

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063680.D
 Acq On : 07 Nov 2025 11:12
 Operator : MD/SY
 Sample : VU1107WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 02:31:33 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	54101	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	24786	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	22659	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	39217	1.926	ug/l	99
3) Chloromethane	1.509	50	34601	1.807	ug/l	96
4) Vinyl Chloride	1.589	62	38879	1.997	ug/l	99
5) Bromomethane	1.840	94	29202	2.481	ug/l	98
6) Chloroethane	1.917	64	24923	2.085	ug/l	97
7) Trichlorofluoromethane	2.120	101	58454	2.064	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	31220	2.073	ug/l	99
9) 1,1-Dichloroethene	2.557	96	29663	2.033	ug/l	99
10) Iodomethane	2.695	142	28543	1.317	ug/l	99
11) Allyl Chloride	2.894	41	44436	1.951	ug/l	100
12) Acrylonitrile	3.293	53	16807	4.658	ug/l	90
13) Acetone	2.605	43	60479	9.490	ug/l	99
14) Carbon Disulfide	2.766	76	69293	1.686	ug/l	99
15) Methylene Chloride	3.017	84	36176	1.929	ug/l	99
16) trans-1,2-Dichloroethene	3.319	96	33058	2.055	ug/l	95
17) 1,1-Dichloroethane	3.830	63	64927	2.038	ug/l	99
18) 2-Butanone	4.692	43	64445	9.533	ug/l	98
19) Cyclohexane	5.341	56	49331	2.026	ug/l	97
20) Methylcyclohexane	6.727	83	58674	1.936	ug/l	98
21) 2,2-Dichloropropane	4.624	77	55141	1.929	ug/l	98
22) cis-1,2-Dichloroethene	4.631	96	37804	2.064	ug/l	99
23) Diethyl Ether	2.357	59	23783	1.990	ug/l	97
24) tert-Butyl Alcohol	3.171	59	31161	15.125	ug/l	96
25) Methyl tert-Butyl Ether	3.341	73	84751	1.983	ug/l	100
26) Bromochloromethane	4.936	128	15770	2.041	ug/l	98
27) Chloroform	5.055	83	68485	2.101	ug/l	98
28) 1,1,1-Trichloroethane	5.277	97	57554	2.002	ug/l	99
29) 1,1-Dichloropropene	5.486	75	48694	2.018	ug/l	99
30) Carbon Tetrachloride	5.483	117	42753	1.879	ug/l	91
31) Isopropyl Ether	3.972	45	105269	2.085	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	97843	2.012	ug/l	99
33) Tert-Amyl methyl ether	5.923	73	85547	2.020	ug/l	99
34) Propionitrile	4.753	54	12946	9.800	ug/l	# 96
35) Benzene	5.737	78	142196	2.090	ug/l	98
36) 1,2-Dichloroethane	5.766	62	46887	2.146	ug/l	100
37) Trichloroethene	6.512	130	40003	2.063	ug/l	95
38) 1,2-Dichloropropane	6.762	63	37135	1.951	ug/l	98
39) Methacrylonitrile	4.952	41	11786	1.792	ug/l	# 95
40) Methyl acrylate	4.827	55	18004	1.885	ug/l	# 94
41) Tetrahydrofuran	5.039	42	12201	4.124	ug/l	95
42) 1-Chlorobutane	5.422	56	65769	2.033	ug/l	98
43) Dibromomethane	6.891	93	19896	2.020	ug/l	99
44) Bromodichloromethane	7.078	83	43682	1.814	ug/l	98

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Quant Time: Nov 08 02:31:33 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	7.778	43	107222	9.028	ug/l	99
46) t-1,4-Dichloro-2-butene	10.804	75	15244m	3.700	ug/l	
47) Methyl methacrylate	6.946	69	34141	3.768	ug/l	97
48) Ethyl methacrylate	8.319	69	33599	1.823	ug/l	96
49) Toluene	7.942	92	89925	1.960	ug/l	99
50) t-1,3-Dichloropropene	8.190	75	34481	1.647	ug/l	99
51) cis-1,3-Dichloropropene	7.582	75	45510	1.738	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	26308	1.965	ug/l	98
53) 1,3-Dichloropropane	8.550	76	48289	2.019	ug/l	99
54) 2-Hexanone	8.676	43	86651	8.642	ug/l	98
55) Dibromochloromethane	8.785	129	26036	1.651	ug/l	99
56) 1,2-Dibromoethane	8.901	107	24957	1.959	ug/l	96
58) Tetrachloroethene	8.528	164	38804	2.046	ug/l	96
59) Chlorobenzene	9.425	112	97729	1.964	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.508	131	30908	1.774	ug/l	99
61) Pentachloroethane	11.402	117	20552	1.701	ug/l	99
62) Hexachloroethane	12.447	117	19734	1.490	ug/l	97
63) Ethyl Benzene	9.544	91	174675	1.938	ug/l	97
64) m/p-Xylenes	9.669	106	130570	3.881	ug/l	100
65) o-Xylene	10.074	106	64767	1.965	ug/l	97
66) Styrene	10.090	104	101628	1.900	ug/l	99
67) Bromoform	10.267	173	13321	1.565	ug/l	97
69) Isopropylbenzene	10.460	105	158170	1.943	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.759	83	31486	1.872	ug/l	98
71) 1,2,3-Trichloropropane	10.798	75	23700m	1.620	ug/l	
72) Bromobenzene	10.759	156	40594	2.062	ug/l	94
73) n-propylbenzene	10.881	120	43857	1.896	ug/l	99
74) 2-Chlorotoluene	10.962	126	39329	1.961	ug/l	99
75) 1,3,5-Trimethylbenzene	11.065	105	144428	1.918	ug/l	100
76) 4-Chlorotoluene	11.074	126	41654	2.069	ug/l	91
77) tert-Butylbenzene	11.392	119	140793	1.909	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	137851	1.908	ug/l	100
79) sec-Butylbenzene	11.618	105	183260	1.889	ug/l	100
80) Nitrobenzene	13.190	77	2824	4.775	ug/l #	89
81) p-Isopropyltoluene	11.769	119	148610	1.871	ug/l	99
82) 1,3-Dichlorobenzene	11.720	146	77567	2.034	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	80264	2.118	ug/l	96
84) n-Butylbenzene	12.183	91	129985	1.825	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	73292	2.032	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.971	75	4394	1.577	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	42495	1.912	ug/l	99
88) Hexachlorobutadiene	13.990	225	26785	2.025	ug/l	99
89) Naphthalene	14.064	128	72465	1.695	ug/l	100
90) 1,2,3-Trichlorobenzene	14.302	180	37107	1.827	ug/l	95

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

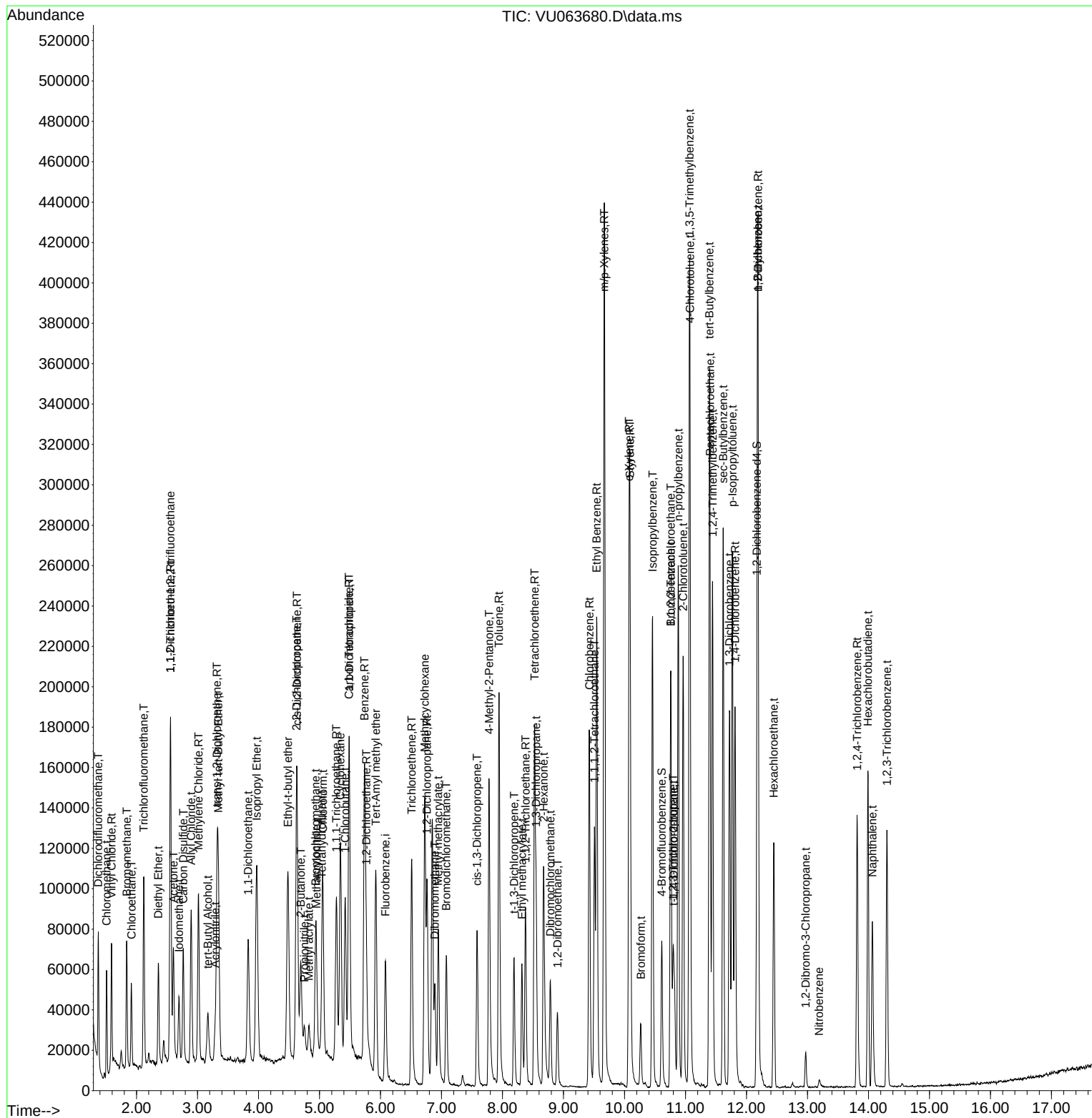
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
Data File : VU063680.D
Acq On : 07 Nov 2025 11:12
Operator : MD/SY
Sample : VU1107WBS01
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ALS Vial : 5 Sample Multiplier: 1

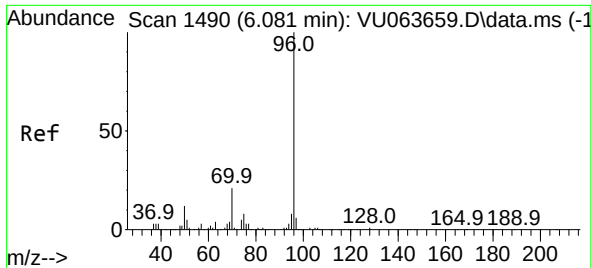
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

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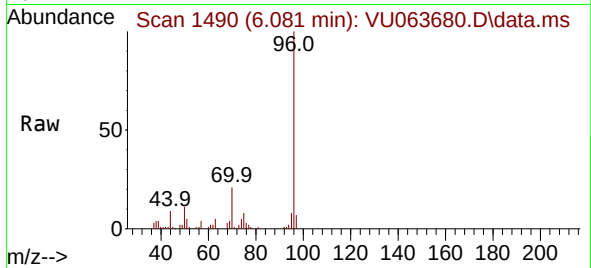
Quant Time: Nov 08 02:31:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

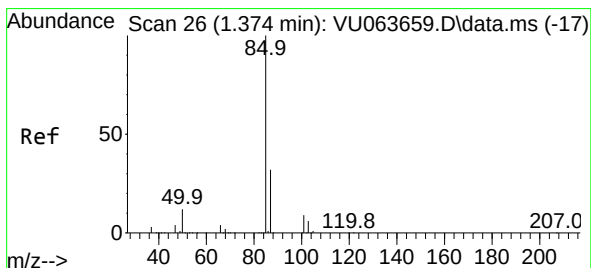
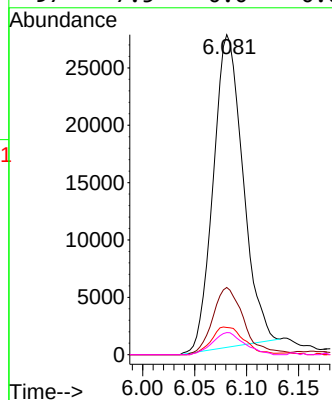
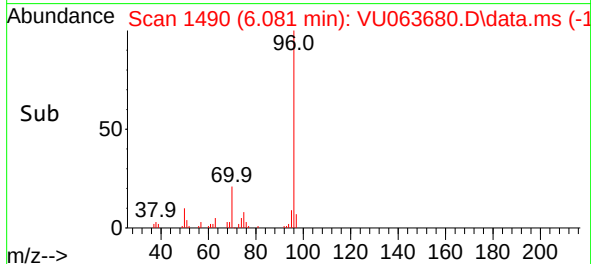
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion	Ratio	Lower	Upper
96	100		
70	21.6	15.3	22.9
95	9.2	6.5	9.7
97	7.5	0.0	0.0

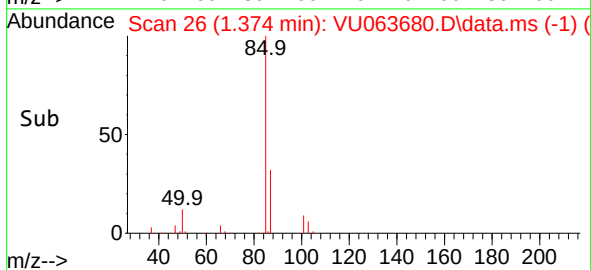
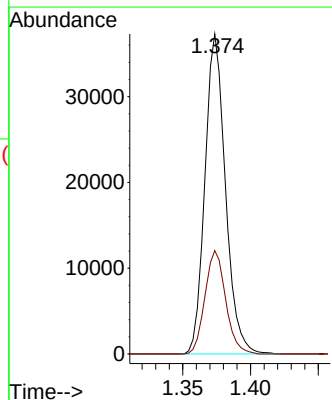
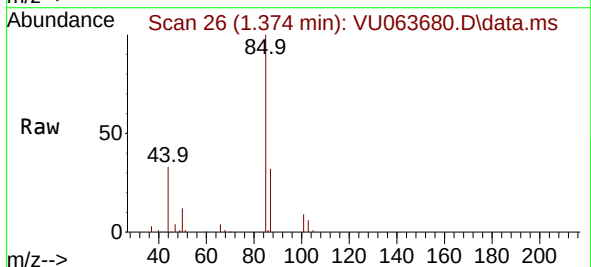
Manual Integrations
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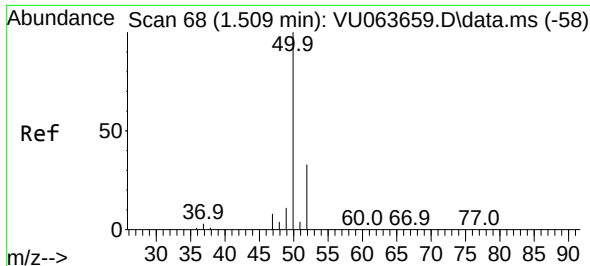
Reviewed By :John Carlone 11/12/2025
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#2
Dichlorodifluoromethane
Concen: 1.926 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

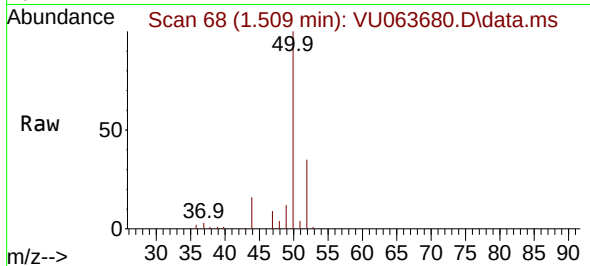
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9





#3
Chloromethane
Concen: 1.807 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

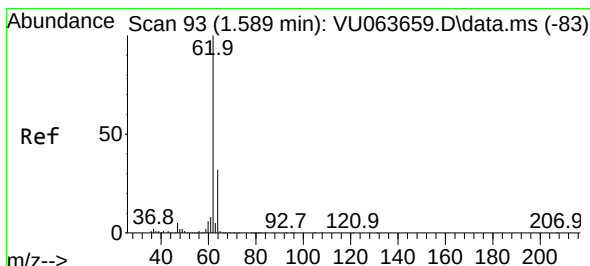
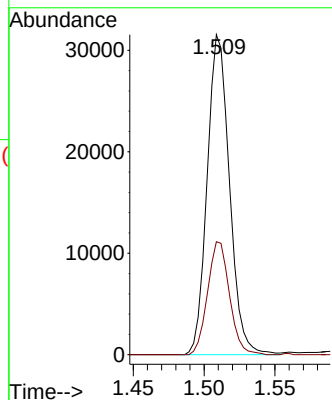
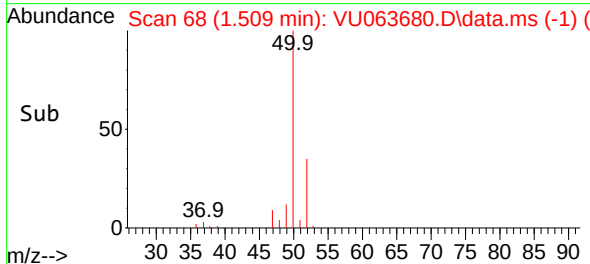
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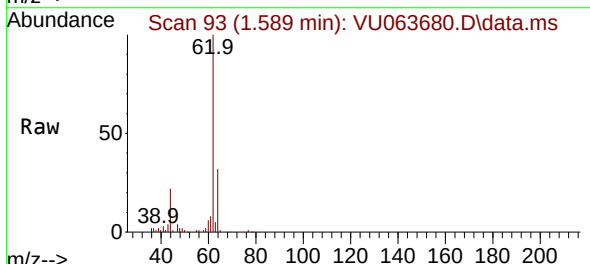
Tgt Ion: 50 Resp: 3460
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0

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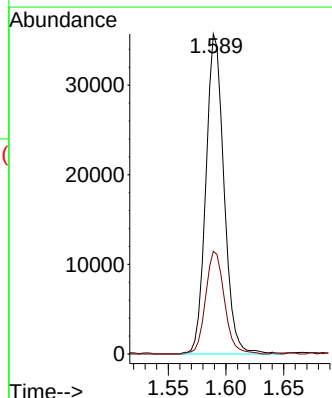
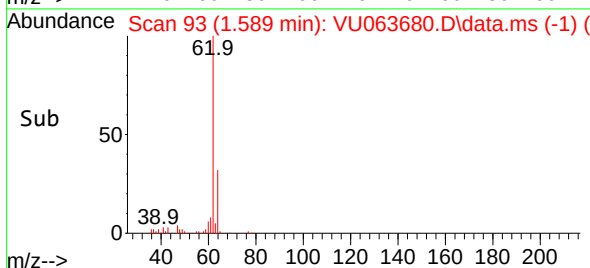
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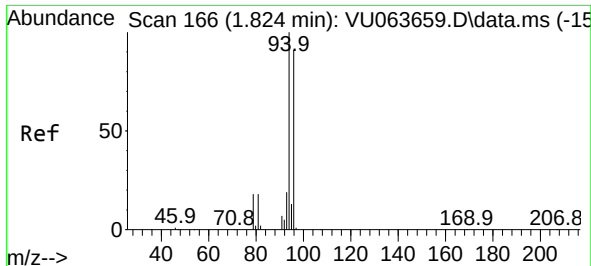


#4
Vinyl Chloride
Concen: 1.997 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



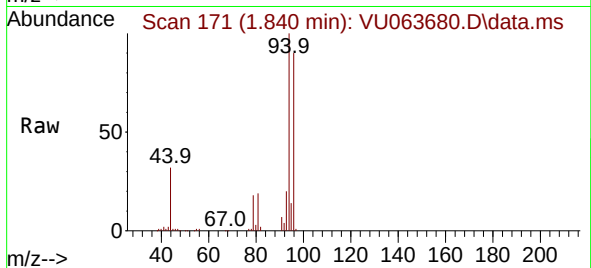
Tgt Ion: 62 Resp: 38879
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 2.481 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

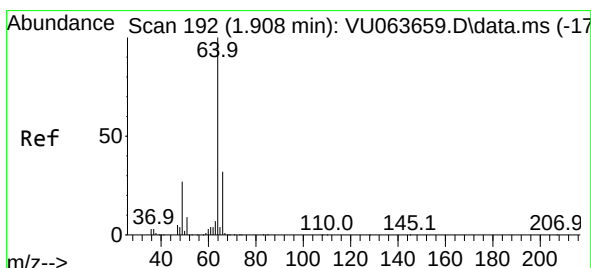
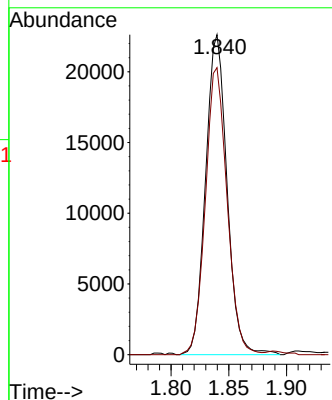
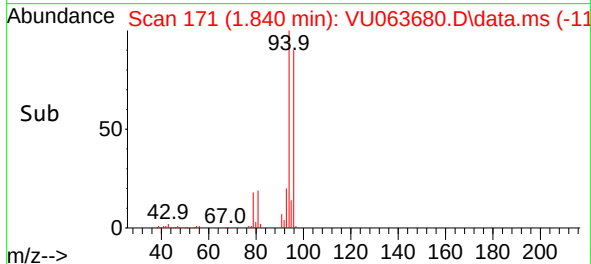
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 94 Resp: 2920
Ion Ratio Lower Upper
94 100
96 89.7 73.0 109.6

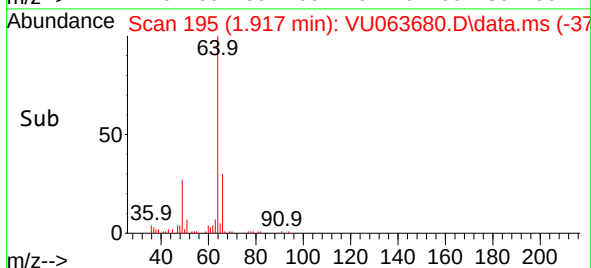
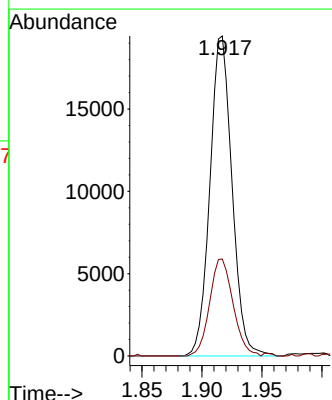
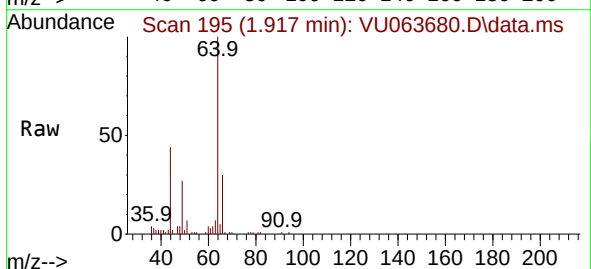
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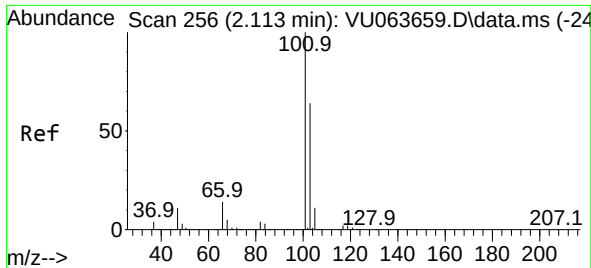
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 2.085 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.009 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

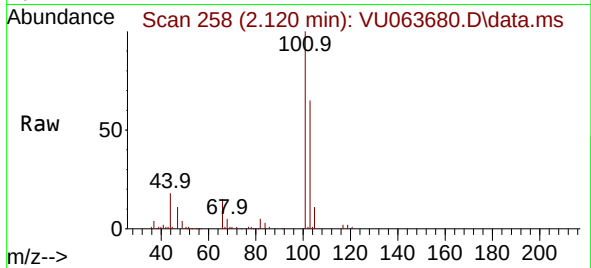
Tgt Ion: 64 Resp: 24923
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 2.064 ug/l
 RT: 2.120 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

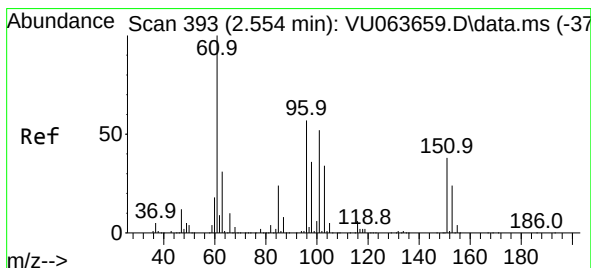
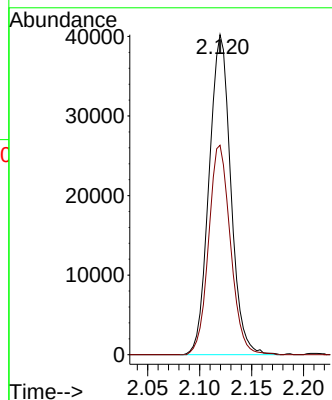
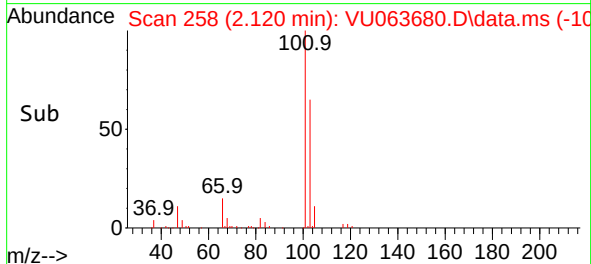
Instrument :
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 VU1107WBS01



Tgt Ion:101 Resp: 58454
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.6

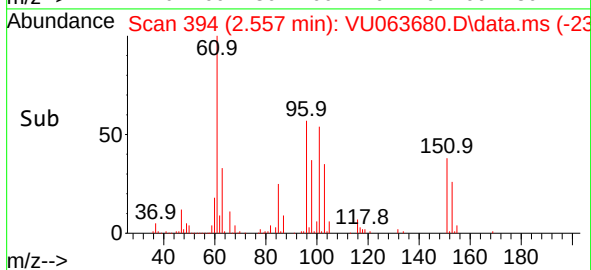
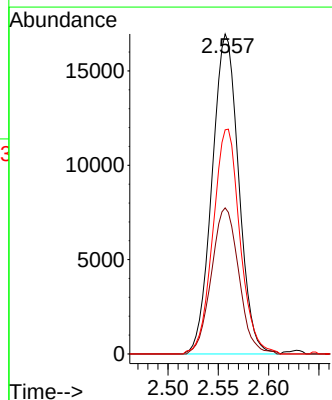
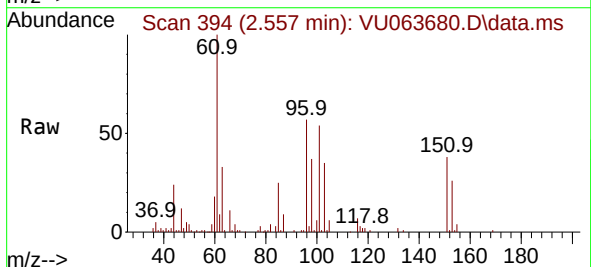
Manual Integrations
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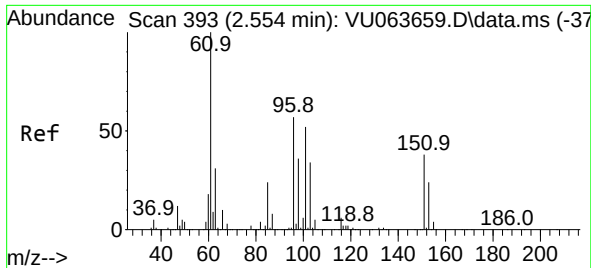
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.073 ug/l
 RT: 2.557 min Scan# 394
 Delta R.T. 0.003 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

Tgt Ion:101 Resp: 31220
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.0 55.4
 151 71.3 57.2 85.8





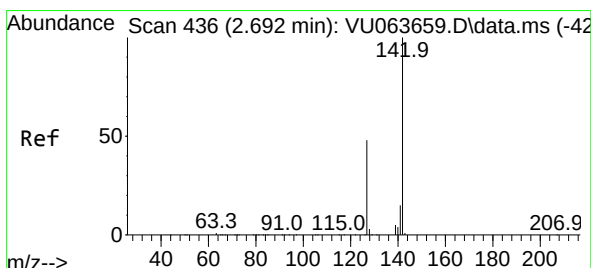
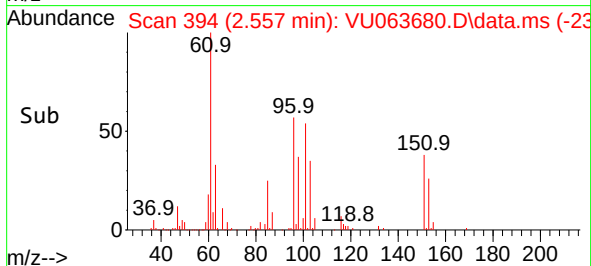
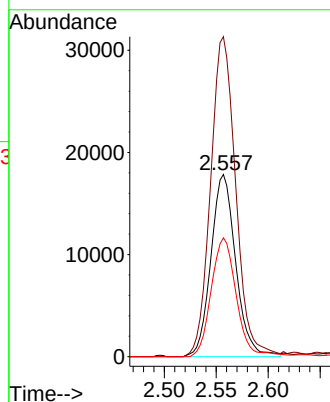
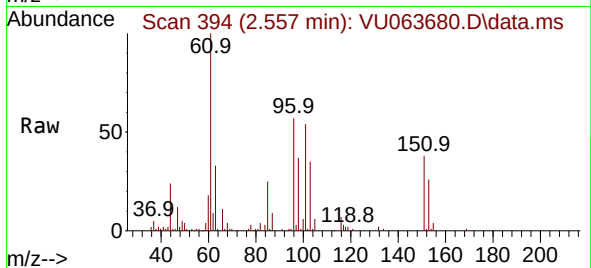
#9
1,1-Dichloroethene
Concen: 2.033 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion: 96 Resp: 2966
Ion Ratio Lower Upper
96 100
61 175.7 0.0 524.7
98 65.2 0.0 126.8

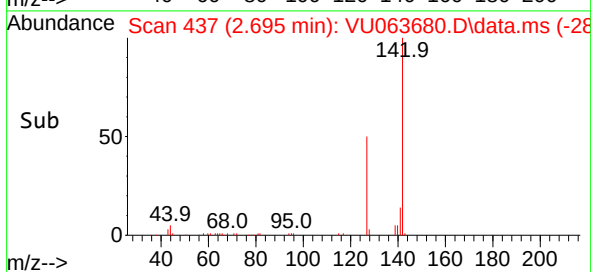
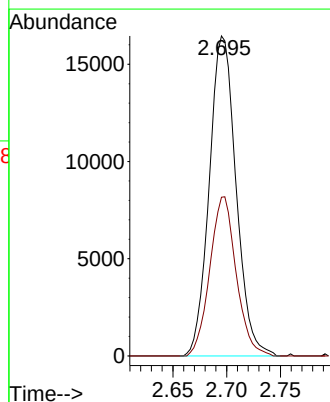
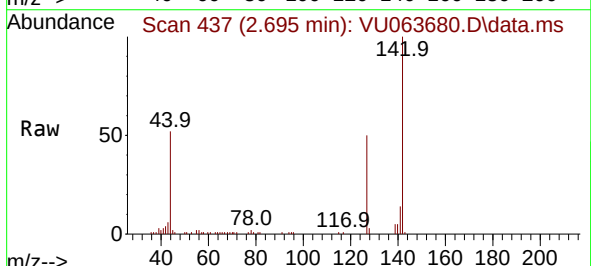
Manual Integrations
APPROVED

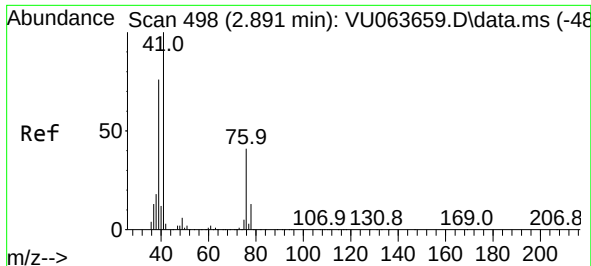
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 1.317 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

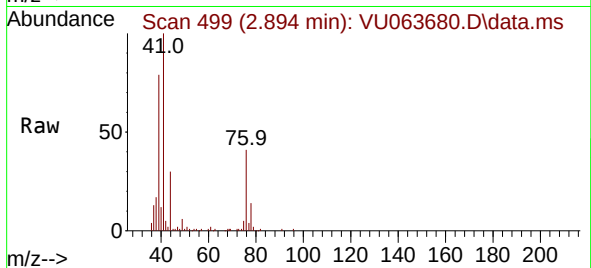
Tgt Ion:142 Resp: 28543
Ion Ratio Lower Upper
142 100
127 48.9 38.6 58.0





#11
 Allyl Chloride
 Concen: 1.951 ug/l
 RT: 2.894 min Scan# 499
 Delta R.T. 0.003 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

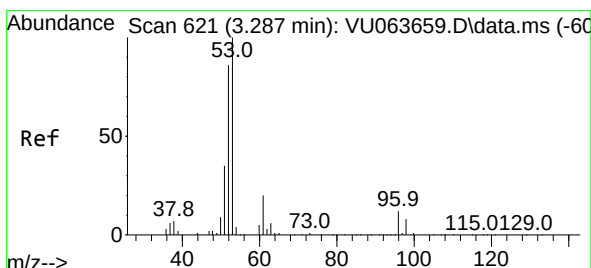
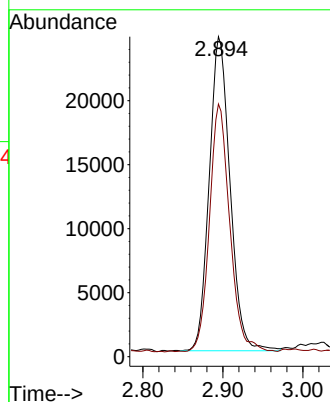
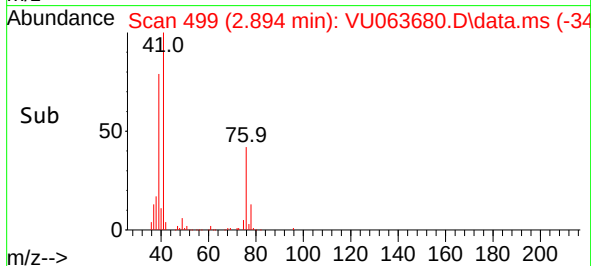
Instrument :
 MSVOA_U
 Client Sample Id :
 VU1107WBS01



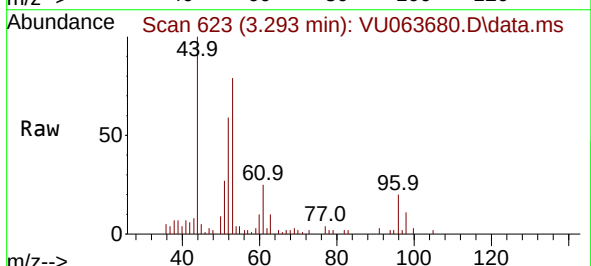
Tgt Ion: 41 Resp: 44436
 Ion Ratio Lower Upper
 41 100
 39 76.5 61.0 91.4

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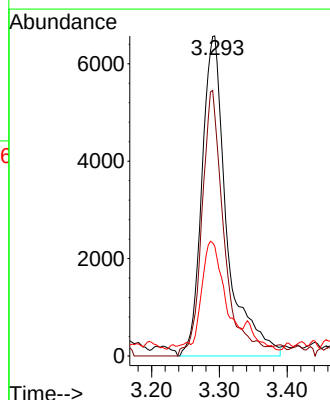
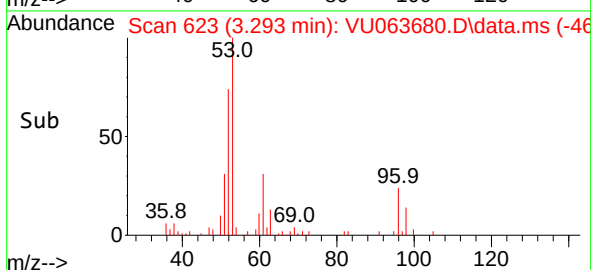
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

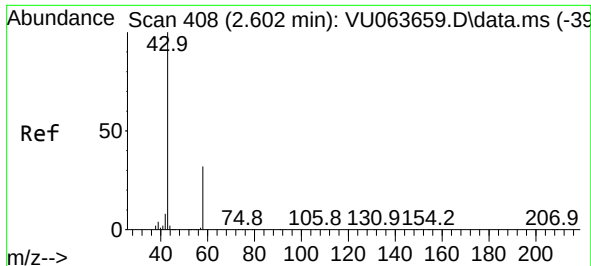


#12
 Acrylonitrile
 Concen: 4.658 ug/l
 RT: 3.293 min Scan# 623
 Delta R.T. 0.006 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12



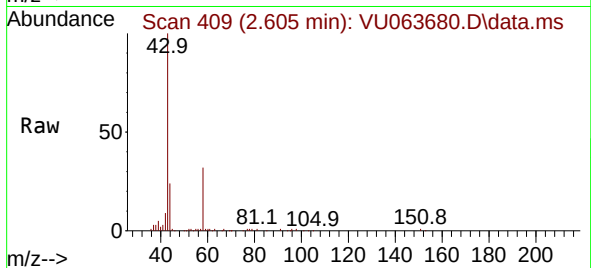
Tgt Ion: 53 Resp: 16807
 Ion Ratio Lower Upper
 53 100
 52 73.4 65.4 98.0
 51 28.7 27.6 41.4





#13
Acetone
Concen: 9.490 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

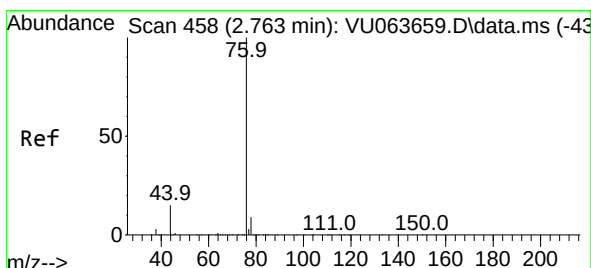
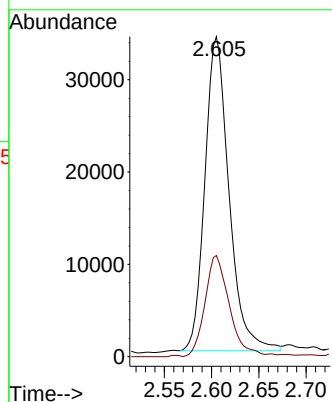
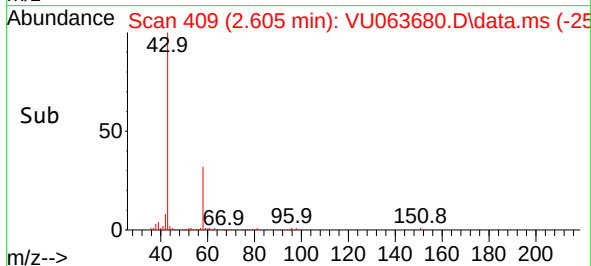
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



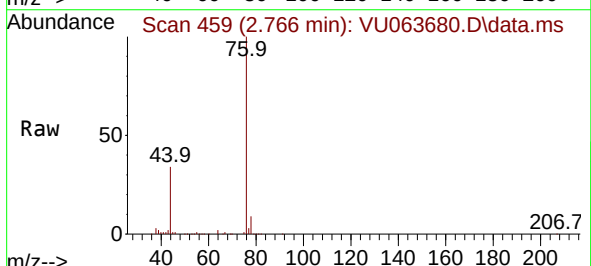
Tgt Ion: 43 Resp: 60479
Ion Ratio Lower Upper
43 100
58 31.9 25.2 37.8

Manual Integrations
APPROVED

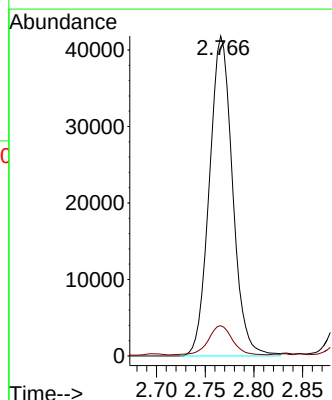
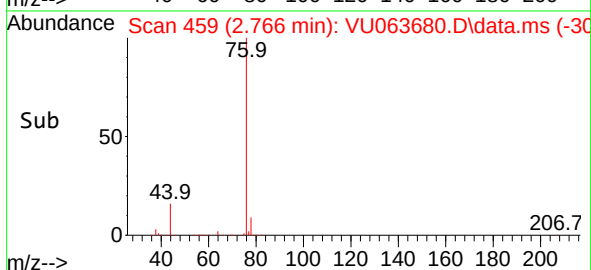
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

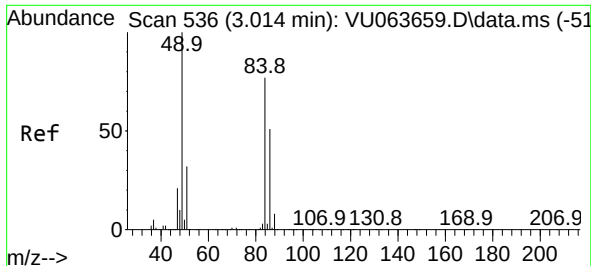


#14
Carbon Disulfide
Concen: 1.686 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



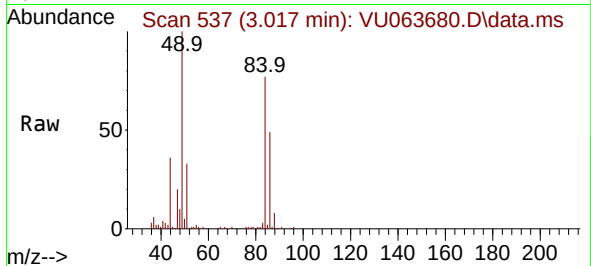
Tgt Ion: 76 Resp: 69293
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#15
Methylene Chloride
Concen: 1.929 ug/l
RT: 3.017 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

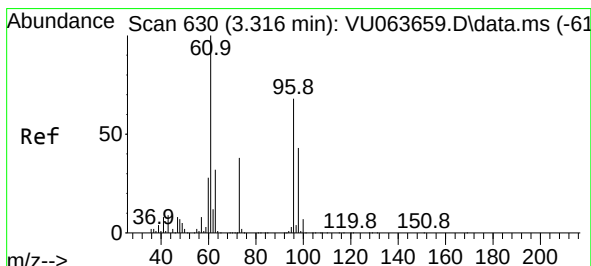
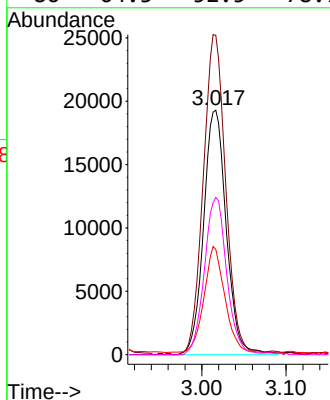
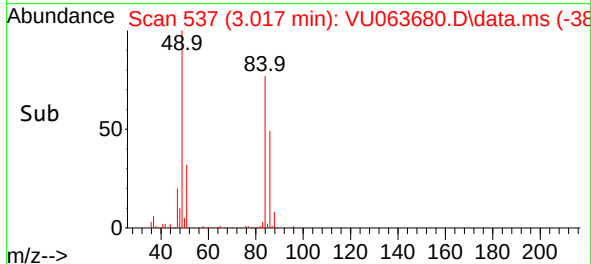
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion:	84	Resp:	36170
Ion	Ratio	Lower	Upper
84	100		
49	130.6	103.4	155.0
51	42.0	0.0	81.6
86	64.3	52.5	78.7

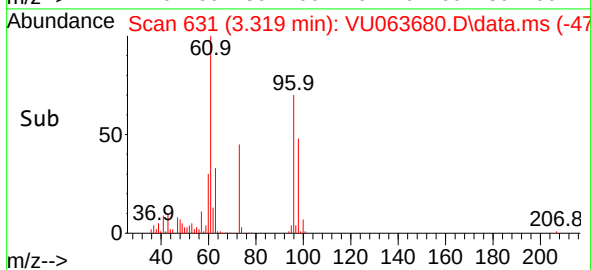
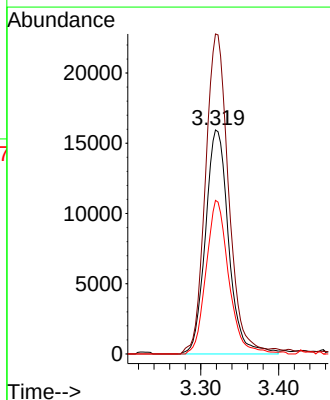
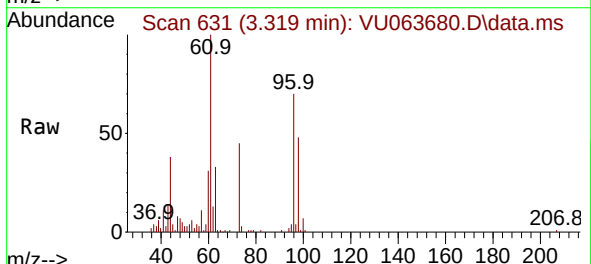
Manual Integrations
APPROVED

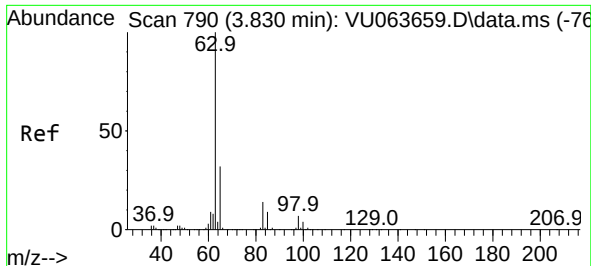
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 2.055 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

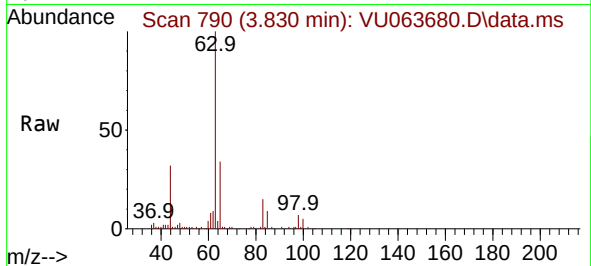
Tgt Ion:	96	Resp:	33058
Ion	Ratio	Lower	Upper
96	100		
61	142.9	117.4	176.2
98	68.6	49.9	74.9





#17
1,1-Dichloroethane
Concen: 2.038 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

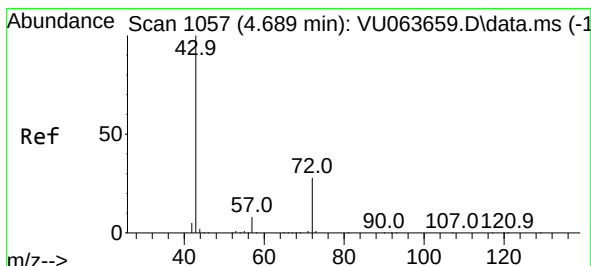
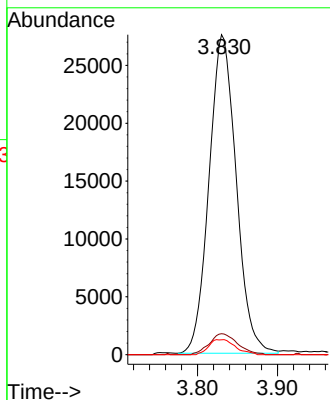
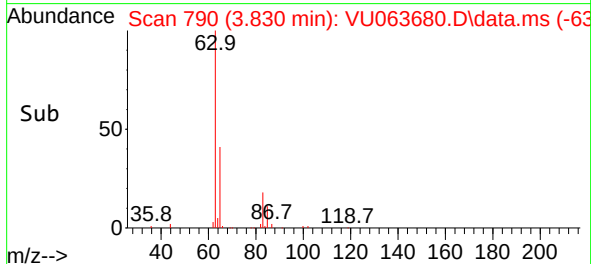
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



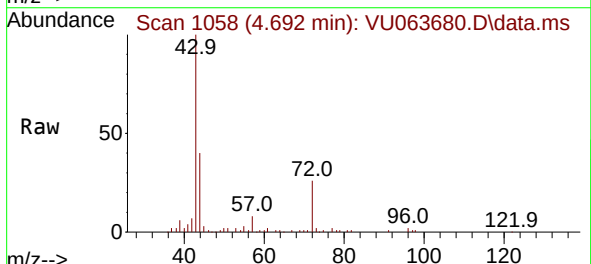
Tgt Ion: 63 Resp: 6492
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.5
100 4.7 2.2 6.6

Manual Integrations
APPROVED

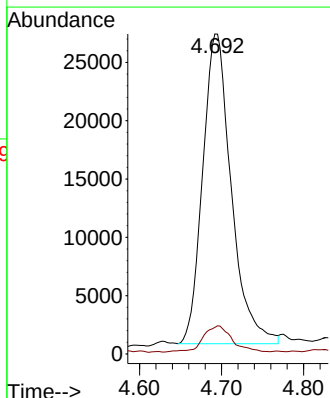
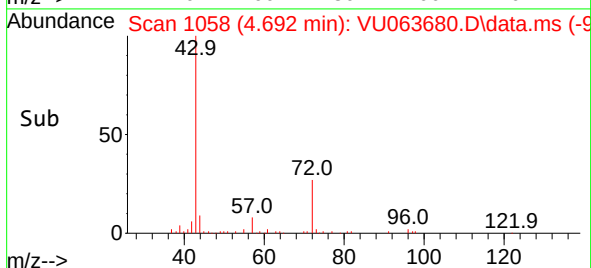
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

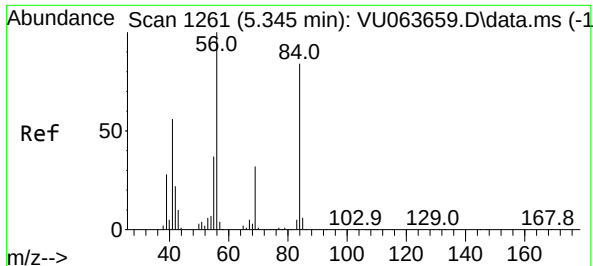


#18
2-Butanone
Concen: 9.533 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



Tgt Ion: 43 Resp: 64445
Ion Ratio Lower Upper
43 100
57 7.7 0.0 16.6





#19

Cyclohexane

Concen: 2.026 ug/l

RT: 5.341 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

Tgt Ion: 56 Resp: 4933

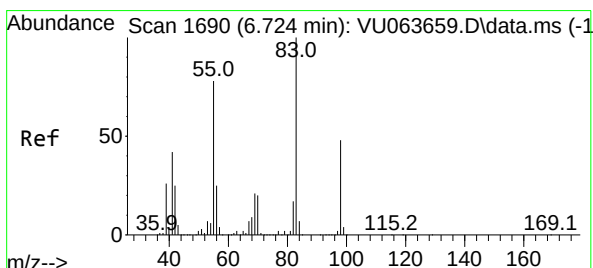
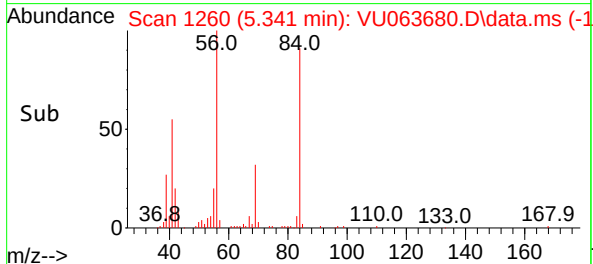
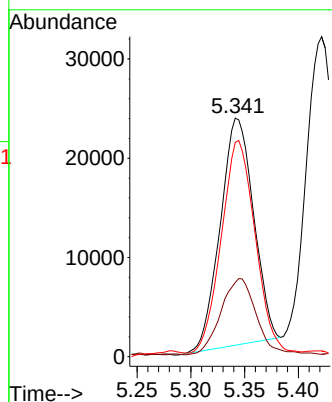
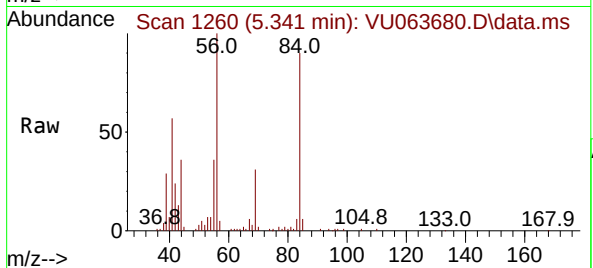
Ion	Ratio	Lower	Upper
56	100		
69	35.4	27.1	40.7
84	94.3	73.4	110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 1.936 ug/l

RT: 6.727 min Scan# 1691

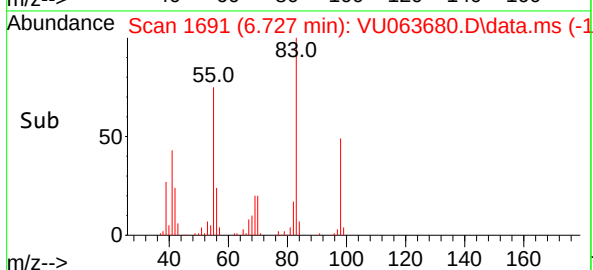
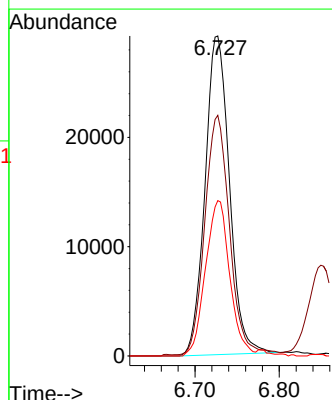
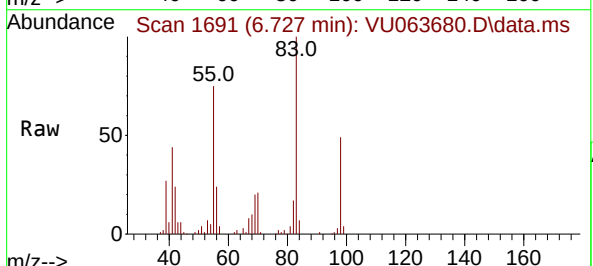
Delta R.T. 0.003 min

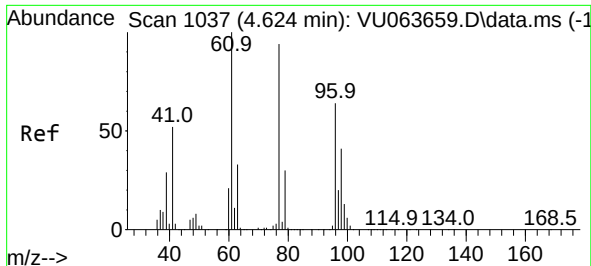
Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Tgt Ion: 83 Resp: 58674

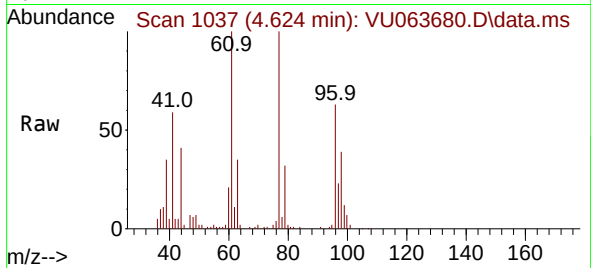
Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.5	92.3
98	46.9	37.9	56.9





#21
2,2-Dichloropropane
Concen: 1.929 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

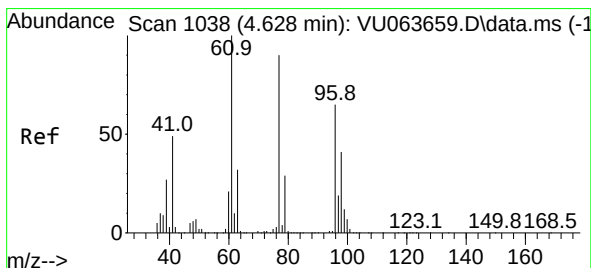
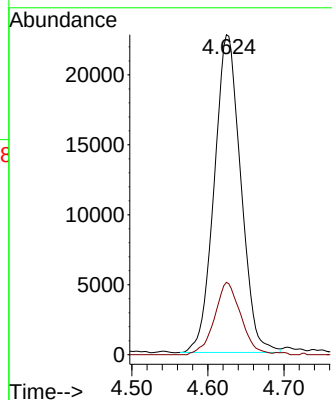
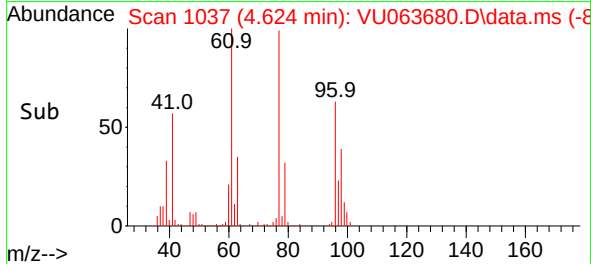
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



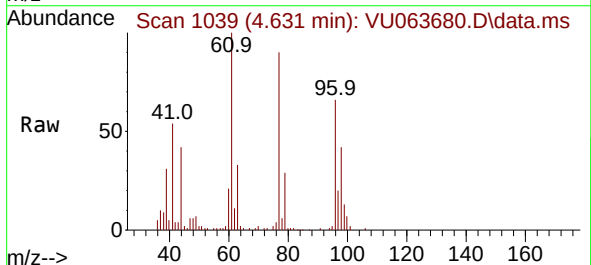
Tgt Ion: 77 Resp: 5514
Ion Ratio Lower Upper
77 100
97 22.6 17.1 25.7

Manual Integrations
APPROVED

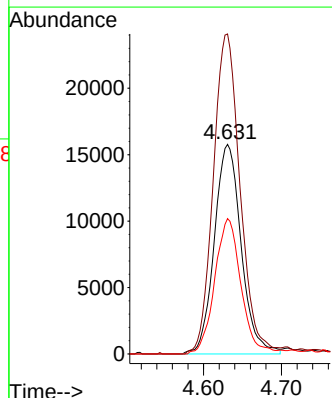
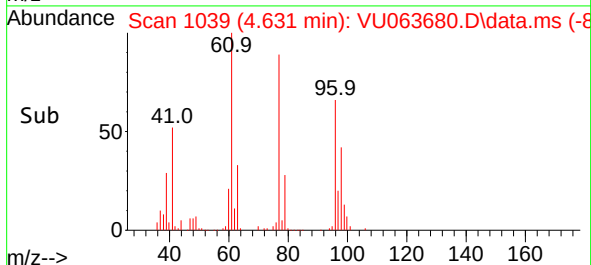
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

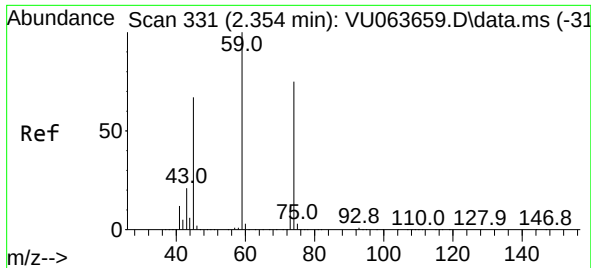


#22
cis-1,2-Dichloroethene
Concen: 2.064 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



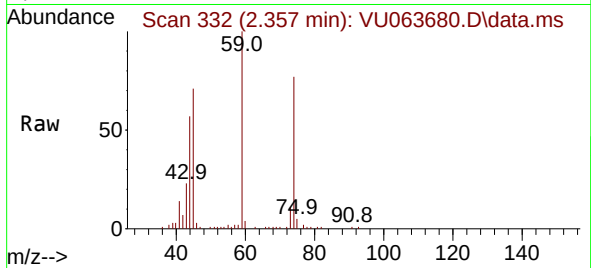
Tgt Ion: 96 Resp: 37804
Ion Ratio Lower Upper
96 100
61 152.4 0.0 385.0
98 63.0 31.3 93.9





#23
Diethyl Ether
Concen: 1.990 ug/l
RT: 2.357 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

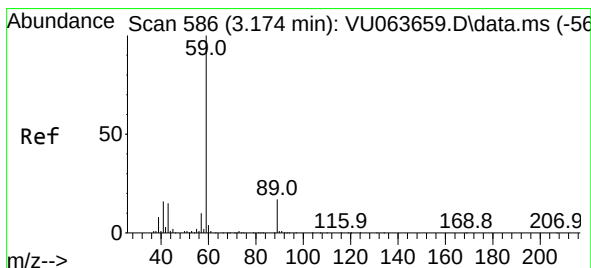
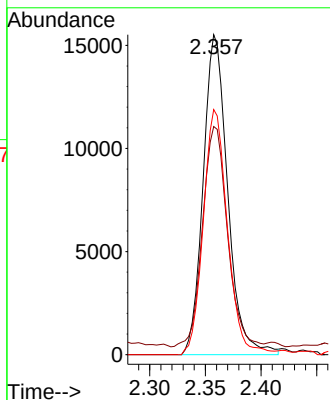
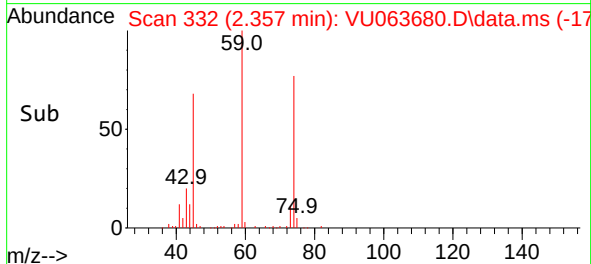
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 59 Resp: 2378
Ion Ratio Lower Upper
59 100
45 69.6 52.6 78.8
74 75.6 59.4 89.2

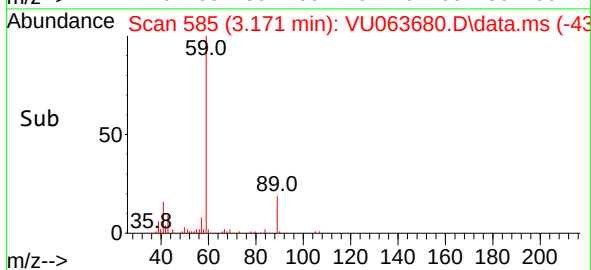
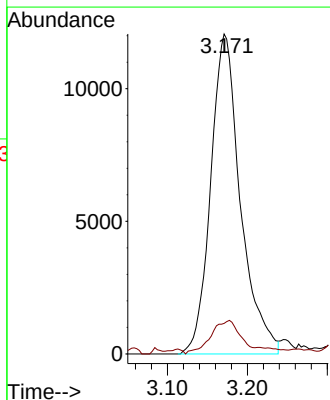
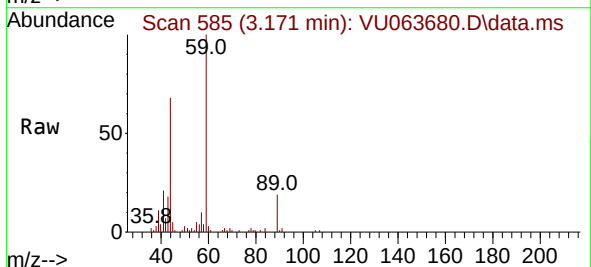
Manual Integrations
APPROVED

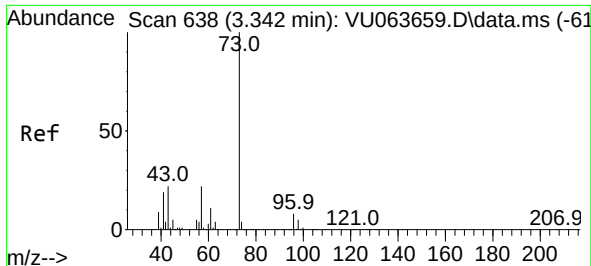
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#24
tert-Butyl Alcohol
Concen: 15.125 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

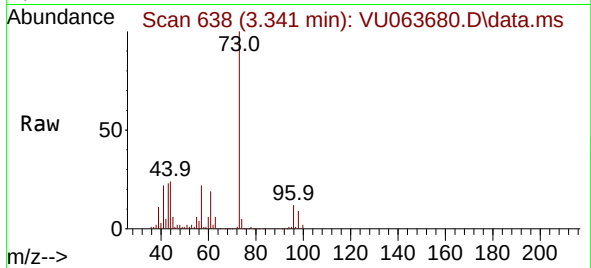
Tgt Ion: 59 Resp: 31161
Ion Ratio Lower Upper
59 100
57 10.5 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 1.983 ug/l
RT: 3.341 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

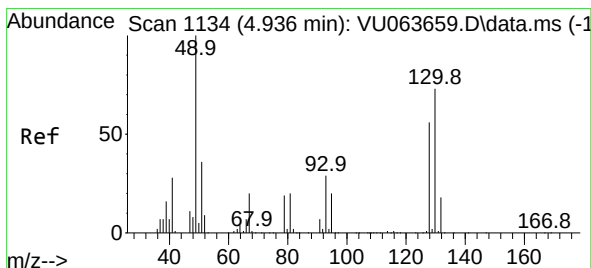
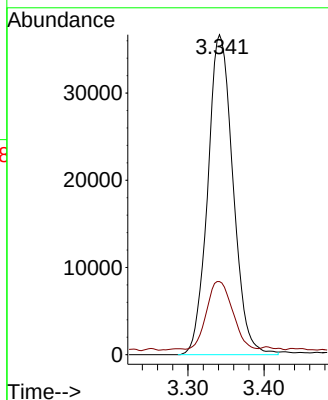
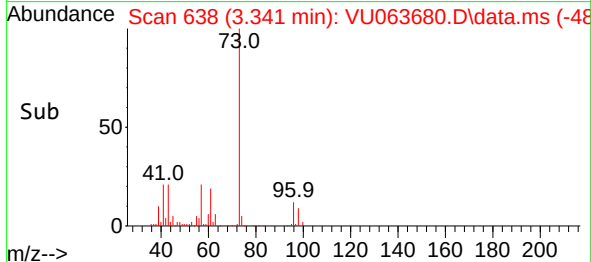
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 73 Resp: 8475
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0

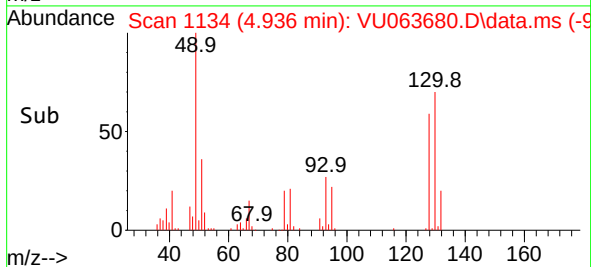
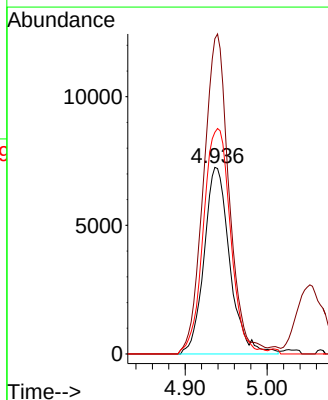
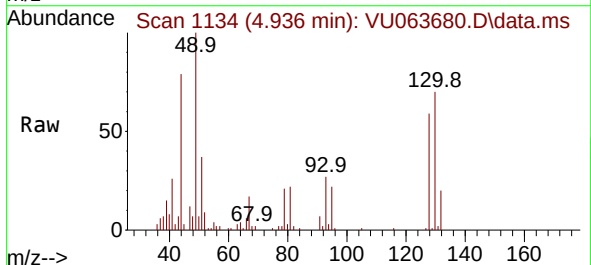
Manual Integrations
APPROVED

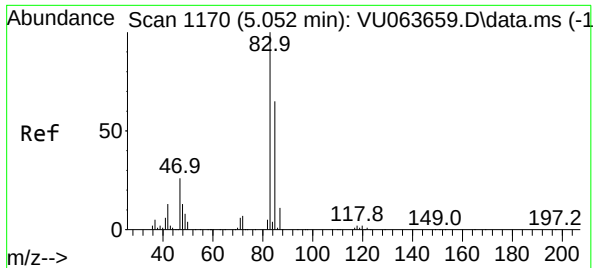
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 2.041 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion:128 Resp: 15770
Ion Ratio Lower Upper
128 100
49 170.2 0.0 349.6
130 128.2 102.7 154.1





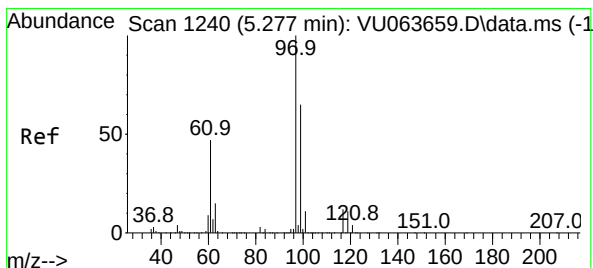
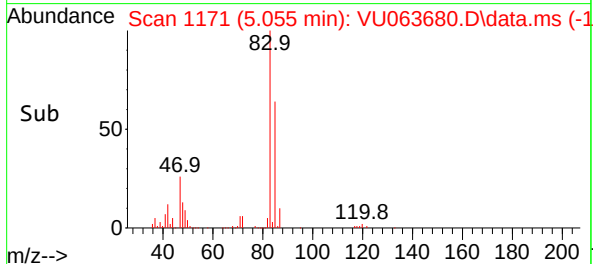
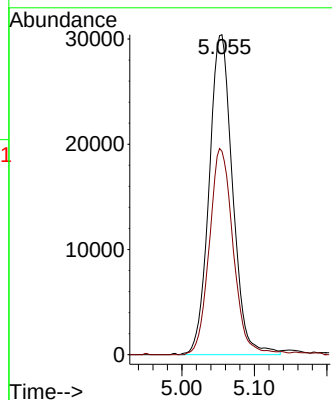
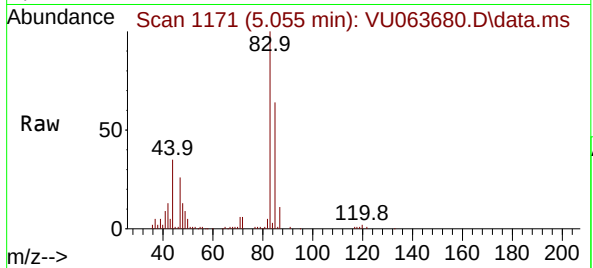
#27
Chloroform
Concen: 2.101 ug/l
RT: 5.055 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion: 83 Resp: 6848
Ion Ratio Lower Upper
83 100
85 63.5 0.0 130.8

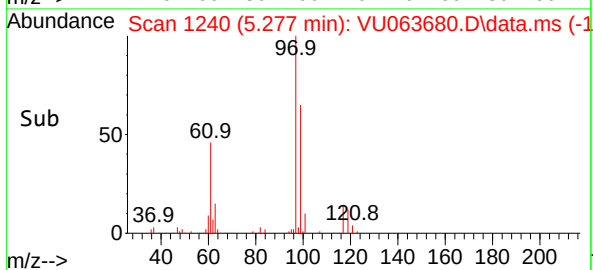
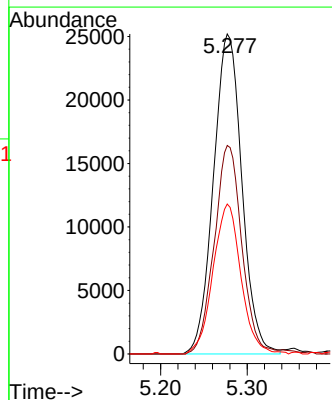
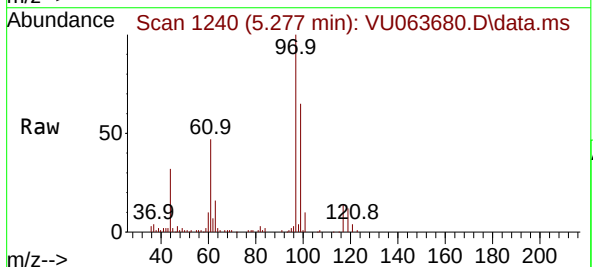
Manual Integrations
APPROVED

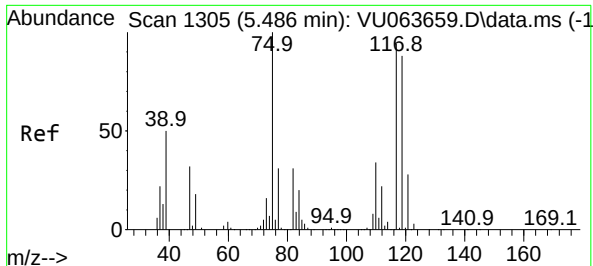
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#28
1,1,1-Trichloroethane
Concen: 2.002 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion: 97 Resp: 57554
Ion Ratio Lower Upper
97 100
99 63.2 32.3 96.8
61 46.0 23.3 69.8





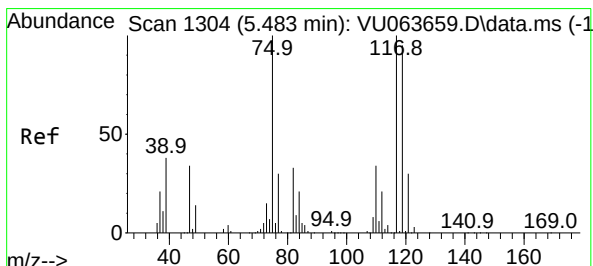
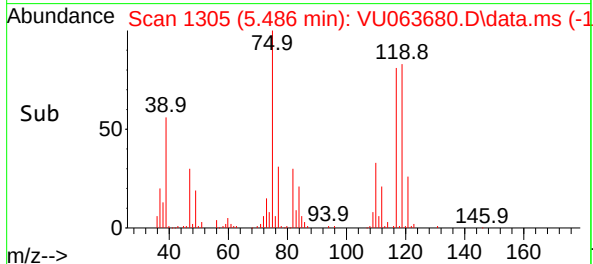
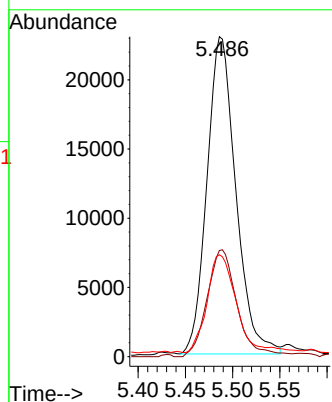
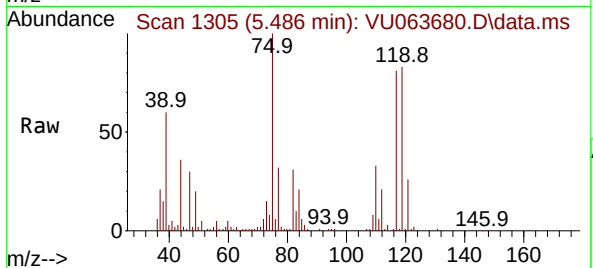
#29
1,1-Dichloropropene
Concen: 2.018 ug/l
RT: 5.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion: 75 Resp: 48694
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 31.4 24.5 36.7

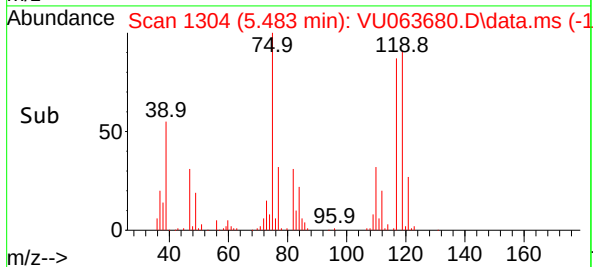
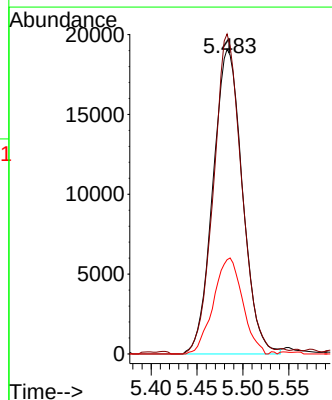
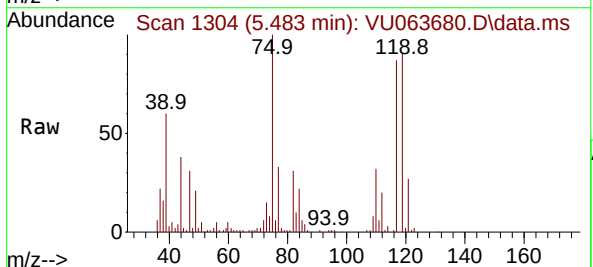
Manual Integrations
APPROVED

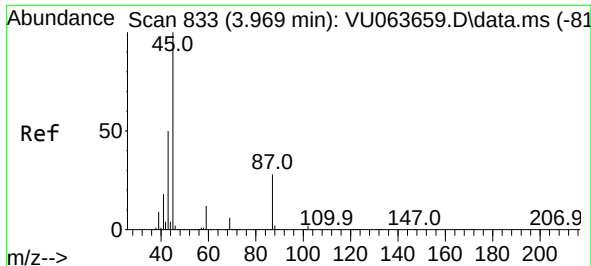
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Carbon Tetrachloride
Concen: 1.879 ug/l
RT: 5.483 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

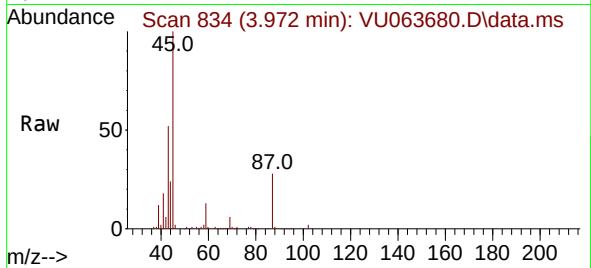
Tgt Ion:117 Resp: 42753
Ion Ratio Lower Upper
117 100
119 105.0 75.7 113.5
121 30.9 23.8 35.6





#31
Isopropyl Ether
Concen: 2.085 ug/l
RT: 3.972 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

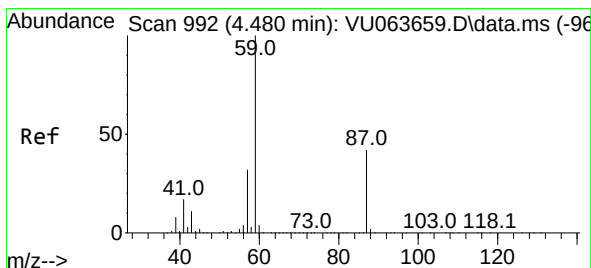
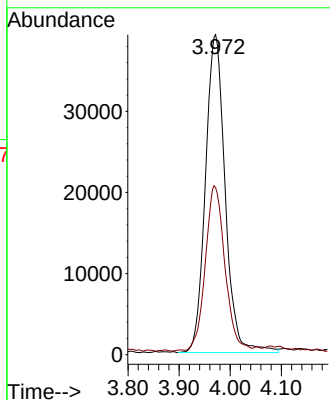
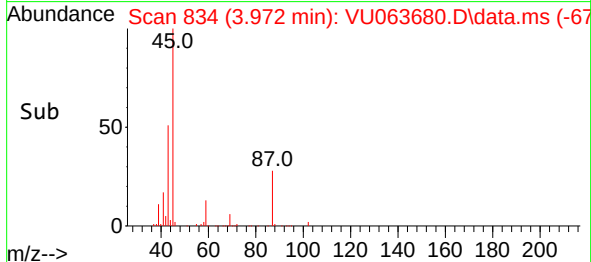
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 45 Resp: 105269
Ion Ratio Lower Upper
45 100
43 50.9 25.3 75.9

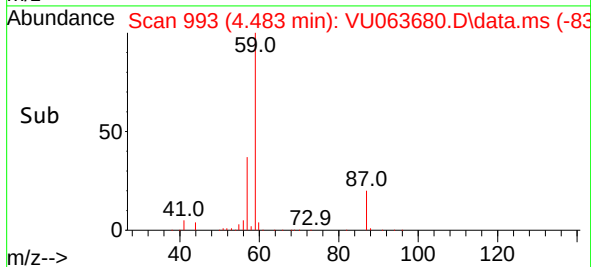
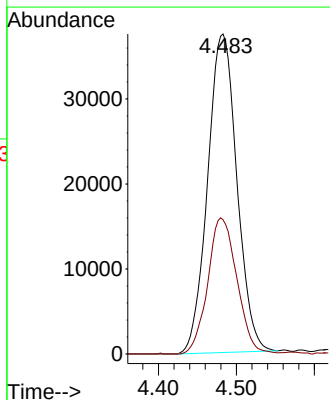
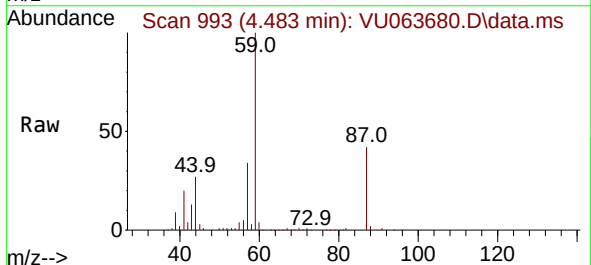
Manual Integrations
APPROVED

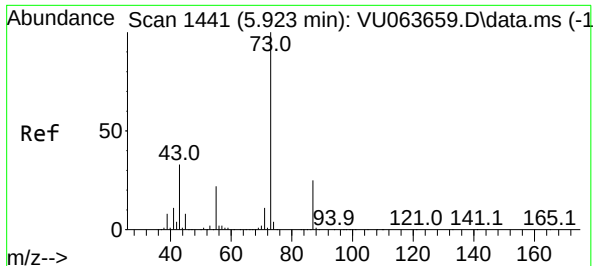
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
Ethyl-t-butyl ether
Concen: 2.012 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

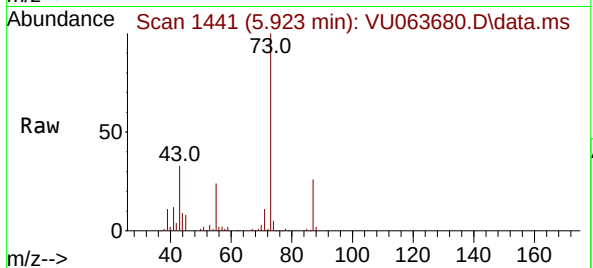
Tgt Ion: 59 Resp: 97843
Ion Ratio Lower Upper
59 100
87 42.0 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 2.020 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

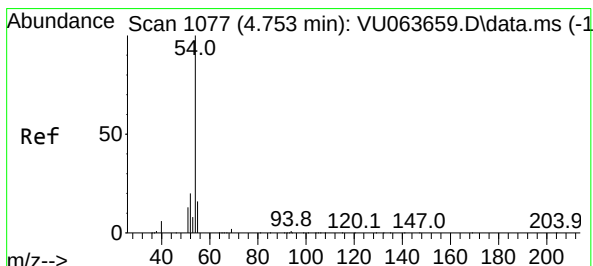
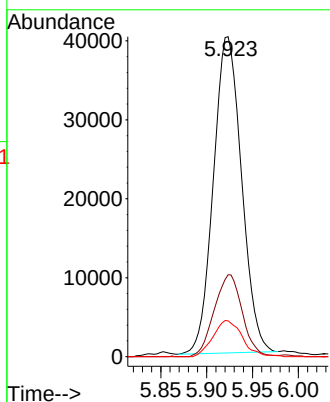
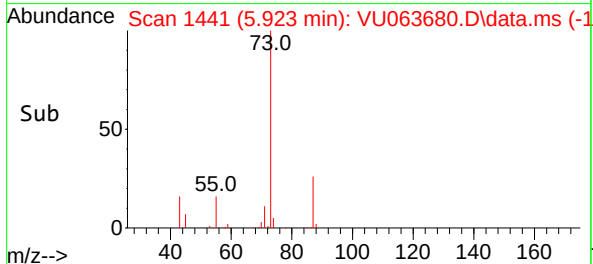
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



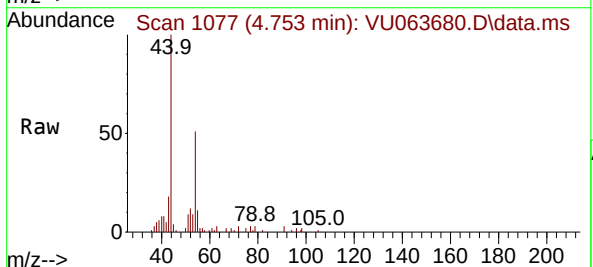
Tgt Ion: 73 Resp: 8554
Ion Ratio Lower Upper
73 100
87 25.3 20.0 30.0
71 11.9 9.0 13.4

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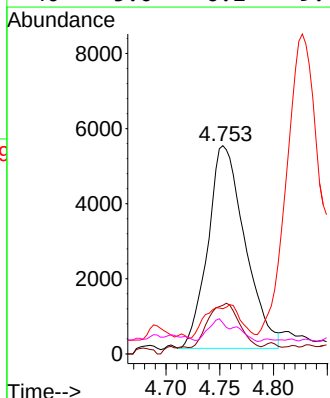
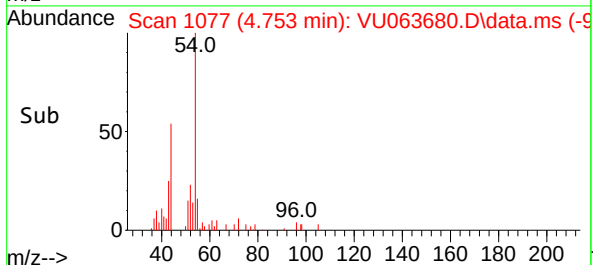
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

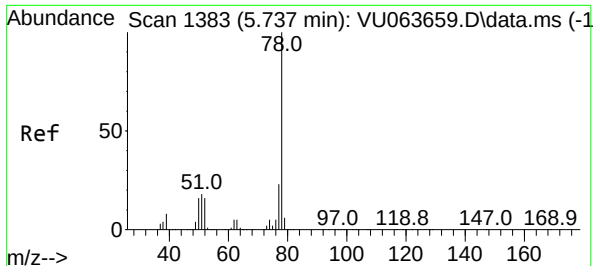


#34
Propionitrile
Concen: 9.800 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



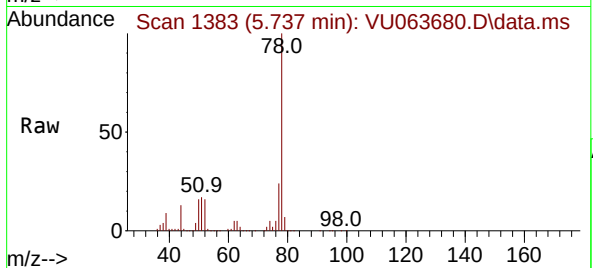
Tgt Ion: 54 Resp: 12946
Ion Ratio Lower Upper
54 100
52 18.5 15.8 23.6
55 15.5 11.3 16.9
40 5.0 6.2 9.4#





#35
Benzene
Concen: 2.090 ug/l
RT: 5.737 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

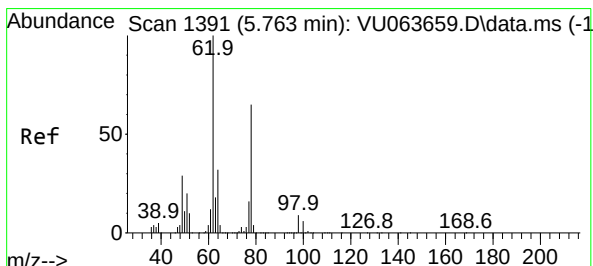
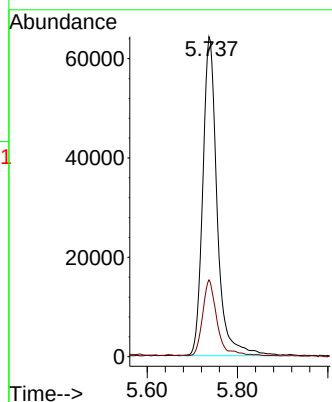
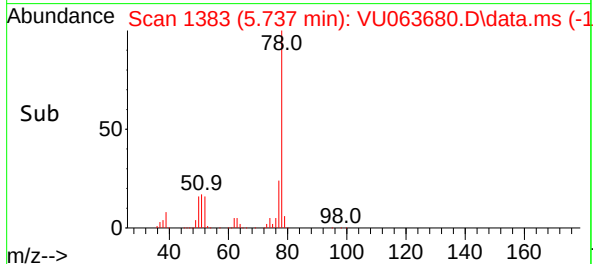
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



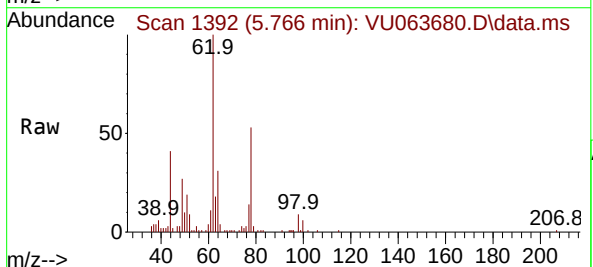
Tgt Ion: 78 Resp: 142190
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

Manual Integrations
APPROVED

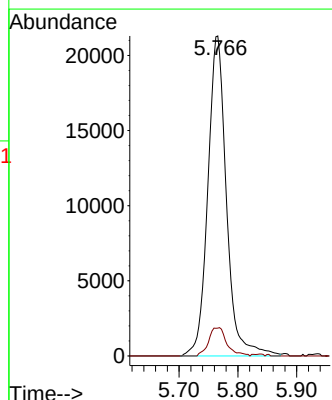
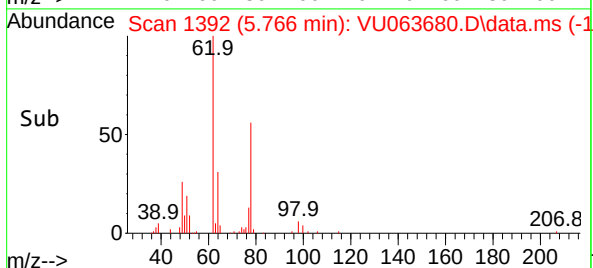
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

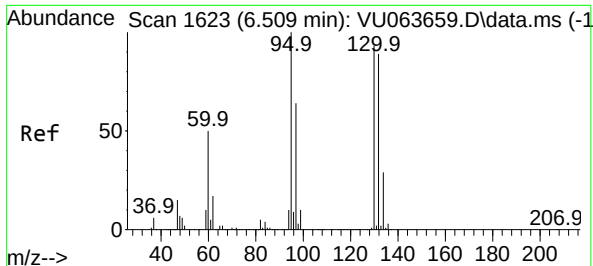


#36
1,2-Dichloroethane
Concen: 2.146 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



Tgt Ion: 62 Resp: 46887
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 2.063 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

Tgt Ion:130 Resp: 4000

Ion Ratio Lower Upper

130 100

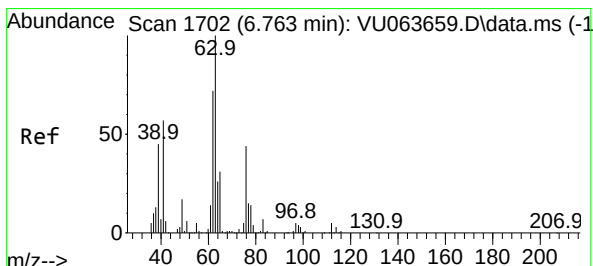
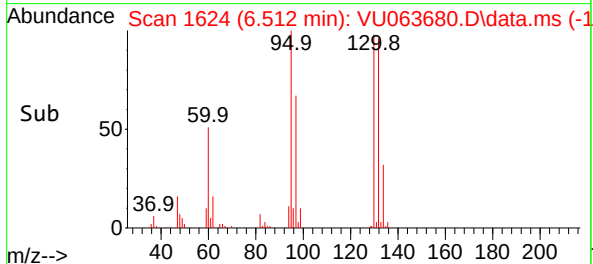
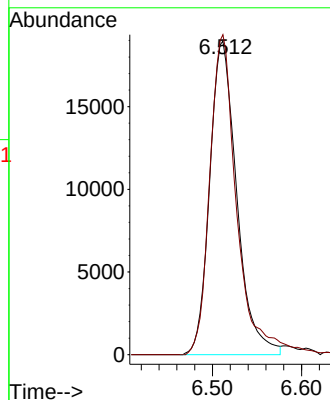
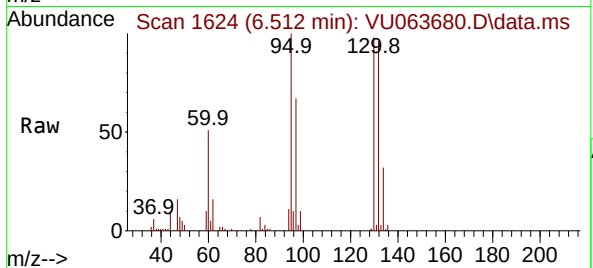
95 102.0 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 1.951 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063680.D

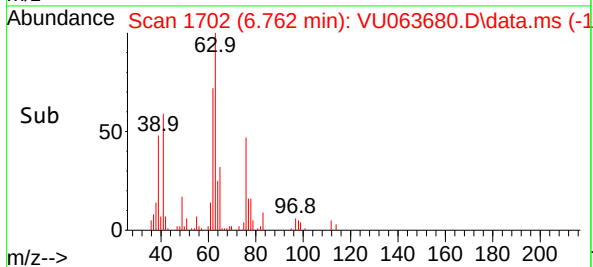
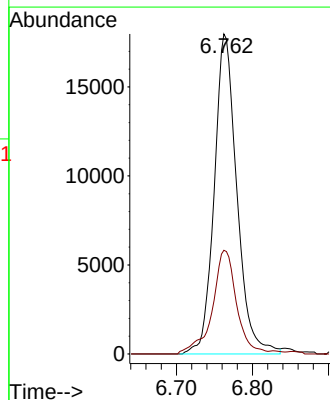
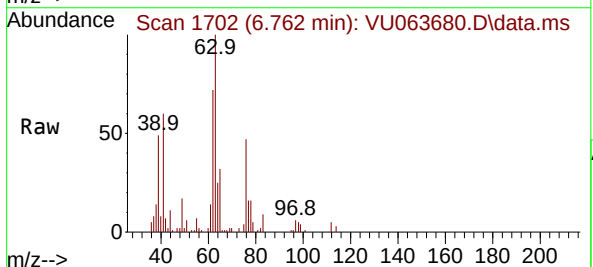
Acq: 07 Nov 2025 11:12

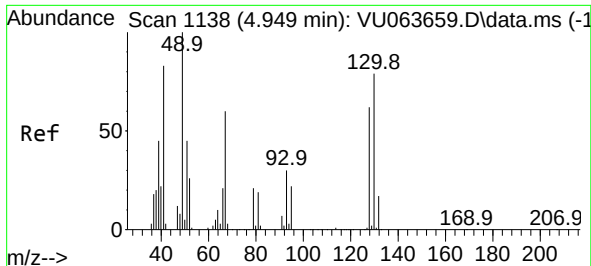
Tgt Ion: 63 Resp: 37135

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7





#39

Methacrylonitrile

Concen: 1.792 ug/l

RT: 4.952 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VU063680.D

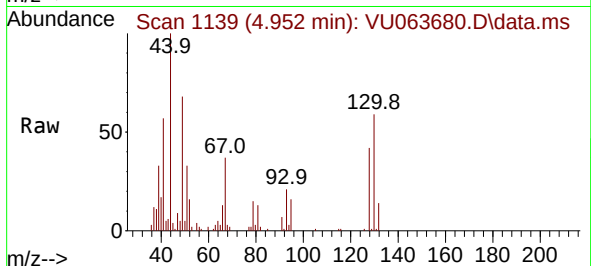
Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01



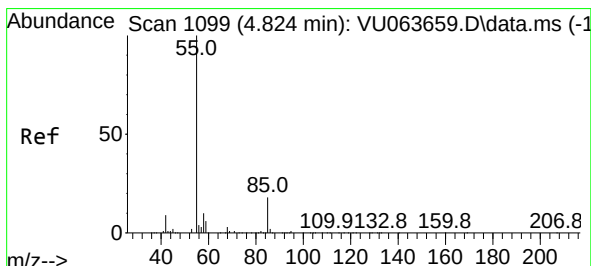
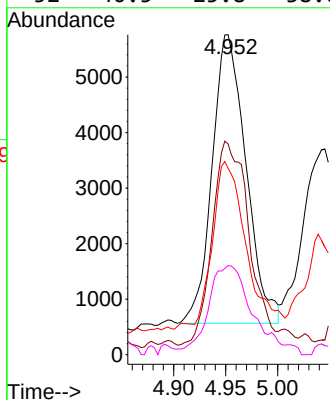
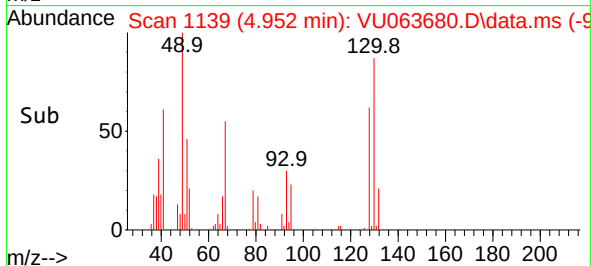
Tgt Ion:	41	Resp:	1178
Ion	Ratio	Lower	Upper
41	100		
67	76.2	61.4	92.2
39	55.1	46.5	69.7
52	40.5	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 1.885 ug/l

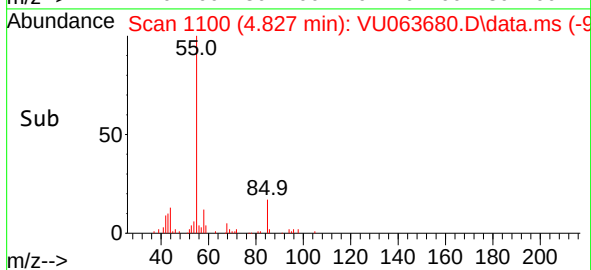
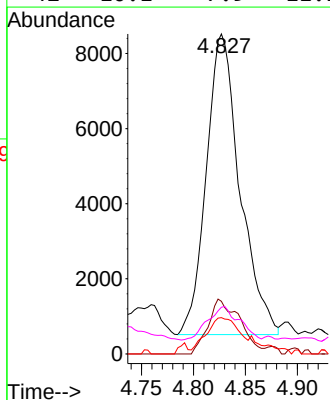
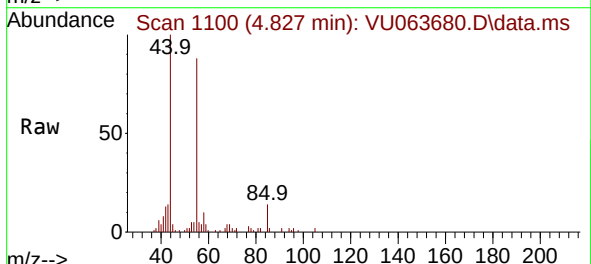
RT: 4.827 min Scan# 1100

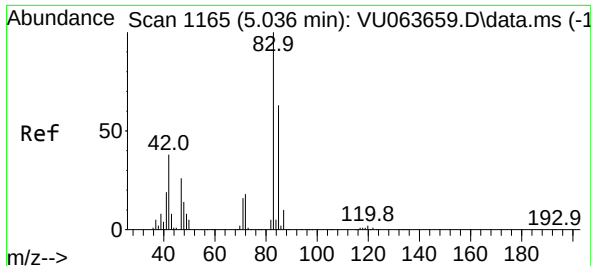
Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Tgt Ion:	55	Resp:	18004
Ion	Ratio	Lower	Upper
55	100		
85	17.1	15.3	22.9
58	14.6	7.7	11.5
42	10.1	7.9	11.9





#41

Tetrahydrofuran

Concen: 4.124 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

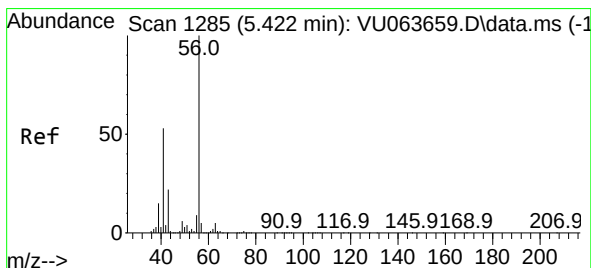
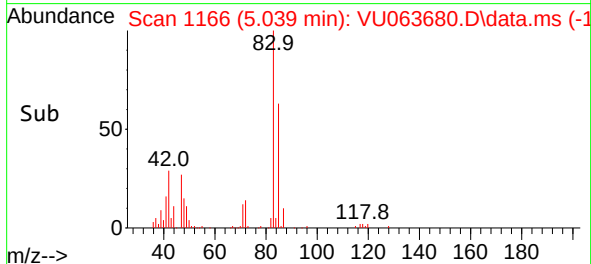
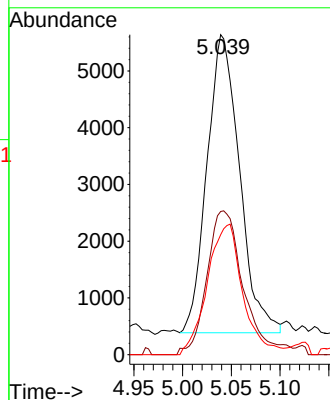
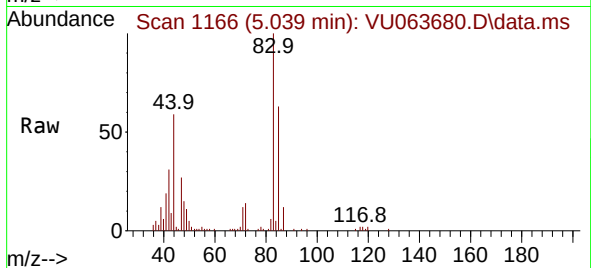
Tgt Ion:	42	Resp:	1220
Ion Ratio	Lower	Upper	
42	100		
72	54.1	40.5	60.7
71	47.5	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#42

1-Chlorobutane

Concen: 2.033 ug/l

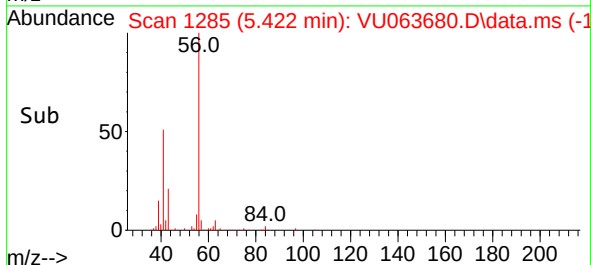
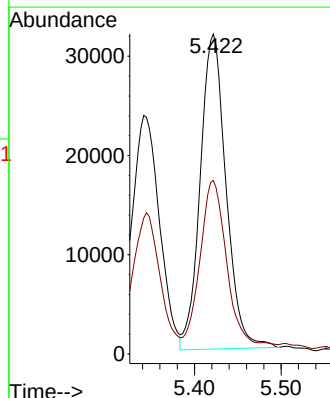
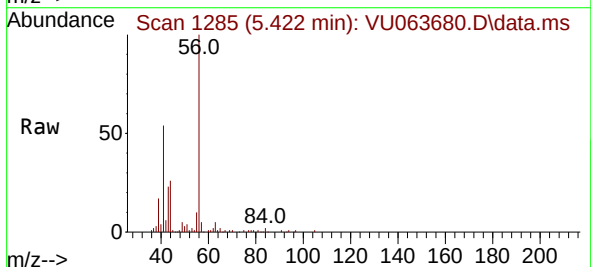
RT: 5.422 min Scan# 1285

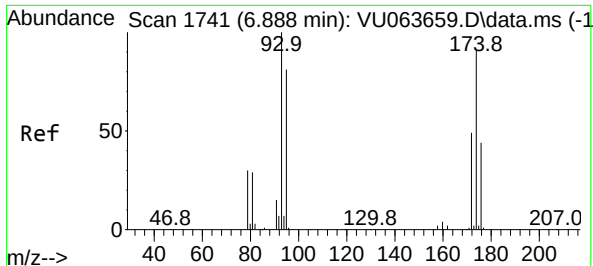
Delta R.T. -0.000 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

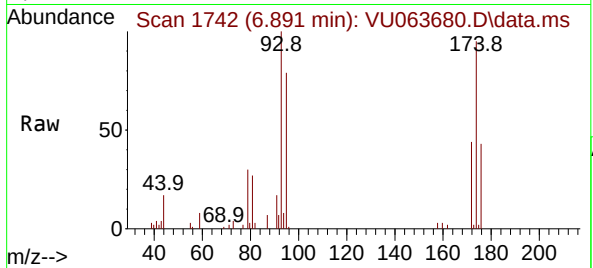
Tgt Ion:	56	Resp:	65769
Ion Ratio	Lower	Upper	
56	100		
41	53.2	25.9	77.6





#43
Dibromomethane
Concen: 2.020 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

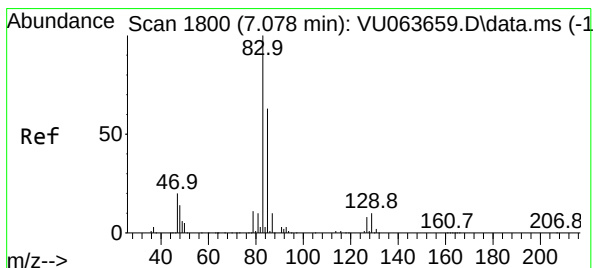
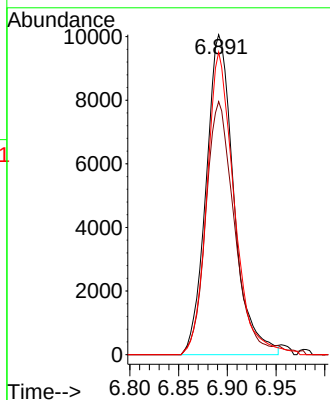
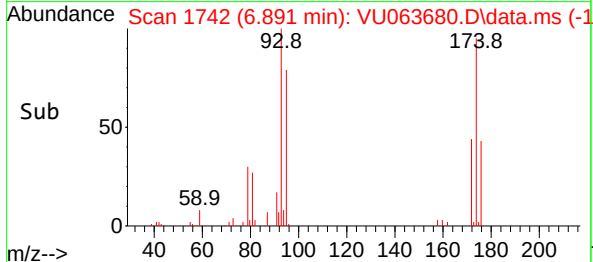
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



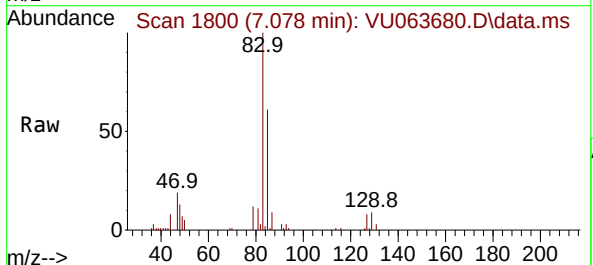
Tgt Ion: 93 Resp: 19890
Ion Ratio Lower Upper
93 100
95 81.0 64.6 97.0
174 93.2 73.8 110.8

Manual Integrations
APPROVED

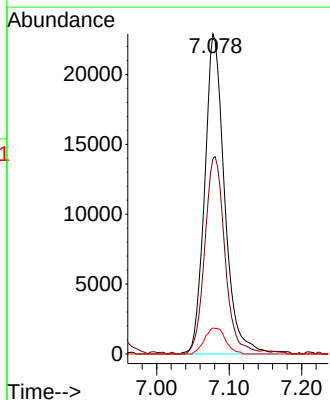
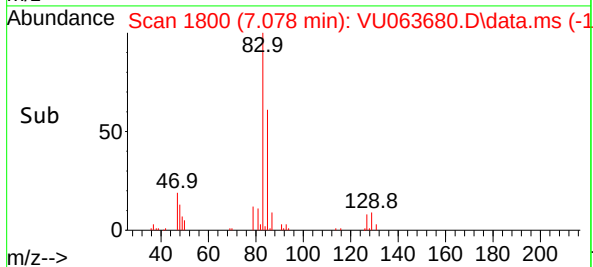
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

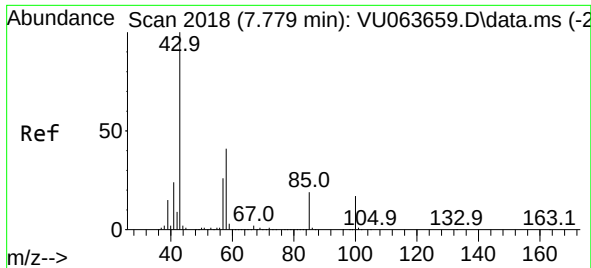


#44
Bromodichloromethane
Concen: 1.814 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



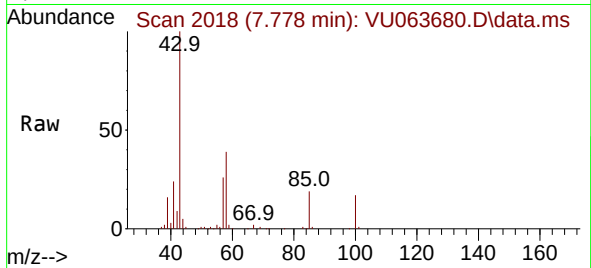
Tgt Ion: 83 Resp: 43682
Ion Ratio Lower Upper
83 100
85 61.1 50.5 75.7
127 8.1 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 9.028 ug/l
RT: 7.778 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

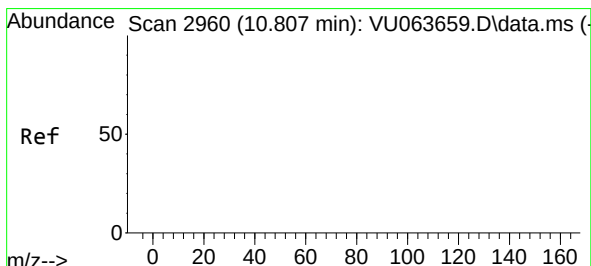
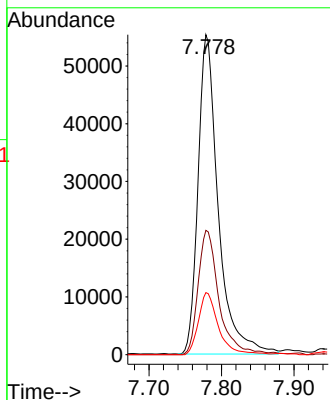
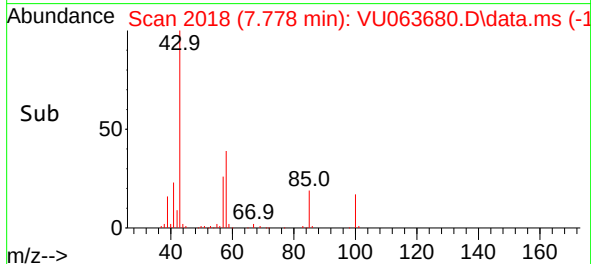
Instrument : MSVOA_U
ClientSampleId : VU1107WBS01



Tgt Ion: 43 Resp: 10722
Ion Ratio Lower Upper
43 100
58 39.9 20.2 60.5
85 19.2 15.0 22.6

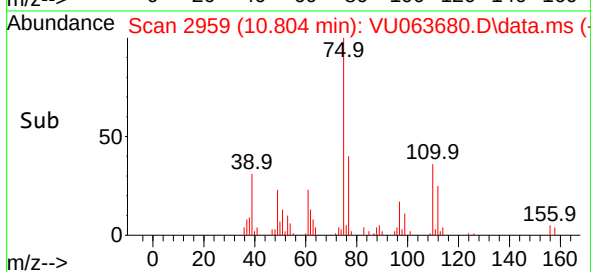
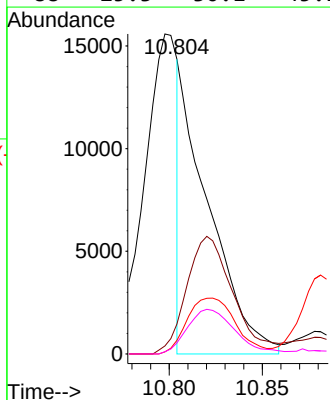
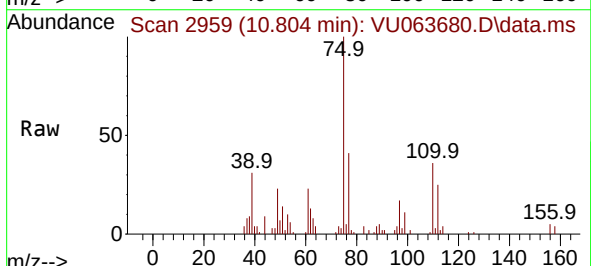
Manual Integrations
APPROVED

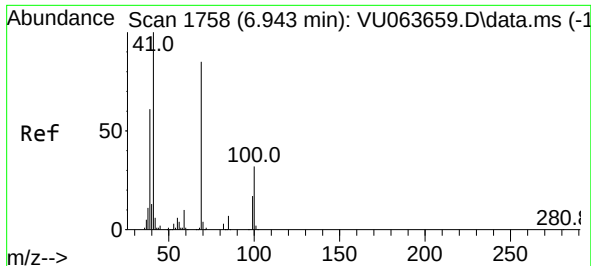
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 3.700 ug/l m
RT: 10.804 min Scan# 2959
Delta R.T. -0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

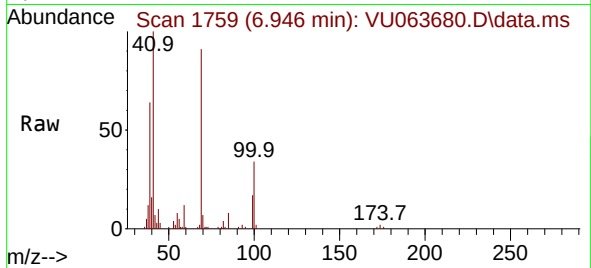
Tgt Ion: 75 Resp: 15244
Ion Ratio Lower Upper
75 100
53 64.8 57.2 85.8
89 32.3 37.9 56.9#
88 25.3 30.1 45.1#





#47
Methyl methacrylate
Concen: 3.768 ug/l
RT: 6.946 min Scan# 1758
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

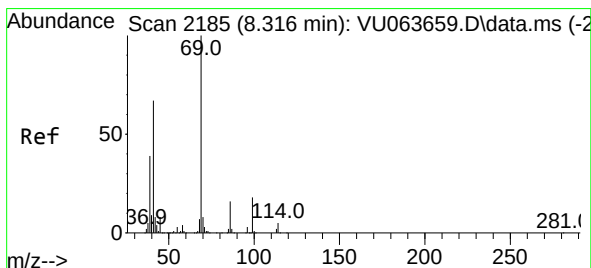
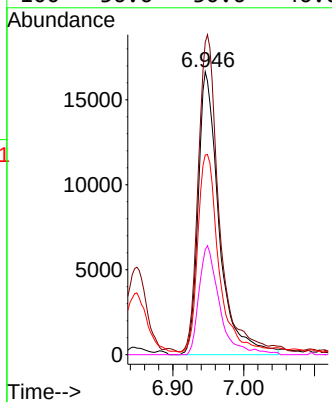
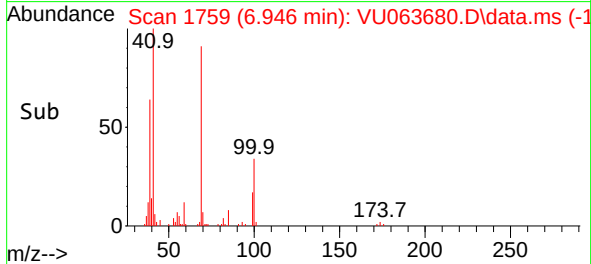
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 69 Resp: 3414
Ion Ratio Lower Upper
69 100
41 110.3 0.0 228.2
39 69.6 56.2 84.4
100 36.6 30.6 46.0

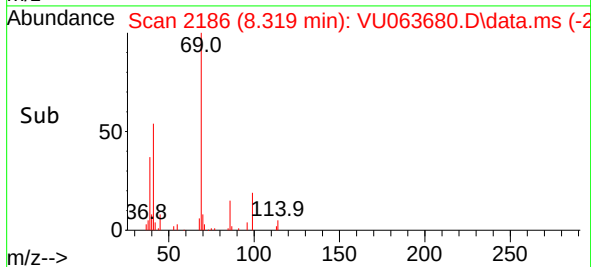
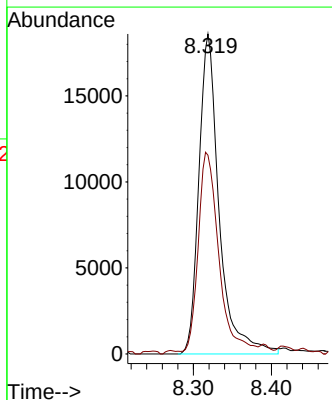
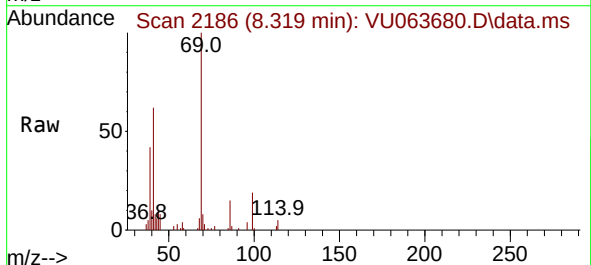
Manual Integrations
APPROVED

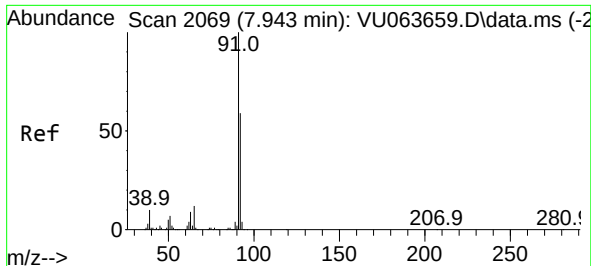
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 1.823 ug/l
RT: 8.319 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

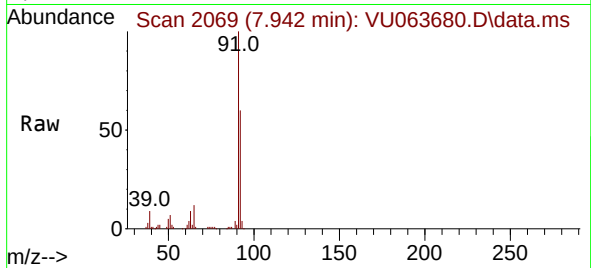
Tgt Ion: 69 Resp: 33599
Ion Ratio Lower Upper
69 100
41 62.1 32.8 98.3





#49
Toluene
Concen: 1.960 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

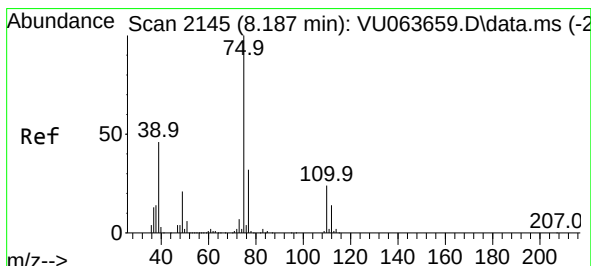
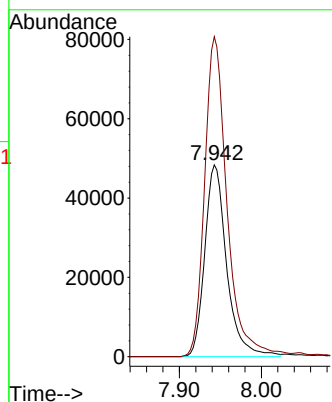
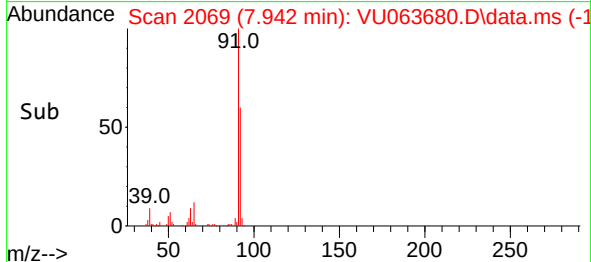
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



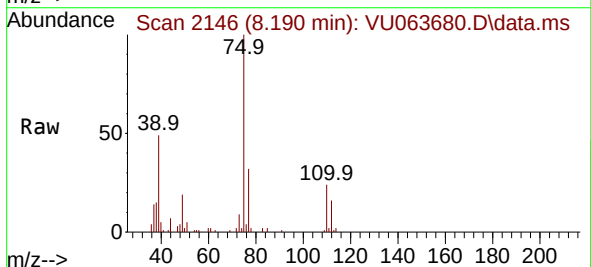
Tgt Ion: 92 Resp: 89925
Ion Ratio Lower Upper
92 100
91 170.3 136.8 205.2

Manual Integrations
APPROVED

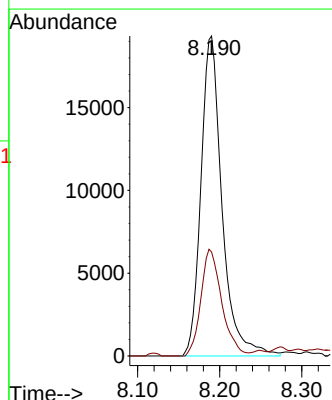
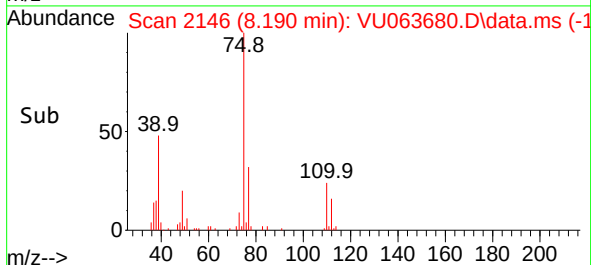
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

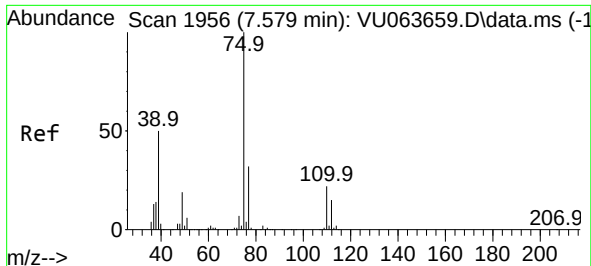


#50
t-1,3-Dichloropropene
Concen: 1.647 ug/l
RT: 8.190 min Scan# 2146
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



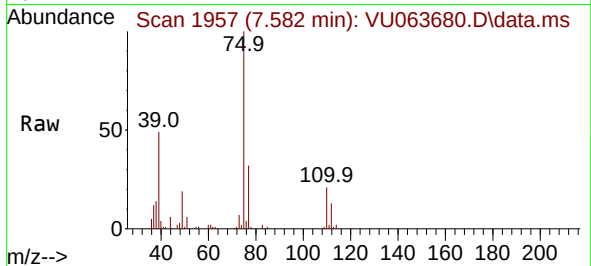
Tgt Ion: 75 Resp: 34481
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 1.738 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

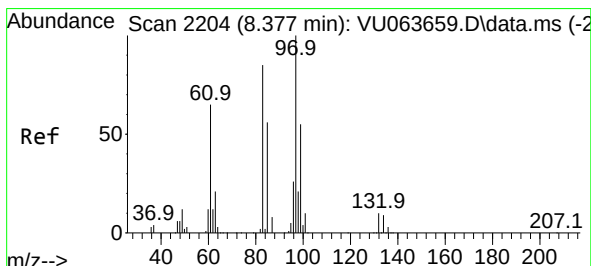
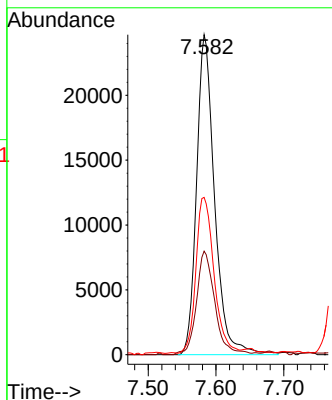
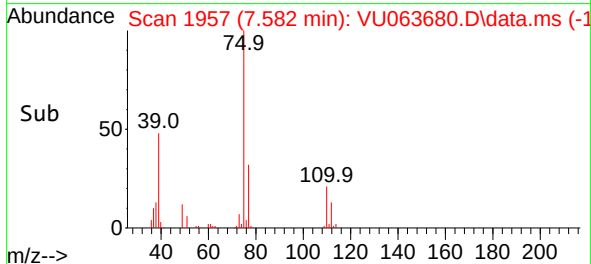
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBS01



Tgt Ion: 75 Resp: 45510
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 48.7 39.9 59.9

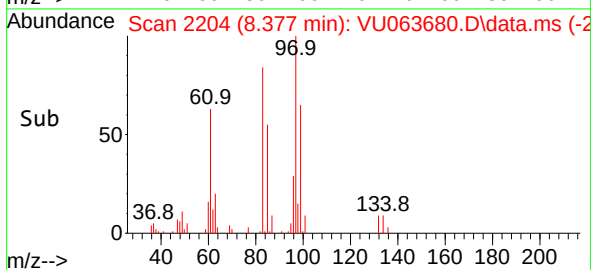
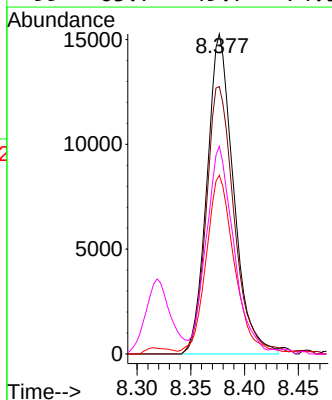
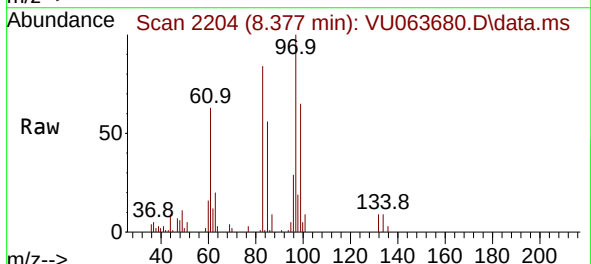
Manual Integrations
 APPROVED

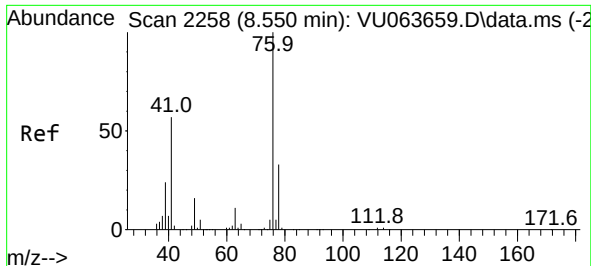
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.965 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

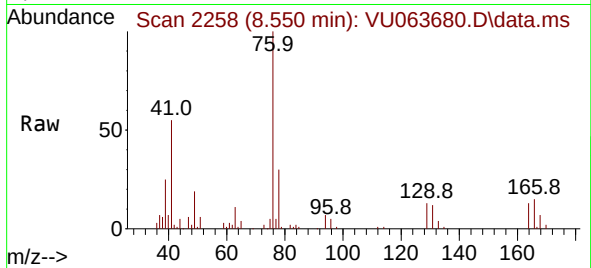
Tgt Ion: 97 Resp: 26308
 Ion Ratio Lower Upper
 97 100
 83 83.5 68.3 102.5
 85 54.9 45.3 67.9
 99 63.7 49.7 74.5





#53
1,3-Dichloropropane
Concen: 2.019 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

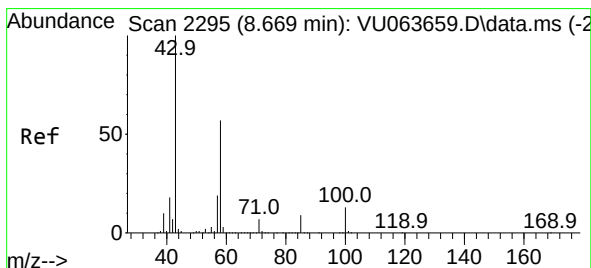
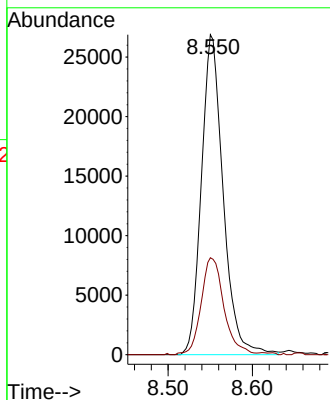
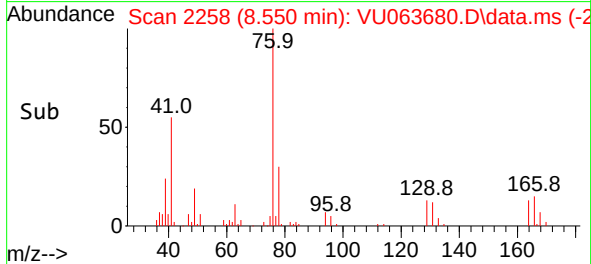
Instrument : MSVOA_U
ClientSampleId : VU1107WBS01



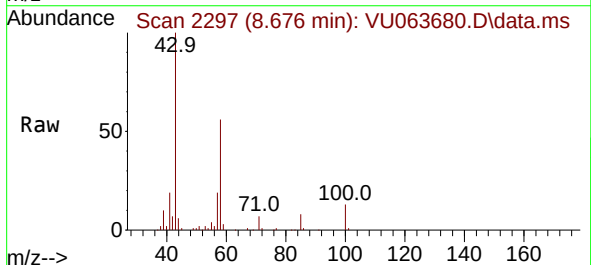
Tgt Ion: 76 Resp: 48289
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

Manual Integrations
APPROVED

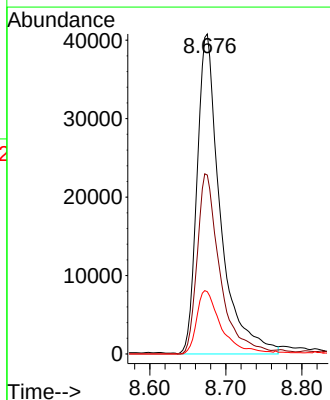
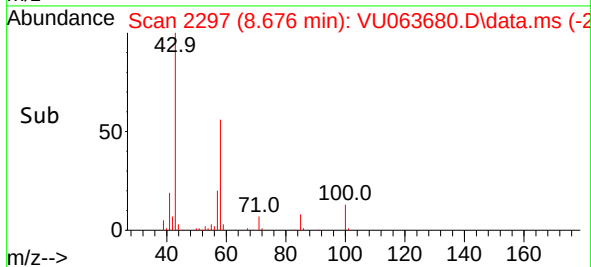
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

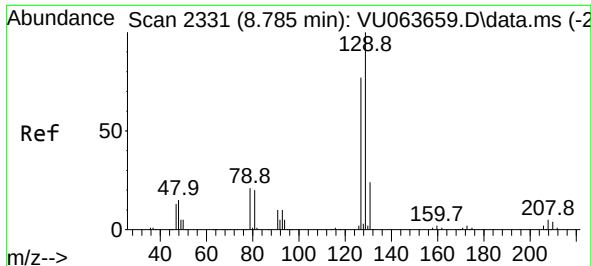


#54
2-Hexanone
Concen: 8.642 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



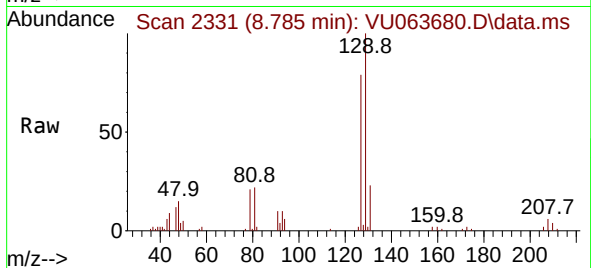
Tgt Ion: 43 Resp: 86651
Ion Ratio Lower Upper
43 100
58 55.0 36.3 76.3
57 20.8 0.0 39.7





#55
Dibromochloromethane
Concen: 1.651 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

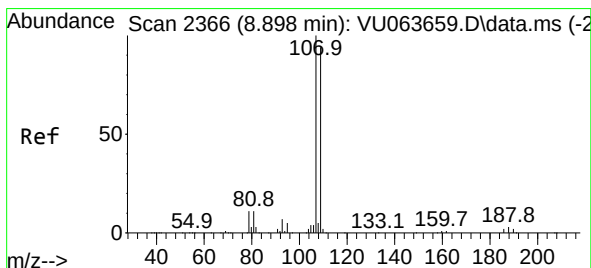
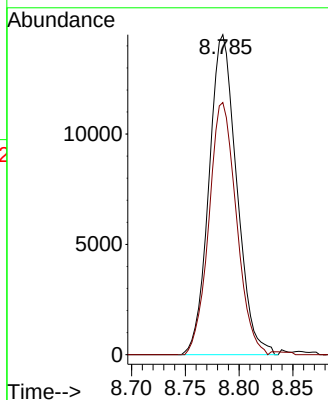
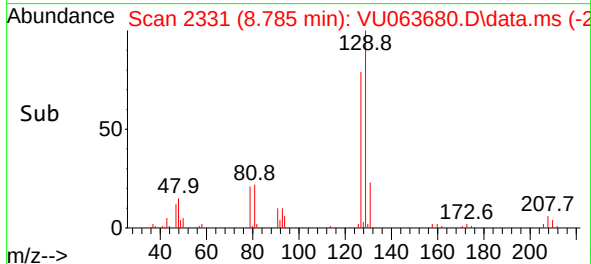
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion:129 Resp: 2603
Ion Ratio Lower Upper
129 100
127 78.0 61.4 92.0

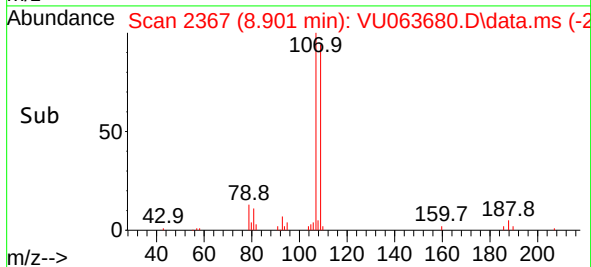
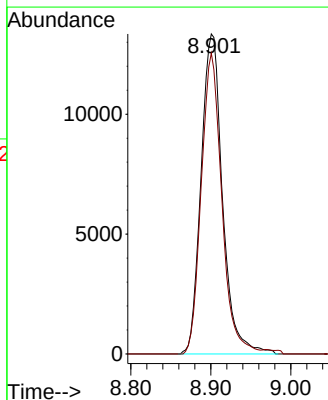
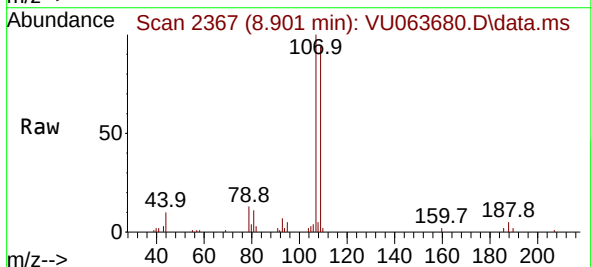
Manual Integrations
APPROVED

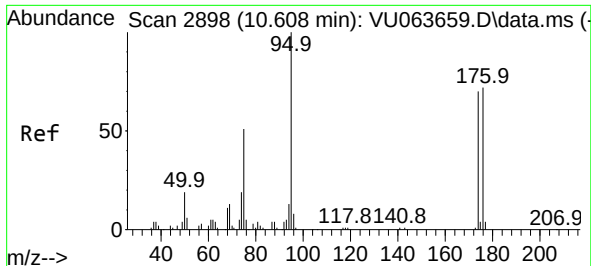
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
1,2-Dibromoethane
Concen: 1.959 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

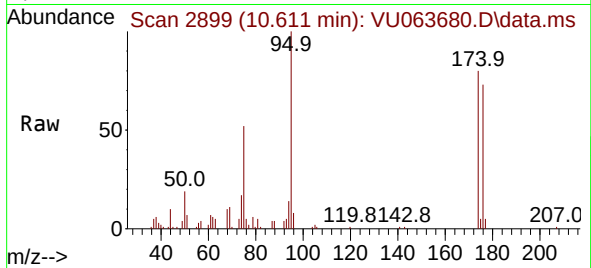
Tgt Ion:107 Resp: 24957
Ion Ratio Lower Upper
107 100
109 89.9 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

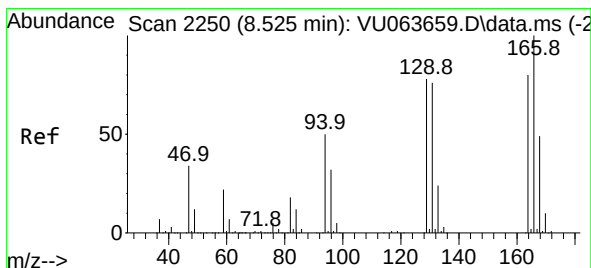
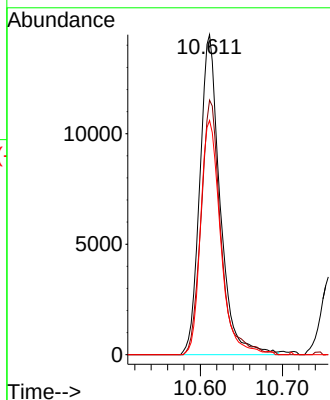
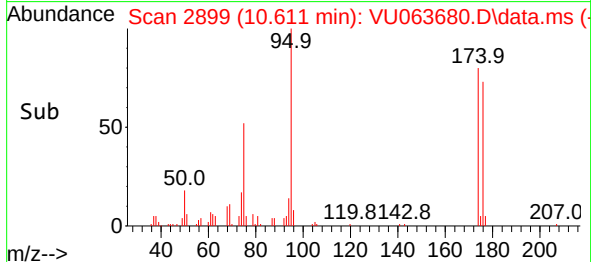
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion: 95 Resp: 24780
Ion Ratio Lower Upper
95 100
174 78.2 59.9 89.9
176 72.4 58.8 88.2

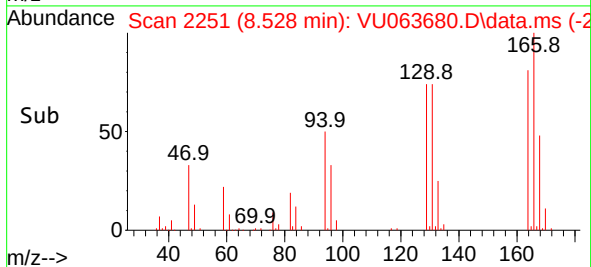
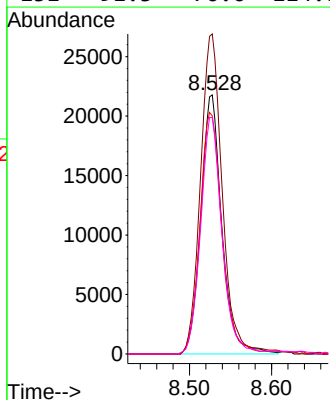
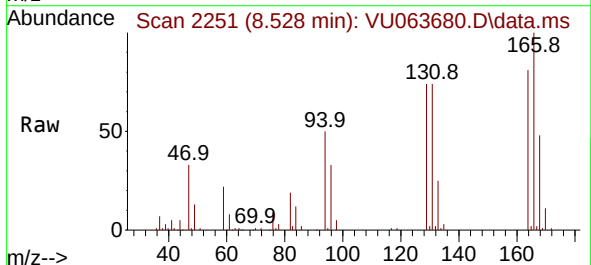
Manual Integrations
APPROVED

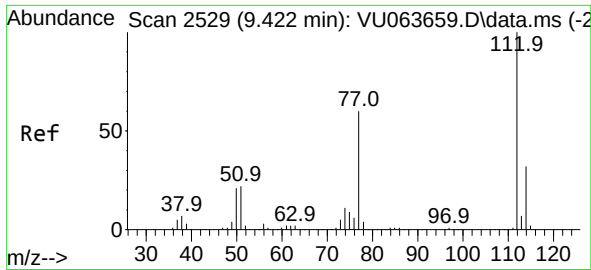
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 2.046 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion:164 Resp: 38804
Ion Ratio Lower Upper
164 100
166 123.5 100.1 150.1
129 91.9 77.6 116.4
131 91.3 76.6 114.8





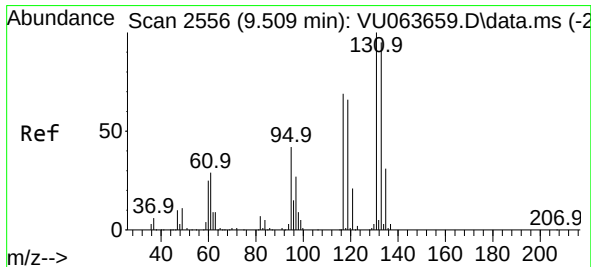
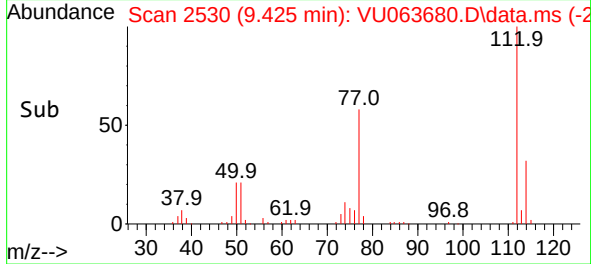
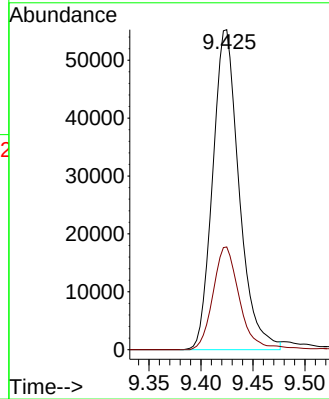
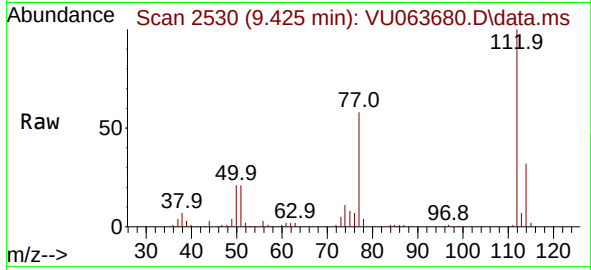
#59
Chlorobenzene
Concen: 1.964 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument : MSVOA_U
ClientSampleId : VU1107WBS01

Tgt Ion:112 Resp: 97729
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

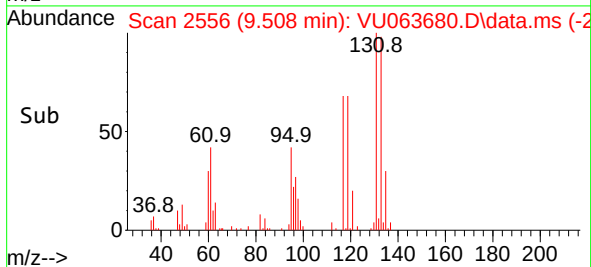
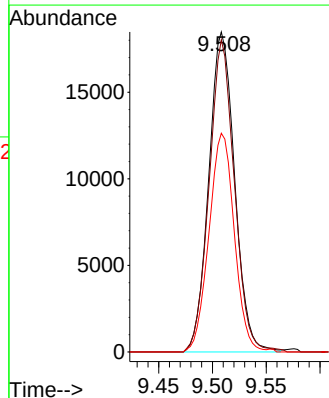
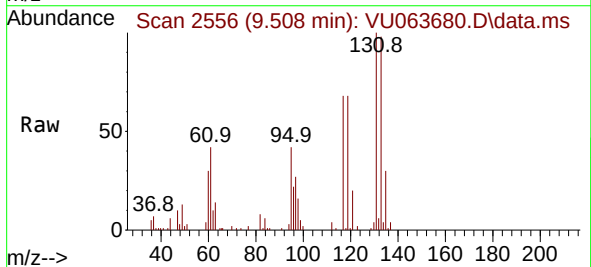
Manual Integrations
APPROVED

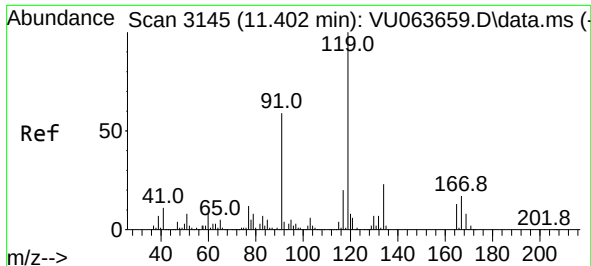
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.774 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion:131 Resp: 30908
Ion Ratio Lower Upper
131 100
133 95.3 77.0 115.6
119 67.2 52.8 79.2





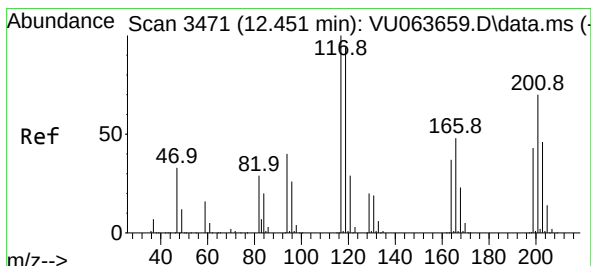
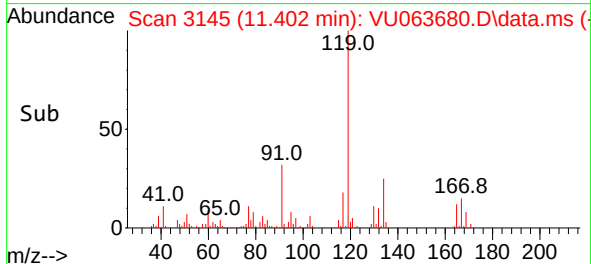
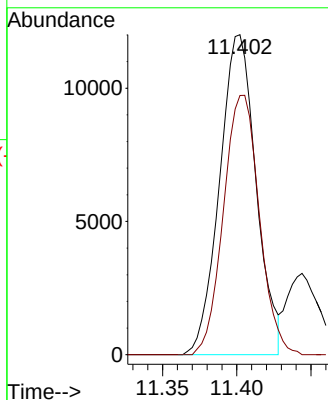
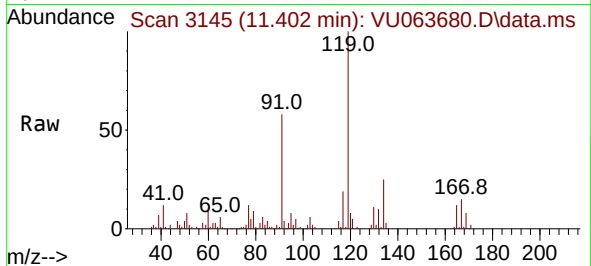
#61
Pentachloroethane
Concen: 1.701 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion:117 Resp: 20552
Ion Ratio Lower Upper
117 100
167 79.5 62.8 94.2

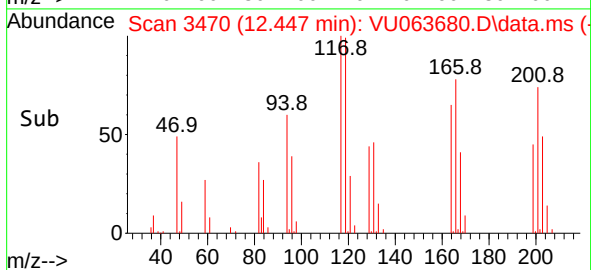
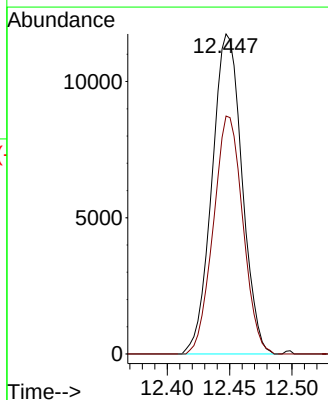
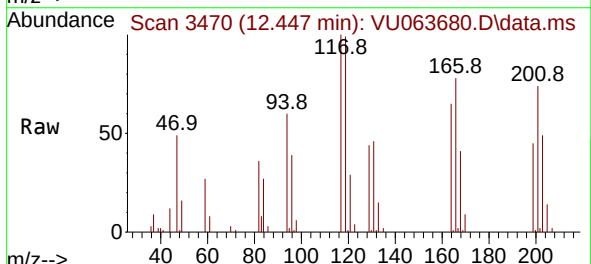
Manual Integrations
APPROVED

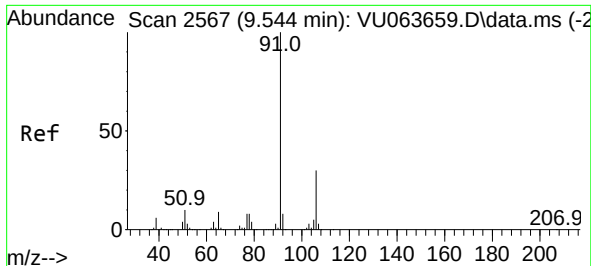
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
Hexachloroethane
Concen: 1.490 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

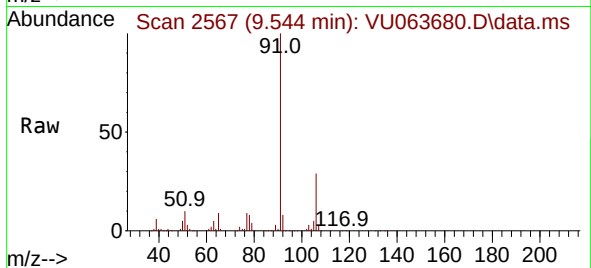
Tgt Ion:117 Resp: 19734
Ion Ratio Lower Upper
117 100
201 72.9 56.3 84.5





#63
Ethyl Benzene
Concen: 1.938 ug/l
RT: 9.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

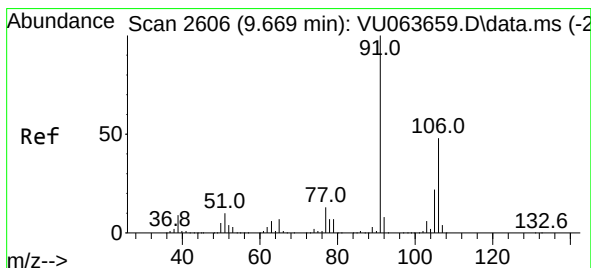
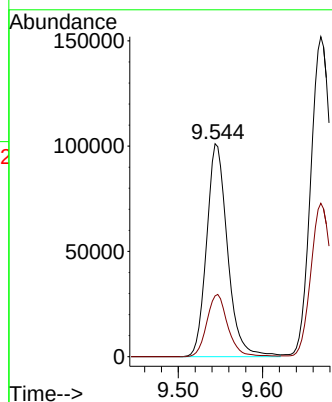
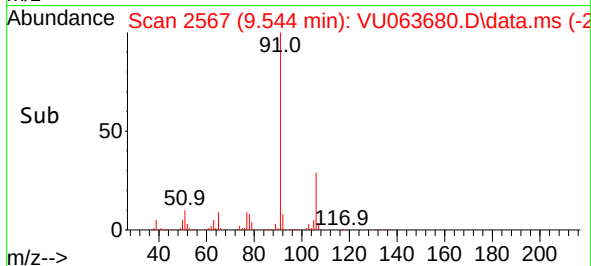
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



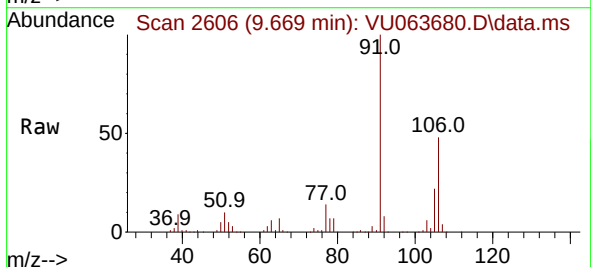
Tgt Ion: 91 Resp: 174679
Ion Ratio Lower Upper
91 100
106 28.6 24.1 36.1

Manual Integrations
APPROVED

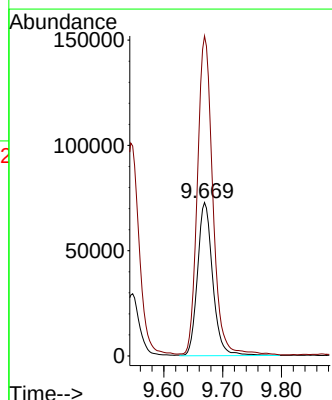
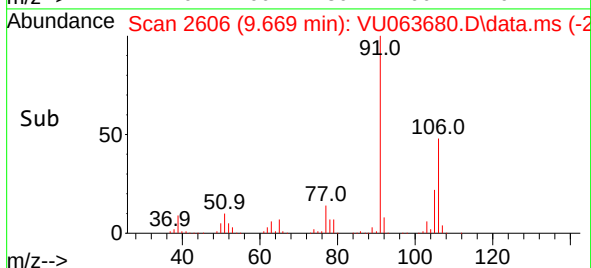
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

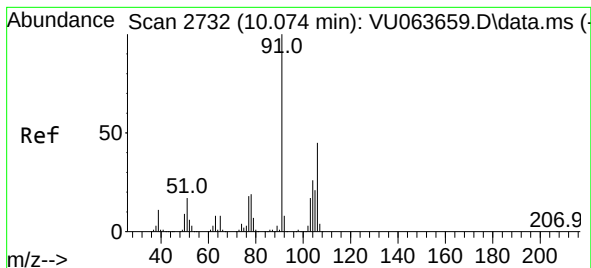


#64
m/p-Xylenes
Concen: 3.881 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



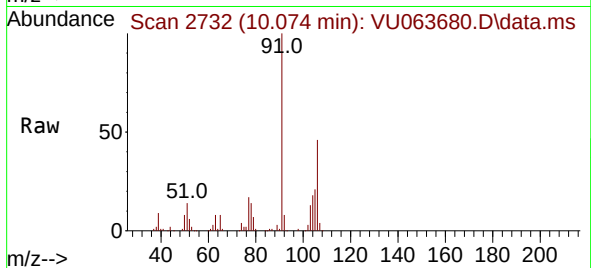
Tgt Ion:106 Resp: 130570
Ion Ratio Lower Upper
106 100
91 208.0 167.0 250.4





#65
o-Xylene
Concen: 1.965 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

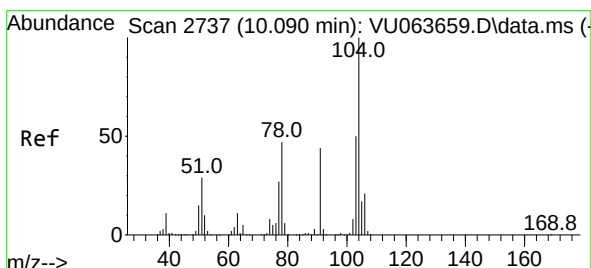
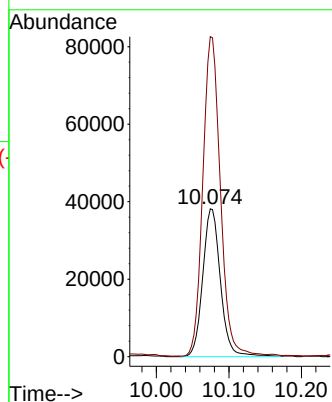
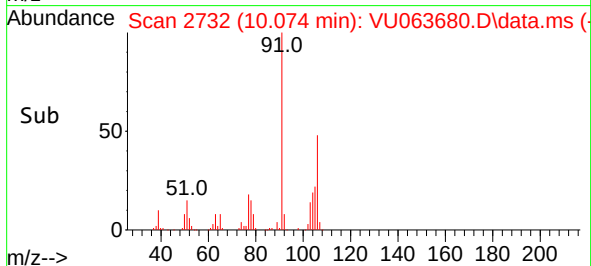
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion:106 Resp: 6476
Ion Ratio Lower Upper
106 100
91 214.1 109.3 327.9

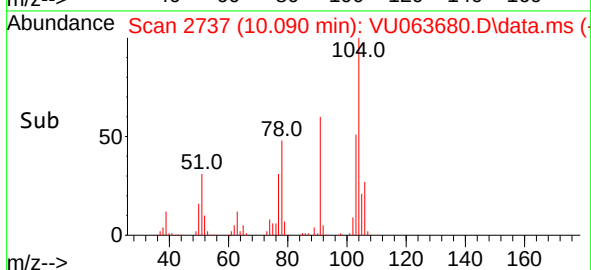
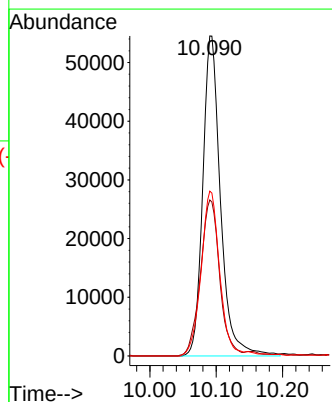
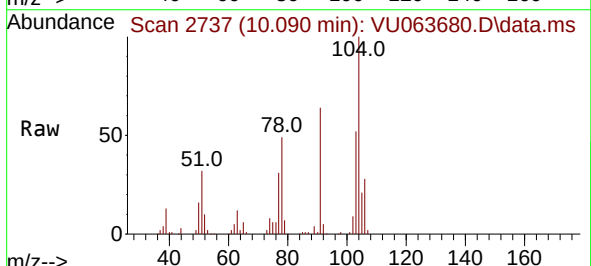
Manual Integrations
APPROVED

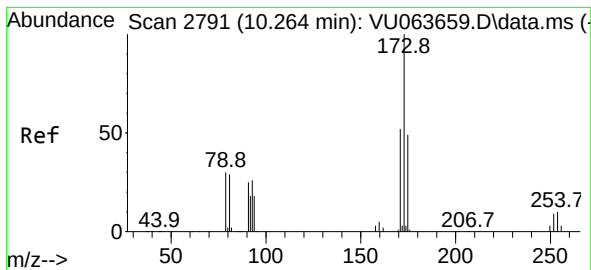
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 1.900 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion:104 Resp: 101628
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 54.2 43.9 65.9





#67

Bromoform

Concen: 1.565 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

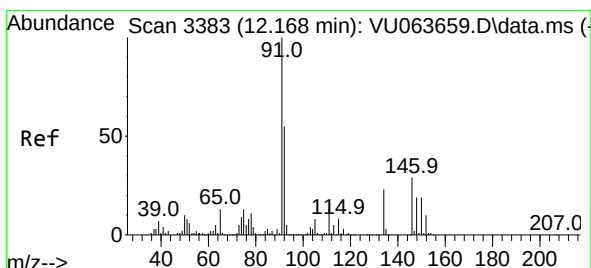
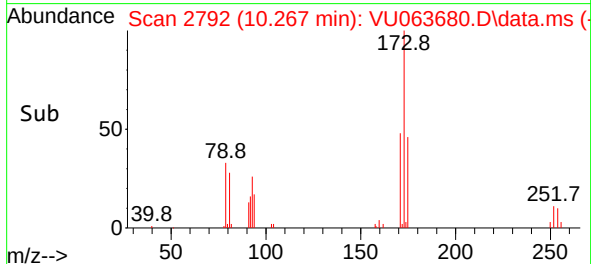
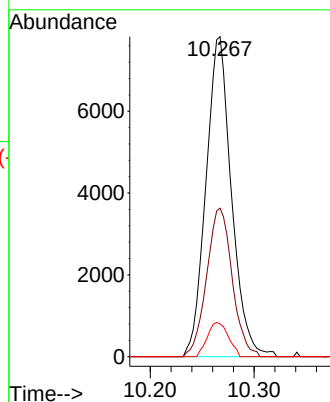
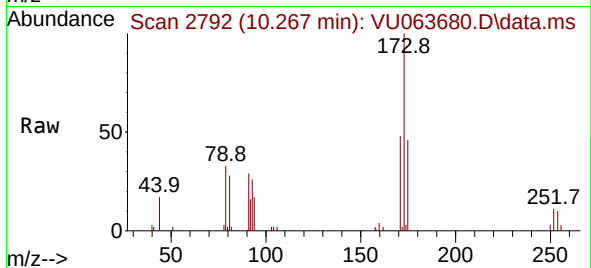
Tgt Ion:	173	Resp:	1332
Ion Ratio	Lower	Upper	
173	100		
175	46.4	39.0	58.4
254	8.8	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.033 ug/l

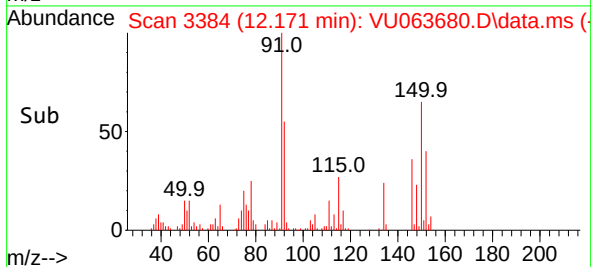
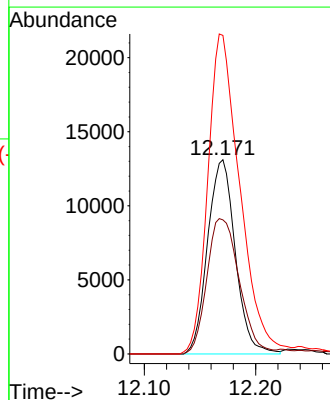
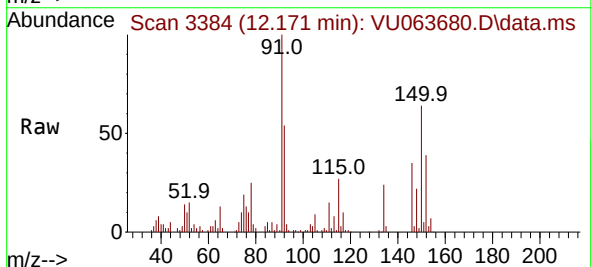
RT: 12.171 min Scan# 3384

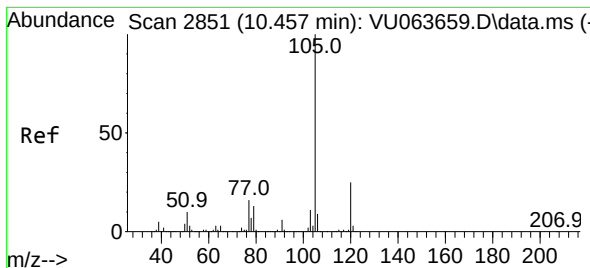
Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Tgt Ion:	152	Resp:	22659
Ion Ratio	Lower	Upper	
152	100		
115	81.3	0.0	247.2
150	190.4	0.0	643.6





#69

Isopropylbenzene

Concen: 1.943 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

Tgt Ion:105 Resp: 158170

Ion Ratio Lower Upper

105 100

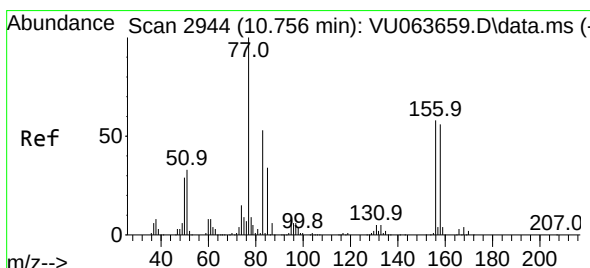
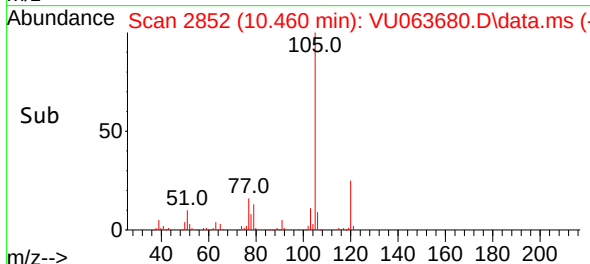
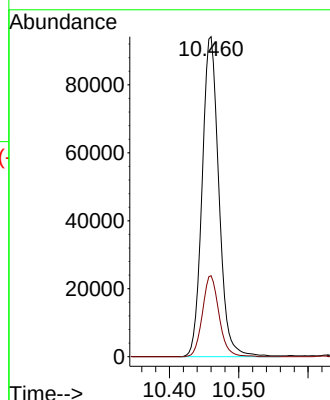
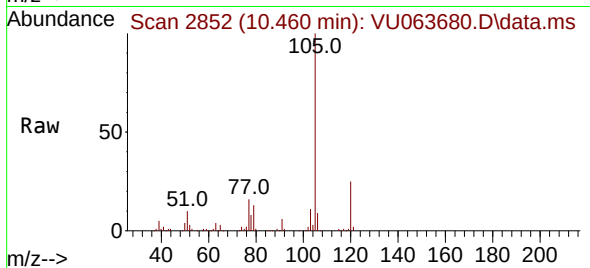
120 25.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 1.872 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

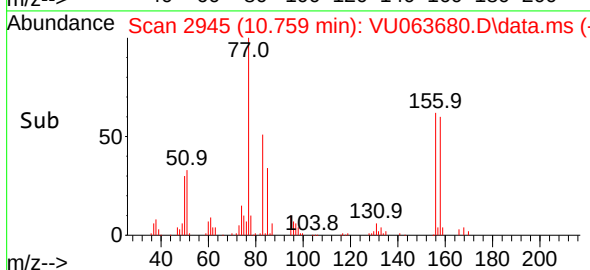
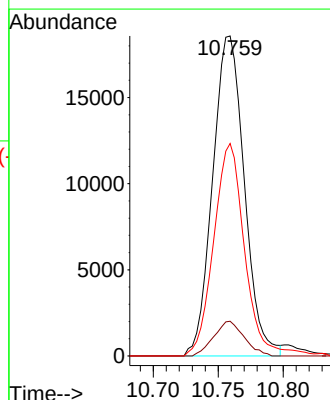
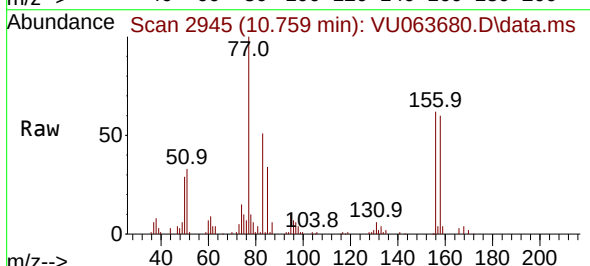
Tgt Ion: 83 Resp: 31486

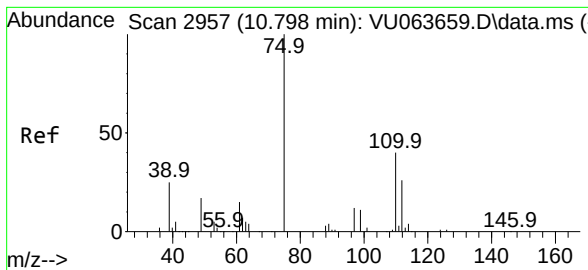
Ion Ratio Lower Upper

83 100

131 10.4 8.1 12.1

85 65.1 51.0 76.6





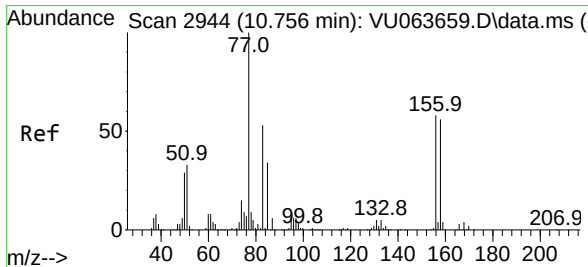
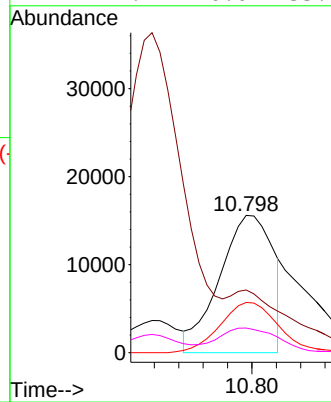
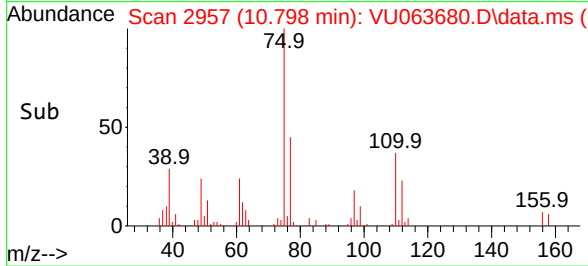
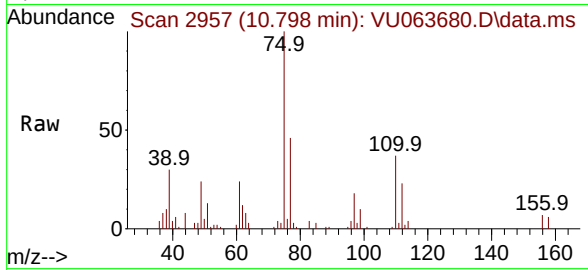
#71
1,2,3-Trichloropropane
Concen: 1.620 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion: 75	Resp: 23700
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 40.3	0.0 66.4
97 21.1	0.0 33.2

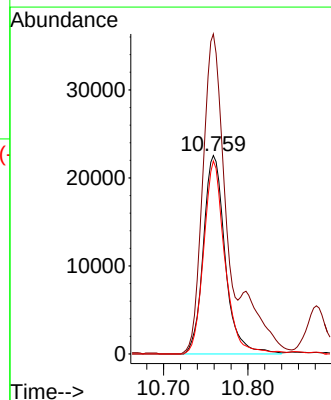
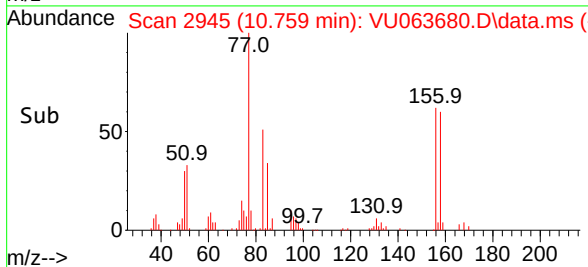
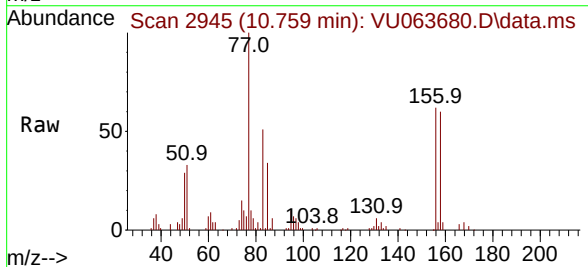
Manual Integrations
APPROVED

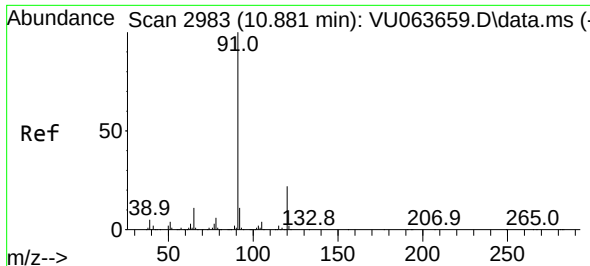
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#72
Bromobenzene
Concen: 2.062 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt	Ion:156	Resp:	40594
Ion	Ratio	Lower	Upper
156	100		
77	157.6	0.0	337.2
158	94.1	0.0	191.8





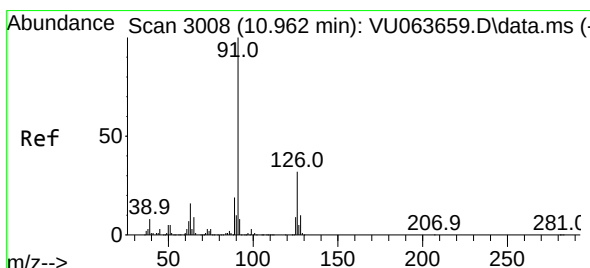
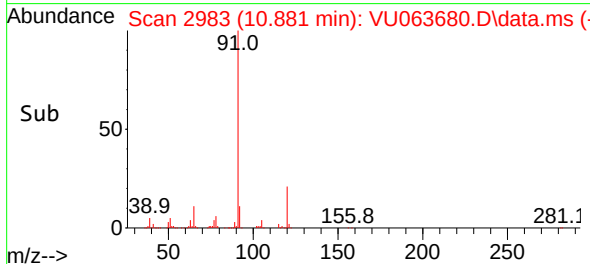
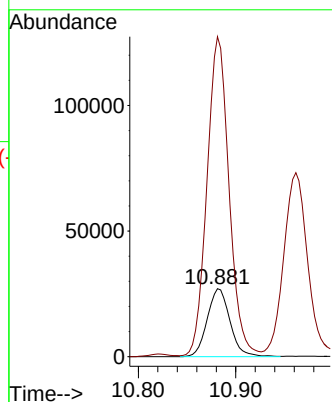
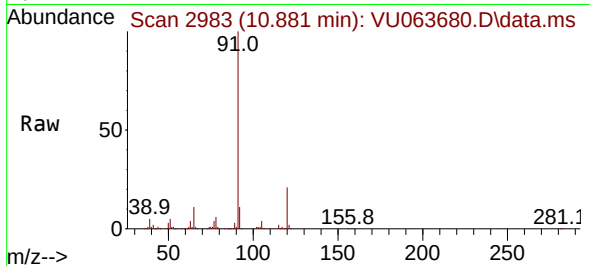
#73
n-propylbenzene
Concen: 1.896 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion:120 Resp: 4385
Ion Ratio Lower Upper
120 100
91 454.3 361.4 542.2

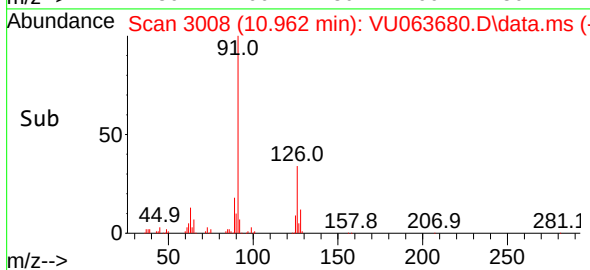
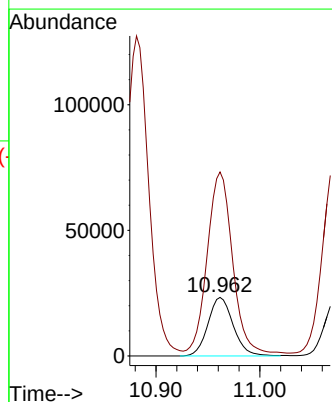
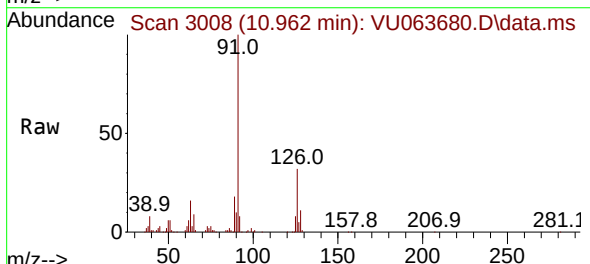
Manual Integrations
APPROVED

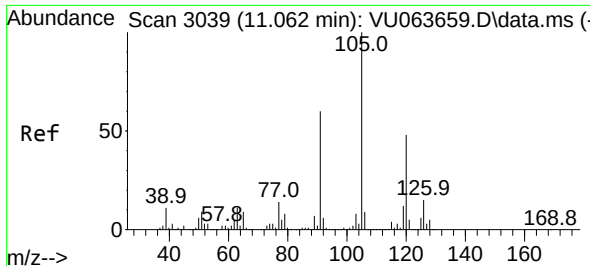
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 1.961 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

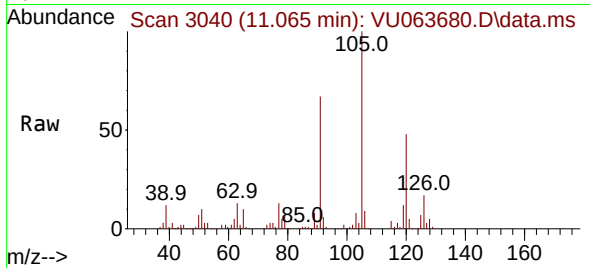
Tgt Ion:126 Resp: 39329
Ion Ratio Lower Upper
126 100
91 315.3 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 1.918 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

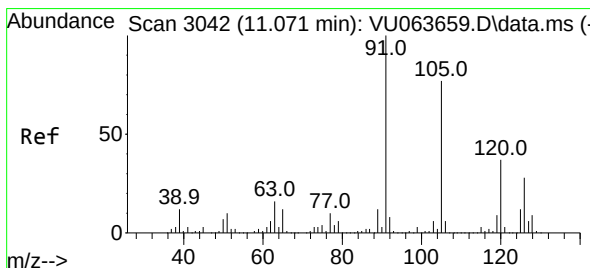
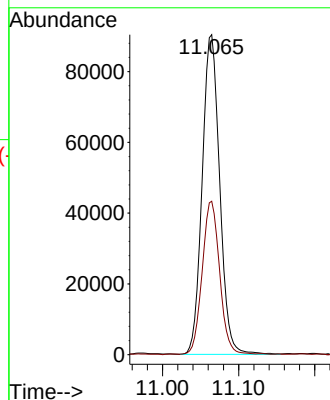
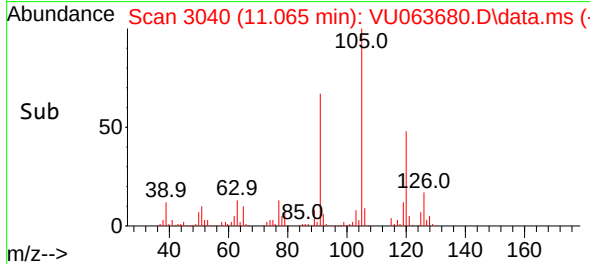
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion:105 Resp: 144428
Ion Ratio Lower Upper
105 100
120 47.5 38.2 57.2

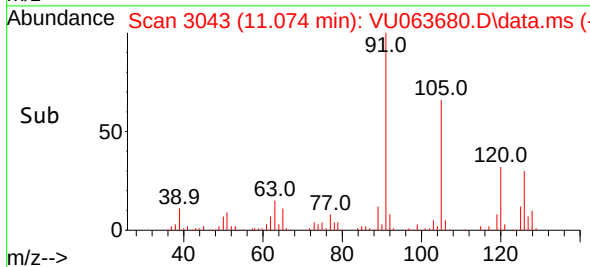
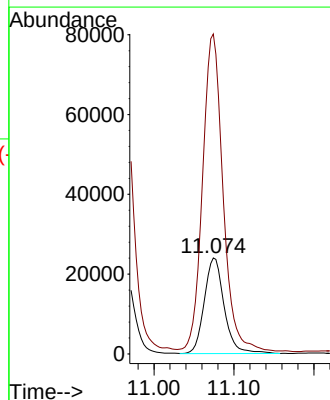
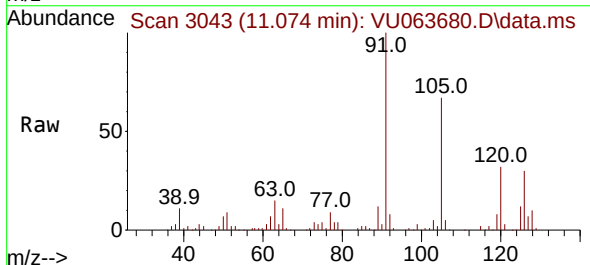
Manual Integrations
APPROVED

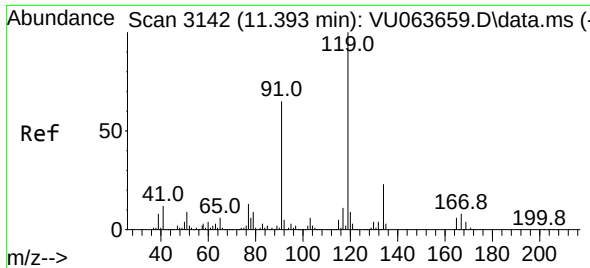
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#76
4-Chlorotoluene
Concen: 2.069 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

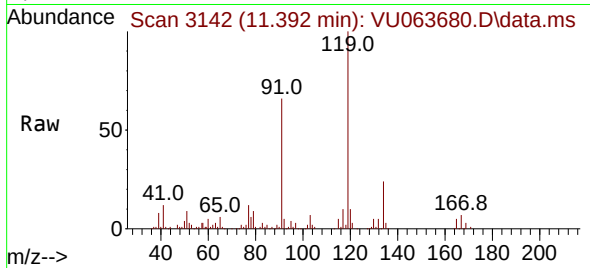
Tgt Ion:126 Resp: 41654
Ion Ratio Lower Upper
126 100
91 339.2 0.0 716.6





#77
tert-Butylbenzene
Concen: 1.909 ug/l
RT: 11.392 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

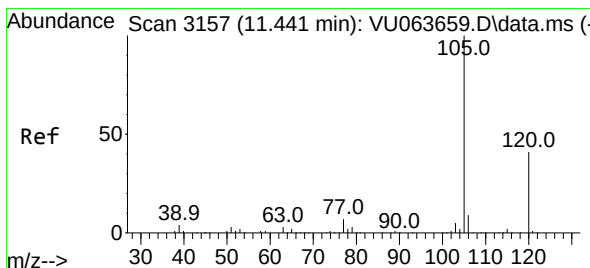
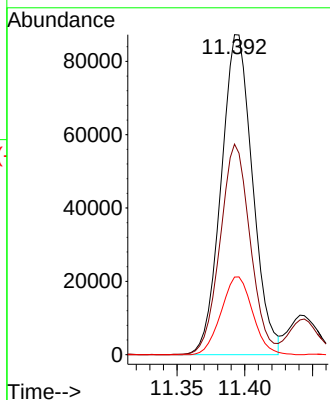
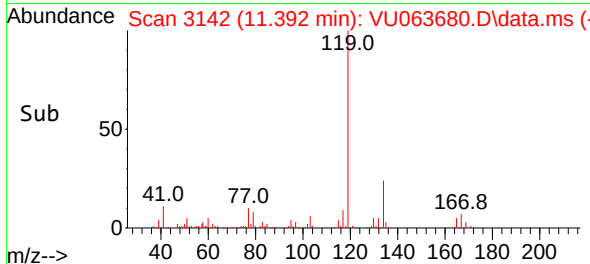
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



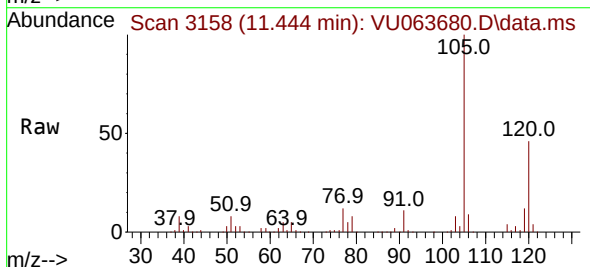
Tgt Ion:119 Resp: 140793
Ion Ratio Lower Upper
119 100
91 63.3 31.3 93.8
134 24.3 18.7 28.1

Manual Integrations
APPROVED

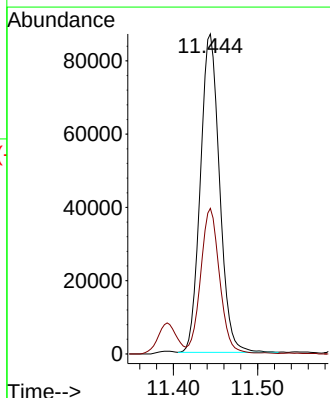
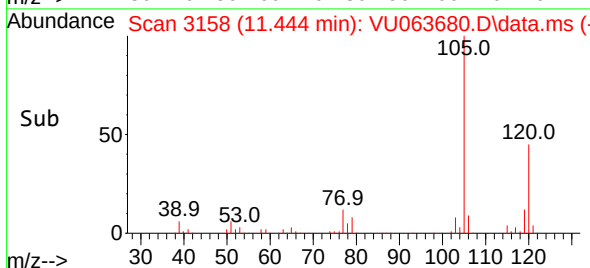
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

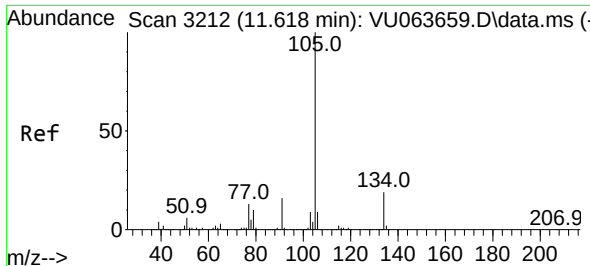


#78
1,2,4-Trimethylbenzene
Concen: 1.908 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



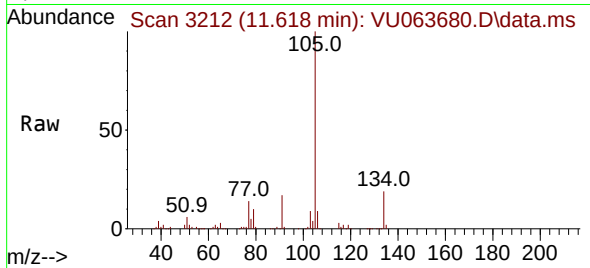
Tgt Ion:105 Resp: 137851
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 1.889 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12

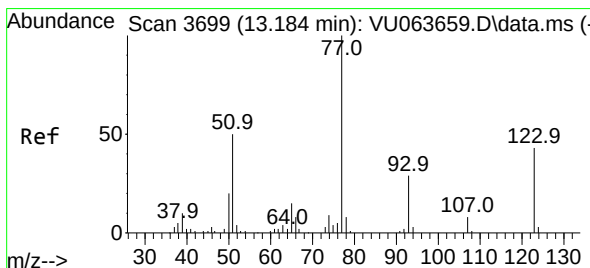
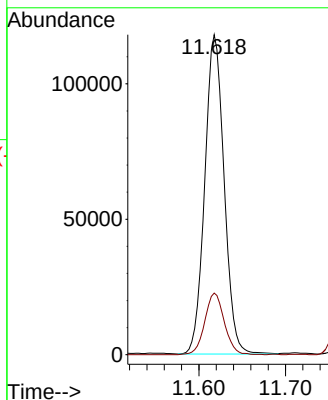
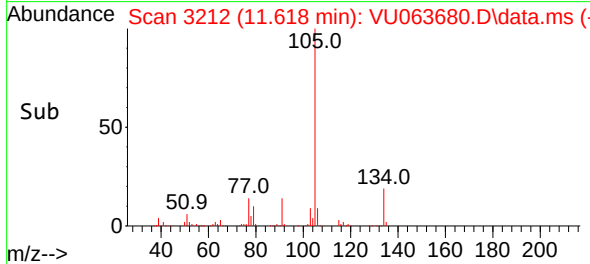
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBS01



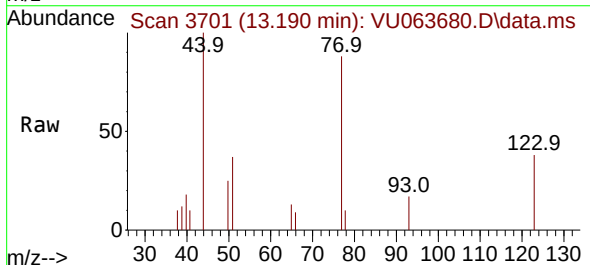
Tgt Ion:105 Resp: 183260
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5

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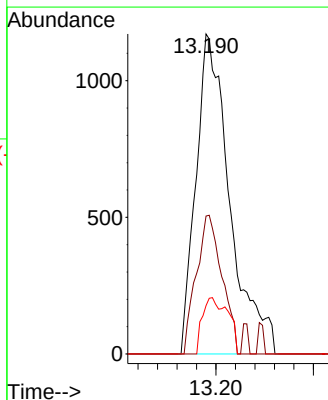
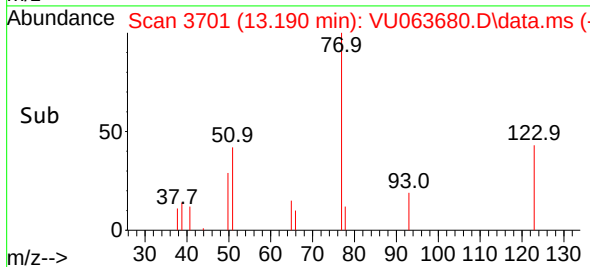
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

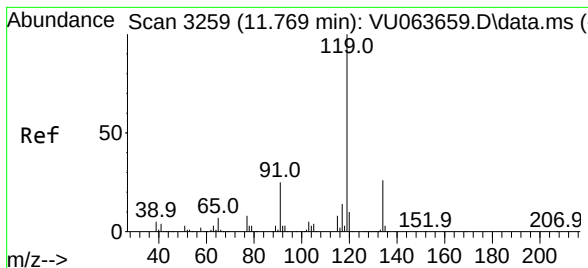


#80
 Nitrobenzene
 Concen: 4.775 ug/l
 RT: 13.190 min Scan# 3701
 Delta R.T. 0.006 min
 Lab File: VU063680.D
 Acq: 07 Nov 2025 11:12



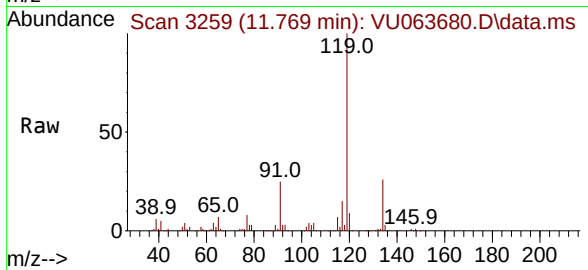
Tgt Ion: 77 Resp: 2824
 Ion Ratio Lower Upper
 77 100
 123 33.0 18.2 64.4
 65 13.3 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 1.871 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

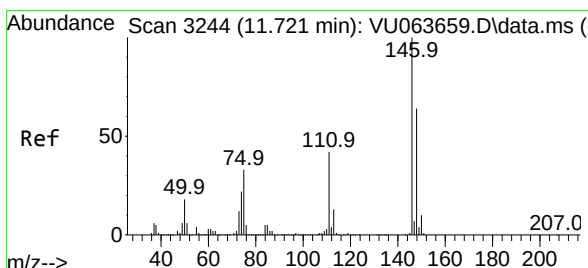
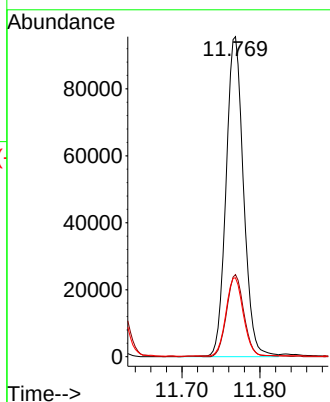
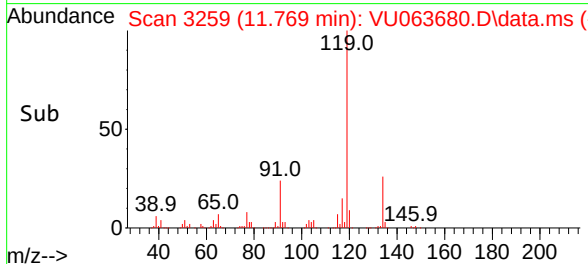
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



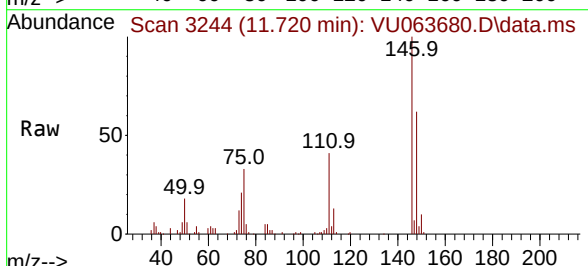
Tgt Ion:119 Resp: 148610
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 24.3 20.1 30.1

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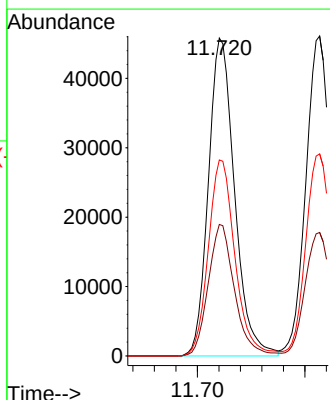
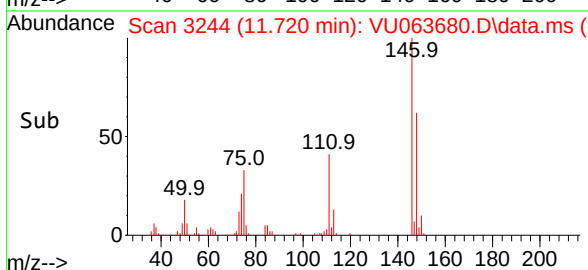
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

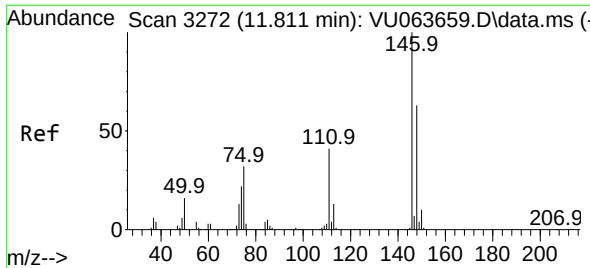


#82
1,3-Dichlorobenzene
Concen: 2.034 ug/l
RT: 11.720 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



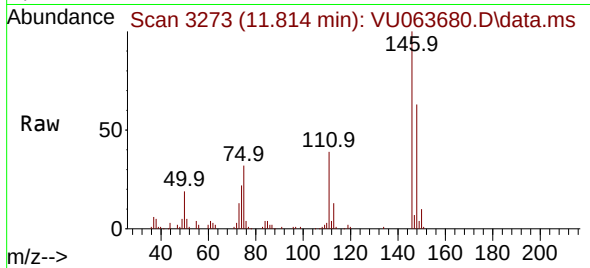
Tgt Ion:146 Resp: 77567
Ion Ratio Lower Upper
146 100
111 41.5 33.8 50.8
148 62.9 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 2.118 ug/l
RT: 11.814 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

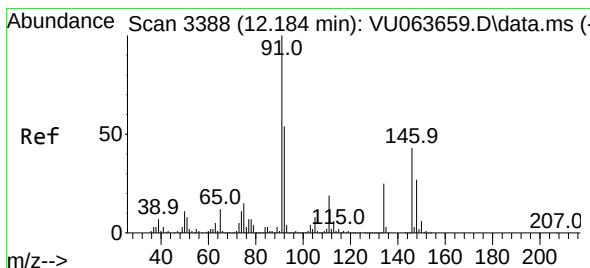
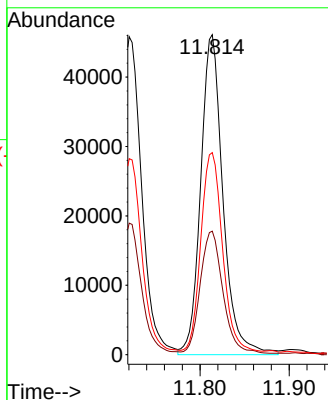
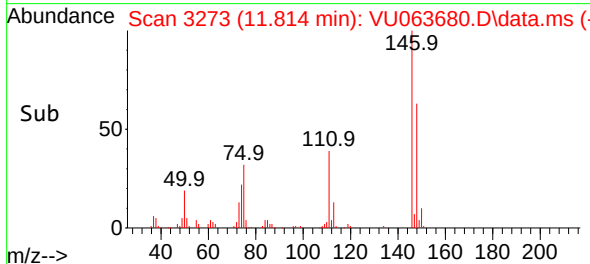
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



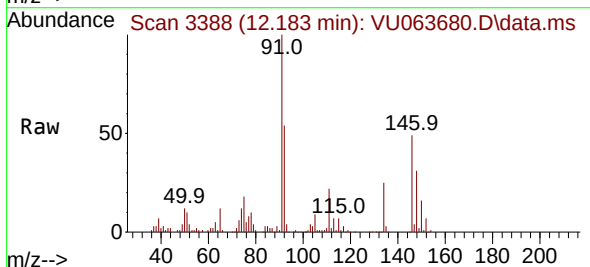
Tgt Ion:146 Resp: 80264
Ion Ratio Lower Upper
146 100
111 38.8 33.0 49.4
148 60.5 50.6 76.0

Manual Integrations
APPROVED

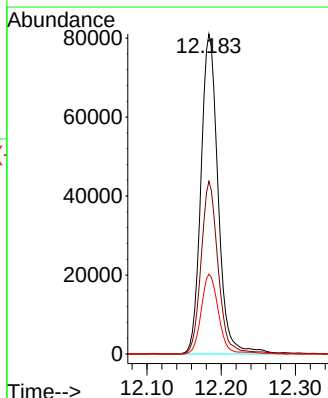
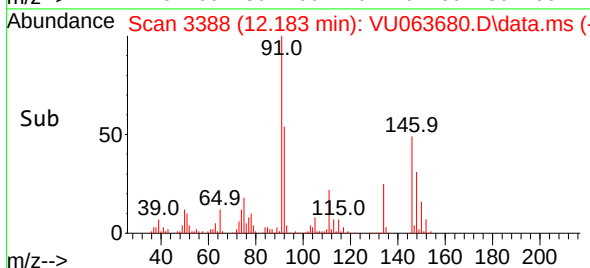
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

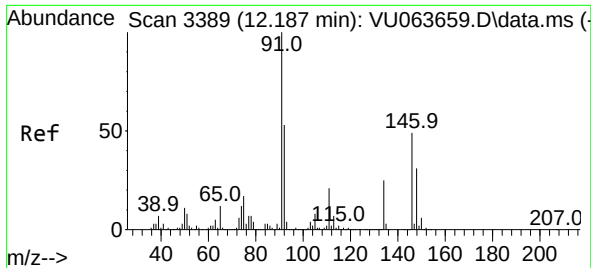


#84
n-Butylbenzene
Concen: 1.825 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12



Tgt Ion: 91 Resp: 129985
Ion Ratio Lower Upper
91 100
92 53.9 43.1 64.7
134 25.2 19.7 29.5





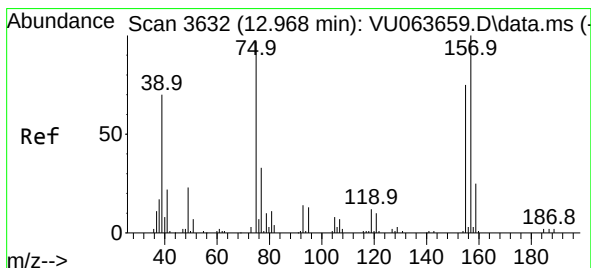
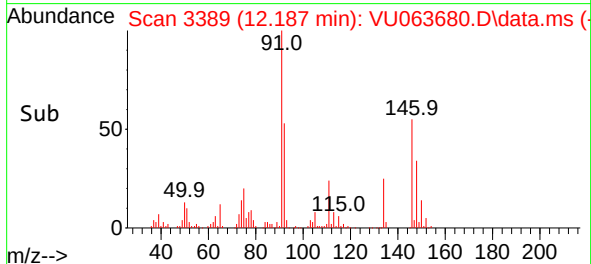
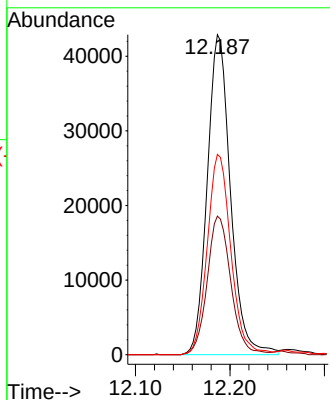
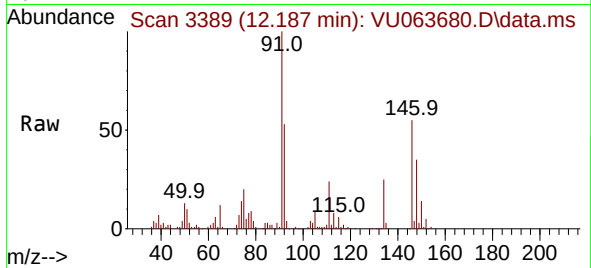
#85
1,2-Dichlorobenzene
Concen: 2.032 ug/l
RT: 12.187 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01

Tgt Ion:146 Resp: 73292
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.7 31.9 95.5

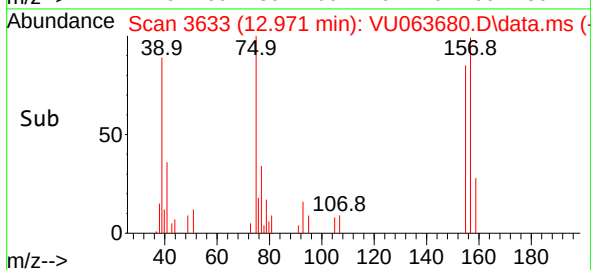
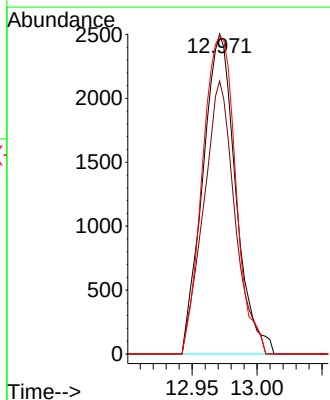
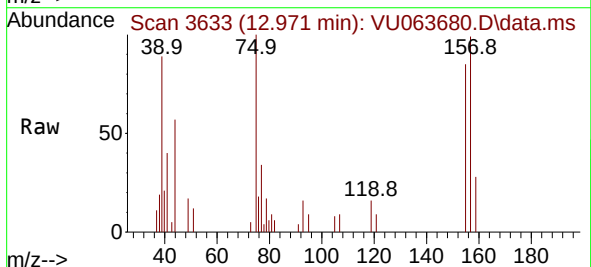
Manual Integrations
APPROVED

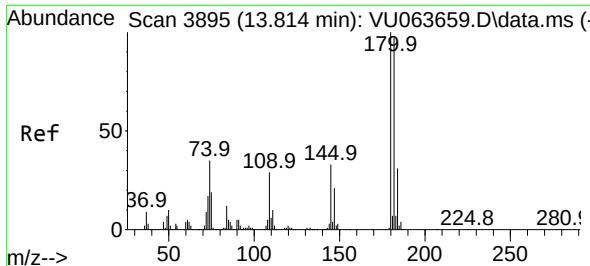
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.577 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

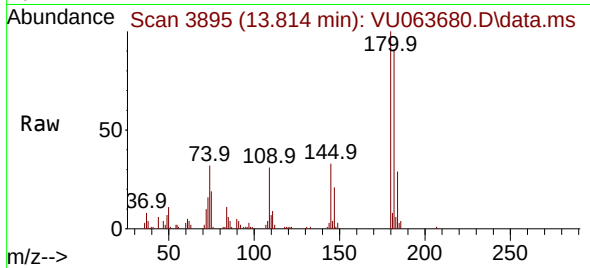
Tgt Ion: 75 Resp: 4394
Ion Ratio Lower Upper
75 100
155 81.3 62.2 93.4
157 100.6 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 1.912 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

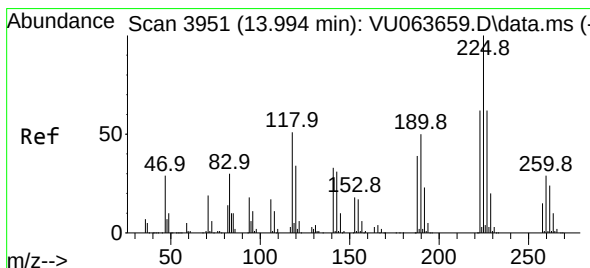
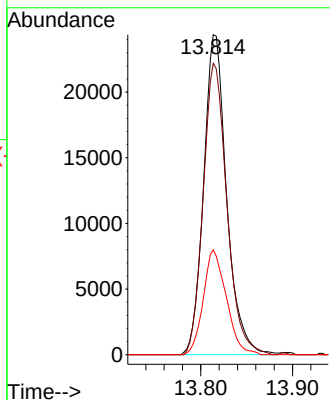
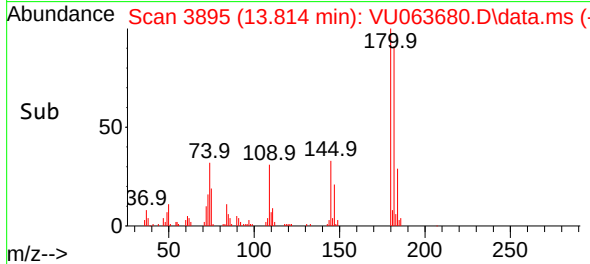
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBS01



Tgt Ion:180 Resp: 42495
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 32.8 26.2 39.2

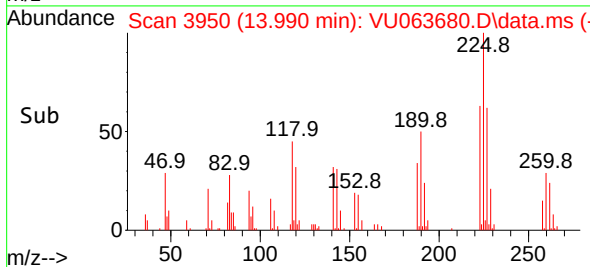
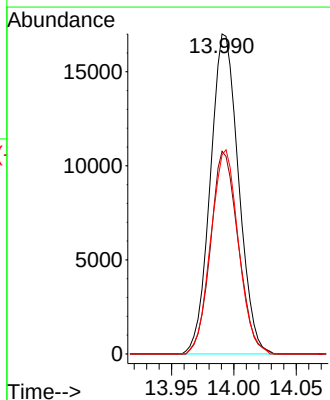
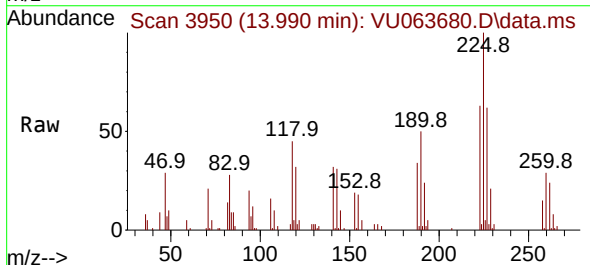
Manual Integrations
APPROVED

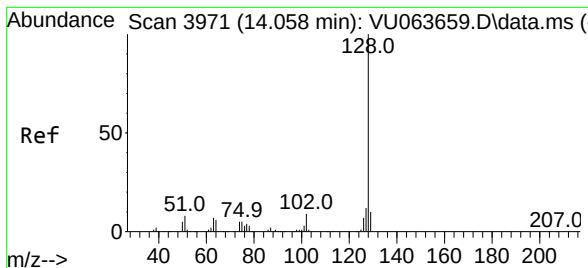
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#88
Hexachlorobutadiene
Concen: 2.025 ug/l
RT: 13.990 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VU063680.D
Acq: 07 Nov 2025 11:12

Tgt Ion:225 Resp: 26785
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 62.7 50.0 75.0





#89

Naphthalene

Concen: 1.695 ug/l

RT: 14.064 min Scan# 3971

Delta R.T. 0.006 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBS01

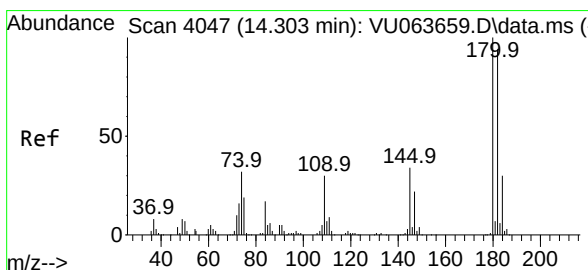
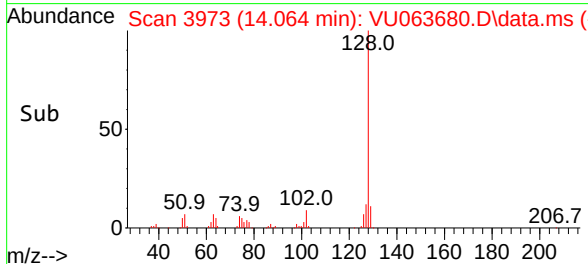
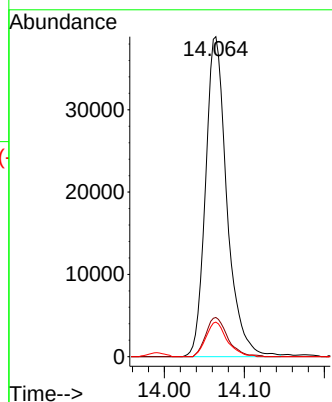
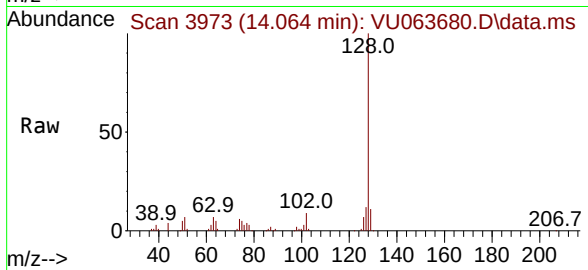
Tgt Ion:128	Resp:	7246
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.2 15.2
129	10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#90

1,2,3-Trichlorobenzene

Concen: 1.827 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063680.D

Acq: 07 Nov 2025 11:12

Tgt Ion:180	Resp:	37107
Ion Ratio	Lower	Upper
180	100	
182	99.6	75.4 113.0
145	37.2	27.4 41.2

