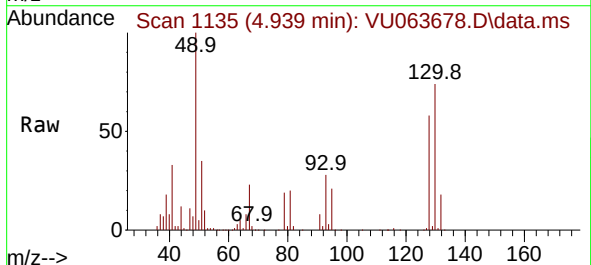
Manual Integrations
APPROVED

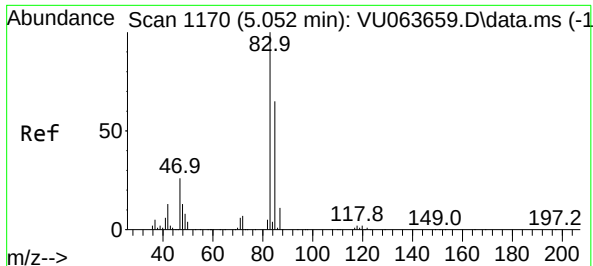
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 10.455 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Tgt Ion:128 Resp: 84092
Ion Ratio Lower Upper
128 100
49 175.9 0.0 349.6
130 129.3 102.7 154.1





#27

Chloroform

Concen: 10.912 ug/l

RT: 5.055 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 370370

Ion Ratio Lower Upper

83 100

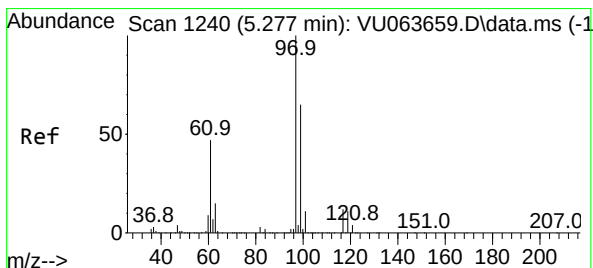
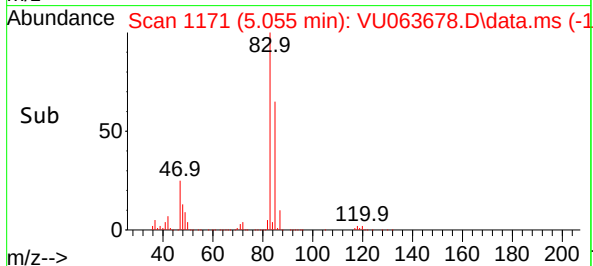
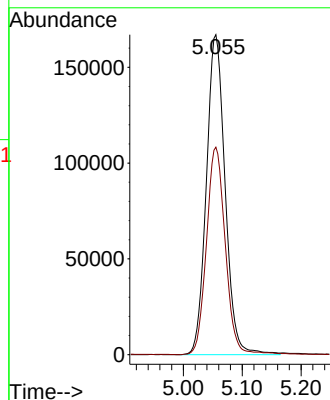
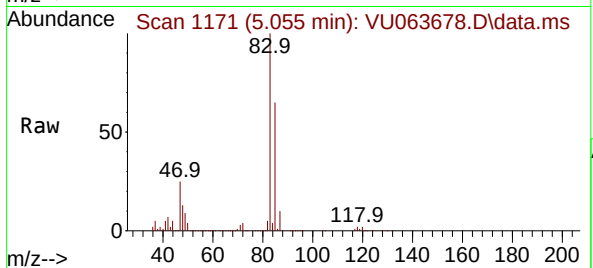
85 64.9 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#28

1,1,1-Trichloroethane

Concen: 10.811 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

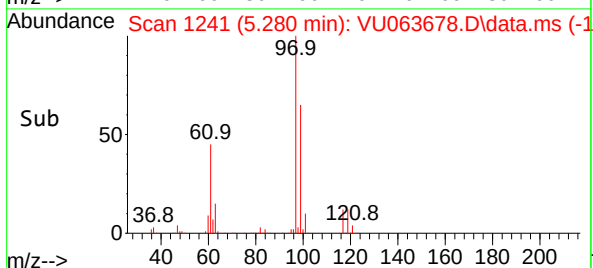
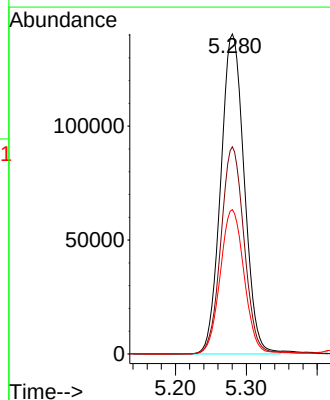
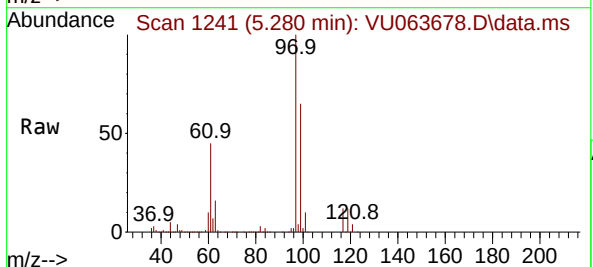
Tgt Ion: 97 Resp: 323601

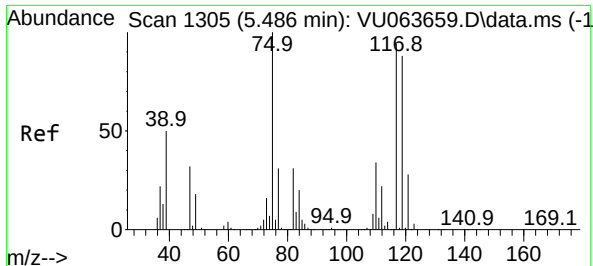
Ion Ratio Lower Upper

97 100

99 64.2 32.3 96.8

61 46.0 23.3 69.8





#29

1,1-Dichloropropene

Concen: 11.078 ug/l

RT: 5.489 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 27836

Ion Ratio Lower Upper

75 100

110 33.5 17.2 51.5

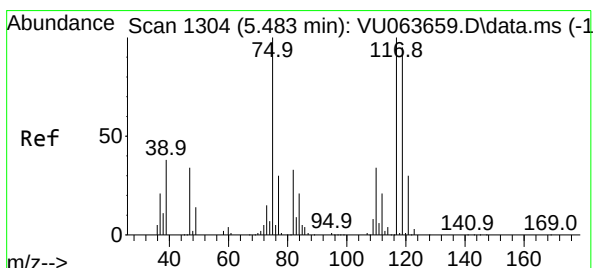
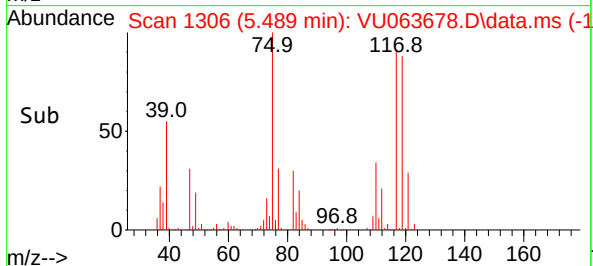
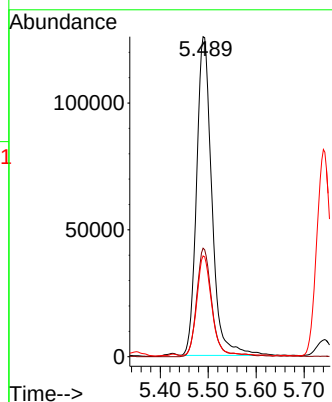
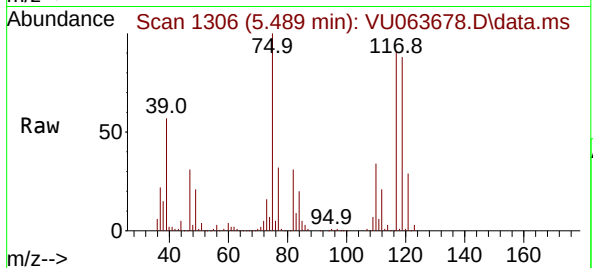
77 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Carbon Tetrachloride

Concen: 10.954 ug/l

RT: 5.486 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

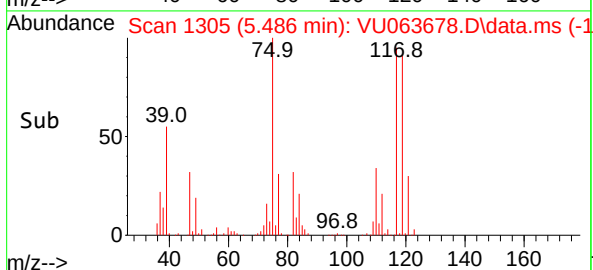
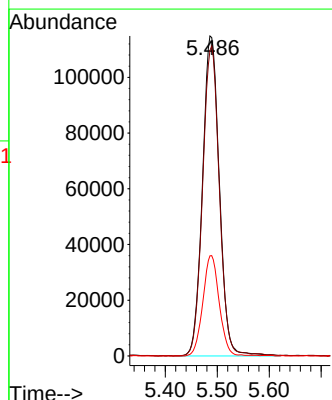
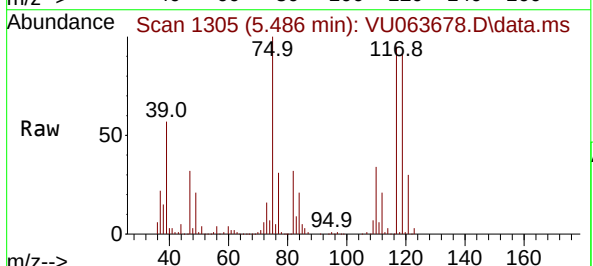
Tgt Ion:117 Resp: 259537

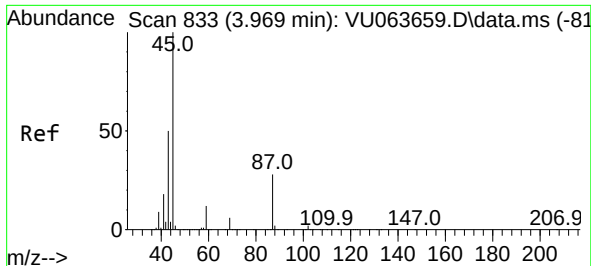
Ion Ratio Lower Upper

117 100

119 95.4 75.7 113.5

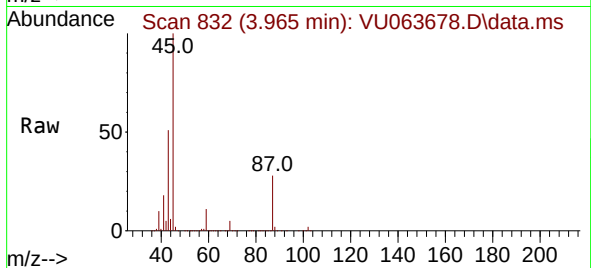
121 31.3 23.8 35.6





#31
Isopropyl Ether
Concen: 10.728 ug/l
RT: 3.965 min Scan# 811
Delta R.T. -0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

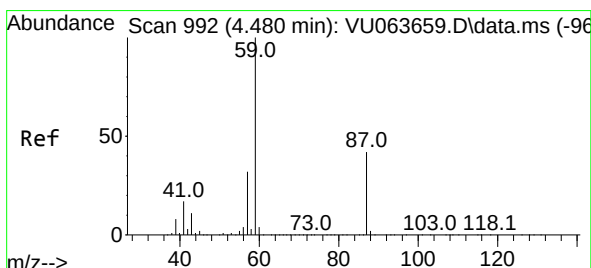
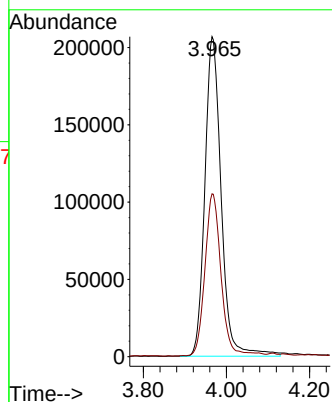
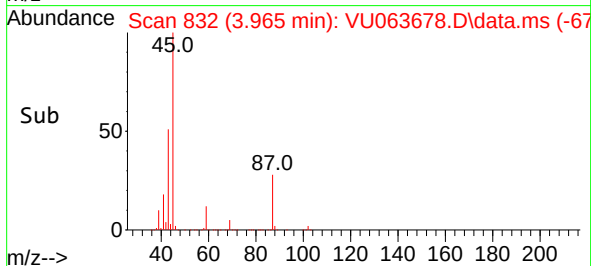
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



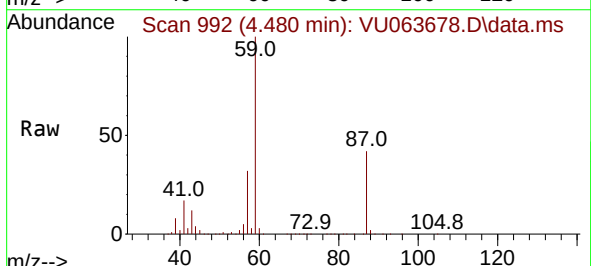
Tgt Ion: 45 Resp: 563804
Ion Ratio Lower Upper
45 100
43 49.5 25.3 75.9

Manual Integrations
APPROVED

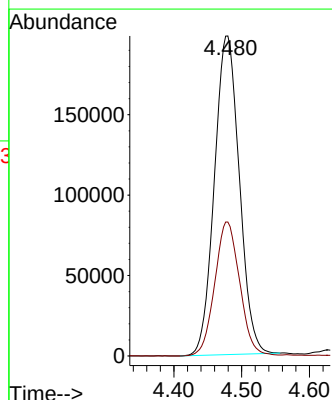
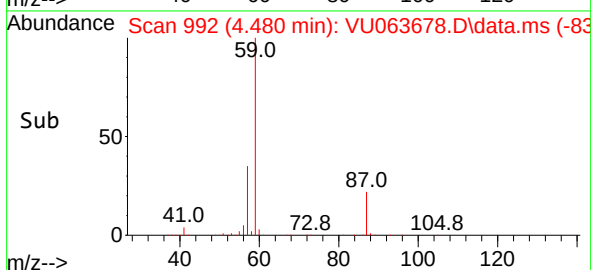
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

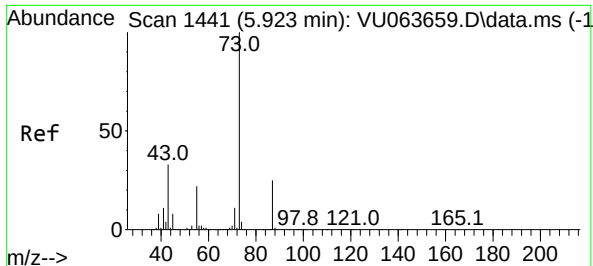


#32
Ethyl-t-butyl ether
Concen: 9.997 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



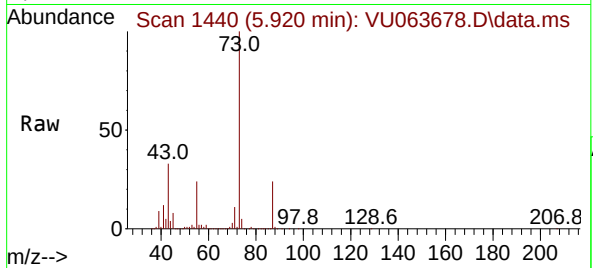
Tgt Ion: 59 Resp: 506156
Ion Ratio Lower Upper
59 100
87 41.7 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 10.065 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

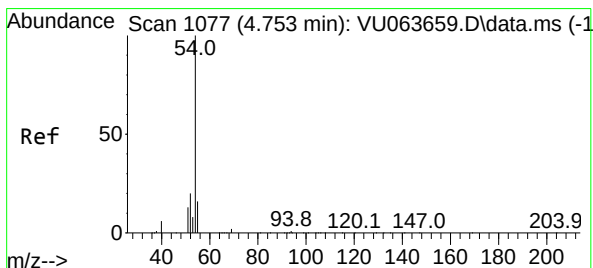
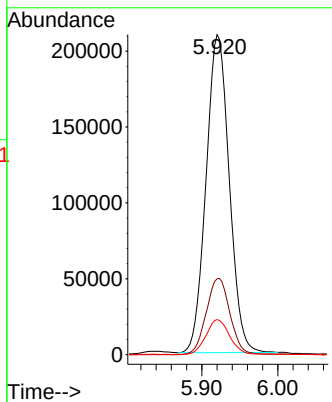
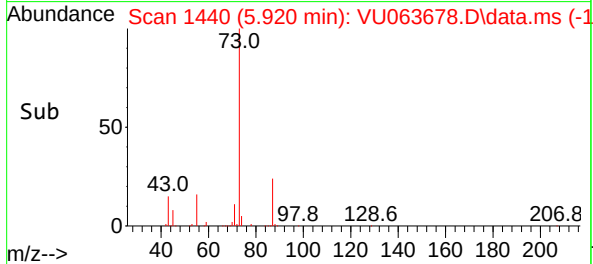
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



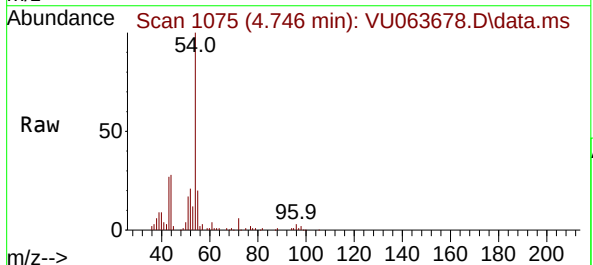
Tgt Ion: 73 Resp: 443720
Ion Ratio Lower Upper
73 100
87 24.2 20.0 30.0
71 11.0 9.0 13.4

Manual Integrations
APPROVED

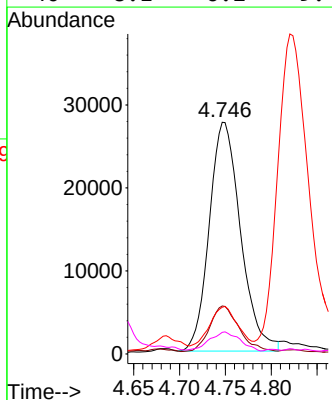
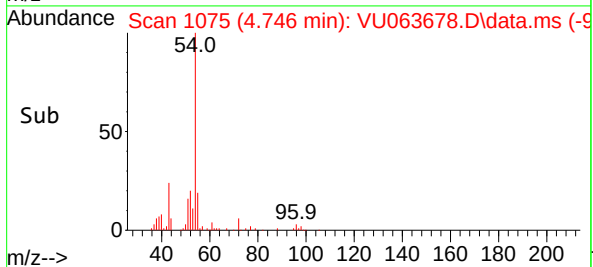
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

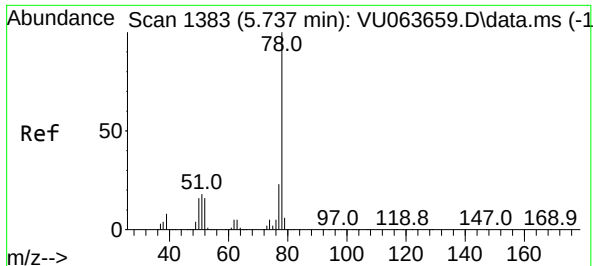


#34
Propionitrile
Concen: 47.644 ug/l
RT: 4.746 min Scan# 1075
Delta R.T. -0.007 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



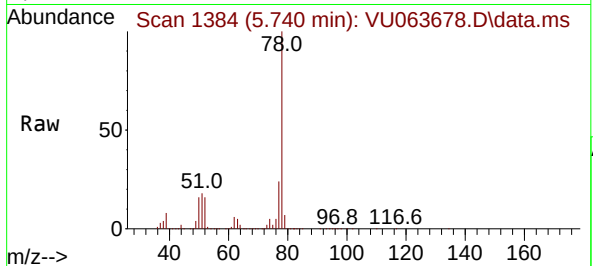
Tgt Ion: 54 Resp: 65529
Ion Ratio Lower Upper
54 100
52 19.8 15.8 23.6
55 15.7 11.3 16.9
40 8.1 6.2 9.4





#35
Benzene
Concen: 10.871 ug/l
RT: 5.740 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

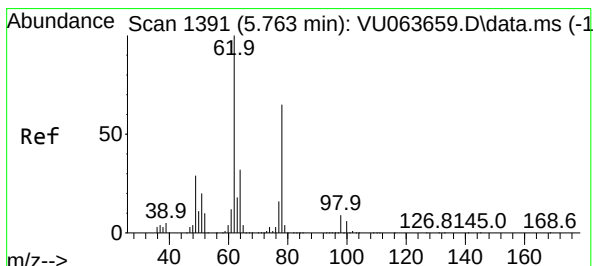
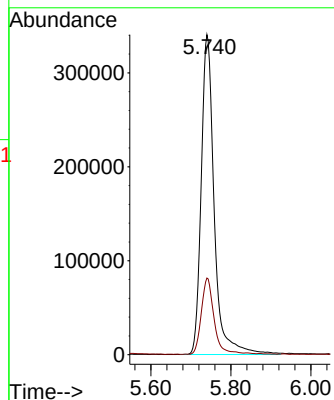
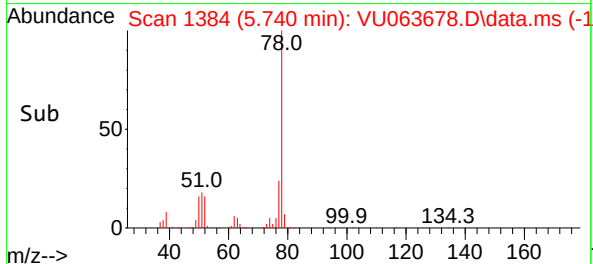
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



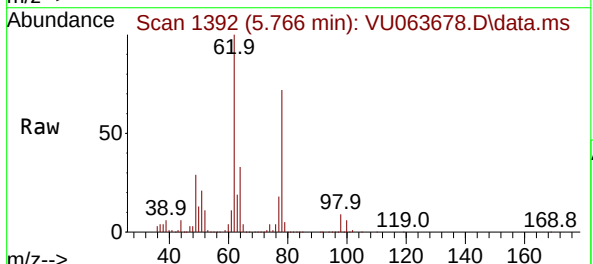
Tgt Ion: 78 Resp: 76997
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

Manual Integrations
APPROVED

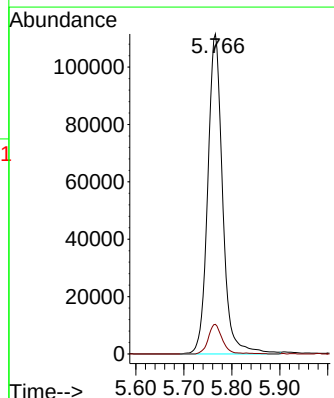
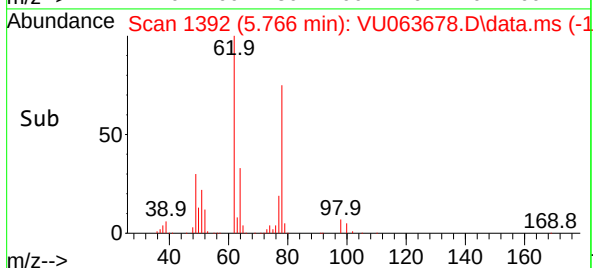
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

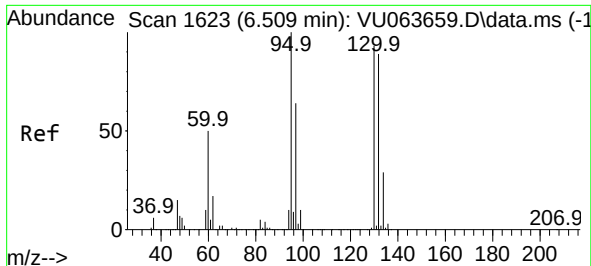


#36
1,2-Dichloroethane
Concen: 10.569 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



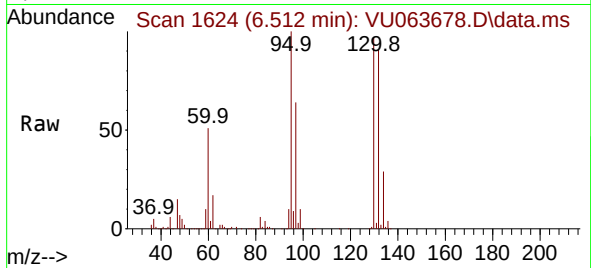
Tgt Ion: 62 Resp: 240371
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37
Trichloroethene
Concen: 10.370 ug/l
RT: 6.512 min Scan# 1624
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

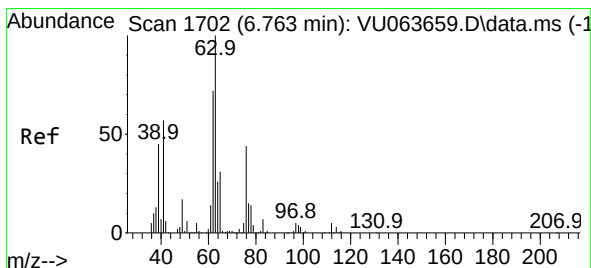
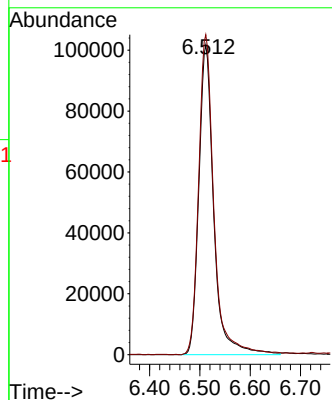
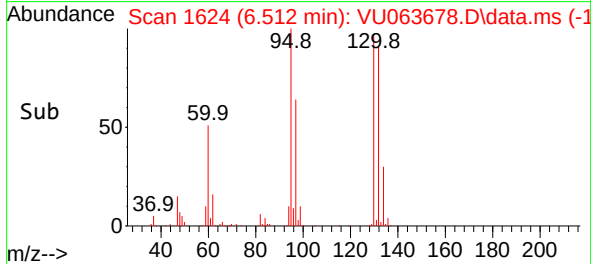
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



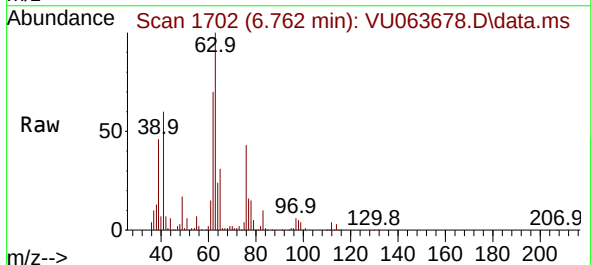
Tgt Ion:130 Resp: 209344
Ion Ratio Lower Upper
130 100
95 103.3 86.0 129.0

Manual Integrations
APPROVED

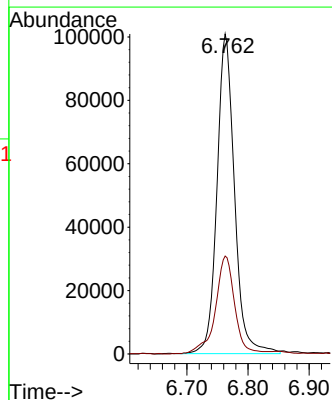
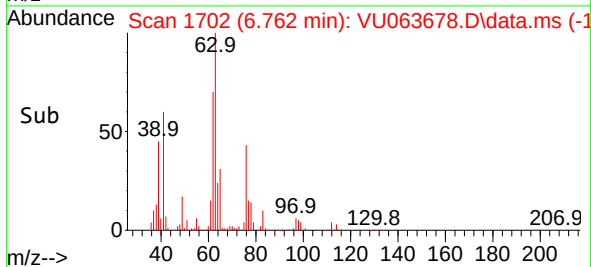
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

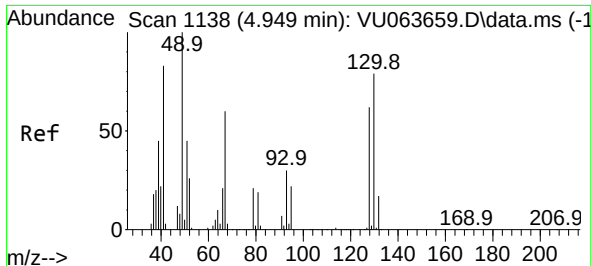


#38
1,2-Dichloropropane
Concen: 10.123 ug/l
RT: 6.762 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion: 63 Resp: 200655
Ion Ratio Lower Upper
63 100
65 30.5 24.5 36.7





#39

Methacrylonitrile

Concen: 8.663 ug/l

RT: 4.949 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

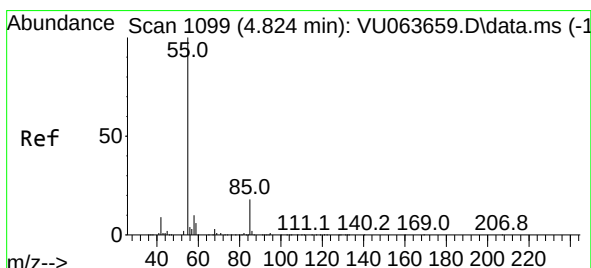
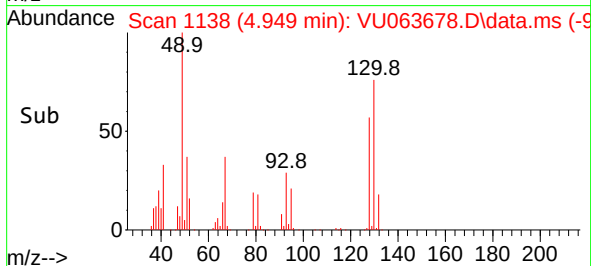
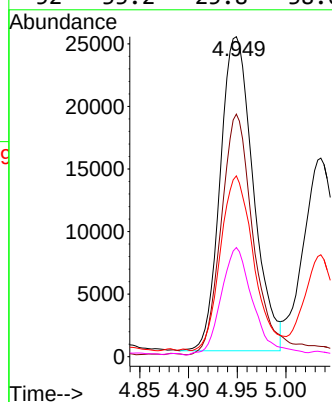
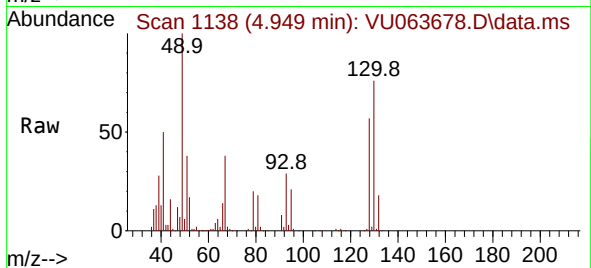
Tgt Ion:	41	Resp:	59310
Ion Ratio	Lower	Upper	
41	100		
67	77.5	61.4	92.2
39	55.9	46.5	69.7
52	33.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 8.782 ug/l

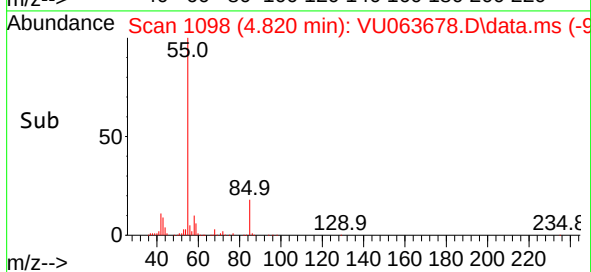
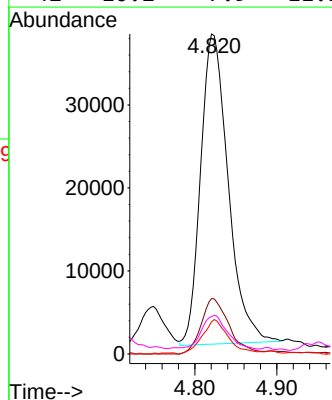
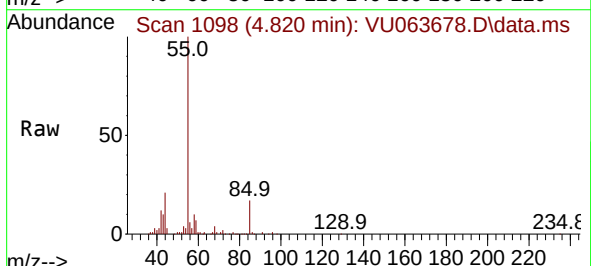
RT: 4.820 min Scan# 1098

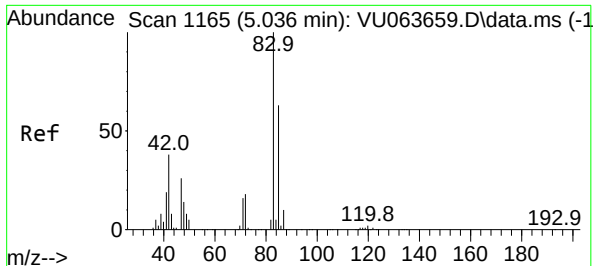
Delta R.T. -0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

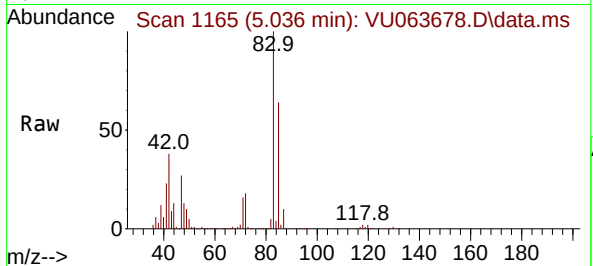
Tgt Ion:	55	Resp:	87314
Ion Ratio	Lower	Upper	
55	100		
85	18.0	15.3	22.9
58	10.6	7.7	11.5
42	10.2	7.9	11.9





#41
Tetrahydrofuran
Concen: 19.453 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

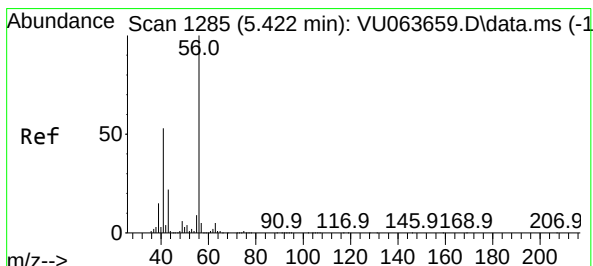
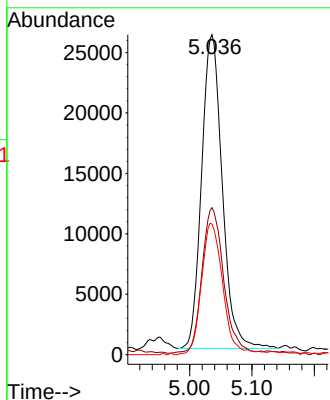
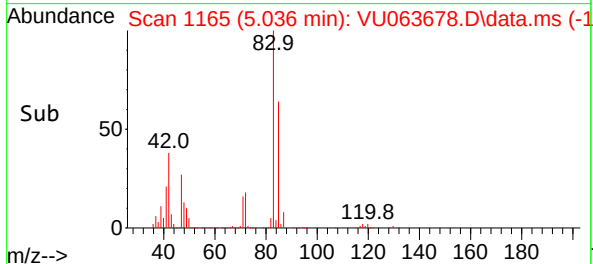
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



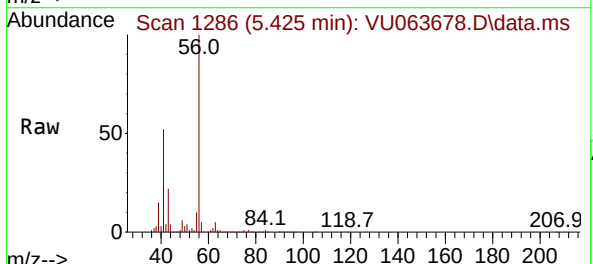
Tgt Ion: 42 Resp: 59924
Ion Ratio Lower Upper
42 100
72 48.6 40.5 60.7
71 43.0 35.0 52.6

Manual Integrations
APPROVED

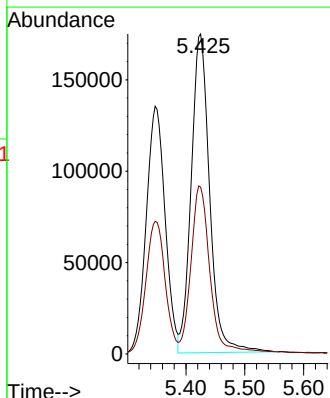
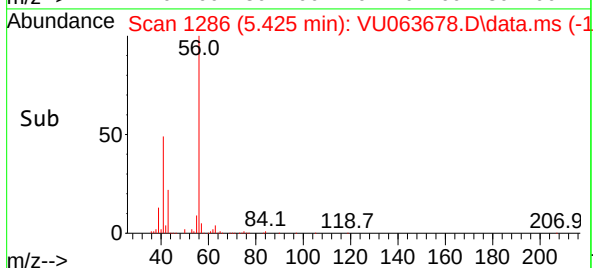
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

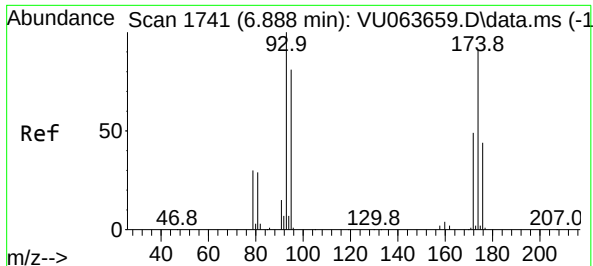


#42
1-Chlorobutane
Concen: 11.258 ug/l
RT: 5.425 min Scan# 1286
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



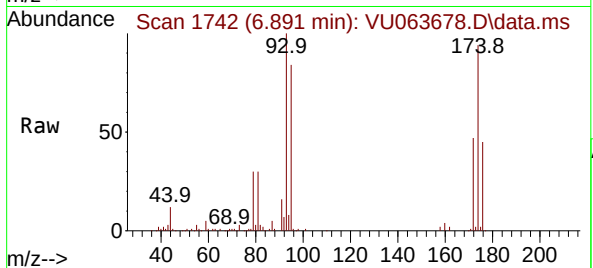
Tgt Ion: 56 Resp: 379109
Ion Ratio Lower Upper
56 100
41 53.4 25.9 77.6





#43
Dibromomethane
Concen: 9.720 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

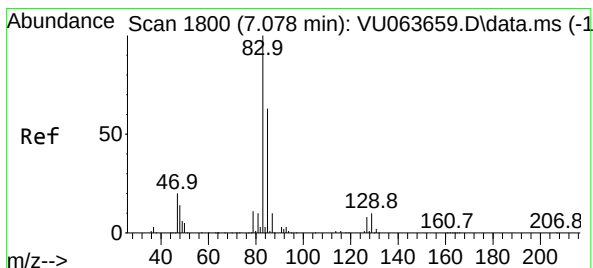
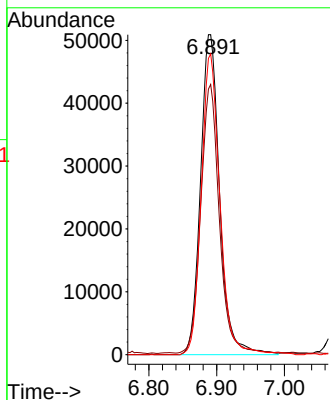
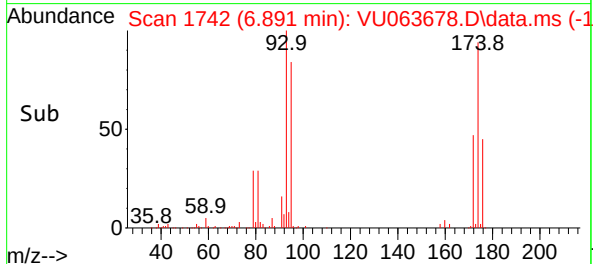
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



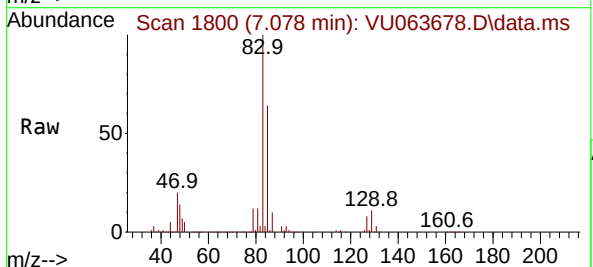
Tgt Ion: 93 Resp: 9964
Ion Ratio Lower Upper
93 100
95 81.2 64.6 97.0
174 92.4 73.8 110.8

Manual Integrations
APPROVED

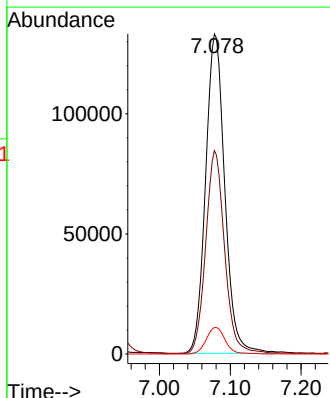
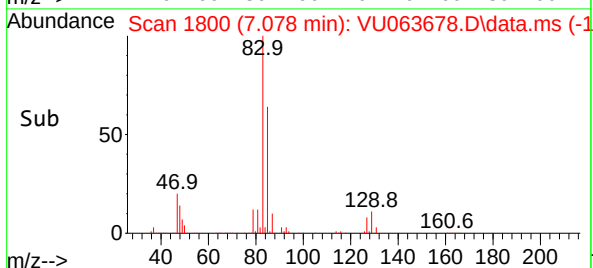
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

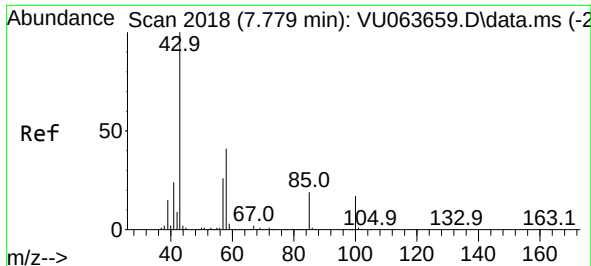


#44
Bromodichloromethane
Concen: 9.985 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



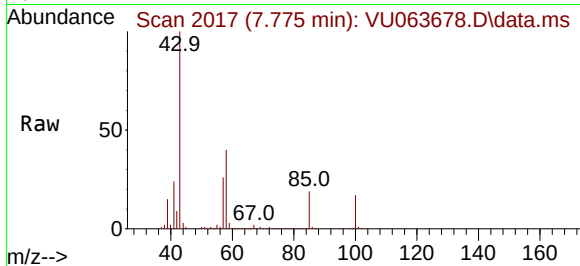
Tgt Ion: 83 Resp: 250354
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.3 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 46.291 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. -0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

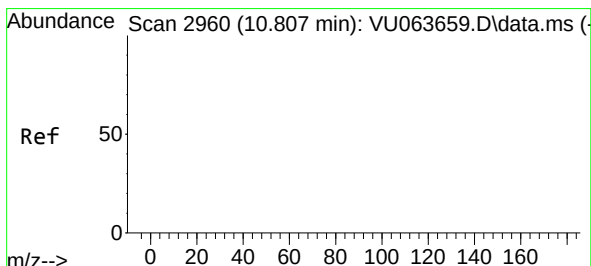
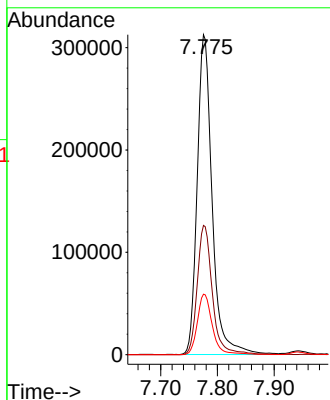
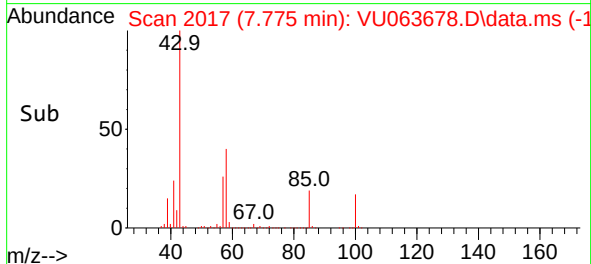
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 57237
Ion Ratio Lower Upper
43 100
58 41.0 20.2 60.5
85 19.0 15.0 22.6

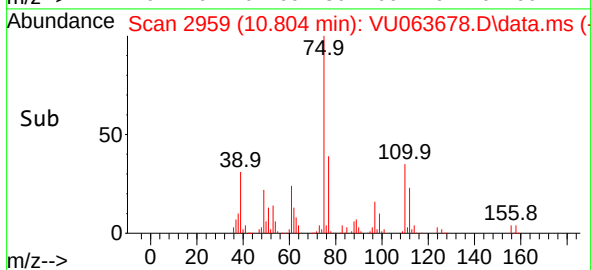
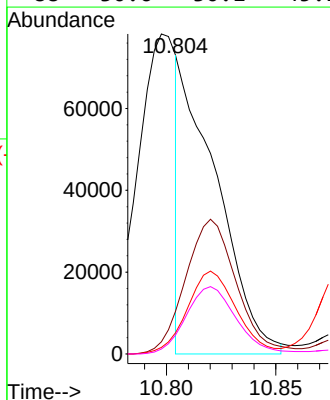
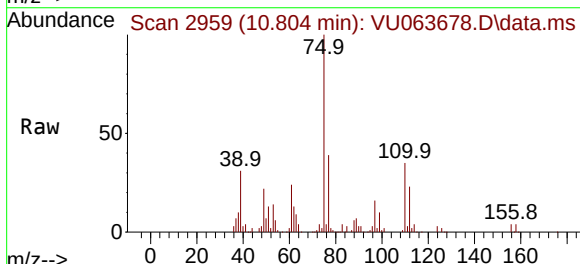
Manual Integrations
APPROVED

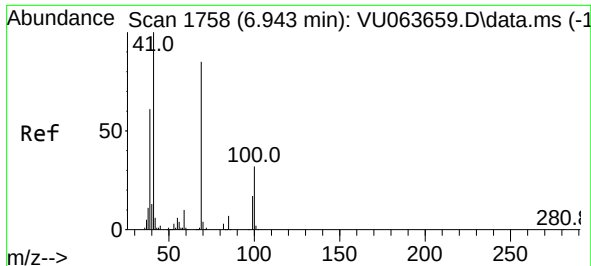
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 20.157 ug/l m
RT: 10.804 min Scan# 2959
Delta R.T. -0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

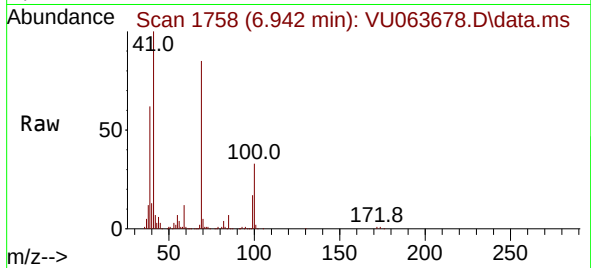
Tgt Ion: 75 Resp: 86453
Ion Ratio Lower Upper
75 100
53 62.1 57.2 85.8
89 36.8 37.9 56.9#
88 30.6 30.1 45.1





#47
Methyl methacrylate
Concen: 18.773 ug/l
RT: 6.942 min Scan# 1758
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

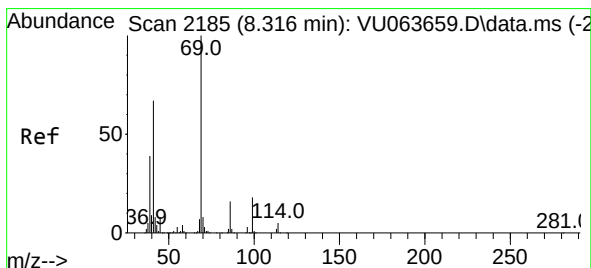
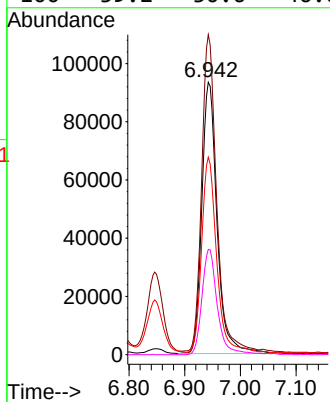
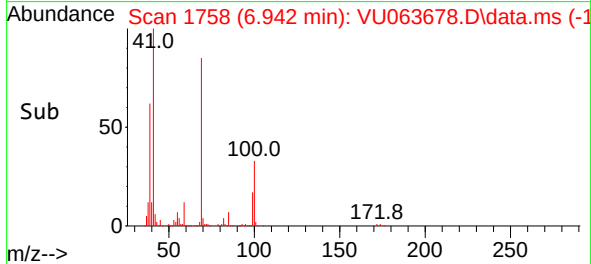
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 177110
Ion Ratio Lower Upper
69 100
41 113.3 0.0 228.2
39 70.7 56.2 84.4
100 39.2 30.6 46.0

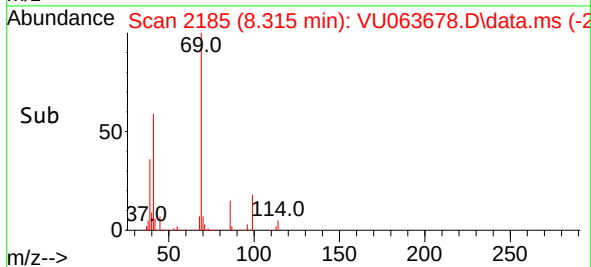
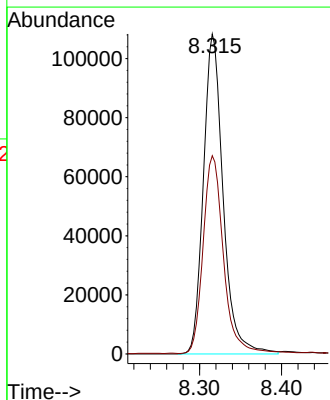
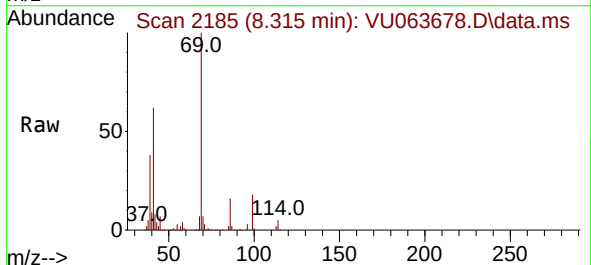
Manual Integrations
APPROVED

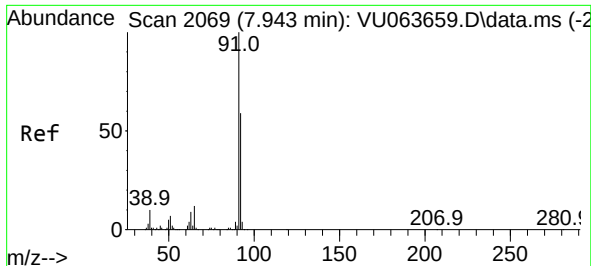
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 9.422 ug/l
RT: 8.315 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

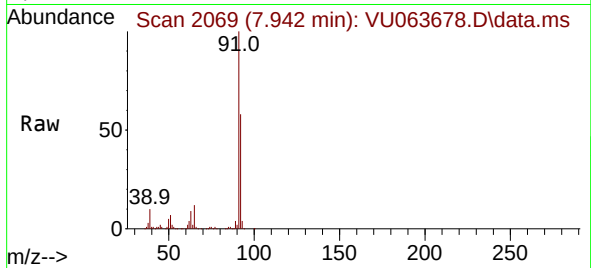
Tgt Ion: 69 Resp: 180780
Ion Ratio Lower Upper
69 100
41 63.7 32.8 98.3





#49
Toluene
Concen: 10.472 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

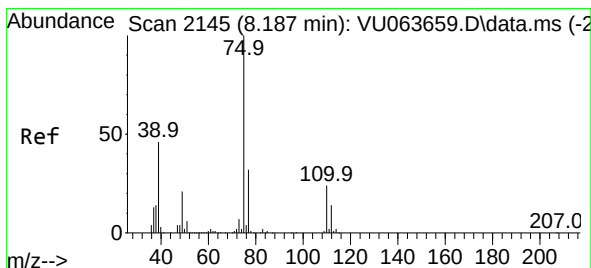
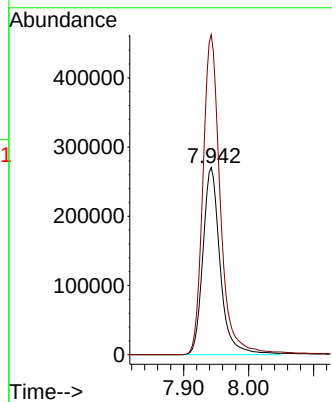
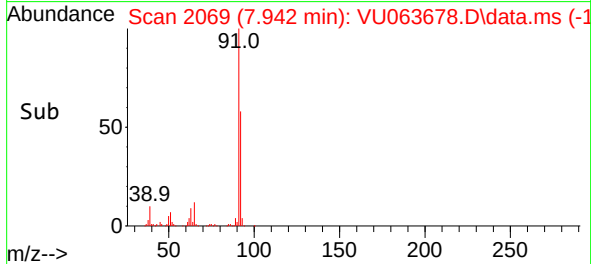
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



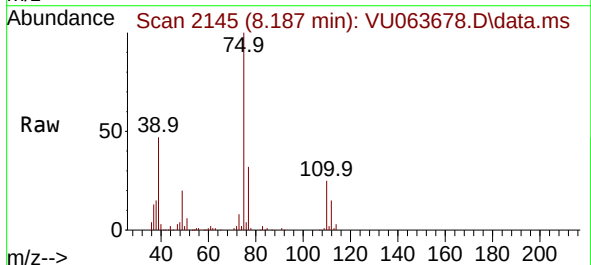
Tgt Ion: 92 Resp: 500230
Ion Ratio Lower Upper
92 100
91 173.8 136.8 205.2

Manual Integrations
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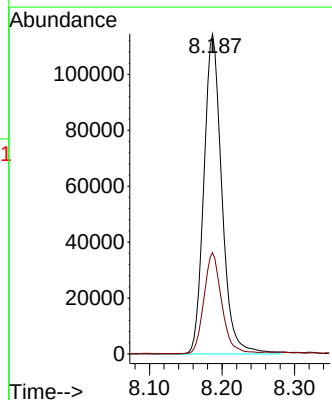
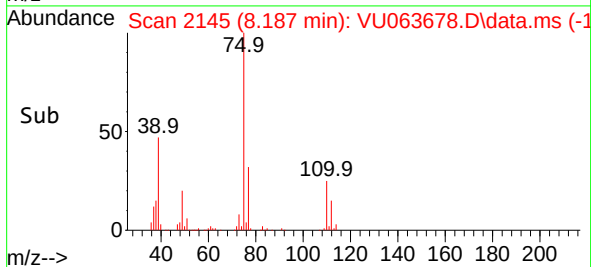
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

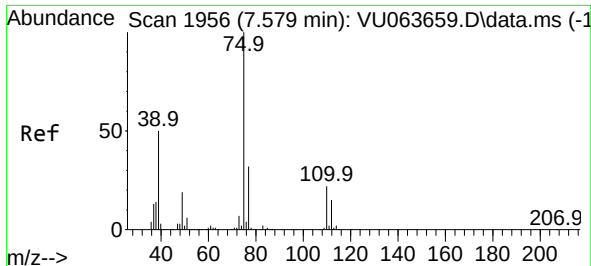


#50
t-1,3-Dichloropropene
Concen: 9.042 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



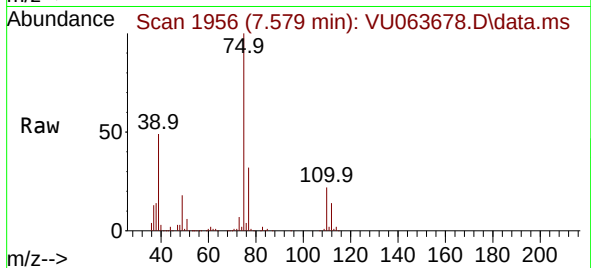
Tgt Ion: 75 Resp: 197055
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 9.849 ug/l
 RT: 7.579 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55

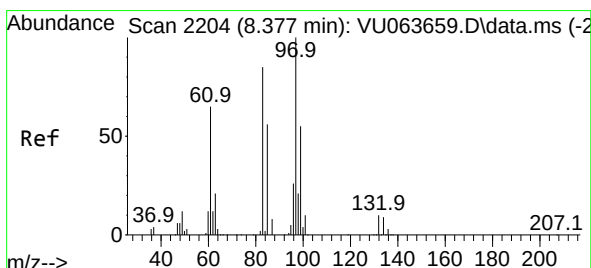
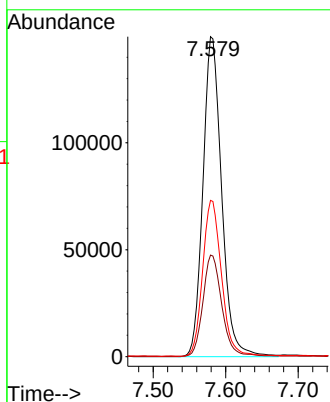
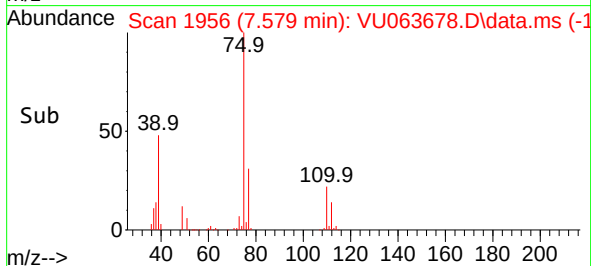
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 268430
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 48.7 39.9 59.9

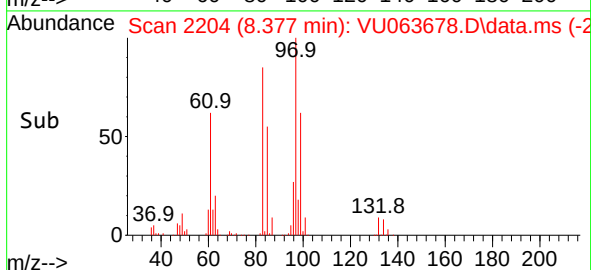
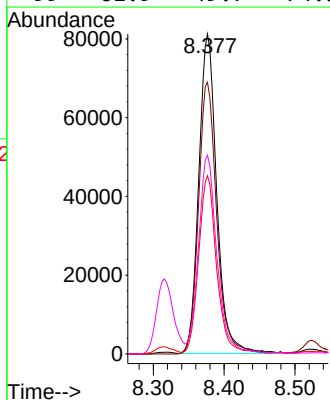
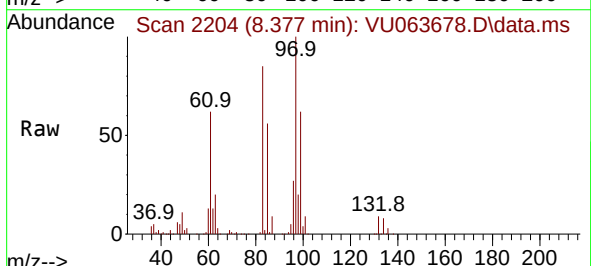
Manual Integrations
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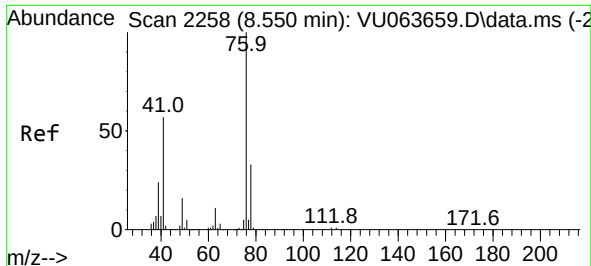
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.243 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55

Tgt Ion: 97 Resp: 142783
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.3 102.5
 85 55.4 45.3 67.9
 99 61.9 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.803 ug/l

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 244099

Ion Ratio Lower Upper

76 100

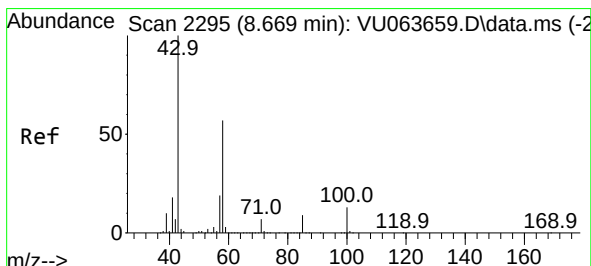
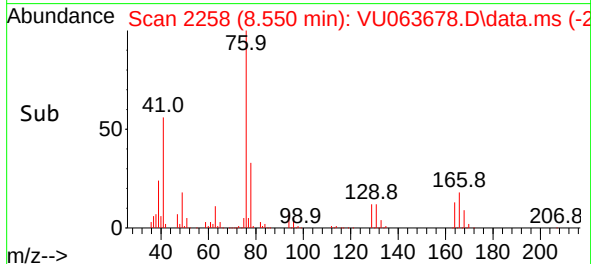
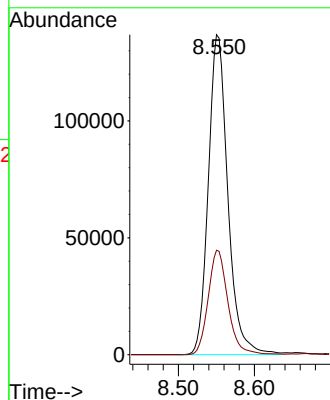
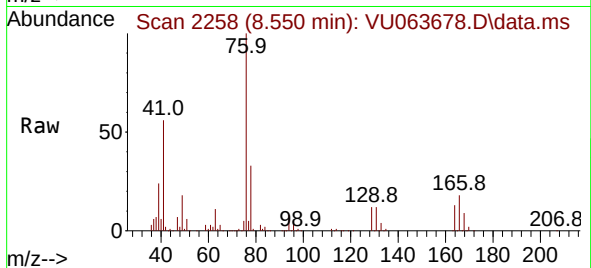
78 33.1 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 55.827 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.000 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

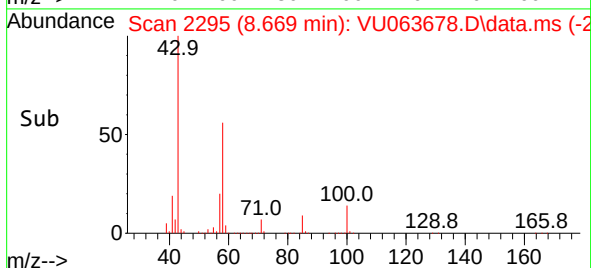
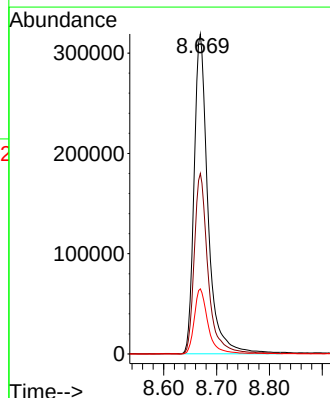
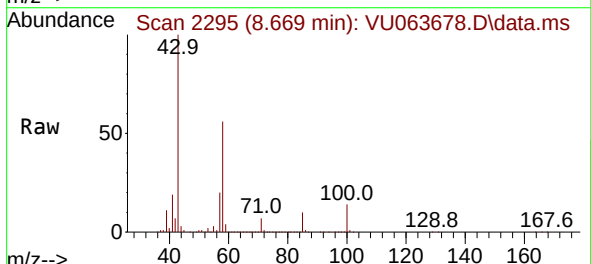
Tgt Ion: 43 Resp: 582784

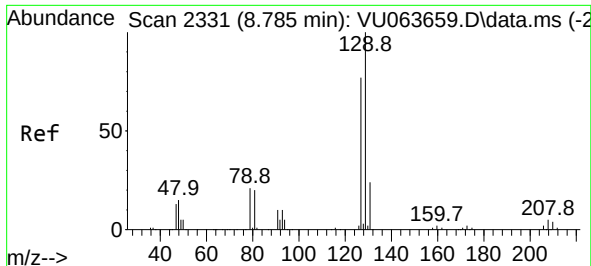
Ion Ratio Lower Upper

43 100

58 56.0 36.3 76.3

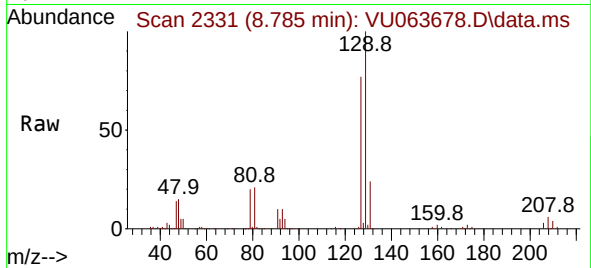
57 20.1 0.0 39.7





#55
Dibromochloromethane
Concen: 9.691 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

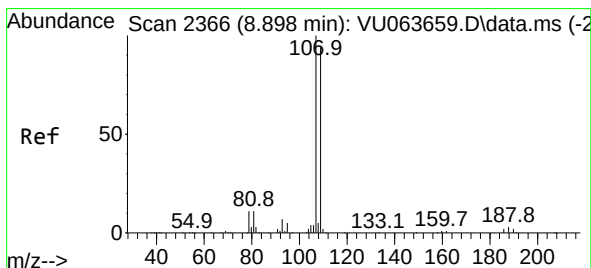
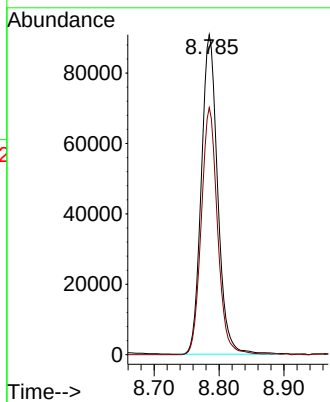
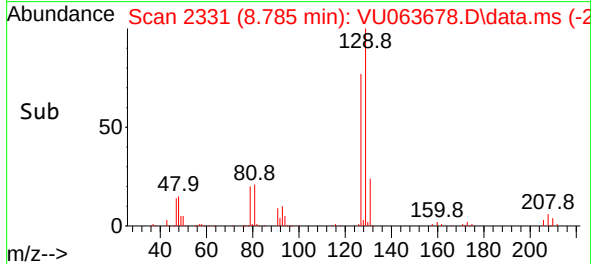
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



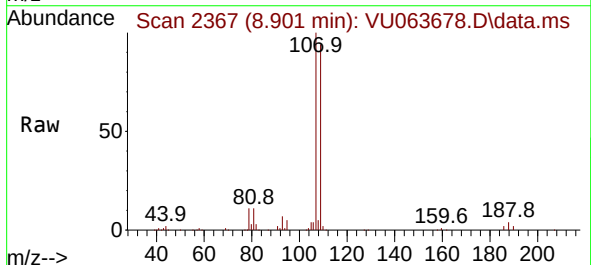
Tgt Ion:129 Resp: 159070
Ion Ratio Lower Upper
129 100
127 76.8 61.4 92.0

Manual Integrations
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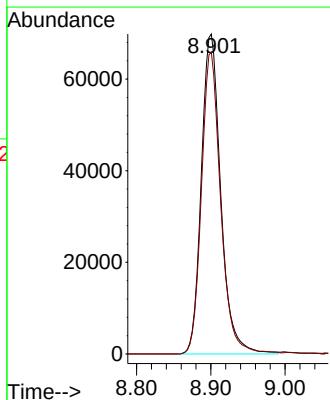
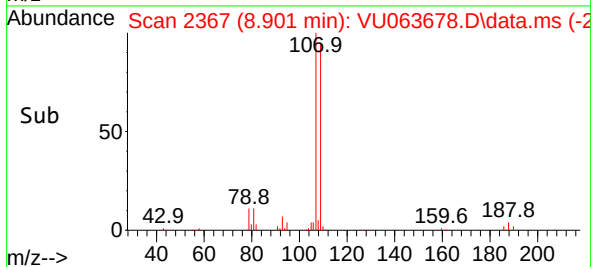
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

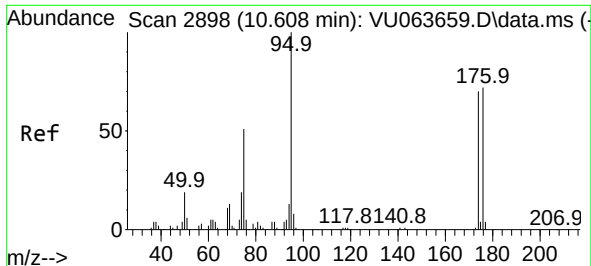


#56
1,2-Dibromoethane
Concen: 9.573 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



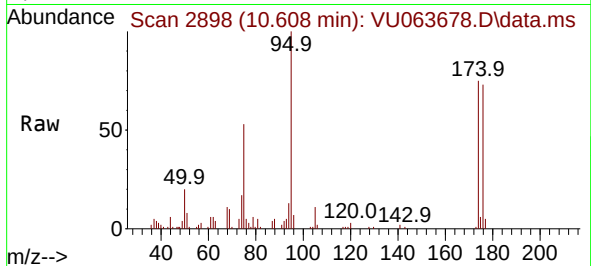
Tgt Ion:107 Resp: 126991
Ion Ratio Lower Upper
107 100
109 93.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.206 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

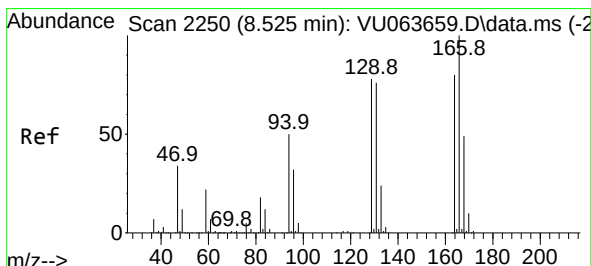
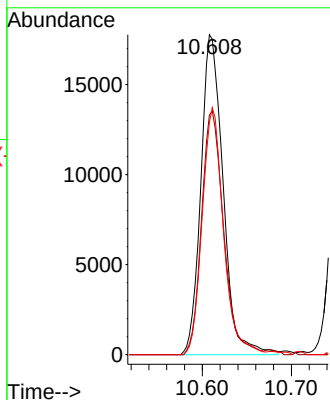
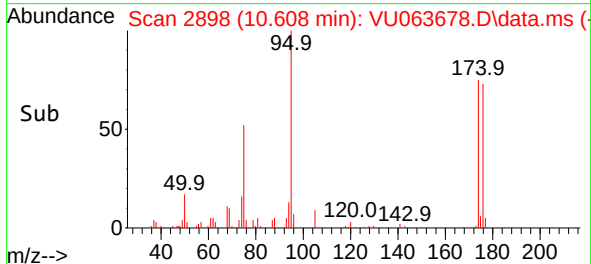
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 3073
Ion Ratio Lower Upper
95 100
174 75.9 59.9 89.9
176 74.2 58.8 88.2

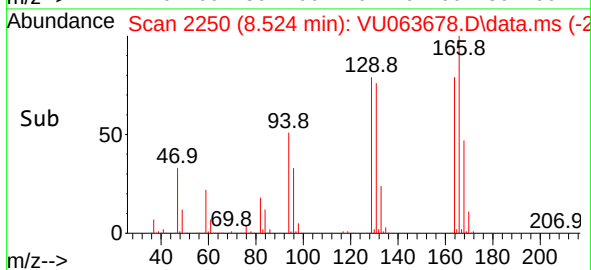
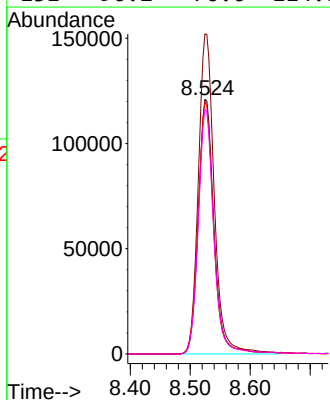
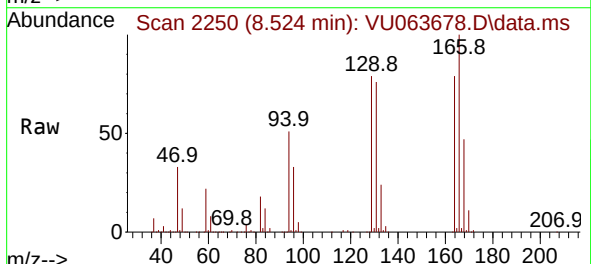
Manual Integrations
APPROVED

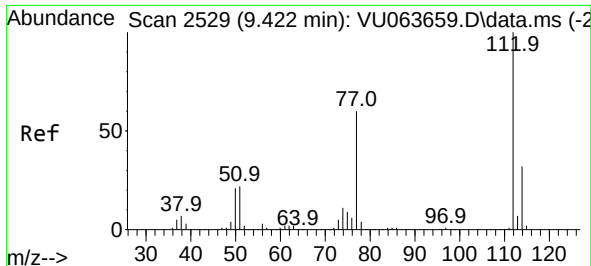
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 11.187 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

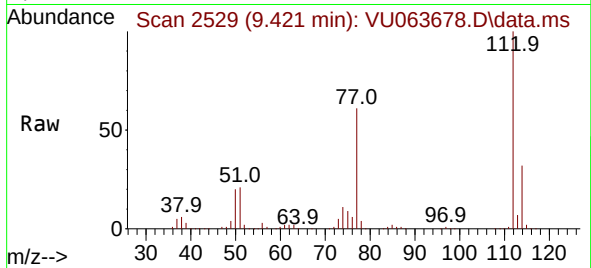
Tgt Ion:164 Resp: 220906
Ion Ratio Lower Upper
164 100
166 125.8 100.1 150.1
129 99.2 77.6 116.4
131 96.2 76.6 114.8





#59
Chlorobenzene
Concen: 10.557 ug/l
RT: 9.421 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

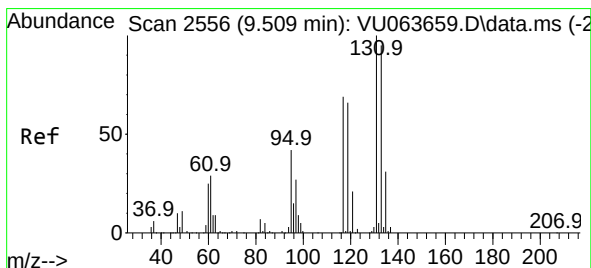
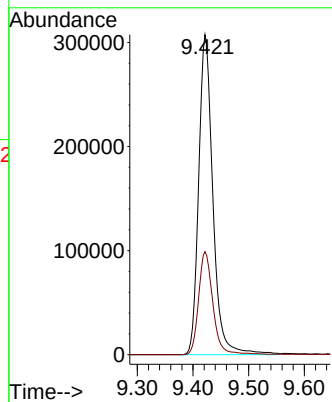
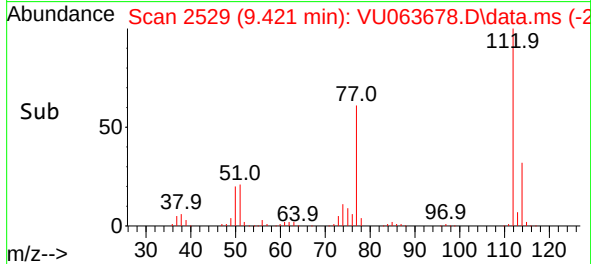
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



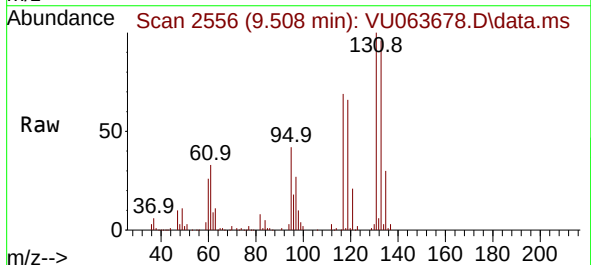
Tgt Ion:112 Resp: 546864
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

Manual Integrations
APPROVED

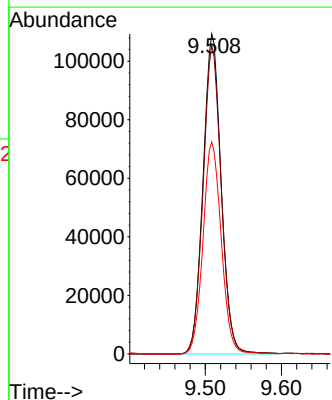
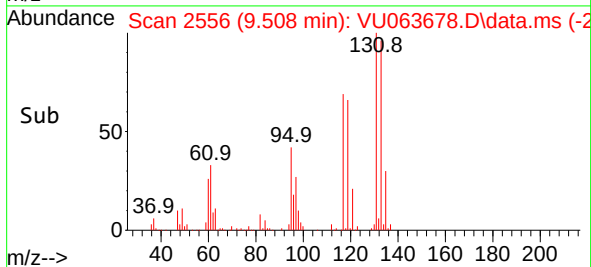
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

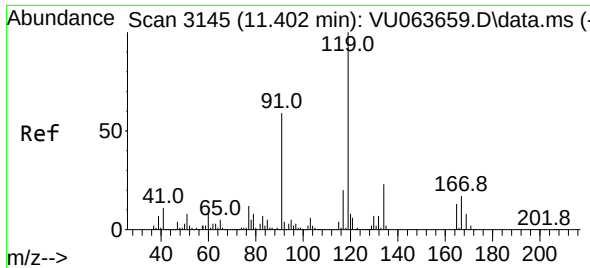


#60
1,1,1,2-Tetrachloroethane
Concen: 9.948 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:131 Resp: 180411
Ion Ratio Lower Upper
131 100
133 97.2 77.0 115.6
119 66.9 52.8 79.2





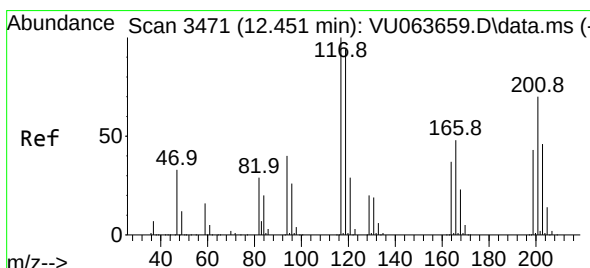
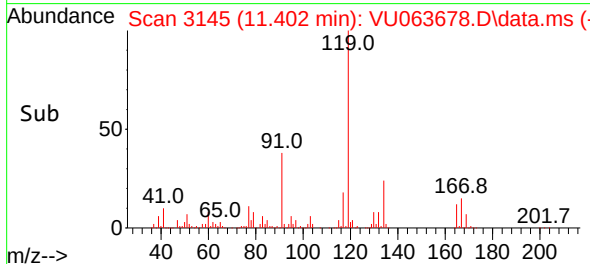
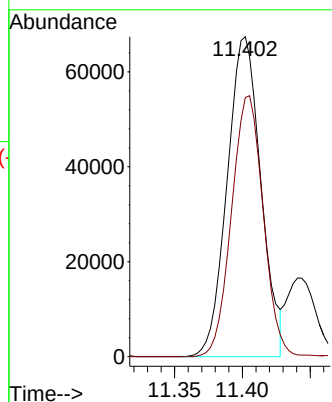
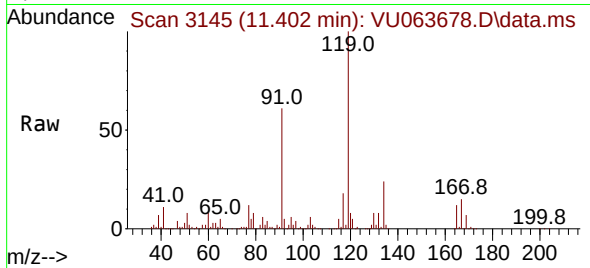
#61
Pentachloroethane
Concen: 9.267 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 116583
Ion Ratio Lower Upper
117 100
167 76.7 62.8 94.2

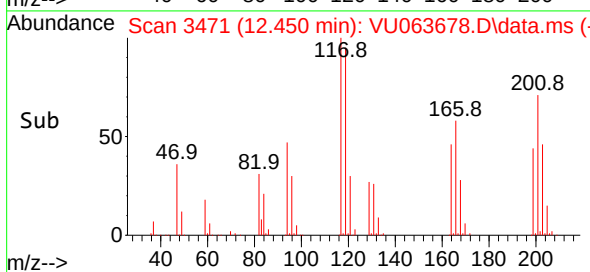
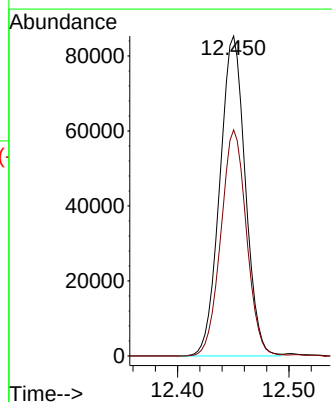
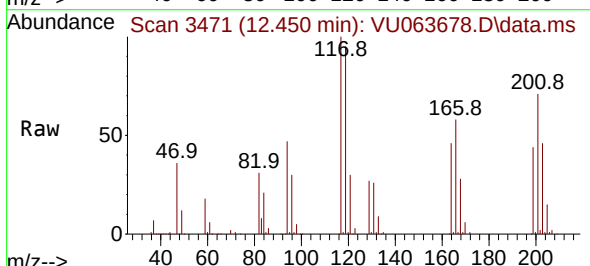
Manual Integrations
APPROVED

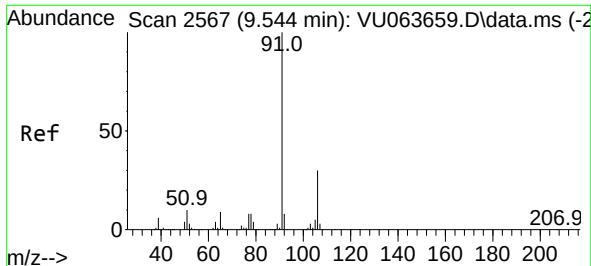
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
Hexachloroethane
Concen: 9.830 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Tgt Ion:117 Resp: 135563
Ion Ratio Lower Upper
117 100
201 71.0 56.3 84.5





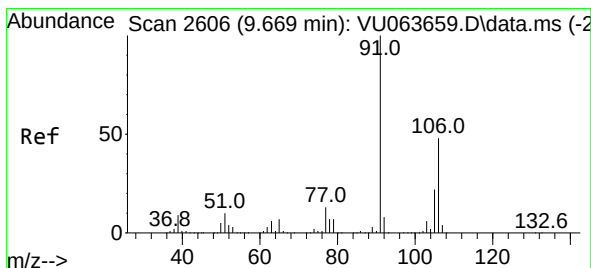
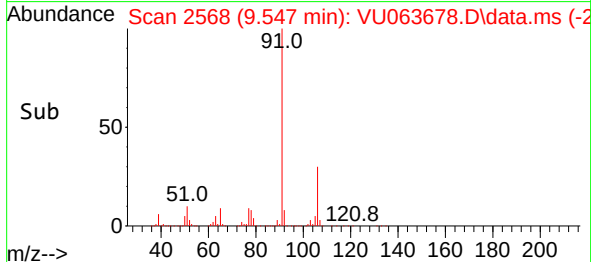
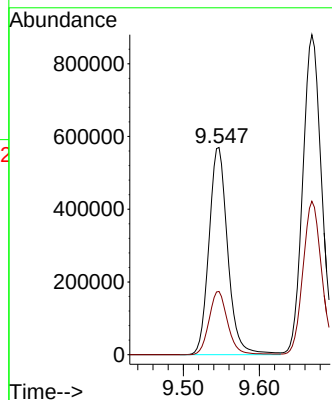
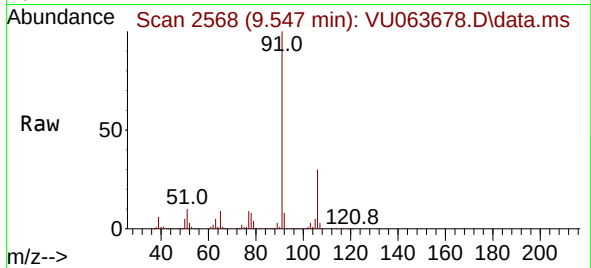
#63
Ethyl Benzene
Concen: 10.395 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 975335
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

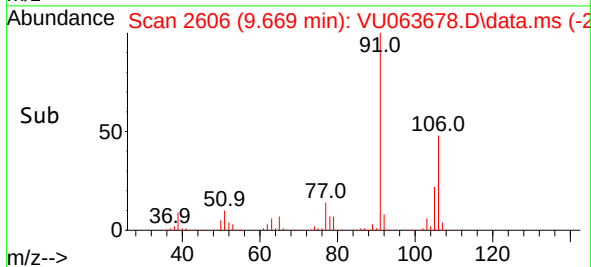
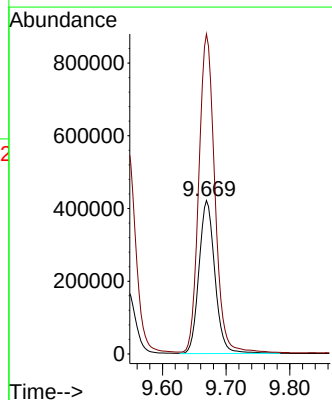
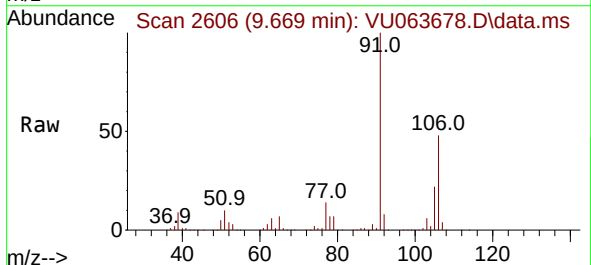
Manual Integrations
APPROVED

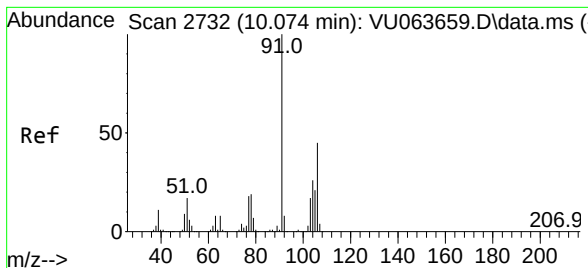
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 20.943 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

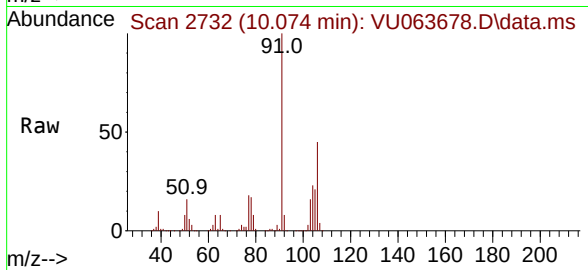
Tgt Ion:106 Resp: 733576
Ion Ratio Lower Upper
106 100
91 210.3 167.0 250.4





#65
o-Xylene
Concen: 10.450 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

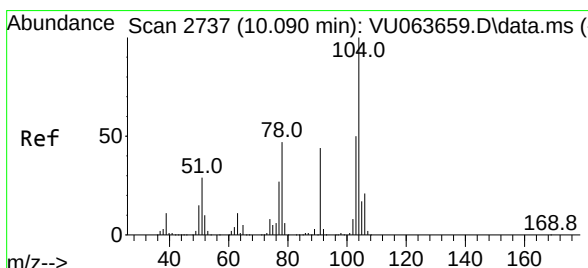
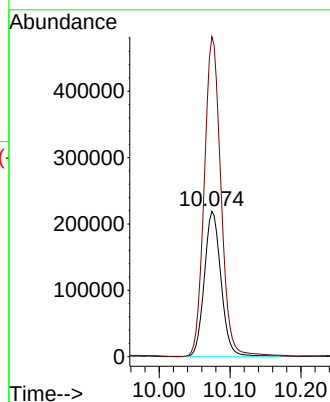
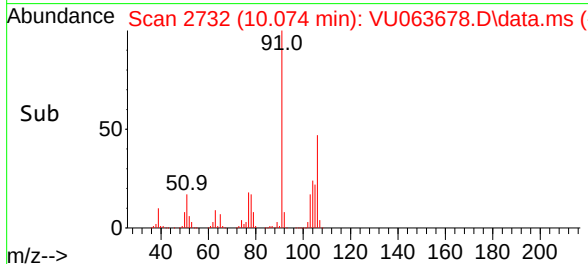
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:106 Resp: 358663
Ion Ratio Lower Upper
106 100
91 220.4 109.3 327.9

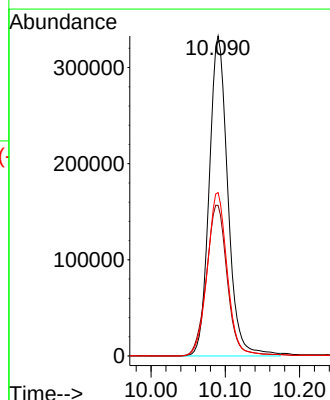
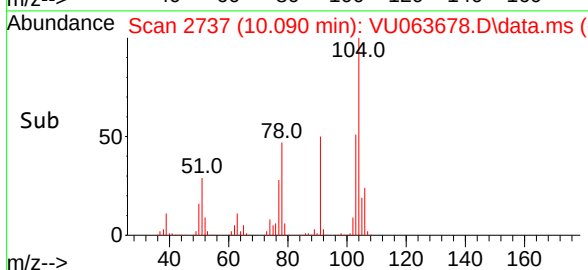
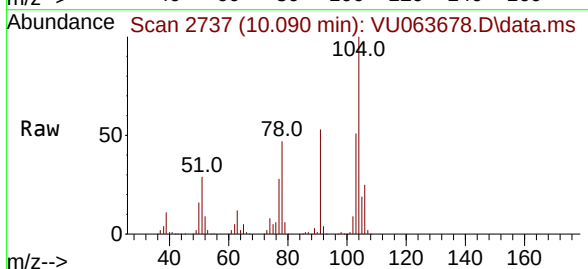
Manual Integrations
APPROVED

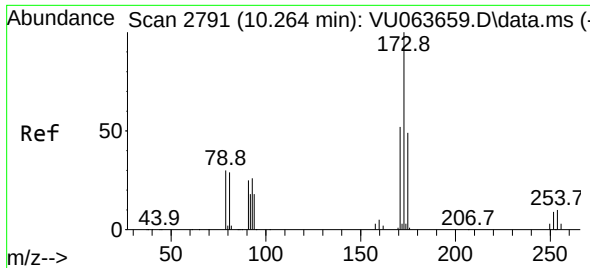
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 10.424 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

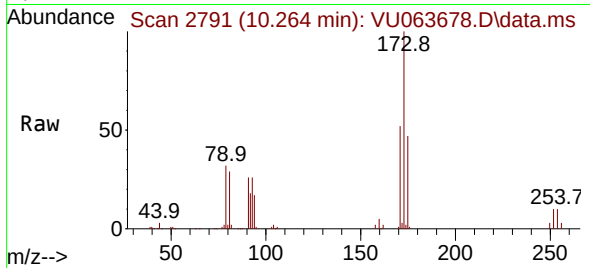
Tgt Ion:104 Resp: 580435
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 55.1 43.9 65.9





#67
Bromoform
Concen: 8.900 ug/l
RT: 10.264 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

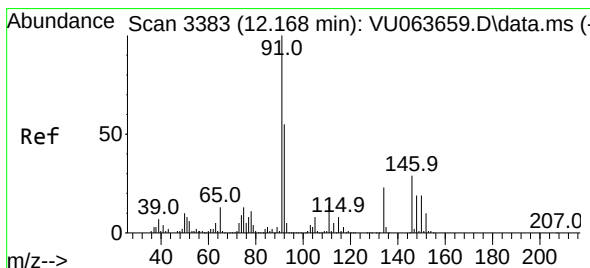
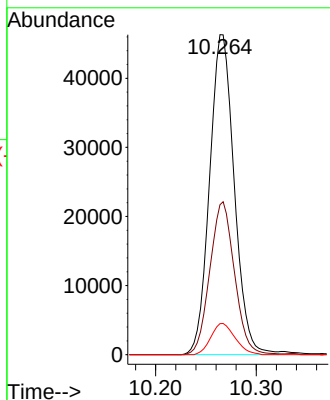
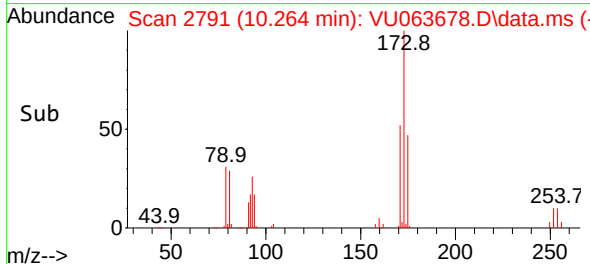
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



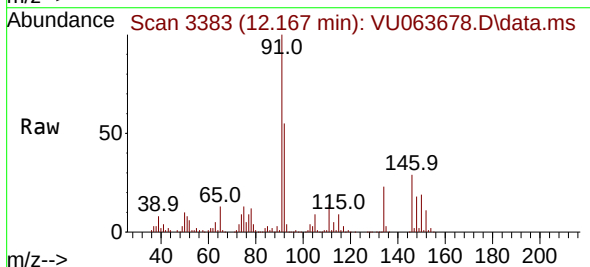
Tgt Ion:173 Resp: 7886
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 9.6 7.4 11.0

Manual Integrations
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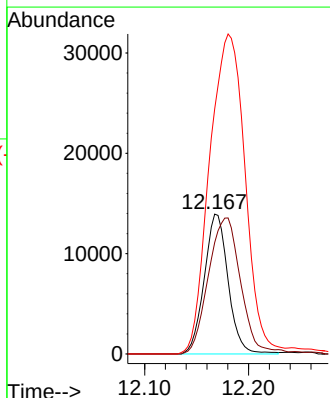
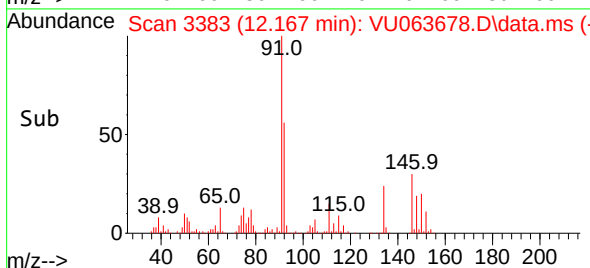
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

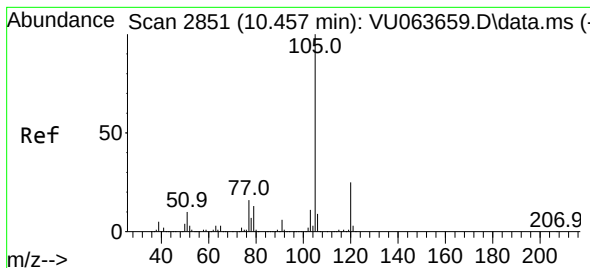


#68
1,2-Dichlorobenzene-d4
Concen: 0.975 ug/l
RT: 12.167 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:152 Resp: 22267
Ion Ratio Lower Upper
152 100
115 131.2 0.0 247.2
150 339.9 0.0 643.6





#69

Isopropylbenzene

Concen: 10.450 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 88577

Ion Ratio Lower Upper

105 100

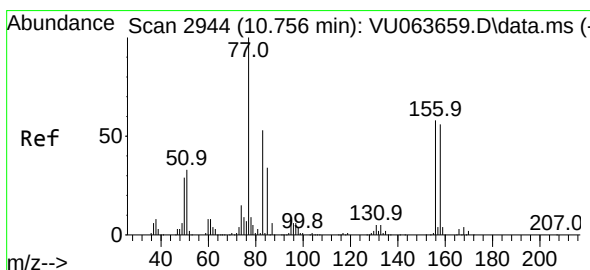
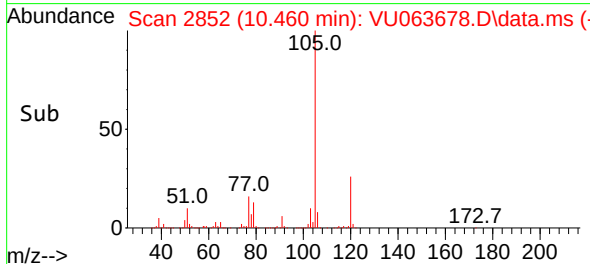
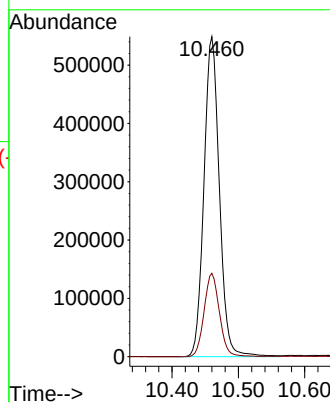
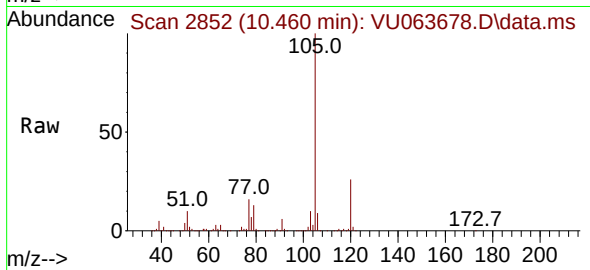
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 9.419 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

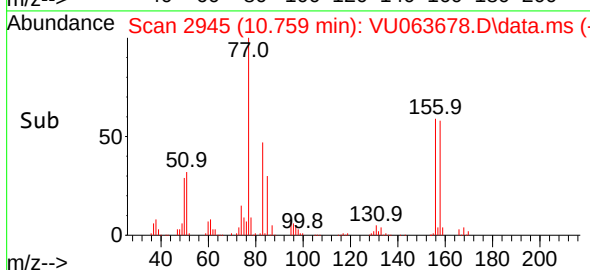
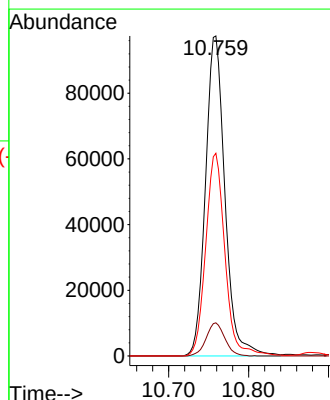
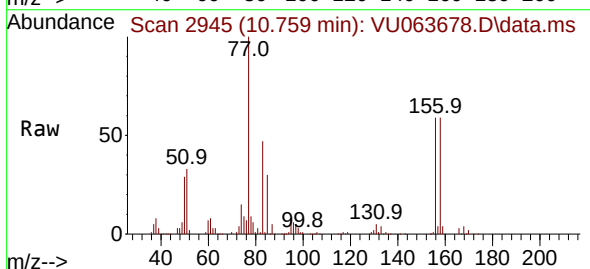
Tgt Ion: 83 Resp: 164922

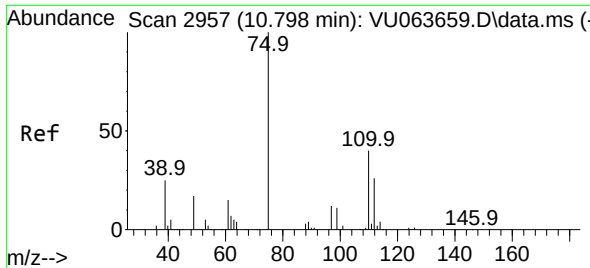
Ion Ratio Lower Upper

83 100

131 9.9 8.1 12.1

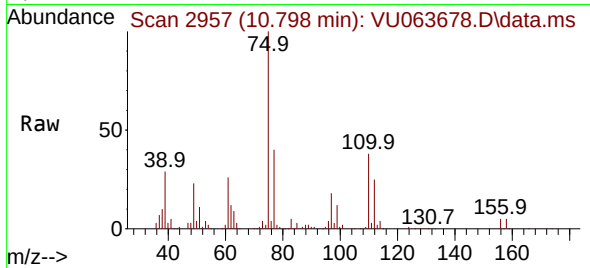
85 62.7 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 8.764 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

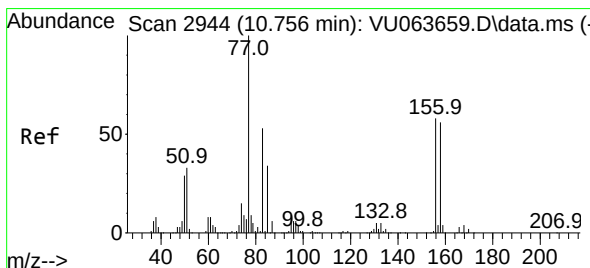
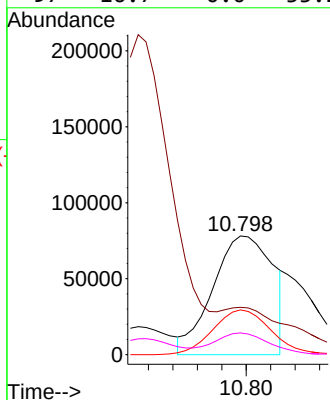
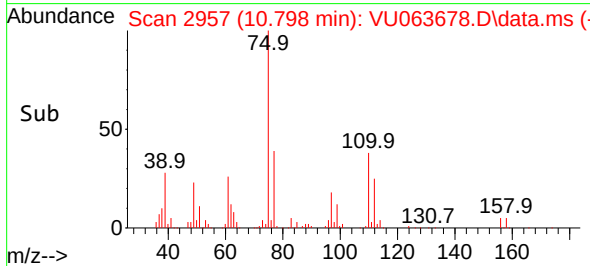


Tgt Ion: 75 Resp: 133500

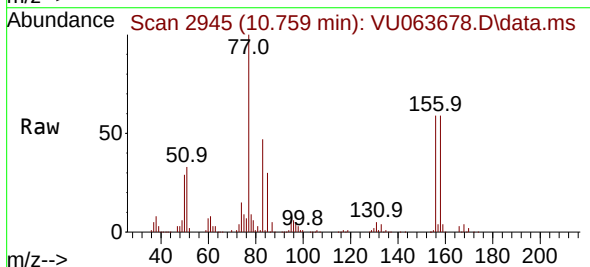
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	36.9	0.0	66.4
97	16.7	0.0	33.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

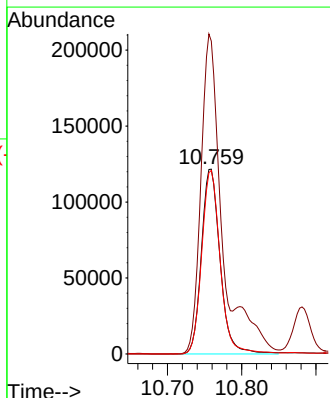
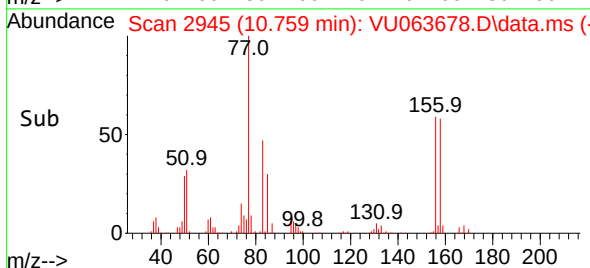


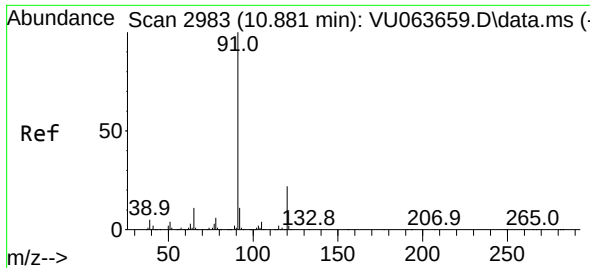
#72
Bromobenzene
Concen: 10.370 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:156 Resp: 212591

Ion	Ratio	Lower	Upper
156	100		
77	168.9	0.0	337.2
158	98.5	0.0	191.8





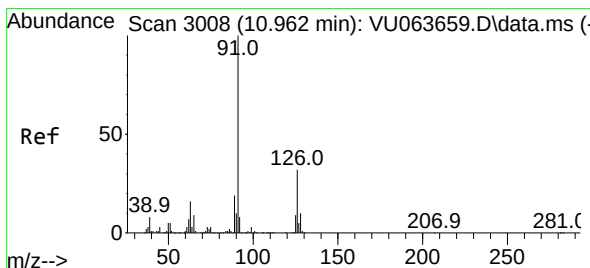
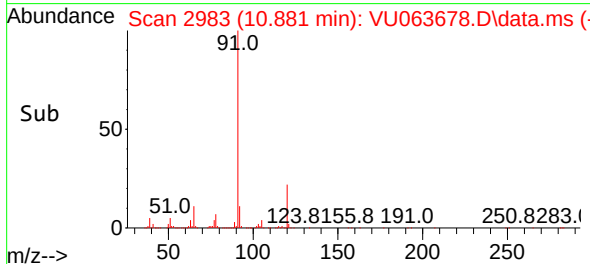
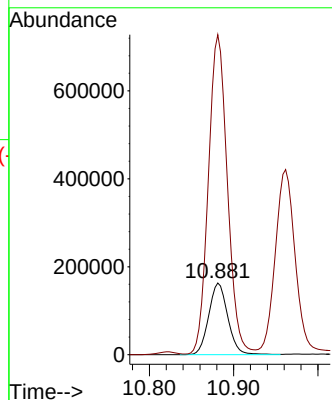
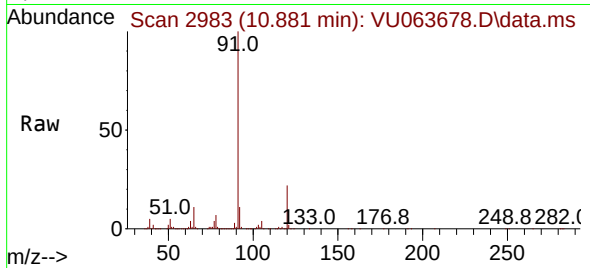
#73
n-propylbenzene
Concen: 10.648 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 256469
Ion Ratio Lower Upper
120 100
91 444.6 361.4 542.2

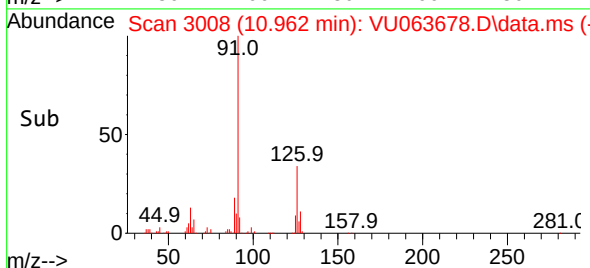
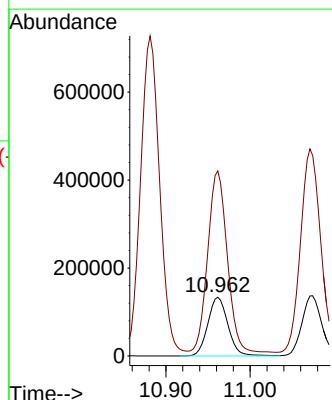
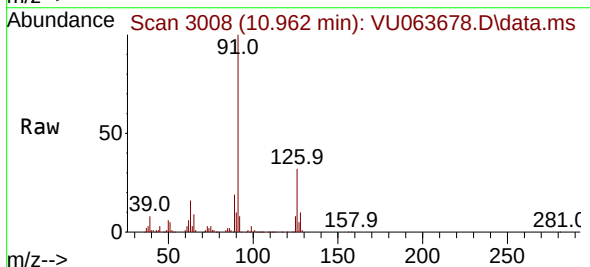
Manual Integrations
APPROVED

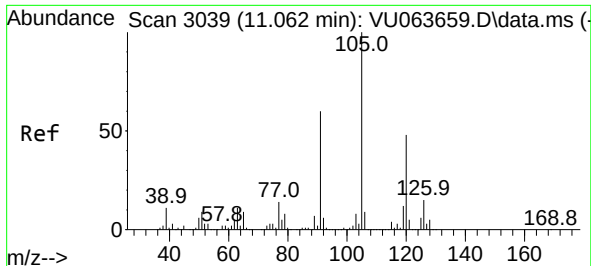
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 10.621 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

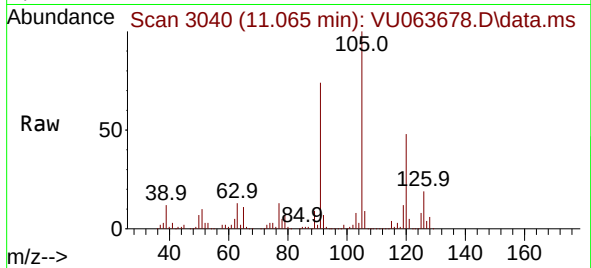
Tgt Ion:126 Resp: 221722
Ion Ratio Lower Upper
126 100
91 316.5 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 10.400 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

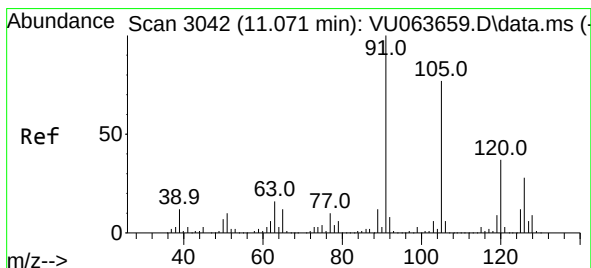
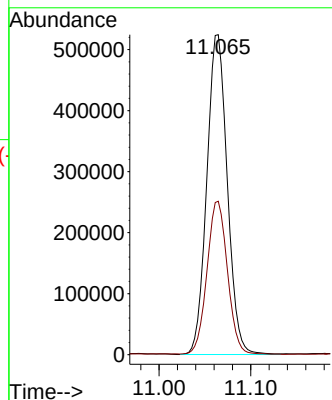
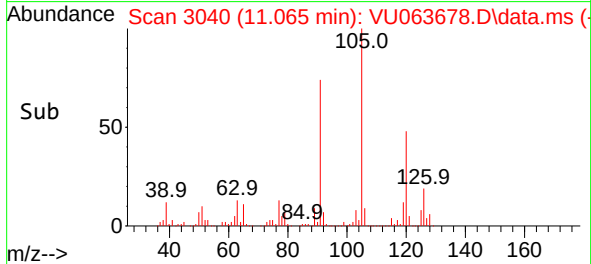
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



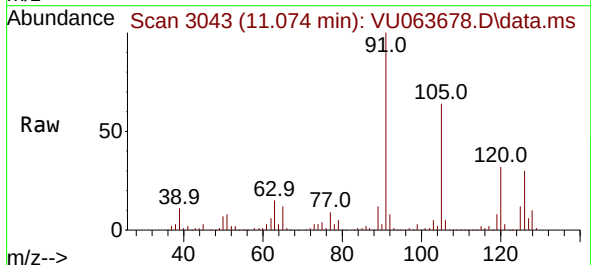
Tgt Ion:105 Resp: 815119
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.2

Manual Integrations
APPROVED

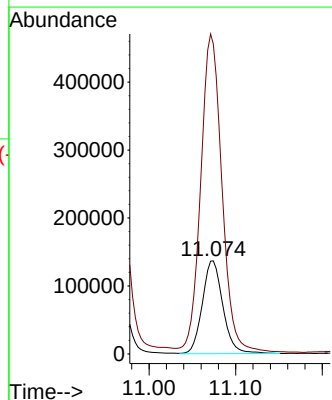
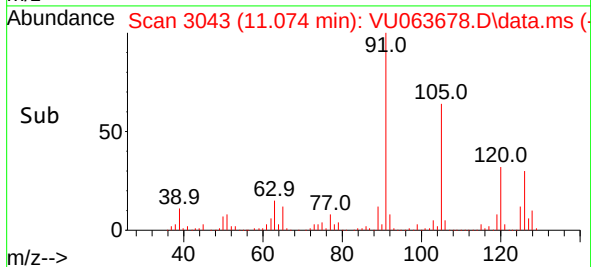
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

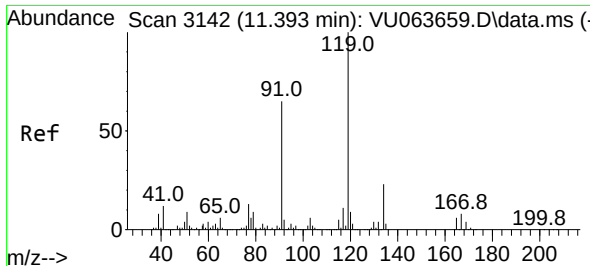


#76
4-Chlorotoluene
Concen: 10.744 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



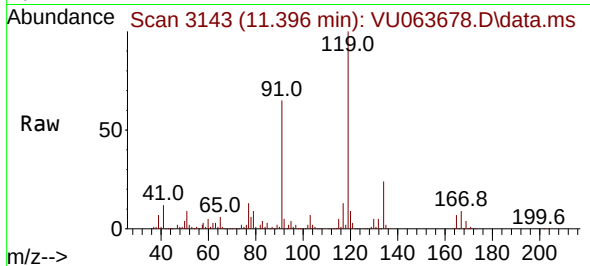
Tgt Ion:126 Resp: 225202
Ion Ratio Lower Upper
126 100
91 354.7 0.0 716.6





#77
tert-Butylbenzene
Concen: 10.072 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

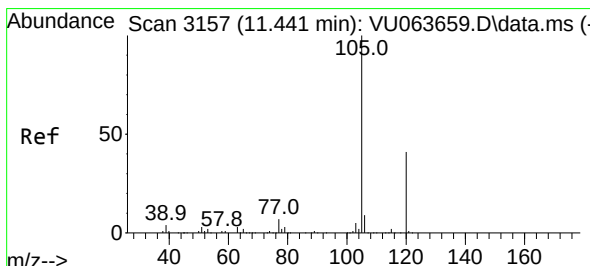
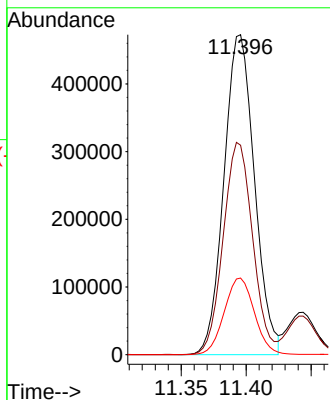
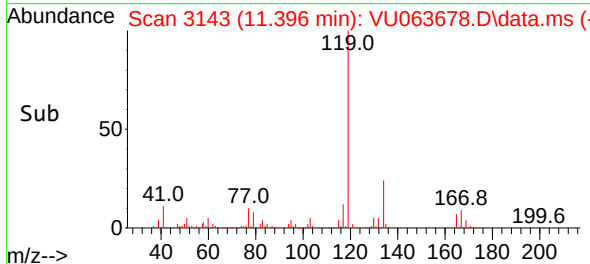
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 77346
Ion Ratio Lower Upper
119 100
91 63.7 31.3 93.8
134 23.7 18.7 28.1

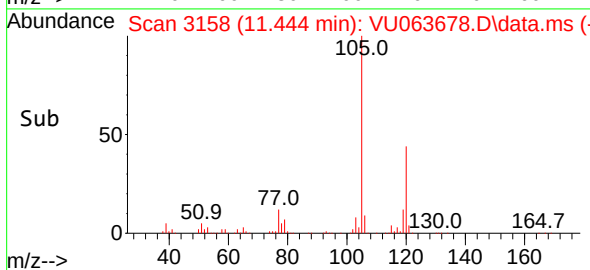
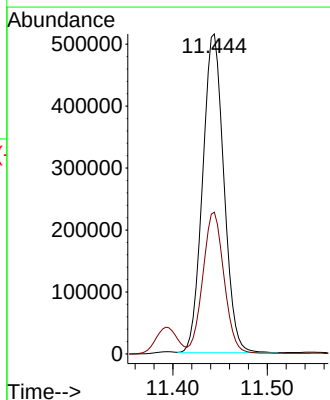
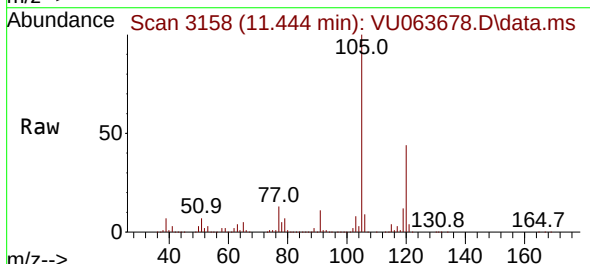
Manual Integrations
APPROVED

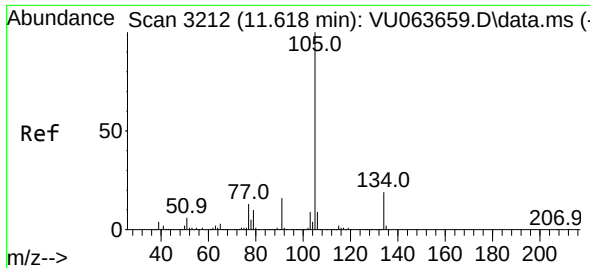
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
1,2,4-Trimethylbenzene
Concen: 10.681 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

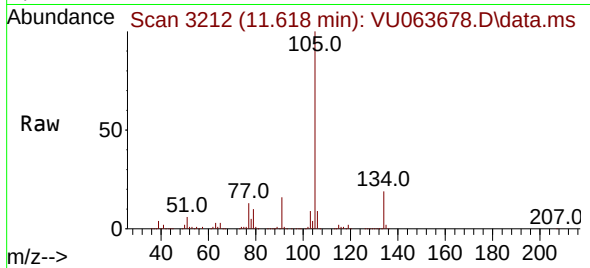
Tgt Ion:105 Resp: 803491
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 10.385 ug/l
 RT: 11.618 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55

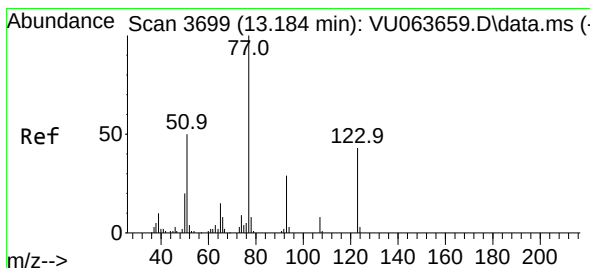
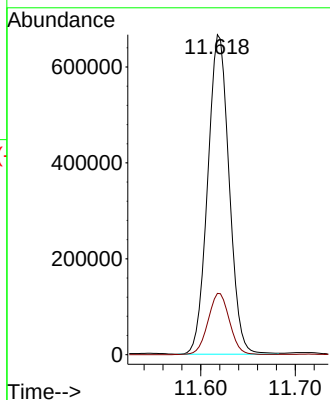
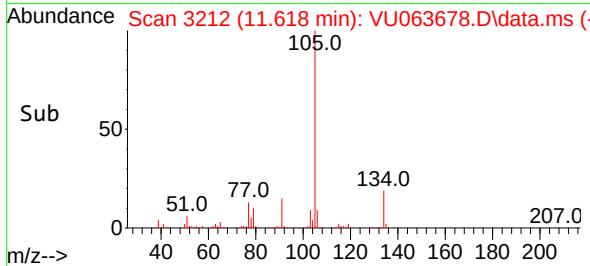
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



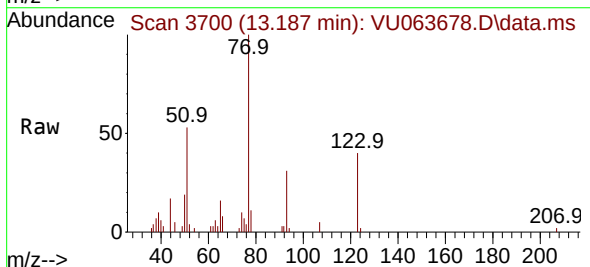
Tgt Ion:105 Resp: 104911
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

Manual Integrations
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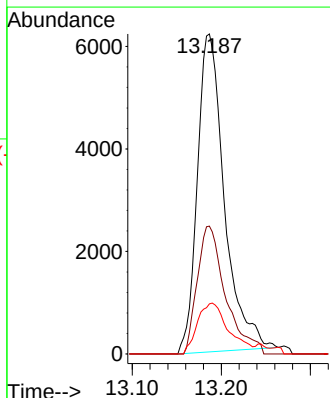
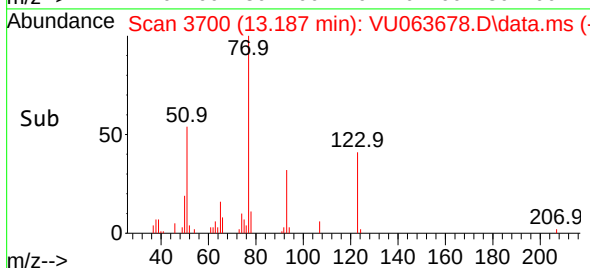
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

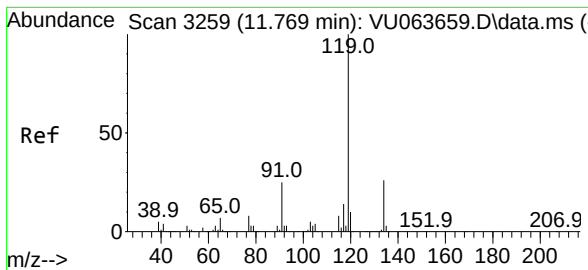


#80
 Nitrobenzene
 Concen: 21.250 ug/l
 RT: 13.187 min Scan# 3700
 Delta R.T. 0.003 min
 Lab File: VU063678.D
 Acq: 07 Nov 2025 08:55



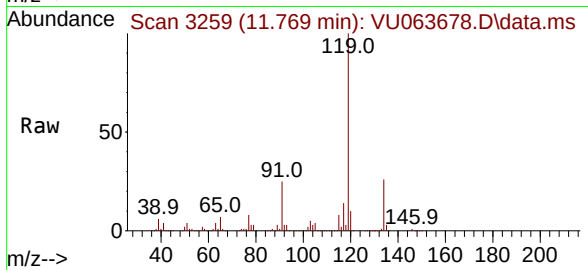
Tgt Ion: 77 Resp: 13085
 Ion Ratio Lower Upper
 77 100
 123 42.1 18.2 64.4
 65 16.0 13.6 17.2





#81
p-Isopropyltoluene
Concen: 10.425 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

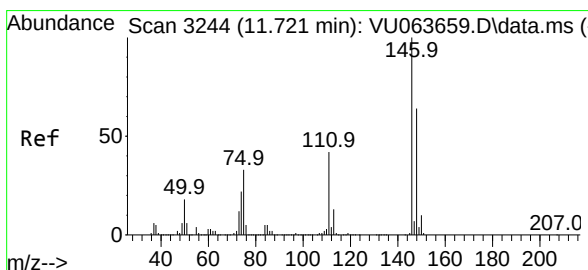
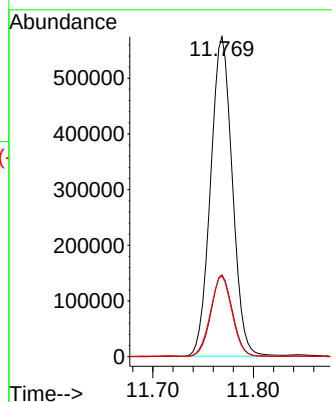
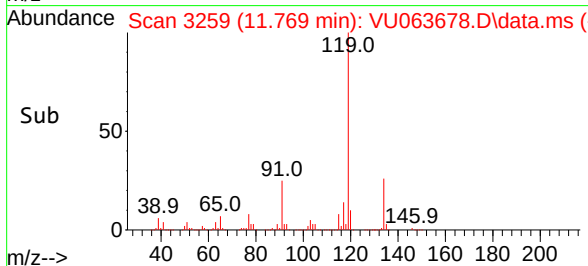
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



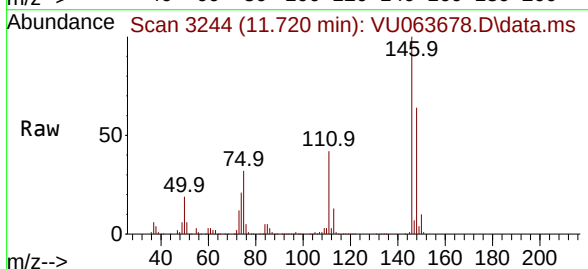
Tgt Ion:119 Resp: 862278
Ion Ratio Lower Upper
119 100
134 25.1 20.3 30.5
91 25.0 20.1 30.1

Manual Integrations
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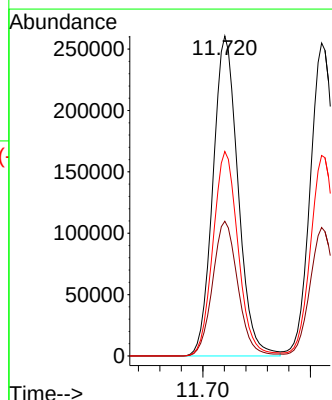
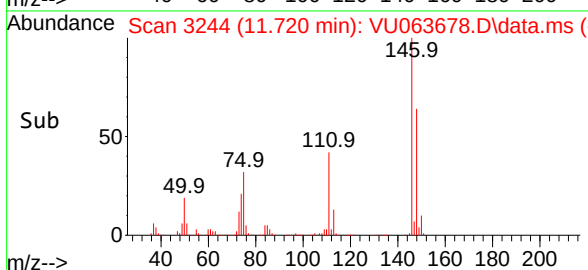
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

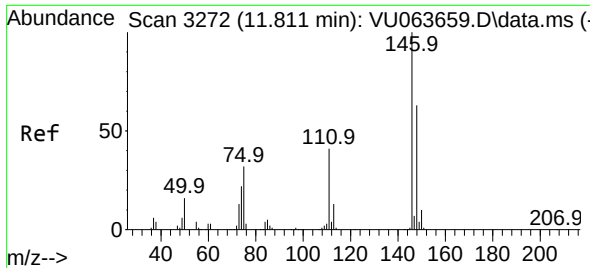


#82
1,3-Dichlorobenzene
Concen: 10.656 ug/l
RT: 11.720 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:146 Resp: 423068
Ion Ratio Lower Upper
146 100
111 42.4 33.8 50.8
148 64.1 50.8 76.2





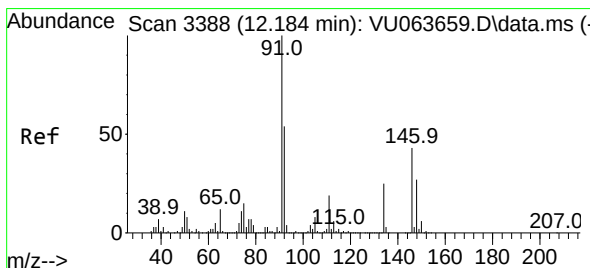
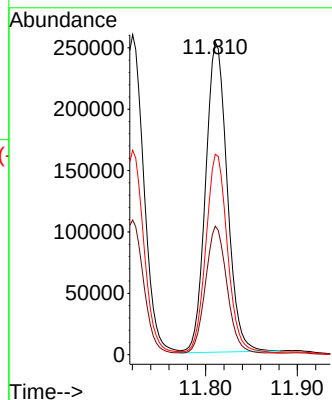
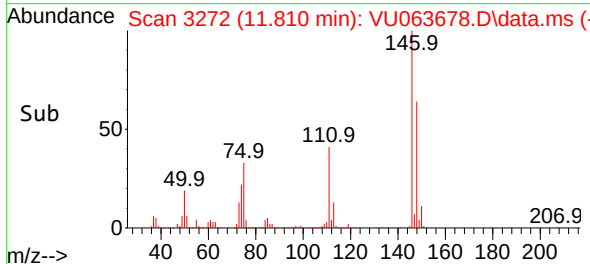
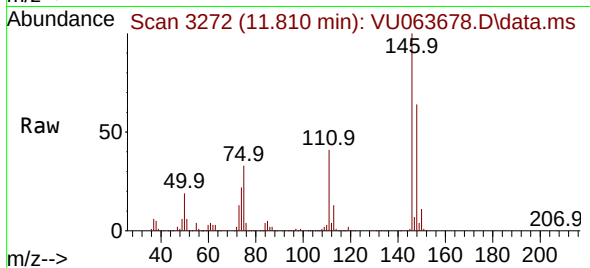
#83
1,4-Dichlorobenzene
Concen: 10.503 ug/l
RT: 11.810 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 41435
Ion Ratio Lower Upper
146 100
111 41.1 33.0 49.4
148 64.1 50.6 76.0

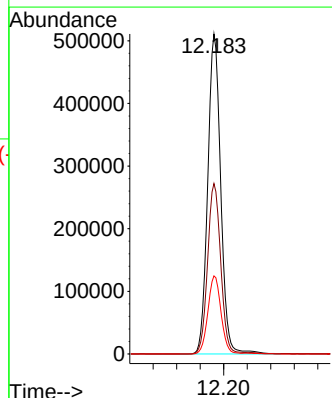
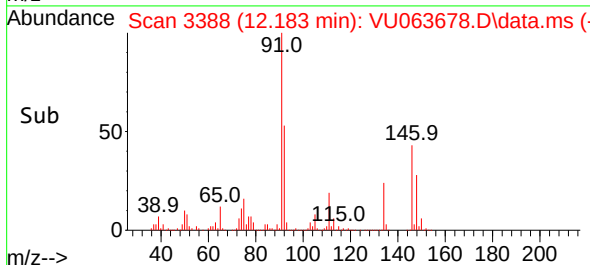
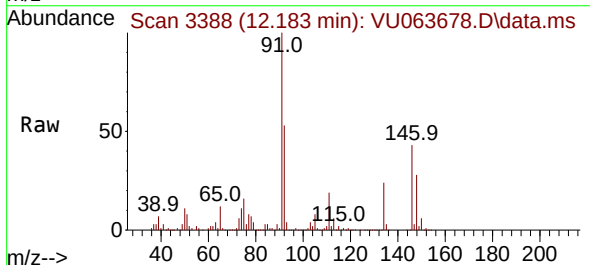
Manual Integrations
APPROVED

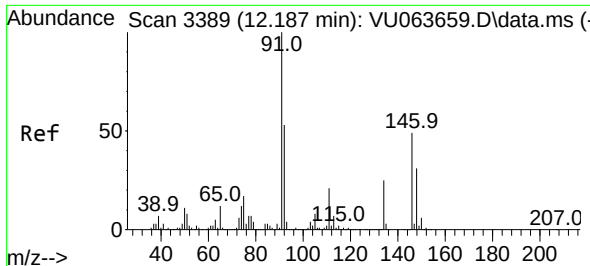
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
n-Butylbenzene
Concen: 10.552 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

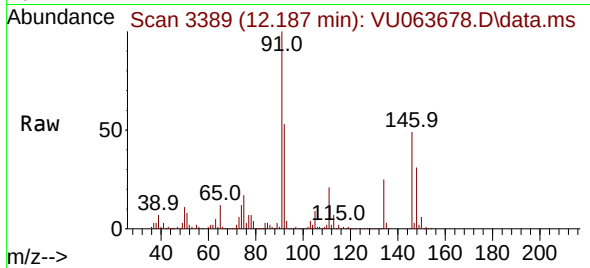
Tgt Ion: 91 Resp: 782241
Ion Ratio Lower Upper
91 100
92 53.7 43.1 64.7
134 24.6 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 10.390 ug/l
RT: 12.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

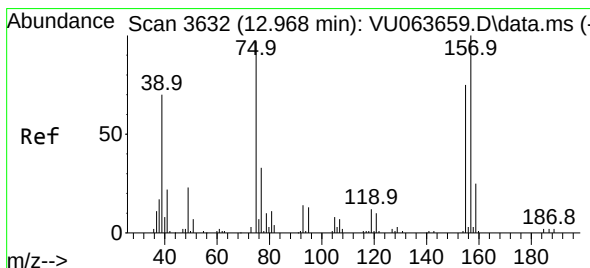
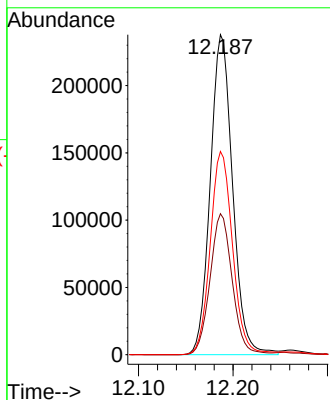
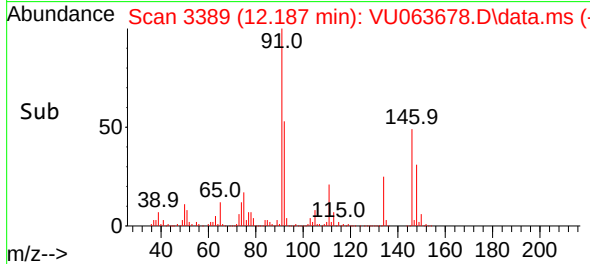
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 390134
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 63.7 31.9 95.5

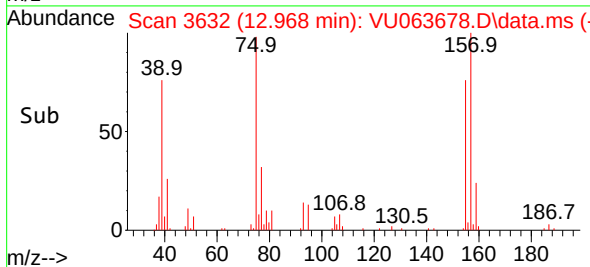
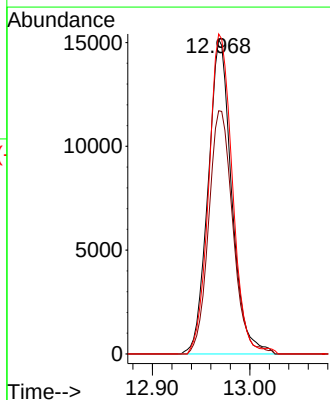
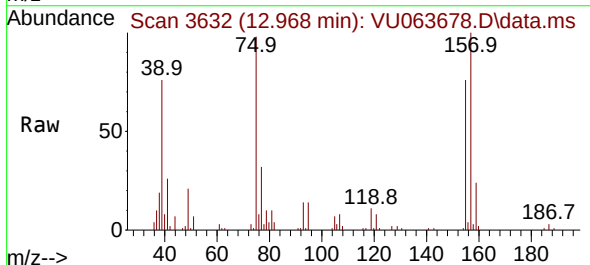
Manual Integrations
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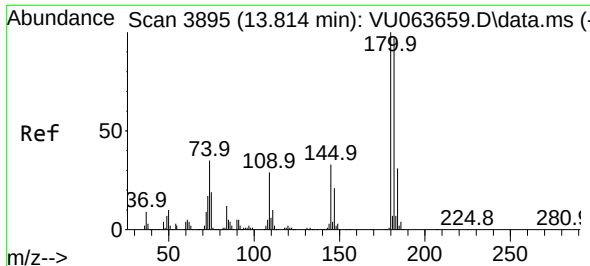
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 8.792 ug/l
RT: 12.968 min Scan# 3632
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

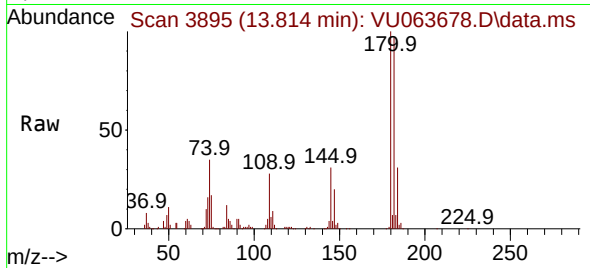
Tgt Ion: 75 Resp: 25508
Ion Ratio Lower Upper
75 100
155 79.2 62.2 93.4
157 100.8 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 10.193 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55

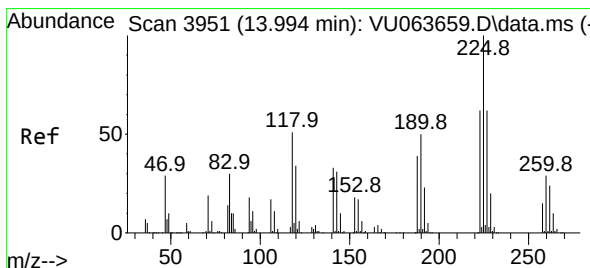
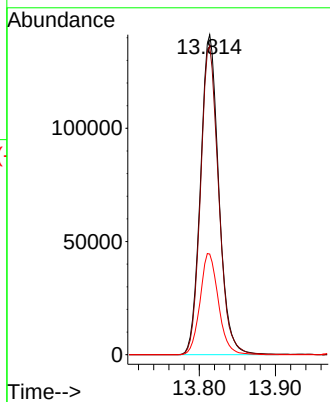
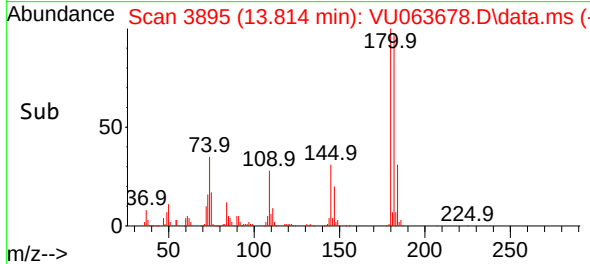
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



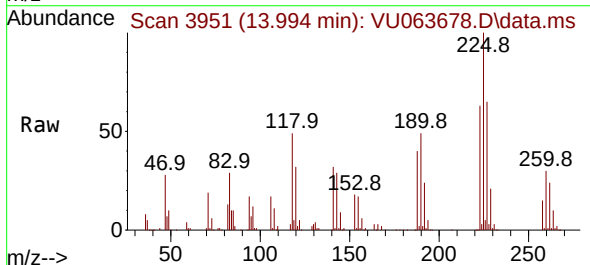
Tgt Ion:180 Resp: 235800
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 31.7 26.2 39.2

Manual Integrations
APPROVED

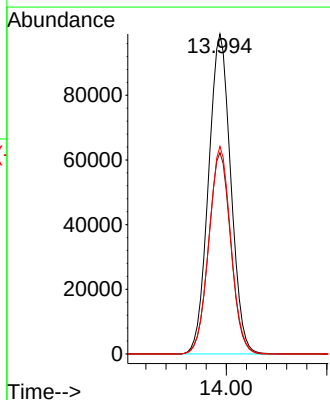
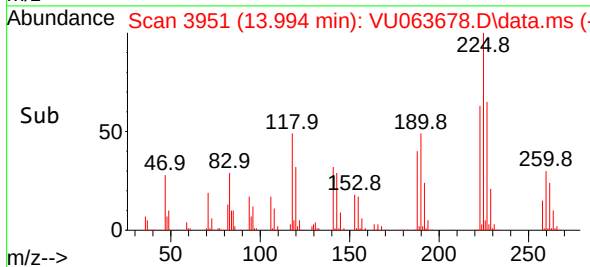
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

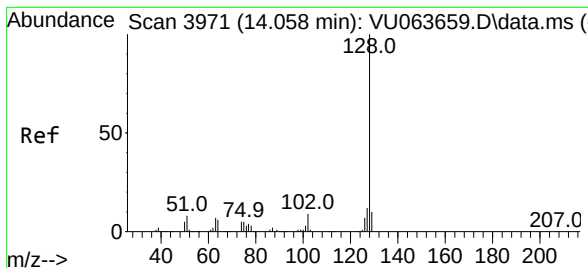


#88
Hexachlorobutadiene
Concen: 11.050 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063678.D
Acq: 07 Nov 2025 08:55



Tgt Ion:225 Resp: 152177
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.4
227 63.9 50.0 75.0





#89

Naphthalene

Concen: 8.272 ug/l

RT: 14.061 min Scan# 3971

Delta R.T. 0.003 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

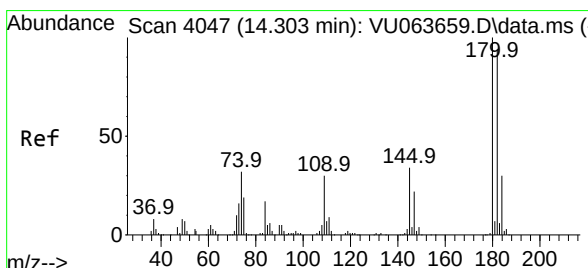
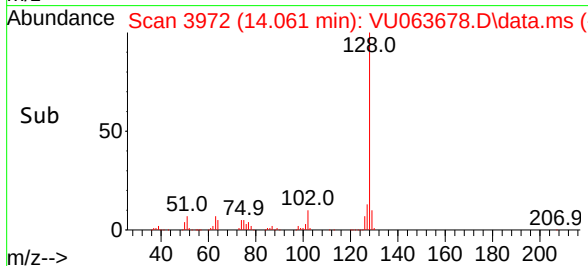
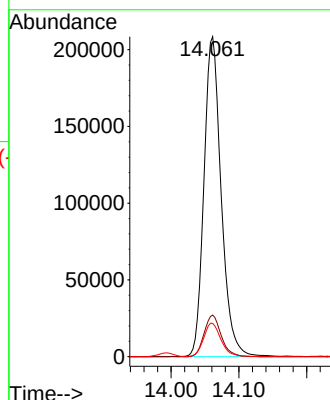
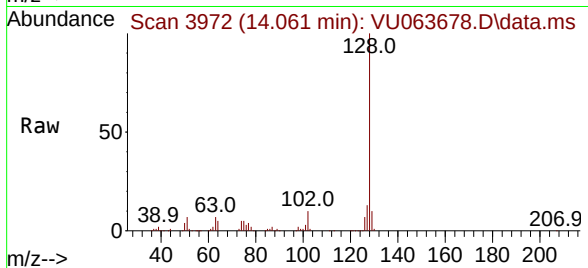
Tgt Ion:128	Resp: 36815
Ion Ratio	Lower Upper
128 100	
127 12.9	10.2 15.2
129 10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#90

1,2,3-Trichlorobenzene

Concen: 9.777 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063678.D

Acq: 07 Nov 2025 08:55

Tgt Ion:180	Resp: 206776
Ion Ratio	Lower Upper
180 100	
182 96.4	75.4 113.0
145 34.2	27.4 41.2

