

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063681.D
 Acq On : 07 Nov 2025 11:42
 Operator : MD/SY
 Sample : VU1107WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 02:32:13 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	55180	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	24202	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	22249	0.994	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	38873	1.872	ug/l	100
3) Chloromethane	1.509	50	35080	1.796	ug/l	99
4) Vinyl Chloride	1.589	62	38421	1.934	ug/l	98
5) Bromomethane	1.840	94	26734	2.227	ug/l	98
6) Chloroethane	1.914	64	25811	2.117	ug/l	96
7) Trichlorofluoromethane	2.120	101	59064	2.045	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	31569	2.055	ug/l	99
9) 1,1-Dichloroethene	2.557	96	30626	2.058	ug/l	98
10) Iodomethane	2.695	142	34251	1.550	ug/l	100
11) Allyl Chloride	2.894	41	44726	1.925	ug/l	94
12) Acrylonitrile	3.287	53	16501	4.484	ug/l	93
13) Acetone	2.605	43	58145	8.945	ug/l	98
14) Carbon Disulfide	2.766	76	71142	1.697	ug/l	100
15) Methylene Chloride	3.013	84	36315	1.899	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	33982	2.071	ug/l	99
17) 1,1-Dichloroethane	3.830	63	66725	2.053	ug/l	99
18) 2-Butanone	4.692	43	60643	8.795	ug/l	99
19) Cyclohexane	5.341	56	49514	1.994	ug/l	98
20) Methylcyclohexane	6.727	83	59941	1.939	ug/l	97
21) 2,2-Dichloropropane	4.624	77	55879	1.916	ug/l	98
22) cis-1,2-Dichloroethene	4.631	96	38898	2.082	ug/l	98
23) Diethyl Ether	2.358	59	24759	2.031	ug/l	96
24) tert-Butyl Alcohol	3.174	59	34641	16.486	ug/l #	89
25) Methyl tert-Butyl Ether	3.341	73	89125	2.044	ug/l	98
26) Bromochloromethane	4.936	128	16438	2.086	ug/l	98
27) Chloroform	5.052	83	70135	2.109	ug/l	95
28) 1,1,1-Trichloroethane	5.277	97	58357	1.990	ug/l	99
29) 1,1-Dichloropropene	5.486	75	50928	2.069	ug/l	99
30) Carbon Tetrachloride	5.480	117	43947	1.893	ug/l	98
31) Isopropyl Ether	3.972	45	106831	2.075	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	98659	1.989	ug/l	98
33) Tert-Amyl methyl ether	5.923	73	87958	2.037	ug/l	99
34) Propionitrile	4.756	54	13801	10.243	ug/l	98
35) Benzene	5.737	78	148914	2.146	ug/l	97
36) 1,2-Dichloroethane	5.766	62	45968	2.063	ug/l	98
37) Trichloroethene	6.512	130	39880	2.017	ug/l	94
38) 1,2-Dichloropropane	6.762	63	37246	1.918	ug/l	93
39) Methacrylonitrile	4.952	41	12416	1.851	ug/l	95
40) Methyl acrylate	4.827	55	17429	1.790	ug/l #	96
41) Tetrahydrofuran	5.042	42	12565	4.164	ug/l	97
42) 1-Chlorobutane	5.422	56	67723	2.053	ug/l	98
43) Dibromomethane	6.894	93	19436	1.935	ug/l	98
44) Bromodichloromethane	7.081	83	42775	1.741	ug/l	99

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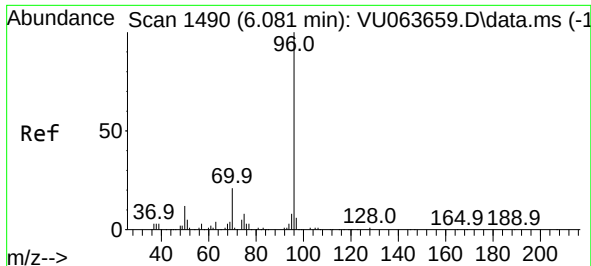
Manual Integrations
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 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 08 02:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

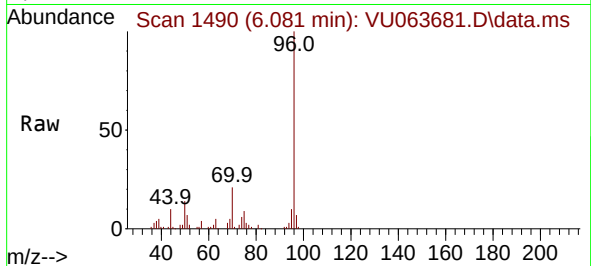
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	111574	9.211	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	12541m	2.985	ug/l	
47) Methyl methacrylate	6.949	69	33640	3.640	ug/l	99
48) Ethyl methacrylate	8.319	69	34502	1.835	ug/l	97
49) Toluene	7.942	92	92635	1.980	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	34811	1.631	ug/l	100
51) cis-1,3-Dichloropropene	7.582	75	45460	1.703	ug/l	100
52) 1,1,2-Trichloroethane	8.377	97	28090	2.057	ug/l	98
53) 1,3-Dichloropropane	8.550	76	46016	1.886	ug/l	95
54) 2-Hexanone	8.676	43	83260	8.141	ug/l	99
55) Dibromochloromethane	8.785	129	27275	1.696	ug/l	97
56) 1,2-Dibromoethane	8.901	107	24804	1.909	ug/l	99
58) Tetrachloroethene	8.524	164	39248	2.029	ug/l	96
59) Chlorobenzene	9.422	112	103031	2.030	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.508	131	31661	1.782	ug/l	97
61) Pentachloroethane	11.402	117	21573	1.750	ug/l	93
62) Hexachloroethane	12.450	117	19696	1.458	ug/l	100
63) Ethyl Benzene	9.544	91	176866	1.924	ug/l	98
64) m/p-Xylenes	9.669	106	134206	3.911	ug/l	98
65) o-Xylene	10.074	106	65889	1.960	ug/l	99
66) Styrene	10.090	104	105584	1.936	ug/l	99
67) Bromoform	10.264	173	13841	1.594	ug/l	96
69) Isopropylbenzene	10.460	105	163454	1.968	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.756	83	34651	2.020	ug/l	96
71) 1,2,3-Trichloropropane	10.798	75	26537m	1.778	ug/l	
72) Bromobenzene	10.759	156	40558	2.020	ug/l	98
73) n-propylbenzene	10.881	120	47159	1.999	ug/l	95
74) 2-Chlorotoluene	10.962	126	41456	2.027	ug/l	91
75) 1,3,5-Trimethylbenzene	11.065	105	146289	1.905	ug/l	100
76) 4-Chlorotoluene	11.074	126	41236	2.008	ug/l	99
77) tert-Butylbenzene	11.393	119	143037	1.901	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	144618	1.962	ug/l	98
79) sec-Butylbenzene	11.618	105	194290	1.963	ug/l	99
80) Nitrobenzene	13.190	77	3185	5.280	ug/l #	72
81) p-Isopropyltoluene	11.769	119	155266	1.916	ug/l	100
82) 1,3-Dichlorobenzene	11.724	146	80690	2.075	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	79677	2.062	ug/l	99
84) n-Butylbenzene	12.184	91	140447	1.934	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	74727	2.031	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	4546	1.599	ug/l	93
87) 1,2,4-Trichlorobenzene	13.817	180	47190	2.082	ug/l	100
88) Hexachlorobutadiene	13.994	225	28381	2.104	ug/l	99
89) Naphthalene	14.064	128	88817	2.037	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	43899	2.119	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: VU063681.D
Acq: 07 Nov 2025 11:42

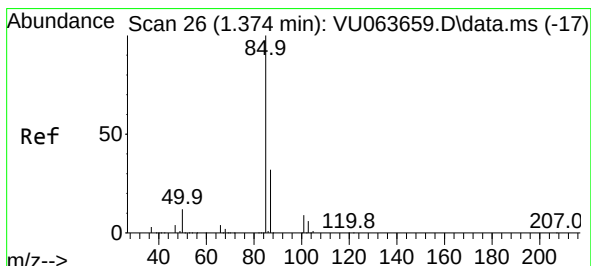
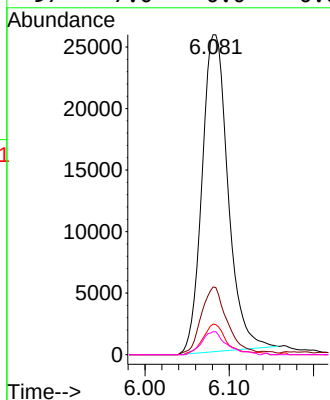
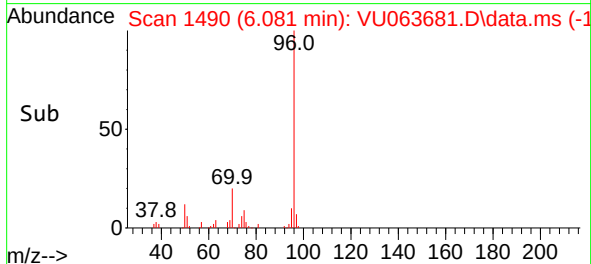
Instrument : MSVOA_U
ClientSampleId : VU1107WBSD01



Tgt Ion:	96	Resp:	55180
Ion Ratio	100	Lower	Upper
96	100		
70	20.3	15.3	22.9
95	9.0	6.5	9.7
97	7.0	0.0	0.0

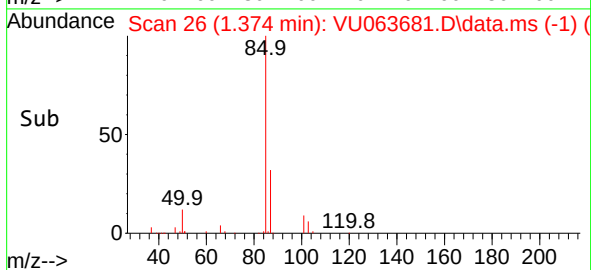
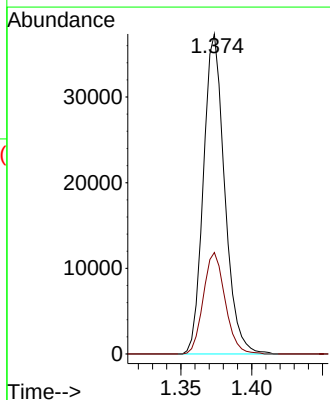
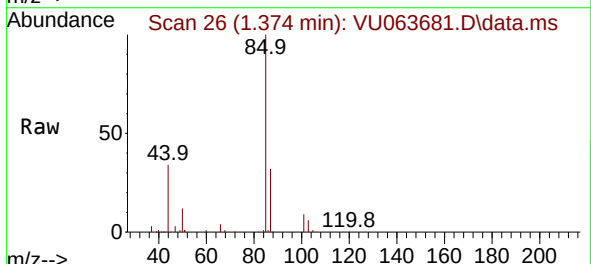
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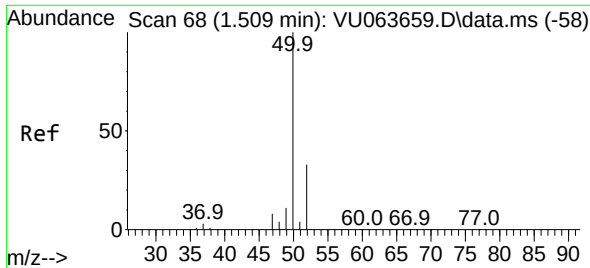
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 1.872 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

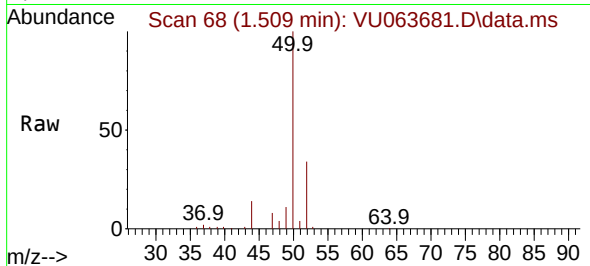
Tgt Ion:	85	Resp:	38873
Ion Ratio	100	Lower	Upper
85	100		
87	31.7	16.0	47.9





#3
Chloromethane
Concen: 1.796 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

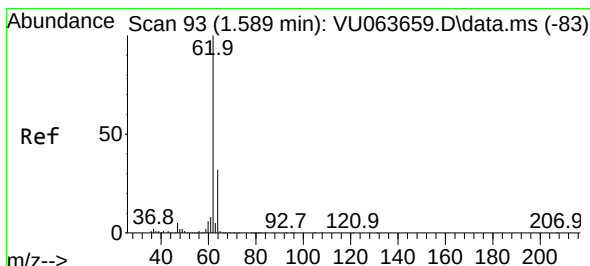
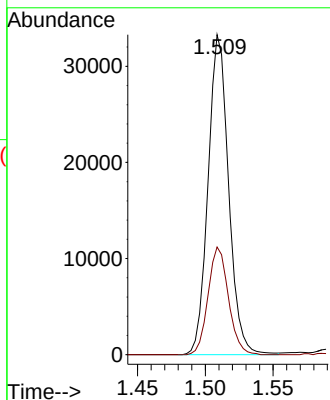
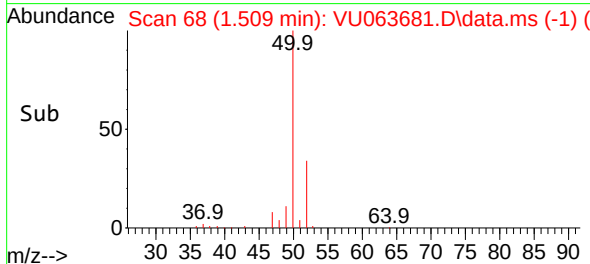
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



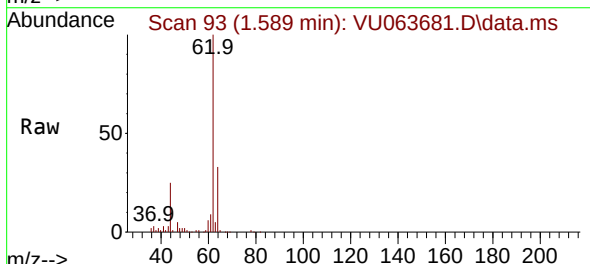
Tgt Ion: 50 Resp: 35080
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

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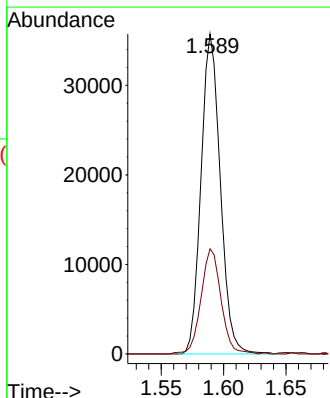
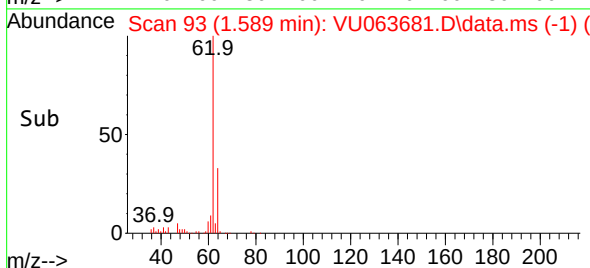
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

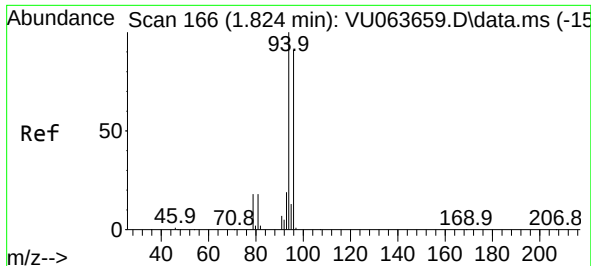


#4
Vinyl Chloride
Concen: 1.934 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



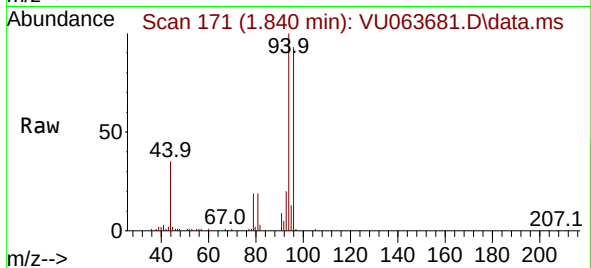
Tgt Ion: 62 Resp: 38421
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5
Bromomethane
Concen: 2.227 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

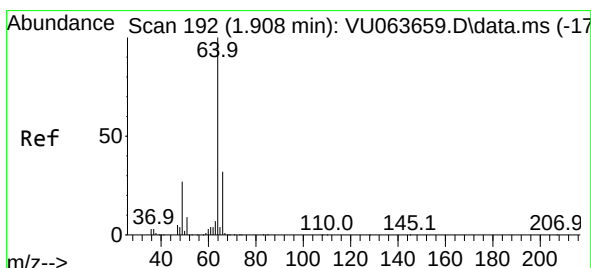
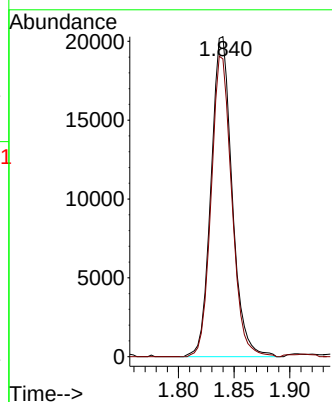
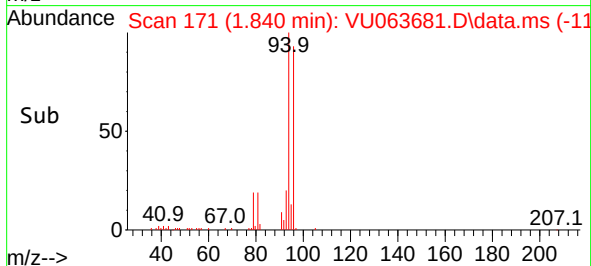
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 94 Resp: 26734
Ion Ratio Lower Upper
94 100
96 93.1 73.0 109.6

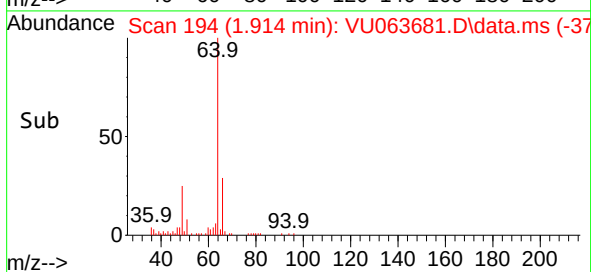
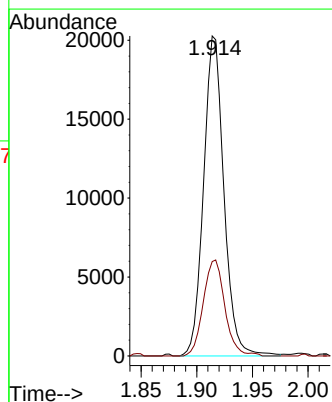
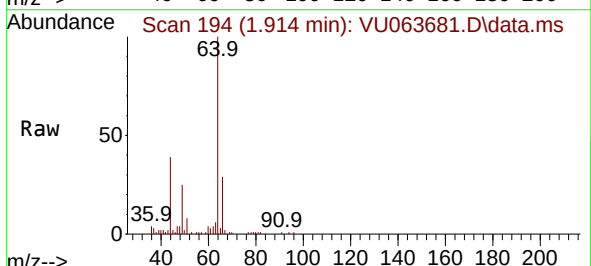
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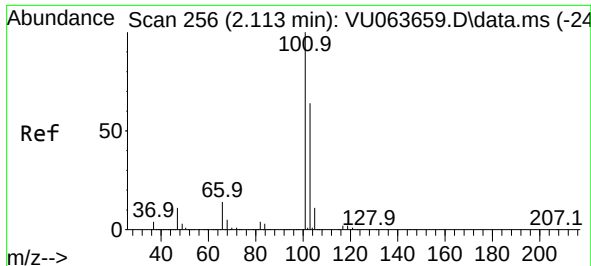
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 2.117 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

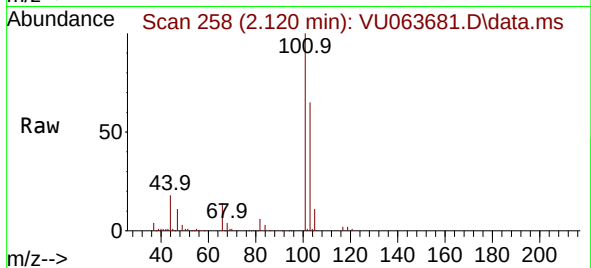
Tgt Ion: 64 Resp: 25811
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 2.045 ug/l
 RT: 2.120 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

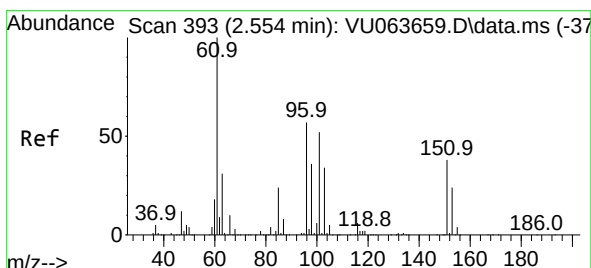
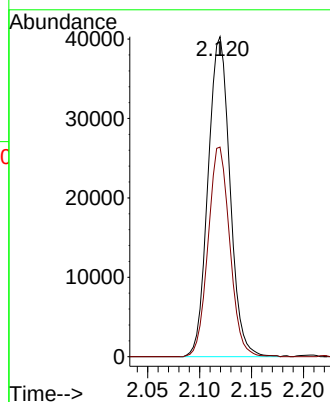
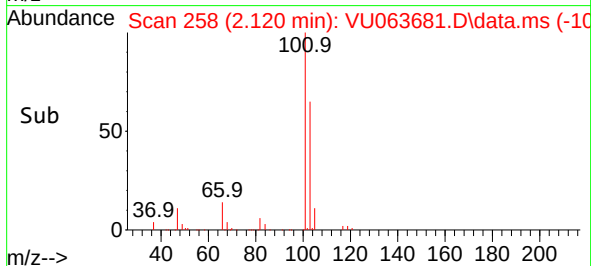
Instrument :
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 VU1107WBSD01



Tgt Ion:101 Resp: 59064
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.6

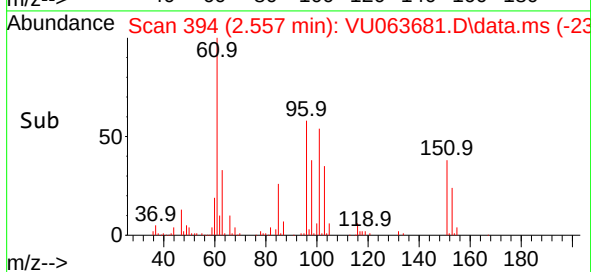
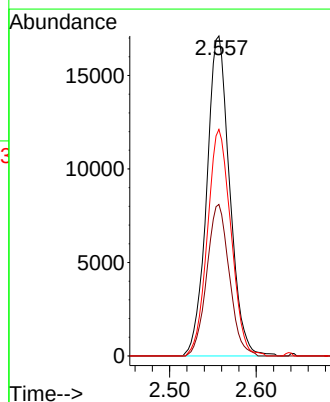
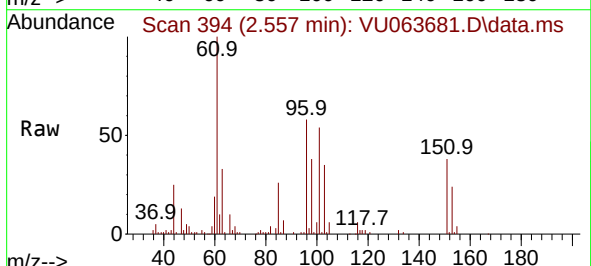
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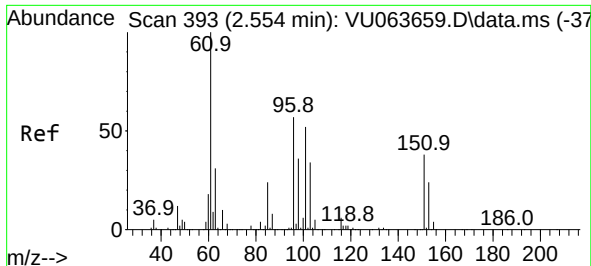
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.055 ug/l
 RT: 2.557 min Scan# 394
 Delta R.T. 0.003 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

Tgt Ion:101 Resp: 31569
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.0 55.4
 151 72.3 57.2 85.8





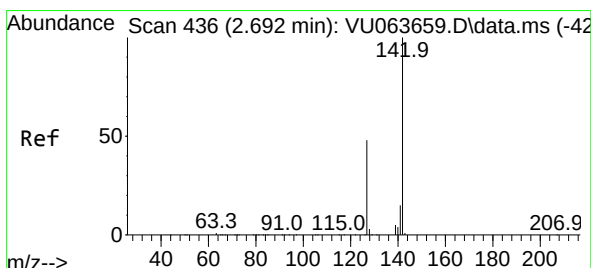
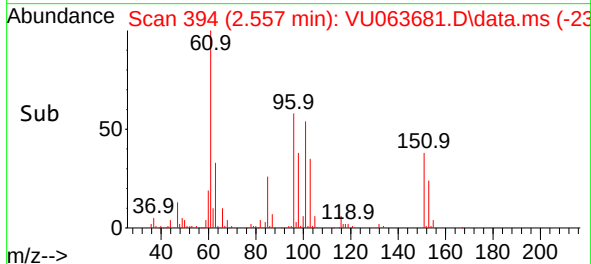
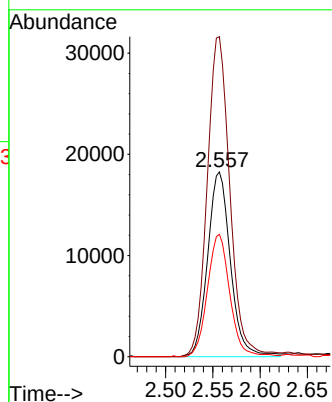
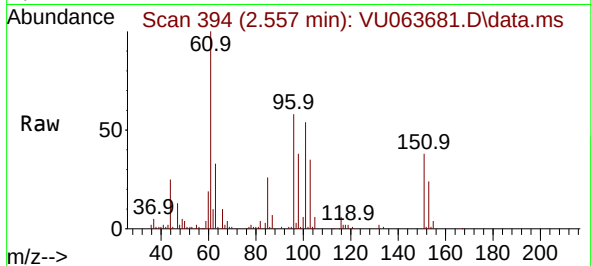
#9
1,1-Dichloroethene
Concen: 2.058 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Tgt Ion: 96 Resp: 30620
Ion Ratio Lower Upper
96 100
61 173.2 0.0 524.7
98 66.3 0.0 126.8

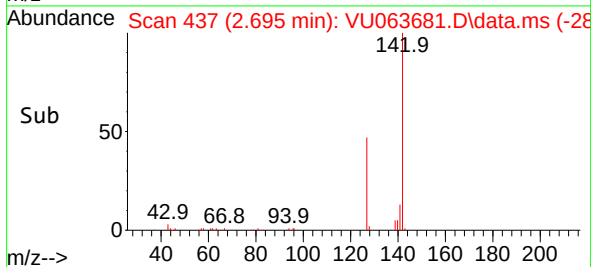
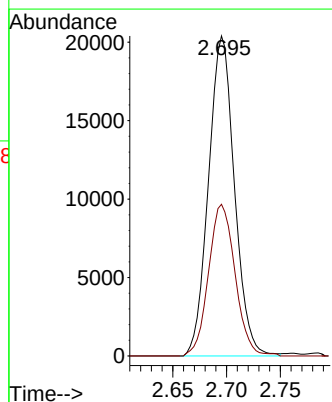
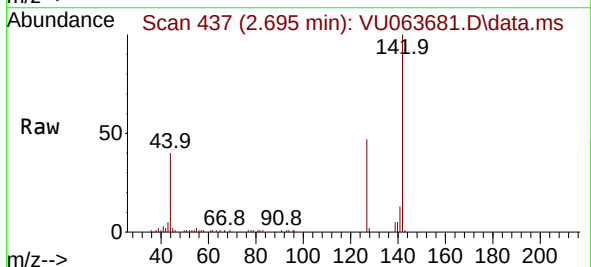
Manual Integrations
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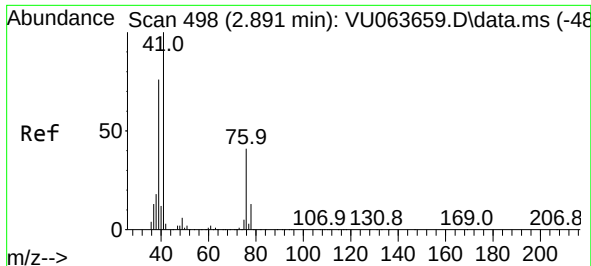
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 1.550 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

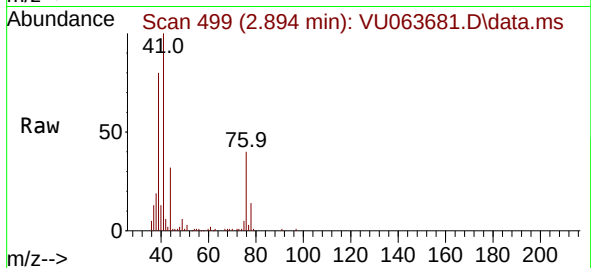
Tgt Ion:142 Resp: 34251
Ion Ratio Lower Upper
142 100
127 48.5 38.6 58.0





#11
 Allyl Chloride
 Concen: 1.925 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

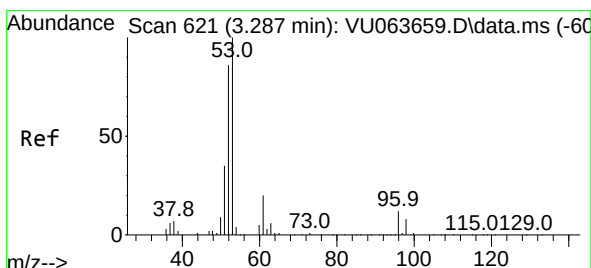
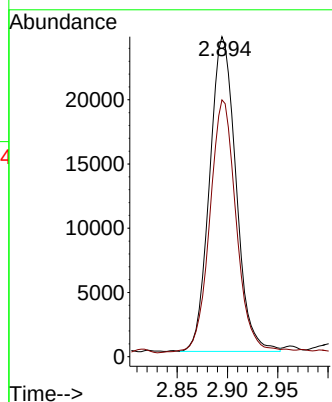
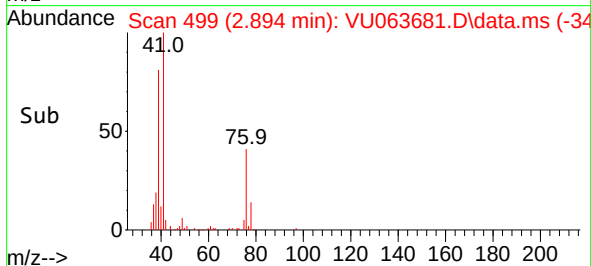
Instrument :
 MSVOA_U
 Client Sample Id :
 VU1107WBSD01



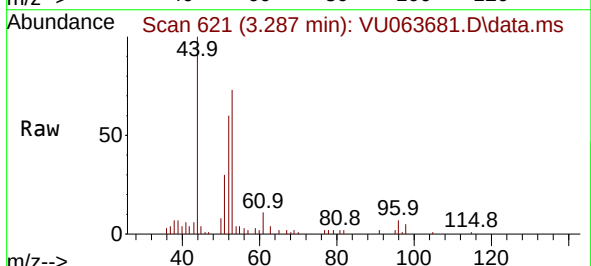
Tgt Ion: 41 Resp: 44720
 Ion Ratio Lower Upper
 41 100
 39 81.1 61.0 91.4

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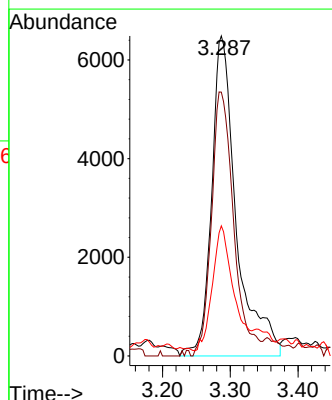
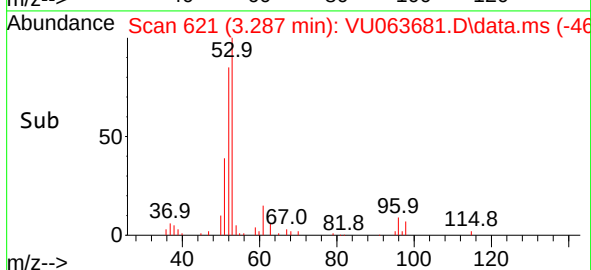
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

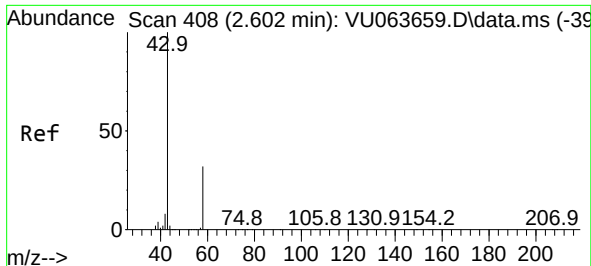


#12
 Acrylonitrile
 Concen: 4.484 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42



Tgt Ion: 53 Resp: 16501
 Ion Ratio Lower Upper
 53 100
 52 73.7 65.4 98.0
 51 33.1 27.6 41.4





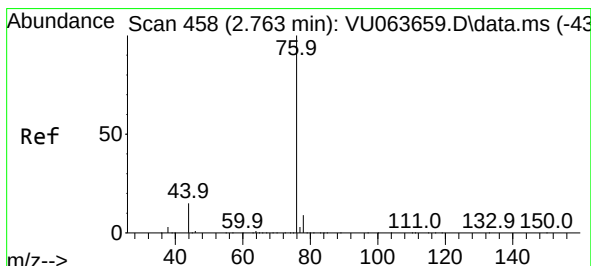
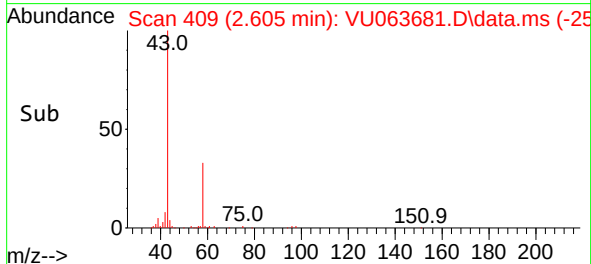
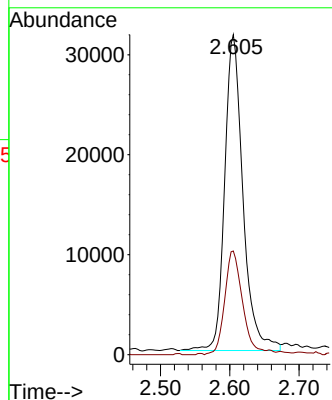
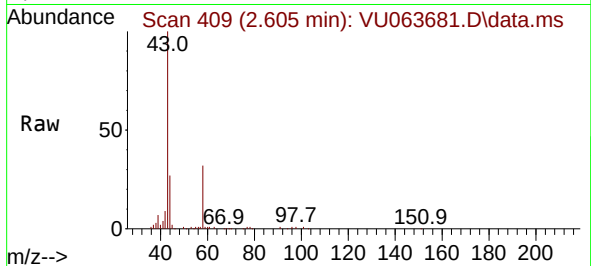
#13
Acetone
Concen: 8.945 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Tgt Ion: 43 Resp: 5814
Ion Ratio Lower Upper
43 100
58 32.5 25.2 37.8

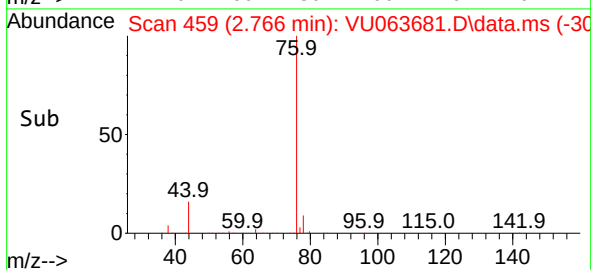
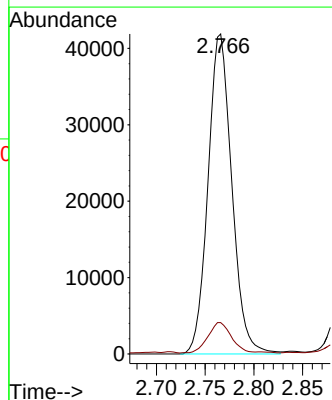
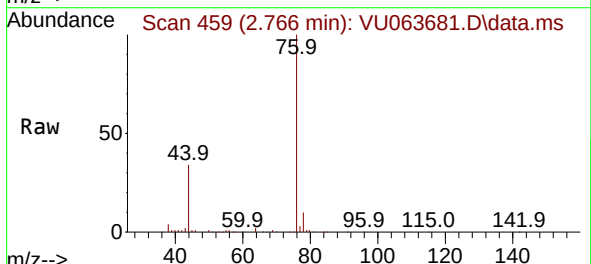
Manual Integrations
APPROVED

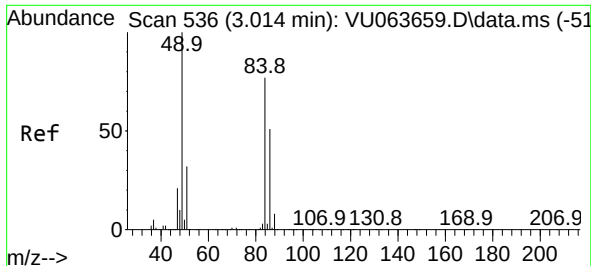
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Carbon Disulfide
Concen: 1.697 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

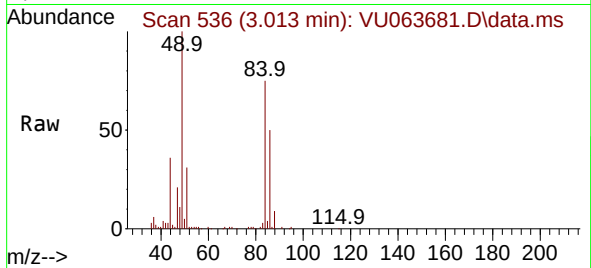
Tgt Ion: 76 Resp: 71142
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#15
Methylene Chloride
Concen: 1.899 ug/l
RT: 3.013 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

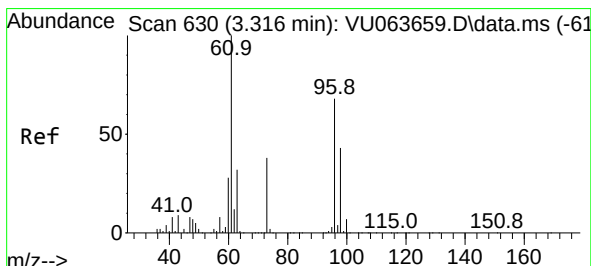
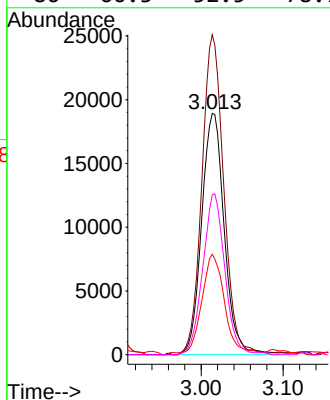
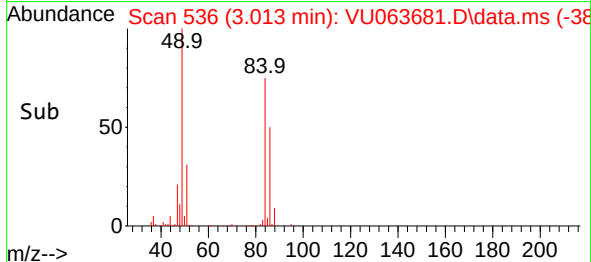
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:	84	Resp:	3631
Ion	Ratio	Lower	Upper
84	100		
49	132.6	103.4	155.0
51	40.9	0.0	81.6
86	66.3	52.5	78.7

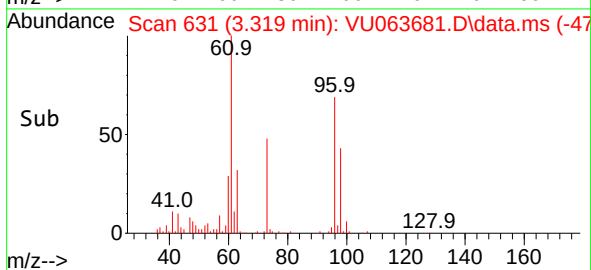
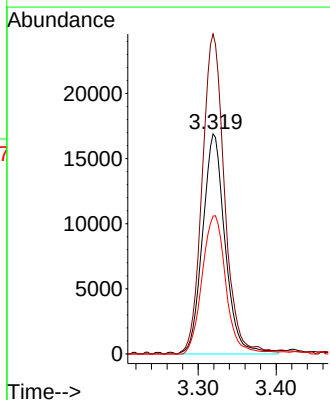
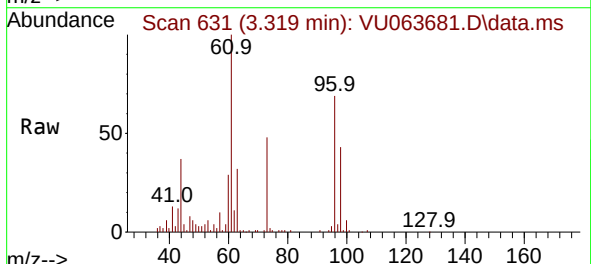
Manual Integrations
APPROVED

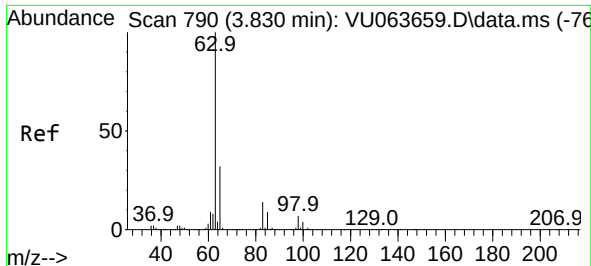
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 2.071 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

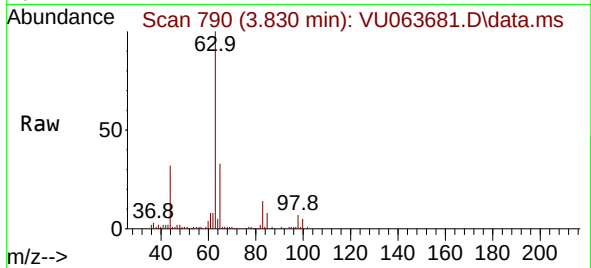
Tgt Ion:	96	Resp:	33982
Ion	Ratio	Lower	Upper
96	100		
61	145.3	117.4	176.2
98	62.6	49.9	74.9





#17
1,1-Dichloroethane
Concen: 2.053 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

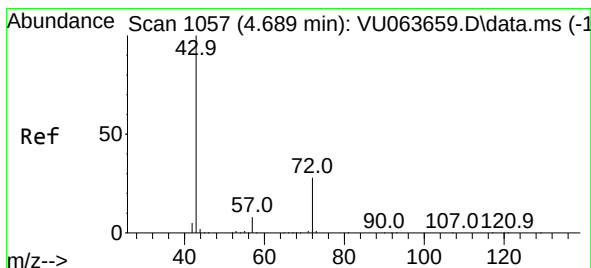
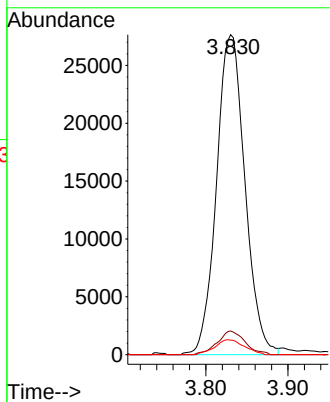
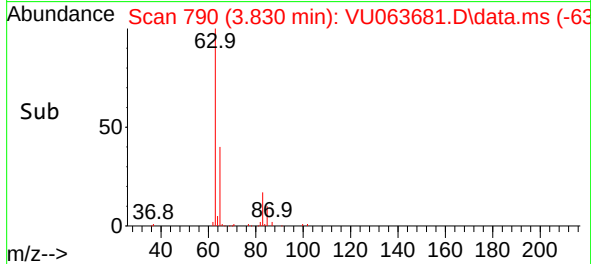
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



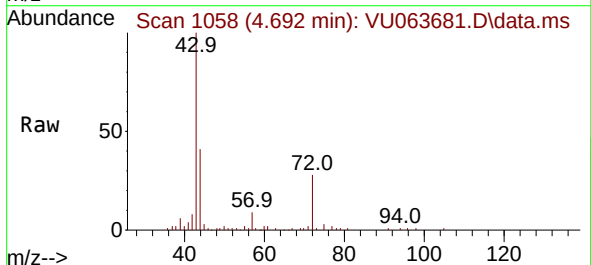
Tgt Ion: 63 Resp: 66725
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 4.5 2.2 6.6

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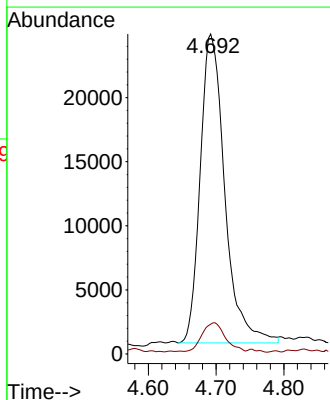
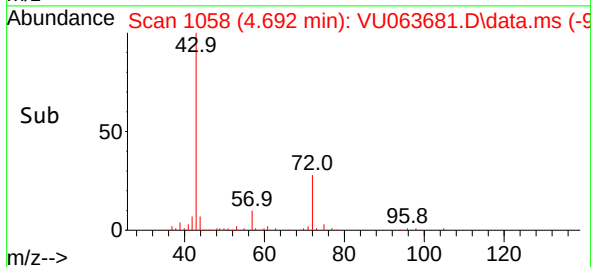
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

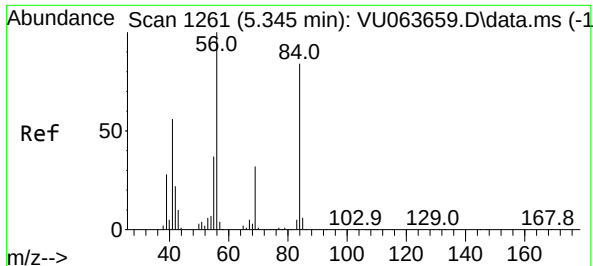


#18
2-Butanone
Concen: 8.795 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



Tgt Ion: 43 Resp: 60643
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 1.994 ug/l

RT: 5.341 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU063681.D

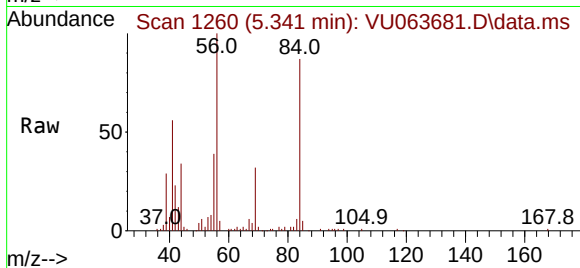
Acq: 07 Nov 2025 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBSD01



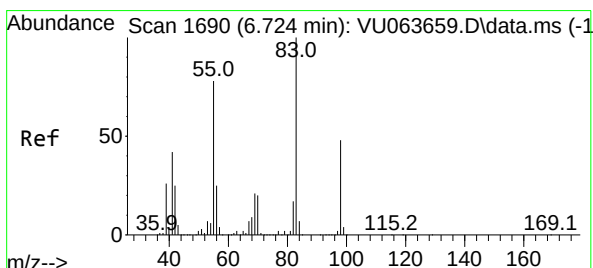
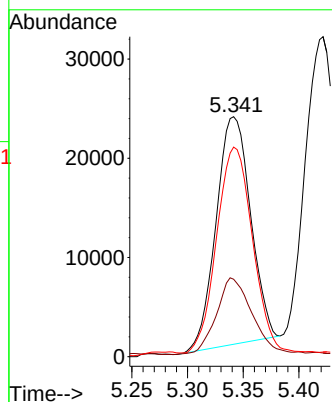
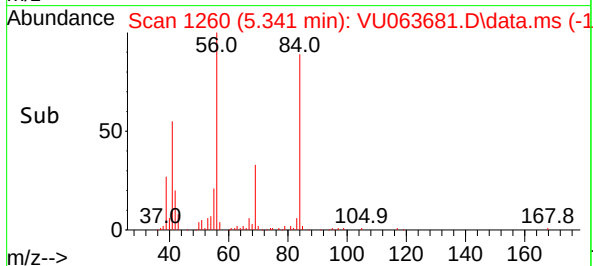
Tgt Ion: 56	Resp: 49514
Ion Ratio	Lower Upper
56	100
69	34.0 27.1 40.7
84	93.8 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 1.939 ug/l

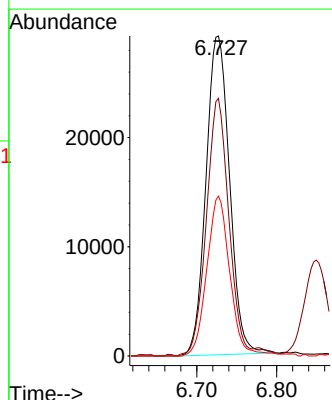
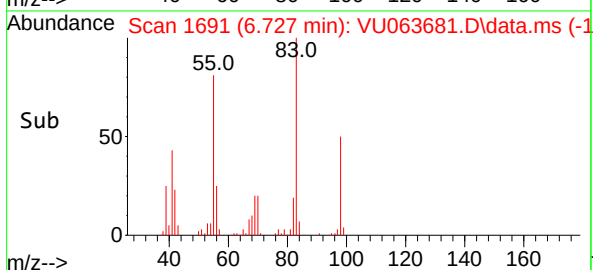
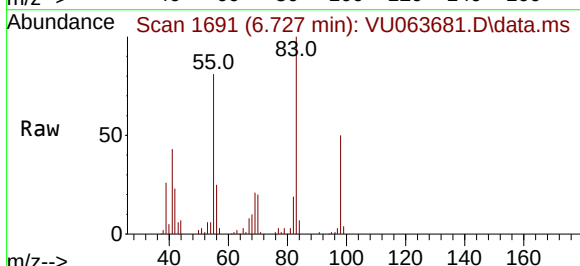
RT: 6.727 min Scan# 1691

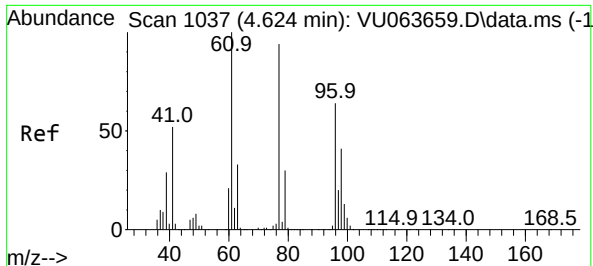
Delta R.T. 0.003 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

Tgt Ion: 83	Resp: 59941
Ion Ratio	Lower Upper
83	100
55	73.7 61.5 92.3
98	48.0 37.9 56.9





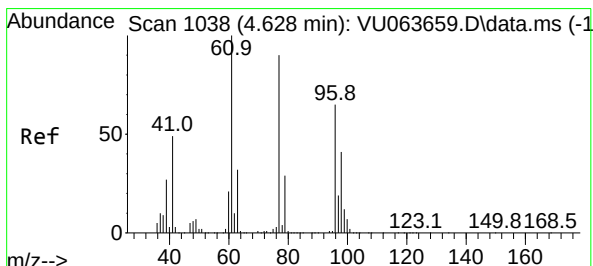
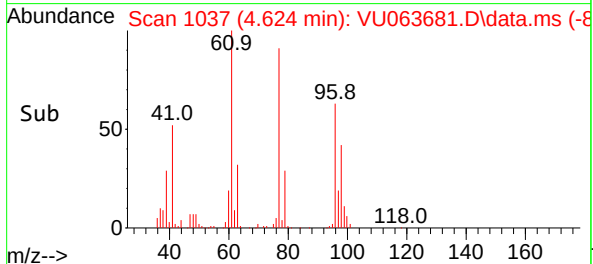
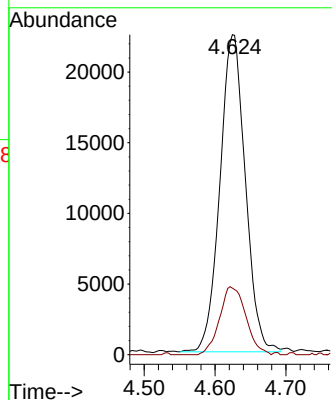
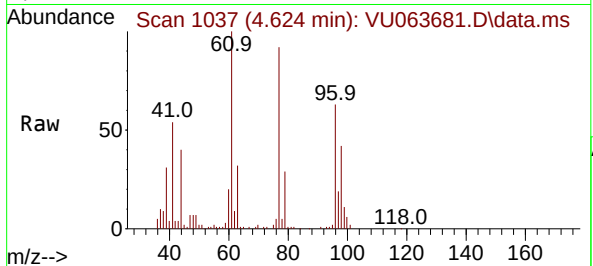
#21
2,2-Dichloropropane
Concen: 1.916 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Tgt Ion: 77 Resp: 55879
Ion Ratio Lower Upper
77 100
97 22.2 17.1 25.7

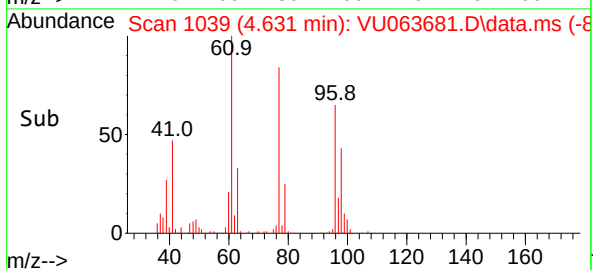
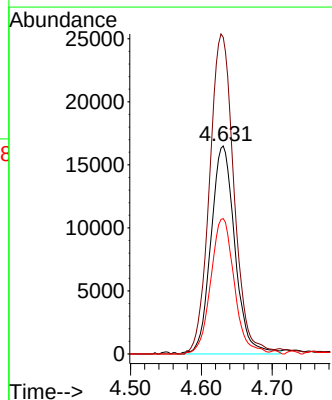
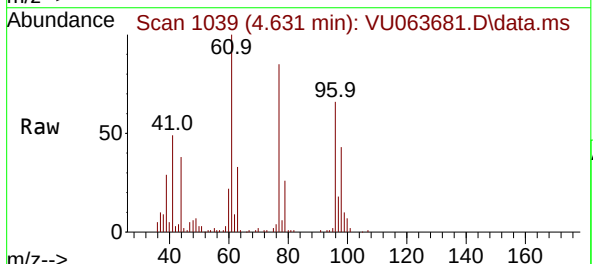
Manual Integrations
APPROVED

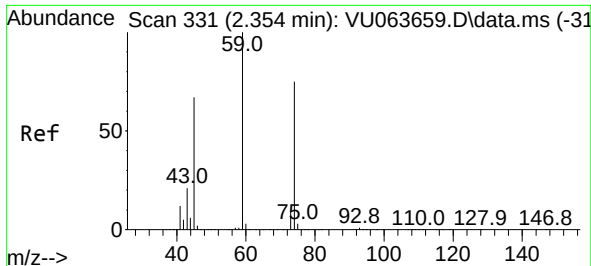
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
cis-1,2-Dichloroethene
Concen: 2.082 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

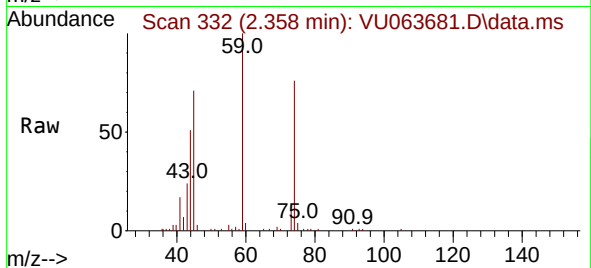
Tgt Ion: 96 Resp: 38898
Ion Ratio Lower Upper
96 100
61 156.0 0.0 385.0
98 63.8 31.3 93.9





#23
Diethyl Ether
Concen: 2.031 ug/l
RT: 2.358 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

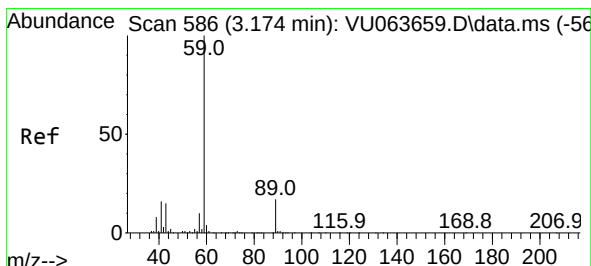
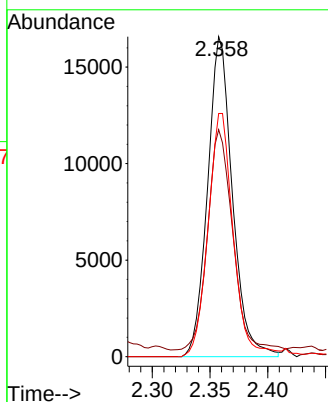
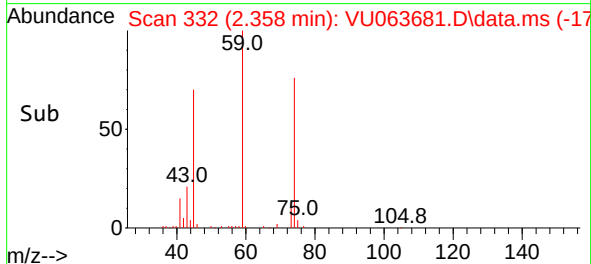
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 59 Resp: 24759
Ion Ratio Lower Upper
59 100
45 68.9 52.6 78.8
74 77.1 59.4 89.2

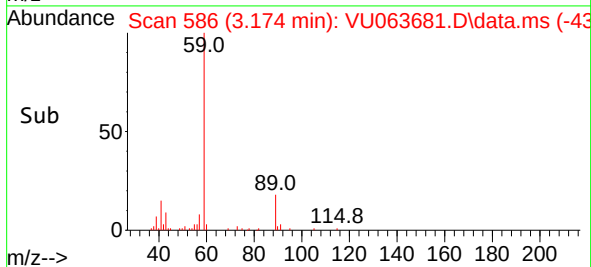
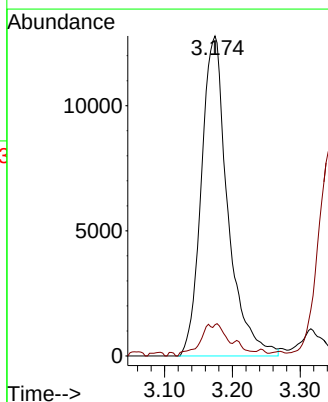
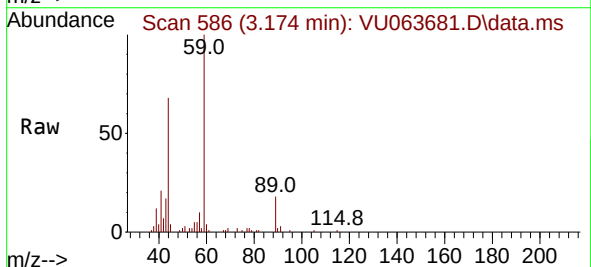
Manual Integrations
APPROVED

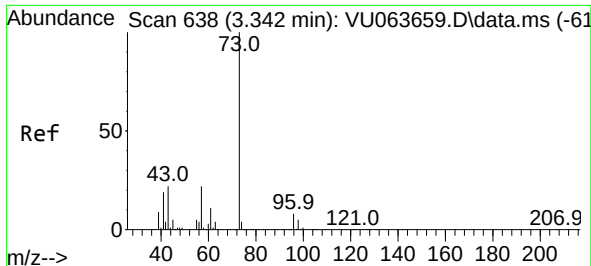
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#24
tert-Butyl Alcohol
Concen: 16.486 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

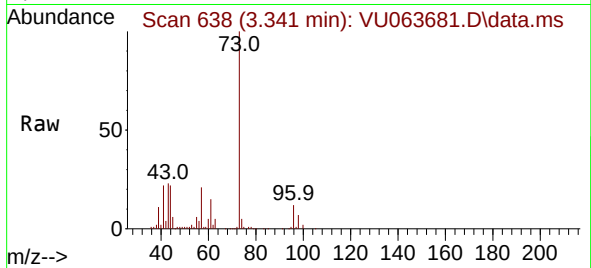
Tgt Ion: 59 Resp: 34641
Ion Ratio Lower Upper
59 100
57 5.0 7.2 10.8#





#25
Methyl tert-Butyl Ether
Concen: 2.044 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

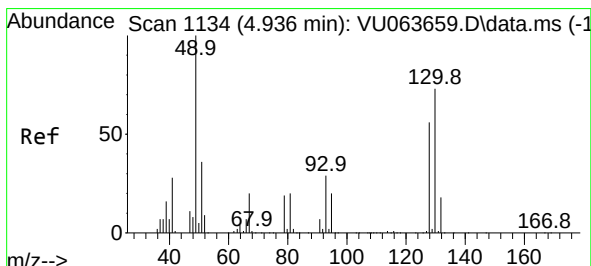
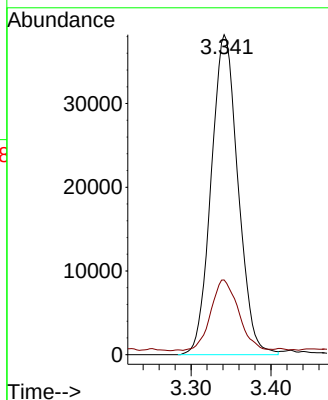
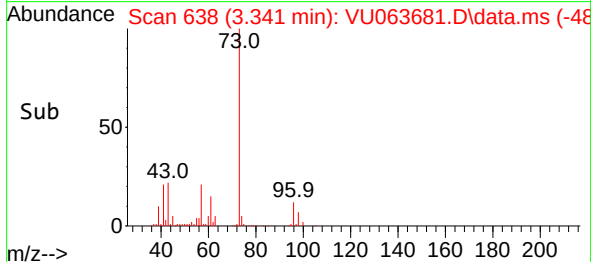
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 73 Resp: 8912
Ion Ratio Lower Upper
73 100
43 22.7 17.4 26.0

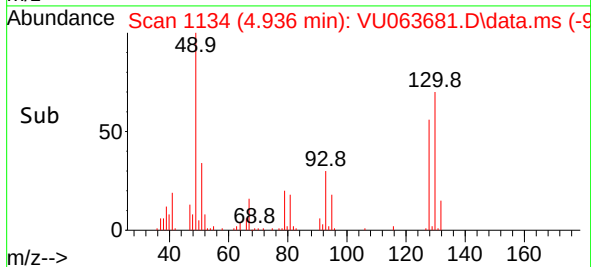
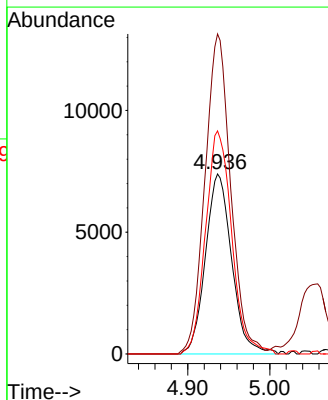
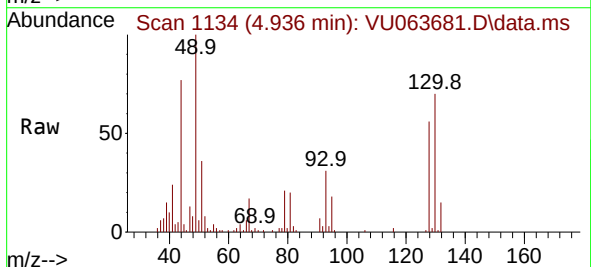
Manual Integrations
APPROVED

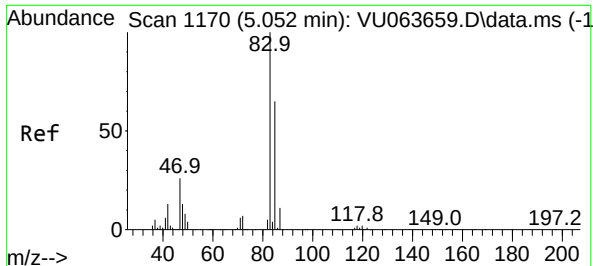
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 2.086 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

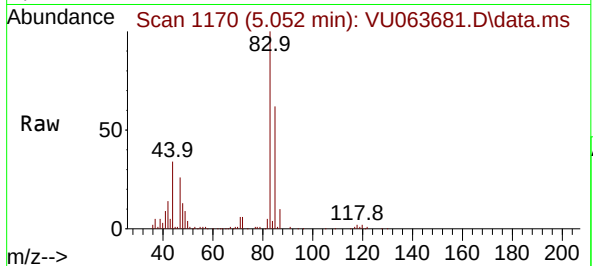
Tgt Ion:128 Resp: 16438
Ion Ratio Lower Upper
128 100
49 174.4 0.0 349.6
130 123.8 102.7 154.1





#27
Chloroform
Concen: 2.109 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

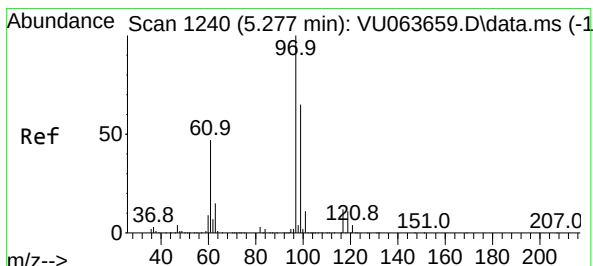
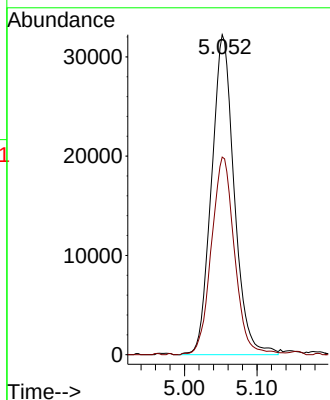
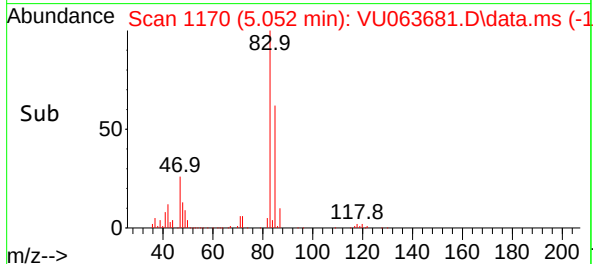
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



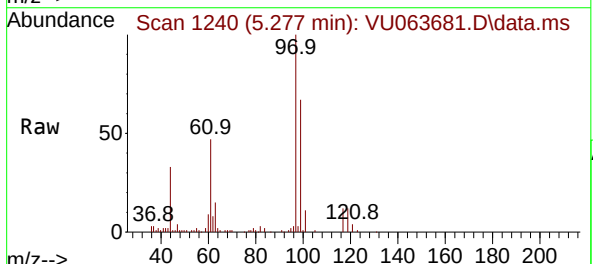
Tgt Ion: 83 Resp: 70135
Ion Ratio Lower Upper
83 100
85 61.8 0.0 130.8

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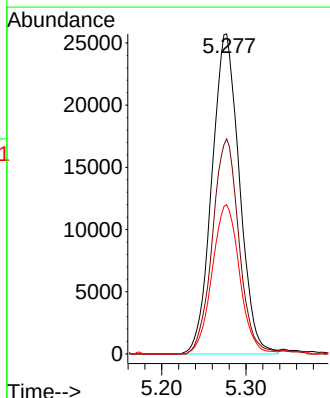
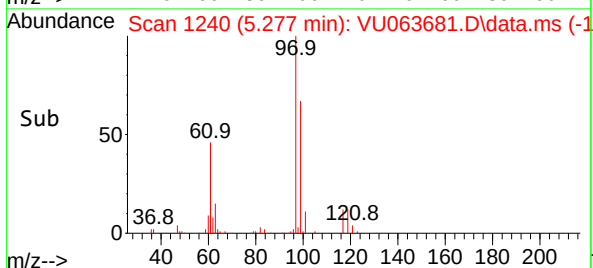
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

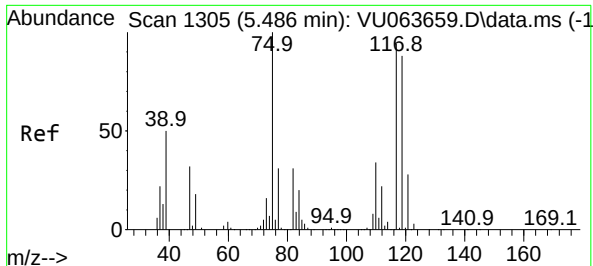


#28
1,1,1-Trichloroethane
Concen: 1.990 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



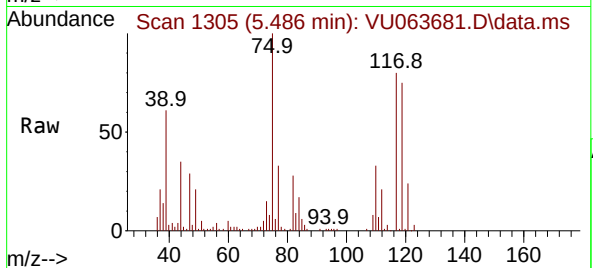
Tgt Ion: 97 Resp: 58357
Ion Ratio Lower Upper
97 100
99 65.3 32.3 96.8
61 46.4 23.3 69.8





#29
1,1-Dichloropropene
Concen: 2.069 ug/l
RT: 5.486 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

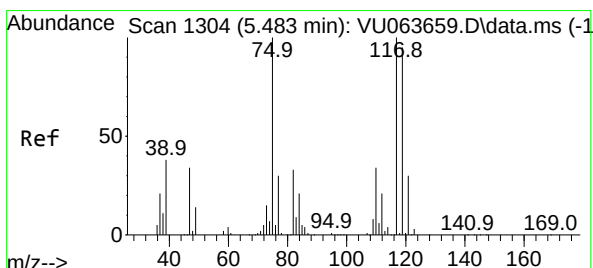
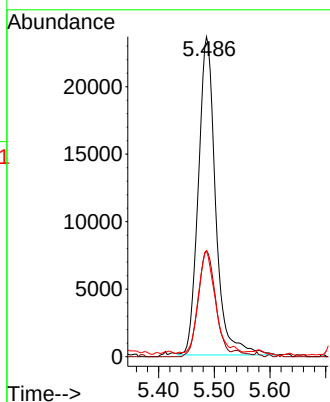
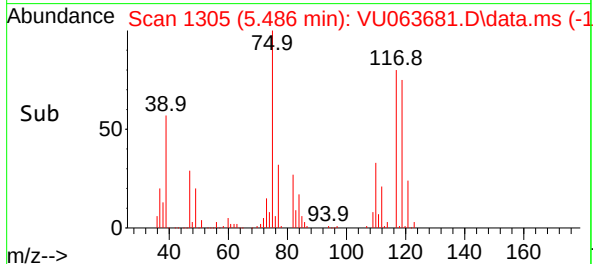
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 75 Resp: 50928
Ion Ratio Lower Upper
75 100
110 33.3 17.2 51.5
77 30.2 24.5 36.7

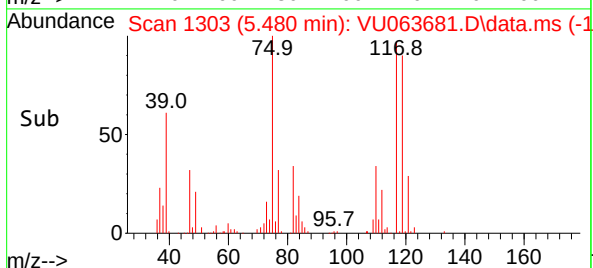
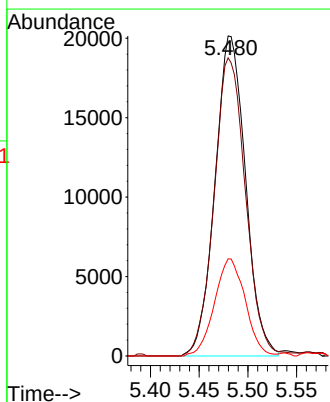
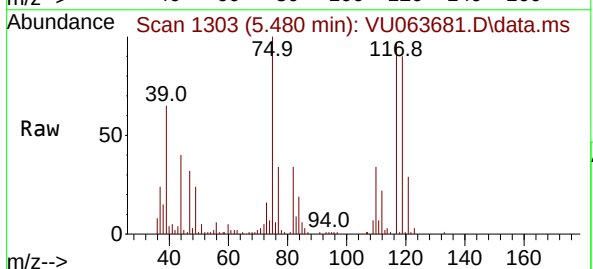
Manual Integrations
APPROVED

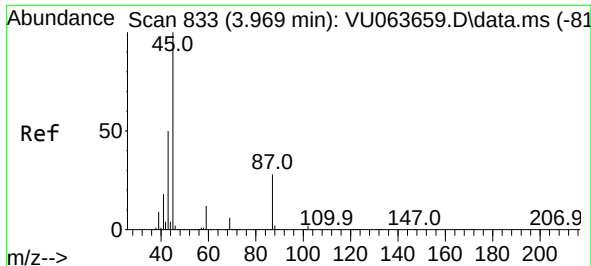
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Carbon Tetrachloride
Concen: 1.893 ug/l
RT: 5.480 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

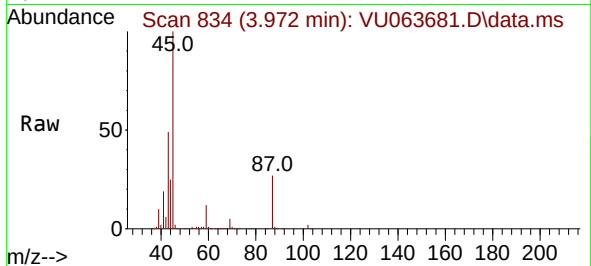
Tgt Ion:117 Resp: 43947
Ion Ratio Lower Upper
117 100
119 93.1 75.7 113.5
121 30.9 23.8 35.6





#31
Isopropyl Ether
Concen: 2.075 ug/l
RT: 3.972 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

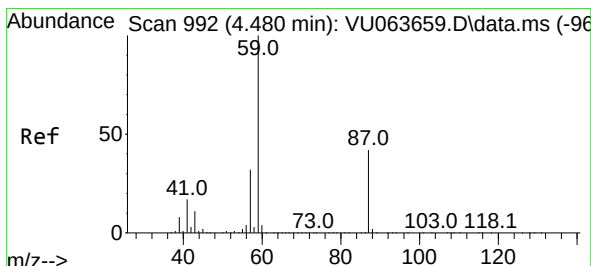
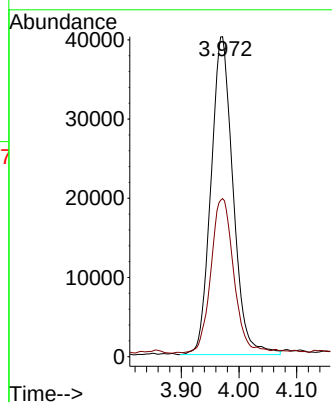
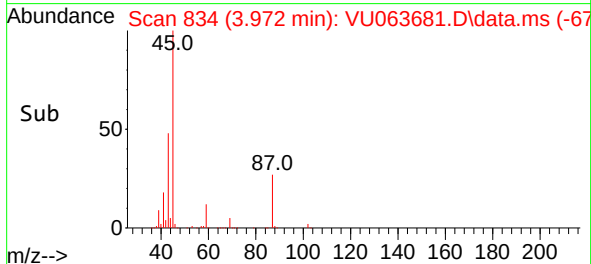
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



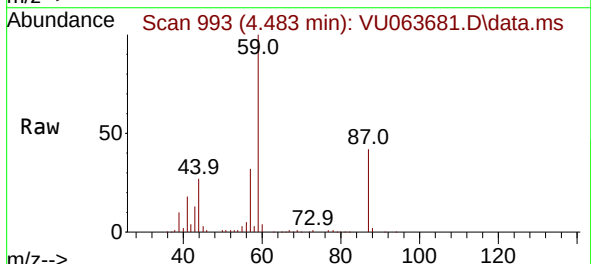
Tgt Ion: 45 Resp: 10683
Ion Ratio Lower Upper
45 100
43 49.6 25.3 75.9

Manual Integrations
APPROVED

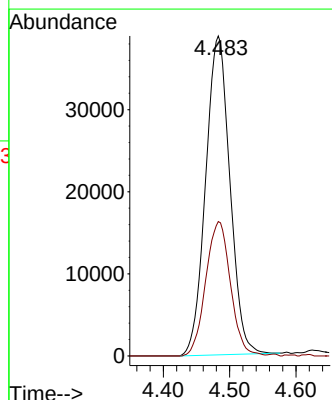
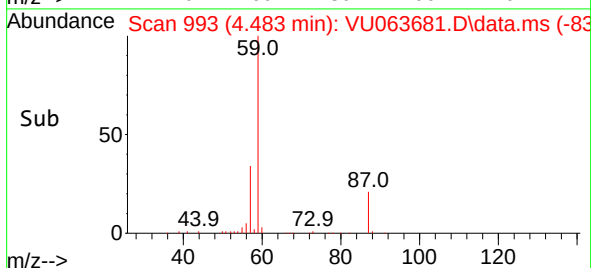
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

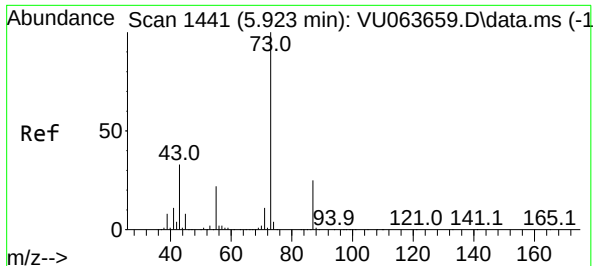


#32
Ethyl-t-butyl ether
Concen: 1.989 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



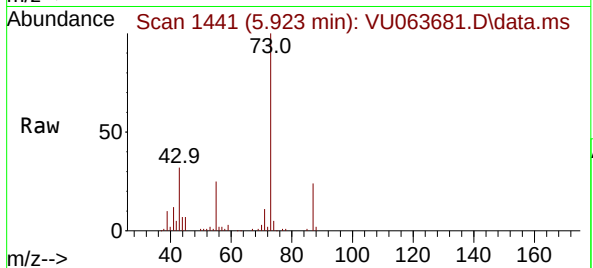
Tgt Ion: 59 Resp: 98659
Ion Ratio Lower Upper
59 100
87 42.4 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 2.037 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

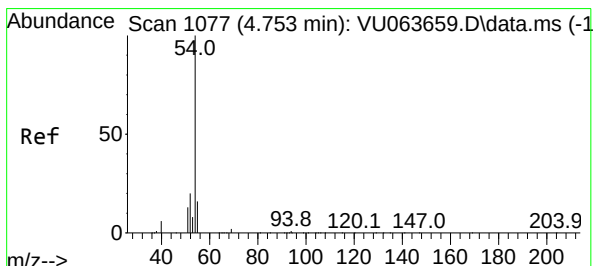
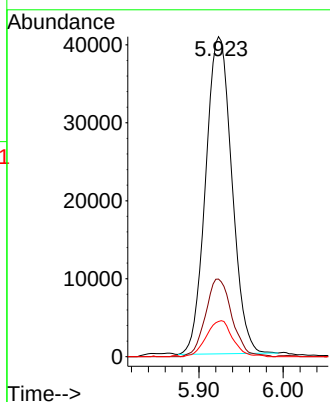
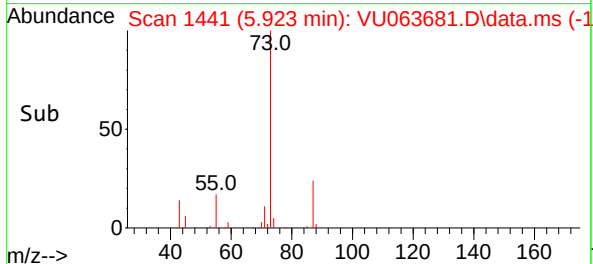
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



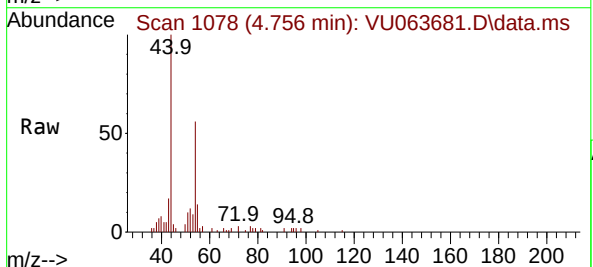
Tgt Ion: 73 Resp: 87958
Ion Ratio Lower Upper
73 100
87 24.6 20.0 30.0
71 11.4 9.0 13.4

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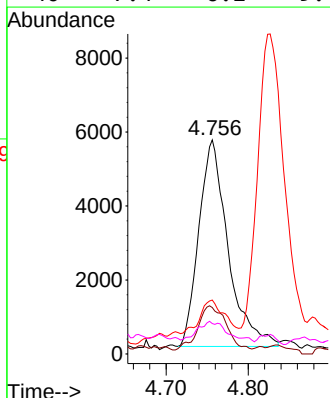
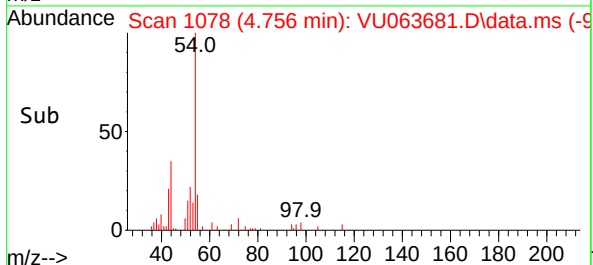
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

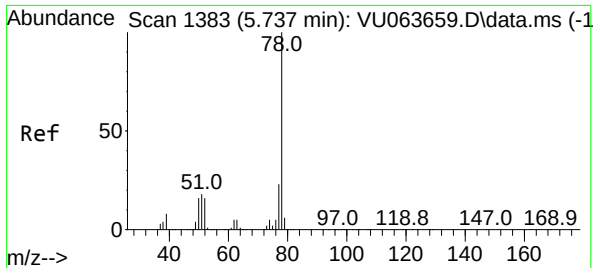


#34
Propionitrile
Concen: 10.243 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



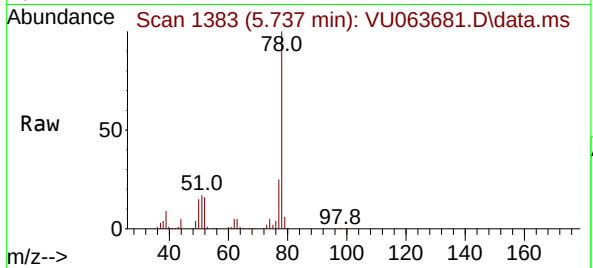
Tgt Ion: 54 Resp: 13801
Ion Ratio Lower Upper
54 100
52 20.5 15.8 23.6
55 15.3 11.3 16.9
40 7.4 6.2 9.4





#35
Benzene
Concen: 2.146 ug/l
RT: 5.737 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

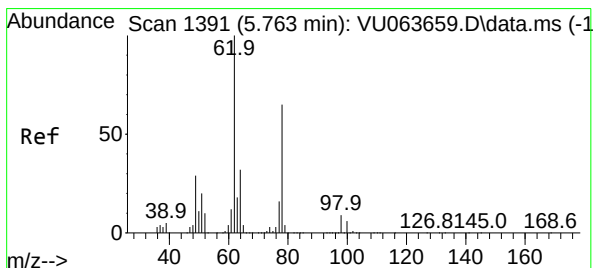
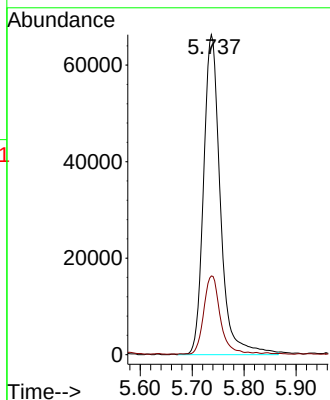
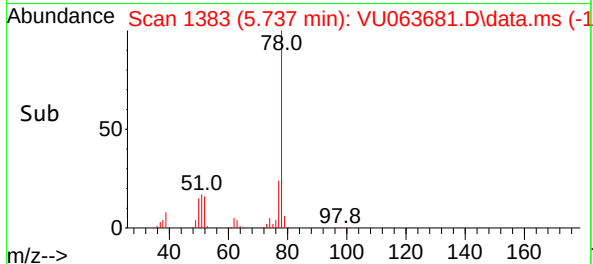
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



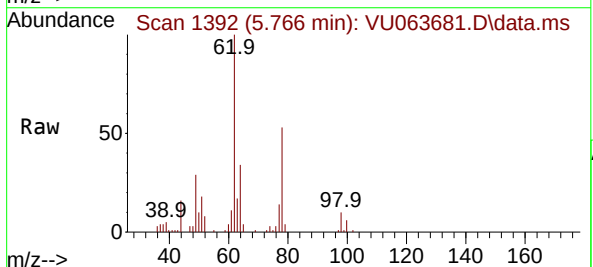
Tgt Ion: 78 Resp: 148914
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5

Manual Integrations
APPROVED

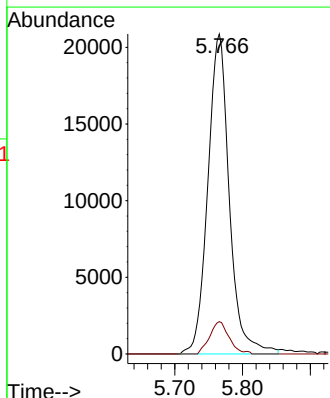
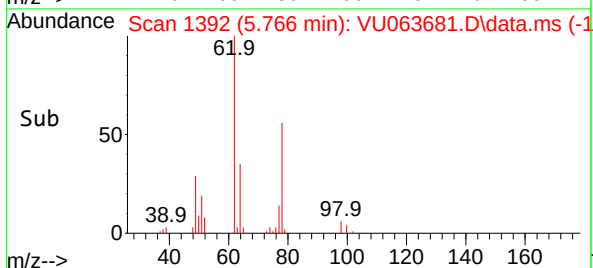
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

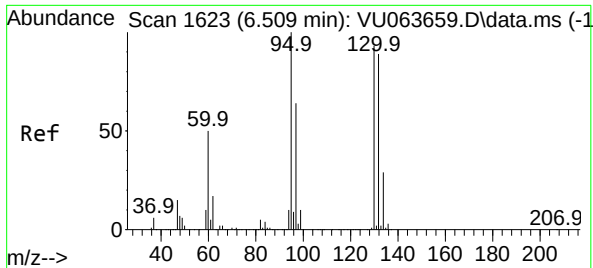


#36
1,2-Dichloroethane
Concen: 2.063 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



Tgt Ion: 62 Resp: 45968
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2





#37

Trichloroethene

Concen: 2.017 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBSD01

Tgt Ion:130 Resp: 39880

Ion Ratio Lower Upper

130 100

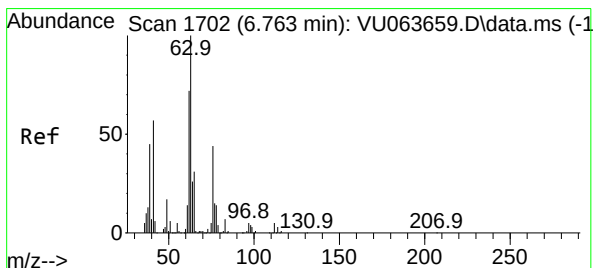
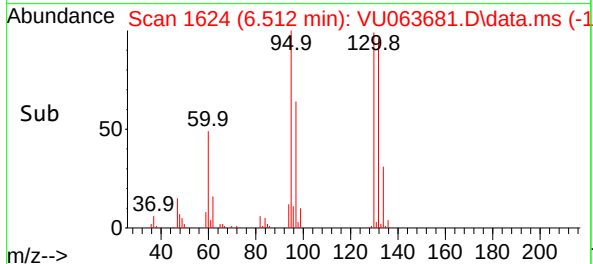
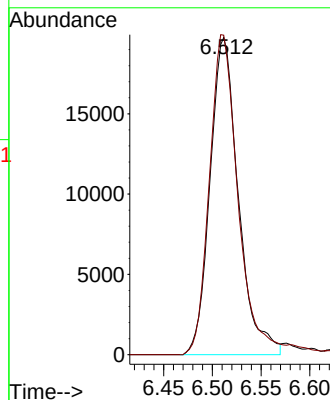
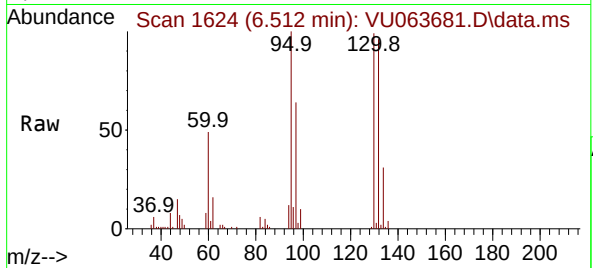
95 100.8 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 1.918 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063681.D

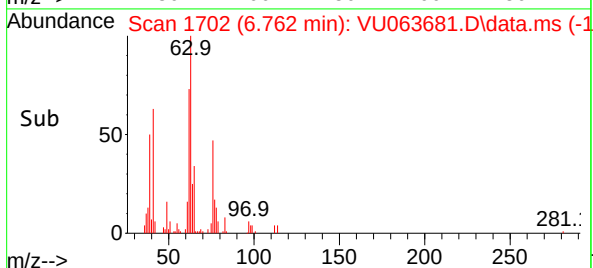
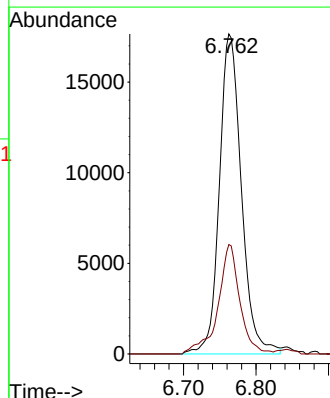
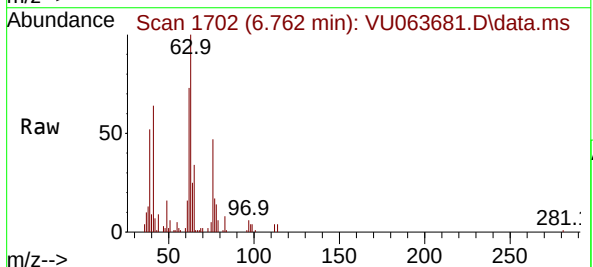
Acq: 07 Nov 2025 11:42

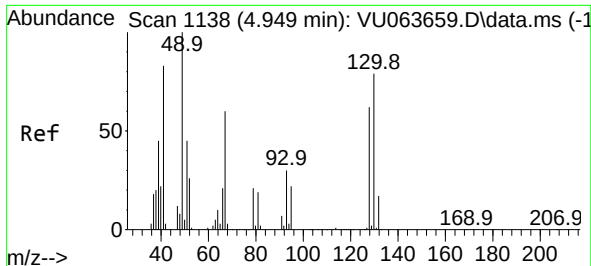
Tgt Ion: 63 Resp: 37246

Ion Ratio Lower Upper

63 100

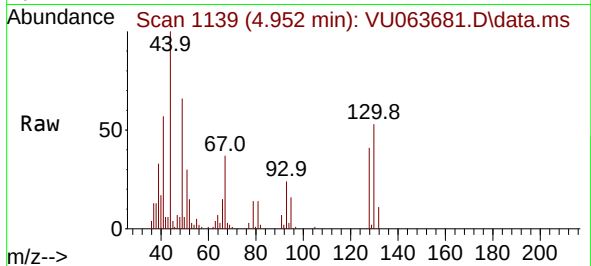
65 34.2 24.5 36.7





#39
Methacrylonitrile
Concen: 1.851 ug/l
RT: 4.952 min Scan# 1138
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

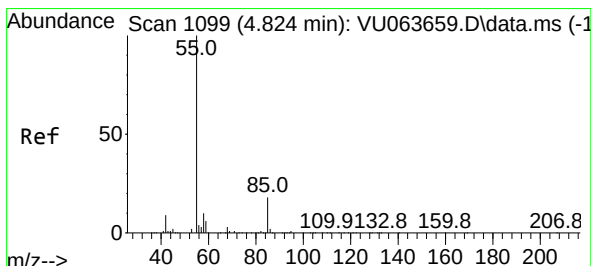
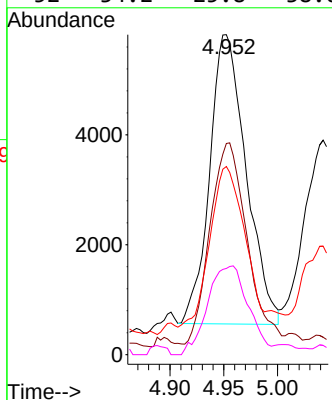
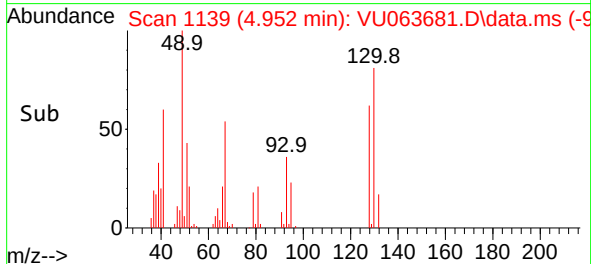
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion	Ratio	Lower	Upper
41	100		
67	70.4	61.4	92.2
39	55.1	46.5	69.7
52	34.2	25.8	38.6

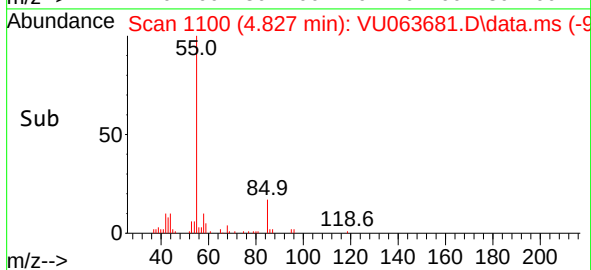
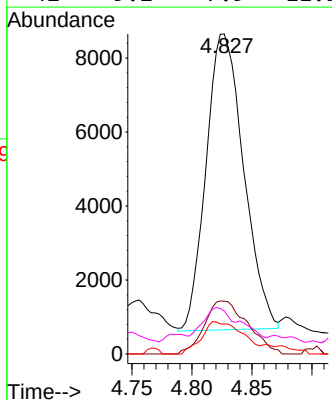
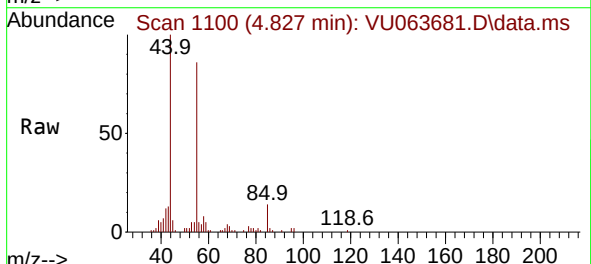
Manual Integrations
APPROVED

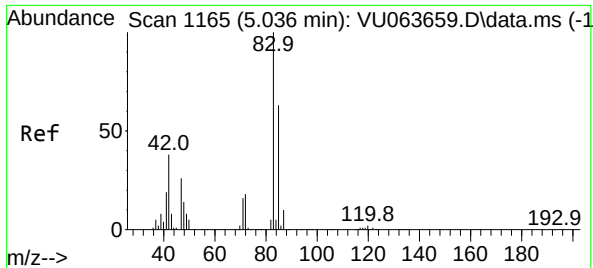
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Methyl acrylate
Concen: 1.790 ug/l
RT: 4.827 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

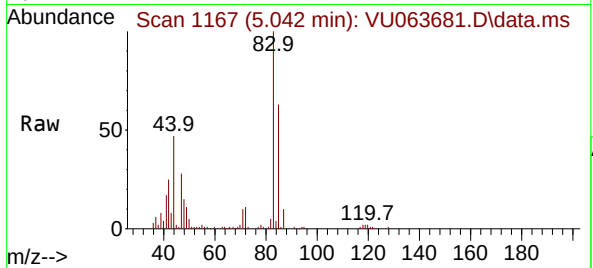
Tgt Ion	Ratio	Lower	Upper
55	100		
85	20.5	15.3	22.9
58	11.8	7.7	11.5
42	9.2	7.9	11.9





#41
Tetrahydrofuran
Concen: 4.164 ug/l
RT: 5.042 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

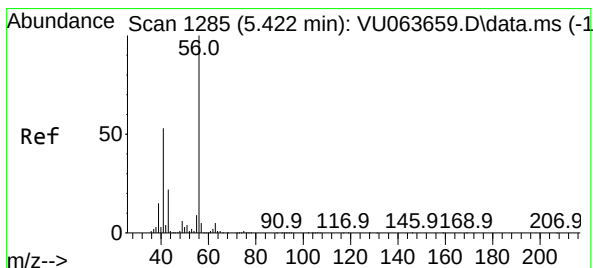
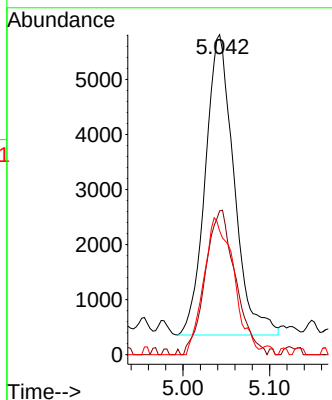
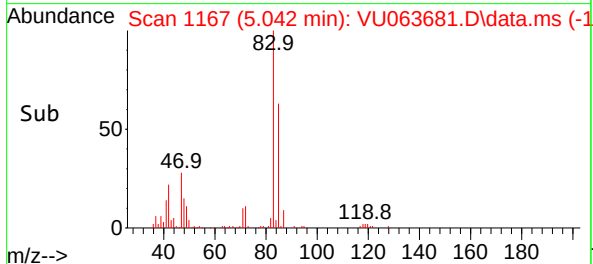
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



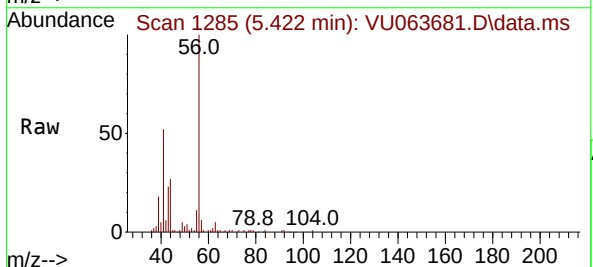
Tgt Ion: 42 Resp: 1256
Ion Ratio Lower Upper
42 100
72 50.6 40.5 60.7
71 47.7 35.0 52.6

Manual Integrations
APPROVED

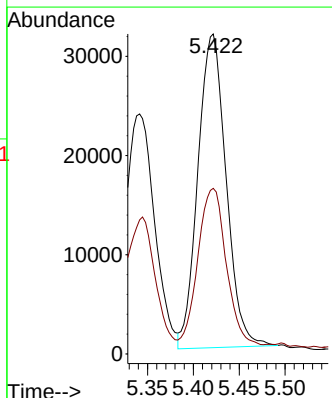
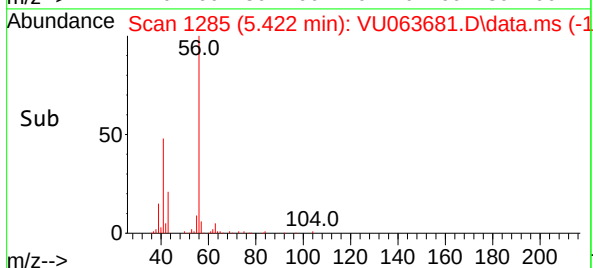
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

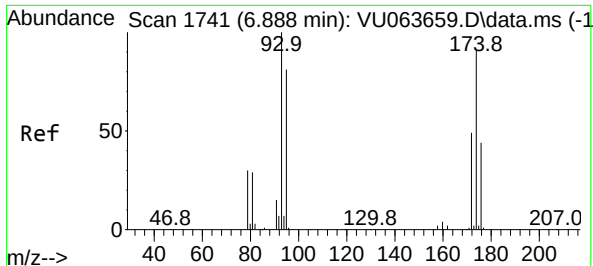


#42
1-Chlorobutane
Concen: 2.053 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



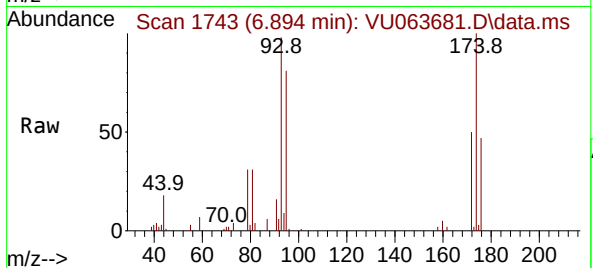
Tgt Ion: 56 Resp: 67723
Ion Ratio Lower Upper
56 100
41 50.3 25.9 77.6





#43
Dibromomethane
Concen: 1.935 ug/l
RT: 6.894 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

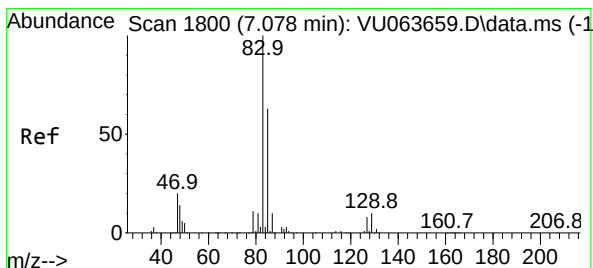
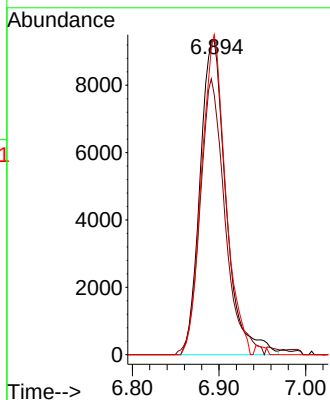
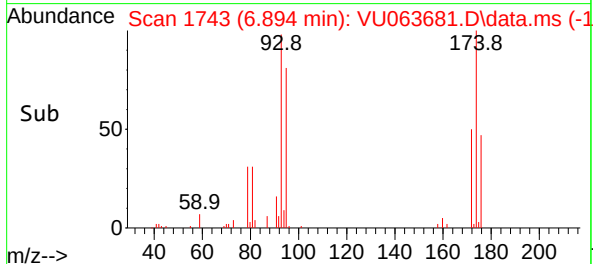
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



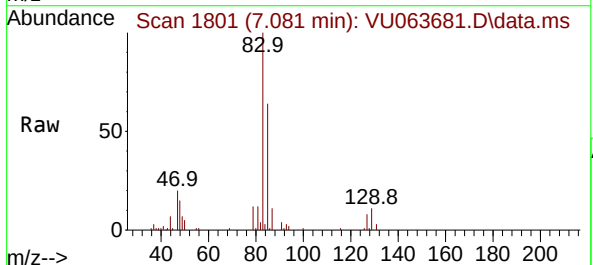
Tgt Ion: 93 Resp: 19430
Ion Ratio Lower Upper
93 100
95 83.6 64.6 97.0
174 93.8 73.8 110.8

Manual Integrations
APPROVED

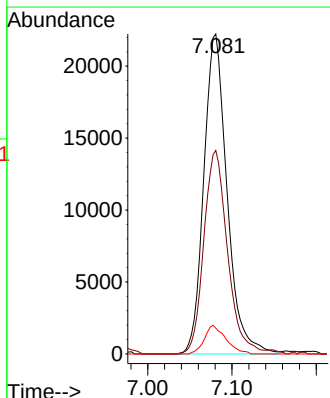
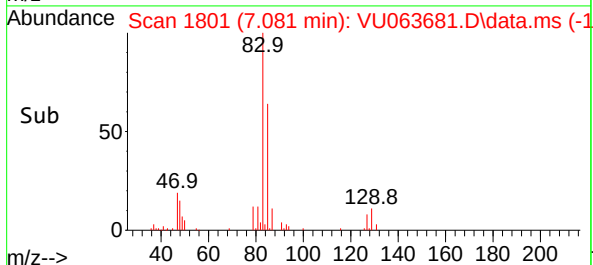
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

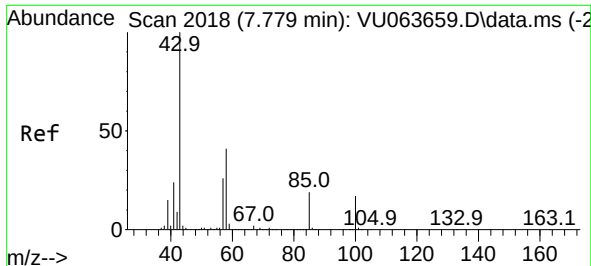


#44
Bromodichloromethane
Concen: 1.741 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



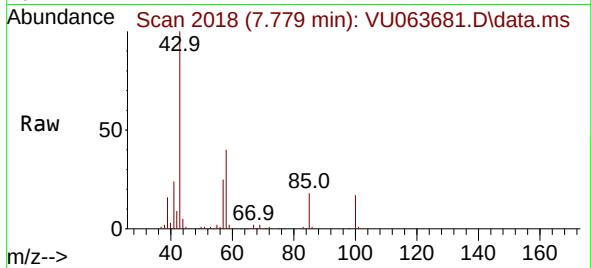
Tgt Ion: 83 Resp: 42775
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 8.1 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 9.211 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

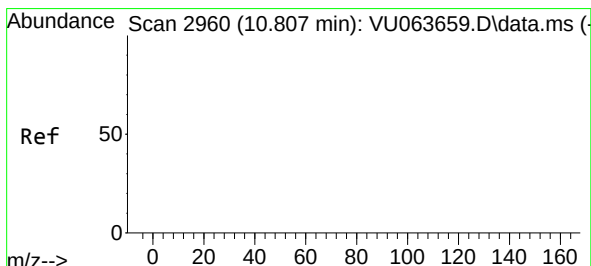
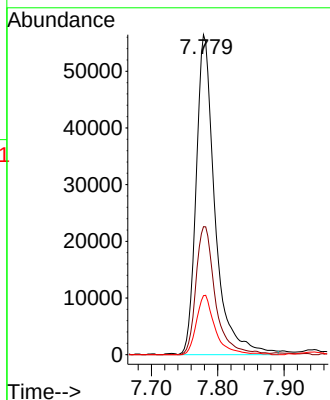
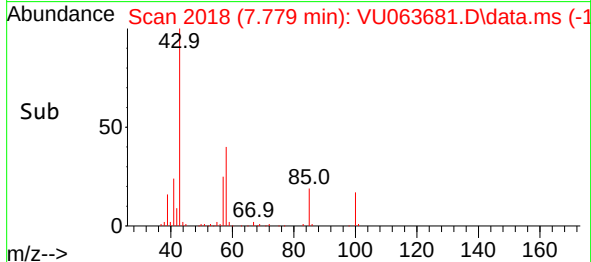
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 43 Resp: 111574
Ion Ratio Lower Upper
43 100
58 41.2 20.2 60.5
85 18.2 15.0 22.6

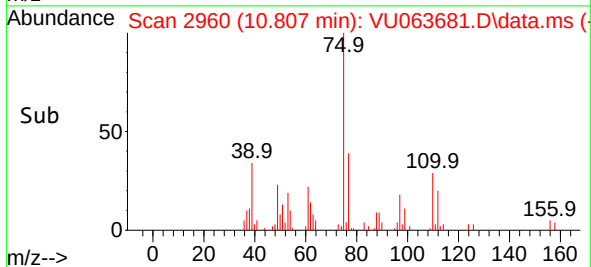
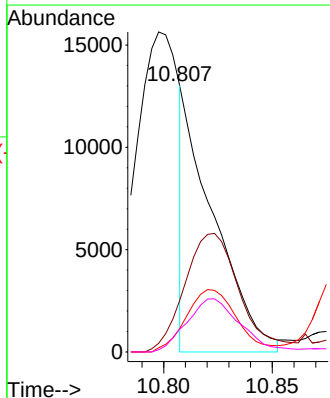
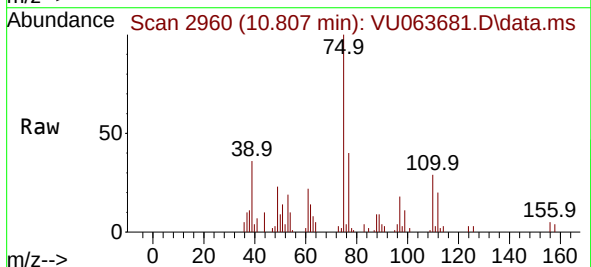
Manual Integrations
APPROVED

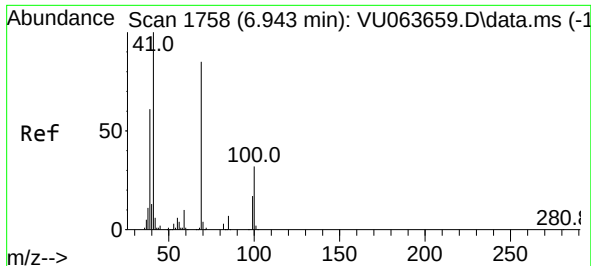
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 2.985 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

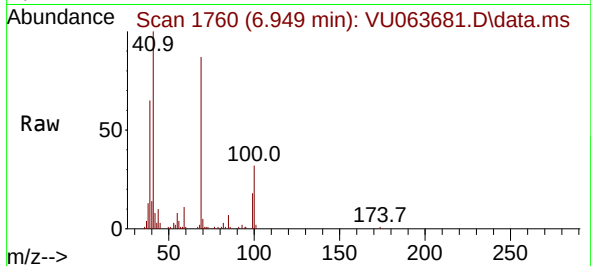
Tgt Ion: 75 Resp: 12541
Ion Ratio Lower Upper
75 100
53 81.0 57.2 85.8
89 39.6 37.9 56.9
88 35.5 30.1 45.1





#47
Methyl methacrylate
Concen: 3.640 ug/l
RT: 6.949 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

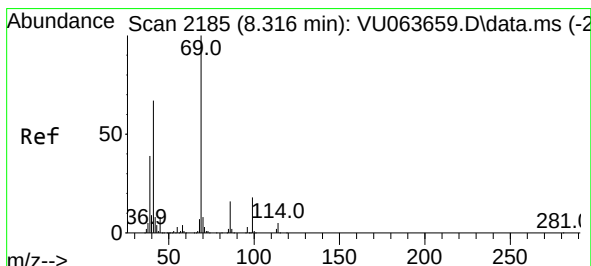
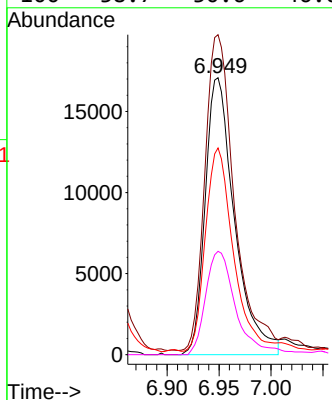
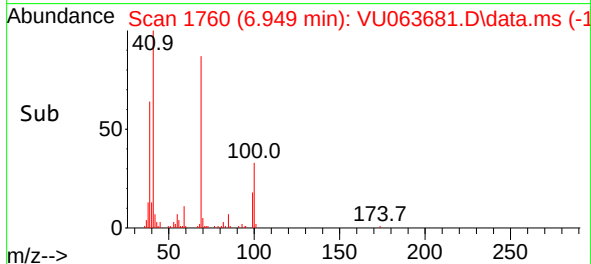
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 69 Resp: 33640
Ion Ratio Lower Upper
69 100
41 114.1 0.0 228.2
39 71.4 56.2 84.4
100 38.7 30.6 46.0

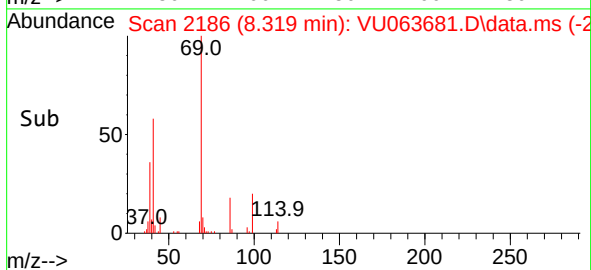
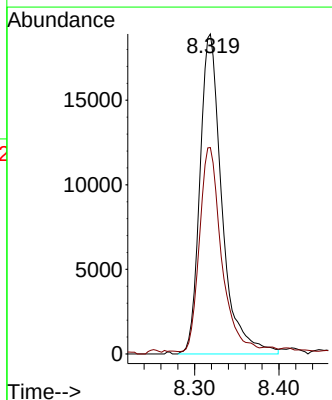
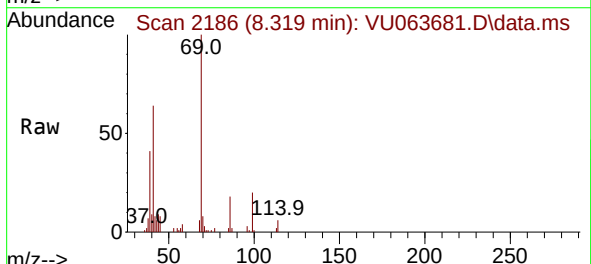
Manual Integrations
APPROVED

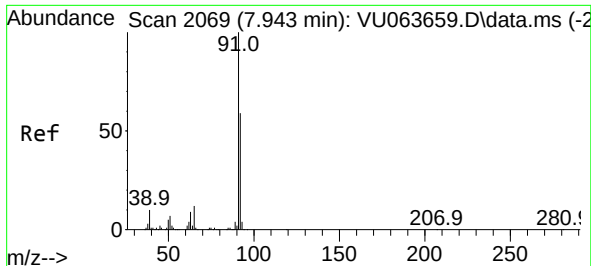
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 1.835 ug/l
RT: 8.319 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

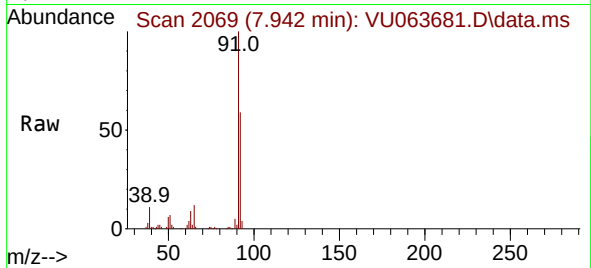
Tgt Ion: 69 Resp: 34502
Ion Ratio Lower Upper
69 100
41 63.2 32.8 98.3





#49
Toluene
Concen: 1.980 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

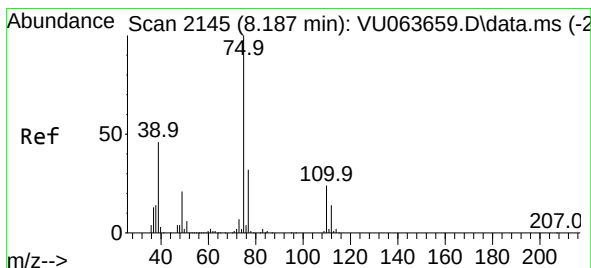
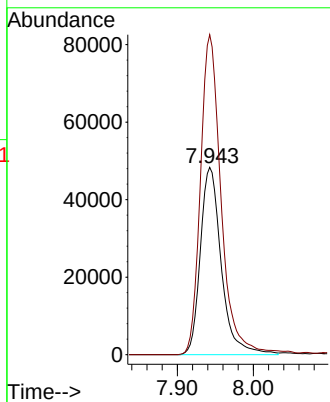
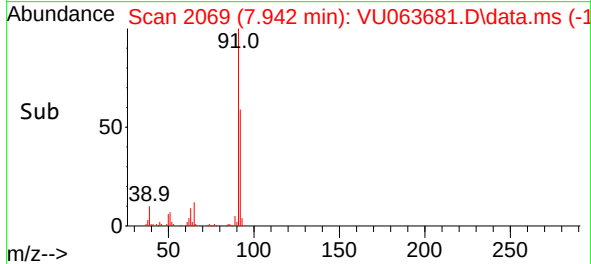
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 92 Resp: 92635
Ion Ratio Lower Upper
92 100
91 169.5 136.8 205.2

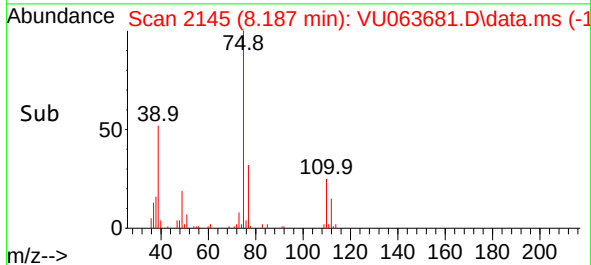
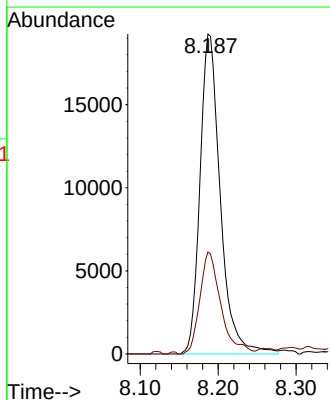
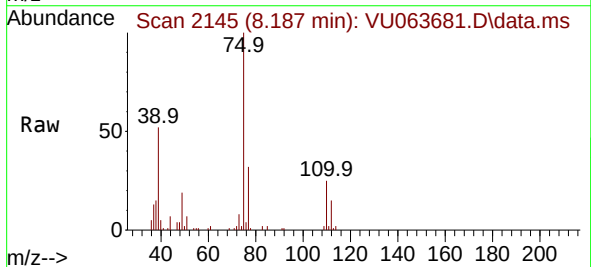
Manual Integrations
APPROVED

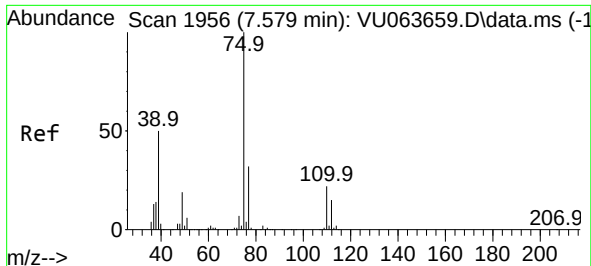
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
t-1,3-Dichloropropene
Concen: 1.631 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

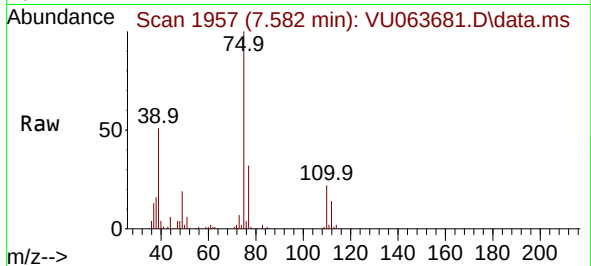
Tgt Ion: 75 Resp: 34811
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 1.703 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

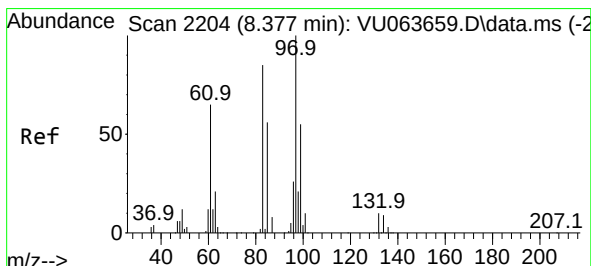
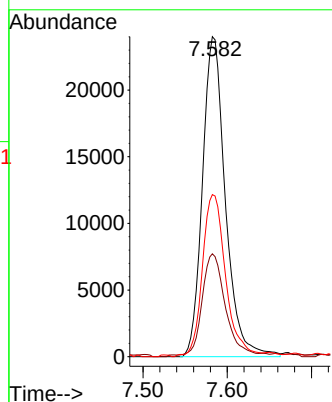
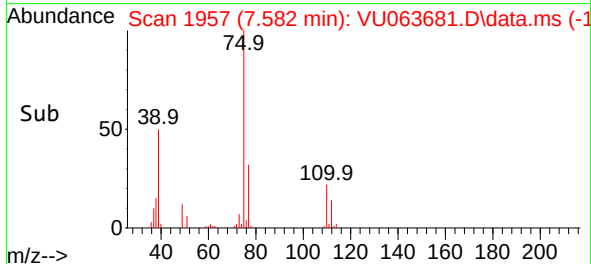
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBSD01



Tgt Ion: 75 Resp: 45460
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 50.0 39.9 59.9

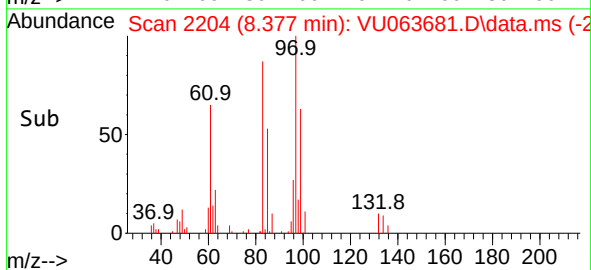
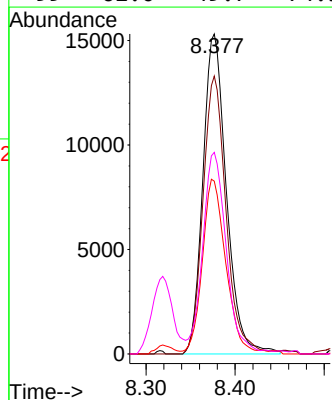
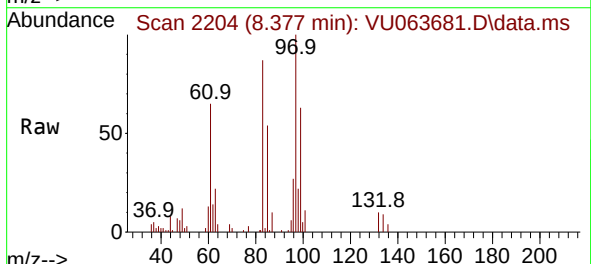
Manual Integrations
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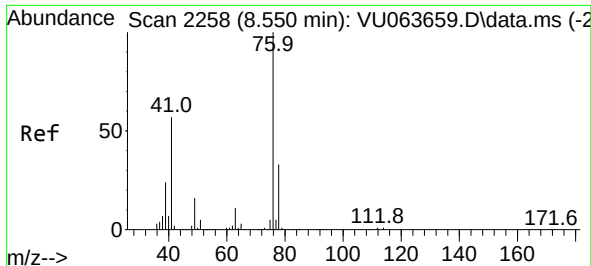
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.057 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

Tgt Ion: 97 Resp: 28090
 Ion Ratio Lower Upper
 97 100
 83 86.8 68.3 102.5
 85 53.2 45.3 67.9
 99 62.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.886 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBSD01

Tgt Ion: 76 Resp: 46010

Ion Ratio Lower Upper

76 100

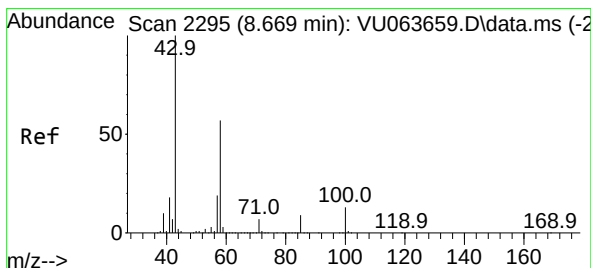
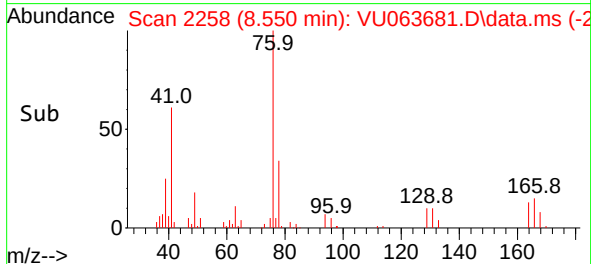
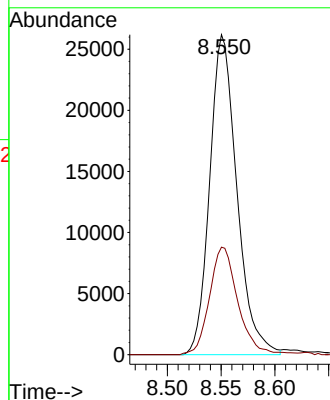
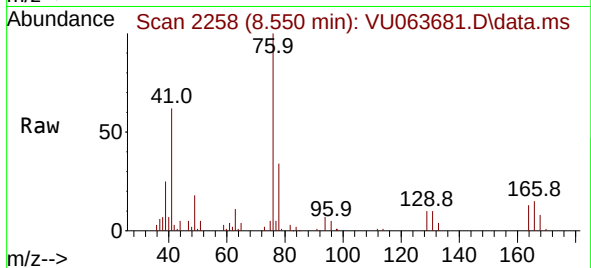
78 35.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 8.141 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

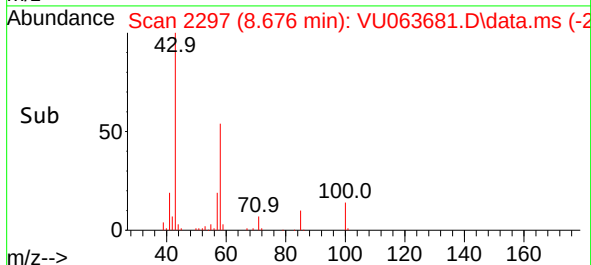
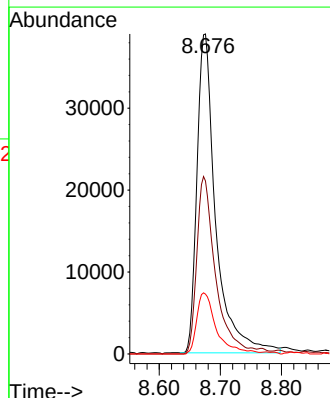
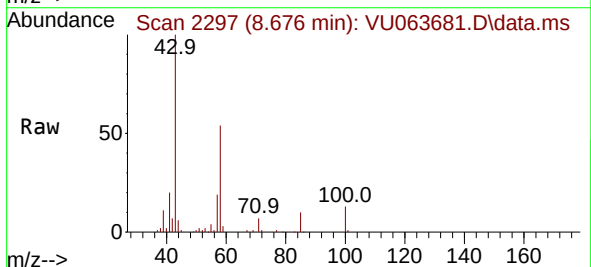
Tgt Ion: 43 Resp: 83260

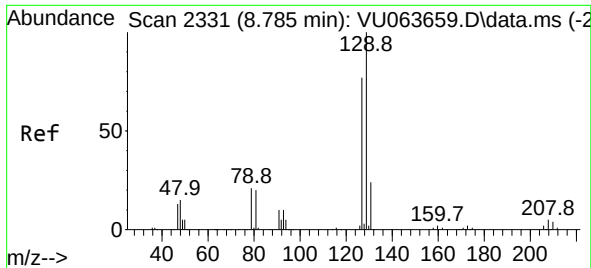
Ion Ratio Lower Upper

43 100

58 55.2 36.3 76.3

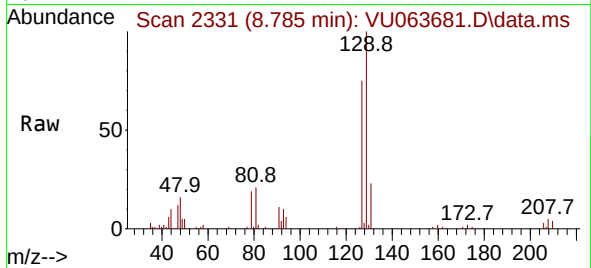
57 20.0 0.0 39.7





#55
Dibromochloromethane
Concen: 1.696 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

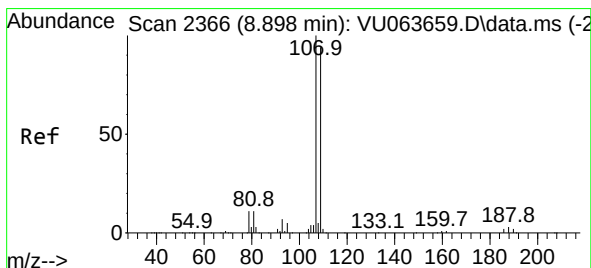
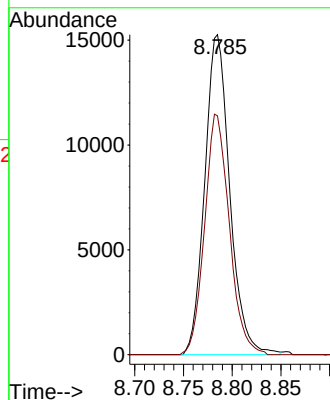
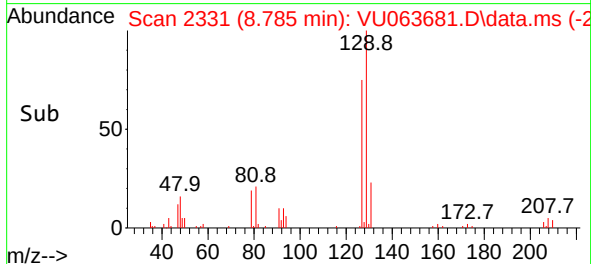
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:129 Resp: 2727
Ion Ratio Lower Upper
129 100
127 74.2 61.4 92.0

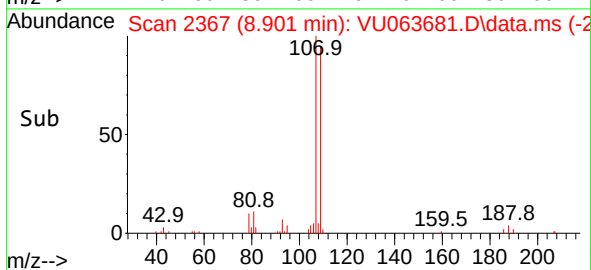
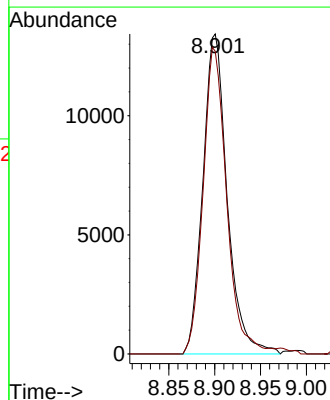
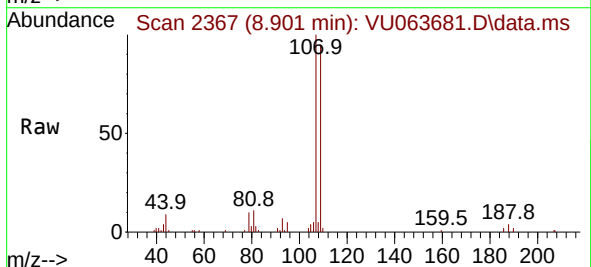
Manual Integrations
APPROVED

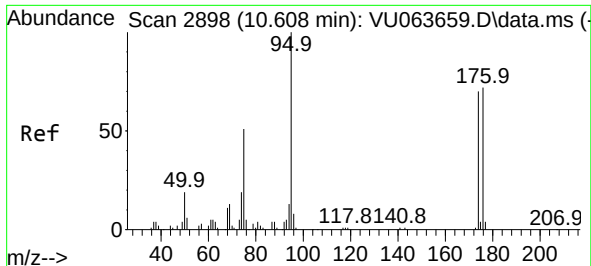
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
1,2-Dibromoethane
Concen: 1.909 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

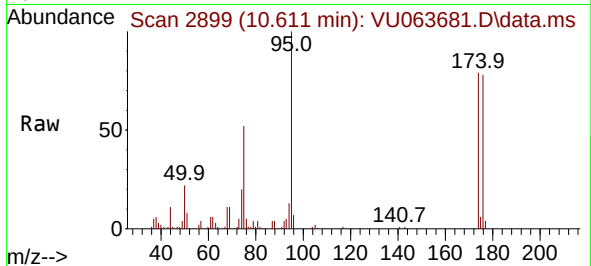
Tgt Ion:107 Resp: 24804
Ion Ratio Lower Upper
107 100
109 92.9 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.969 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

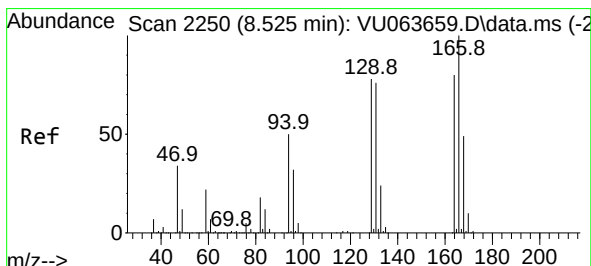
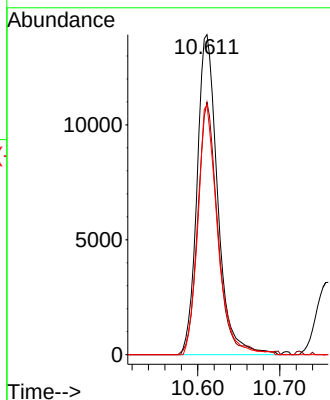
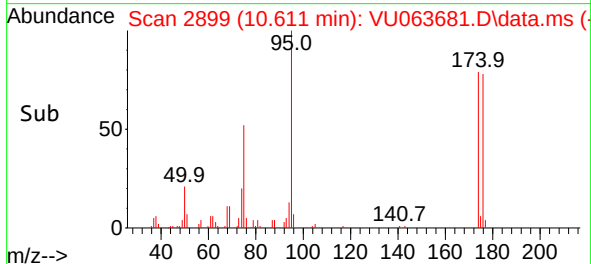
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 95 Resp: 2420
Ion Ratio Lower Upper
95 100
174 77.2 59.9 89.9
176 75.3 58.8 88.2

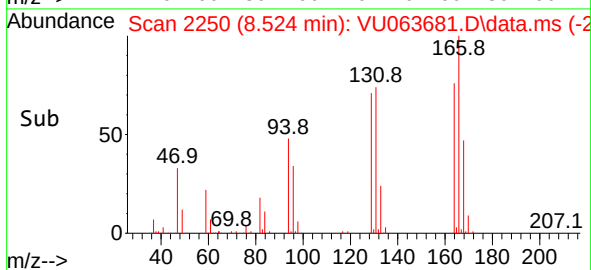
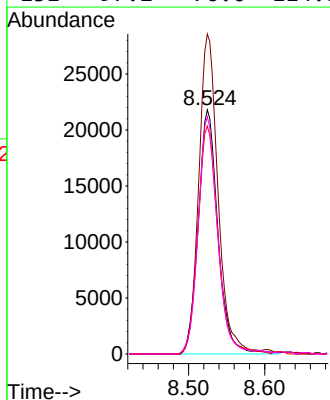
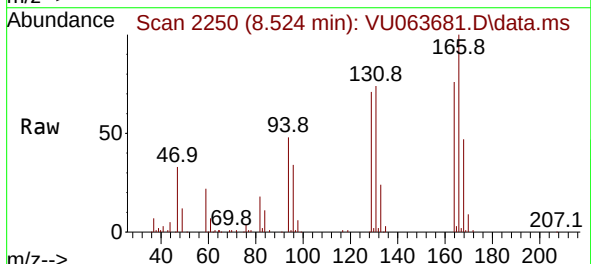
Manual Integrations
APPROVED

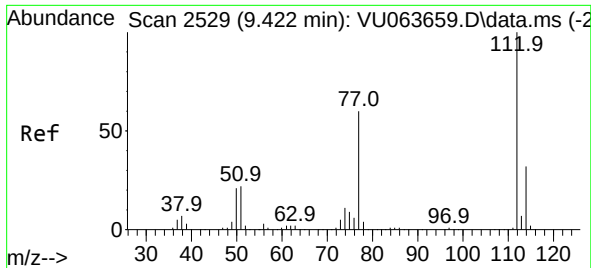
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 2.029 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

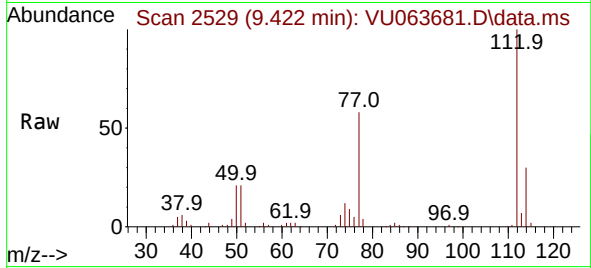
Tgt Ion:164 Resp: 39248
Ion Ratio Lower Upper
164 100
166 131.1 100.1 150.1
129 93.4 77.6 116.4
131 97.2 76.6 114.8





#59
Chlorobenzene
Concen: 2.030 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

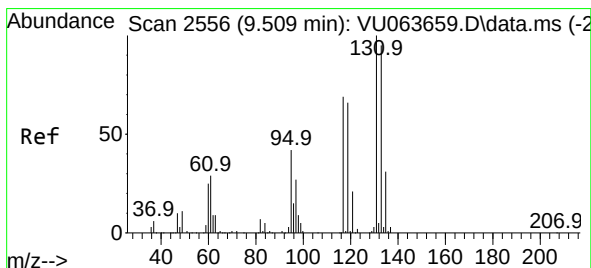
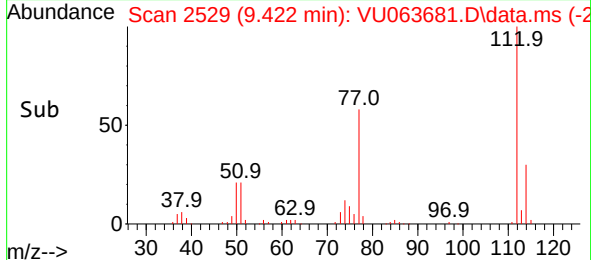
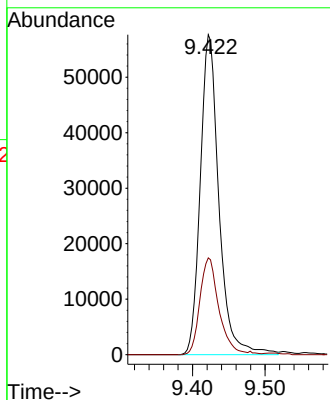
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:112 Resp: 10303
Ion Ratio Lower Upper
112 100
114 30.2 26.0 39.0

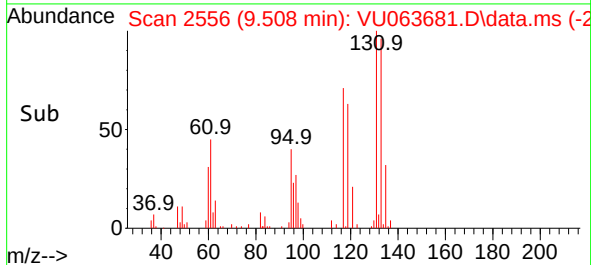
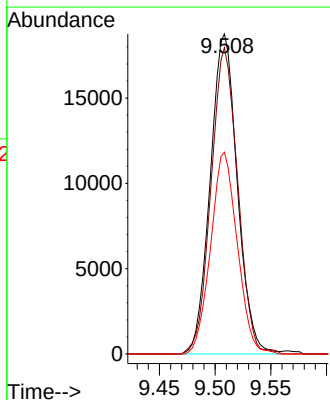
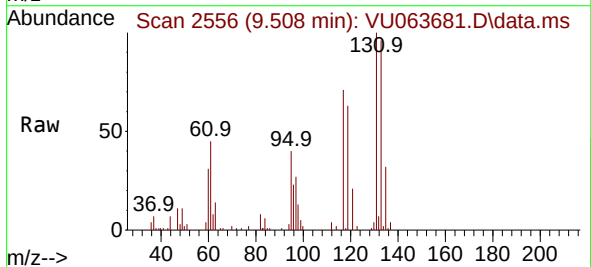
Manual Integrations
APPROVED

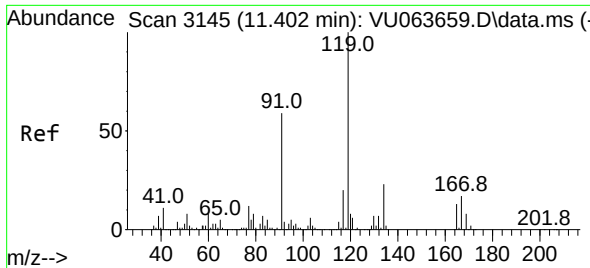
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.782 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

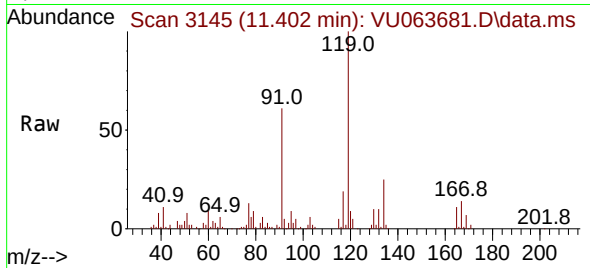
Tgt Ion:131 Resp: 31661
Ion Ratio Lower Upper
131 100
133 94.6 77.0 115.6
119 62.0 52.8 79.2





#61
 Pentachloroethane
 Concen: 1.750 ug/l
 RT: 11.402 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

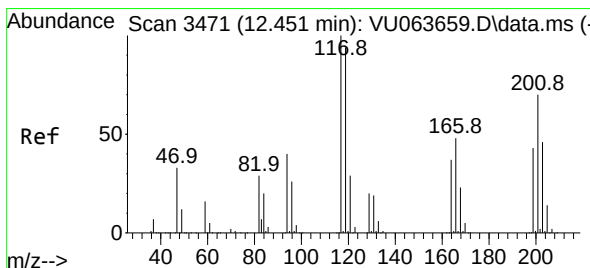
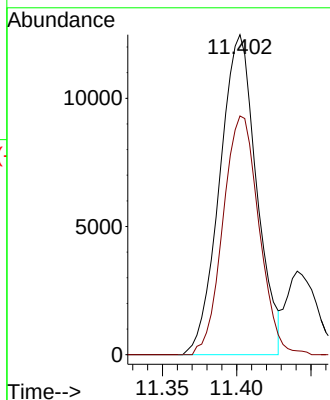
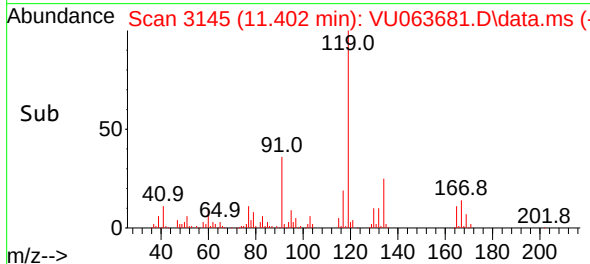
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBSD01



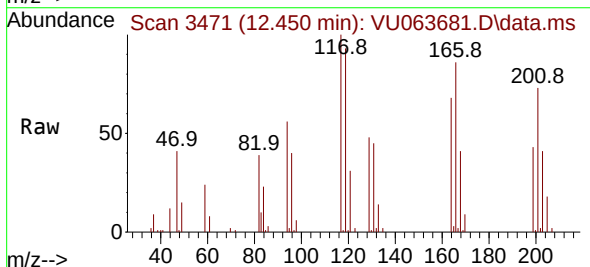
Tgt Ion:117 Resp: 2157
 Ion Ratio Lower Upper
 117 100
 167 72.7 62.8 94.2

Manual Integrations
 APPROVED

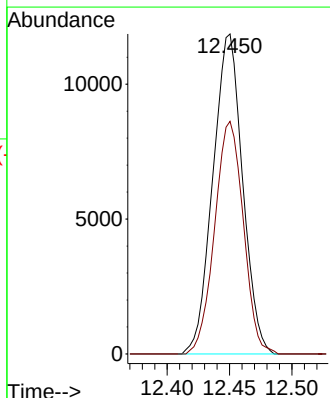
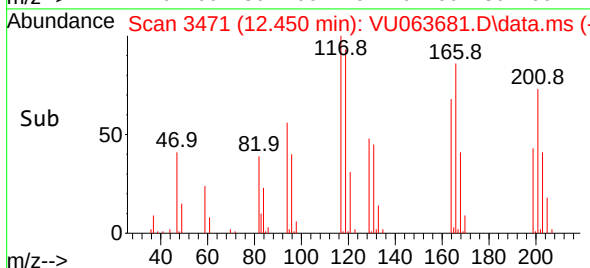
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

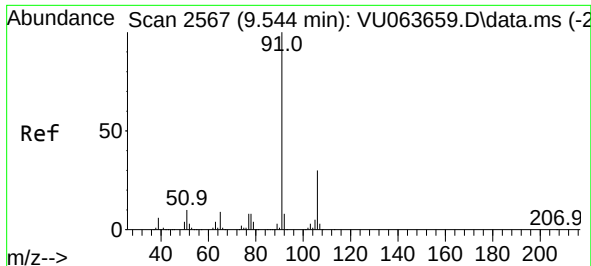


#62
 Hexachloroethane
 Concen: 1.458 ug/l
 RT: 12.450 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42



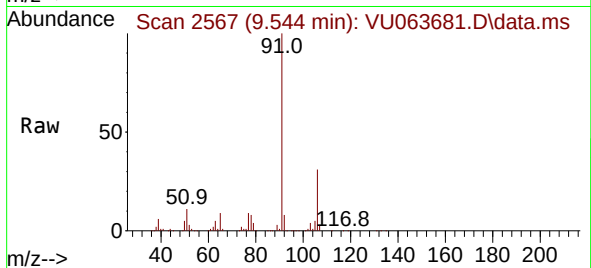
Tgt Ion:117 Resp: 19696
 Ion Ratio Lower Upper
 117 100
 201 70.2 56.3 84.5





#63
Ethyl Benzene
Concen: 1.924 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

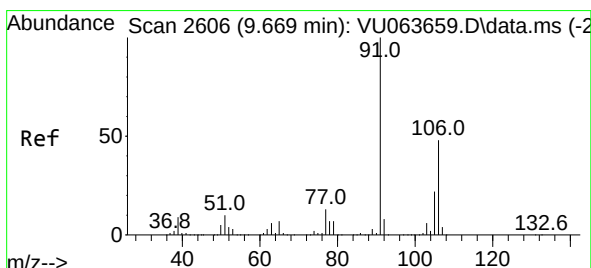
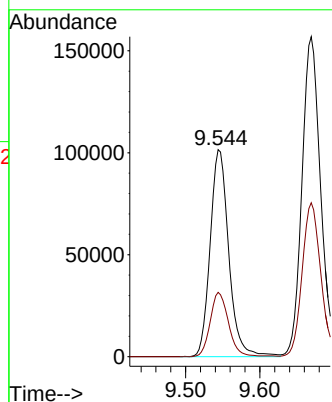
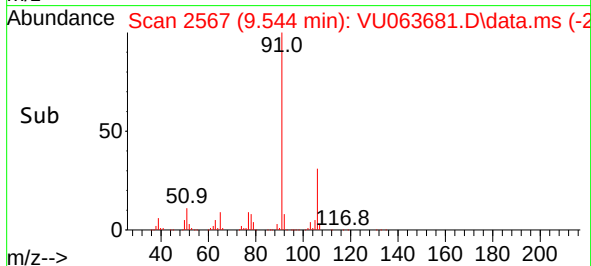
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion: 91 Resp: 176860
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1

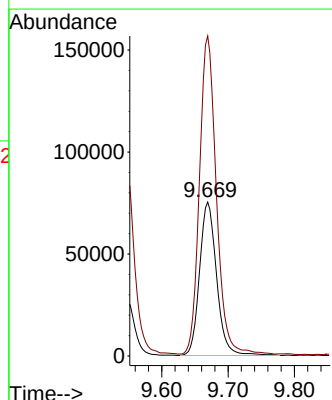
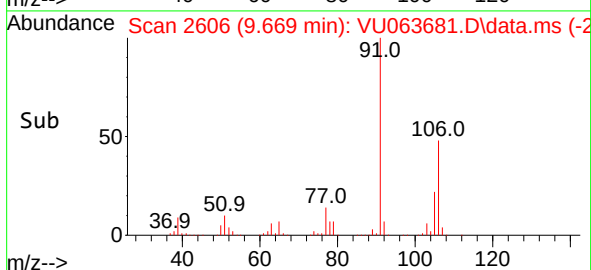
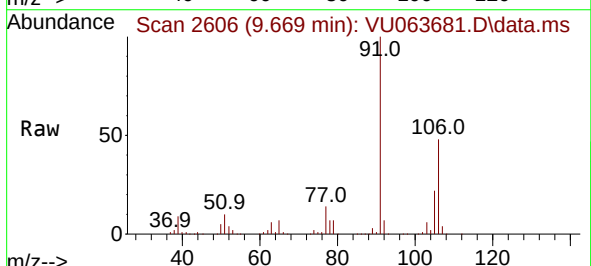
Manual Integrations
APPROVED

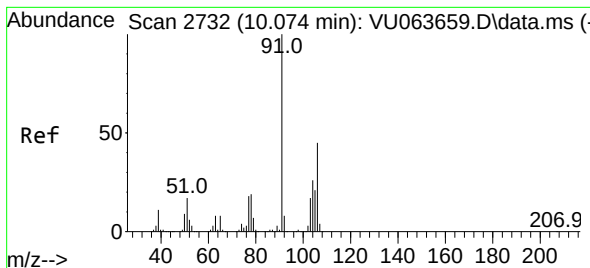
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 3.911 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

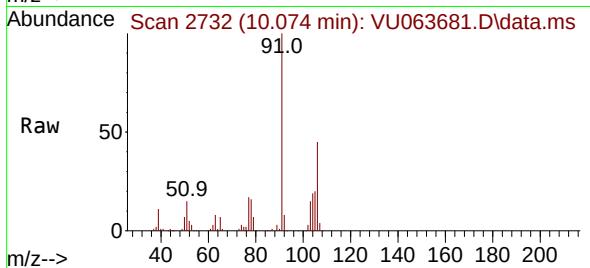
Tgt Ion:106 Resp: 134206
Ion Ratio Lower Upper
106 100
91 206.1 167.0 250.4





#65
o-Xylene
Concen: 1.960 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

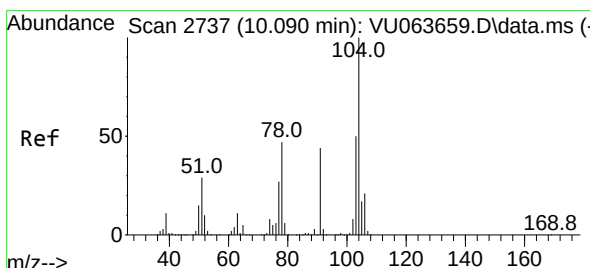
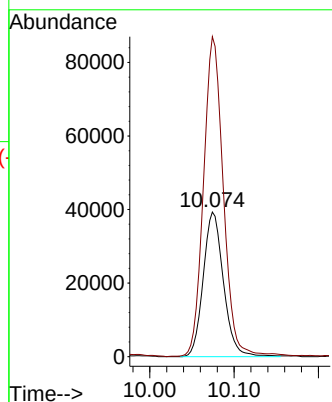
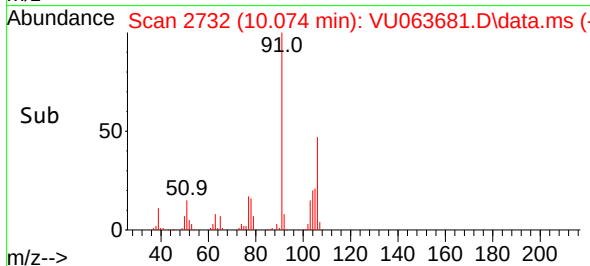
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:106 Resp: 65889
Ion Ratio Lower Upper
106 100
91 217.8 109.3 327.9

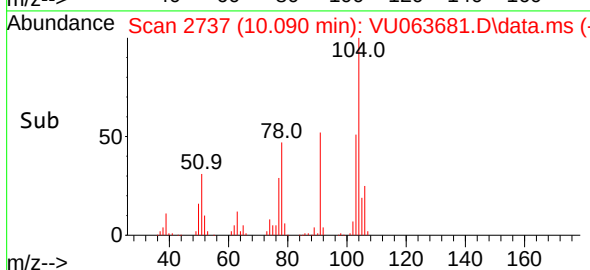
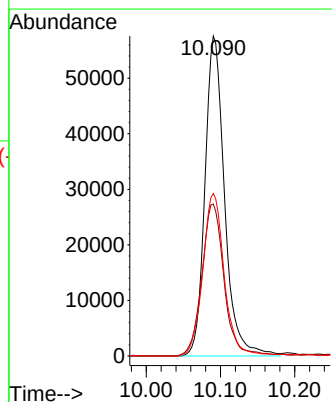
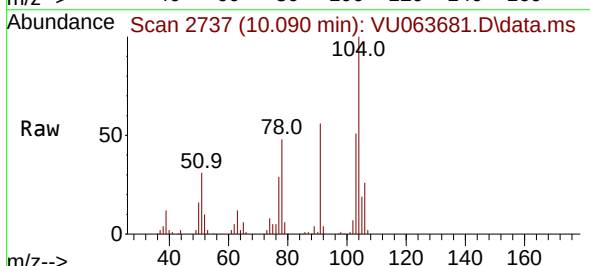
Manual Integrations
APPROVED

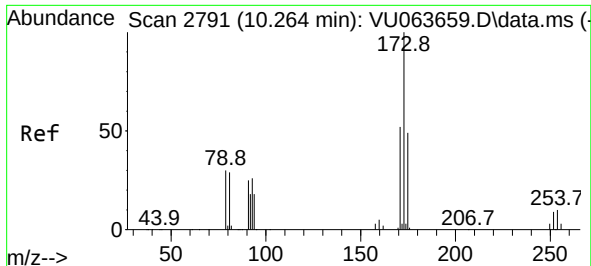
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 1.936 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

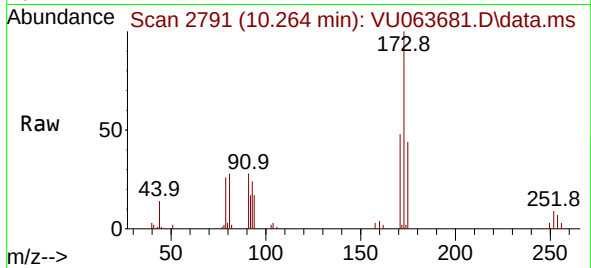
Tgt Ion:104 Resp: 105584
Ion Ratio Lower Upper
104 100
78 53.8 42.8 64.2
103 55.6 43.9 65.9





#67
Bromoform
Concen: 1.594 ug/l
RT: 10.264 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

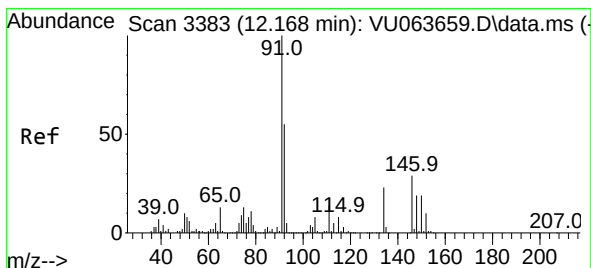
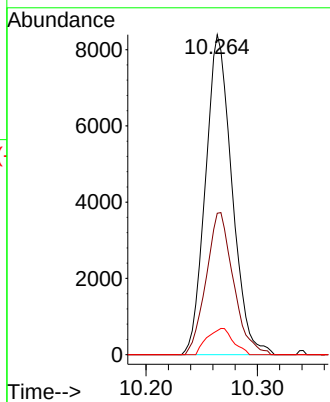
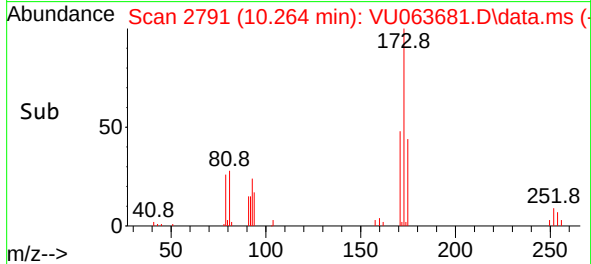
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



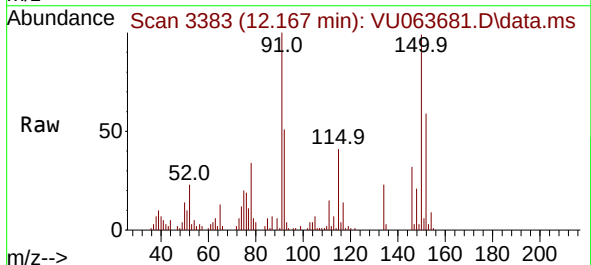
Tgt Ion:173 Resp: 1384
Ion Ratio Lower Upper
173 100
175 45.8 39.0 58.4
254 8.1 7.4 11.0

Manual Integrations
APPROVED

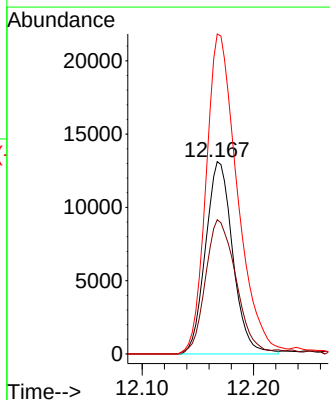
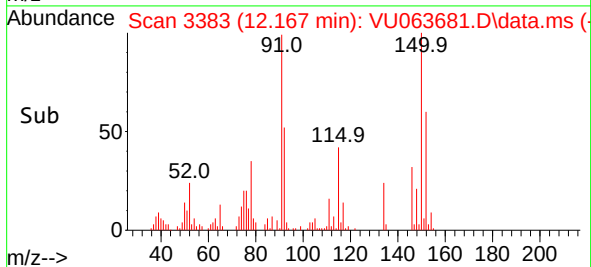
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

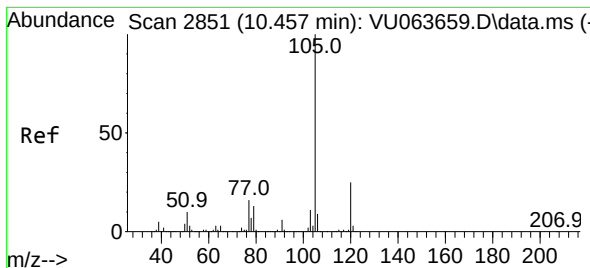


#68
1,2-Dichlorobenzene-d4
Concen: 0.994 ug/l
RT: 12.167 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



Tgt Ion:152 Resp: 22249
Ion Ratio Lower Upper
152 100
115 78.6 0.0 247.2
150 191.6 0.0 643.6





#69

Isopropylbenzene

Concen: 1.968 ug/l

RT: 10.460 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBSD01

Tgt Ion:105 Resp: 16345

Ion Ratio Lower Upper

105 100

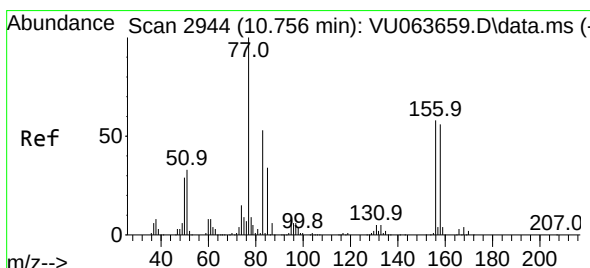
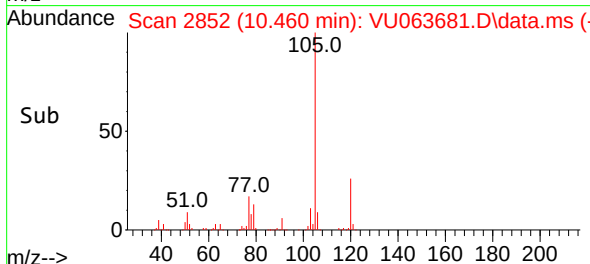
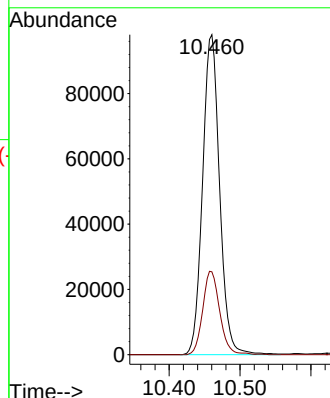
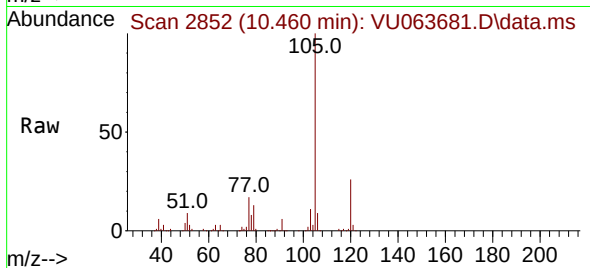
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 2.020 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. -0.000 min

Lab File: VU063681.D

Acq: 07 Nov 2025 11:42

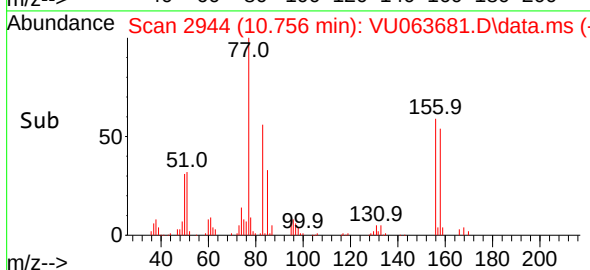
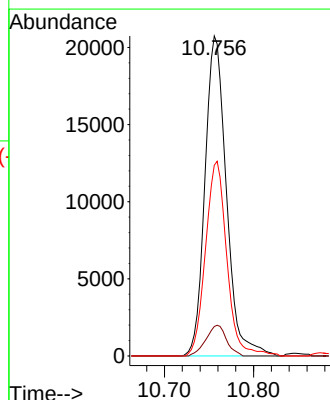
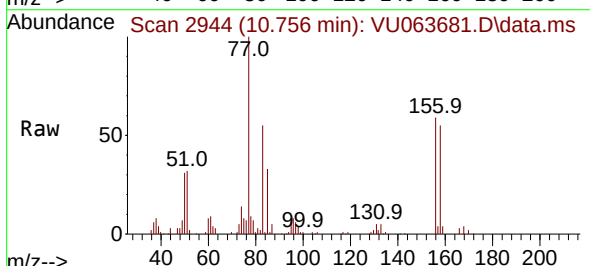
Tgt Ion: 83 Resp: 34651

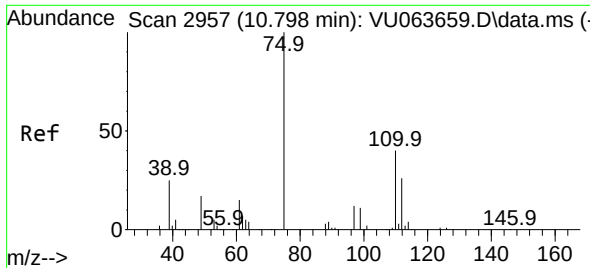
Ion Ratio Lower Upper

83 100

131 9.2 8.1 12.1

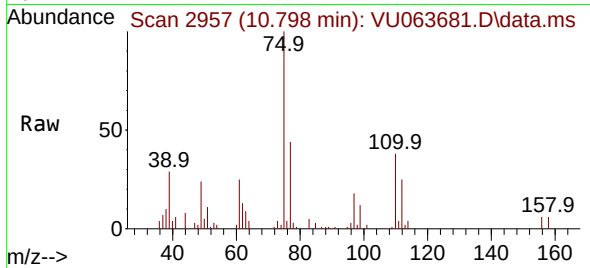
85 60.5 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 1.778 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

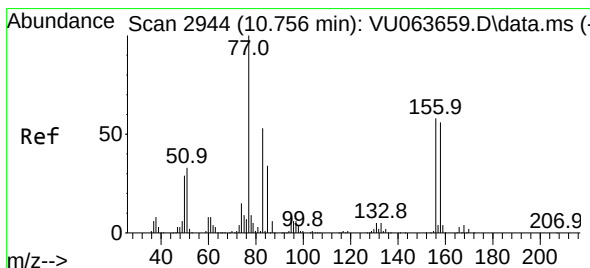
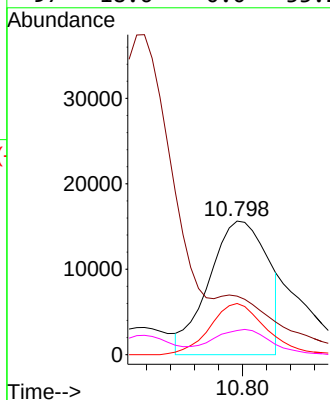
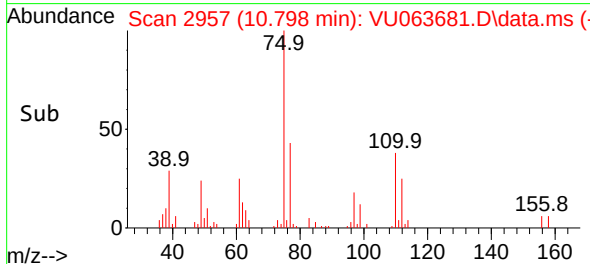
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



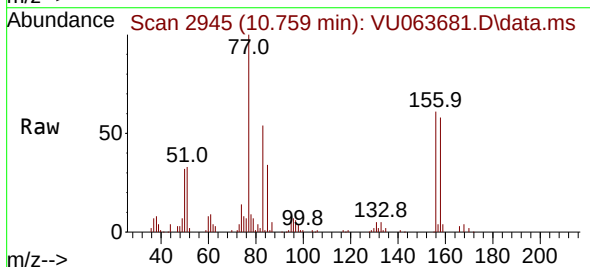
Tgt Ion:	75	Resp:	2653
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	36.9	0.0	66.4
97	18.6	0.0	33.2

Manual Integrations
APPROVED

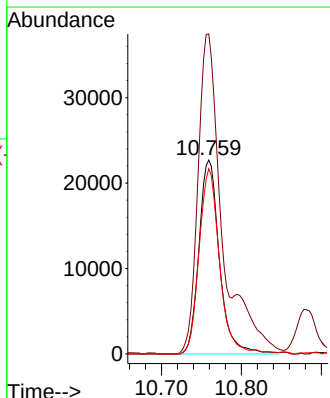
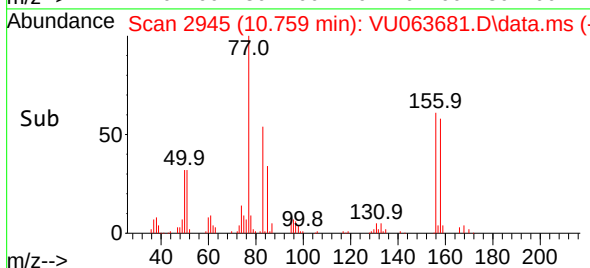
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

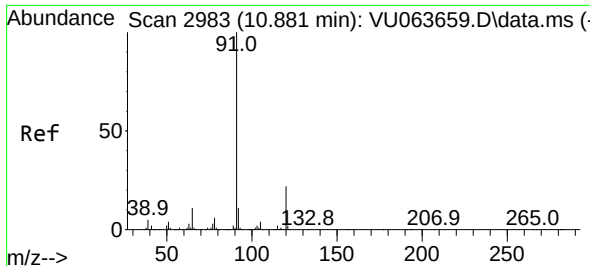


#72
Bromobenzene
Concen: 2.020 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



Tgt Ion:	156	Resp:	40558
Ion Ratio	Lower	Upper	
156	100		
77	166.0	0.0	337.2
158	93.6	0.0	191.8





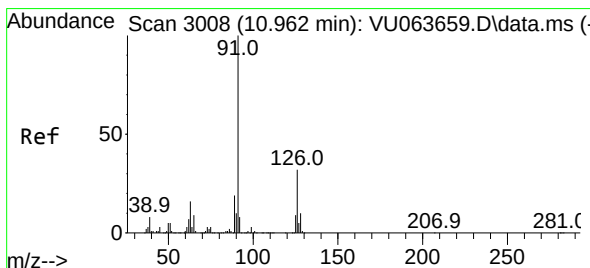
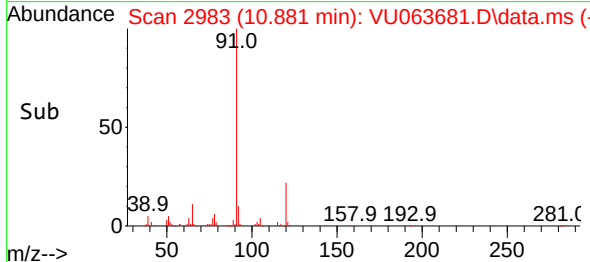
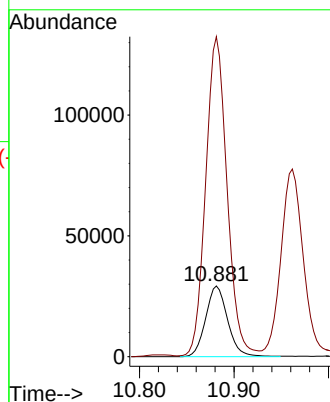
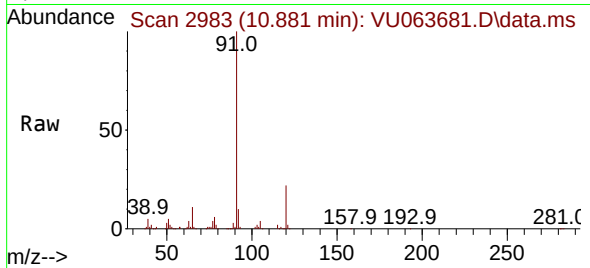
#73
n-propylbenzene
Concen: 1.999 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Tgt Ion:120 Resp: 47159
Ion Ratio Lower Upper
120 100
91 439.0 361.4 542.2

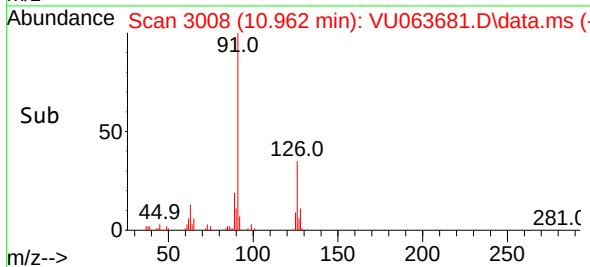
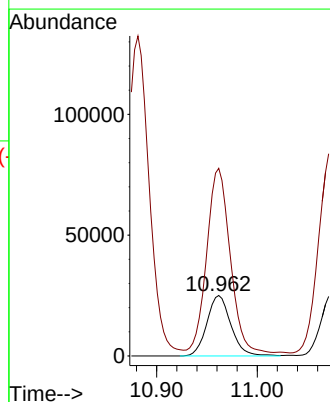
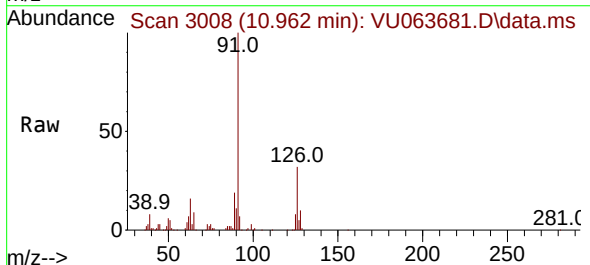
Manual Integrations
APPROVED

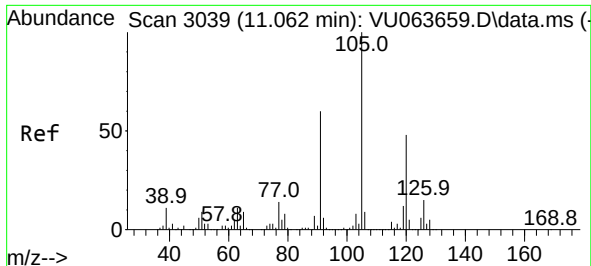
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 2.027 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

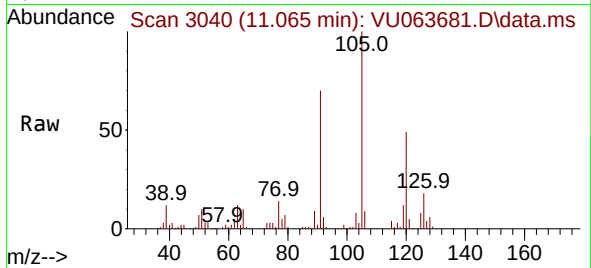
Tgt Ion:126 Resp: 41456
Ion Ratio Lower Upper
126 100
91 298.1 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 1.905 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

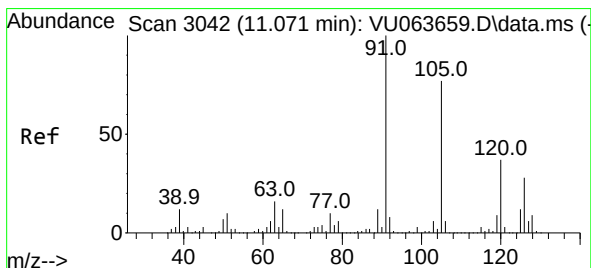
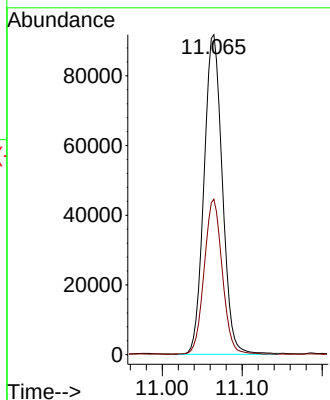
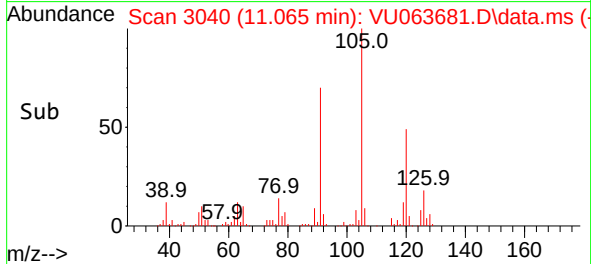
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



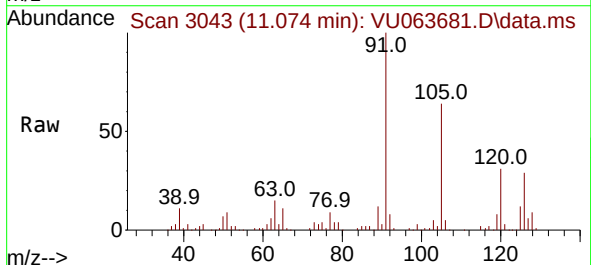
Tgt Ion:105 Resp: 146289
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.2

Manual Integrations
APPROVED

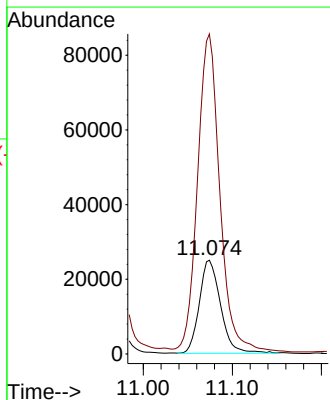
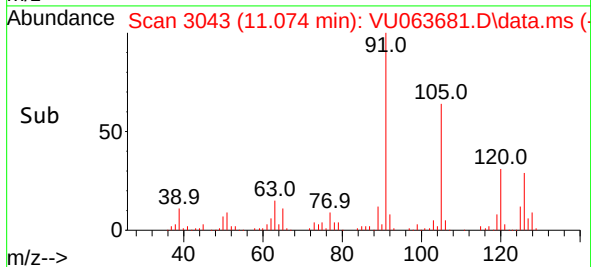
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

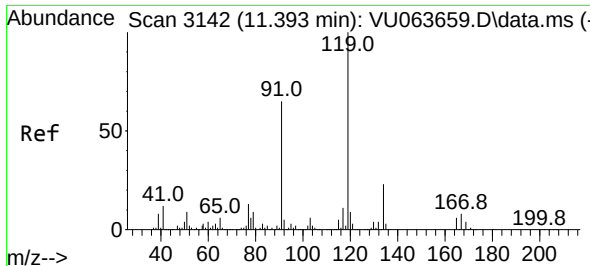


#76
4-Chlorotoluene
Concen: 2.008 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



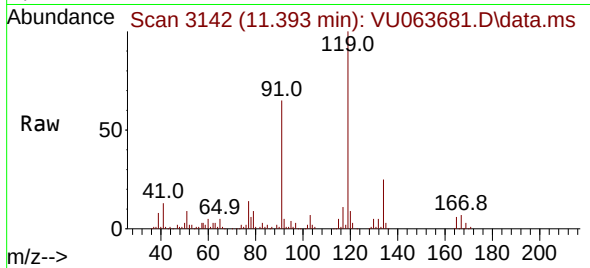
Tgt Ion:126 Resp: 41236
Ion Ratio Lower Upper
126 100
91 360.7 0.0 716.6





#77
tert-Butylbenzene
Concen: 1.901 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

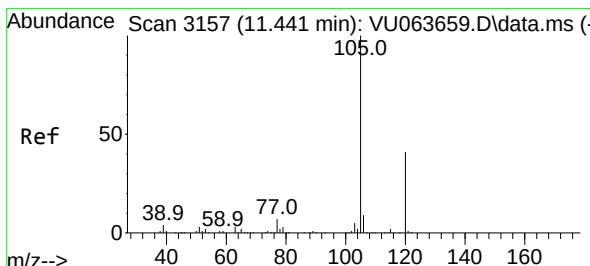
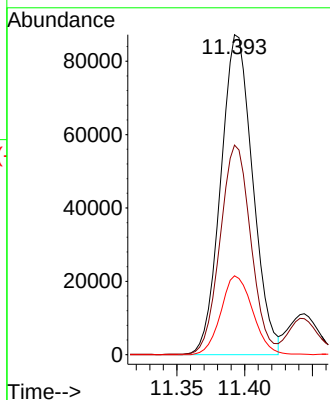
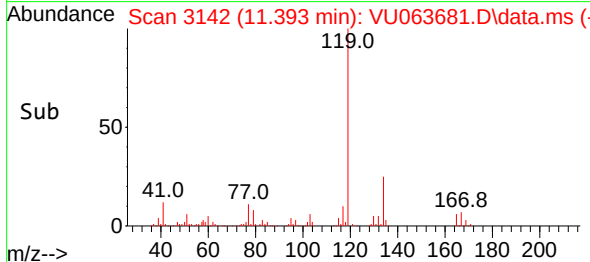
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



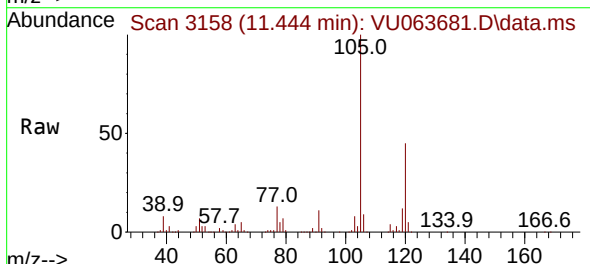
Tgt Ion:119 Resp: 14303
Ion Ratio Lower Upper
119 100
91 63.4 31.3 93.8
134 24.5 18.7 28.1

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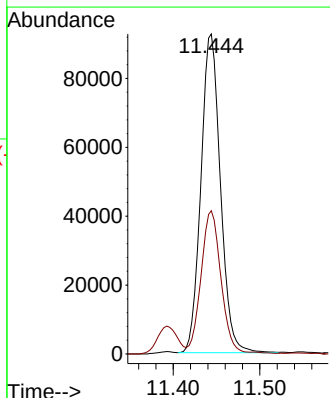
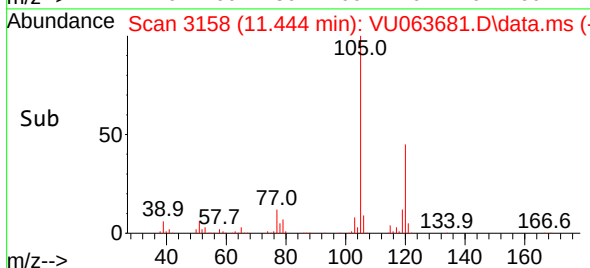
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

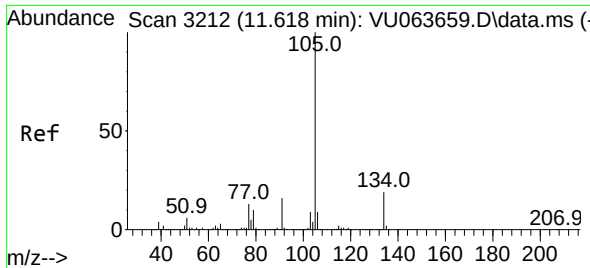


#78
1,2,4-Trimethylbenzene
Concen: 1.962 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



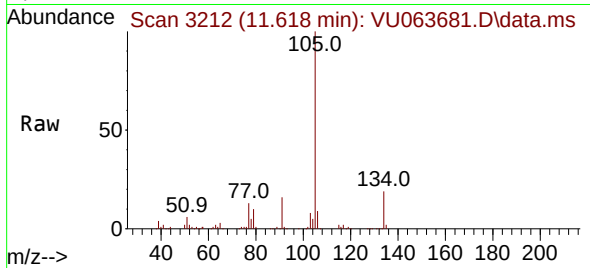
Tgt Ion:105 Resp: 144618
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 1.963 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42

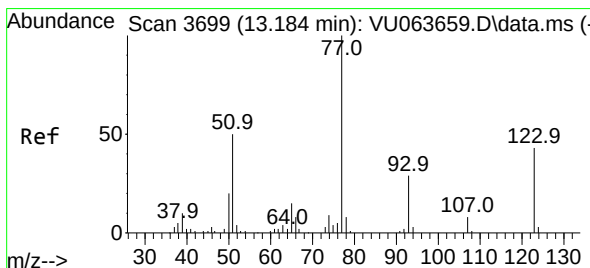
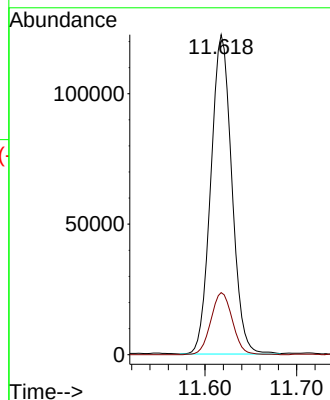
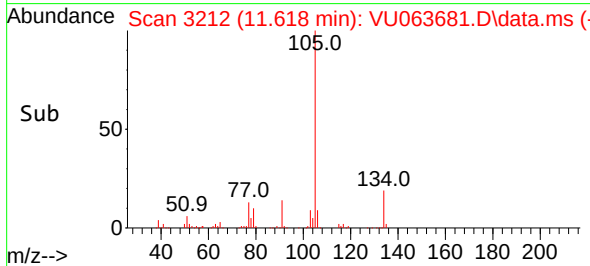
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBSD01



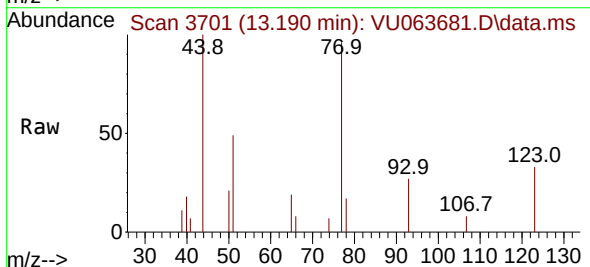
Tgt Ion:105 Resp: 194290
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.7 23.5

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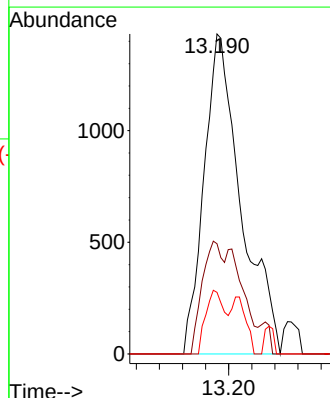
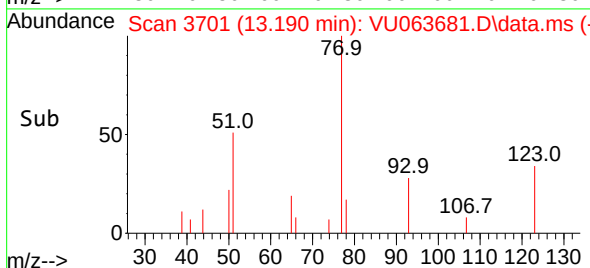
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

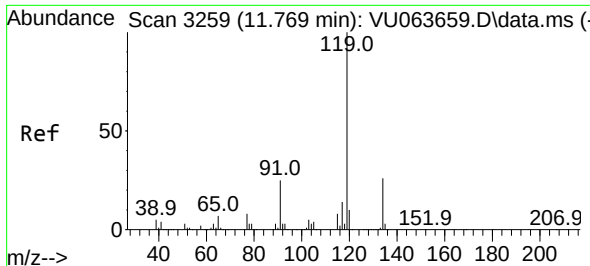


#80
 Nitrobenzene
 Concen: 5.280 ug/l
 RT: 13.190 min Scan# 3701
 Delta R.T. 0.006 min
 Lab File: VU063681.D
 Acq: 07 Nov 2025 11:42



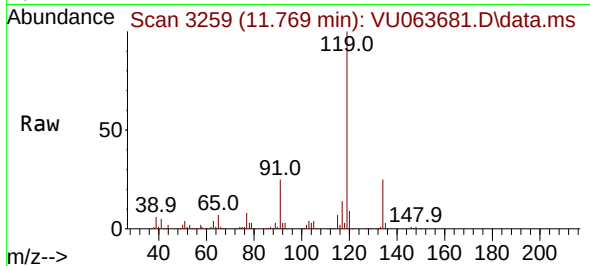
Tgt Ion: 77 Resp: 3185
 Ion Ratio Lower Upper
 77 100
 123 20.3 18.2 64.4
 65 10.2 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 1.916 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

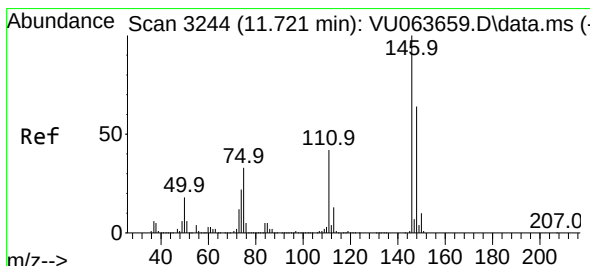
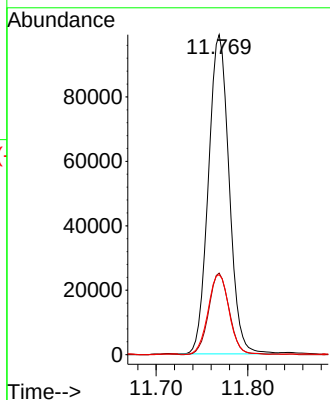
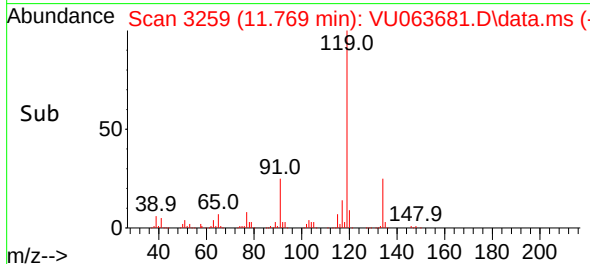
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



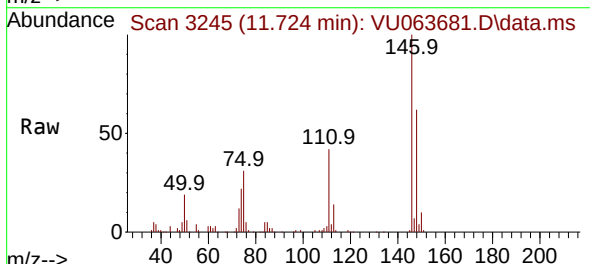
Tgt Ion:119 Resp: 155260
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 25.4 20.1 30.1

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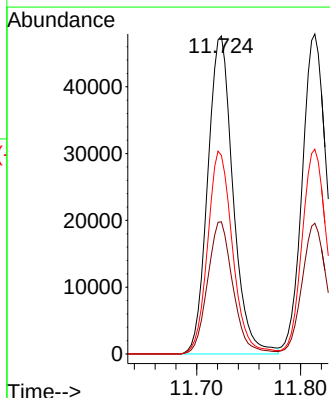
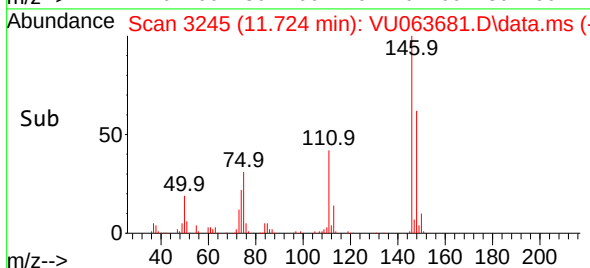
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

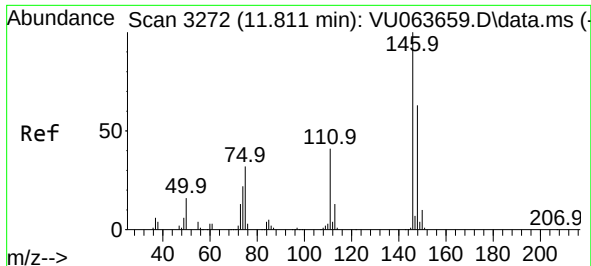


#82
1,3-Dichlorobenzene
Concen: 2.075 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



Tgt Ion:146 Resp: 80690
Ion Ratio Lower Upper
146 100
111 41.6 33.8 50.8
148 62.9 50.8 76.2





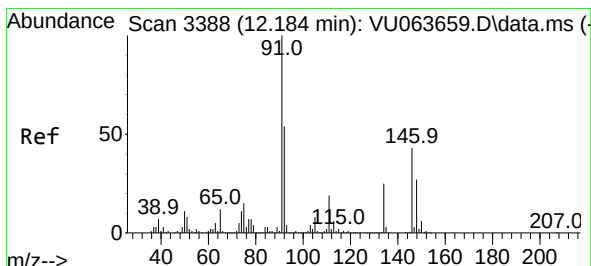
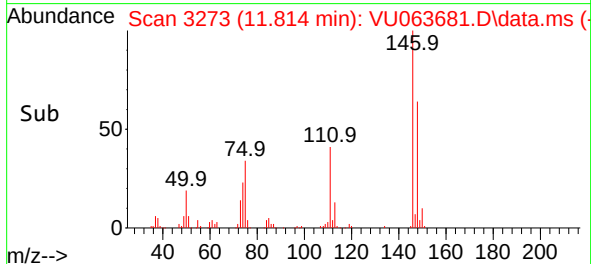
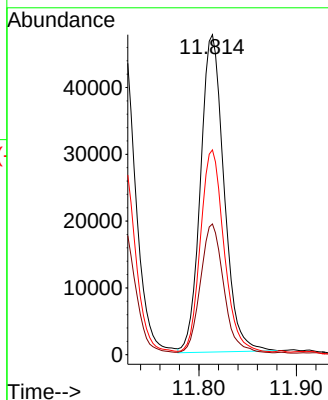
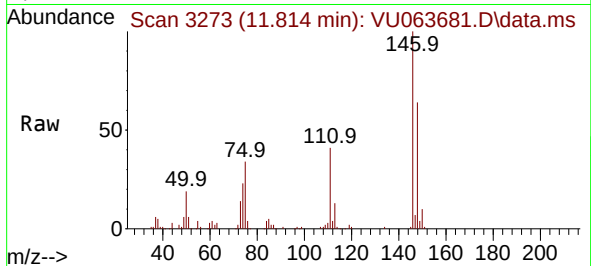
#83
1,4-Dichlorobenzene
Concen: 2.062 ug/l
RT: 11.814 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Tgt Ion:146 Resp: 7967
Ion Ratio Lower Upper
146 100
111 40.5 33.0 49.4
148 64.2 50.6 76.0

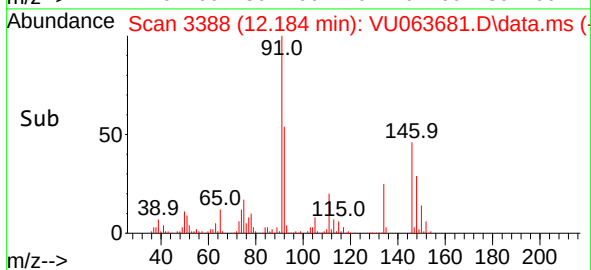
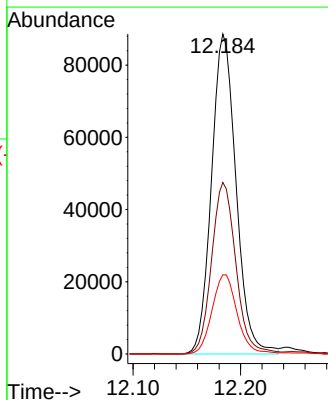
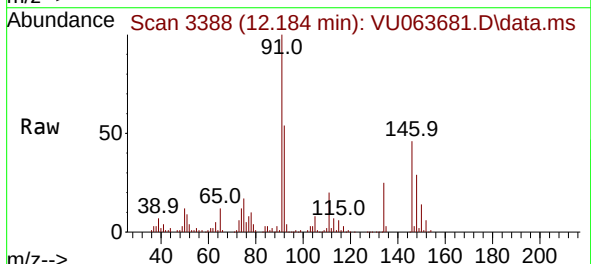
Manual Integrations
APPROVED

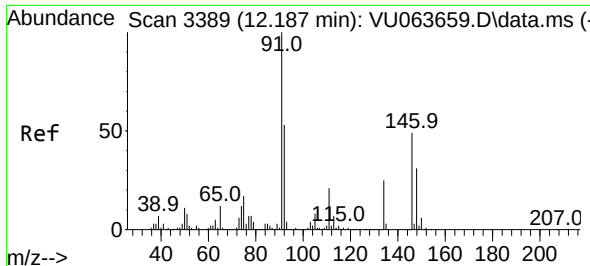
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
n-Butylbenzene
Concen: 1.934 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

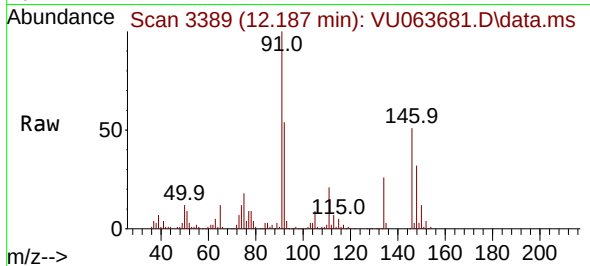
Tgt Ion: 91 Resp: 140447
Ion Ratio Lower Upper
91 100
92 53.1 43.1 64.7
134 25.7 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 2.031 ug/l
RT: 12.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

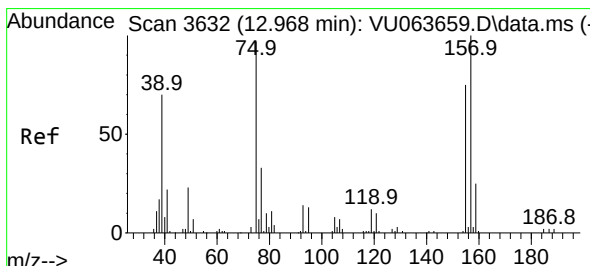
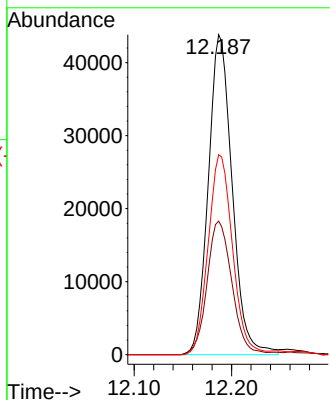
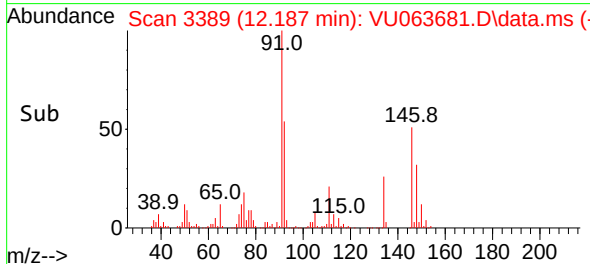
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



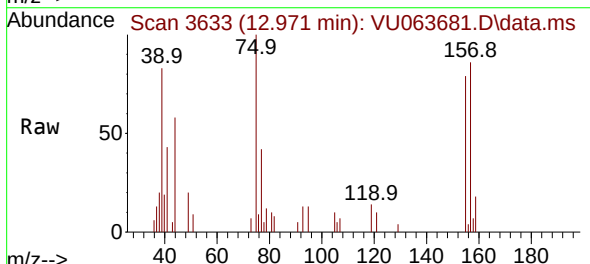
Tgt Ion:146 Resp: 7472
Ion Ratio Lower Upper
146 100
111 43.3 22.2 66.6
148 63.7 31.9 95.5

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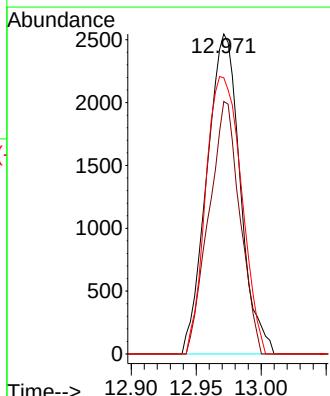
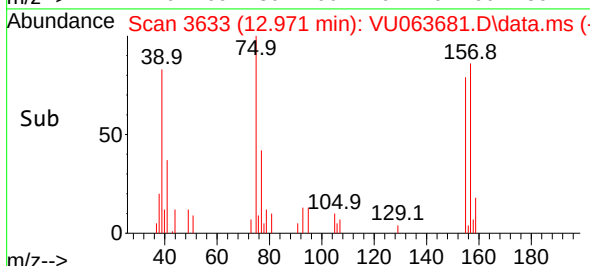
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

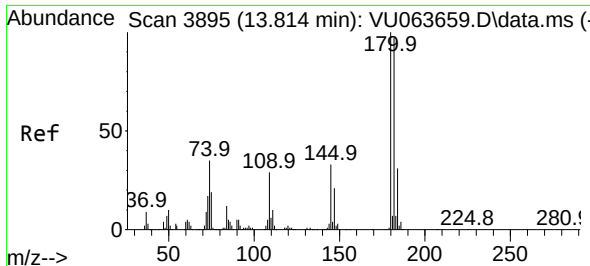


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.599 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42



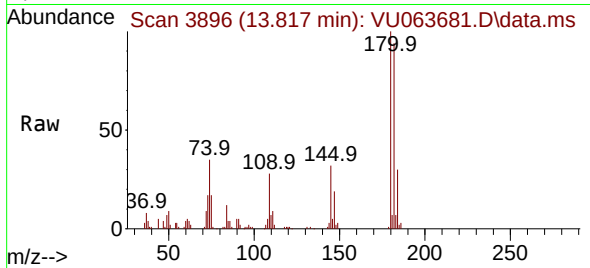
Tgt Ion: 75 Resp: 4546
Ion Ratio Lower Upper
75 100
155 73.3 62.2 93.4
157 92.6 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 2.082 ug/l
RT: 13.817 min Scan# 3895
Delta R.T. 0.003 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

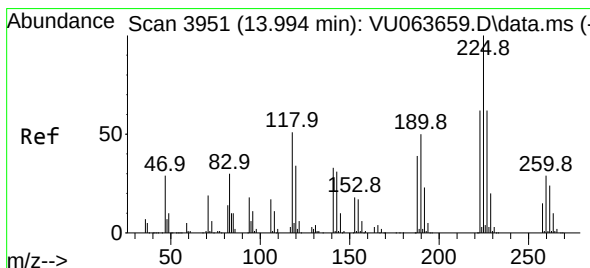
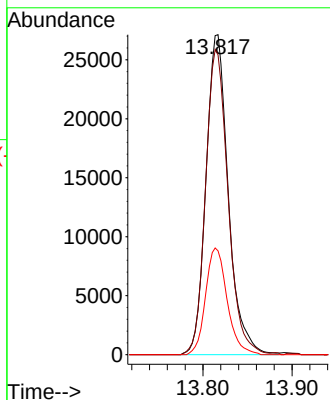
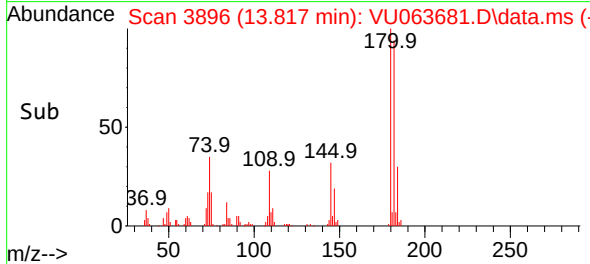
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:180 Resp: 47190
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 32.2 26.2 39.2

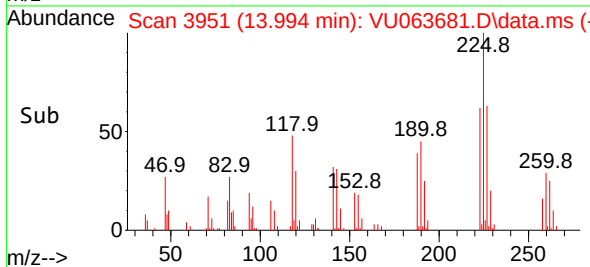
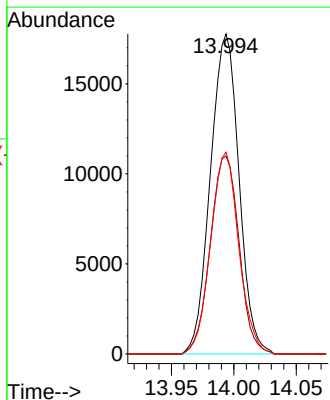
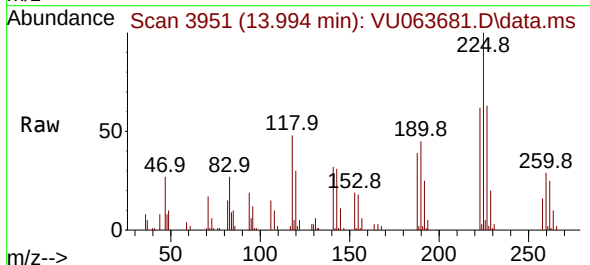
Manual Integrations
APPROVED

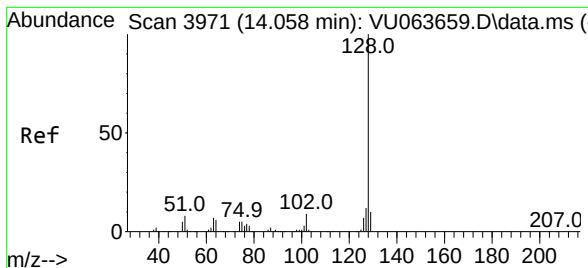
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#88
Hexachlorobutadiene
Concen: 2.104 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

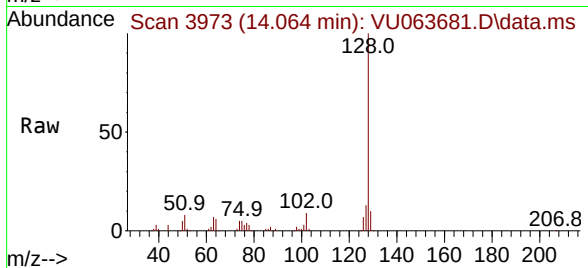
Tgt Ion:225 Resp: 28381
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 62.2 50.0 75.0





#89
Naphthalene
Concen: 2.037 ug/l
RT: 14.064 min Scan# 3971
Delta R.T. 0.006 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

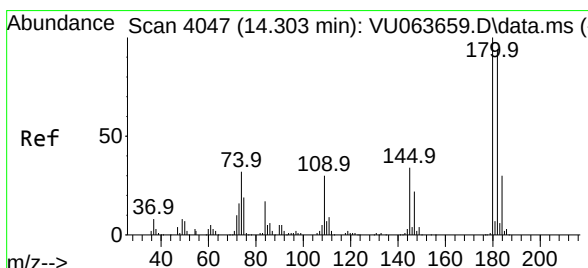
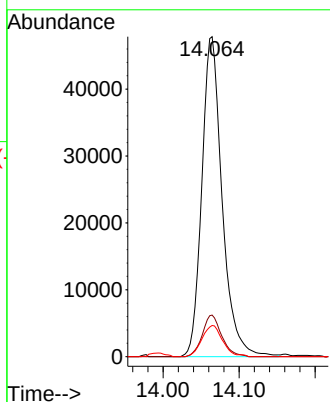
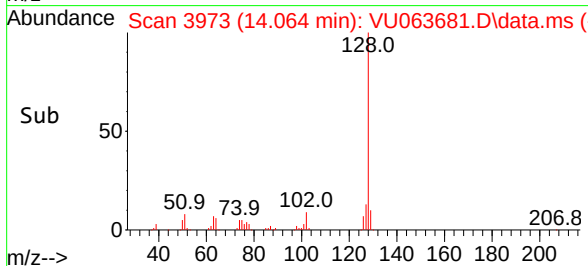
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01



Tgt Ion:128 Resp: 8881
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.0 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: 2.119 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063681.D
Acq: 07 Nov 2025 11:42

Tgt Ion:180 Resp: 43899
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.0
145 33.6 27.4 41.2

