

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063667.D
 Acq On : 05 Nov 2025 10:13
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 5.0mL/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 06 03:58:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	59809	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.608	95	31056	1.148	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.168	152	23178	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	228955	10.170	ug/l	99
3) Chloromethane	1.509	50	207482	9.800	ug/l	99
4) Vinyl Chloride	1.589	62	220601	10.247	ug/l	99
5) Bromomethane	1.834	94	127685	9.813	ug/l	98
6) Chloroethane	1.914	64	138178	10.455	ug/l	98
7) Trichlorofluoromethane	2.116	101	330481	10.554	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	177041	10.632	ug/l	99
9) 1,1-Dichloroethene	2.554	96	170400	10.567	ug/l	98
10) Iodomethane	2.695	142	251329	10.494	ug/l	99
11) Allyl Chloride	2.895	41	256285	10.178	ug/l	97
12) Acrylonitrile	3.287	53	73954	18.539	ug/l	99
13) Acetone	2.602	43	344557	48.905	ug/l	100
14) Carbon Disulfide	2.766	76	462812	10.186	ug/l	99
15) Methylene Chloride	3.014	84	192168	9.271	ug/l	100
16) trans-1,2-Dichloroethene	3.319	96	186024	10.461	ug/l	98
17) 1,1-Dichloroethane	3.830	63	367049	10.421	ug/l	99
18) 2-Butanone	4.689	43	356103	47.648	ug/l	99
19) Cyclohexane	5.345	56	285805	10.618	ug/l	99
20) Methylcyclohexane	6.724	83	348663	10.406	ug/l	99
21) 2,2-Dichloropropane	4.624	77	333047	10.538	ug/l	100
22) cis-1,2-Dichloroethene	4.628	96	212964	10.518	ug/l	99
23) Diethyl Ether	2.358	59	132929	10.060	ug/l	99
24) tert-Butyl Alcohol	3.168	59	165589	72.705	ug/l	99
25) Methyl tert-Butyl Ether	3.342	73	463471	9.808	ug/l	99
26) Bromochloromethane	4.936	128	85136	9.969	ug/l	99
27) Chloroform	5.052	83	379192	10.521	ug/l	100
28) 1,1,1-Trichloroethane	5.277	97	332864	10.473	ug/l	99
29) 1,1-Dichloropropene	5.486	75	284035	10.645	ug/l	99
30) Carbon Tetrachloride	5.483	117	274487	10.910	ug/l	99
31) Isopropyl Ether	3.969	45	565597	10.135	ug/l	99
32) Ethyl-t-butyl ether	4.480	59	528427	9.829	ug/l	99
33) Tert-Amyl methyl ether	5.920	73	468030	9.998	ug/l	99
34) Propionitrile	4.750	54	66604	45.605	ug/l	95
35) Benzene	5.737	78	785195	10.441	ug/l	98
36) 1,2-Dichloroethane	5.763	62	244972	10.144	ug/l	99
37) Trichloroethene	6.509	130	232248	10.835	ug/l	93
38) 1,2-Dichloropropane	6.763	63	216303	10.277	ug/l	99
39) Methacrylonitrile	4.952	41	63275	8.704	ug/l	96
40) Methyl acrylate	4.824	55	96894	9.179	ug/l	96
41) Tetrahydrofuran	5.036	42	61754	18.879	ug/l	99
42) 1-Chlorobutane	5.422	56	388888	10.876	ug/l	98
43) Dibromomethane	6.888	93	108551	9.970	ug/l	98
44) Bromodichloromethane	7.078	83	269218	10.112	ug/l	99

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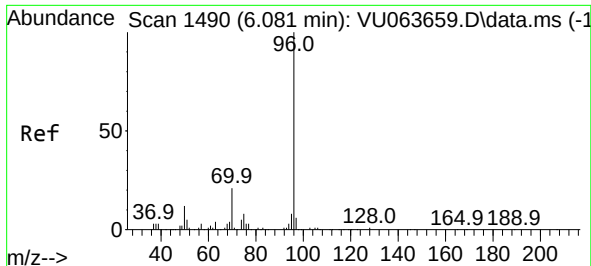
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Quant Time: Nov 06 03:58:35 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

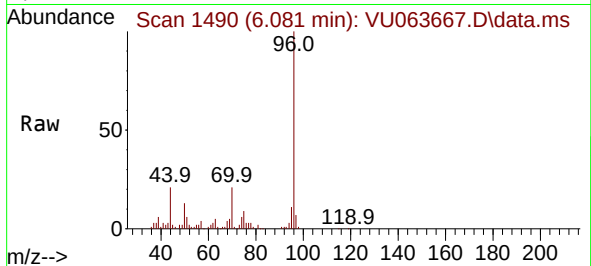
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	604251	46.023	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	80759m	17.733	ug/l	
47) Methyl methacrylate	6.946	69	190270	18.993	ug/l	98
48) Ethyl methacrylate	8.316	69	197480	9.693	ug/l	99
49) Toluene	7.943	92	528641	10.423	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	219424	9.483	ug/l	98
51) cis-1,3-Dichloropropene	7.579	75	285900	9.879	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	148726	10.048	ug/l	98
53) 1,3-Dichloropropane	8.550	76	258190	9.765	ug/l	99
54) 2-Hexanone	8.666	43	519298	46.848	ug/l	99
55) Dibromochloromethane	8.782	129	175473	10.068	ug/l	100
56) 1,2-Dibromoethane	8.898	107	134048	9.517	ug/l	99
58) Tetrachloroethene	8.525	164	229100	10.927	ug/l	97
59) Chlorobenzene	9.422	112	576773	10.486	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	196315	10.194	ug/l	98
61) Pentachloroethane	11.402	117	128642	9.630	ug/l	100
62) Hexachloroethane	12.447	117	149297	10.196	ug/l	97
63) Ethyl Benzene	9.544	91	1026031	10.298	ug/l	100
64) m/p-Xylenes	9.669	106	778073	20.920	ug/l	99
65) o-Xylene	10.074	106	378030	10.372	ug/l	100
66) Styrene	10.090	104	609396	10.307	ug/l	99
67) Bromoform	10.264	173	92208	9.799	ug/l	98
69) Isopropylbenzene	10.457	105	939077	10.433	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.756	83	172470	9.277	ug/l	100
71) 1,2,3-Trichloropropane	10.798	75	149478m	9.241	ug/l	
72) Bromobenzene	10.756	156	225190	10.345	ug/l	99
73) n-propylbenzene	10.881	120	267140	10.445	ug/l	98
74) 2-Chlorotoluene	10.962	126	230911	10.417	ug/l	98
75) 1,3,5-Trimethylbenzene	11.061	105	854862	10.272	ug/l	100
76) 4-Chlorotoluene	11.071	126	229619	10.317	ug/l	100
77) tert-Butylbenzene	11.393	119	823708	10.102	ug/l	100
78) 1,2,4-Trimethylbenzene	11.441	105	835882	10.464	ug/l	100
79) sec-Butylbenzene	11.618	105	1103615	10.289	ug/l	100
80) Nitrobenzene	13.187	77	17051	26.078	ug/l	98
81) p-Isopropyltoluene	11.769	119	901578	10.265	ug/l	100
82) 1,3-Dichlorobenzene	11.721	146	436617	10.357	ug/l	99
83) 1,4-Dichlorobenzene	11.811	146	435080	10.386	ug/l	99
84) n-Butylbenzene	12.184	91	805907	10.238	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	408367	10.242	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	28406	9.221	ug/l	99
87) 1,2,4-Trichlorobenzene	13.814	180	246146	10.020	ug/l	100
88) Hexachlorobutadiene	13.994	225	158774	10.857	ug/l	99
89) Naphthalene	14.058	128	395170	8.362	ug/l	100
90) 1,2,3-Trichlorobenzene	14.303	180	219212	9.762	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

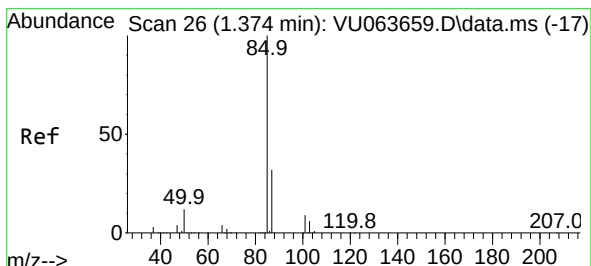
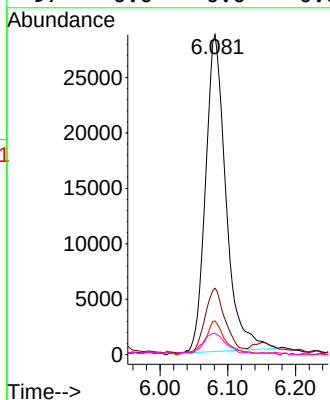
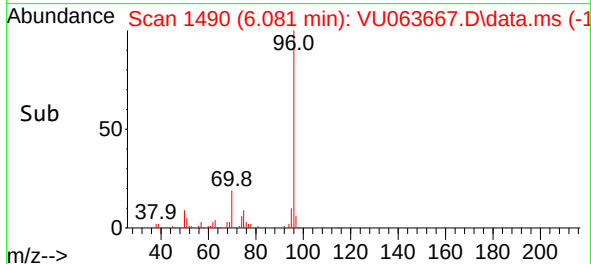
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



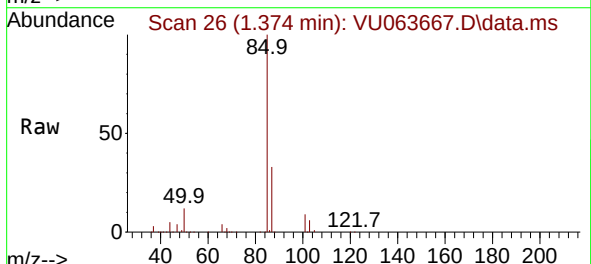
Tgt Ion: 96 Resp: 59809
Ion Ratio Lower Upper
96 100
70 18.3 15.3 22.9
95 9.1 6.5 9.7
97 0.0 0.0 0.0

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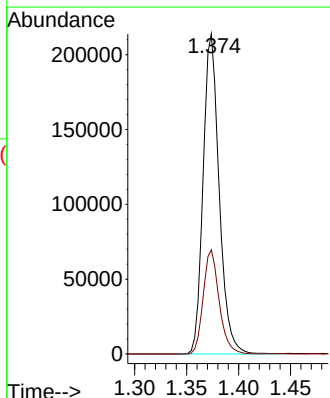
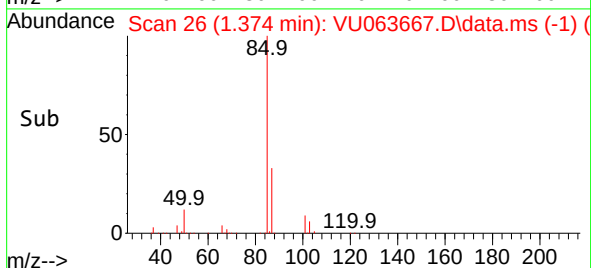
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

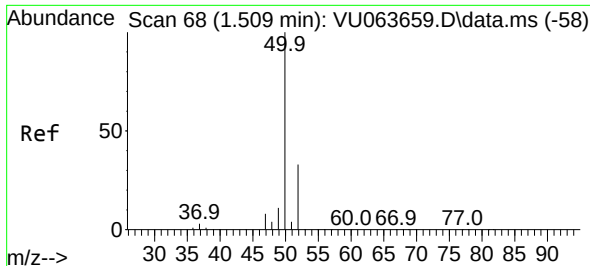


#2
Dichlorodifluoromethane
Concen: 10.170 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



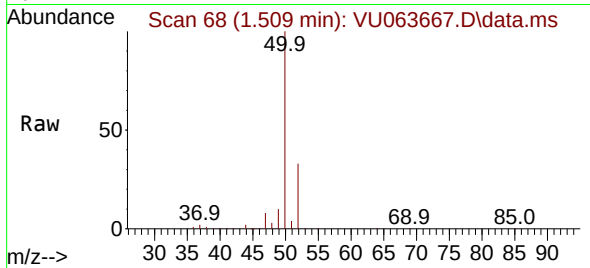
Tgt Ion: 85 Resp: 228955
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9





#3
Chloromethane
Concen: 9.800 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

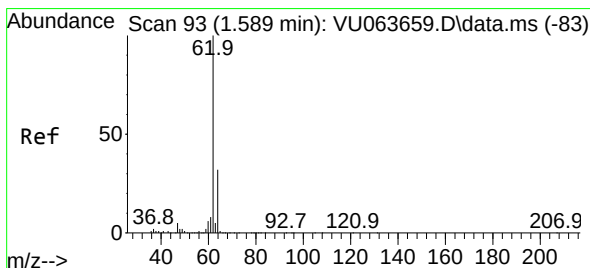
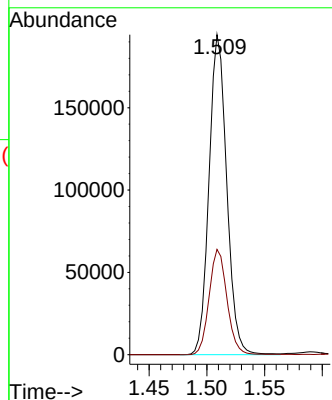
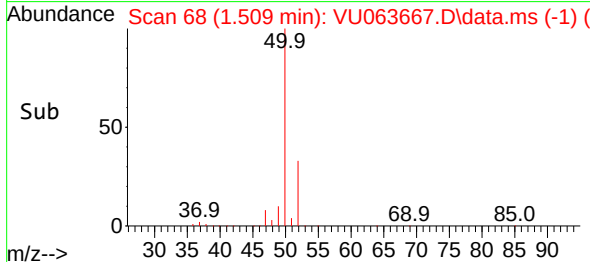
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 20748
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

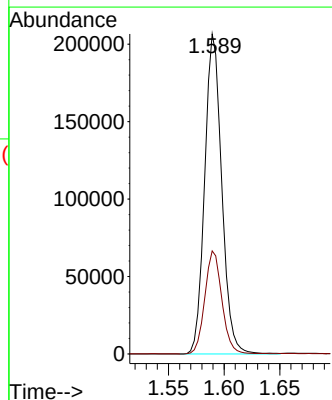
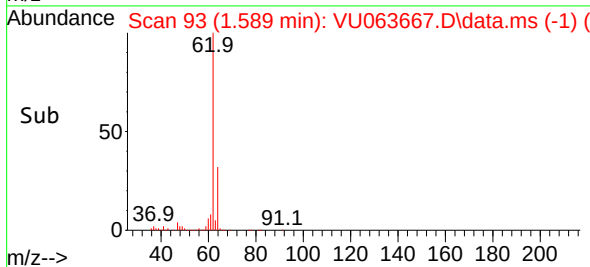
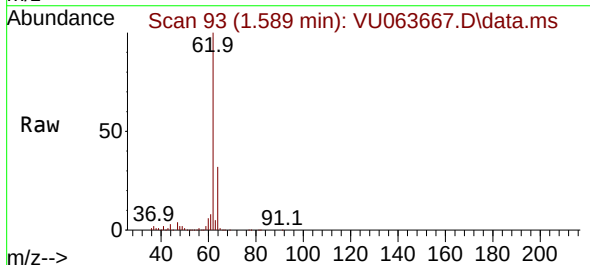
Manual Integrations
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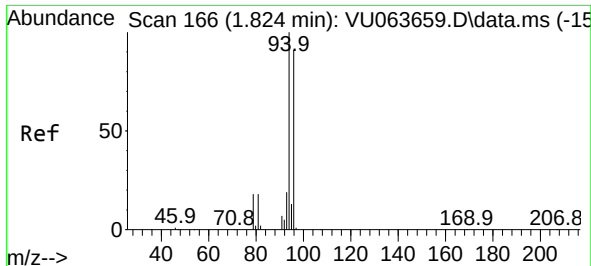
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 10.247 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

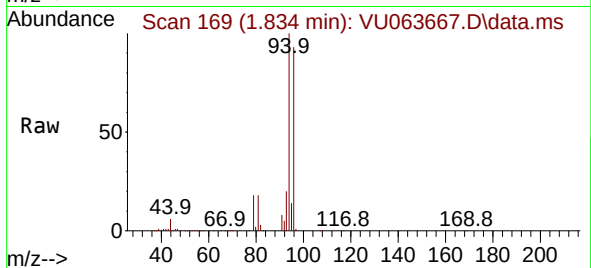
Tgt Ion: 62 Resp: 220601
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8





#5
Bromomethane
Concen: 9.813 ug/l
RT: 1.834 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

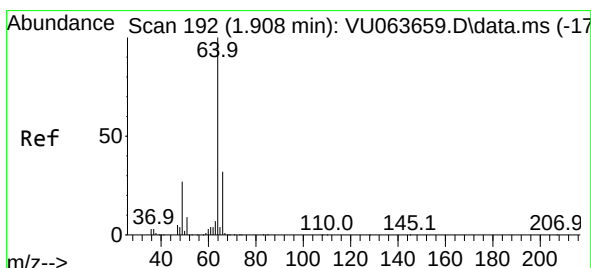
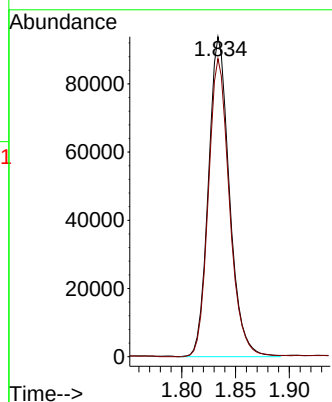
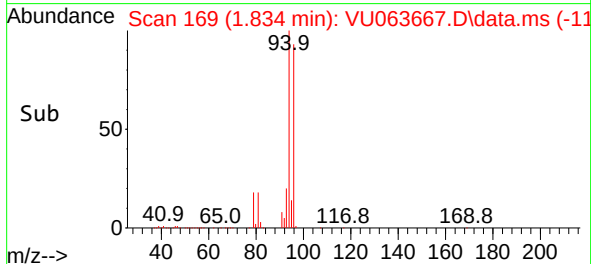
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 12768
Ion Ratio Lower Upper
94 100
96 93.2 73.0 109.6

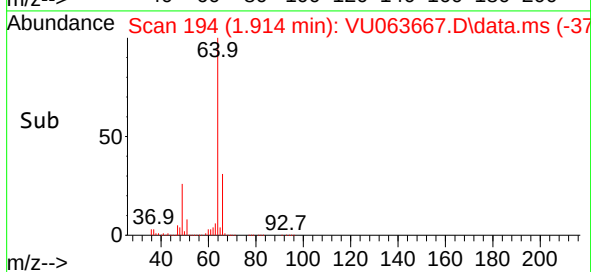
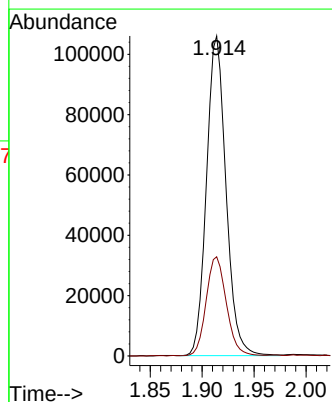
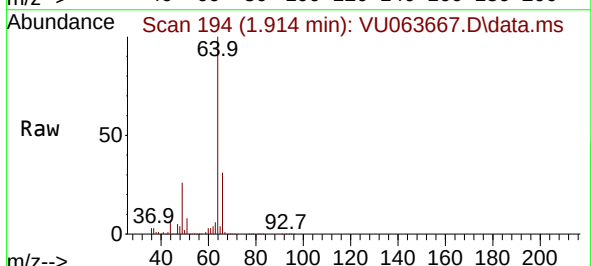
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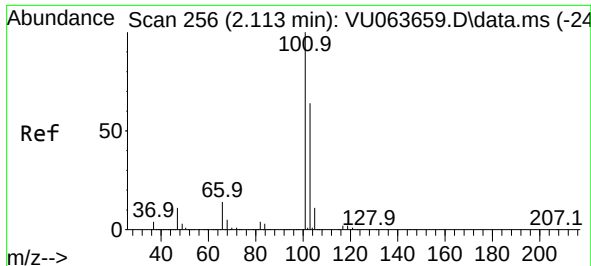
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 10.455 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

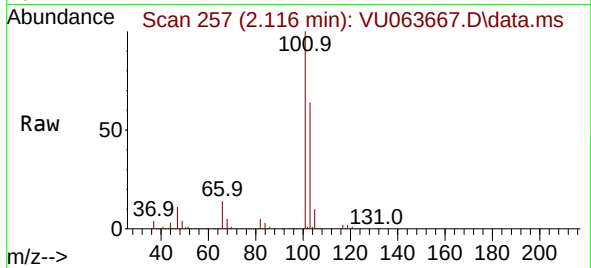
Tgt Ion: 64 Resp: 138178
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 10.554 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

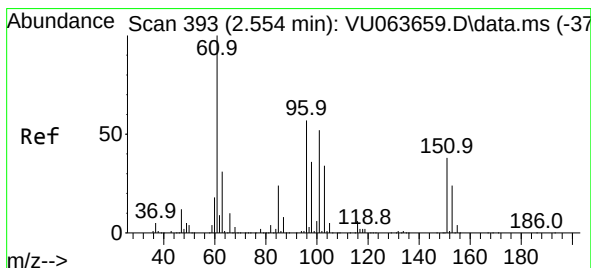
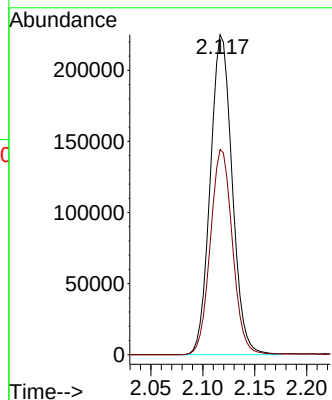
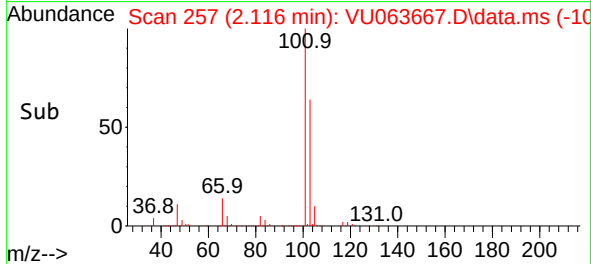
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 33048
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

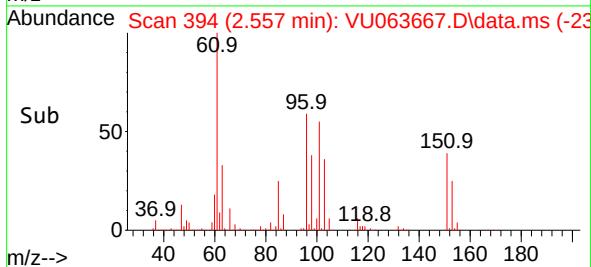
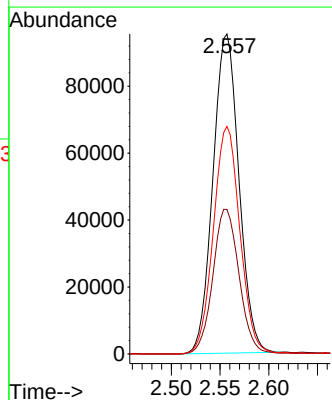
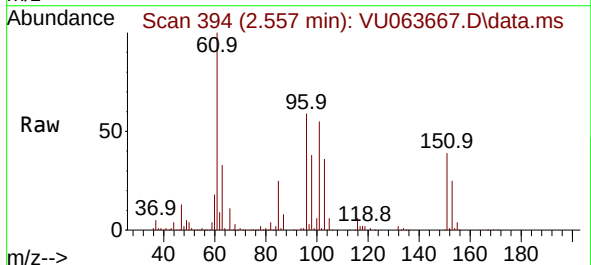
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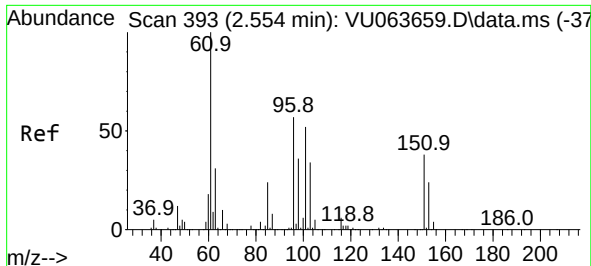
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.632 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

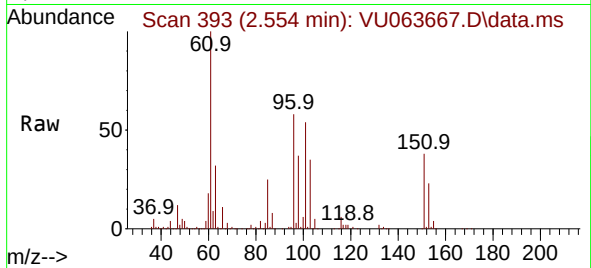
Tgt Ion:101 Resp: 177041
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 72.4 57.2 85.8





#9
1,1-Dichloroethene
Concen: 10.567 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

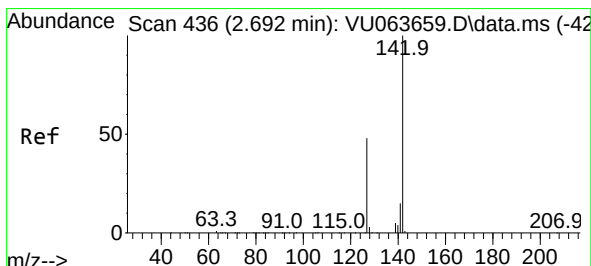
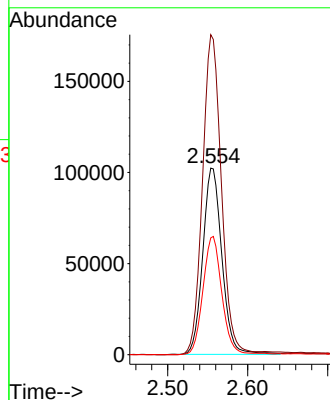
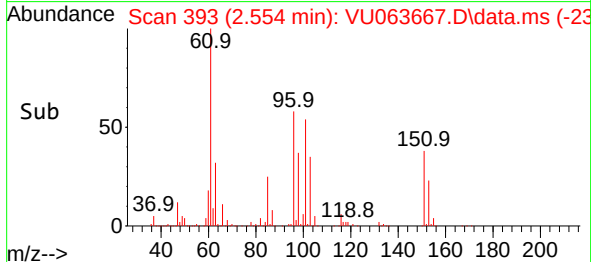
Instrument :
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VSTDCCC010



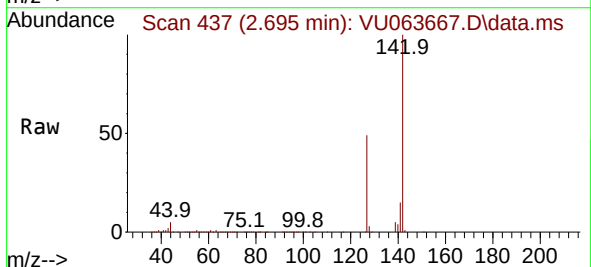
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Ion Ratio Lower Upper
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98 62.7 0.0 126.8

Manual Integrations
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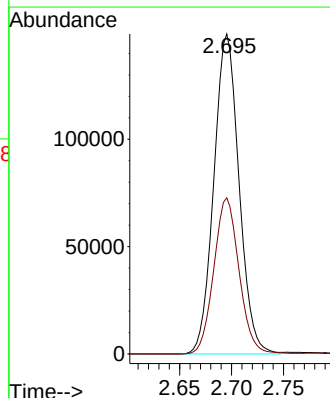
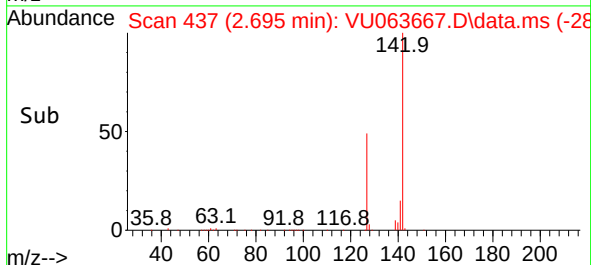
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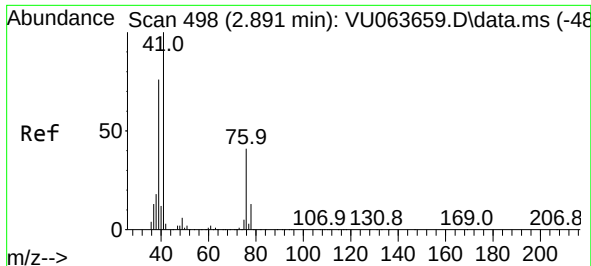


#10
Iodomethane
Concen: 10.494 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



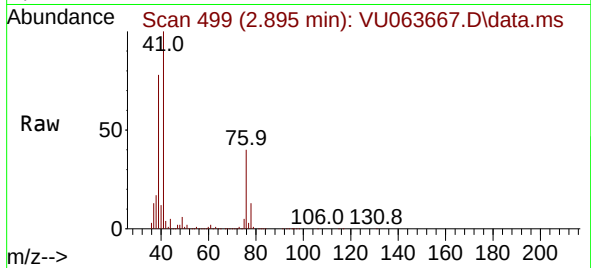
Tgt Ion:142 Resp: 251329
Ion Ratio Lower Upper
142 100
127 48.9 38.6 58.0





#11
 Allyl Chloride
 Concen: 10.178 ug/l
 RT: 2.895 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

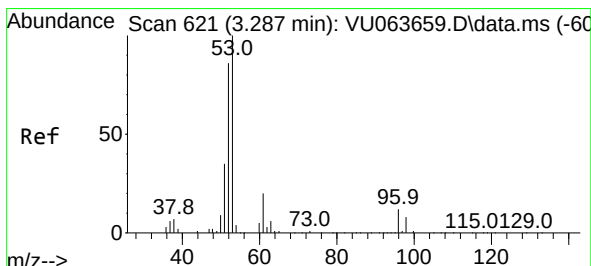
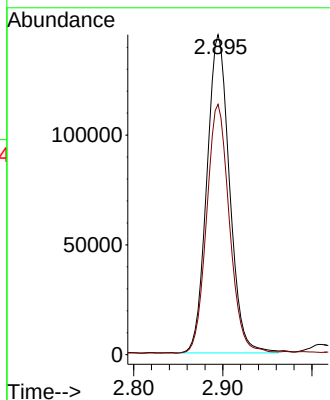
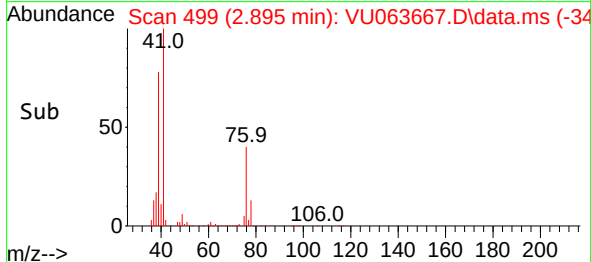
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 25628
 Ion Ratio Lower Upper
 41 100
 39 78.6 61.0 91.4

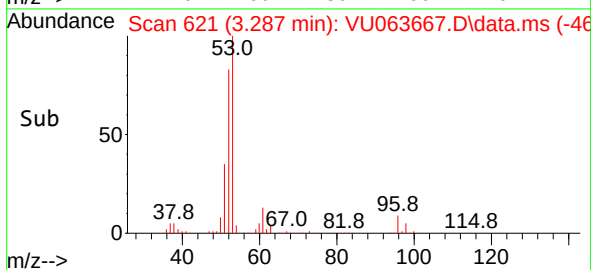
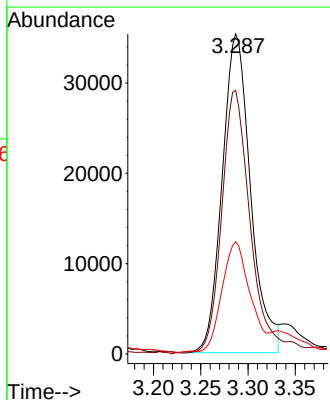
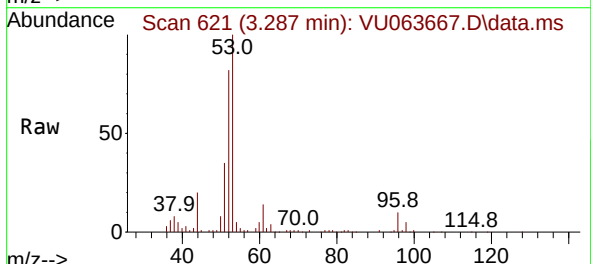
Manual Integrations
 APPROVED

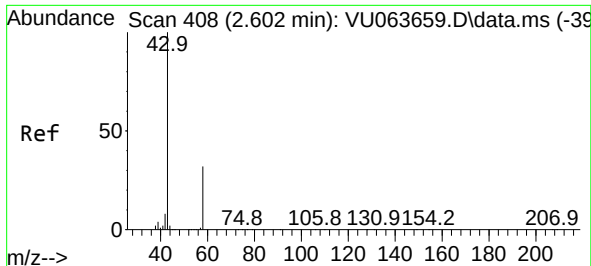
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#12
 Acrylonitrile
 Concen: 18.539 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

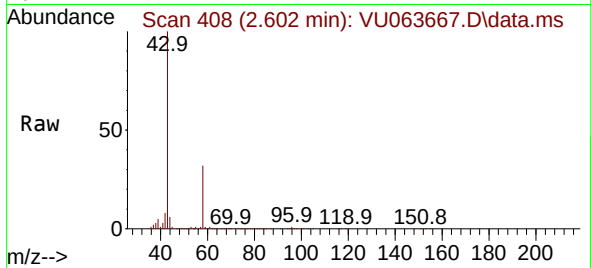
Tgt Ion: 53 Resp: 73954
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.4 98.0
 51 33.9 27.6 41.4





#13
Acetone
Concen: 48.905 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

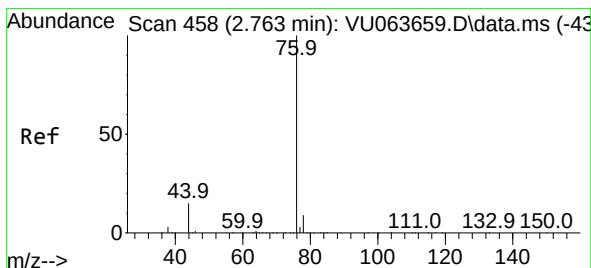
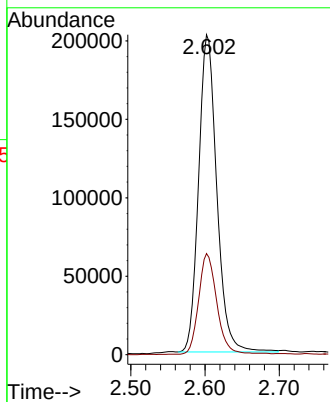
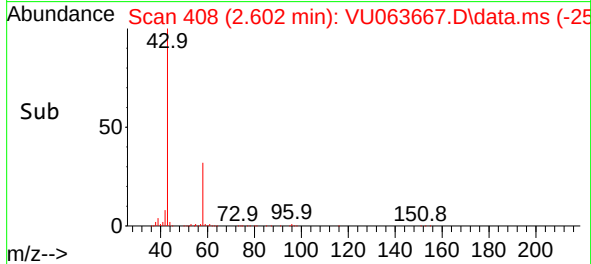
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



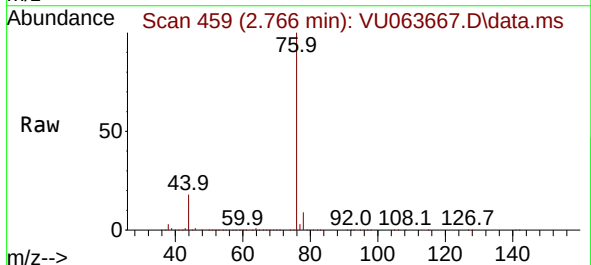
Tgt Ion: 43 Resp: 34455
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8

Manual Integrations
APPROVED

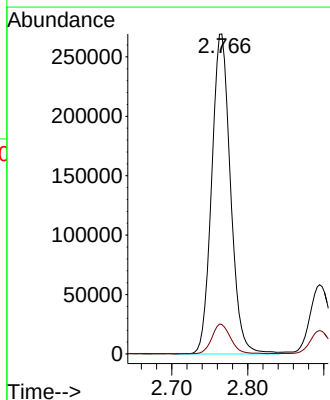
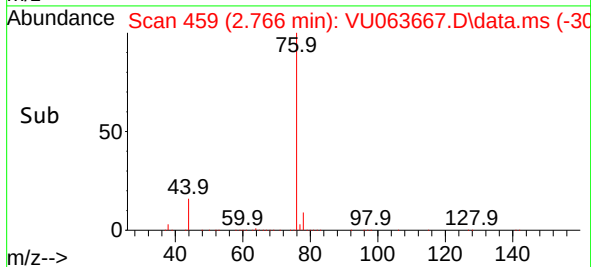
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

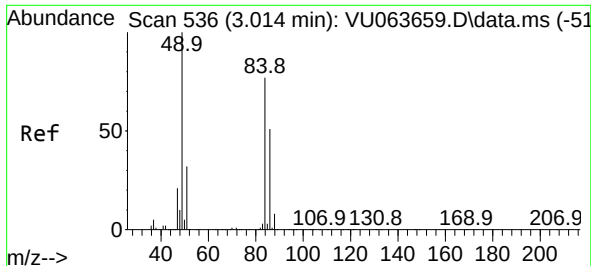


#14
Carbon Disulfide
Concen: 10.186 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



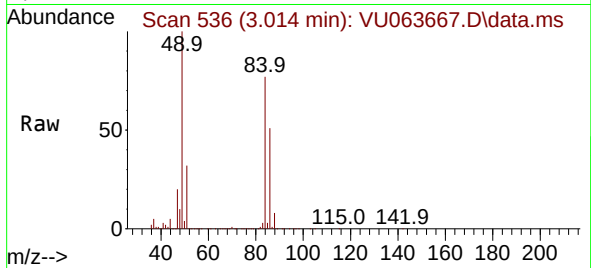
Tgt Ion: 76 Resp: 462812
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15
Methylene Chloride
Concen: 9.271 ug/l
RT: 3.014 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

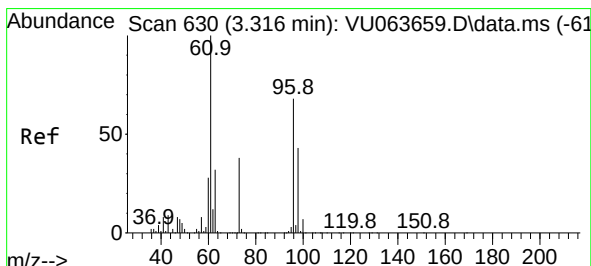
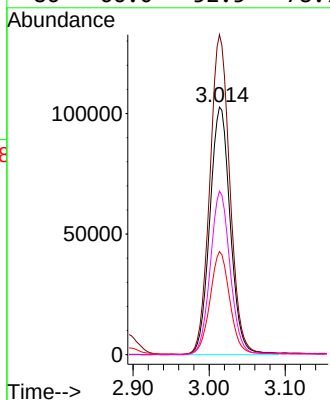
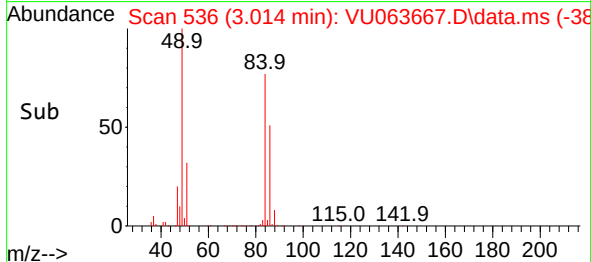
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



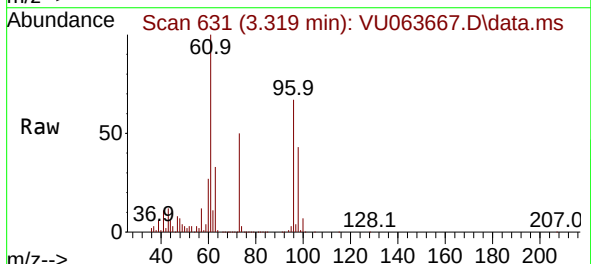
Tgt Ion:	84	Resp:	192168
Ion	Ratio	Lower	Upper
84	100		
49	129.0	103.4	155.0
51	41.4	0.0	81.6
86	66.0	52.5	78.7

Manual Integrations
APPROVED

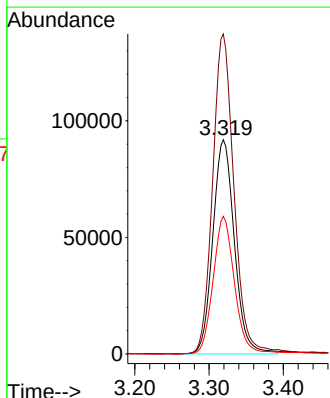
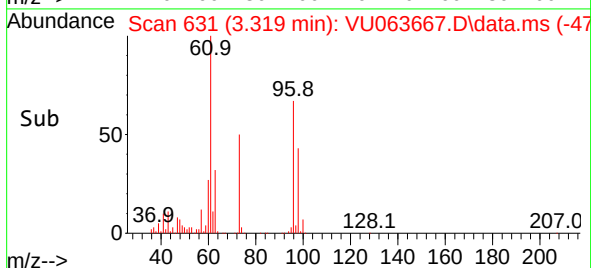
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

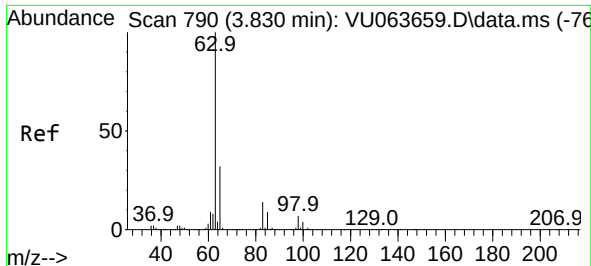


#16
trans-1,2-Dichloroethene
Concen: 10.461 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



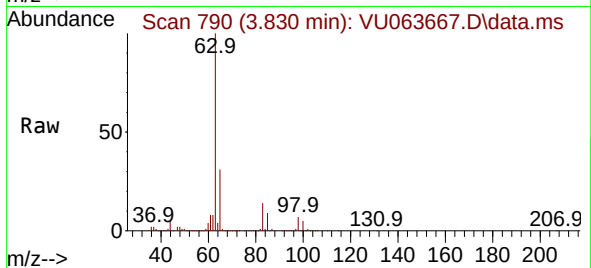
Tgt Ion:	96	Resp:	186024
Ion	Ratio	Lower	Upper
96	100		
61	149.3	117.4	176.2
98	64.2	49.9	74.9





#17
1,1-Dichloroethane
Concen: 10.421 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

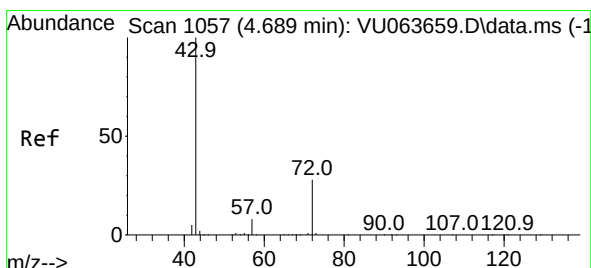
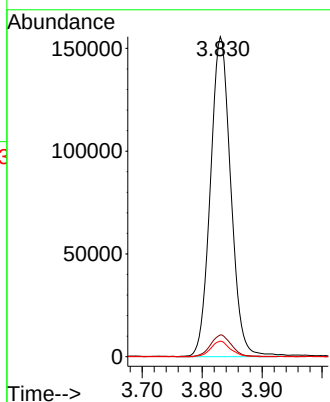
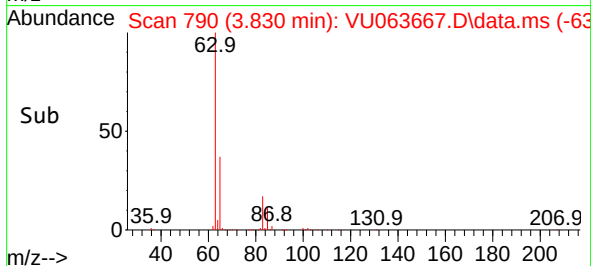
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



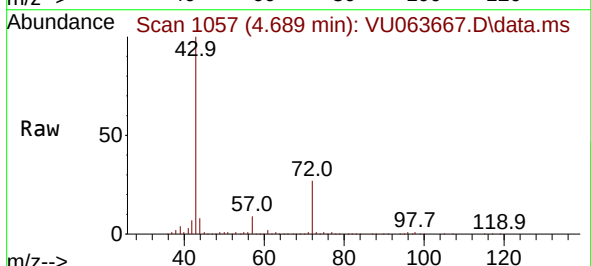
Tgt Ion: 63 Resp: 367049
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 4.8 2.2 6.6

Manual Integrations
APPROVED

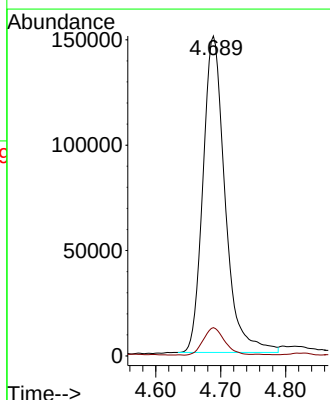
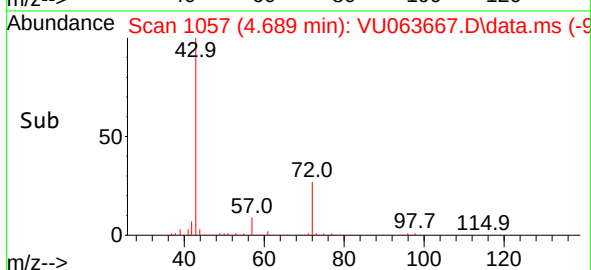
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

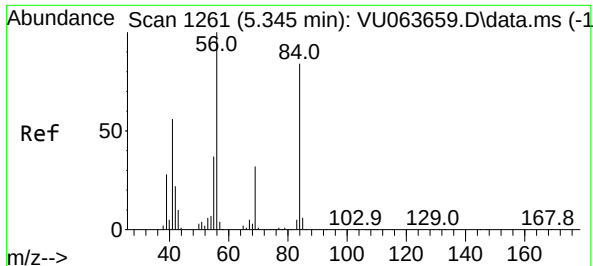


#18
2-Butanone
Concen: 47.648 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion: 43 Resp: 356103
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.6





#19

Cyclohexane

Concen: 10.618 ug/l

RT: 5.345 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU063667.D

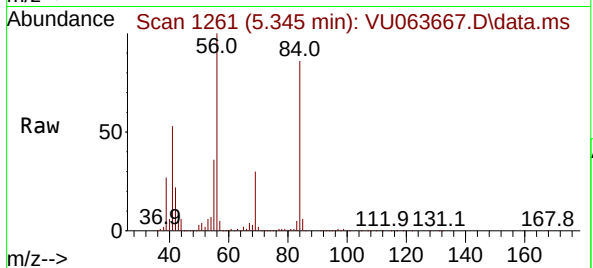
Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 56 Resp: 28580

Ion Ratio Lower Upper

56 100

69 33.4 27.1 40.7

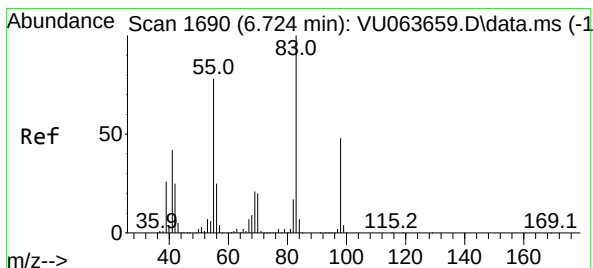
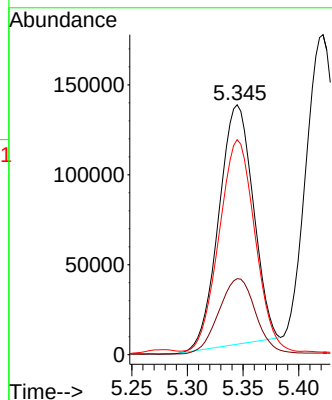
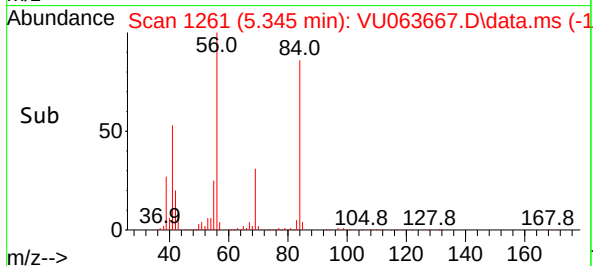
84 92.3 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 10.406 ug/l

RT: 6.724 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

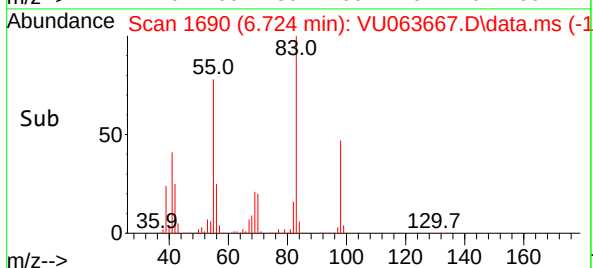
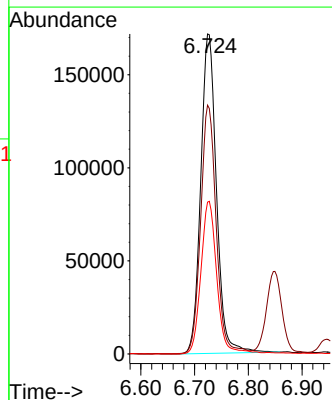
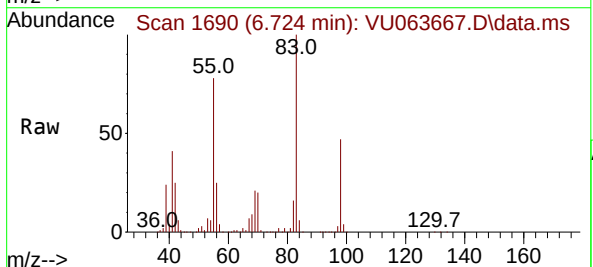
Tgt Ion: 83 Resp: 348663

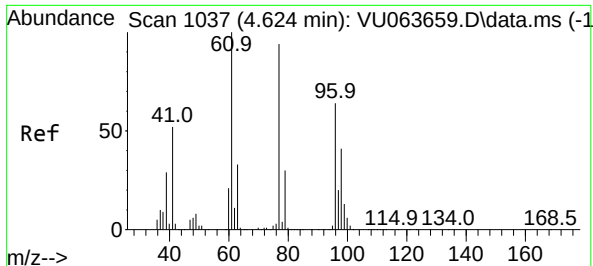
Ion Ratio Lower Upper

83 100

55 75.2 61.5 92.3

98 47.6 37.9 56.9





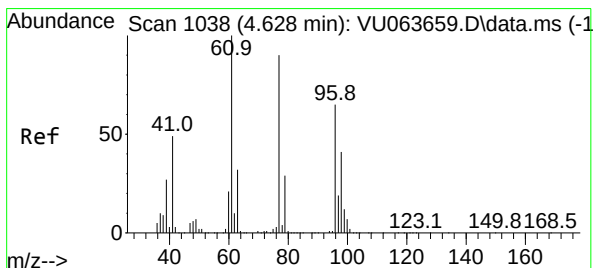
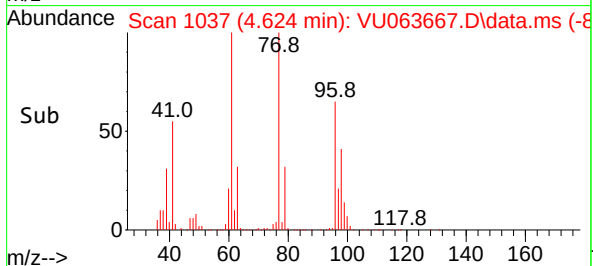
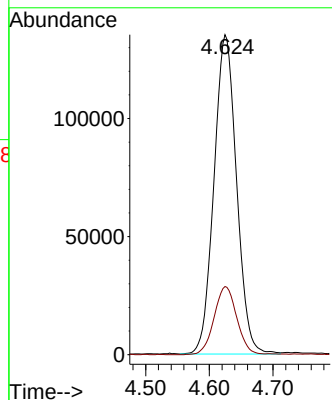
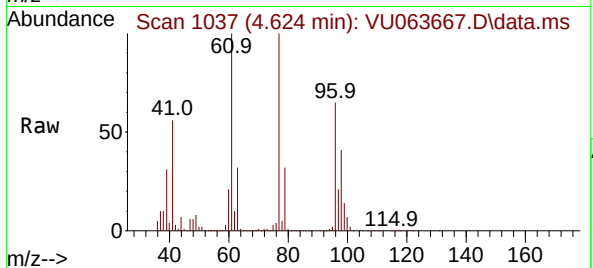
#21
2,2-Dichloropropane
Concen: 10.538 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 33304
Ion Ratio Lower Upper
77 100
97 21.5 17.1 25.7

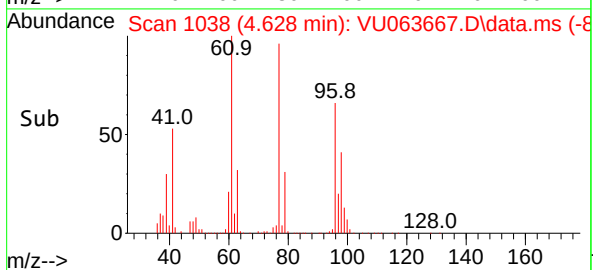
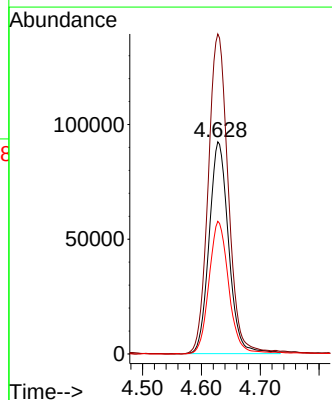
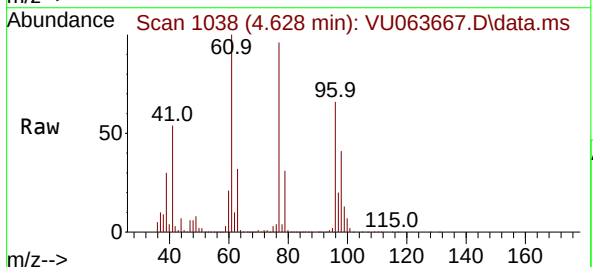
Manual Integrations
APPROVED

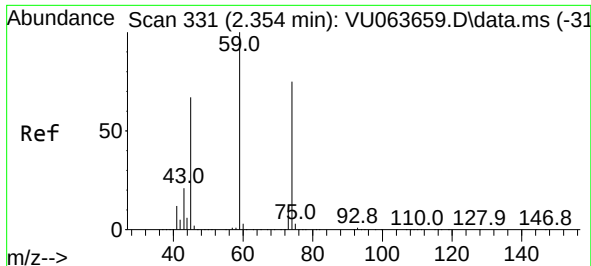
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
cis-1,2-Dichloroethene
Concen: 10.518 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

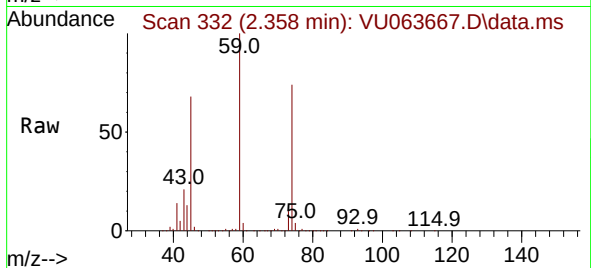
Tgt Ion: 96 Resp: 212964
Ion Ratio Lower Upper
96 100
61 154.5 0.0 385.0
98 63.2 31.3 93.9





#23
Diethyl Ether
Concen: 10.060 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

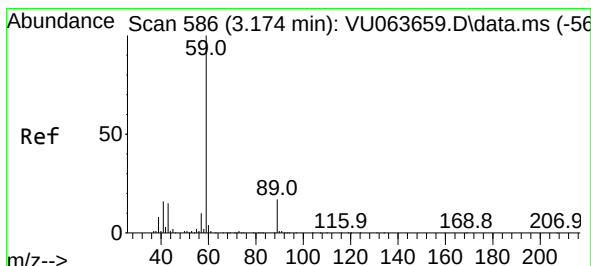
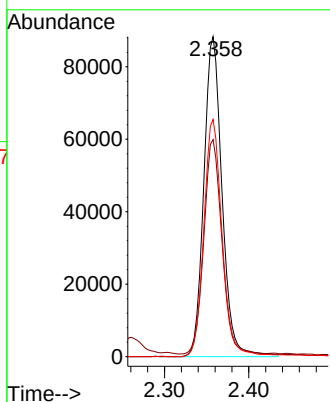
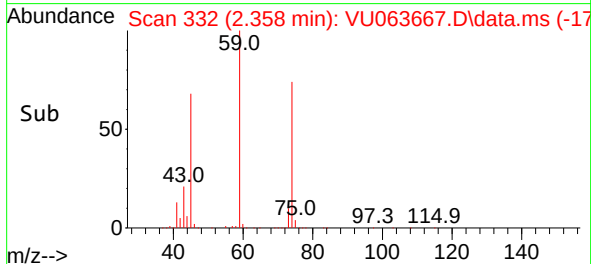
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



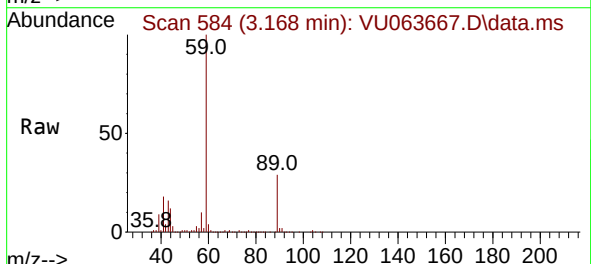
Tgt Ion: 59 Resp: 132929
Ion Ratio Lower Upper
59 100
45 66.4 52.6 78.8
74 74.5 59.4 89.2

Manual Integrations
APPROVED

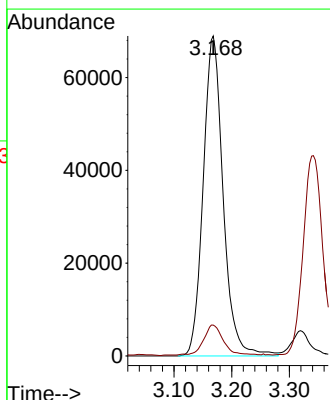
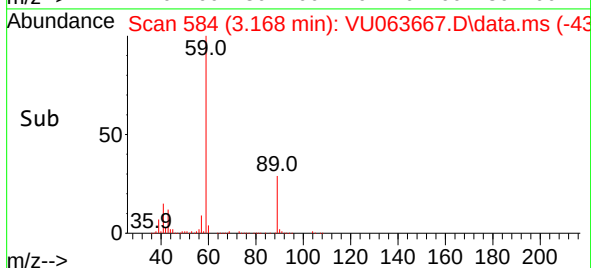
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

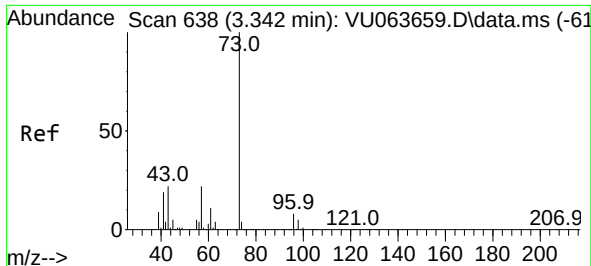


#24
tert-Butyl Alcohol
Concen: 72.705 ug/l
RT: 3.168 min Scan# 584
Delta R.T. -0.006 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



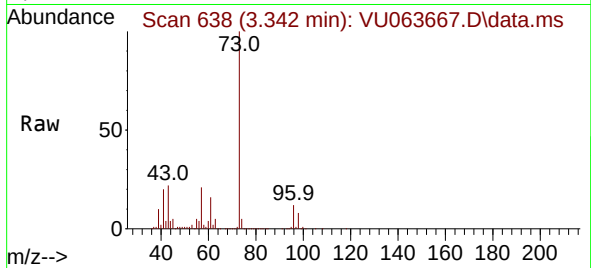
Tgt Ion: 59 Resp: 165589
Ion Ratio Lower Upper
59 100
57 8.8 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 9.808 ug/l
RT: 3.342 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

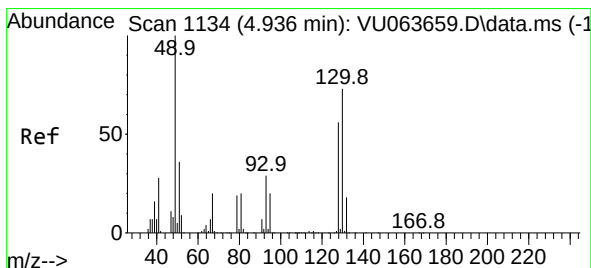
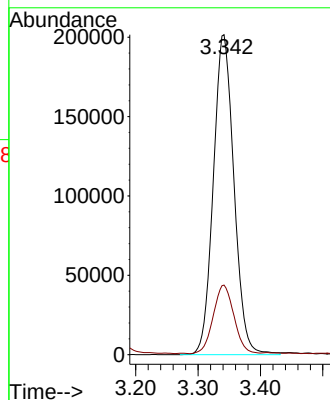
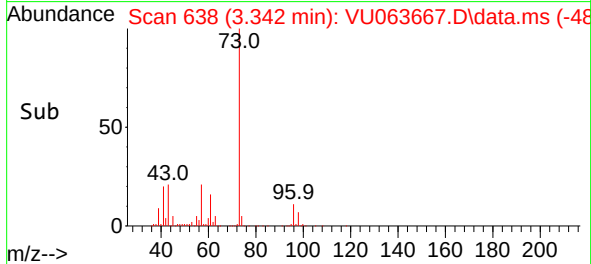
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 46347
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0

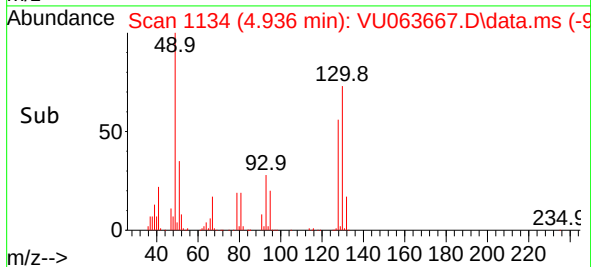
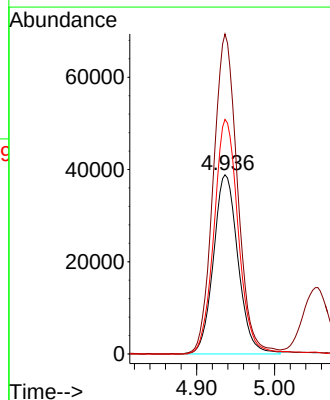
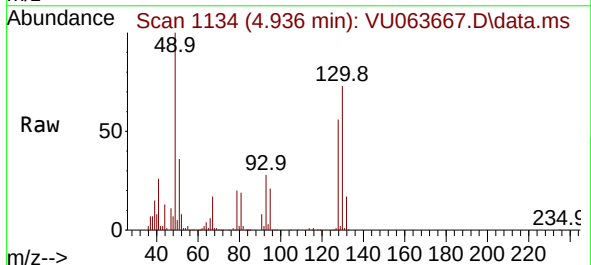
Manual Integrations
APPROVED

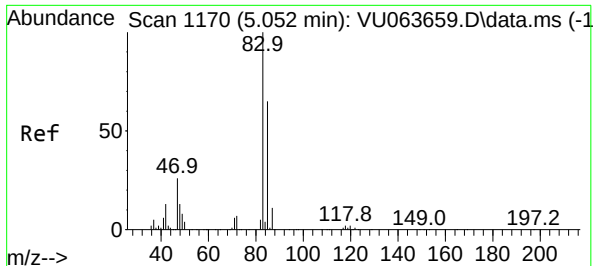
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 9.969 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Tgt Ion:128 Resp: 85136
Ion Ratio Lower Upper
128 100
49 176.1 0.0 349.6
130 130.1 102.7 154.1





#27

Chloroform

Concen: 10.521 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 379192

Ion Ratio Lower Upper

83 100

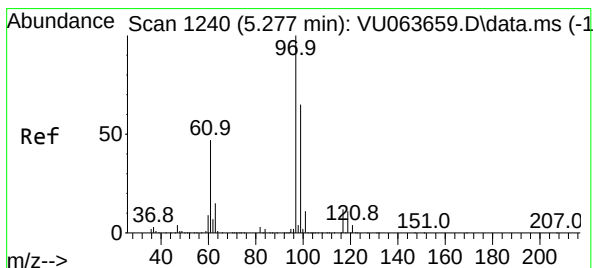
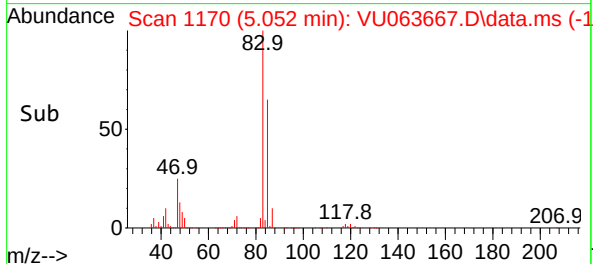
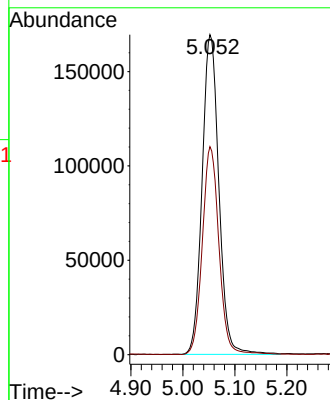
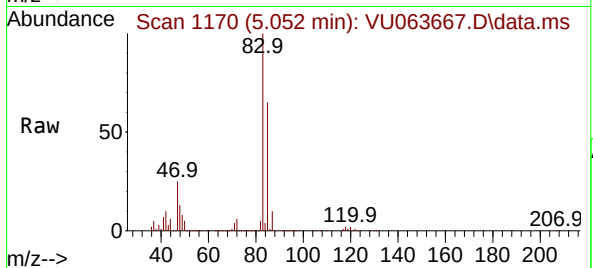
85 65.0 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#28

1,1,1-Trichloroethane

Concen: 10.473 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

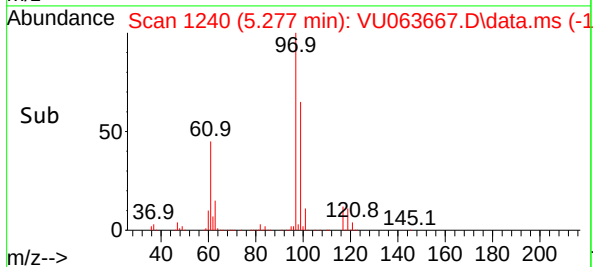
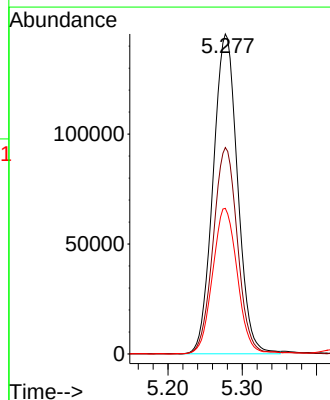
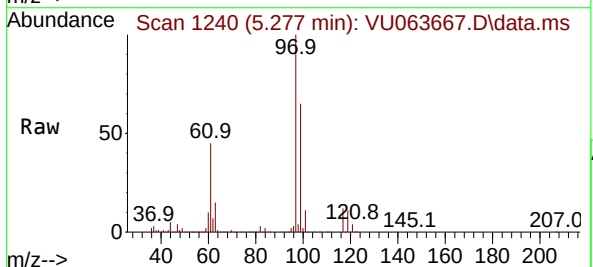
Tgt Ion: 97 Resp: 332864

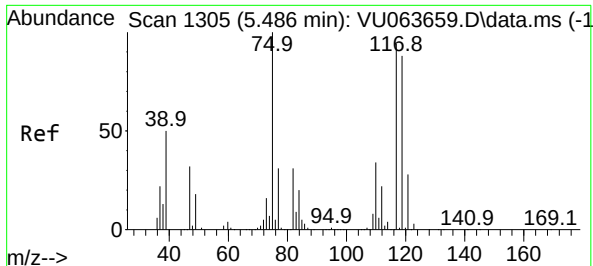
Ion Ratio Lower Upper

97 100

99 64.1 32.3 96.8

61 45.8 23.3 69.8





#29

1,1-Dichloropropene

Concen: 10.645 ug/l

RT: 5.486 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 28403

Ion Ratio Lower Upper

75 100

110 33.8 17.2 51.5

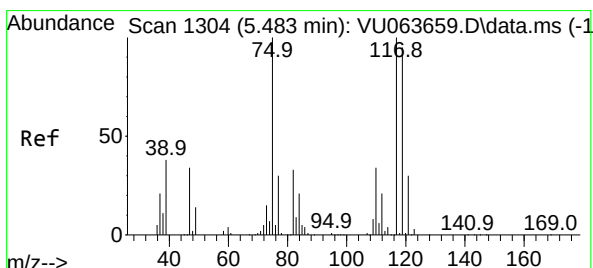
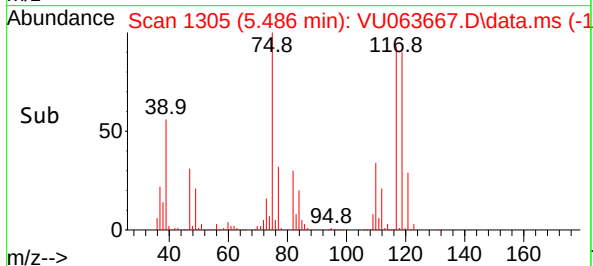
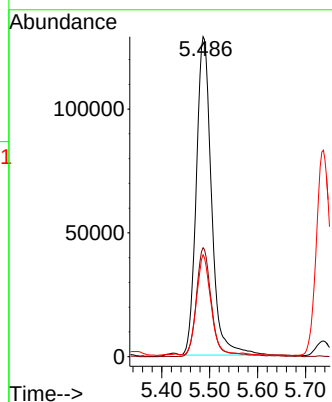
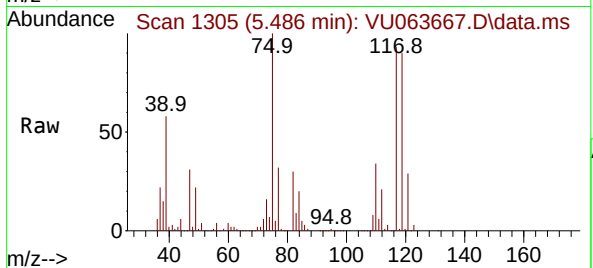
77 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Carbon Tetrachloride

Concen: 10.910 ug/l

RT: 5.483 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

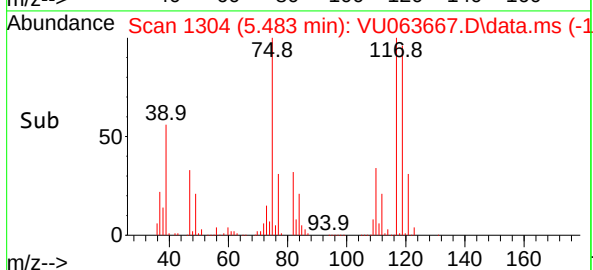
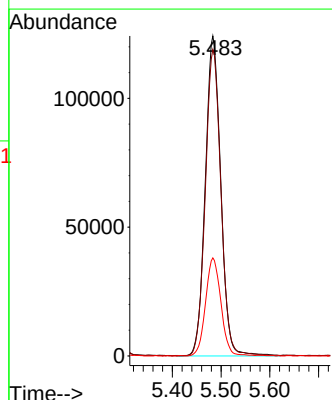
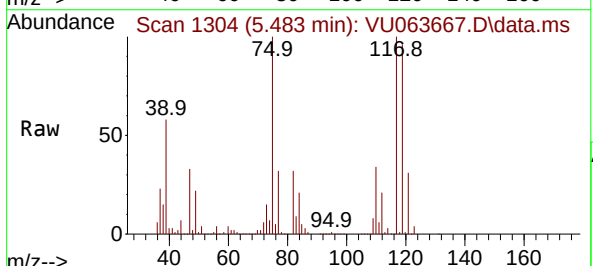
Tgt Ion:117 Resp: 274487

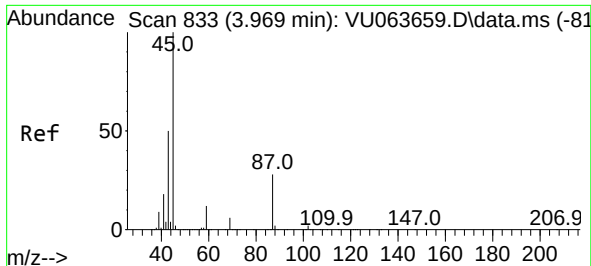
Ion Ratio Lower Upper

117 100

119 95.6 75.7 113.5

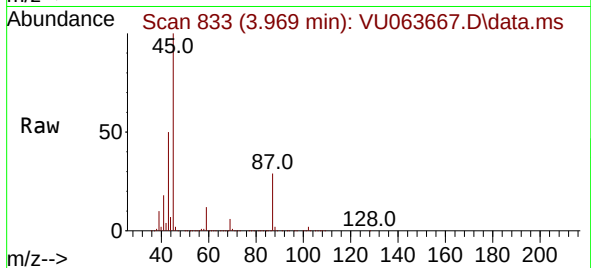
121 30.6 23.8 35.6





#31
Isopropyl Ether
Concen: 10.135 ug/l
RT: 3.969 min Scan# 811
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

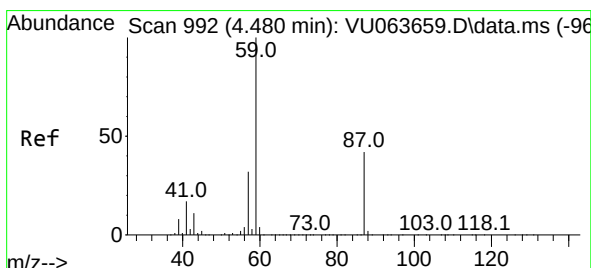
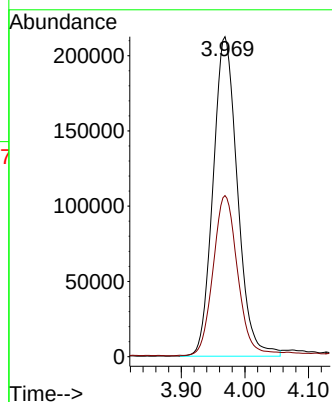
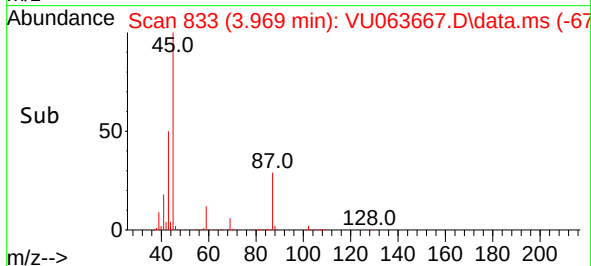
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



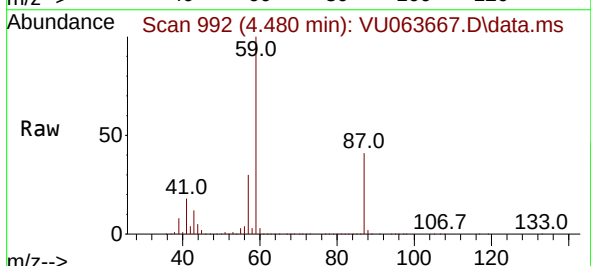
Tgt Ion: 45 Resp: 56559
Ion Ratio Lower Upper
45 100
43 50.2 25.3 75.9

Manual Integrations
APPROVED

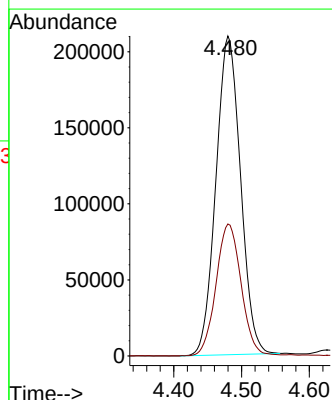
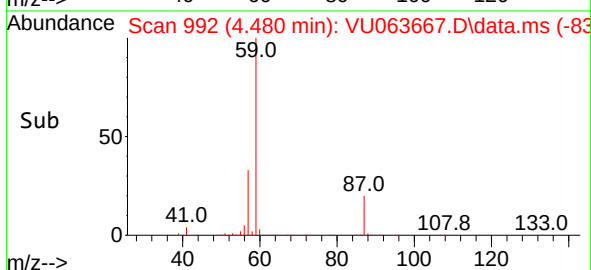
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

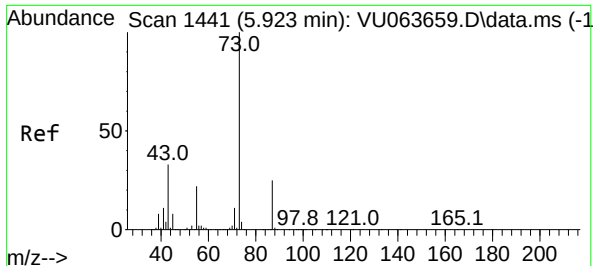


#32
Ethyl-t-butyl ether
Concen: 9.829 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



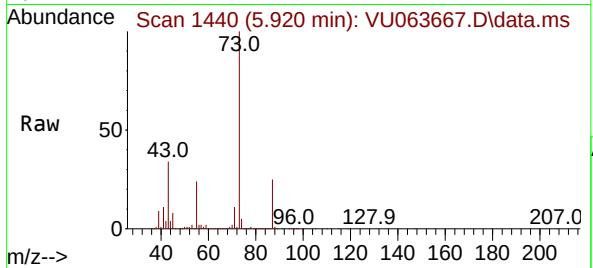
Tgt Ion: 59 Resp: 528427
Ion Ratio Lower Upper
59 100
87 41.6 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 9.998 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

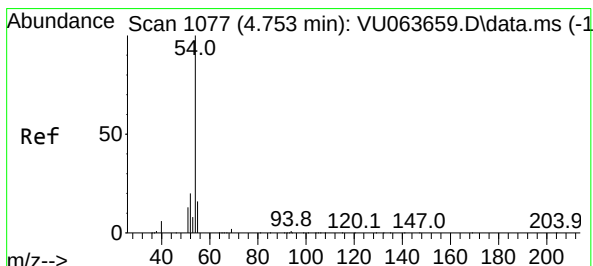
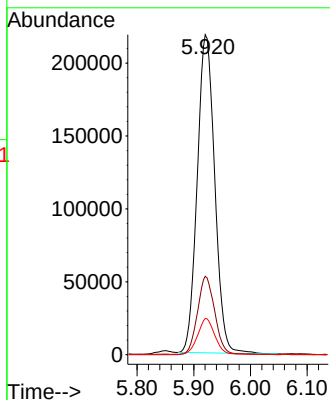
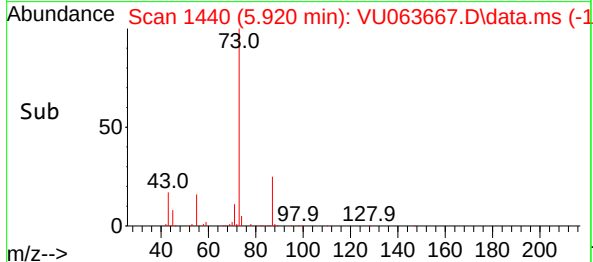
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



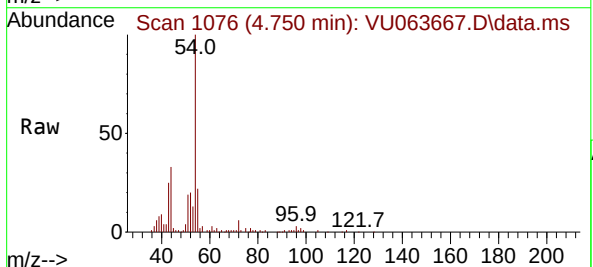
Tgt Ion: 73 Resp: 468030
Ion Ratio Lower Upper
73 100
87 24.2 20.0 30.0
71 10.7 9.0 13.4

Manual Integrations
APPROVED

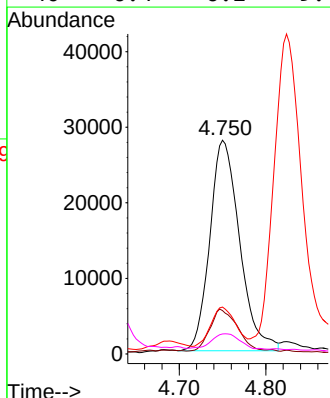
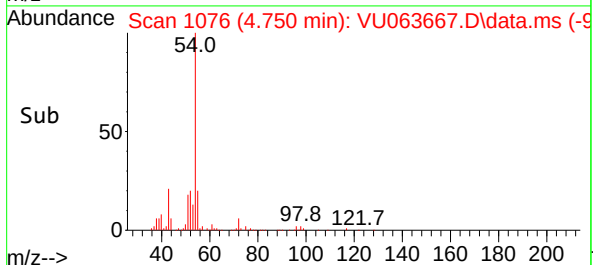
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

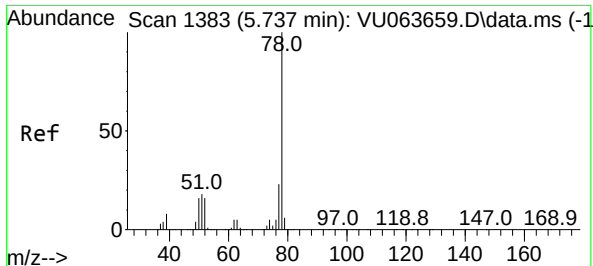


#34
Propionitrile
Concen: 45.605 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



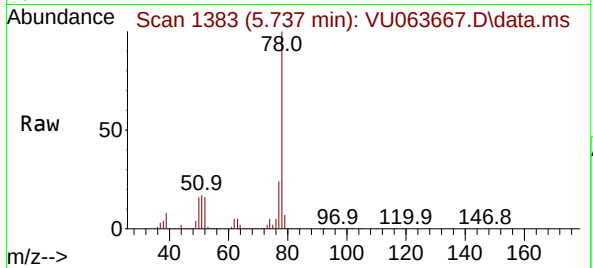
Tgt Ion: 54 Resp: 66604
Ion Ratio Lower Upper
54 100
52 17.9 15.8 23.6
55 16.7 11.3 16.9
40 6.4 6.2 9.4





#35
Benzene
Concen: 10.441 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

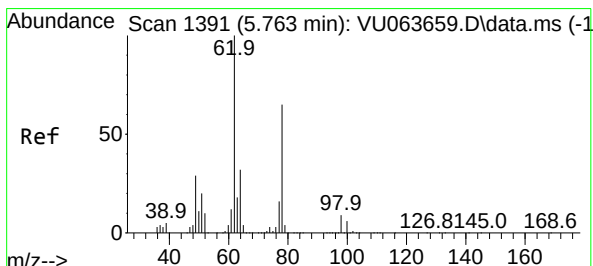
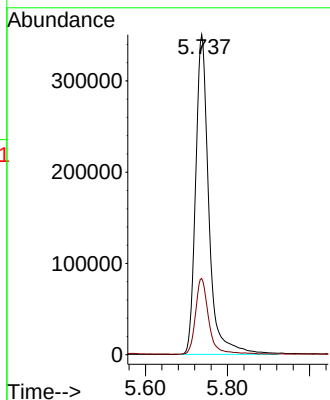
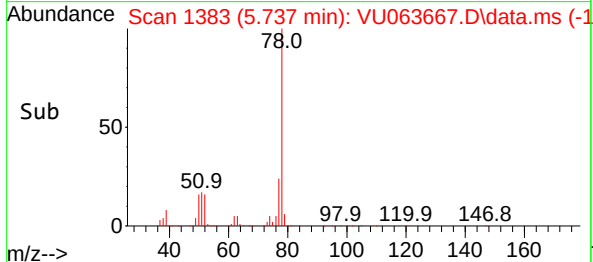
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



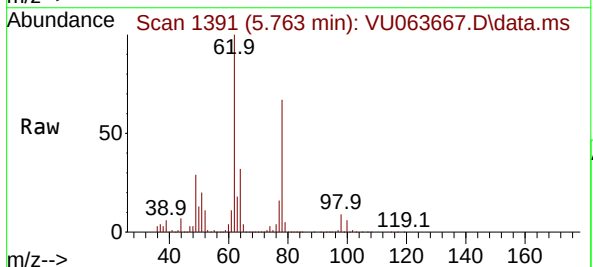
Tgt Ion: 78 Resp: 78519
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5

Manual Integrations
APPROVED

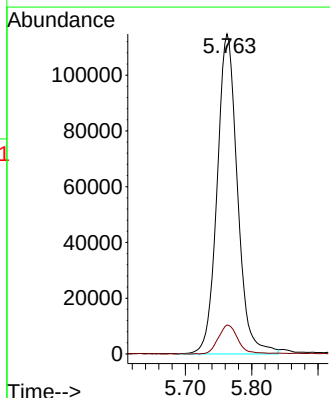
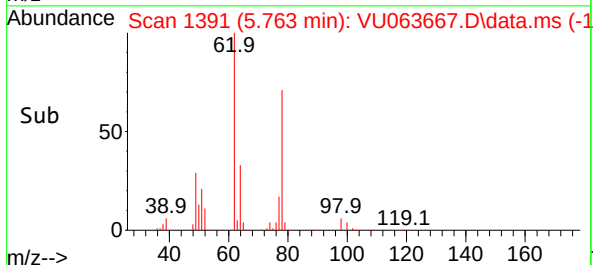
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

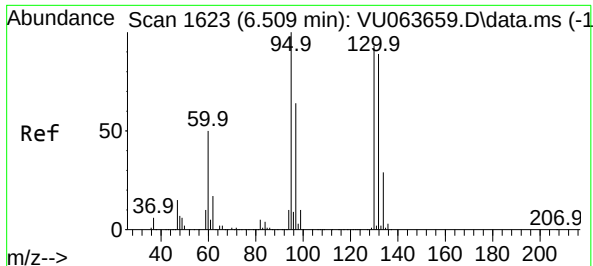


#36
1,2-Dichloroethane
Concen: 10.144 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion: 62 Resp: 244972
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2





#37

Trichloroethene

Concen: 10.835 ug/l

RT: 6.509 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 23224

Ion Ratio Lower Upper

130 100

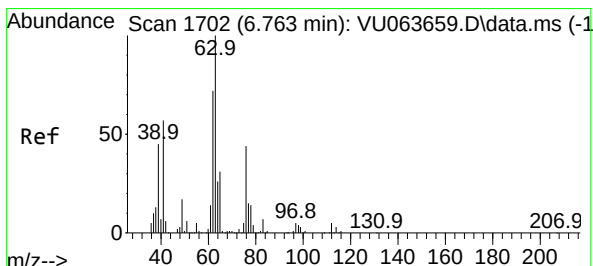
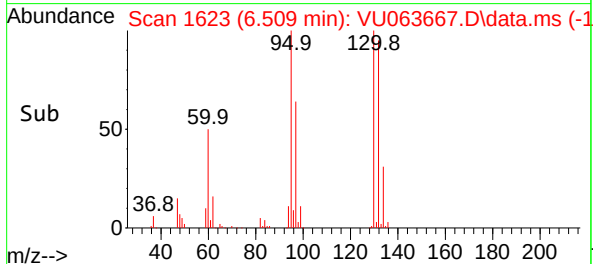
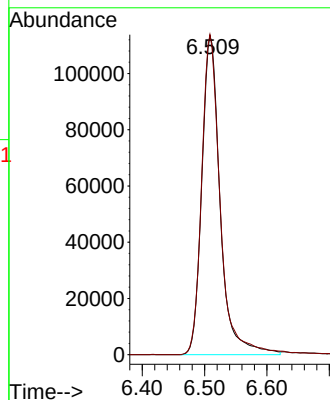
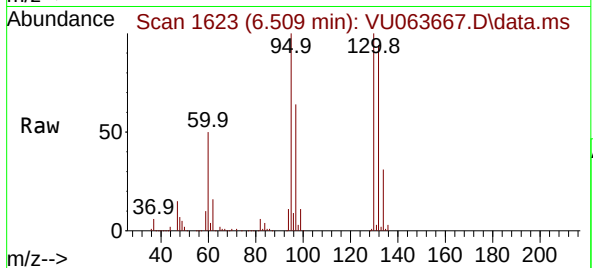
95 100.3 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 10.277 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063667.D

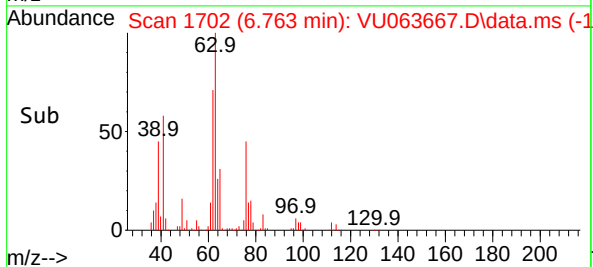
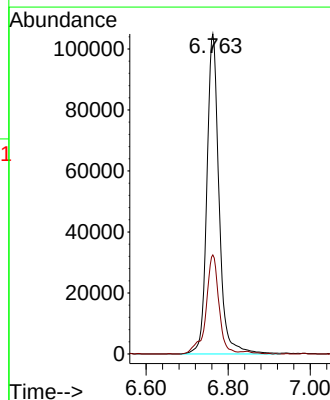
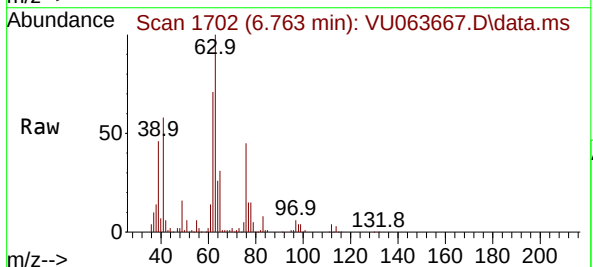
Acq: 05 Nov 2025 10:13

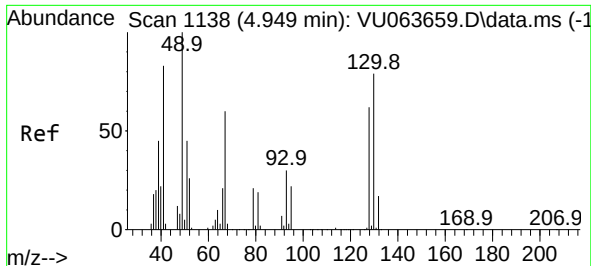
Tgt Ion: 63 Resp: 216303

Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7





#39

Methacrylonitrile

Concen: 8.704 ug/l

RT: 4.952 min Scan# 1139

Delta R.T. 0.003 min

Lab File: VU063667.D

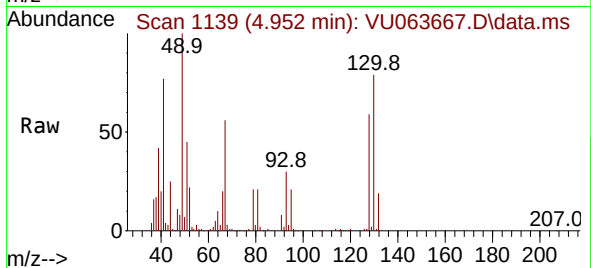
Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 41 Resp: 6327

Ion Ratio Lower Upper

41 100

67 72.7 61.4 92.2

39 55.6 46.5 69.7

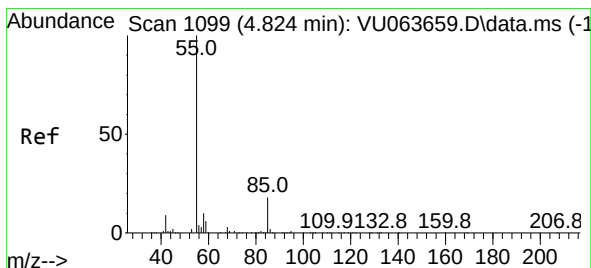
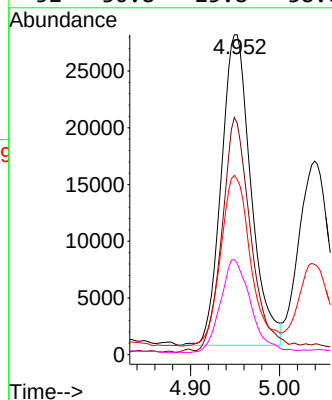
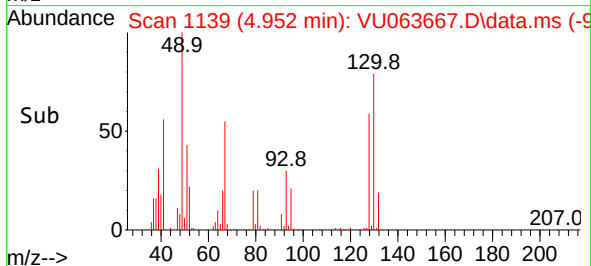
52 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 9.179 ug/l

RT: 4.824 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Tgt Ion: 55 Resp: 96894

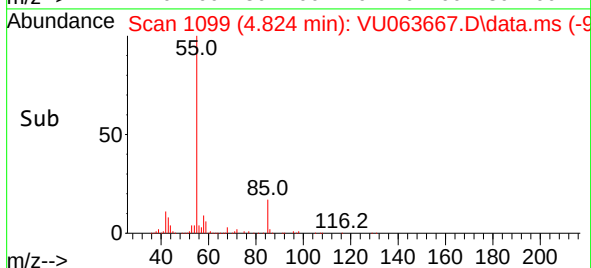
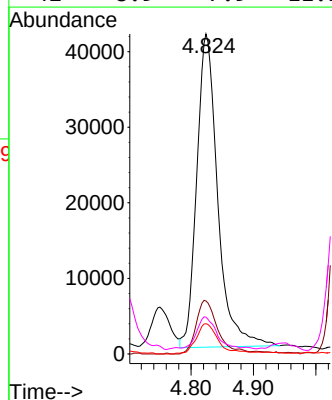
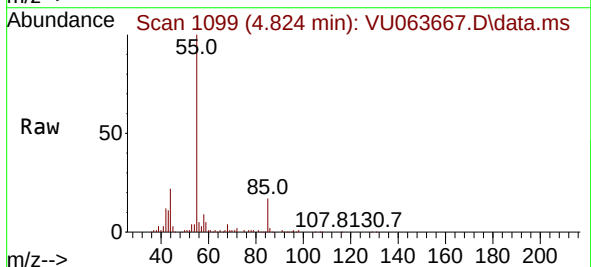
Ion Ratio Lower Upper

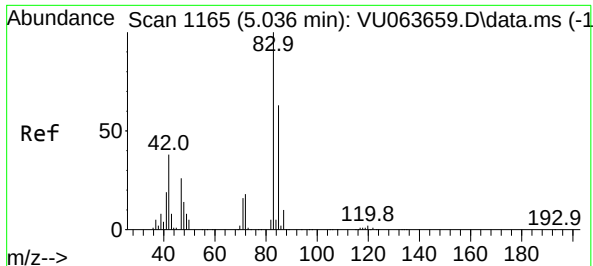
55 100

85 16.9 15.3 22.9

58 10.3 7.7 11.5

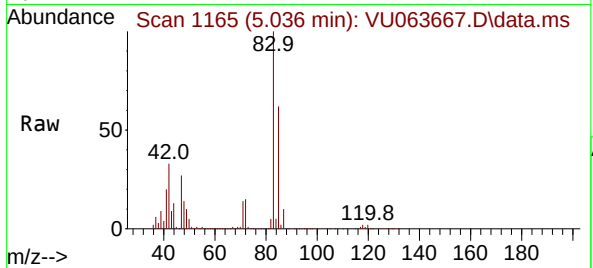
42 8.9 7.9 11.9





#41
Tetrahydrofuran
Concen: 18.879 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

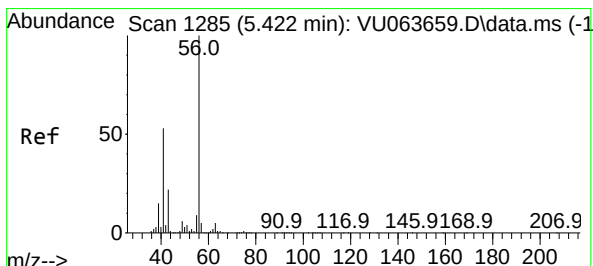
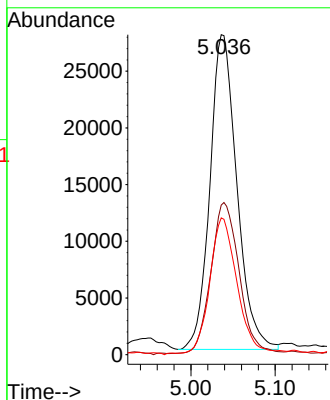
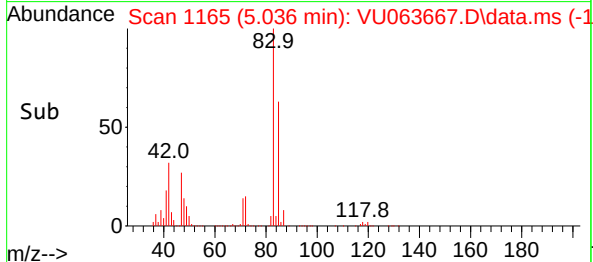
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



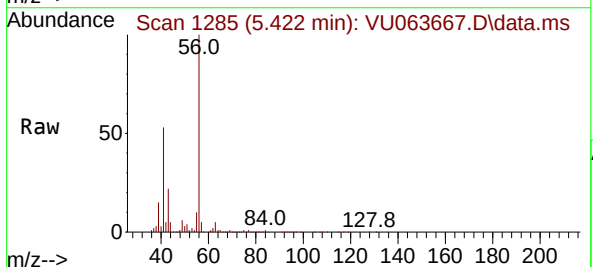
Tgt Ion: 42 Resp: 61754
Ion Ratio Lower Upper
42 100
72 50.0 40.5 60.7
71 43.0 35.0 52.6

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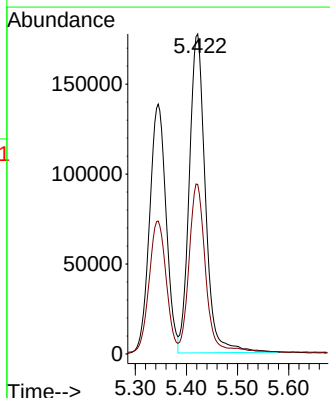
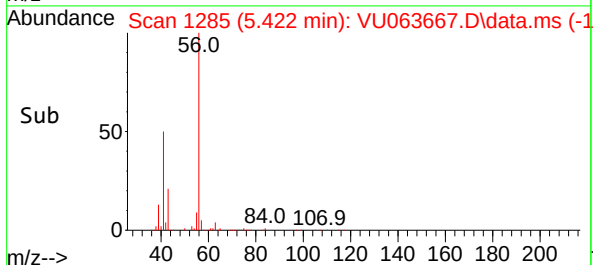
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

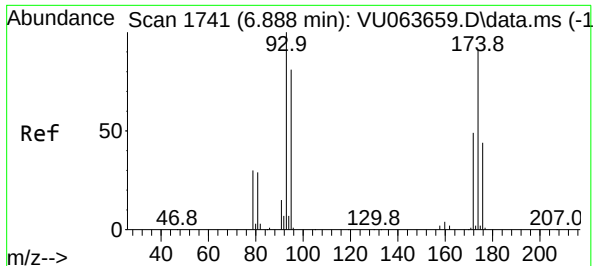


#42
1-Chlorobutane
Concen: 10.876 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



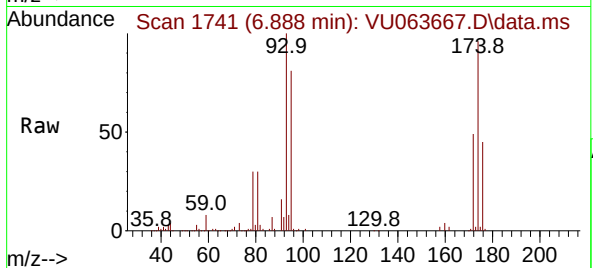
Tgt Ion: 56 Resp: 388888
Ion Ratio Lower Upper
56 100
41 50.1 25.9 77.6





#43
Dibromomethane
Concen: 9.970 ug/l
RT: 6.888 min Scan# 1741
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

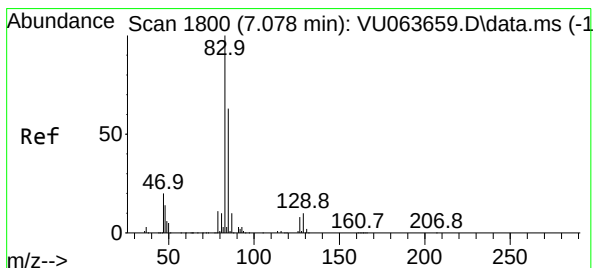
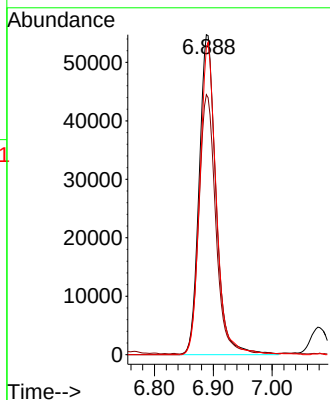
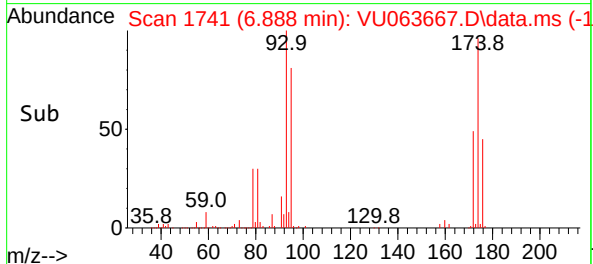
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



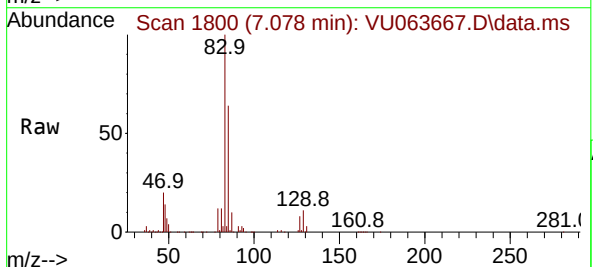
Tgt Ion: 93 Resp: 10855
Ion Ratio Lower Upper
93 100
95 81.2 64.6 97.0
174 94.9 73.8 110.8

Manual Integrations
APPROVED

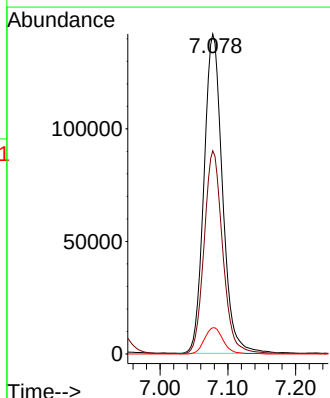
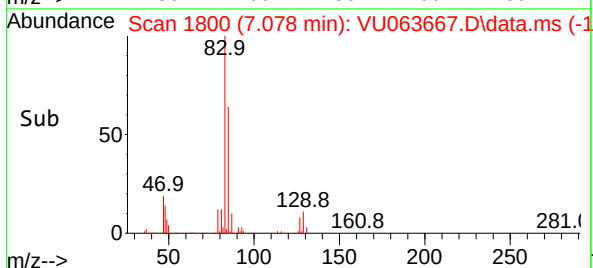
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

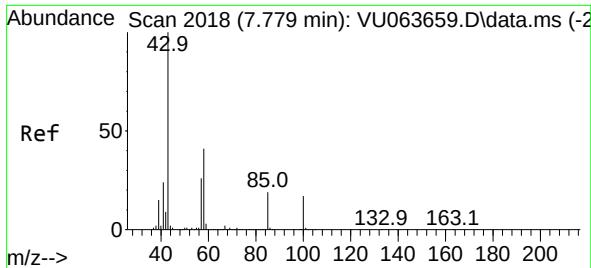


#44
Bromodichloromethane
Concen: 10.112 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion: 83 Resp: 269218
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 9.0 6.4 9.6





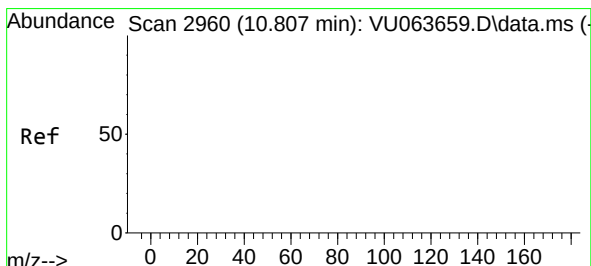
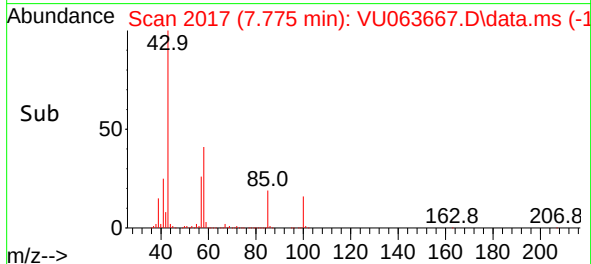
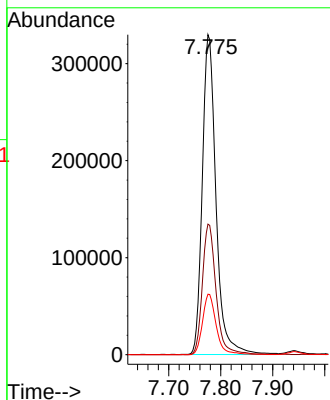
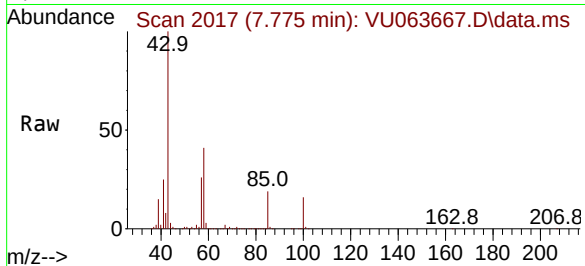
#45
4-Methyl-2-Pentanone
Concen: 46.023 ug/l
RT: 7.775 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 60425
Ion Ratio Lower Upper
43 100
58 40.7 20.2 60.5
85 18.9 15.0 22.6

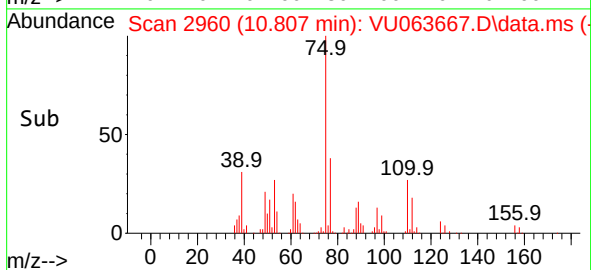
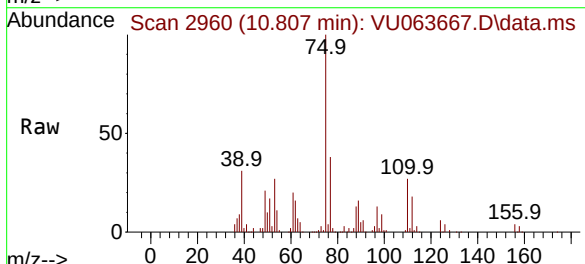
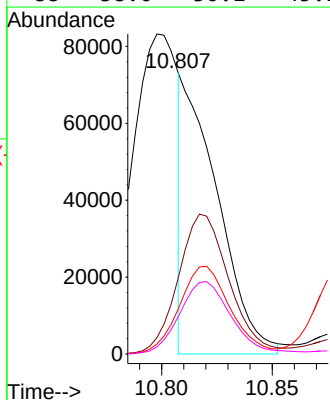
Manual Integrations
APPROVED

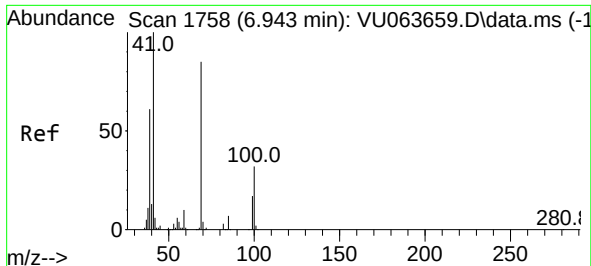
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 17.733 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

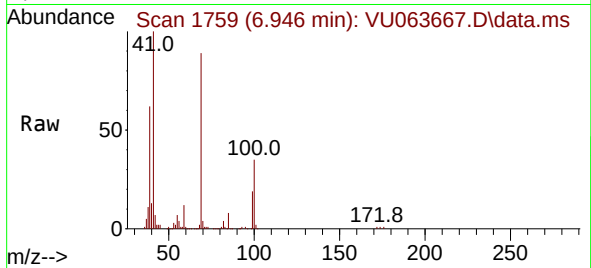
Tgt Ion: 75 Resp: 80759
Ion Ratio Lower Upper
75 100
53 72.3 57.2 85.8
89 45.4 37.9 56.9
88 38.0 30.1 45.1





#47
Methyl methacrylate
Concen: 18.993 ug/l
RT: 6.946 min Scan# 1758
Delta R.T. 0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

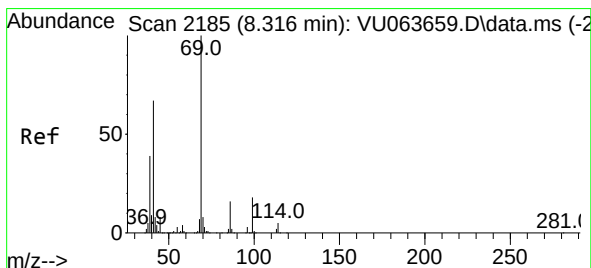
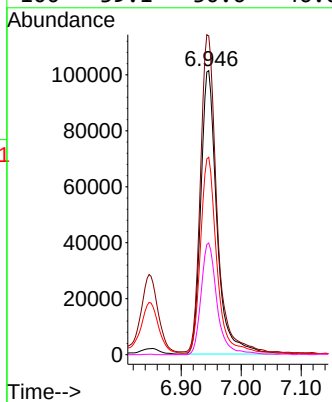
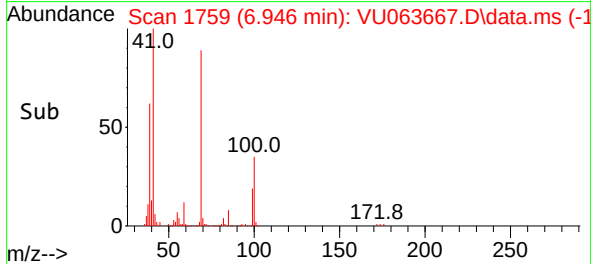
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 190270
Ion Ratio Lower Upper
69 100
41 112.3 0.0 228.2
39 68.8 56.2 84.4
100 39.1 30.6 46.0

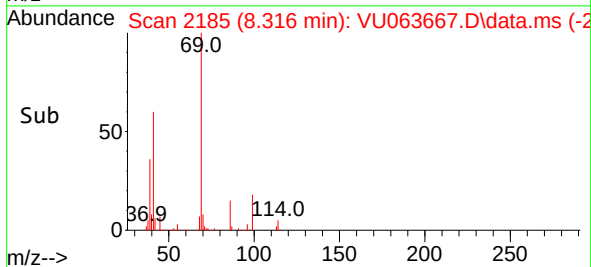
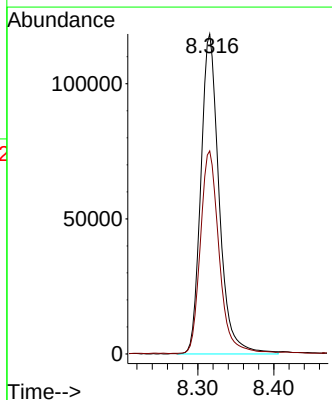
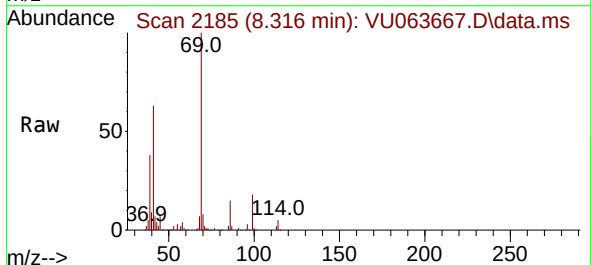
Manual Integrations
APPROVED

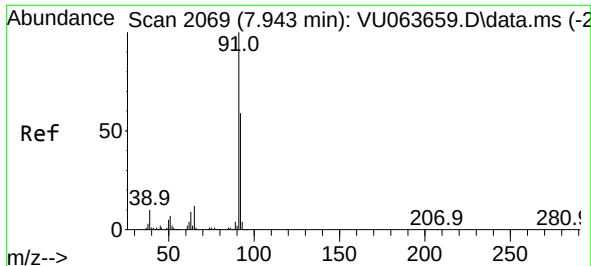
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 9.693 ug/l
RT: 8.316 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Tgt Ion: 69 Resp: 197480
Ion Ratio Lower Upper
69 100
41 64.8 32.8 98.3





#49

Toluene

Concen: 10.423 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 52864

Ion Ratio Lower Upper

92 100

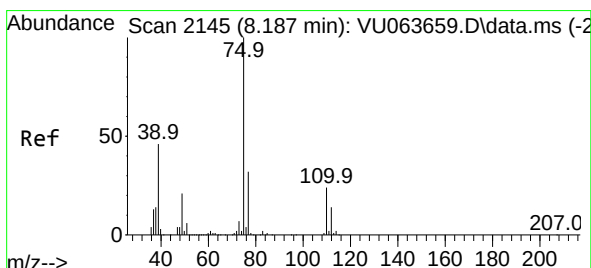
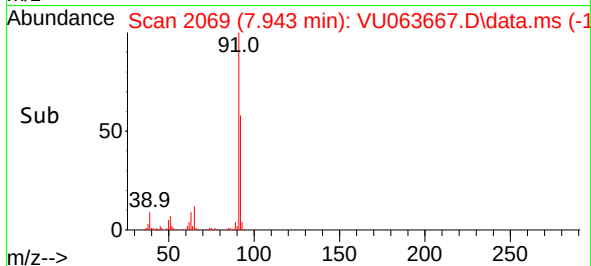
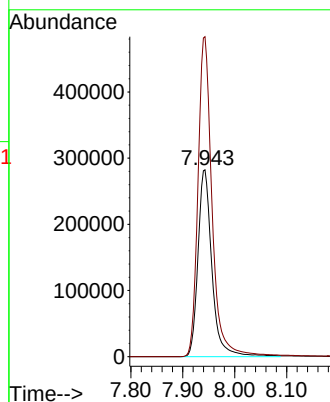
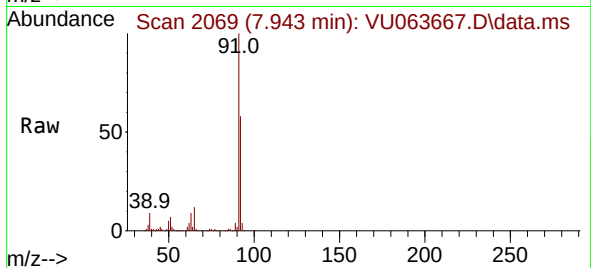
91 172.4 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

t-1,3-Dichloropropene

Concen: 9.483 ug/l

RT: 8.187 min Scan# 2145

Delta R.T. -0.000 min

Lab File: VU063667.D

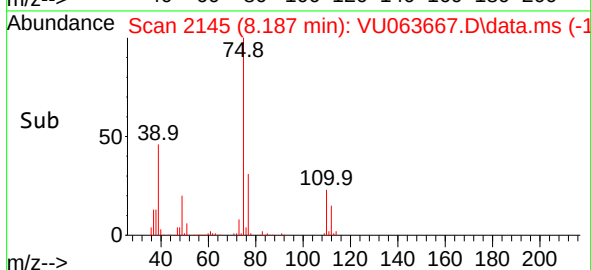
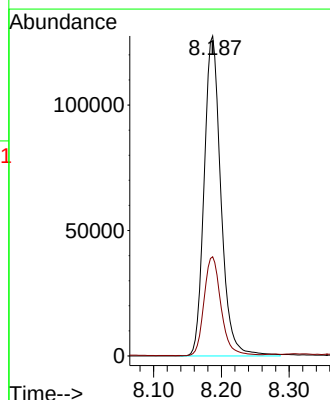
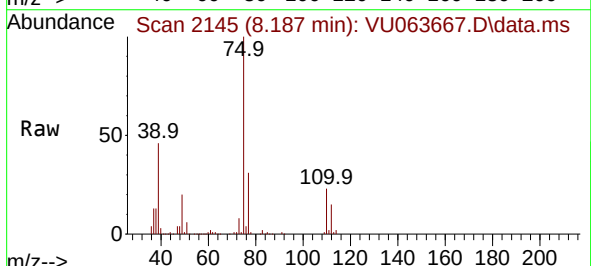
Acq: 05 Nov 2025 10:13

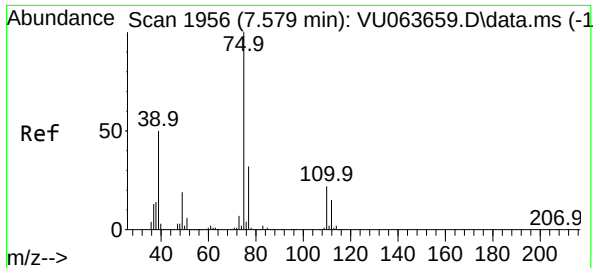
Tgt Ion: 75 Resp: 219424

Ion Ratio Lower Upper

75 100

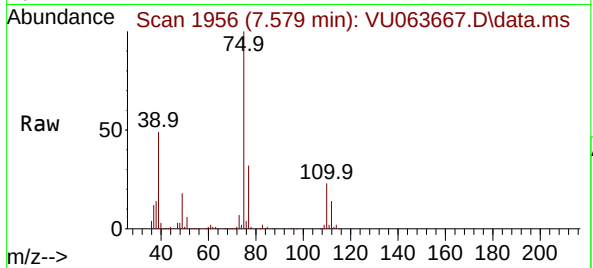
77 30.8 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 9.879 ug/l
 RT: 7.579 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

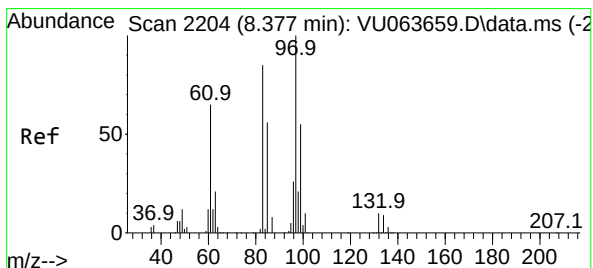
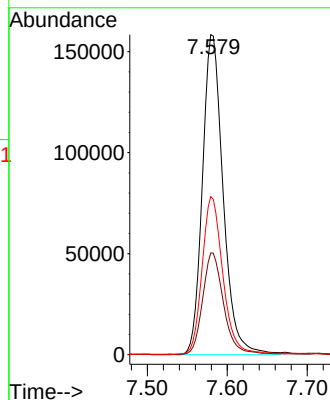
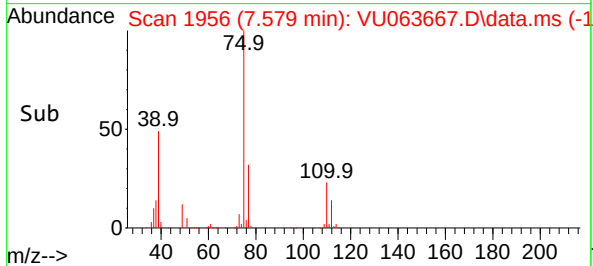
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 285900
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 49.2 39.9 59.9

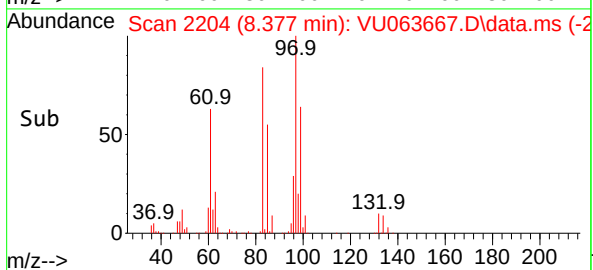
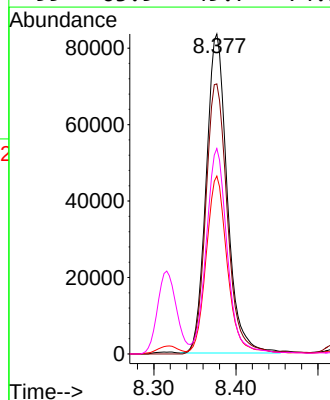
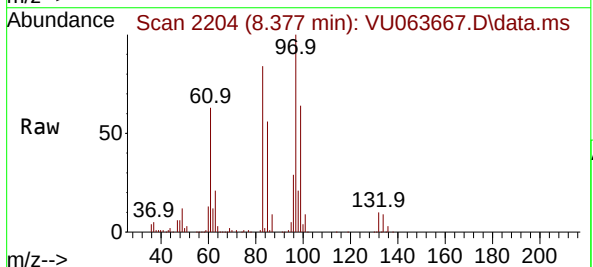
Manual Integrations
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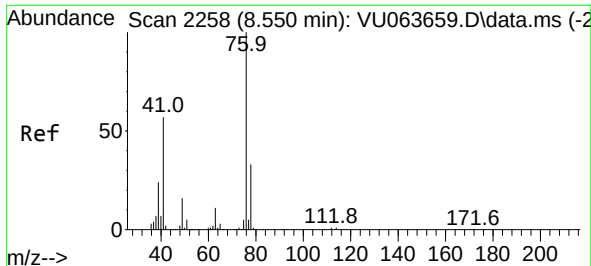
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.048 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

Tgt Ion: 97 Resp: 148726
 Ion Ratio Lower Upper
 97 100
 83 84.7 68.3 102.5
 85 55.3 45.3 67.9
 99 63.9 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.765 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 258190

Ion Ratio Lower Upper

76 100

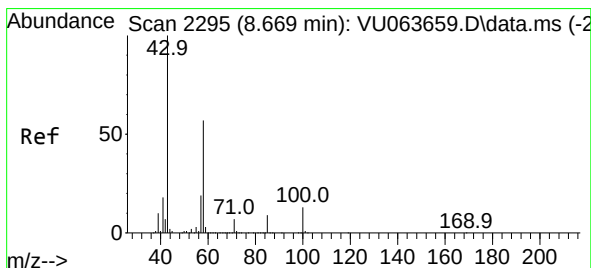
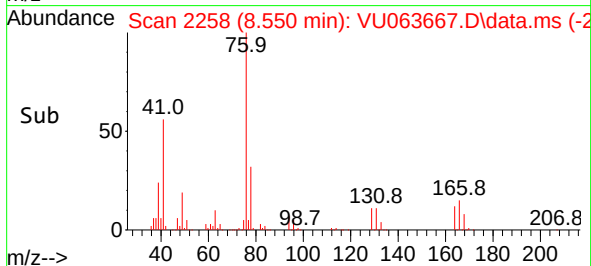
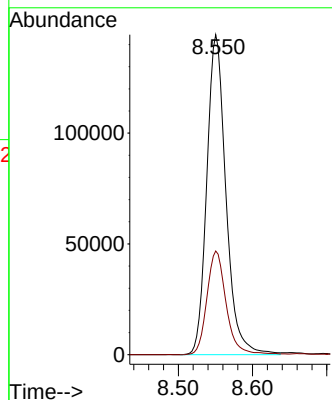
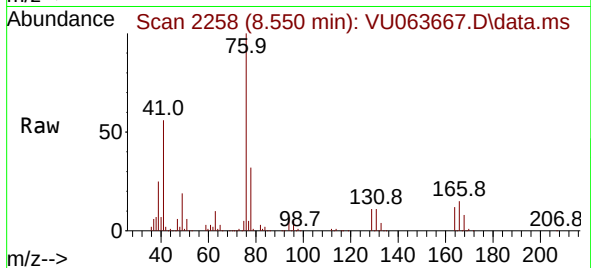
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 46.848 ug/l

RT: 8.666 min Scan# 2294

Delta R.T. -0.003 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

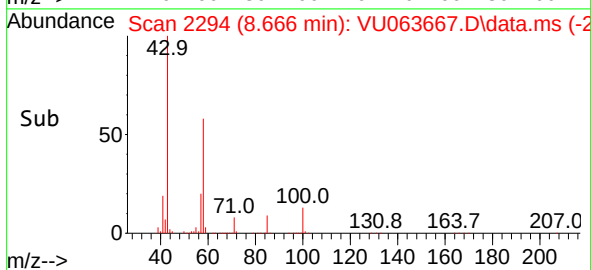
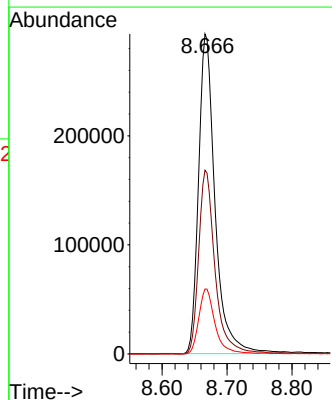
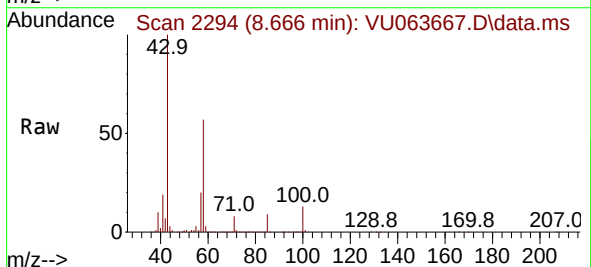
Tgt Ion: 43 Resp: 519298

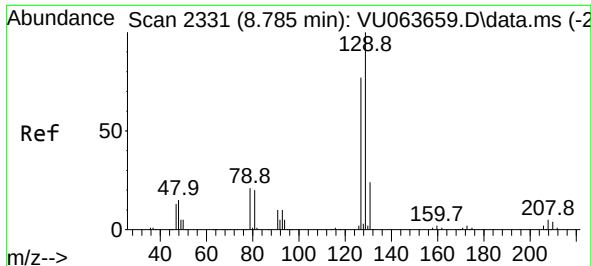
Ion Ratio Lower Upper

43 100

58 57.0 36.3 76.3

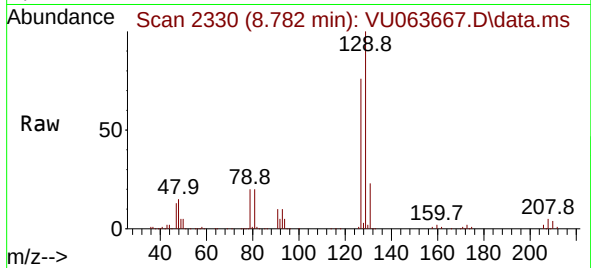
57 20.1 0.0 39.7





#55
Dibromochloromethane
Concen: 10.068 ug/l
RT: 8.782 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

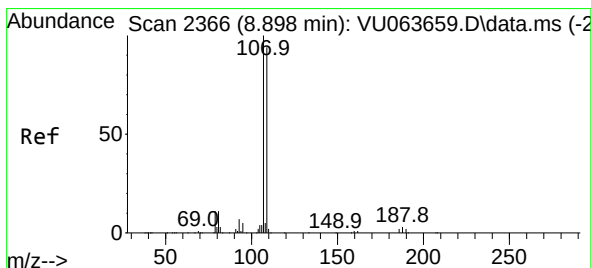
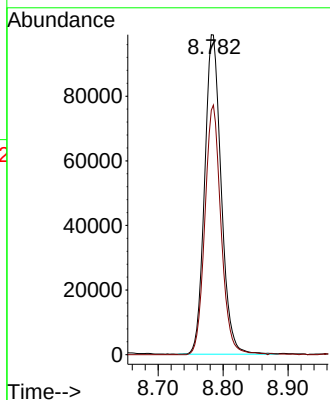
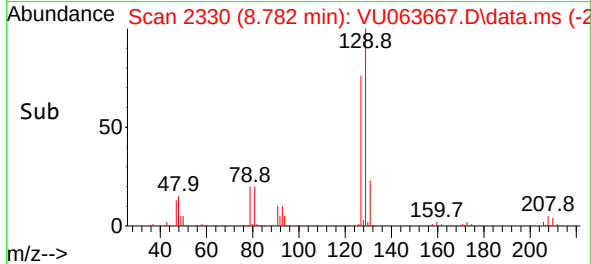
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 17547
Ion Ratio Lower Upper
129 100
127 76.4 61.4 92.0

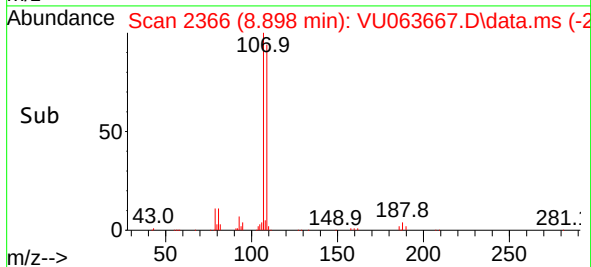
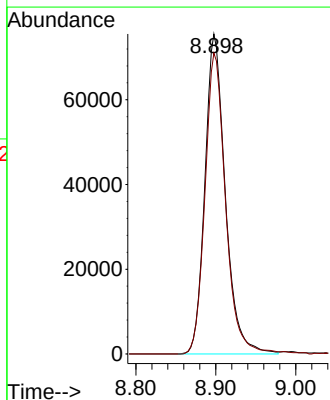
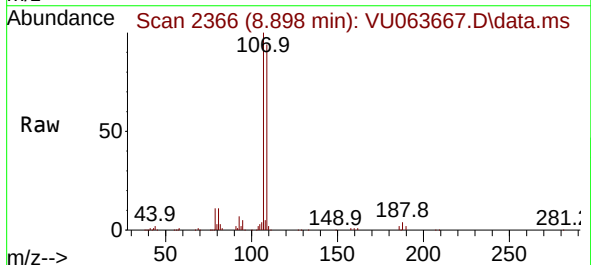
Manual Integrations
APPROVED

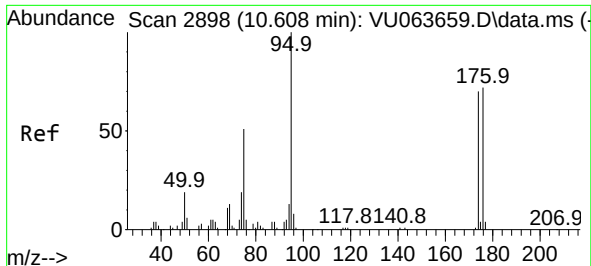
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
1,2-Dibromoethane
Concen: 9.517 ug/l
RT: 8.898 min Scan# 2366
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

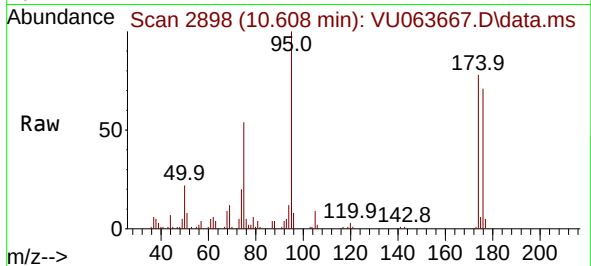
Tgt Ion:107 Resp: 134048
Ion Ratio Lower Upper
107 100
109 95.0 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.148 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

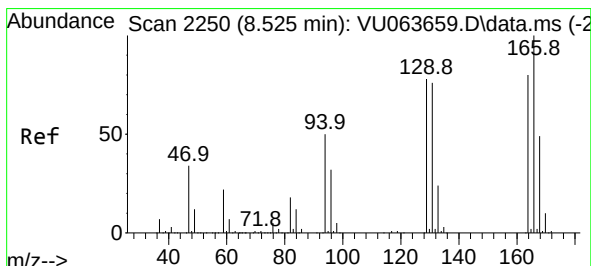
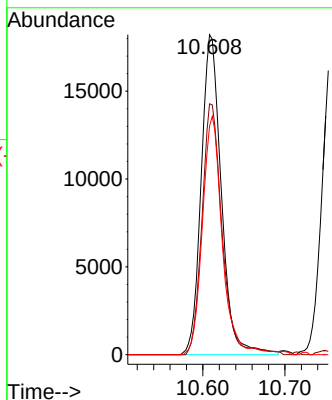
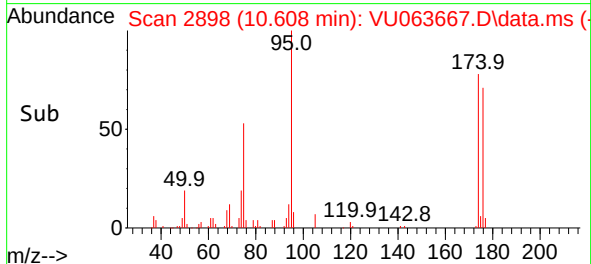
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 31050
Ion Ratio Lower Upper
95 100
174 78.5 59.9 89.9
176 71.9 58.8 88.2

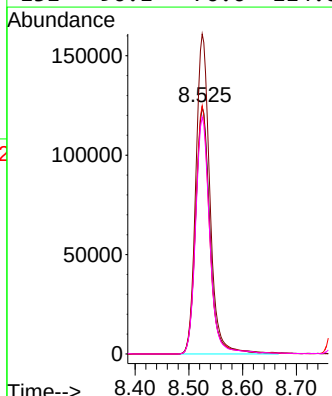
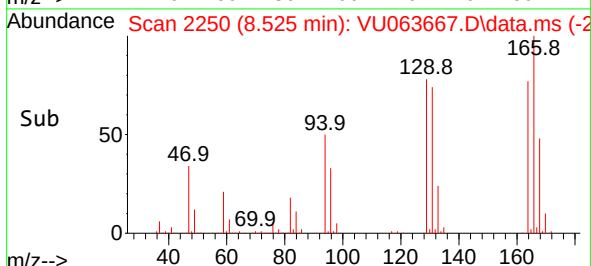
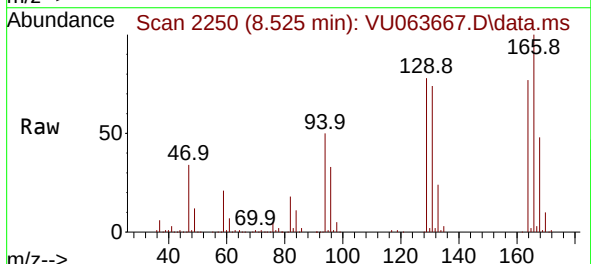
Manual Integrations
APPROVED

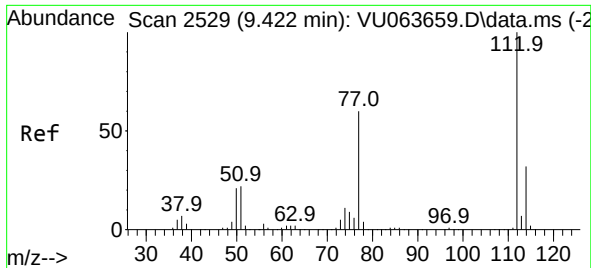
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 10.927 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

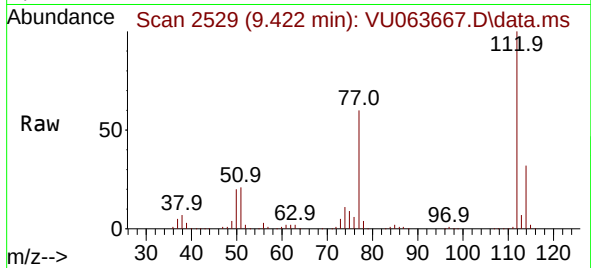
Tgt Ion:164 Resp: 229100
Ion Ratio Lower Upper
164 100
166 129.7 100.1 150.1
129 100.6 77.6 116.4
131 96.1 76.6 114.8





#59
Chlorobenzene
Concen: 10.486 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

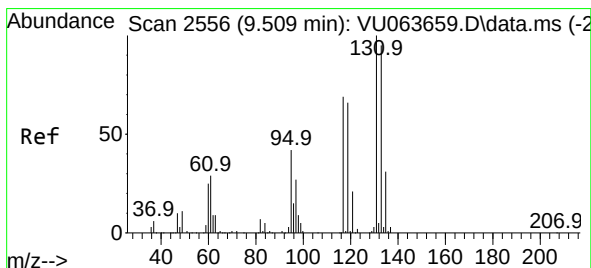
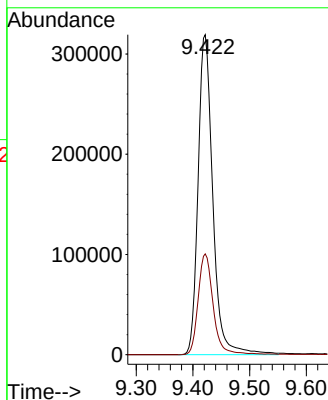
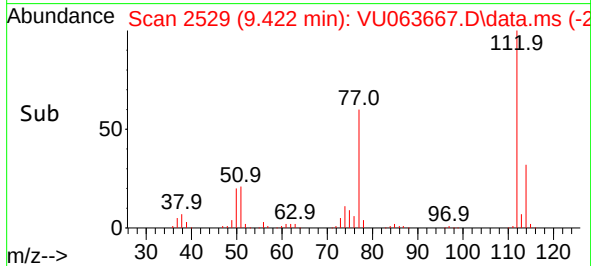
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



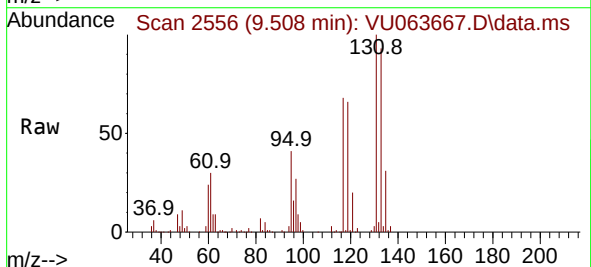
Tgt Ion:112 Resp: 57677
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

Manual Integrations
APPROVED

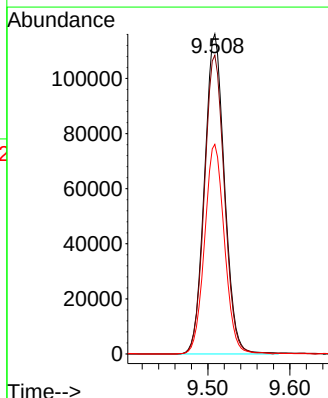
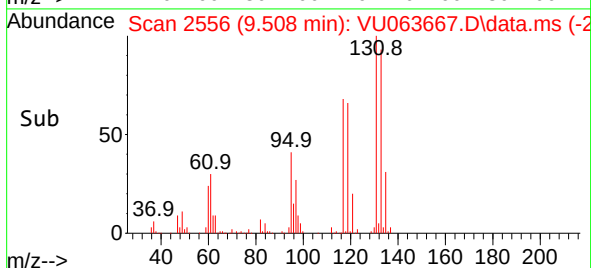
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

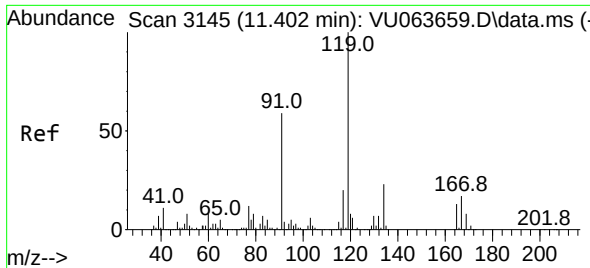


#60
1,1,1,2-Tetrachloroethane
Concen: 10.194 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



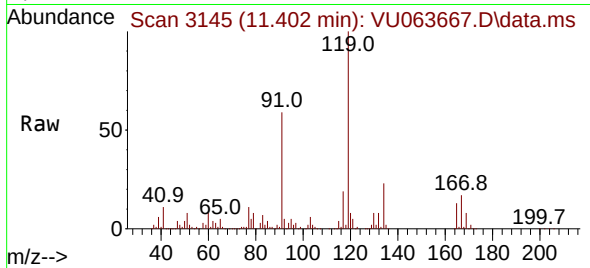
Tgt Ion:131 Resp: 196315
Ion Ratio Lower Upper
131 100
133 94.0 77.0 115.6
119 65.1 52.8 79.2





#61
Pentachloroethane
Concen: 9.630 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

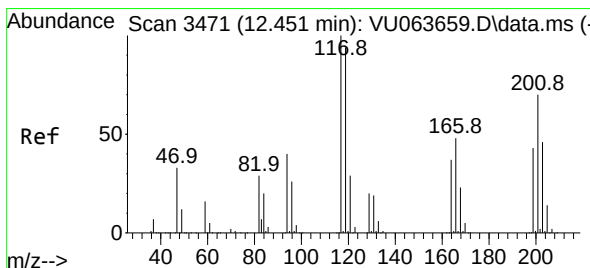
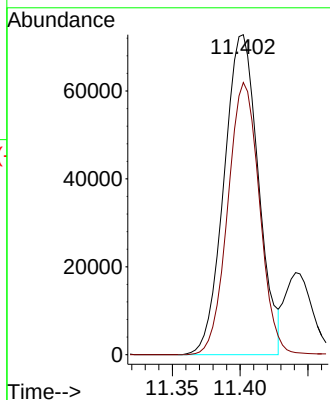
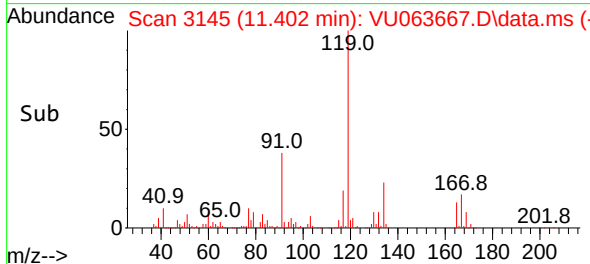
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



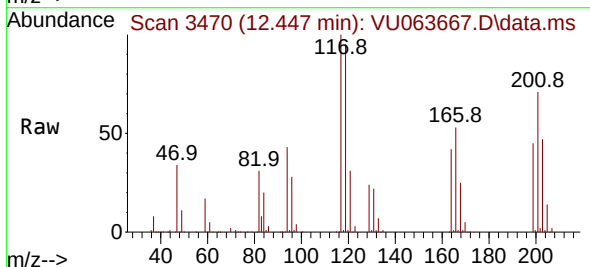
Tgt Ion:117 Resp: 12864
Ion Ratio Lower Upper
117 100
167 78.5 62.8 94.2

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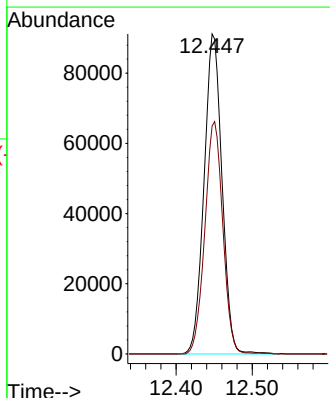
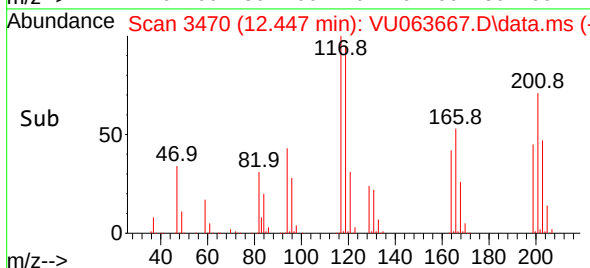
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

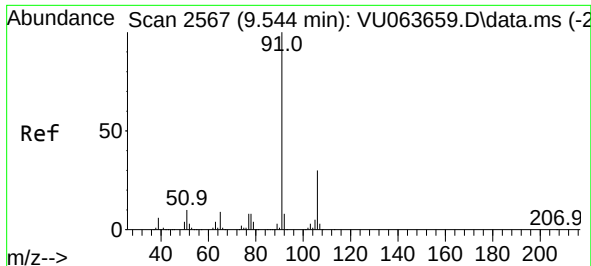


#62
Hexachloroethane
Concen: 10.196 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion:117 Resp: 149297
Ion Ratio Lower Upper
117 100
201 72.7 56.3 84.5





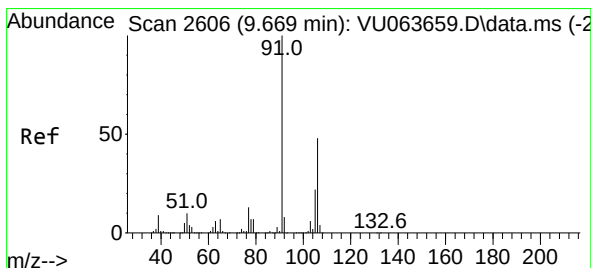
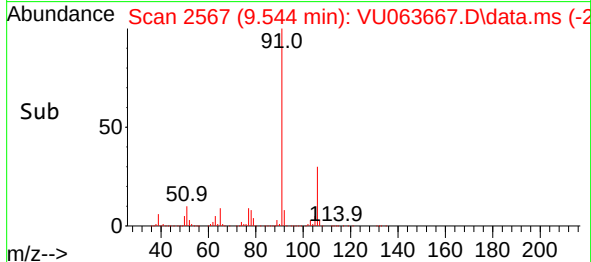
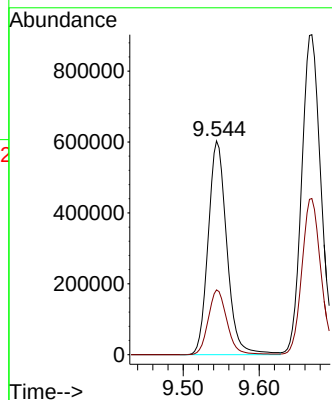
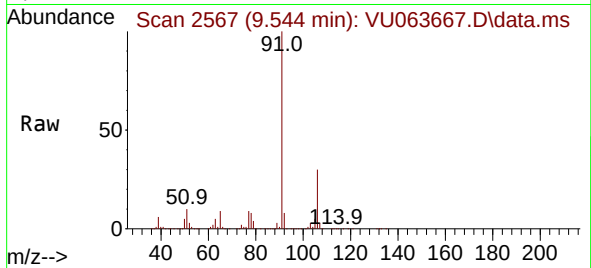
#63
Ethyl Benzene
Concen: 10.298 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 102603
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

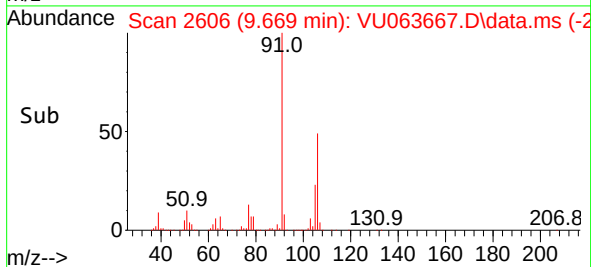
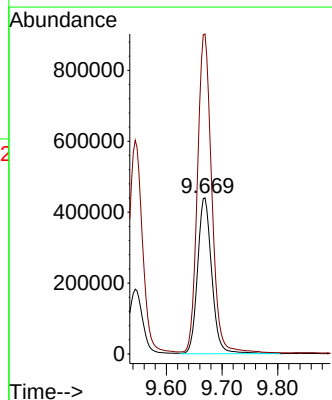
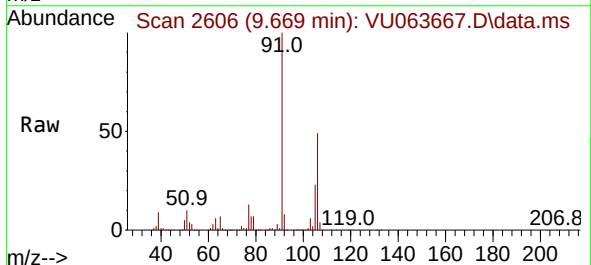
Manual Integrations
APPROVED

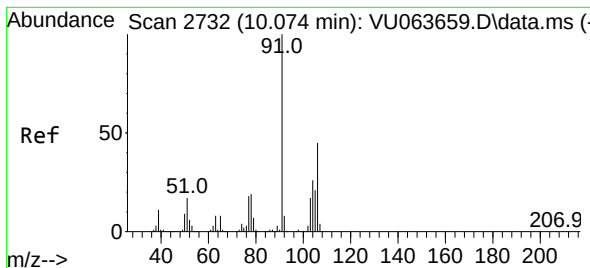
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 20.920 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

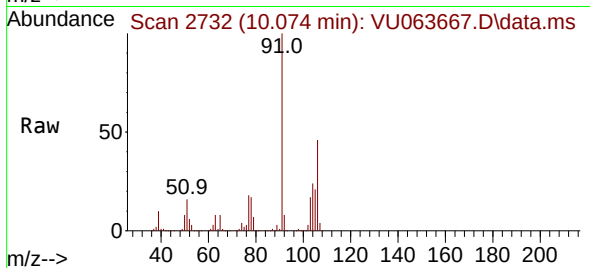
Tgt Ion:106 Resp: 778073
Ion Ratio Lower Upper
106 100
91 207.3 167.0 250.4





#65
o-Xylene
Concen: 10.372 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

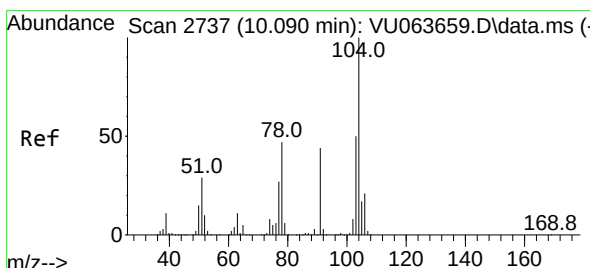
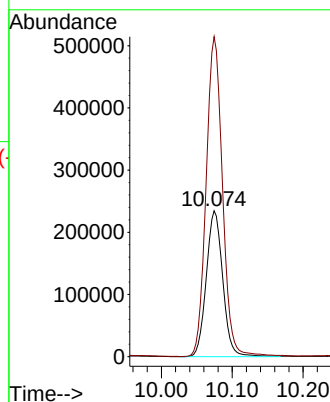
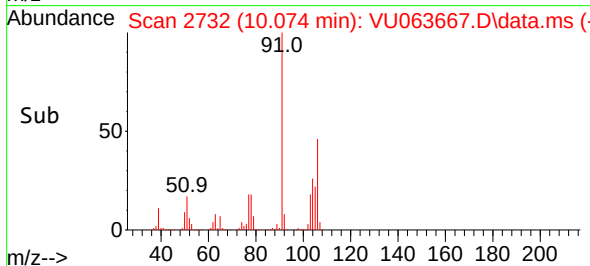
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:106 Resp: 378036
Ion Ratio Lower Upper
106 100
91 218.8 109.3 327.9

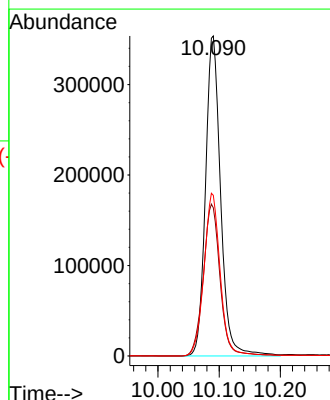
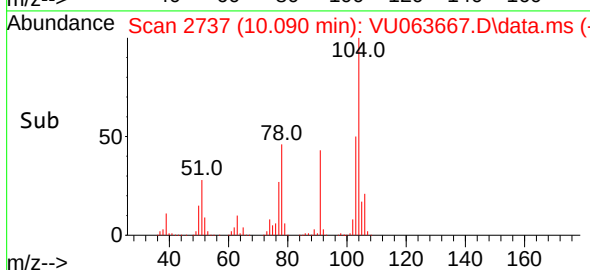
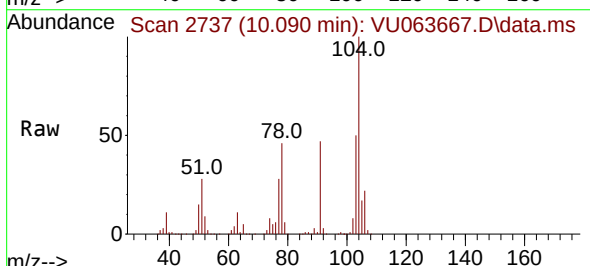
Manual Integrations
APPROVED

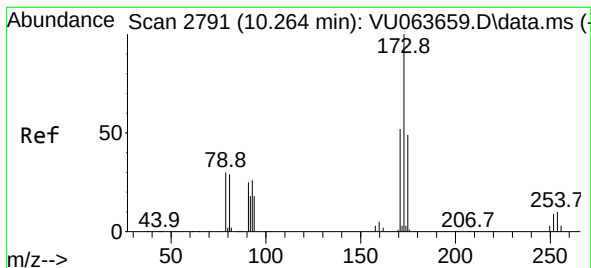
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 10.307 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Tgt Ion:104 Resp: 609396
Ion Ratio Lower Upper
104 100
78 52.7 42.8 64.2
103 54.5 43.9 65.9





#67

Bromoform

Concen: 9.799 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

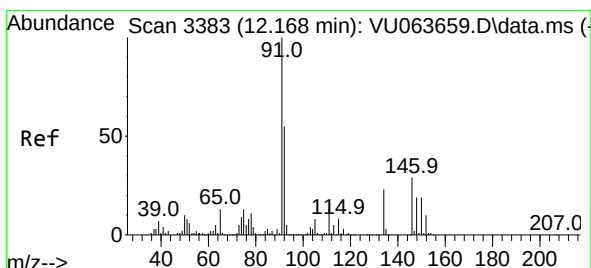
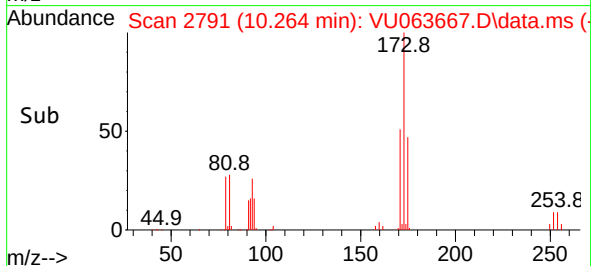
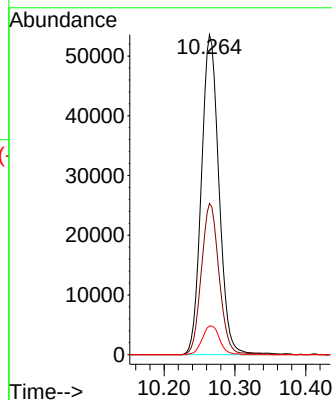
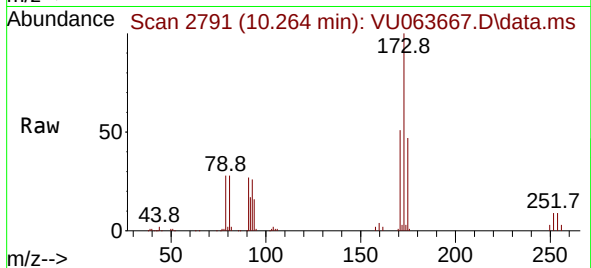
Tgt Ion:173	Resp:	92208
Ion Ratio	Lower	Upper
173	100	
175	47.5	39.0 58.4
254	8.9	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.956 ug/l

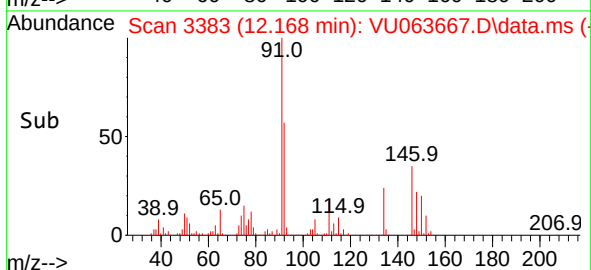
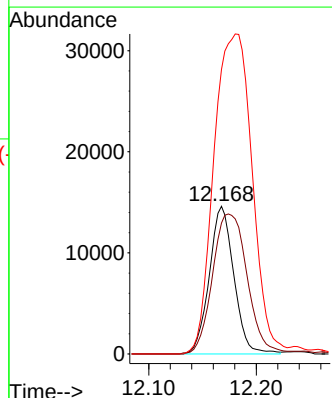
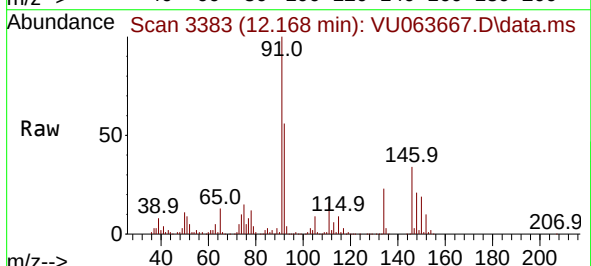
RT: 12.168 min Scan# 3383

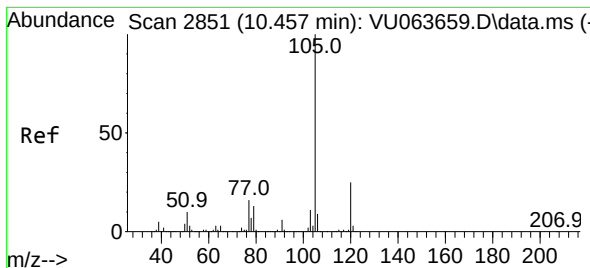
Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

Tgt Ion:152	Resp:	23178
Ion Ratio	Lower	Upper
152	100	
115	133.9	0.0 247.2
150	336.5	0.0 643.6





#69

Isopropylbenzene

Concen: 10.433 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VU063667.D

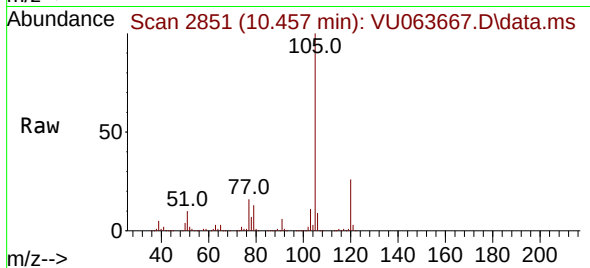
Acq: 05 Nov 2025 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 93907

Ion Ratio Lower Upper

105 100

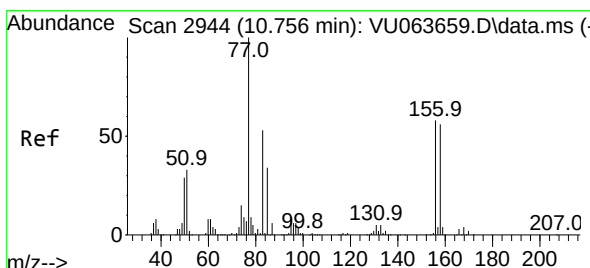
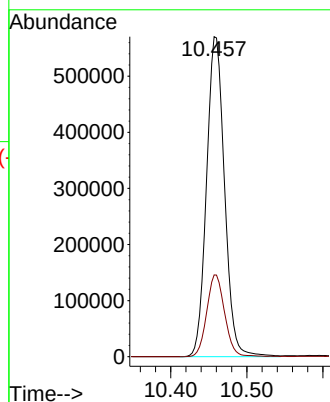
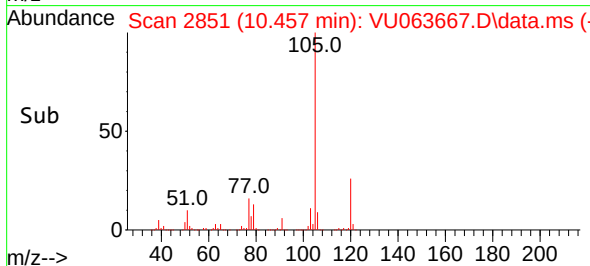
120 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 9.277 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. -0.000 min

Lab File: VU063667.D

Acq: 05 Nov 2025 10:13

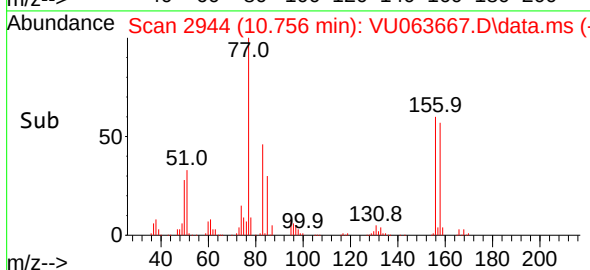
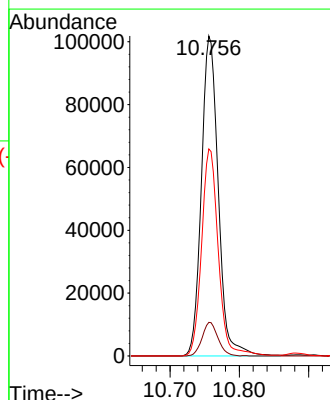
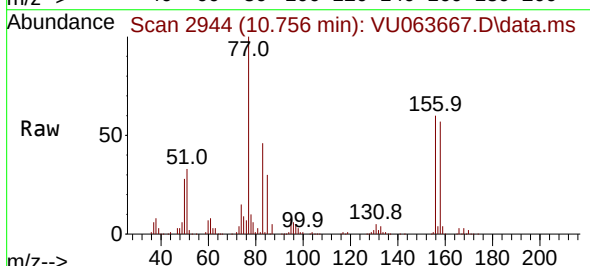
Tgt Ion: 83 Resp: 172470

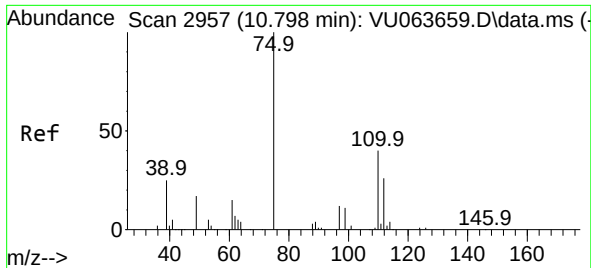
Ion Ratio Lower Upper

83 100

131 9.9 8.1 12.1

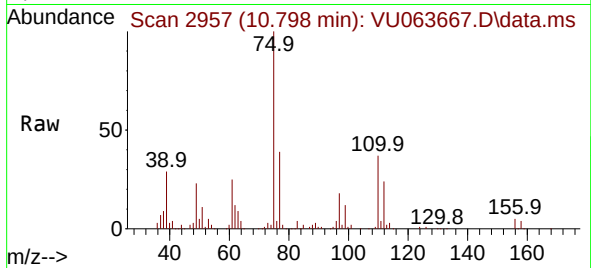
85 64.0 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 9.241 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

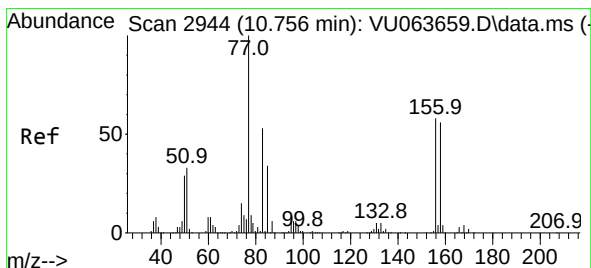
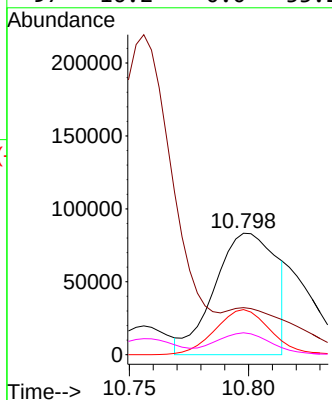
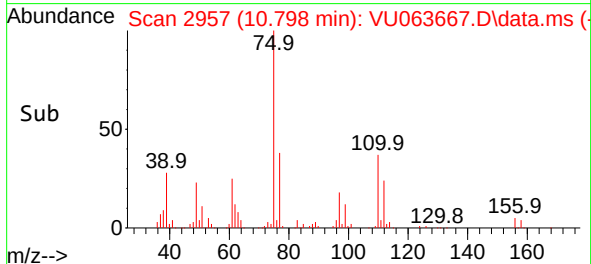
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



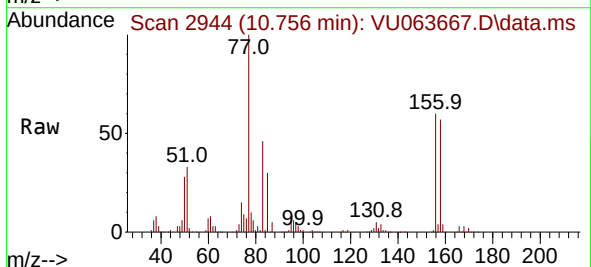
Tgt Ion: 75 Resp: 149478
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 33.9 0.0 66.4
97 16.2 0.0 33.2

Manual Integrations
APPROVED

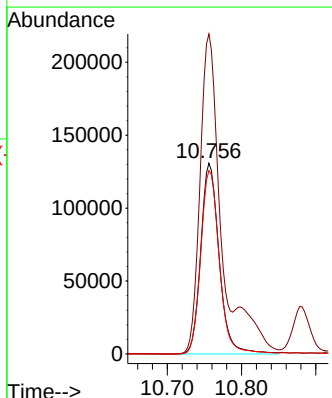
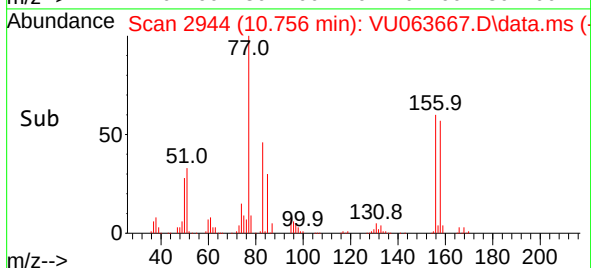
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

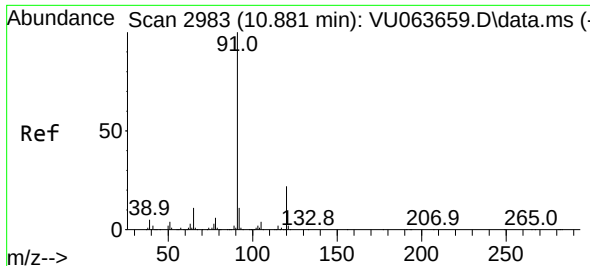


#72
Bromobenzene
Concen: 10.345 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion:156 Resp: 225190
Ion Ratio Lower Upper
156 100
77 167.6 0.0 337.2
158 97.0 0.0 191.8





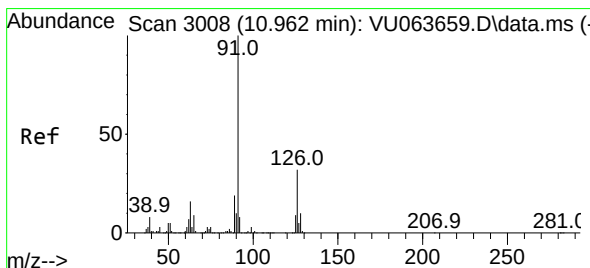
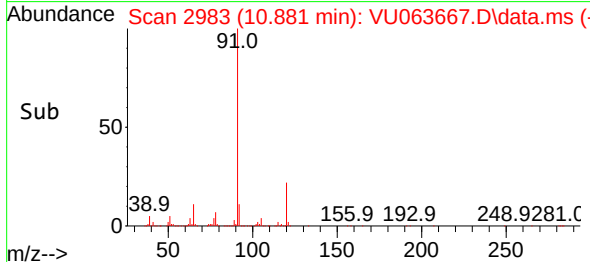
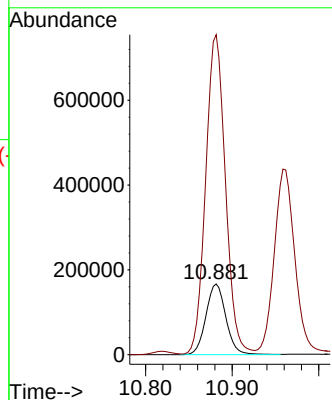
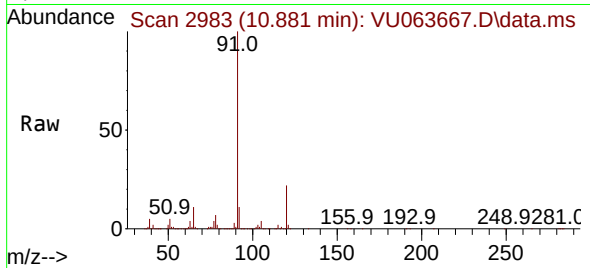
#73
n-propylbenzene
Concen: 10.445 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 267140
Ion Ratio Lower Upper
120 100
91 446.1 361.4 542.2

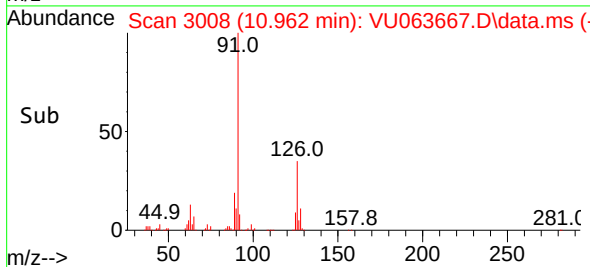
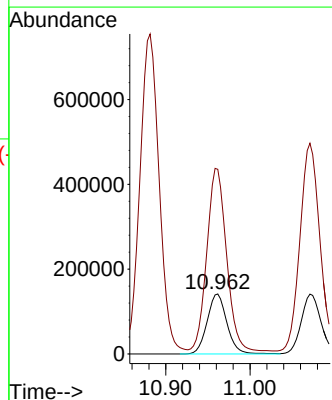
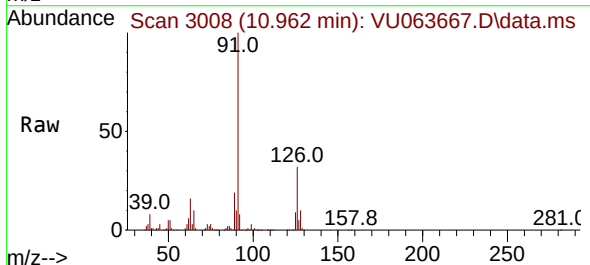
Manual Integrations
APPROVED

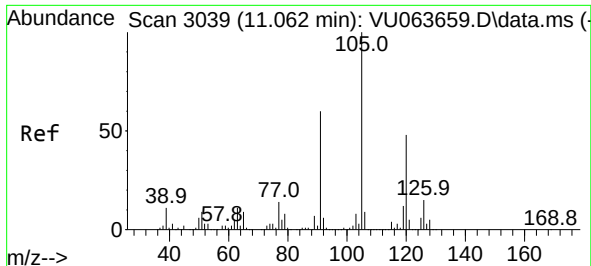
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 10.417 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

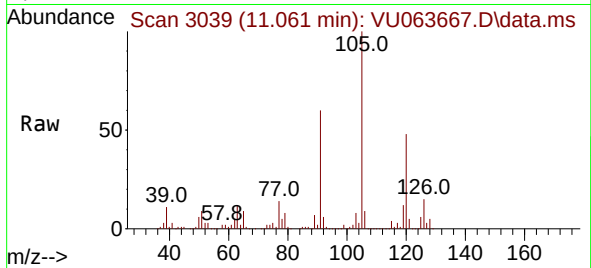
Tgt Ion:126 Resp: 230911
Ion Ratio Lower Upper
126 100
91 314.0 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 10.272 ug/l
RT: 11.061 min Scan# 3039
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

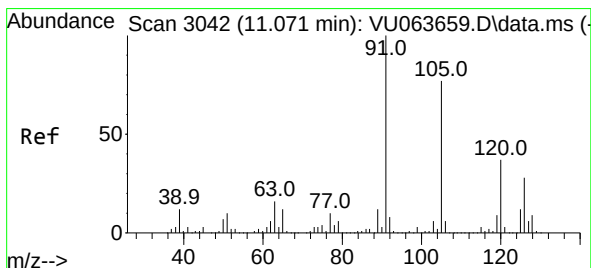
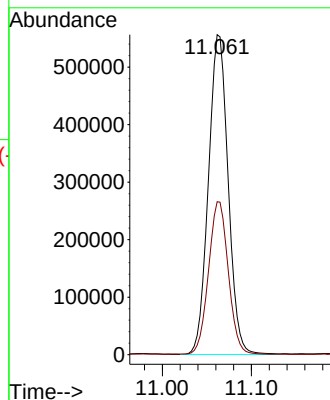
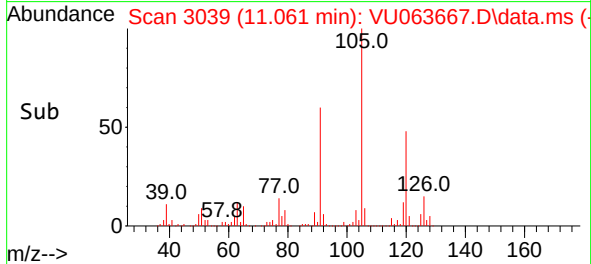
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



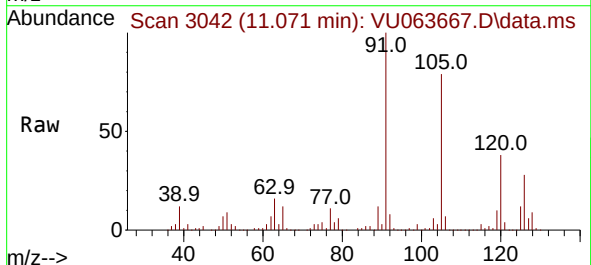
Tgt Ion:105 Resp: 854862
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2

Manual Integrations
APPROVED

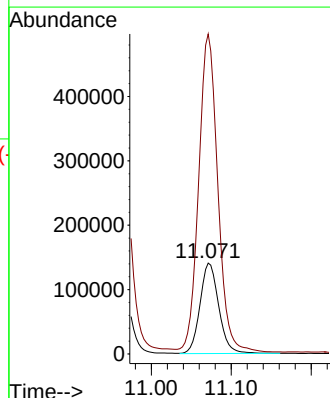
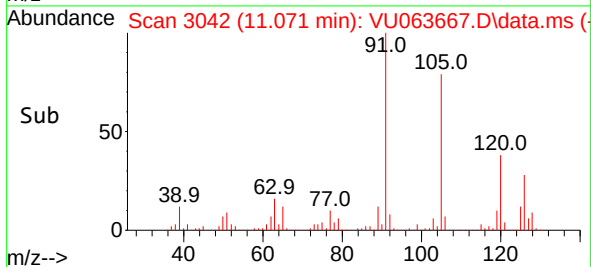
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

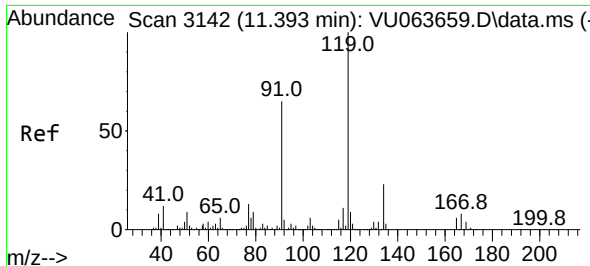


#76
4-Chlorotoluene
Concen: 10.317 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



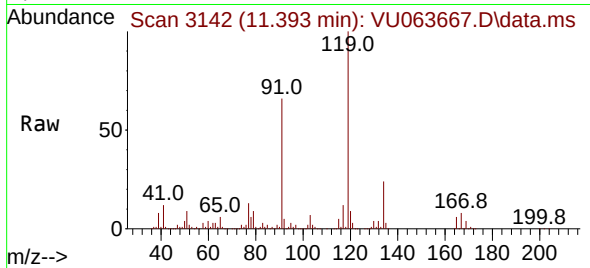
Tgt Ion:126 Resp: 229619
Ion Ratio Lower Upper
126 100
91 359.3 0.0 716.6





#77
tert-Butylbenzene
Concen: 10.102 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

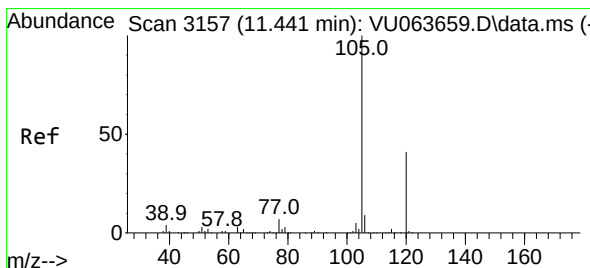
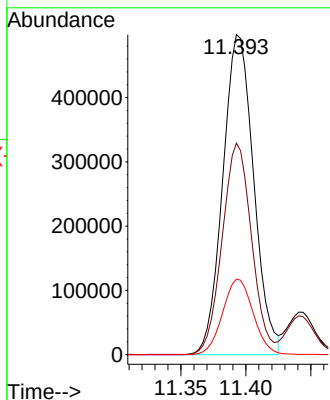
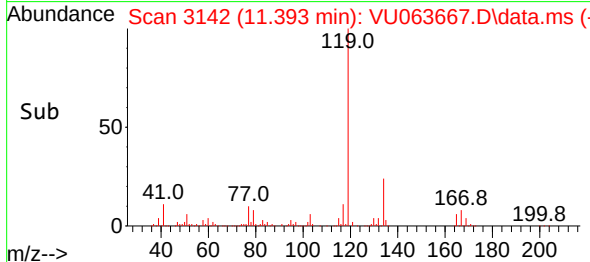
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 823708
Ion Ratio Lower Upper
119 100
91 62.8 31.3 93.8
134 23.4 18.7 28.1

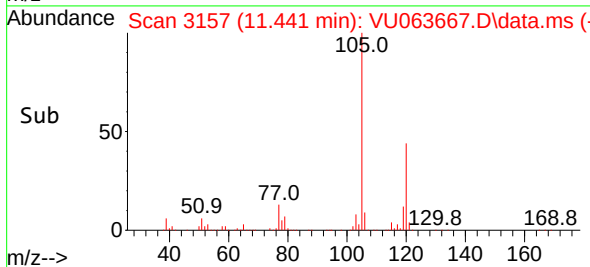
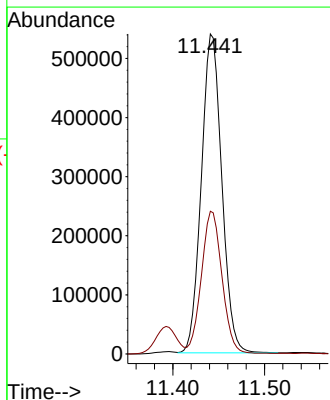
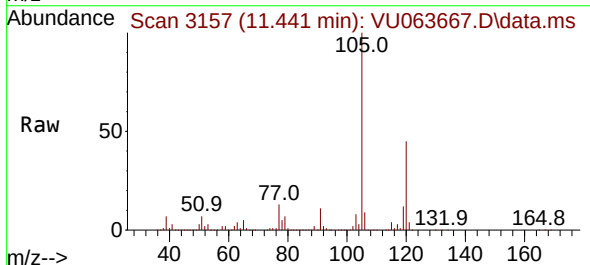
Manual Integrations
APPROVED

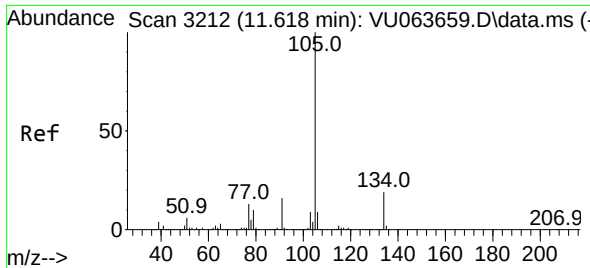
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
1,2,4-Trimethylbenzene
Concen: 10.464 ug/l
RT: 11.441 min Scan# 3157
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

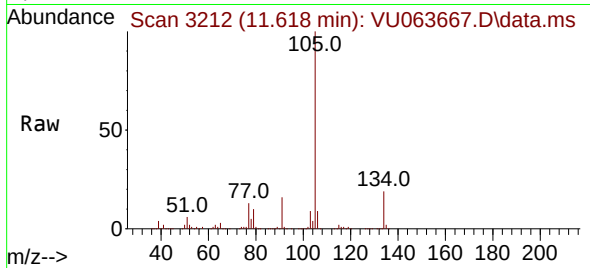
Tgt Ion:105 Resp: 835882
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 10.289 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

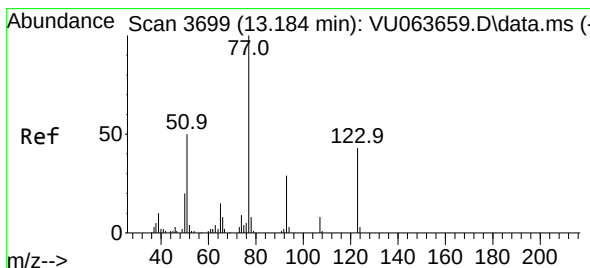
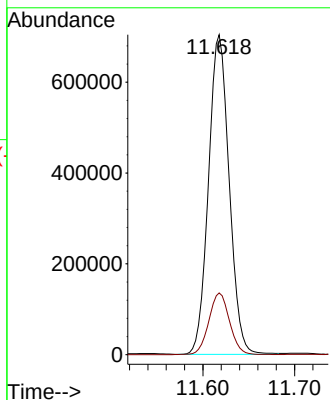
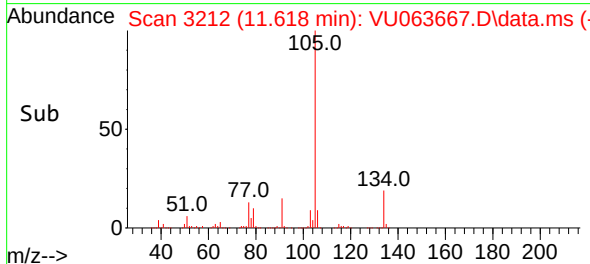
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



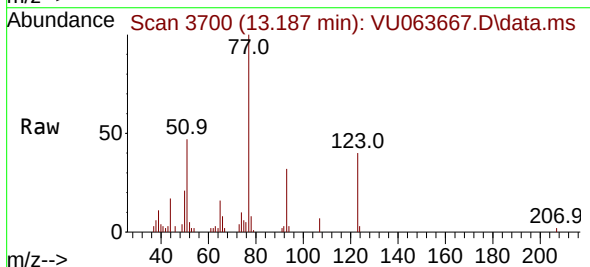
Tgt Ion:105 Resp: 110361
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

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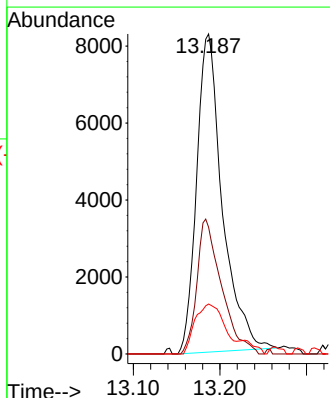
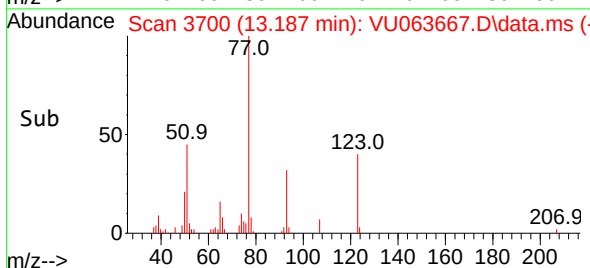
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

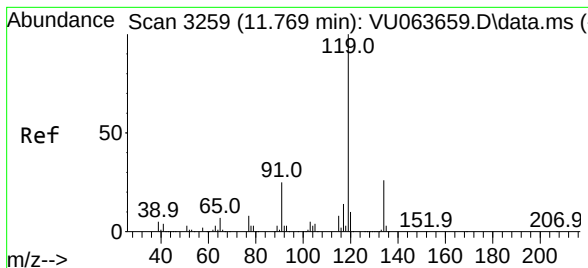


#80
 Nitrobenzene
 Concen: 26.078 ug/l
 RT: 13.187 min Scan# 3700
 Delta R.T. 0.003 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13



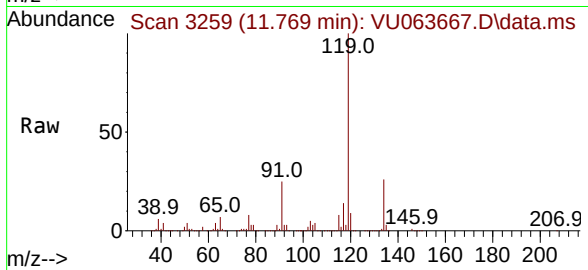
Tgt Ion: 77 Resp: 17051
 Ion Ratio Lower Upper
 77 100
 123 40.5 18.2 64.4
 65 14.2 13.6 17.2





#81
p-Isopropyltoluene
Concen: 10.265 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

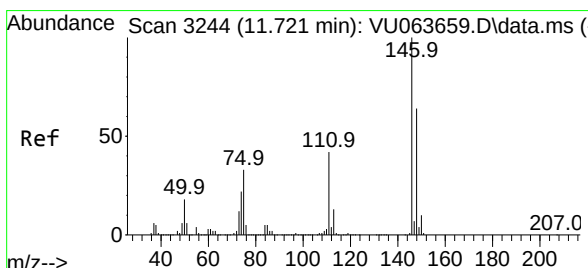
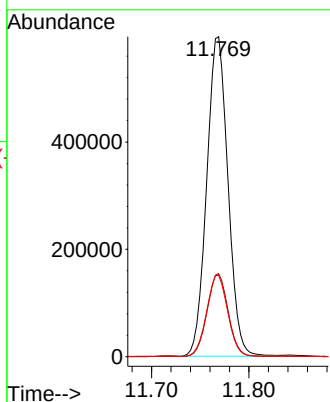
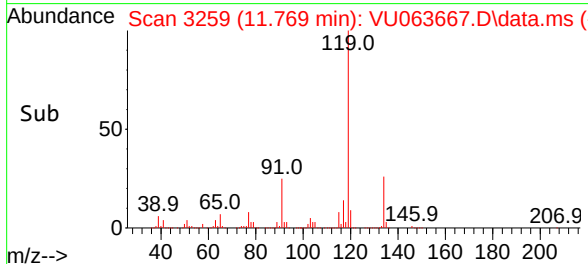
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



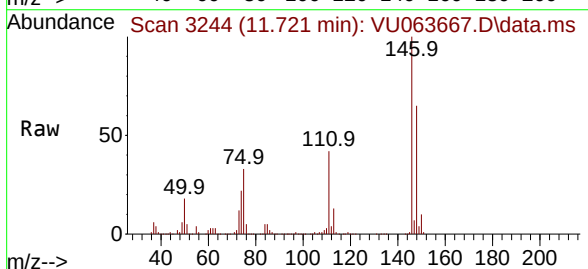
Tgt Ion:119 Resp: 901578
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 25.2 20.1 30.1

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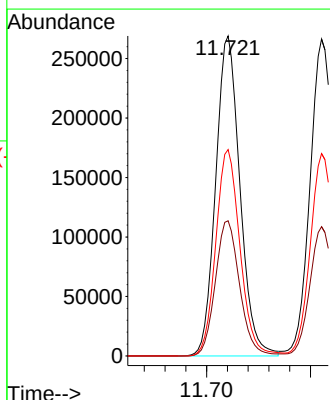
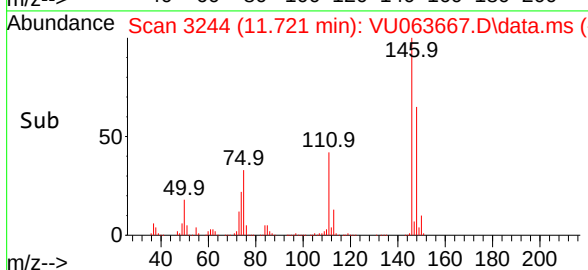
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

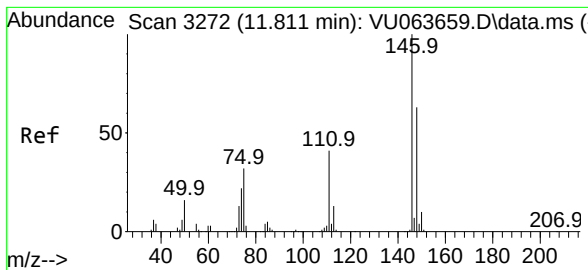


#82
1,3-Dichlorobenzene
Concen: 10.357 ug/l
RT: 11.721 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



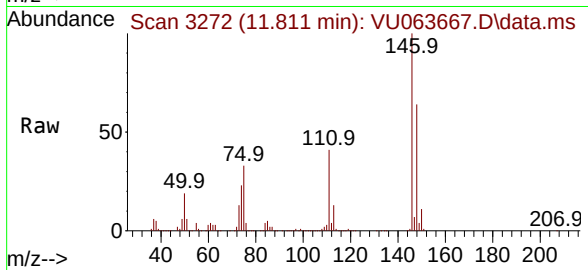
Tgt Ion:146 Resp: 436617
Ion Ratio Lower Upper
146 100
111 42.3 33.8 50.8
148 64.5 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 10.386 ug/l
RT: 11.811 min Scan# 3272
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

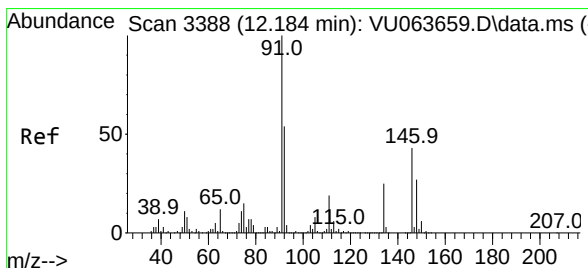
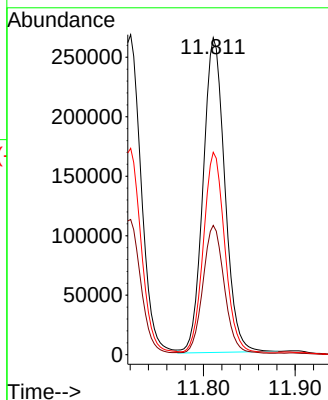
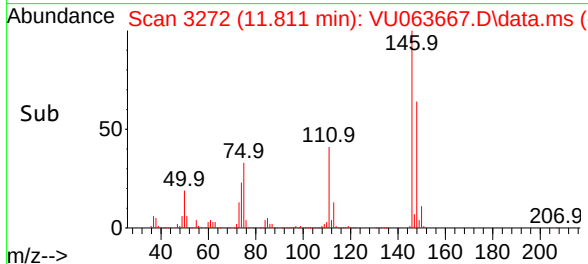
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



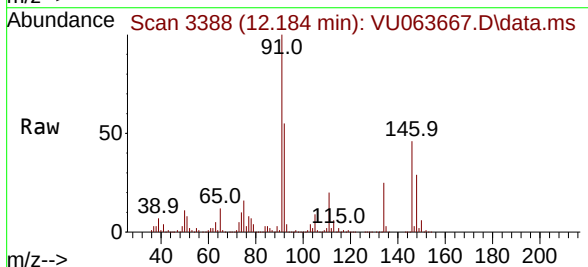
Tgt Ion:146 Resp: 435080
Ion Ratio Lower Upper
146 100
111 40.1 33.0 49.4
148 63.0 50.6 76.0

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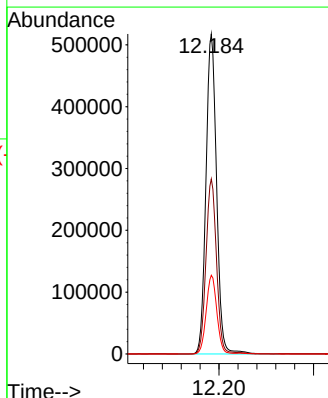
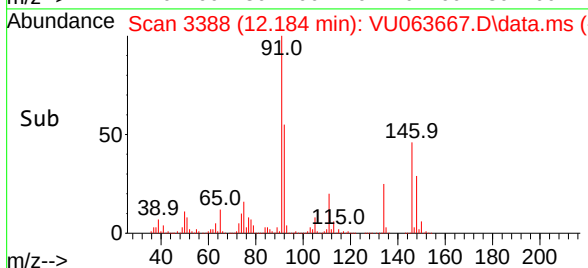
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

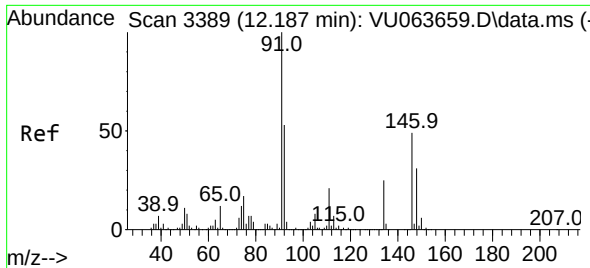


#84
n-Butylbenzene
Concen: 10.238 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



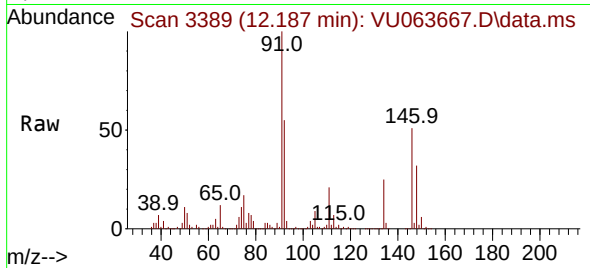
Tgt Ion: 91 Resp: 805907
Ion Ratio Lower Upper
91 100
92 54.4 43.1 64.7
134 24.6 19.7 29.5





#85
 1,2-Dichlorobenzene
 Concen: 10.242 ug/l
 RT: 12.187 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13

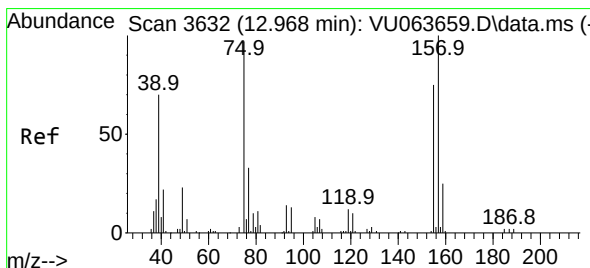
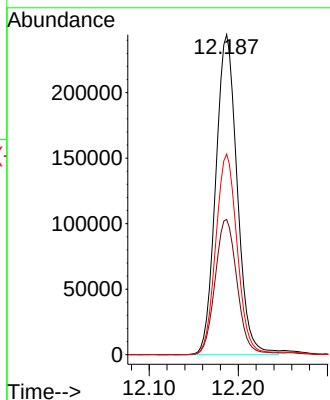
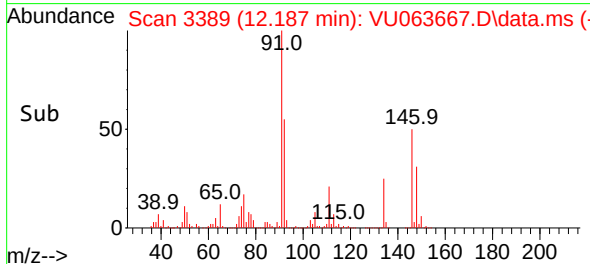
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



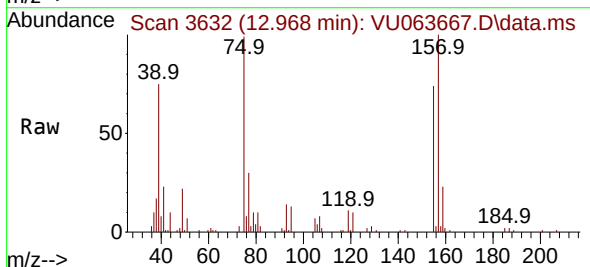
Tgt Ion:146 Resp: 40836
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.2 66.6
 148 63.1 31.9 95.5

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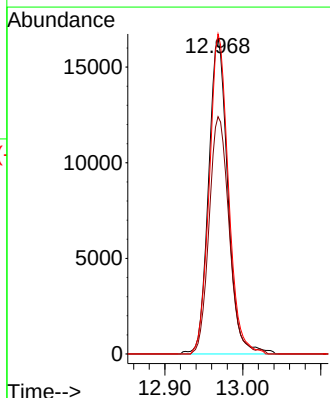
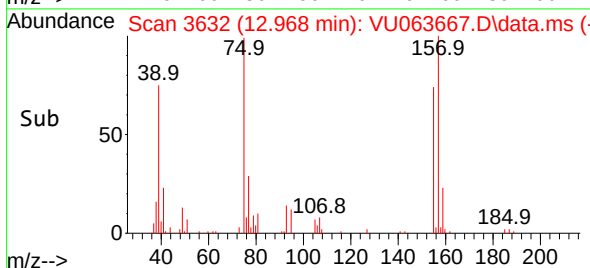
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

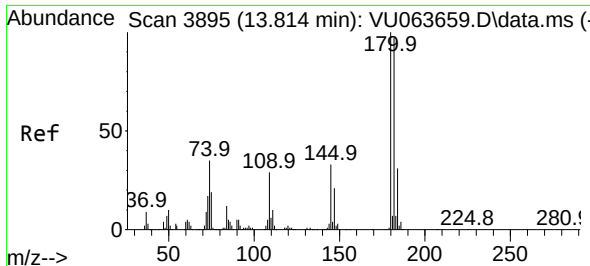


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.221 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063667.D
 Acq: 05 Nov 2025 10:13



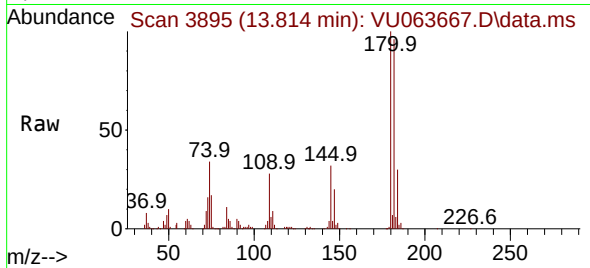
Tgt Ion: 75 Resp: 28406
 Ion Ratio Lower Upper
 75 100
 155 77.3 62.2 93.4
 157 100.5 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 10.020 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

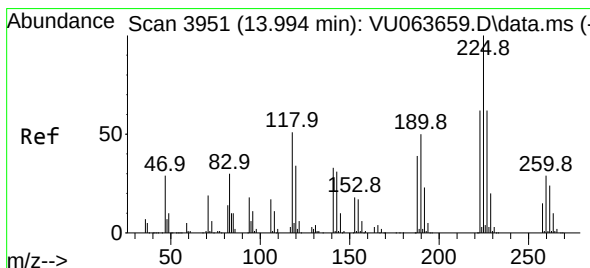
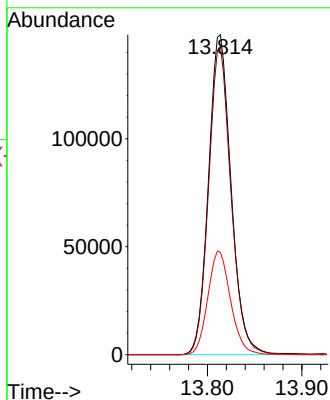
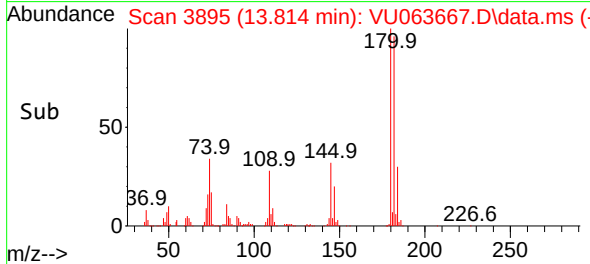
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ClientSampleId :
VSTDCCC010



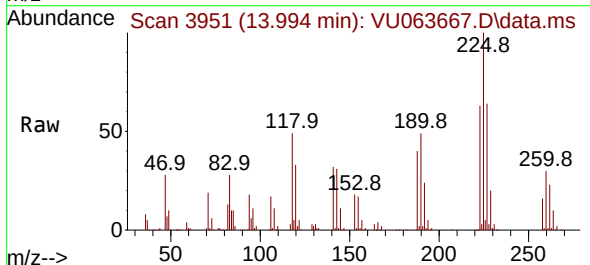
Tgt Ion:180 Resp: 246140
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 32.7 26.2 39.2

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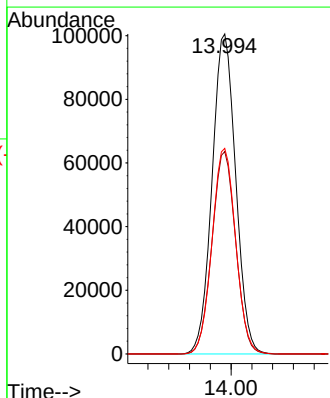
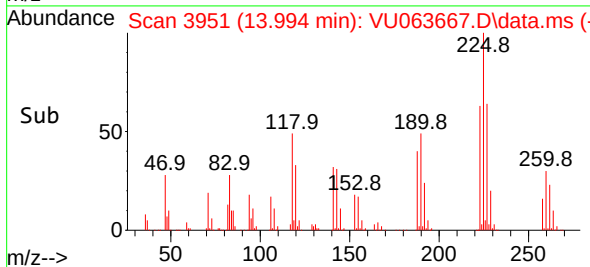
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

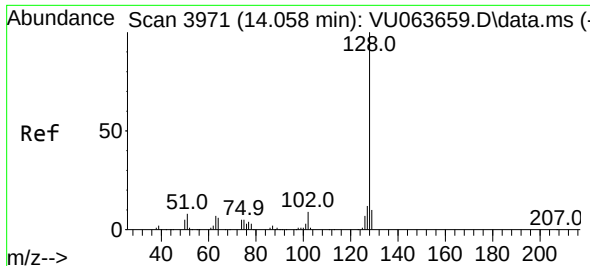


#88
Hexachlorobutadiene
Concen: 10.857 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



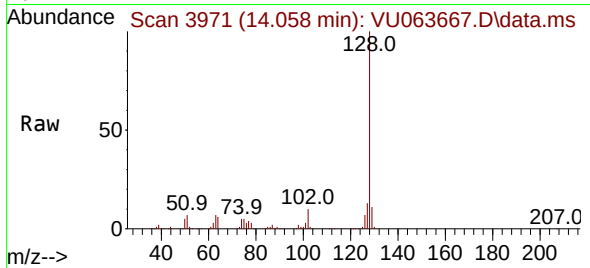
Tgt Ion:225 Resp: 158774
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 64.3 50.0 75.0





#89
Naphthalene
Concen: 8.362 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13

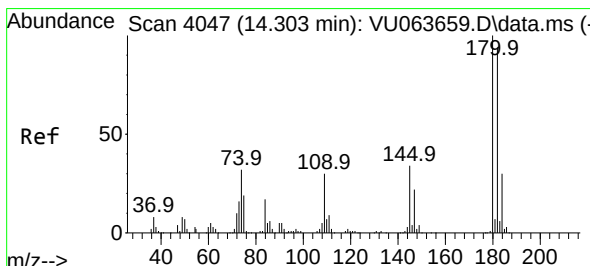
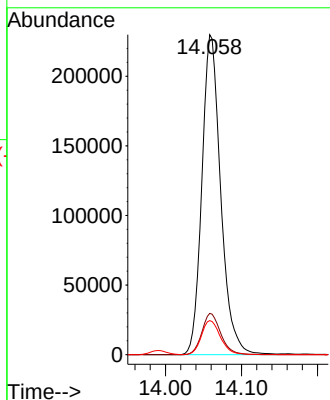
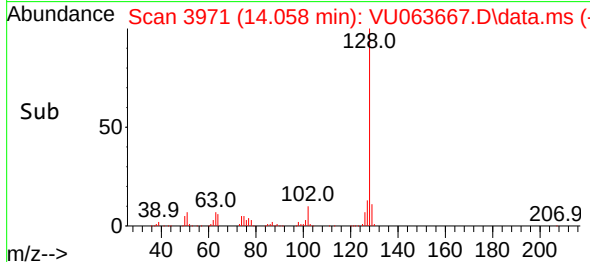
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ClientSampleId :
VSTDCCC010



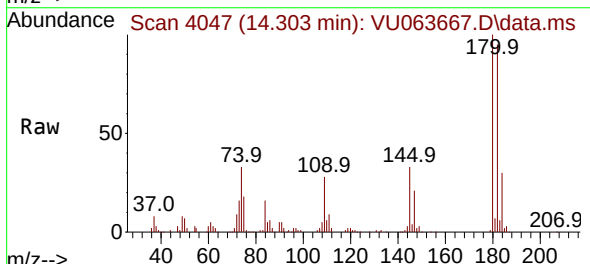
Tgt Ion:128 Resp: 395170
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 9.762 ug/l
RT: 14.303 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063667.D
Acq: 05 Nov 2025 10:13



Tgt Ion:180 Resp: 219212
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 33.8 27.4 41.2

