

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063687.D
 Acq On : 07 Nov 2025 15:45
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 02:36:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.084	96	54470	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23524	0.955	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	22890	1.036	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	198353	9.675	ug/l	97
3) Chloromethane	1.509	50	182285	9.454	ug/l	99
4) Vinyl Chloride	1.589	62	197927	10.095	ug/l	98
5) Bromomethane	1.834	94	110259	9.304	ug/l	98
6) Chloroethane	1.914	64	125068	10.391	ug/l	100
7) Trichlorofluoromethane	2.117	101	300612	10.541	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	162372	10.706	ug/l	100
9) 1,1-Dichloroethene	2.557	96	153816	10.473	ug/l	98
10) Iodomethane	2.695	142	237383	10.883	ug/l	98
11) Allyl Chloride	2.895	41	227401	9.916	ug/l	99
12) Acrylonitrile	3.287	53	76865	21.158	ug/l	99
13) Acetone	2.602	43	331416	51.650	ug/l	97
14) Carbon Disulfide	2.766	76	363996	8.797	ug/l	99
15) Methylene Chloride	3.017	84	177994	9.429	ug/l	96
16) trans-1,2-Dichloroethene	3.319	96	172559	10.655	ug/l	95
17) 1,1-Dichloroethane	3.830	63	335794	10.468	ug/l	99
18) 2-Butanone	4.686	43	340768	50.065	ug/l	99
19) Cyclohexane	5.348	56	255389	10.418	ug/l	99
20) Methylcyclohexane	6.727	83	299957	9.830	ug/l	98
21) 2,2-Dichloropropane	4.628	77	283293	9.842	ug/l	98
22) cis-1,2-Dichloroethene	4.631	96	195090	10.580	ug/l	99
23) Diethyl Ether	2.358	59	124183	10.319	ug/l	99
24) tert-Butyl Alcohol	3.165	59	175962	84.832	ug/l	100
25) Methyl tert-Butyl Ether	3.342	73	440909	10.245	ug/l	99
26) Bromochloromethane	4.940	128	80891	10.400	ug/l	99
27) Chloroform	5.055	83	347549	10.588	ug/l	99
28) 1,1,1-Trichloroethane	5.280	97	301943	10.431	ug/l	100
29) 1,1-Dichloropropene	5.489	75	262916	10.819	ug/l	98
30) Carbon Tetrachloride	5.486	117	238123	10.393	ug/l	100
31) Isopropyl Ether	3.969	45	511520	10.065	ug/l	100
32) Ethyl-t-butyl ether	4.480	59	479241	9.788	ug/l	98
33) Tert-Amyl methyl ether	5.920	73	429321	10.070	ug/l	99
34) Propionitrile	4.750	54	67050	50.411	ug/l	# 95
35) Benzene	5.737	78	722851	10.554	ug/l	98
36) 1,2-Dichloroethane	5.763	62	233923	10.636	ug/l	99
37) Trichloroethene	6.509	130	196301	10.056	ug/l	96
38) 1,2-Dichloropropane	6.763	63	193257	10.082	ug/l	100
39) Methacrylonitrile	4.949	41	61325	9.262	ug/l	98
40) Methyl acrylate	4.824	55	97530	10.144	ug/l	98
41) Tetrahydrofuran	5.036	42	62240	20.893	ug/l	98
42) 1-Chlorobutane	5.422	56	357728	10.985	ug/l	100
43) Dibromomethane	6.888	93	98022	9.885	ug/l	97
44) Bromodichloromethane	7.078	83	232517	9.589	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	581736	48.651	ug/l	99
46) t-1,4-Dichloro-2-butene	10.801	75	97501m	23.507	ug/l	
47) Methyl methacrylate	6.943	69	183186	20.078	ug/l	98
48) Ethyl methacrylate	8.316	69	183946	9.913	ug/l	97
49) Toluene	7.943	92	464636	10.059	ug/l	100
50) t-1,3-Dichloropropene	8.187	75	181725	8.623	ug/l	99
51) cis-1,3-Dichloropropene	7.583	75	246857	9.366	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	138767	10.294	ug/l	99
53) 1,3-Dichloropropane	8.550	76	239890	9.962	ug/l	100
54) 2-Hexanone	8.669	43	497940	49.325	ug/l	100
55) Dibromochloromethane	8.785	129	147634	9.301	ug/l	99
56) 1,2-Dibromoethane	8.898	107	128150	9.990	ug/l	98
58) Tetrachloroethene	8.525	164	205935	10.785	ug/l	98
59) Chlorobenzene	9.422	112	512775	10.236	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.509	131	168160	9.588	ug/l	99
61) Pentachloroethane	11.402	117	109597	9.009	ug/l	99
62) Hexachloroethane	12.447	117	118555	8.890	ug/l	98
63) Ethyl Benzene	9.544	91	919869	10.138	ug/l	99
64) m/p-Xylenes	9.669	106	699159	20.641	ug/l	100
65) o-Xylene	10.074	106	338883	10.210	ug/l	99
66) Styrene	10.091	104	555519	10.317	ug/l	100
67) Bromoform	10.264	173	75210	8.776	ug/l	98
69) Isopropylbenzene	10.460	105	836263	10.202	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	170297	10.058	ug/l	99
71) 1,2,3-Trichloropropane	10.798	75	126905m	8.614	ug/l	
72) Bromobenzene	10.756	156	209281	10.557	ug/l	97
73) n-propylbenzene	10.882	120	243135	10.438	ug/l	99
74) 2-Chlorotoluene	10.962	126	209053	10.355	ug/l	98
75) 1,3,5-Trimethylbenzene	11.062	105	779430	10.283	ug/l	100
76) 4-Chlorotoluene	11.074	126	211989	10.459	ug/l	98
77) tert-Butylbenzene	11.393	119	741699	9.988	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	767211	10.546	ug/l	99
79) sec-Butylbenzene	11.618	105	1005687	10.295	ug/l	100
80) Nitrobenzene	13.184	77	13880	23.309	ug/l #	97
81) p-Isopropyltoluene	11.769	119	829227	10.367	ug/l	99
82) 1,3-Dichlorobenzene	11.721	146	404214	10.528	ug/l	100
83) 1,4-Dichlorobenzene	11.811	146	403585	10.579	ug/l	99
84) n-Butylbenzene	12.184	91	751256	10.479	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	382151	10.524	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	25177	8.974	ug/l	99
87) 1,2,4-Trichlorobenzene	13.814	180	238907	10.679	ug/l	99
88) Hexachlorobutadiene	13.994	225	145920	10.956	ug/l	99
89) Naphthalene	14.058	128	398932	9.269	ug/l	100
90) 1,2,3-Trichlorobenzene	14.303	180	220599	10.786	ug/l	98

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

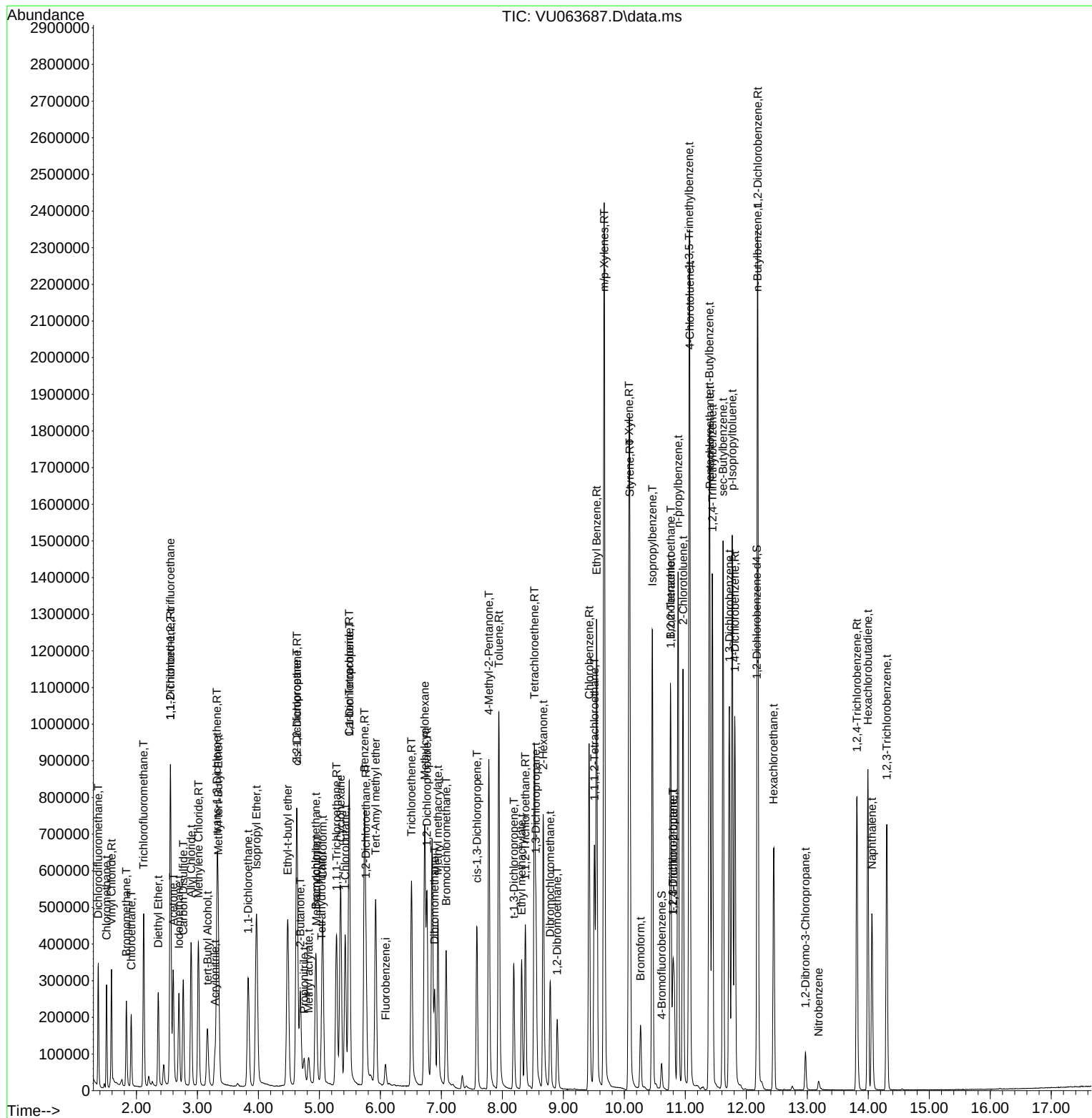
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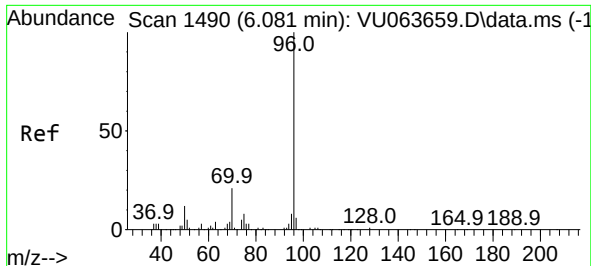
Instrument :
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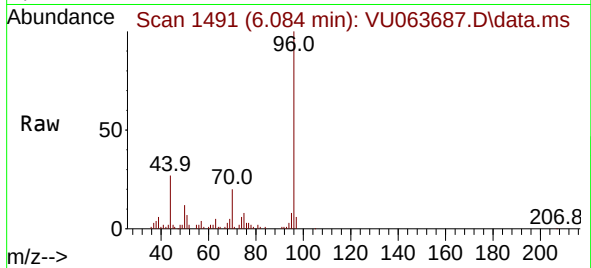
Quant Time: Nov 08 02:36:25 2025
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

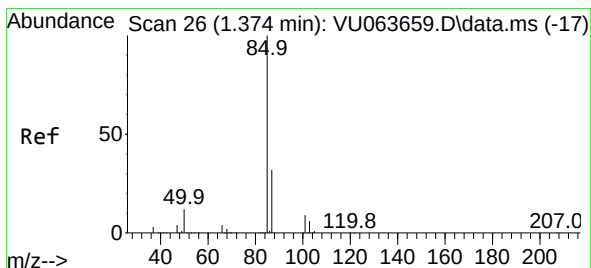
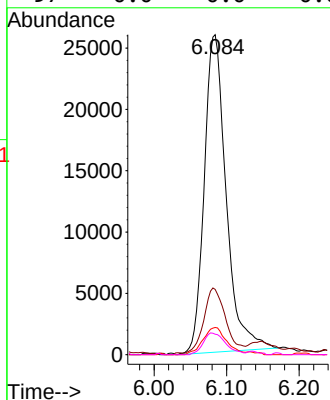
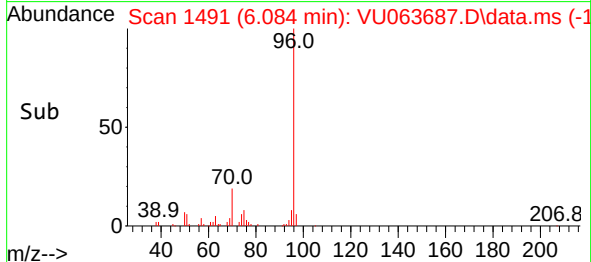
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 54470
Ion Ratio Lower Upper
96 100
70 17.7 15.3 22.9
95 8.2 6.5 9.7
97 0.0 0.0 0.0

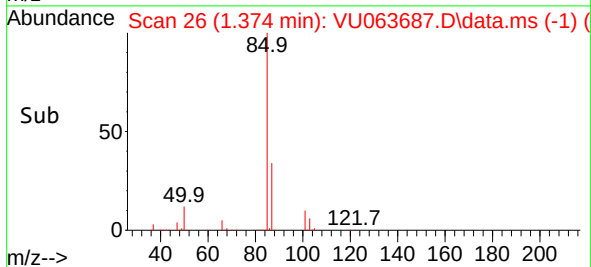
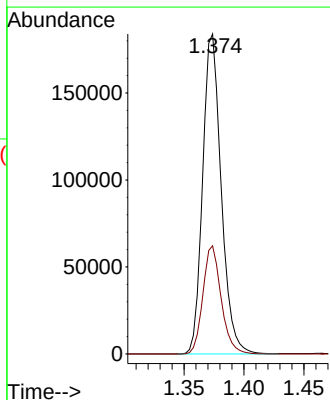
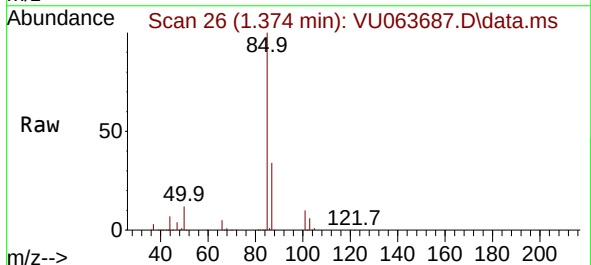
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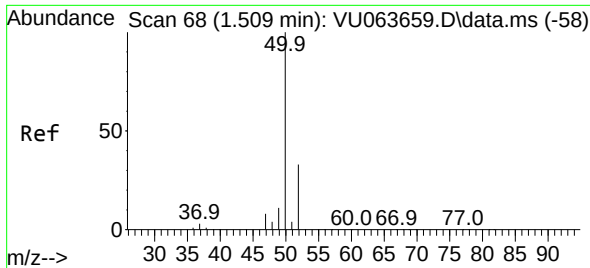
Reviewed By :John Carlone 11/12/2025
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#2
Dichlorodifluoromethane
Concen: 9.675 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

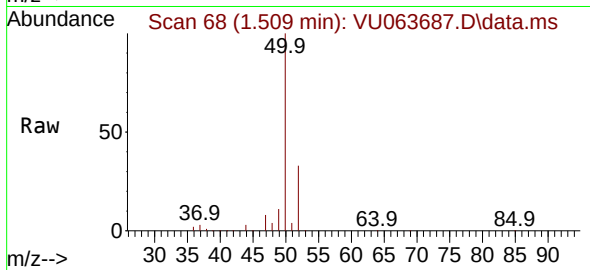
Tgt Ion: 85 Resp: 198353
Ion Ratio Lower Upper
85 100
87 33.8 16.0 47.9





#3
Chloromethane
Concen: 9.454 ug/l
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

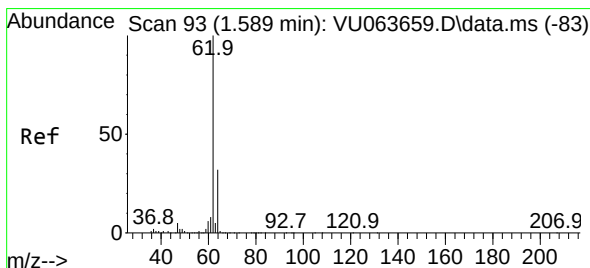
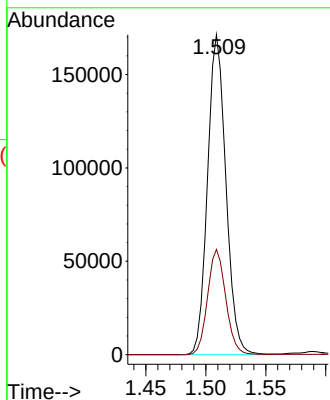
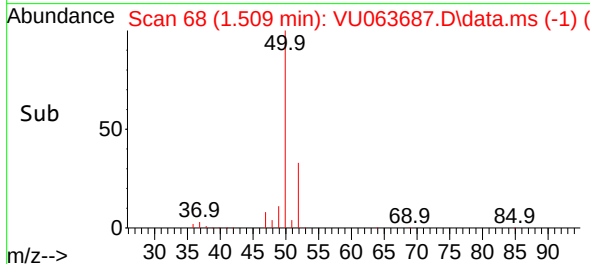
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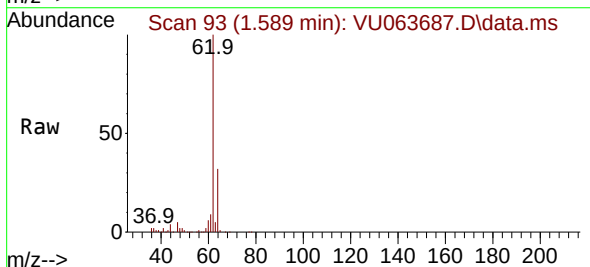
Tgt Ion: 50 Resp: 182285
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

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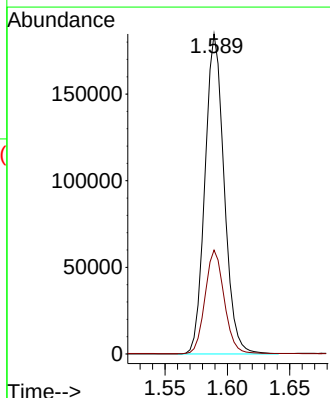
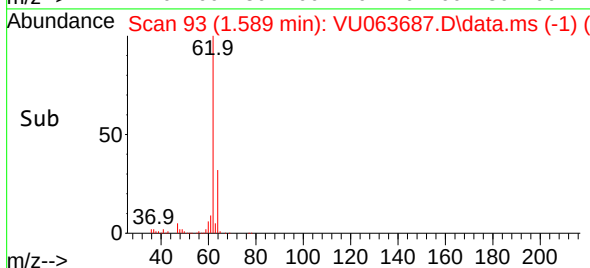
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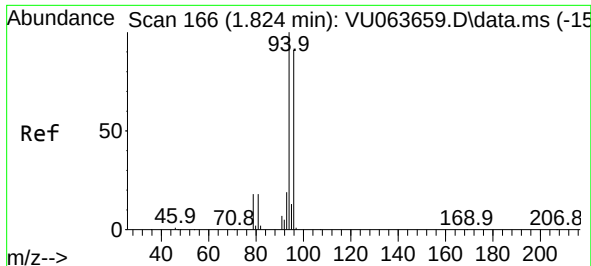


#4
Vinyl Chloride
Concen: 10.095 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



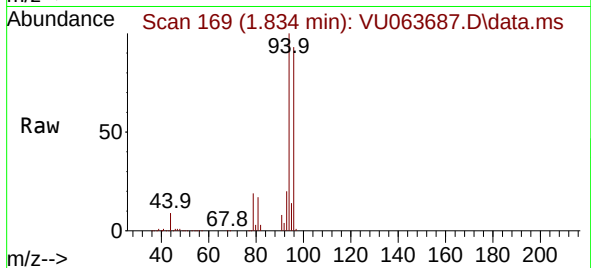
Tgt Ion: 62 Resp: 197927
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 9.304 ug/l
RT: 1.834 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

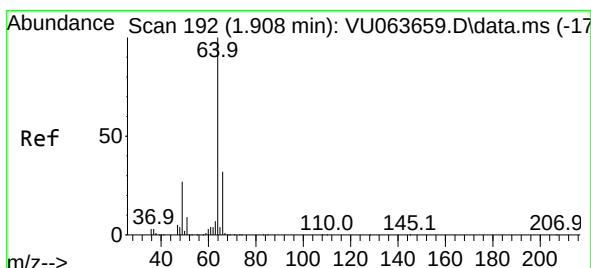
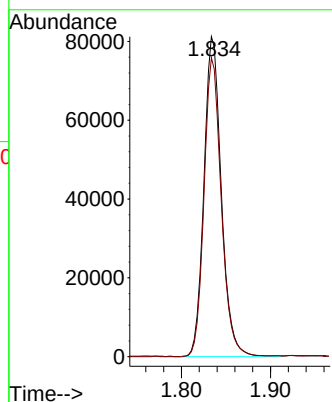
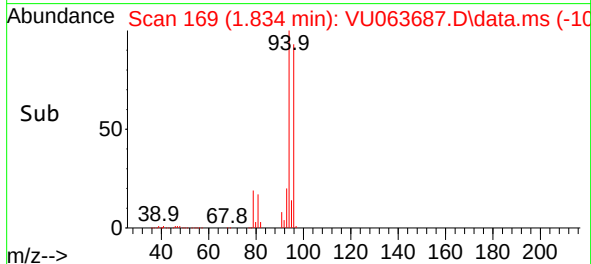
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 110259
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6

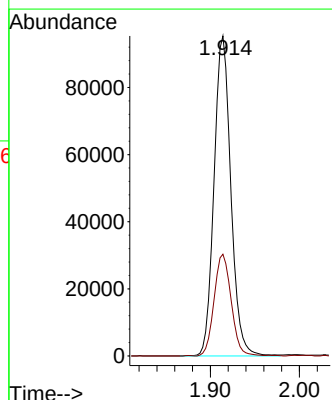
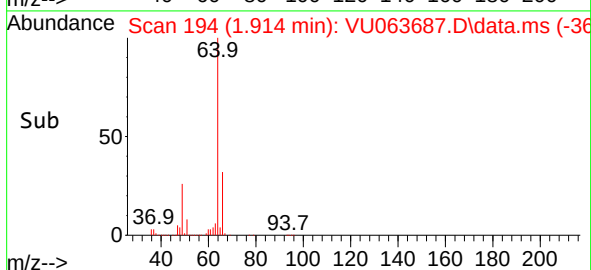
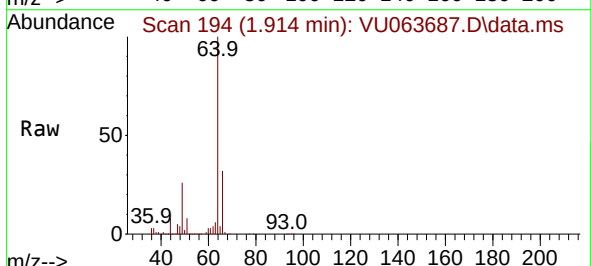
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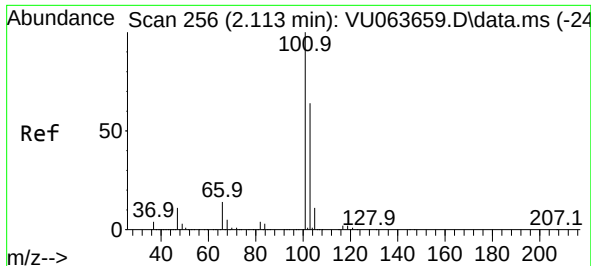
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 10.391 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

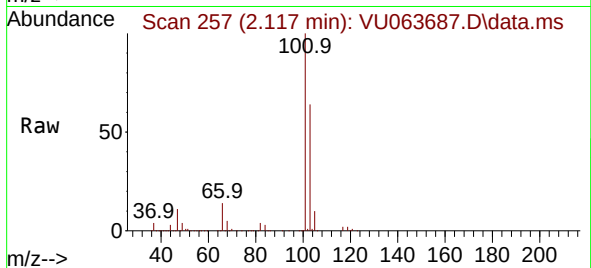
Tgt Ion: 64 Resp: 125068
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 10.541 ug/l
 RT: 2.117 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

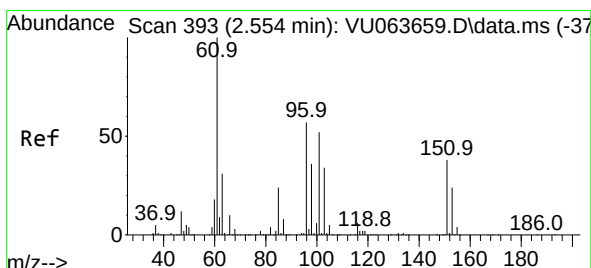
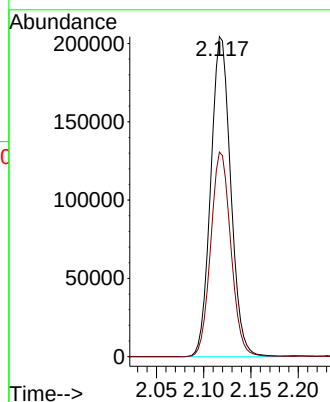
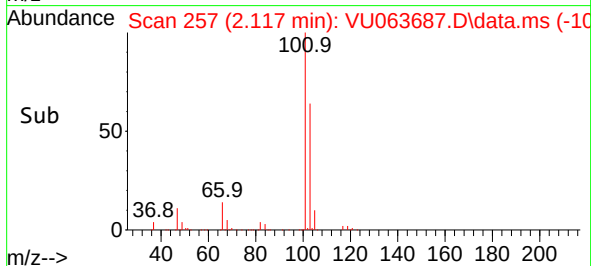
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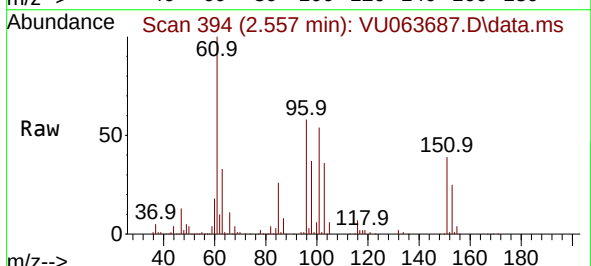
Tgt Ion:101 Resp: 300612
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.6

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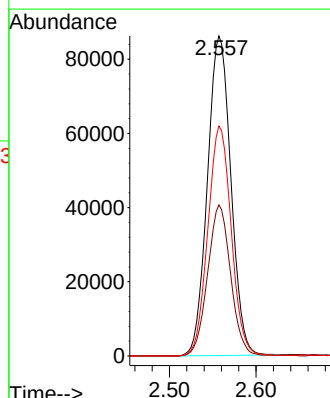
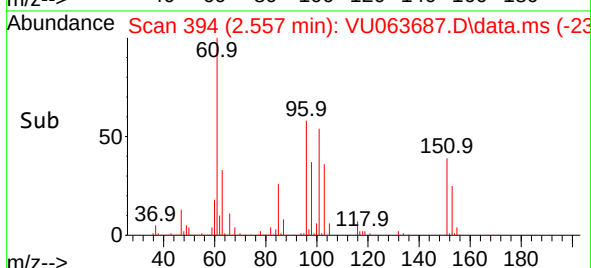
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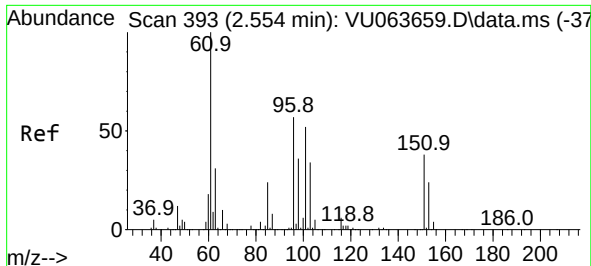


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.706 ug/l
 RT: 2.557 min Scan# 394
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45



Tgt Ion:101 Resp: 162372
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.0 55.4
 151 71.5 57.2 85.8





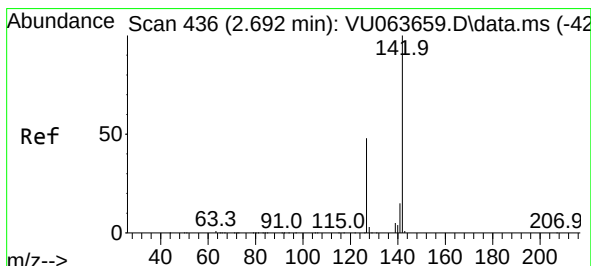
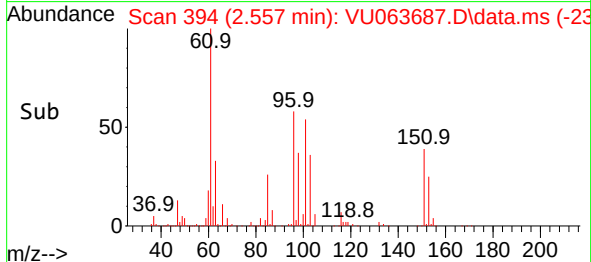
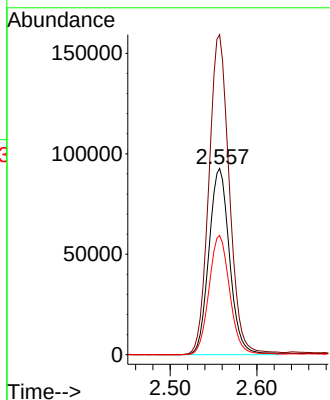
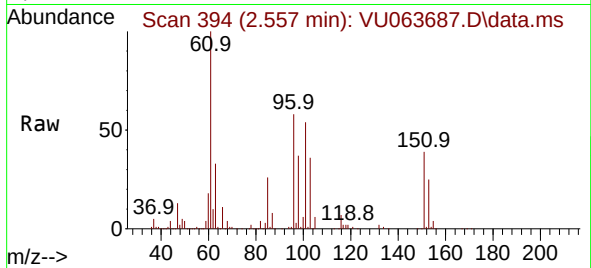
#9
1,1-Dichloroethene
Concen: 10.473 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 153810
Ion Ratio Lower Upper
96 100
61 171.9 0.0 524.7
98 64.0 0.0 126.8

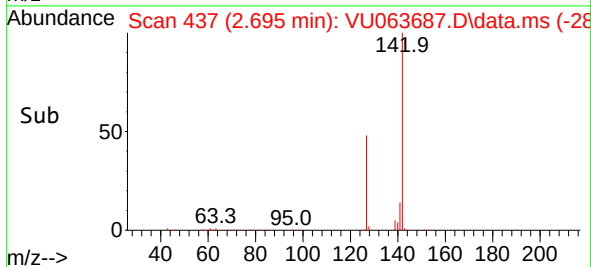
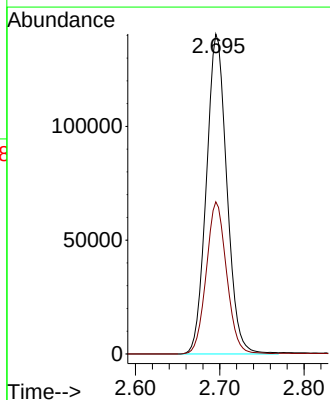
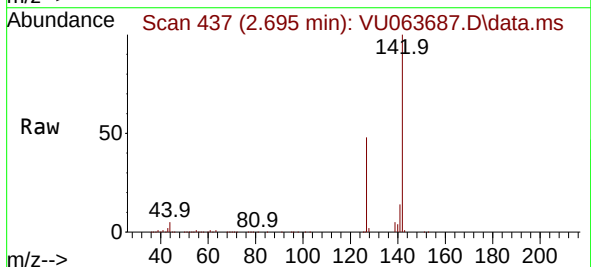
Manual Integrations
APPROVED

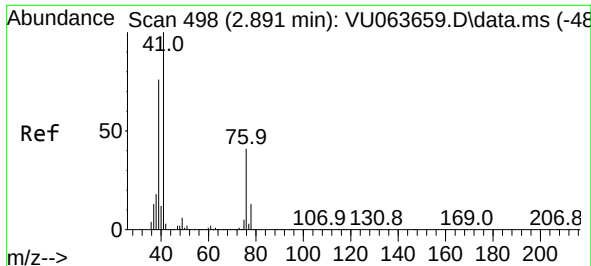
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 10.883 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

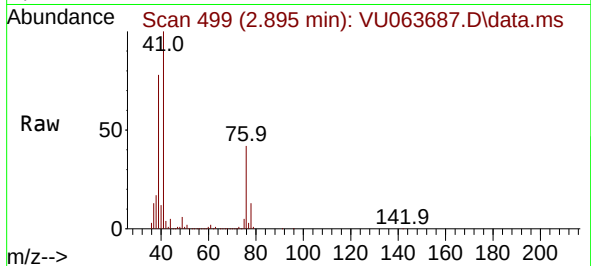
Tgt Ion:142 Resp: 237383
Ion Ratio Lower Upper
142 100
127 47.3 38.6 58.0





#11
 Allyl Chloride
 Concen: 9.916 ug/l
 RT: 2.895 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

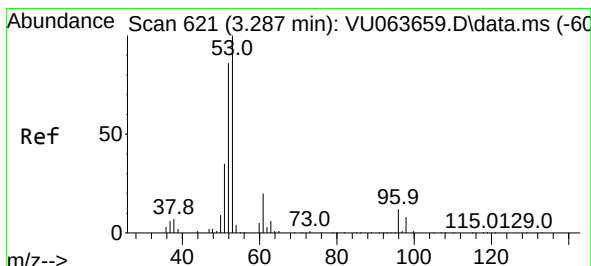
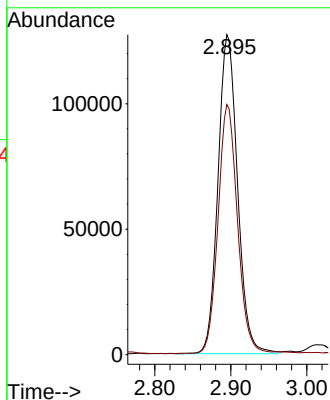
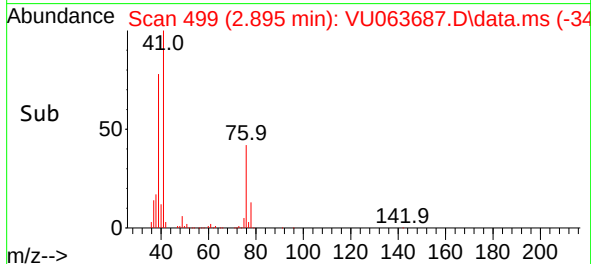
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 22740
 Ion Ratio Lower Upper
 41 100
 39 77.3 61.0 91.4

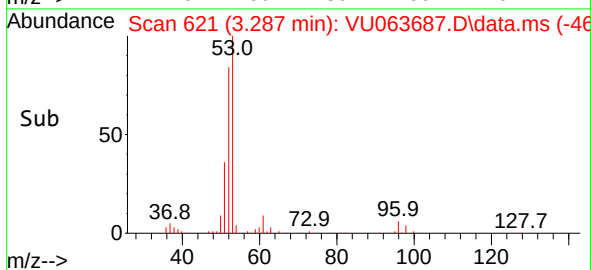
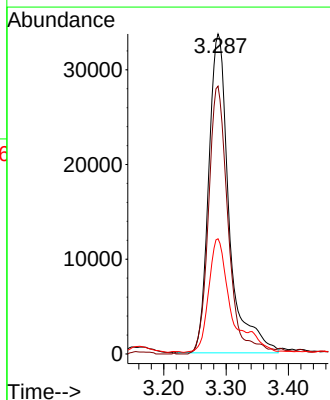
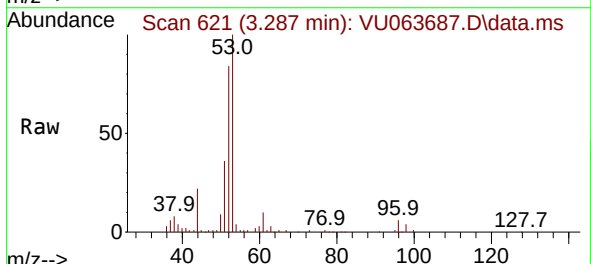
Manual Integrations
 APPROVED

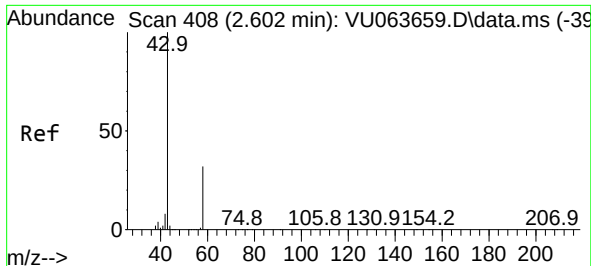
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#12
 Acrylonitrile
 Concen: 21.158 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

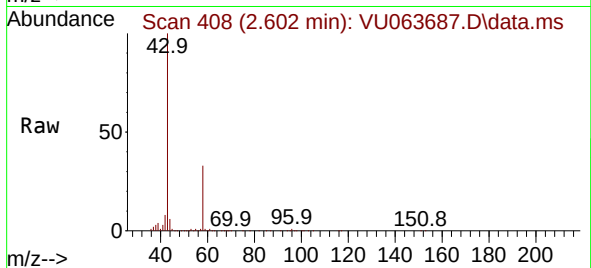
Tgt Ion: 53 Resp: 76865
 Ion Ratio Lower Upper
 53 100
 52 80.6 65.4 98.0
 51 35.3 27.6 41.4





#13
Acetone
Concen: 51.650 ug/l
RT: 2.602 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

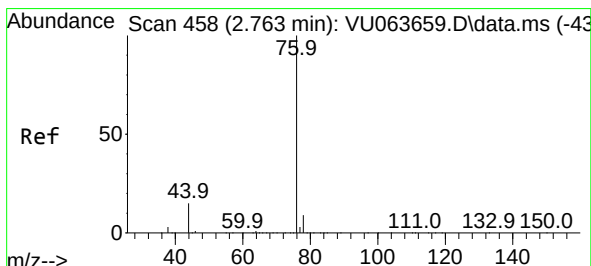
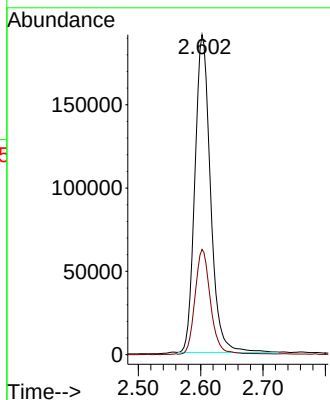
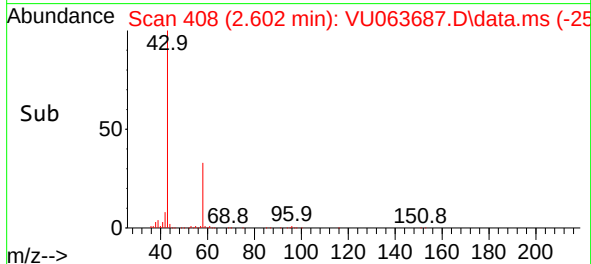
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



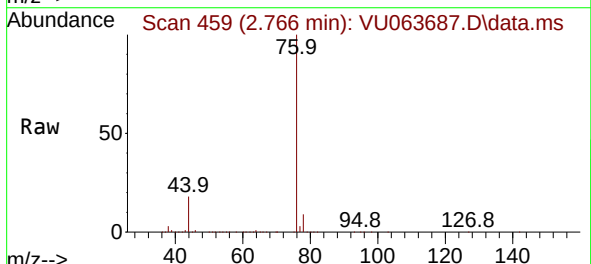
Tgt Ion: 43 Resp: 331410
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8

Manual Integrations
APPROVED

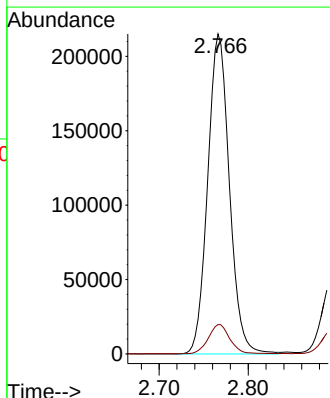
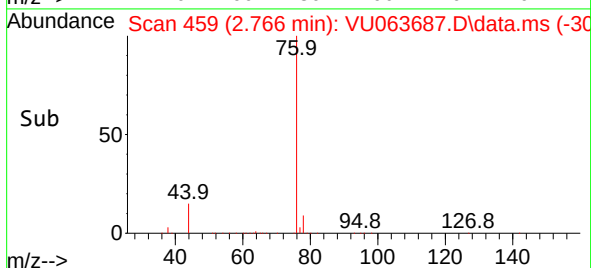
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

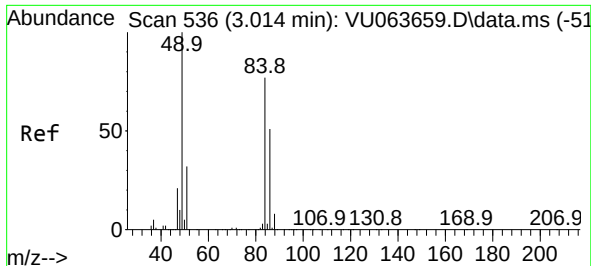


#14
Carbon Disulfide
Concen: 8.797 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



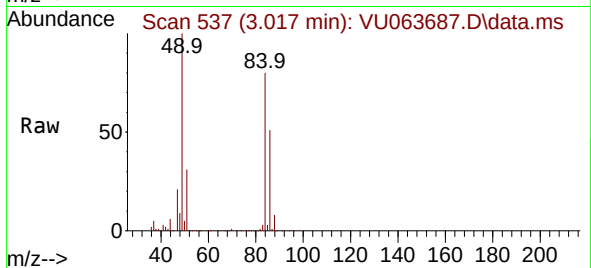
Tgt Ion: 76 Resp: 363996
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15
Methylene Chloride
Concen: 9.429 ug/l
RT: 3.017 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

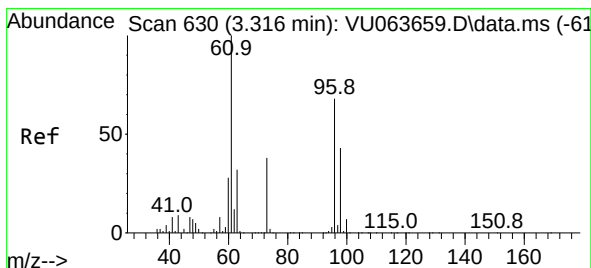
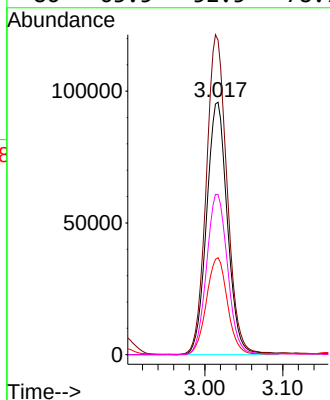
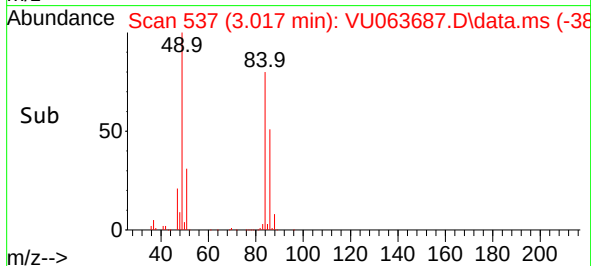
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:	84	Resp:	177994
Ion	Ratio	Lower	Upper
84	100		
49	124.5	103.4	155.0
51	38.2	0.0	81.6
86	63.5	52.5	78.7

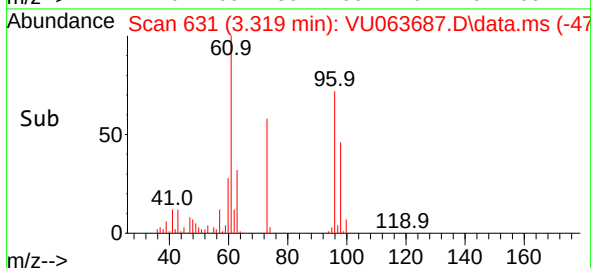
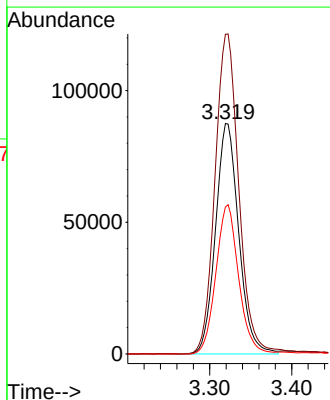
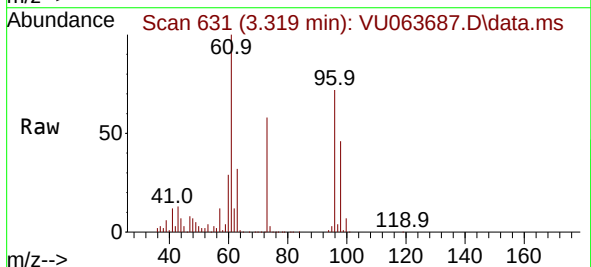
Manual Integrations
APPROVED

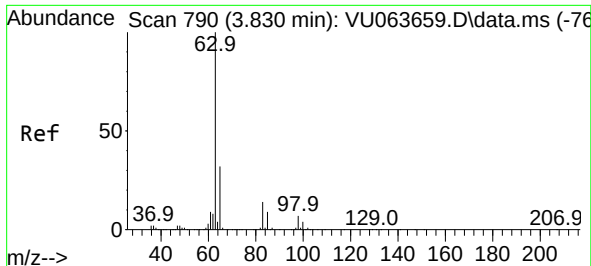
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 10.655 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

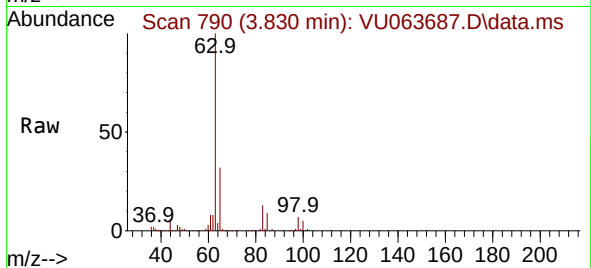
Tgt Ion:	96	Resp:	172559
Ion	Ratio	Lower	Upper
96	100		
61	138.8	117.4	176.2
98	63.8	49.9	74.9





#17
1,1-Dichloroethane
Concen: 10.468 ug/l
RT: 3.830 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

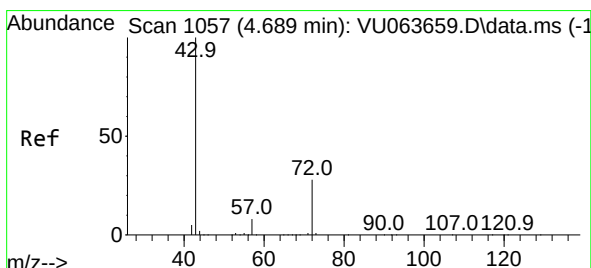
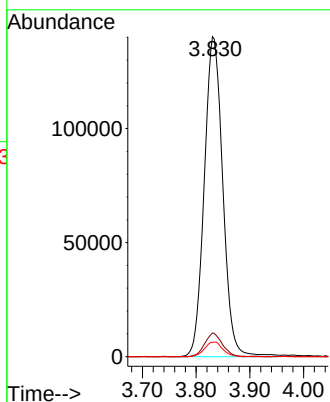
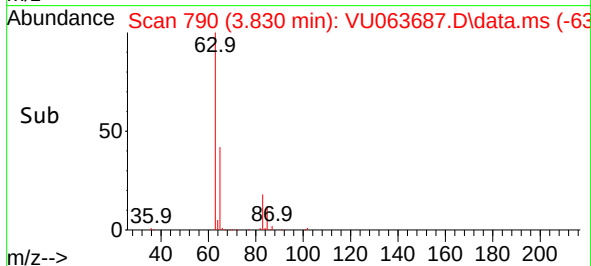
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



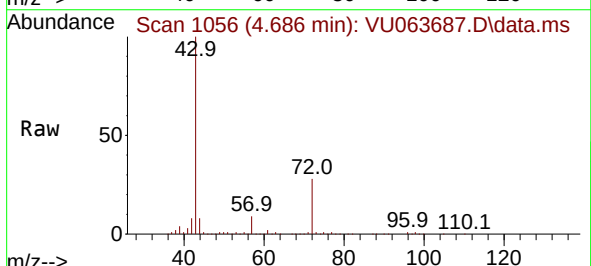
Tgt Ion: 63 Resp: 335794
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 4.5 2.2 6.6

Manual Integrations
APPROVED

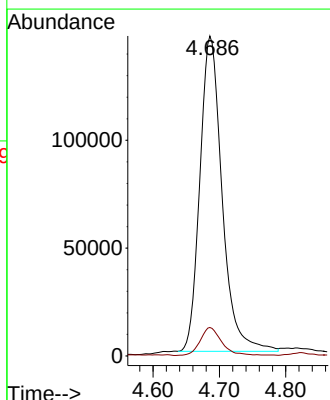
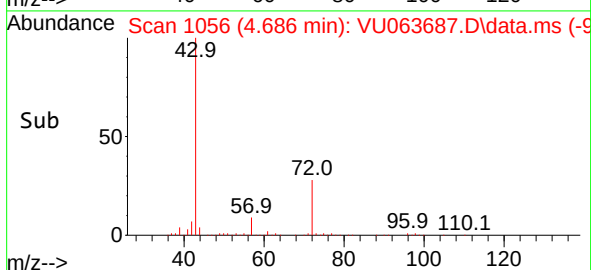
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

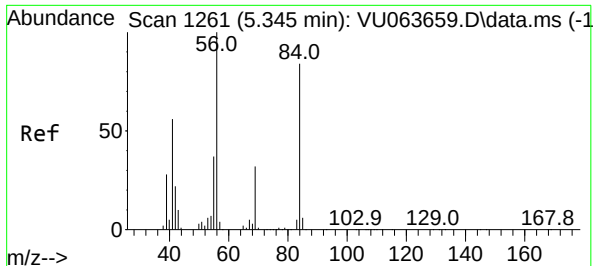


#18
2-Butanone
Concen: 50.065 ug/l
RT: 4.686 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion: 43 Resp: 340768
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 10.418 ug/l

RT: 5.348 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063687.D

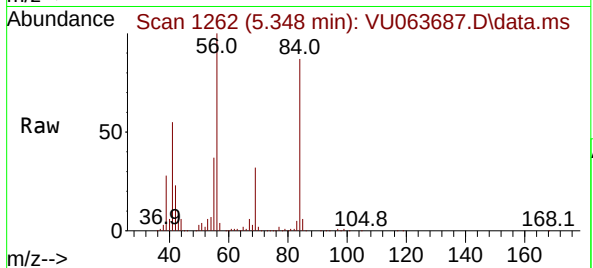
Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 255389

Ion Ratio Lower Upper

56 100

69 34.0 27.1 40.7

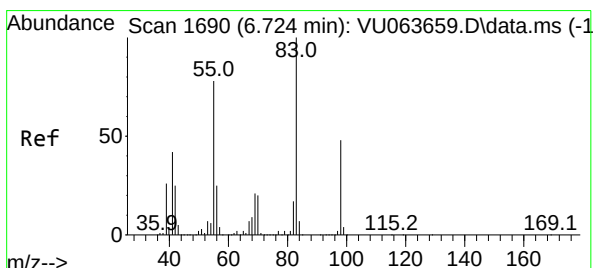
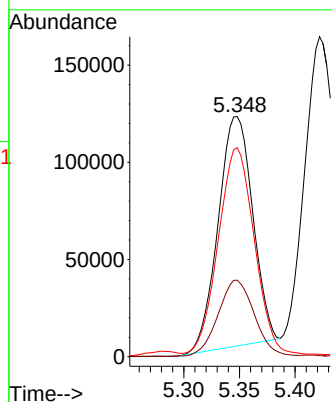
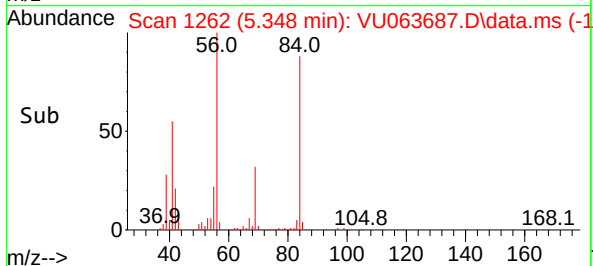
84 92.9 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 9.830 ug/l

RT: 6.727 min Scan# 1691

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

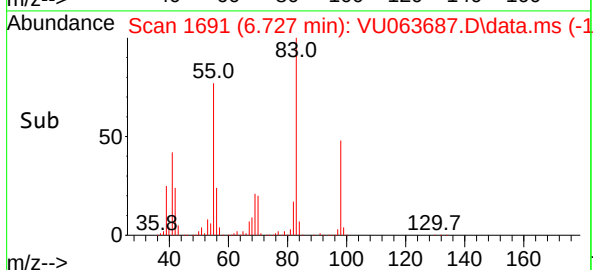
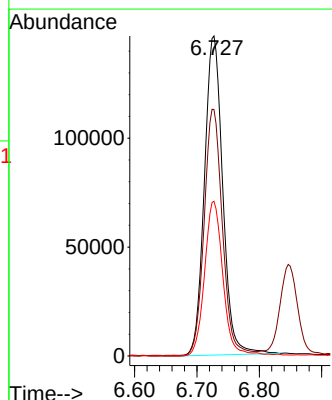
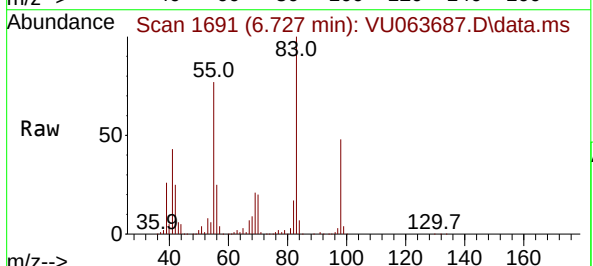
Tgt Ion: 83 Resp: 299957

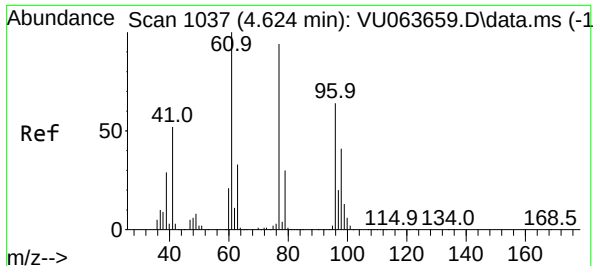
Ion Ratio Lower Upper

83 100

55 74.7 61.5 92.3

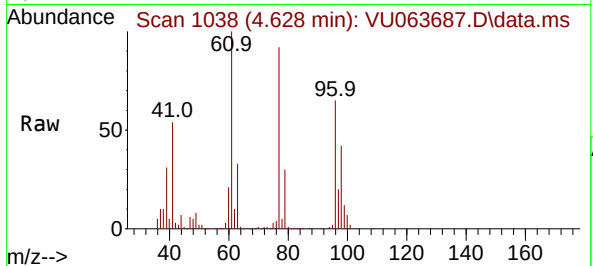
98 46.5 37.9 56.9





#21
2,2-Dichloropropane
Concen: 9.842 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

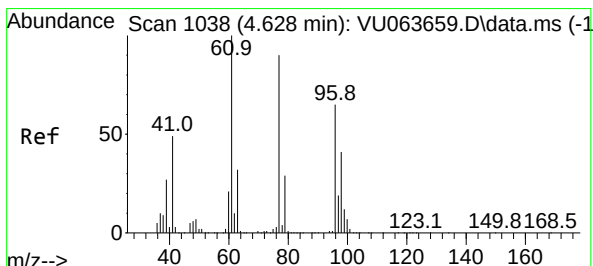
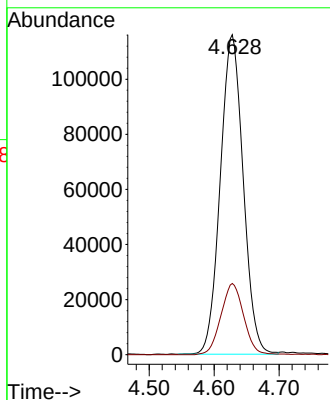
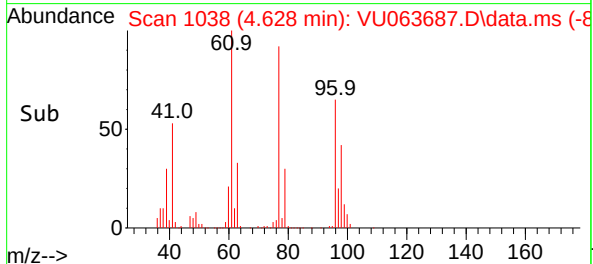
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



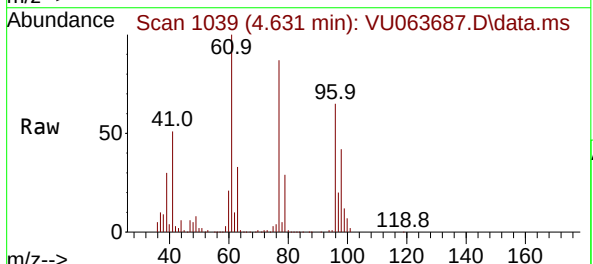
Tgt Ion: 77 Resp: 28329
Ion Ratio Lower Upper
77 100
97 22.2 17.1 25.7

Manual Integrations
APPROVED

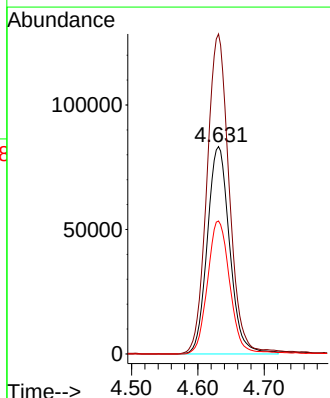
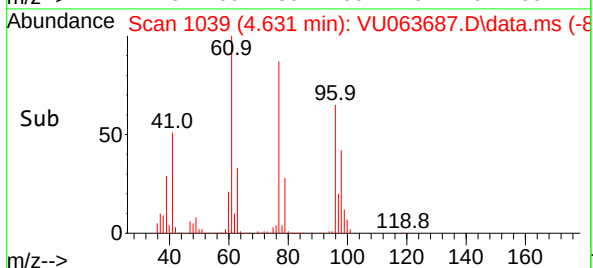
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

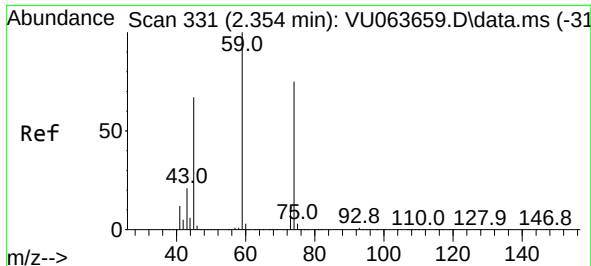


#22
cis-1,2-Dichloroethene
Concen: 10.580 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



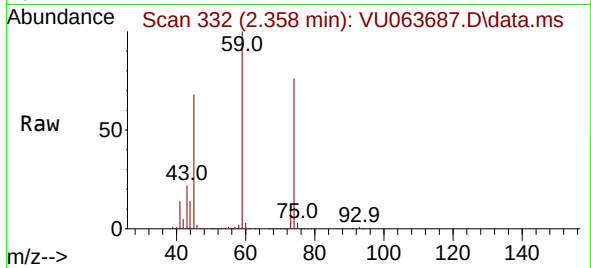
Tgt Ion: 96 Resp: 195090
Ion Ratio Lower Upper
96 100
61 152.6 0.0 385.0
98 64.3 31.3 93.9





#23
Diethyl Ether
Concen: 10.319 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

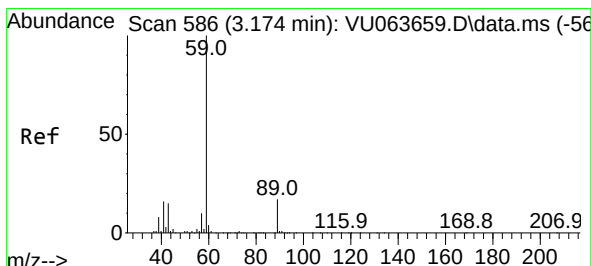
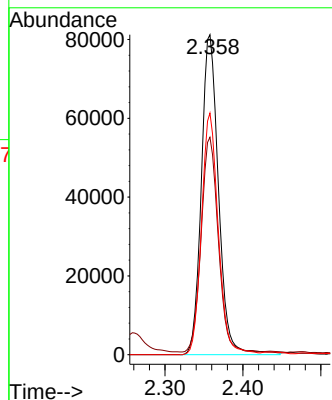
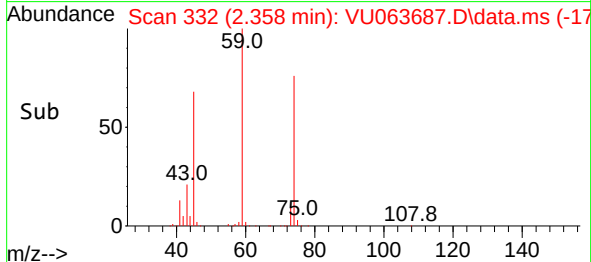
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 12418
Ion Ratio Lower Upper
59 100
45 66.3 52.6 78.8
74 74.0 59.4 89.2

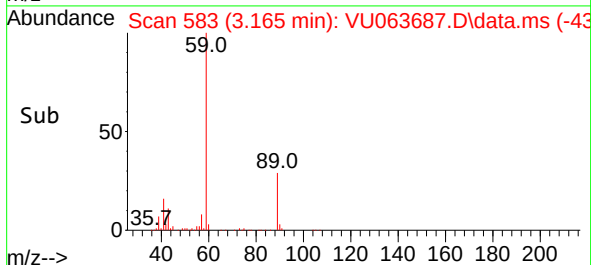
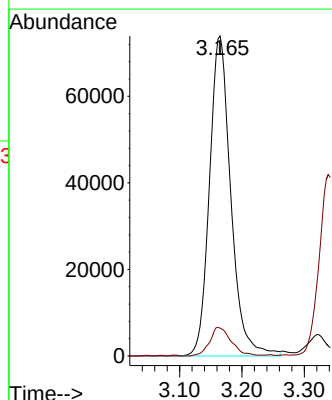
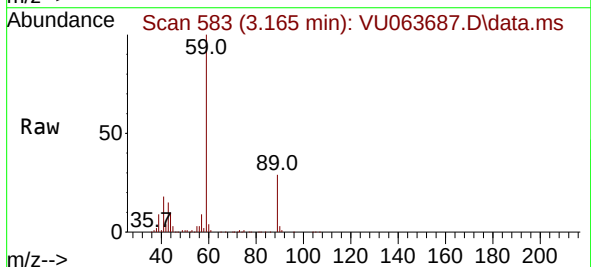
Manual Integrations
APPROVED

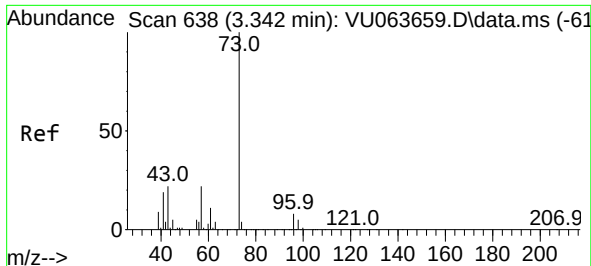
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#24
tert-Butyl Alcohol
Concen: 84.832 ug/l
RT: 3.165 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

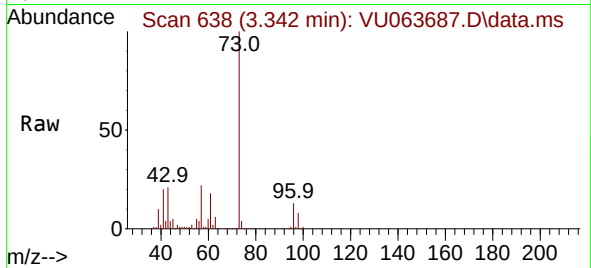
Tgt Ion: 59 Resp: 175962
Ion Ratio Lower Upper
59 100
57 9.1 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 10.245 ug/l
RT: 3.342 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

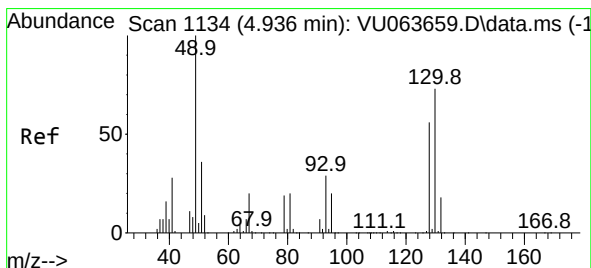
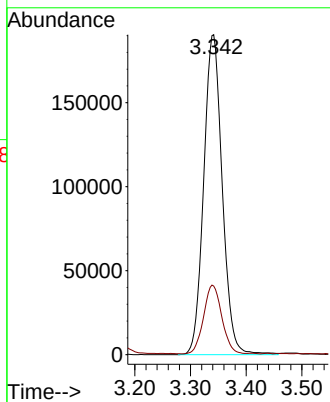
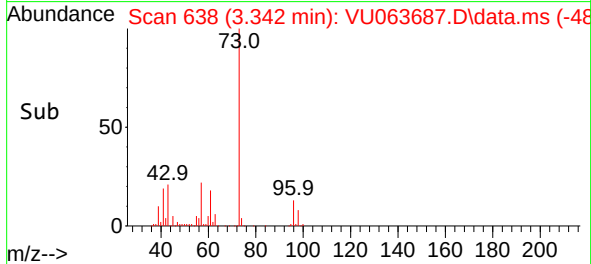
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 440909
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0

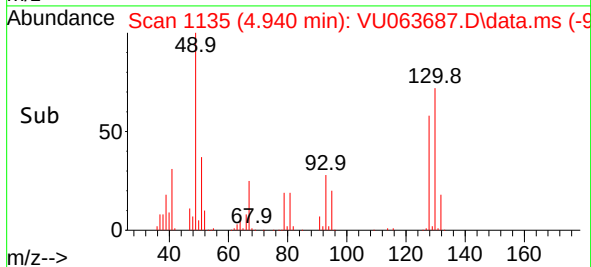
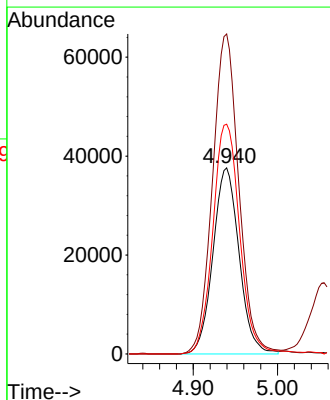
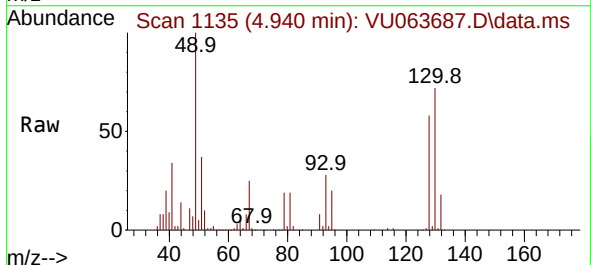
Manual Integrations
APPROVED

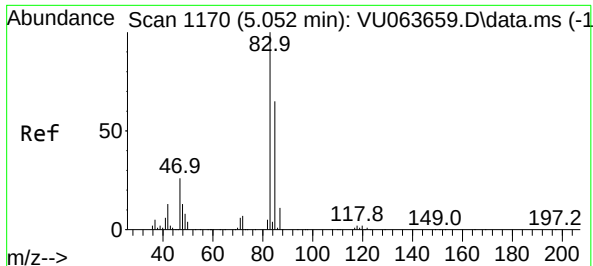
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 10.400 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

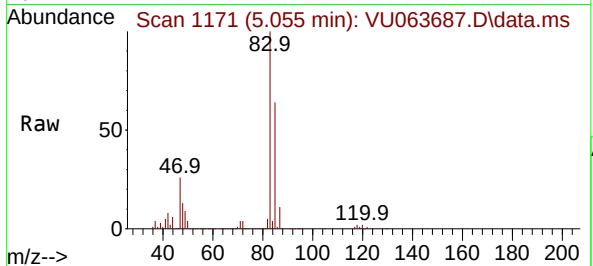
Tgt Ion:128 Resp: 80891
Ion Ratio Lower Upper
128 100
49 173.1 0.0 349.6
130 127.6 102.7 154.1





#27
Chloroform
Concen: 10.588 ug/l
RT: 5.055 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

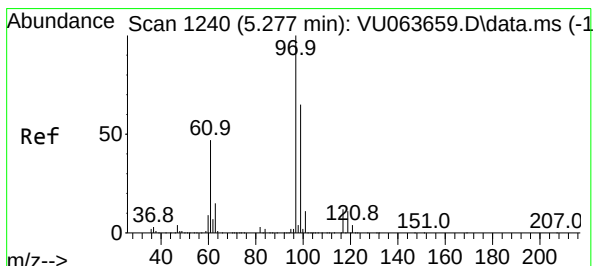
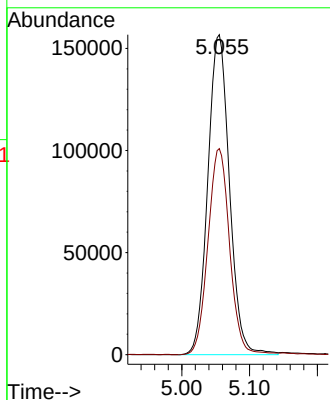
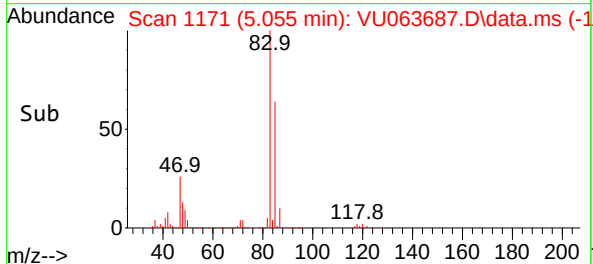
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



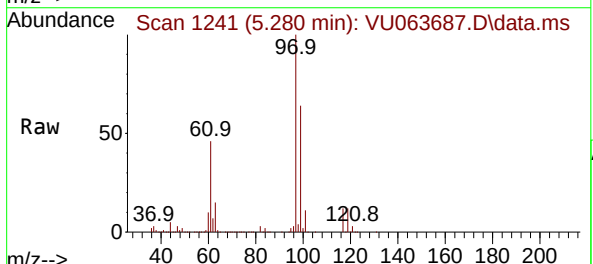
Tgt Ion: 83 Resp: 347549
Ion Ratio Lower Upper
83 100
85 64.4 0.0 130.8

Manual Integrations
APPROVED

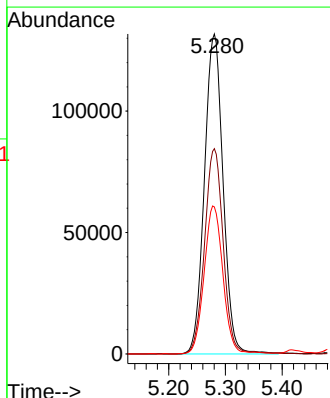
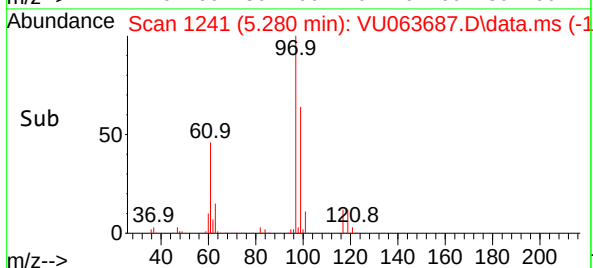
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

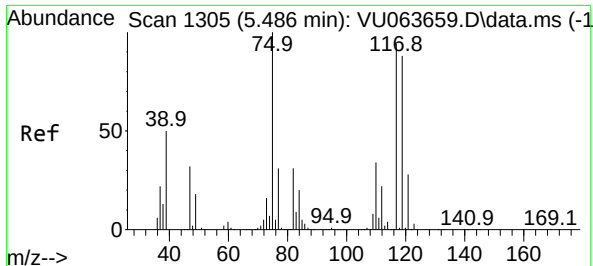


#28
1,1,1-Trichloroethane
Concen: 10.431 ug/l
RT: 5.280 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion: 97 Resp: 301943
Ion Ratio Lower Upper
97 100
99 64.1 32.3 96.8
61 46.3 23.3 69.8





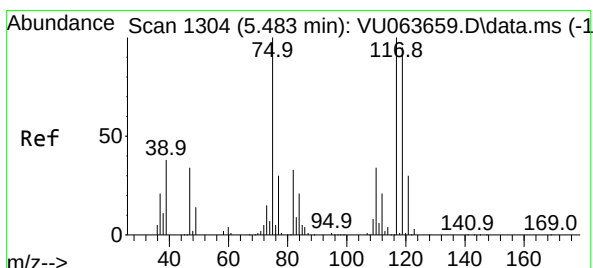
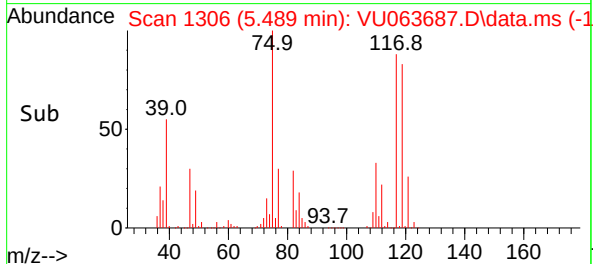
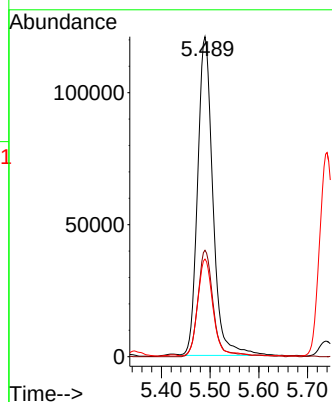
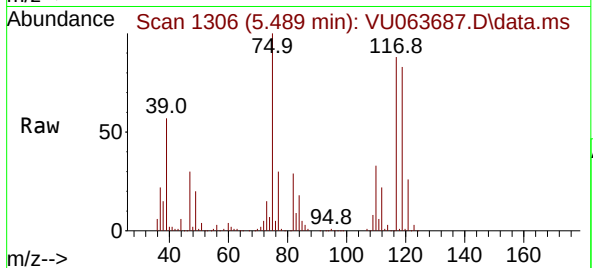
#29
1,1-Dichloropropene
Concen: 10.819 ug/l
RT: 5.489 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 262910
Ion Ratio Lower Upper
75 100
110 33.0 17.2 51.5
77 29.7 24.5 36.7

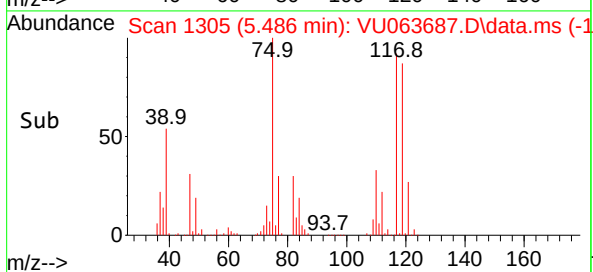
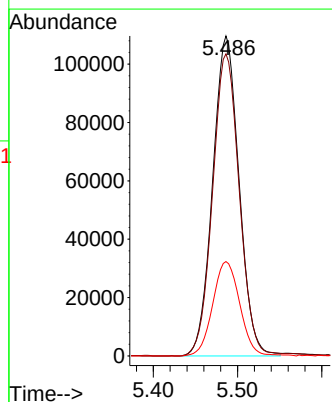
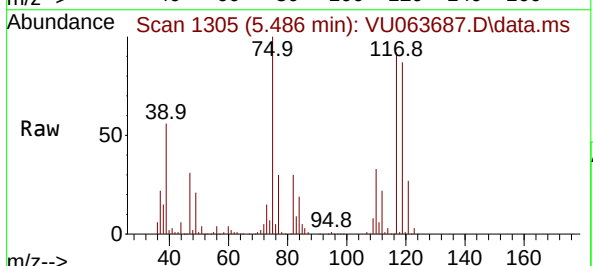
Manual Integrations
APPROVED

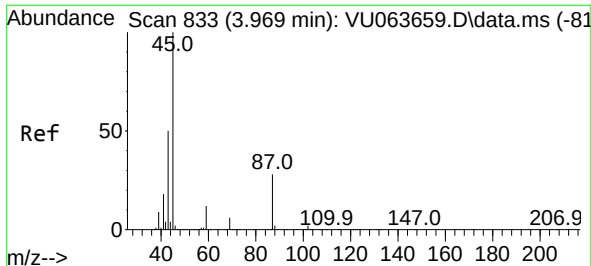
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Carbon Tetrachloride
Concen: 10.393 ug/l
RT: 5.486 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

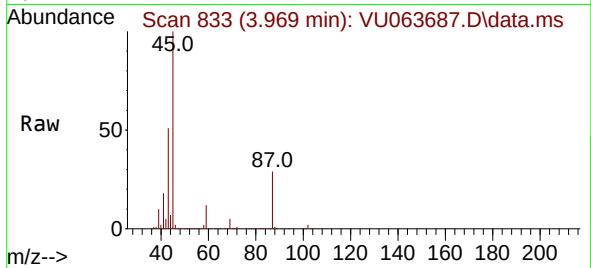
Tgt Ion:117 Resp: 238123
Ion Ratio Lower Upper
117 100
119 94.4 75.7 113.5
121 29.5 23.8 35.6





#31
Isopropyl Ether
Concen: 10.065 ug/l
RT: 3.969 min Scan# 833
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

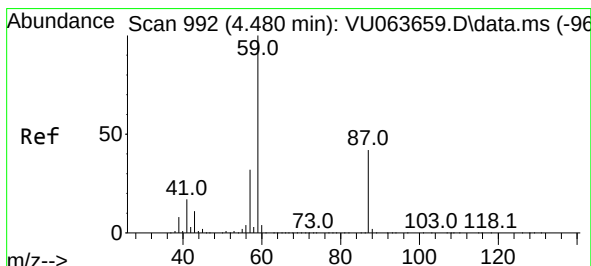
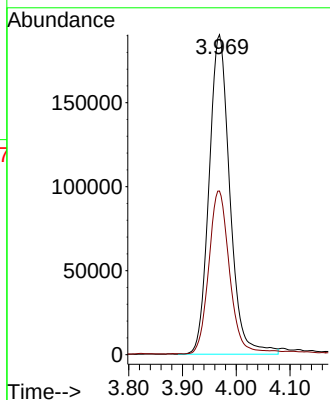
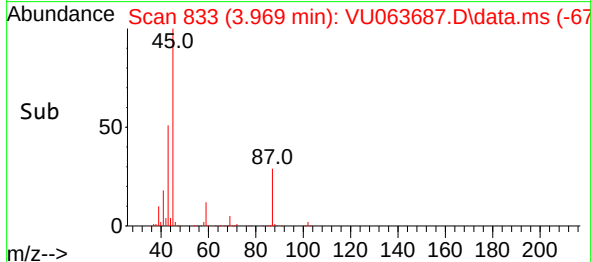
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



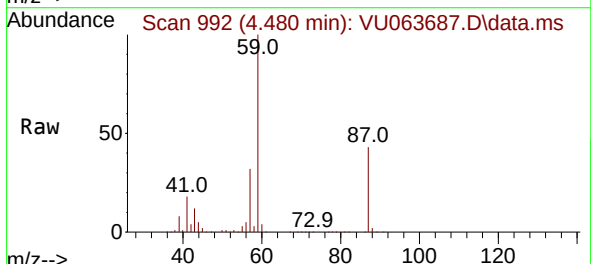
Tgt Ion: 45 Resp: 511520
Ion Ratio Lower Upper
45 100
43 50.7 25.3 75.9

Manual Integrations
APPROVED

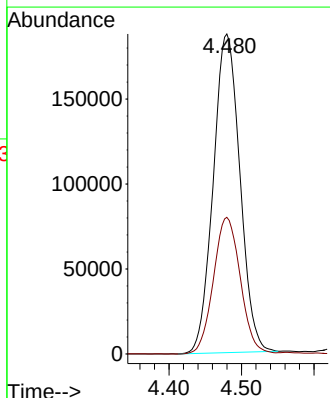
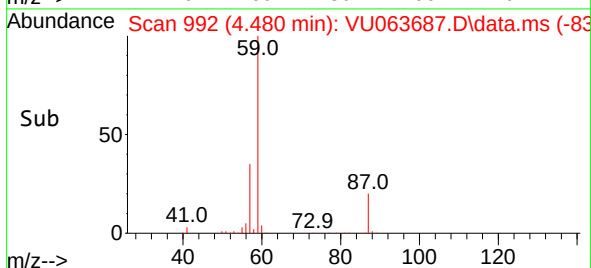
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

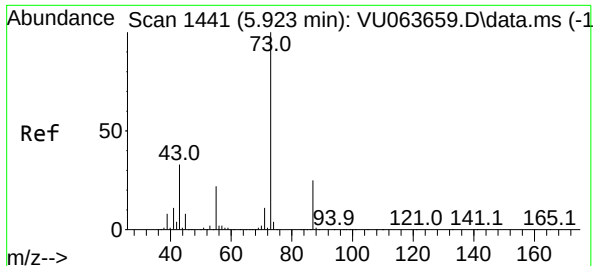


#32
Ethyl-t-butyl ether
Concen: 9.788 ug/l
RT: 4.480 min Scan# 992
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



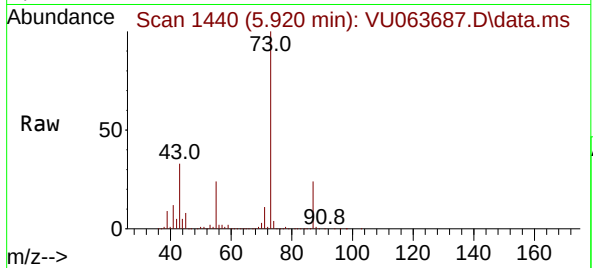
Tgt Ion: 59 Resp: 479241
Ion Ratio Lower Upper
59 100
87 42.8 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 10.070 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

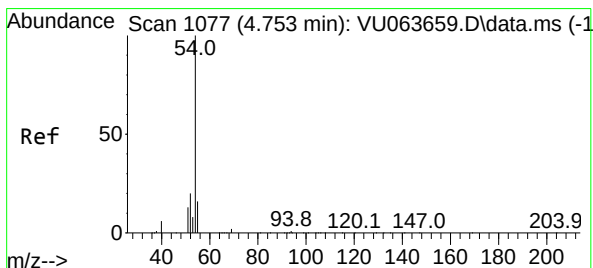
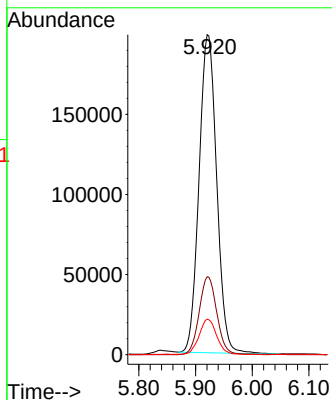
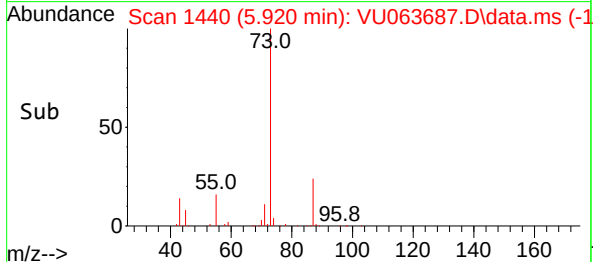
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



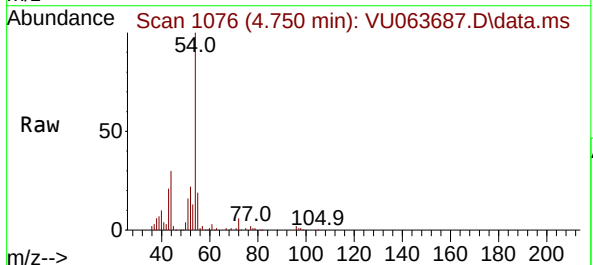
Tgt Ion: 73 Resp: 42932
Ion Ratio Lower Upper
73 100
87 24.5 20.0 30.0
71 10.9 9.0 13.4

Manual Integrations
APPROVED

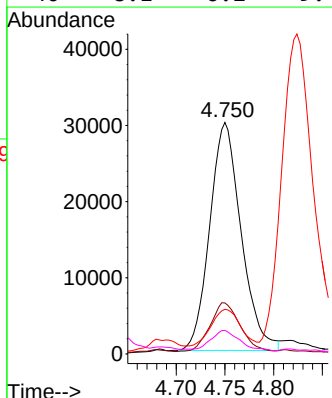
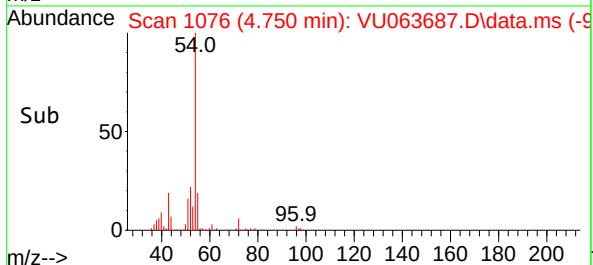
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

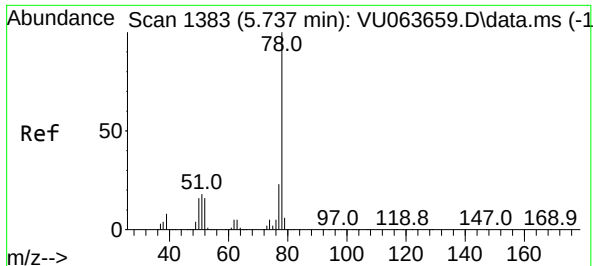


#34
Propionitrile
Concen: 50.411 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



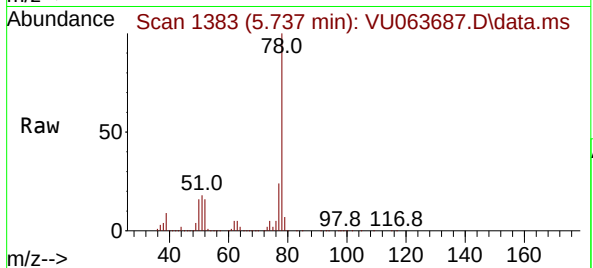
Tgt Ion: 54 Resp: 67050
Ion Ratio Lower Upper
54 100
52 20.9 15.8 23.6
55 18.1 11.3 16.9#
40 8.1 6.2 9.4





#35
Benzene
Concen: 10.554 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

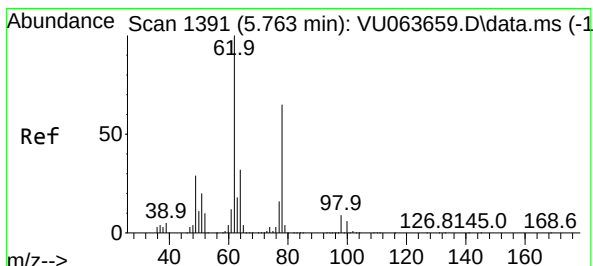
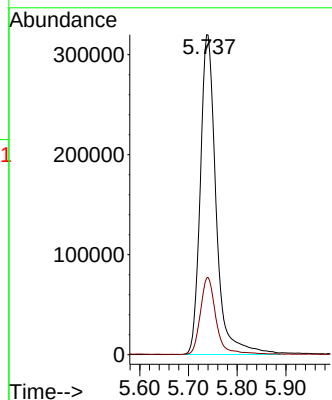
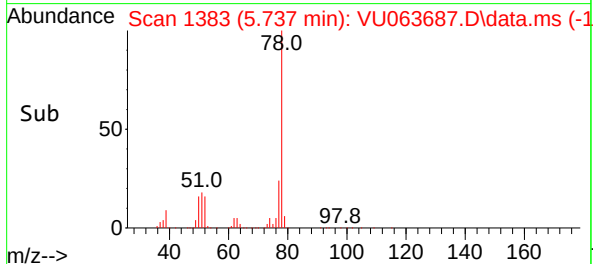
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



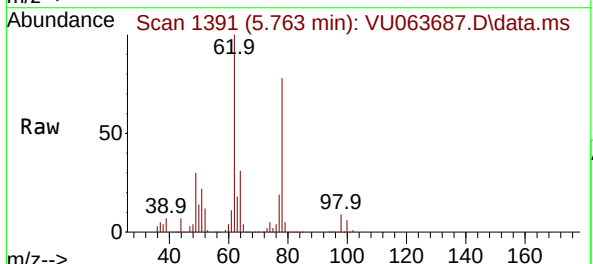
Tgt Ion: 78 Resp: 72285
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

Manual Integrations
APPROVED

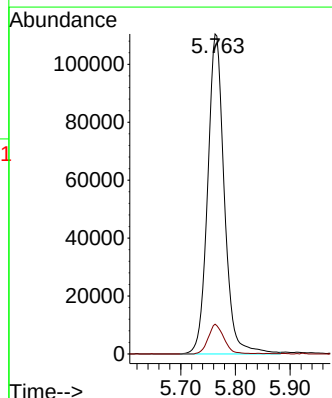
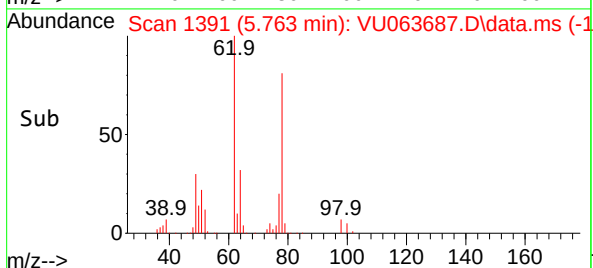
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

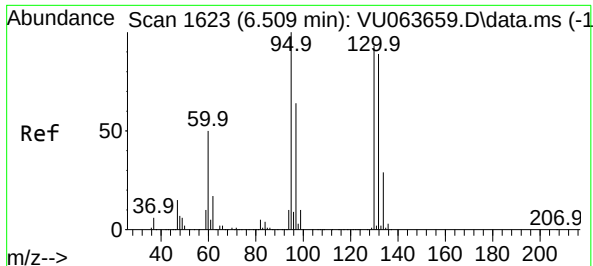


#36
1,2-Dichloroethane
Concen: 10.636 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion: 62 Resp: 233923
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2





#37

Trichloroethene

Concen: 10.056 ug/l

RT: 6.509 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 19630

Ion Ratio Lower Upper

130 100

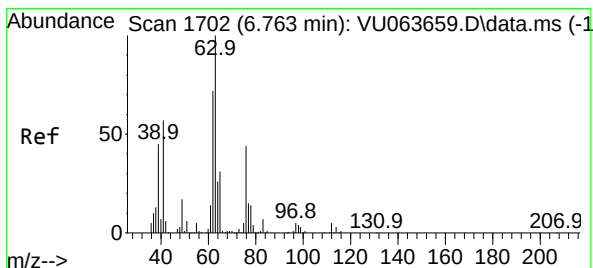
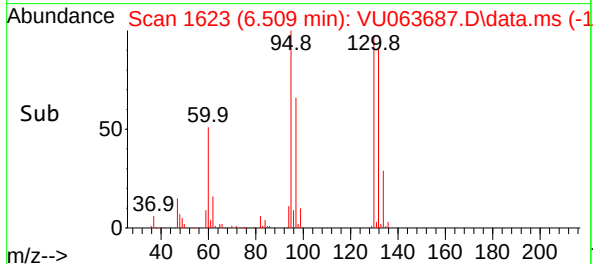
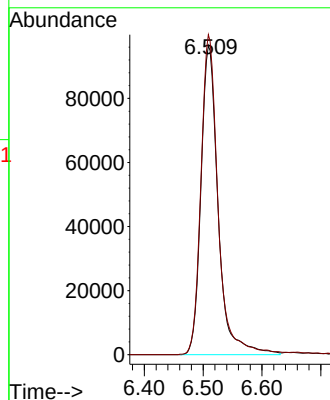
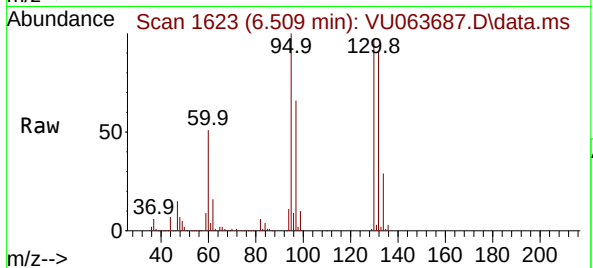
95 103.4 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 10.082 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VU063687.D

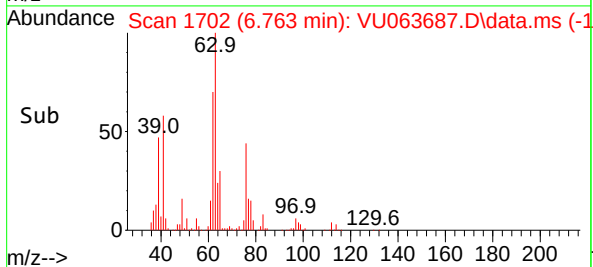
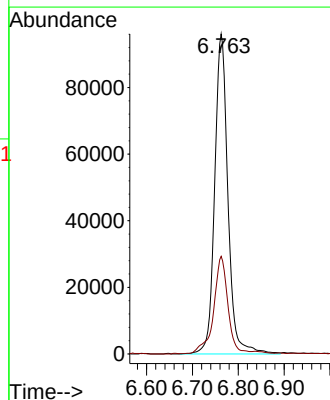
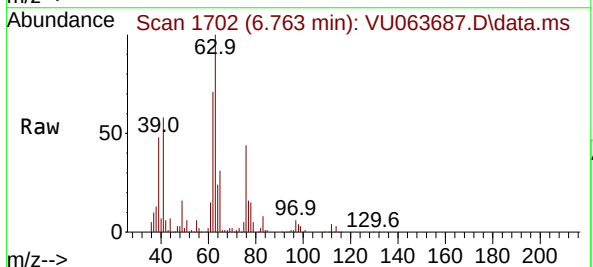
Acq: 07 Nov 2025 15:45

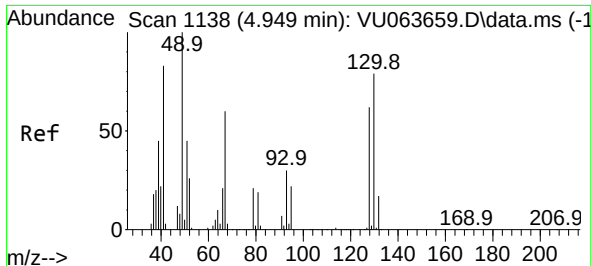
Tgt Ion: 63 Resp: 193257

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7





#39

Methacrylonitrile

Concen: 9.262 ug/l

RT: 4.949 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

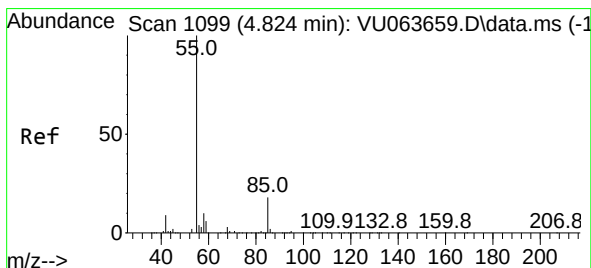
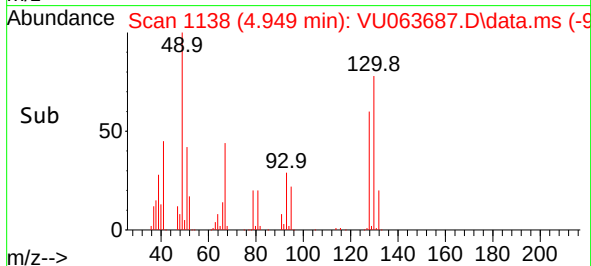
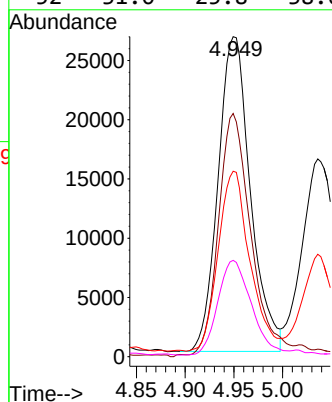
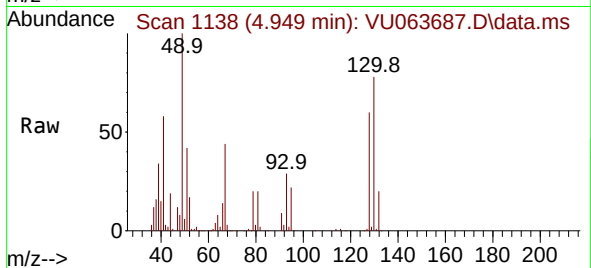
Tgt Ion:	41	Resp:	6132
Ion	Ratio	Lower	Upper
41	100		
67	76.2	61.4	92.2
39	56.1	46.5	69.7
52	31.0	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 10.144 ug/l

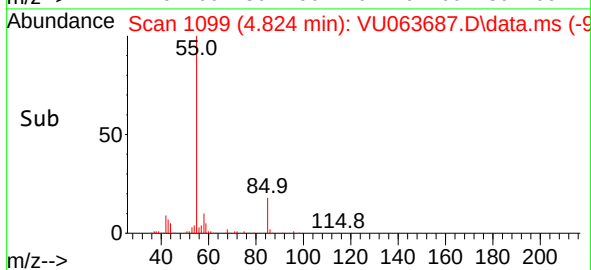
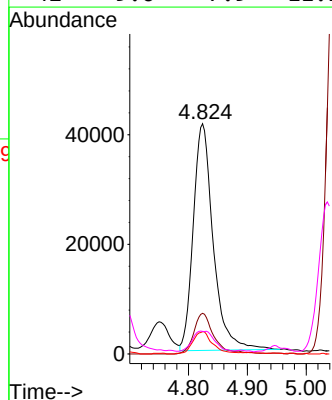
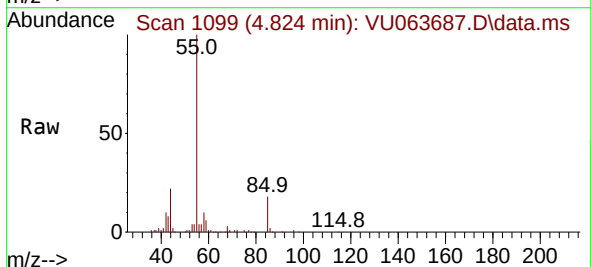
RT: 4.824 min Scan# 1099

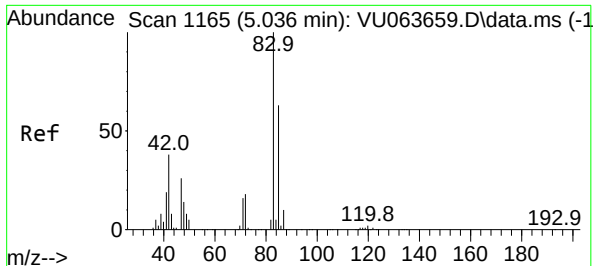
Delta R.T. 0.000 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

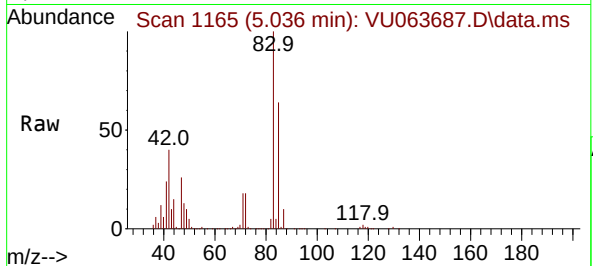
Tgt Ion:	55	Resp:	97530
Ion	Ratio	Lower	Upper
55	100		
85	17.2	15.3	22.9
58	9.9	7.7	11.5
42	9.6	7.9	11.9





#41
Tetrahydrofuran
Concen: 20.893 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

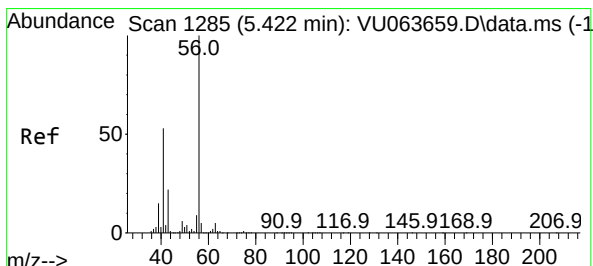
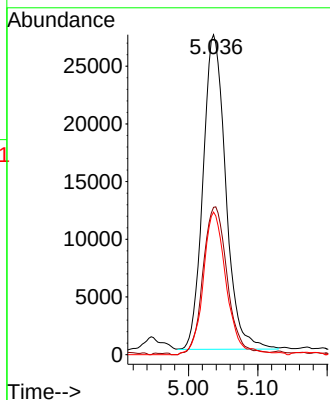
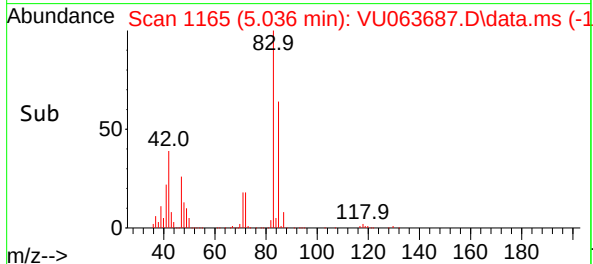
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



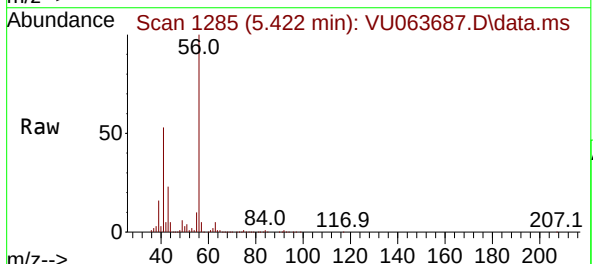
Tgt Ion: 42 Resp: 62240
Ion Ratio Lower Upper
42 100
72 50.3 40.5 60.7
71 45.7 35.0 52.6

Manual Integrations
APPROVED

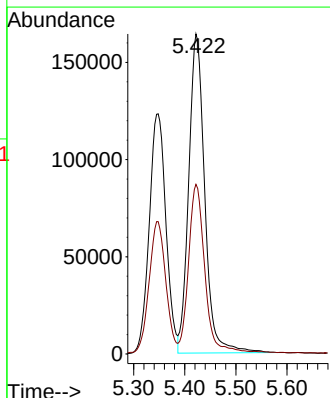
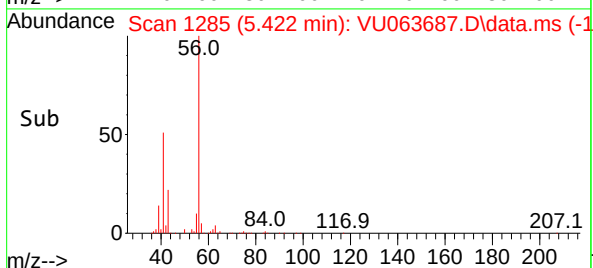
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

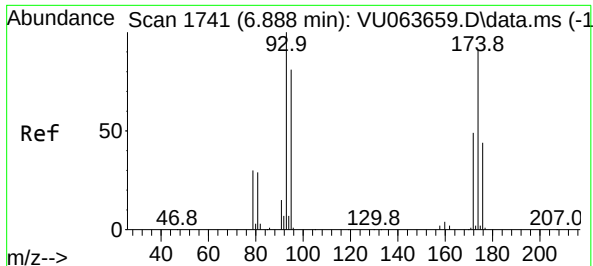


#42
1-Chlorobutane
Concen: 10.985 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



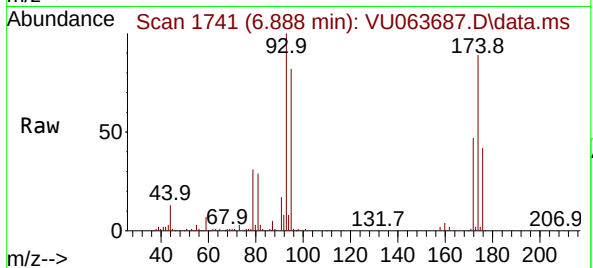
Tgt Ion: 56 Resp: 357728
Ion Ratio Lower Upper
56 100
41 51.9 25.9 77.6





#43
Dibromomethane
Concen: 9.885 ug/l
RT: 6.888 min Scan# 1741
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

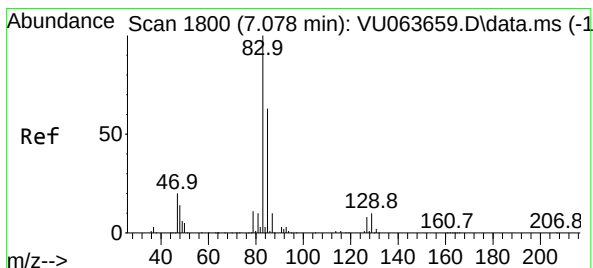
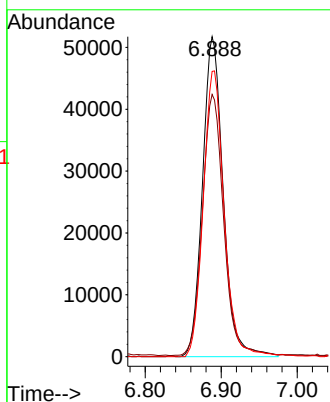
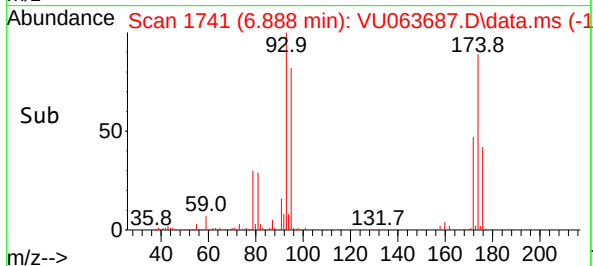
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



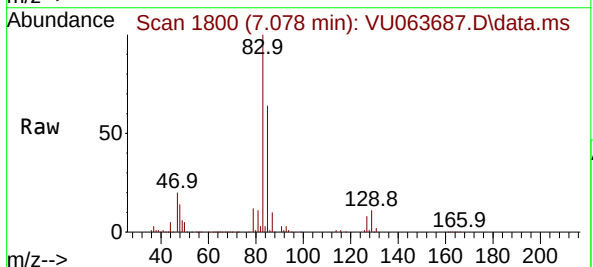
Tgt Ion: 93 Resp: 9802
Ion Ratio Lower Upper
93 100
95 83.5 64.6 97.0
174 90.3 73.8 110.8

Manual Integrations
APPROVED

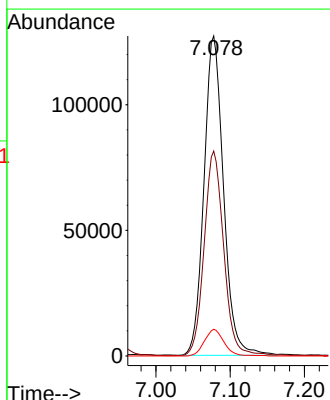
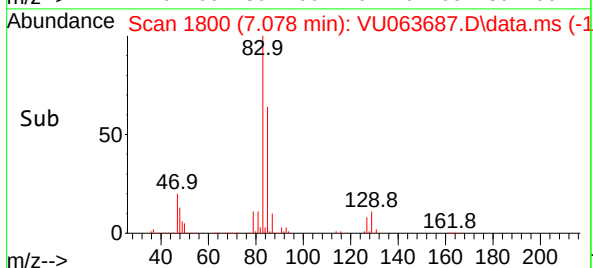
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

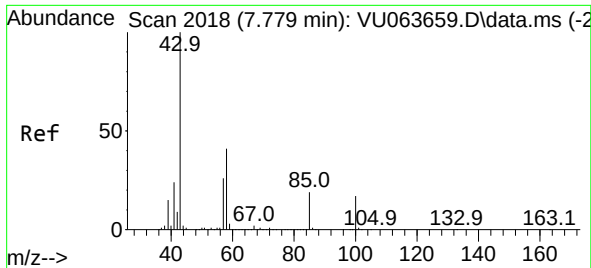


#44
Bromodichloromethane
Concen: 9.589 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion: 83 Resp: 232517
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.4 6.4 9.6





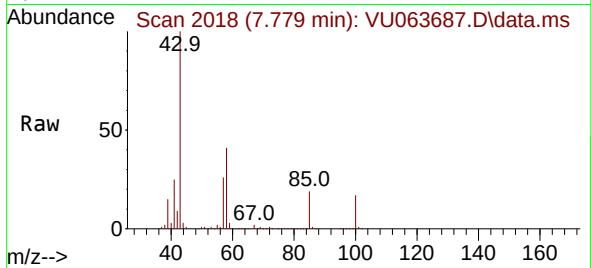
#45
4-Methyl-2-Pentanone
Concen: 48.651 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



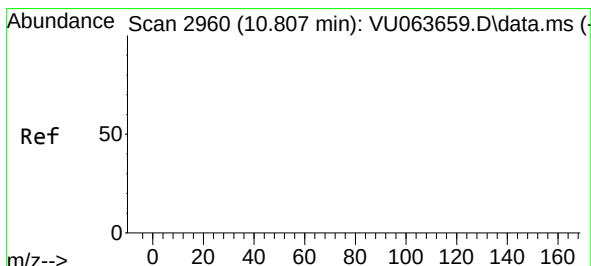
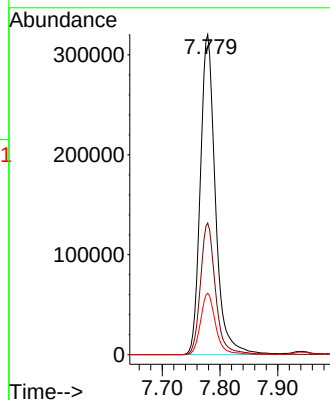
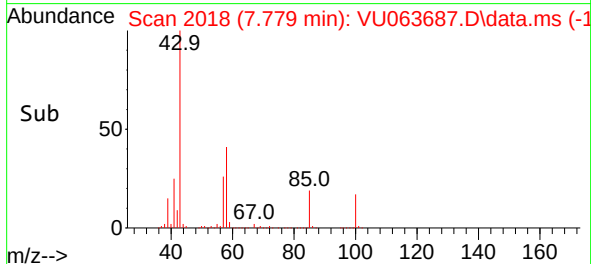
Tgt Ion: 43 Resp: 581730
Ion Ratio Lower Upper
43 100
58 41.2 20.2 60.5
85 19.2 15.0 22.6

Manual Integrations

APPROVED

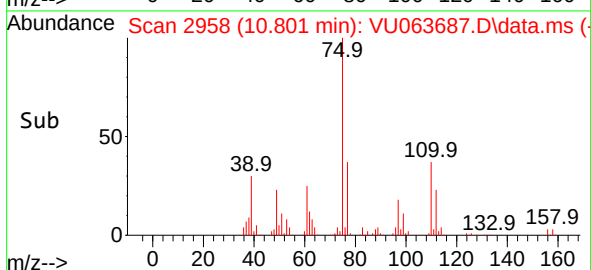
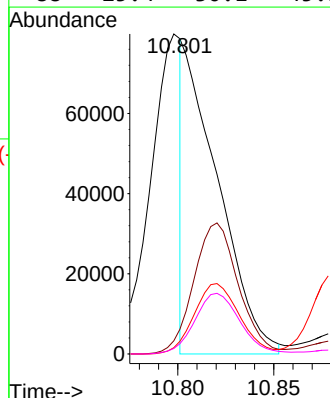
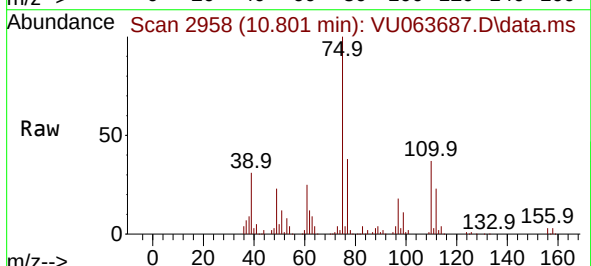
Reviewed By :John Carlone 11/12/2025

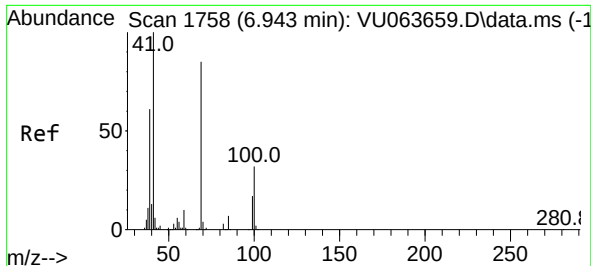
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 23.507 ug/l m
RT: 10.801 min Scan# 2958
Delta R.T. -0.006 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

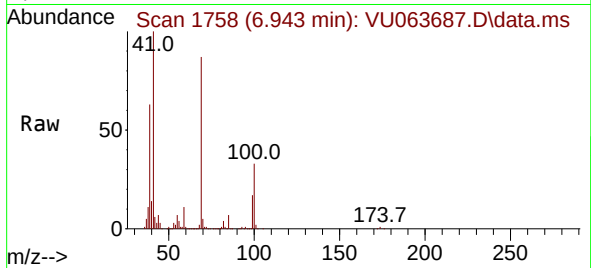
Tgt Ion: 75 Resp: 97501
Ion Ratio Lower Upper
75 100
53 54.4 57.2 85.8#
89 29.6 37.9 56.9#
88 25.4 30.1 45.1#





#47
Methyl methacrylate
Concen: 20.078 ug/l
RT: 6.943 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

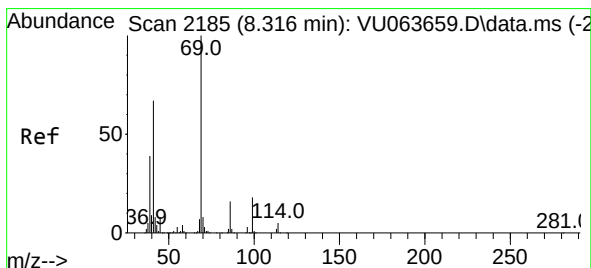
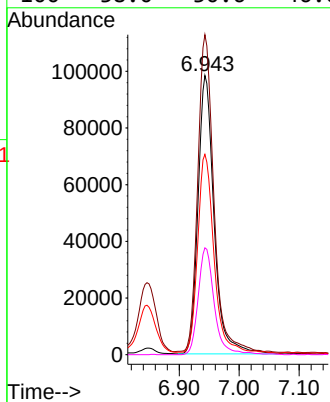
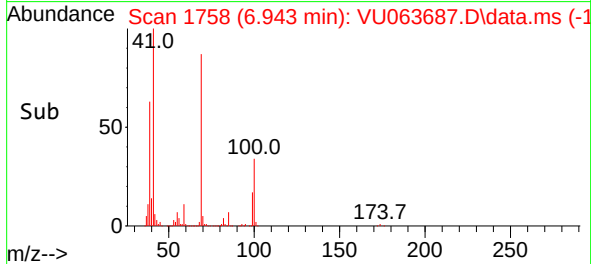
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 183180
Ion Ratio Lower Upper
69 100
41 112.7 0.0 228.2
39 73.4 56.2 84.4
100 38.0 30.6 46.0

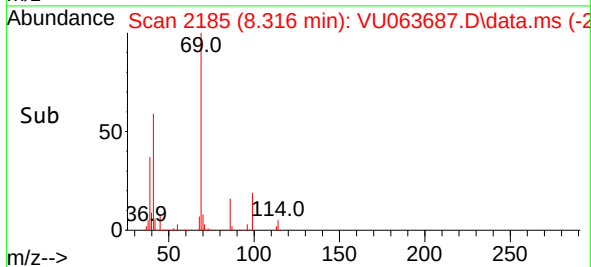
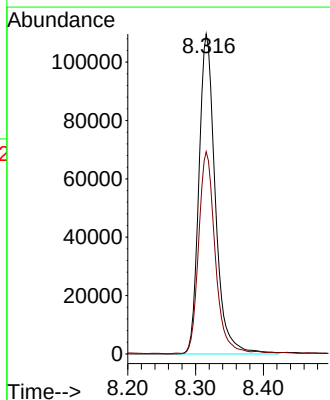
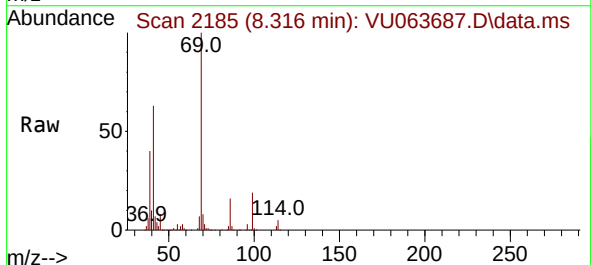
Manual Integrations
APPROVED

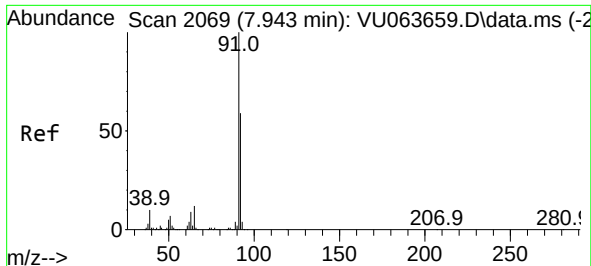
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 9.913 ug/l
RT: 8.316 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

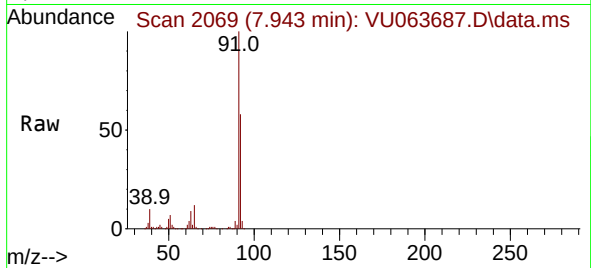
Tgt Ion: 69 Resp: 183946
Ion Ratio Lower Upper
69 100
41 63.0 32.8 98.3





#49
Toluene
Concen: 10.059 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

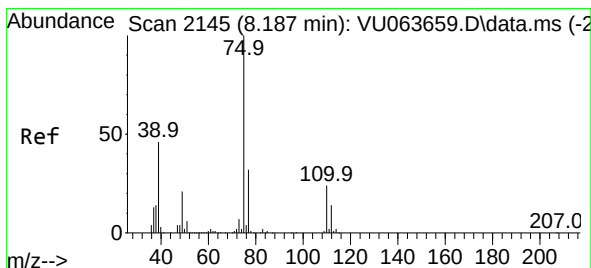
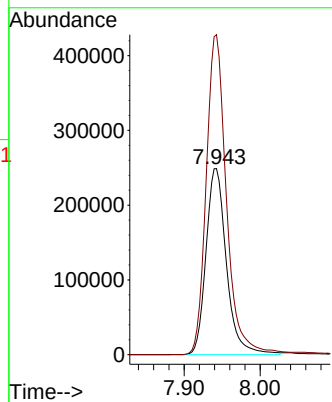
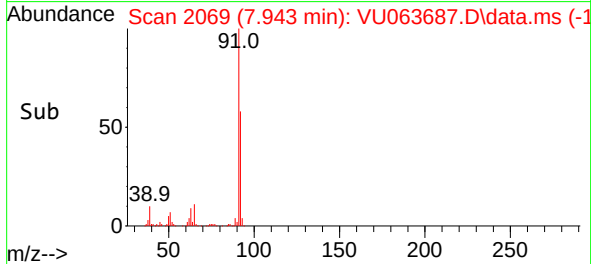
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



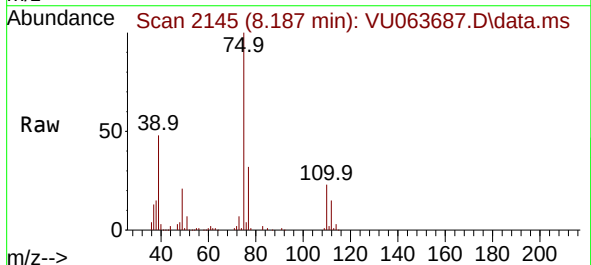
Tgt Ion: 92 Resp: 464630
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2

Manual Integrations
APPROVED

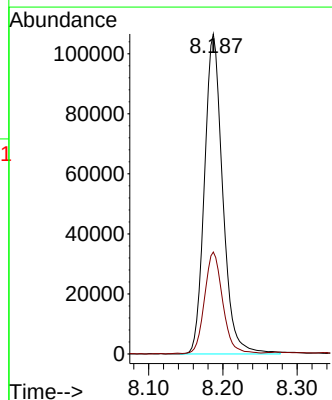
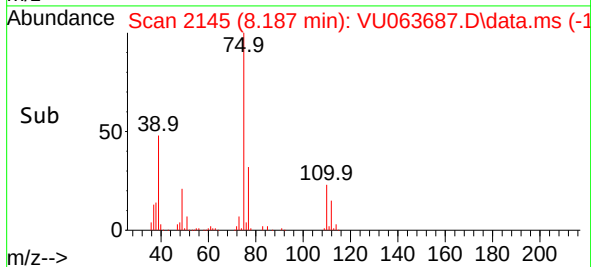
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

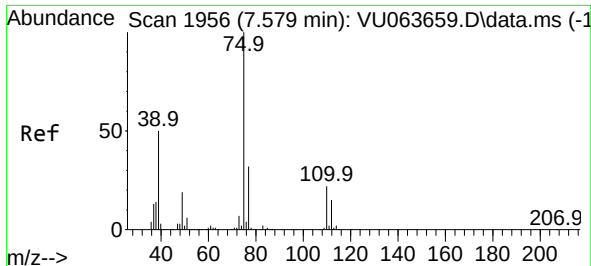


#50
t-1,3-Dichloropropene
Concen: 8.623 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



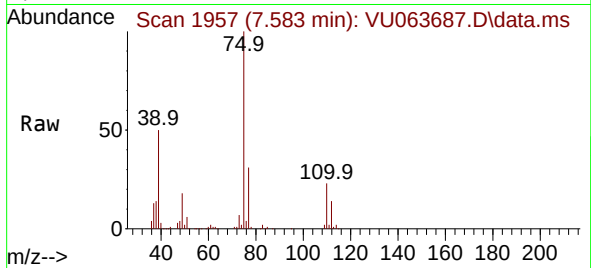
Tgt Ion: 75 Resp: 181725
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 9.366 ug/l
 RT: 7.583 min Scan# 1957
 Delta R.T. 0.003 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

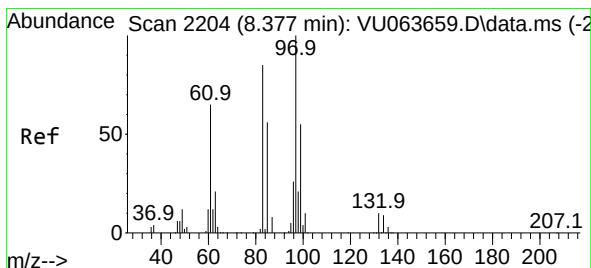
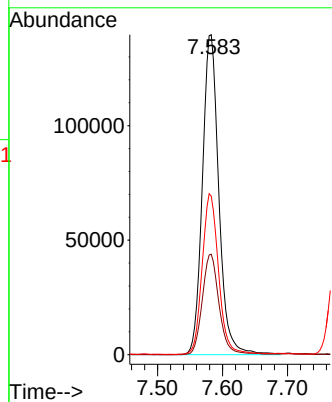
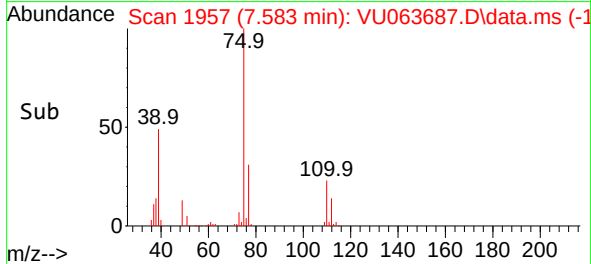
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 24685
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 49.4 39.9 59.9

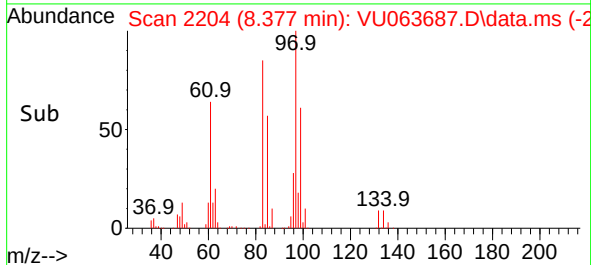
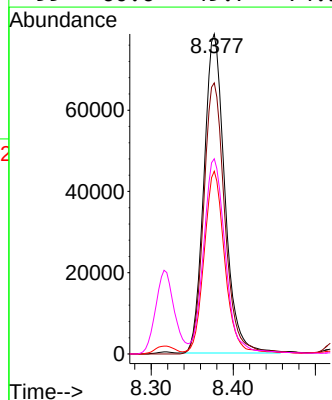
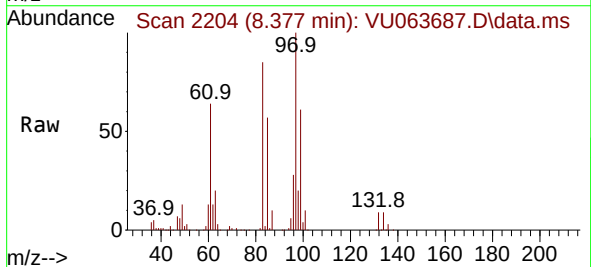
Manual Integrations
 APPROVED

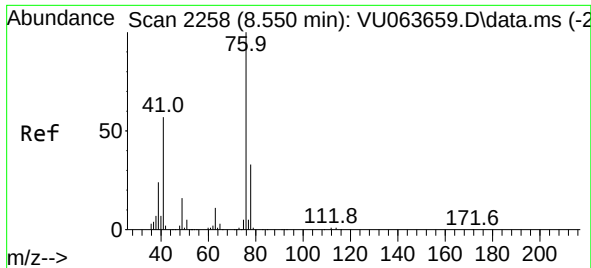
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.294 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

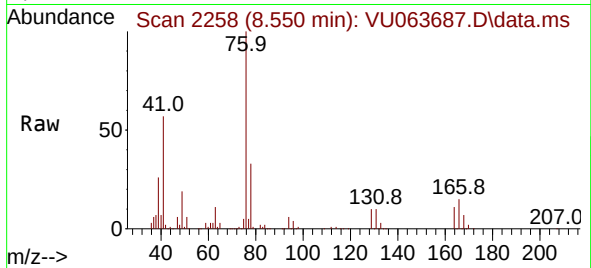
Tgt Ion: 97 Resp: 138767
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.3 102.5
 85 56.8 45.3 67.9
 99 60.6 49.7 74.5





#53
1,3-Dichloropropane
Concen: 9.962 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

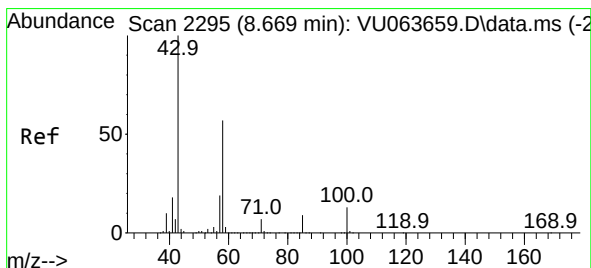
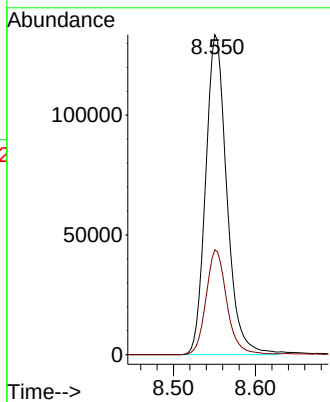
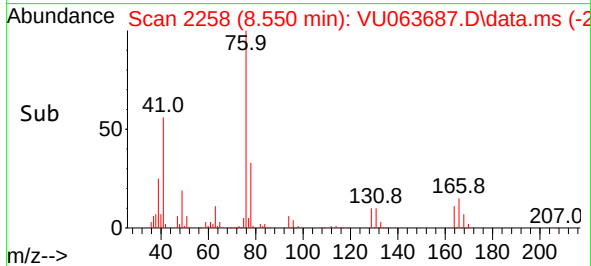
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



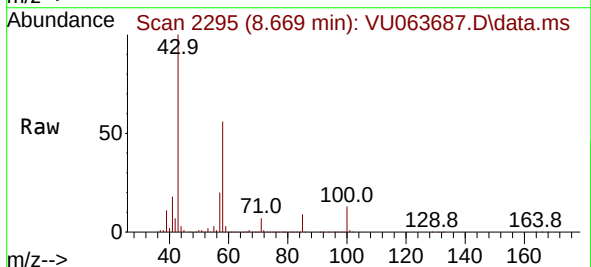
Tgt Ion: 76 Resp: 239890
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

Manual Integrations
APPROVED

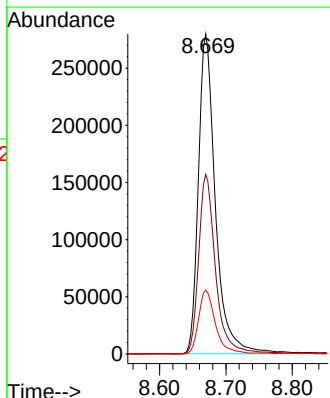
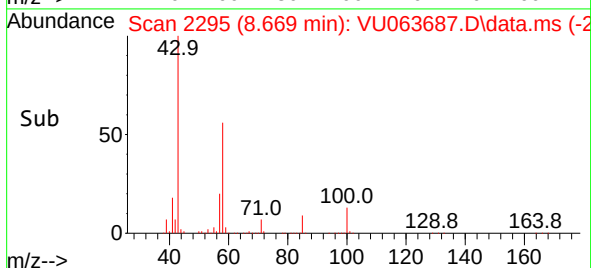
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

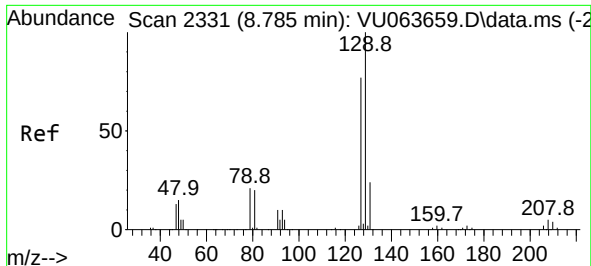


#54
2-Hexanone
Concen: 49.325 ug/l
RT: 8.669 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



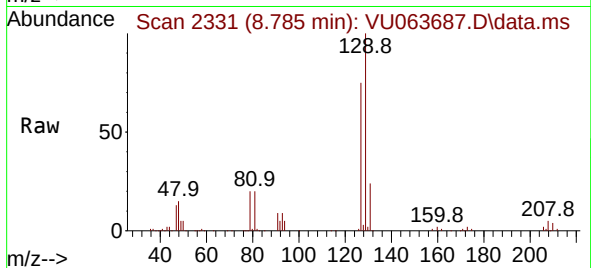
Tgt Ion: 43 Resp: 497940
Ion Ratio Lower Upper
43 100
58 56.0 36.3 76.3
57 19.8 0.0 39.7





#55
Dibromochloromethane
Concen: 9.301 ug/l
RT: 8.785 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

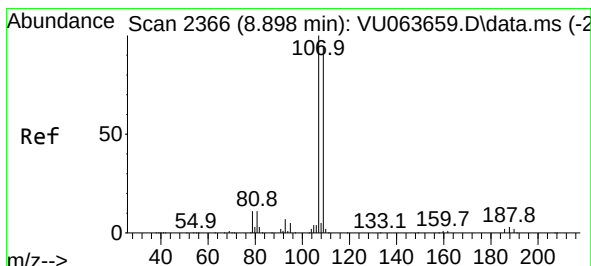
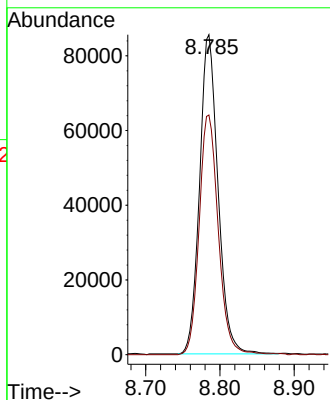
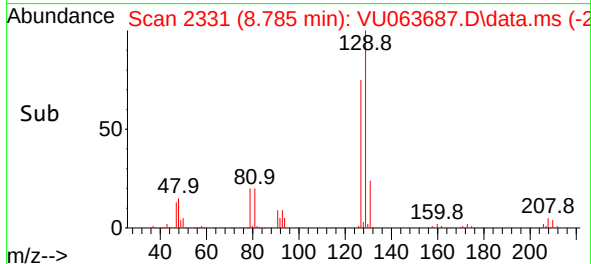
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



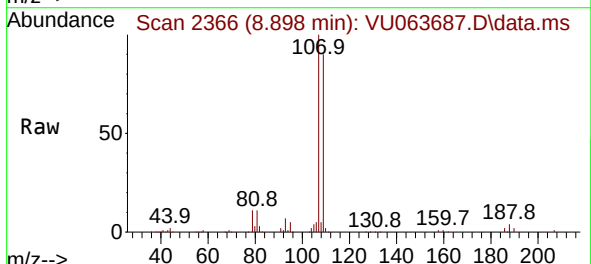
Tgt Ion:129 Resp: 147634
Ion Ratio Lower Upper
129 100
127 77.6 61.4 92.0

Manual Integrations
APPROVED

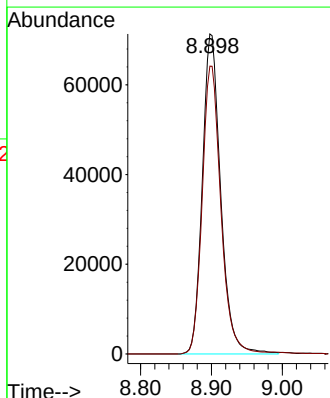
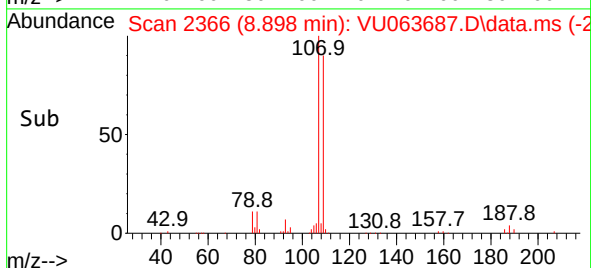
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

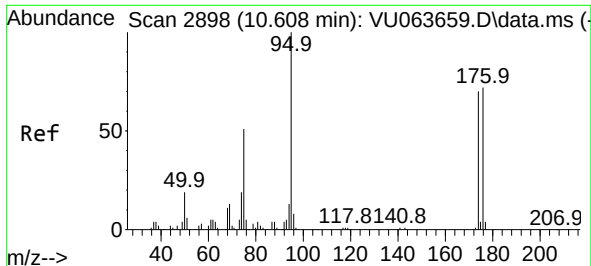


#56
1,2-Dibromoethane
Concen: 9.990 ug/l
RT: 8.898 min Scan# 2366
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



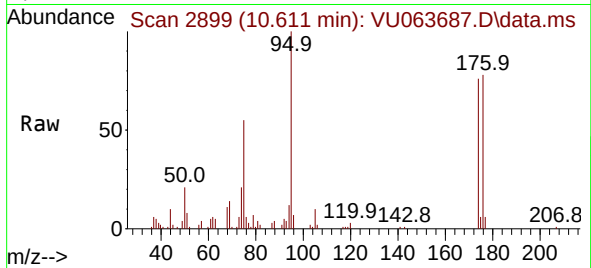
Tgt Ion:107 Resp: 128150
Ion Ratio Lower Upper
107 100
109 91.6 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.955 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

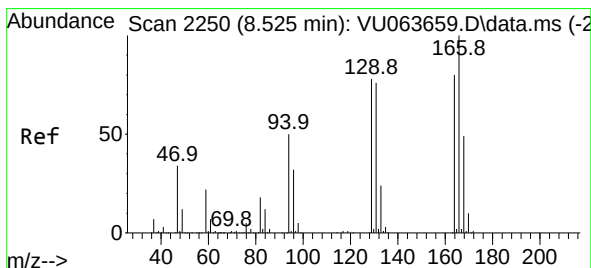
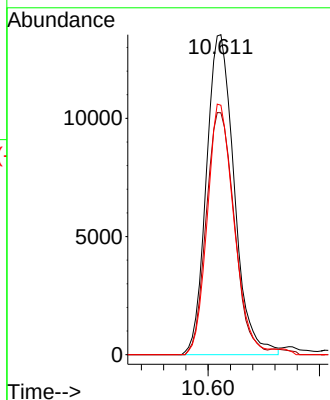
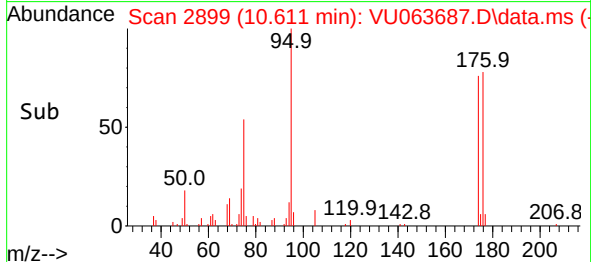
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 23524
Ion Ratio Lower Upper
95 100
174 76.2 59.9 89.9
176 75.6 58.8 88.2

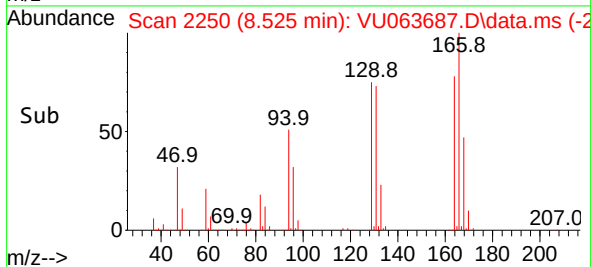
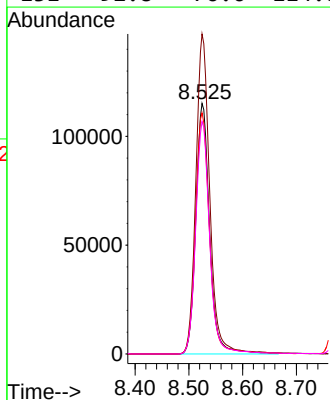
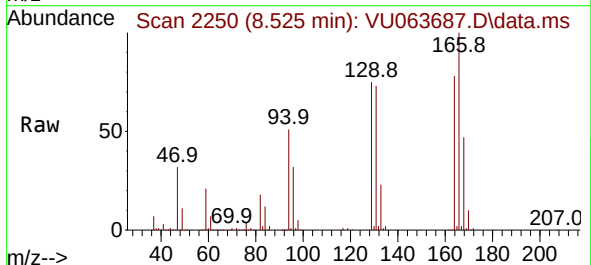
Manual Integrations
APPROVED

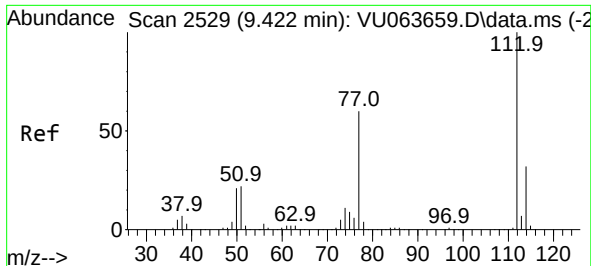
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 10.785 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

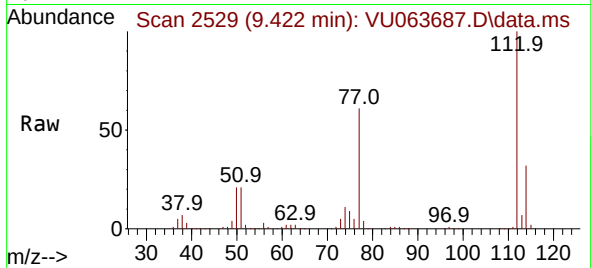
Tgt Ion:164 Resp: 205935
Ion Ratio Lower Upper
164 100
166 127.7 100.1 150.1
129 96.3 77.6 116.4
131 92.8 76.6 114.8





#59
Chlorobenzene
Concen: 10.236 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

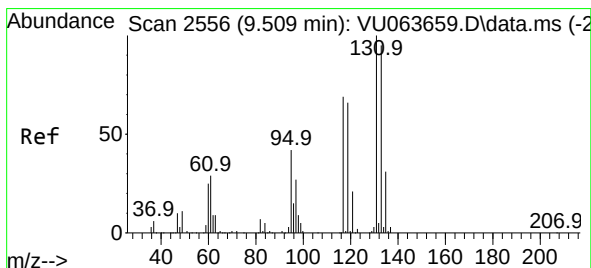
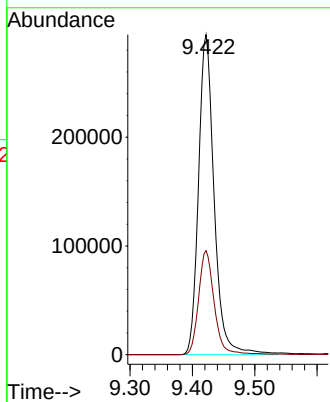
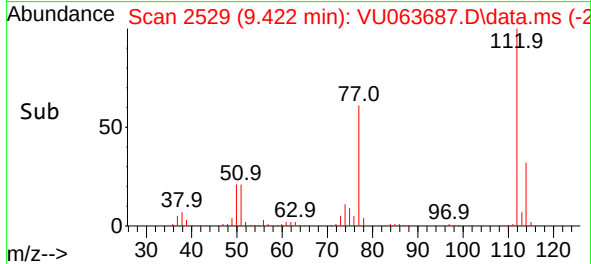
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



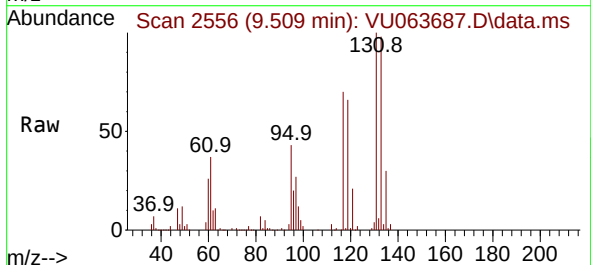
Tgt Ion:112 Resp: 512775
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

Manual Integrations
APPROVED

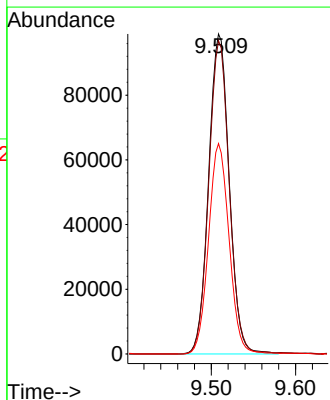
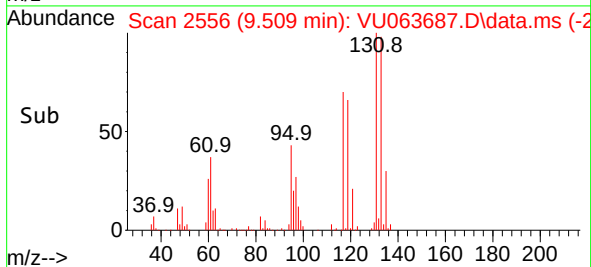
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

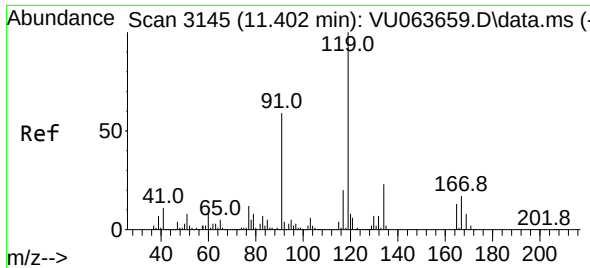


#60
1,1,1,2-Tetrachloroethane
Concen: 9.588 ug/l
RT: 9.509 min Scan# 2556
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion:131 Resp: 168160
Ion Ratio Lower Upper
131 100
133 96.9 77.0 115.6
119 65.6 52.8 79.2





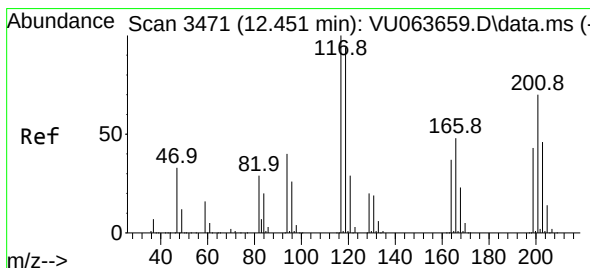
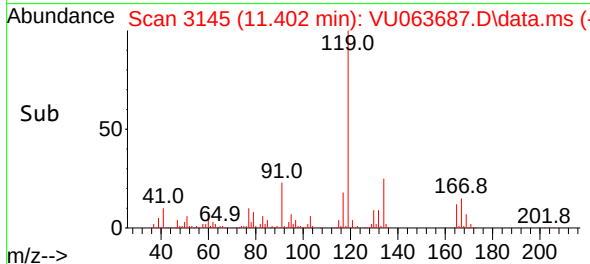
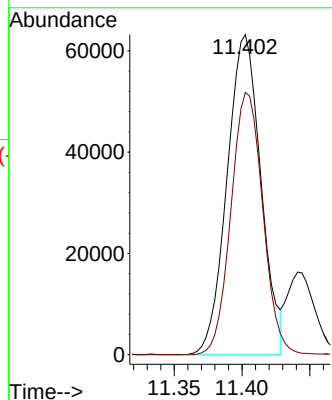
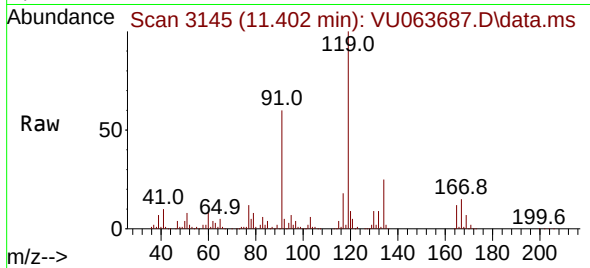
#61
Pentachloroethane
Concen: 9.009 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 10959
Ion Ratio Lower Upper
117 100
167 77.3 62.8 94.2

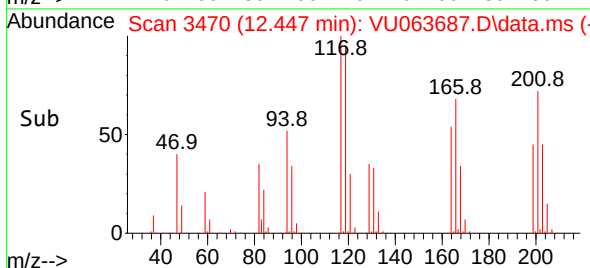
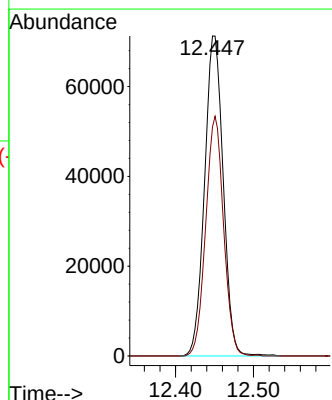
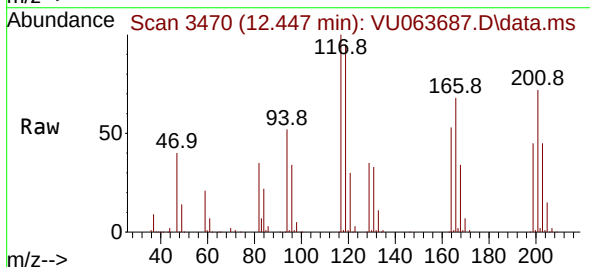
Manual Integrations
APPROVED

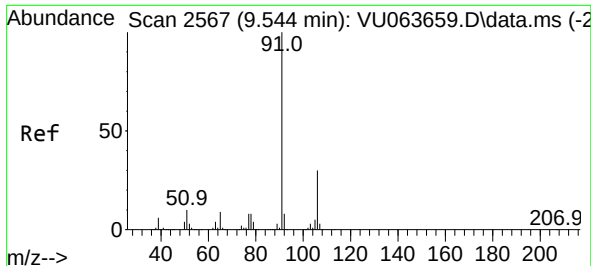
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
Hexachloroethane
Concen: 8.890 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Tgt Ion:117 Resp: 118555
Ion Ratio Lower Upper
117 100
201 71.9 56.3 84.5





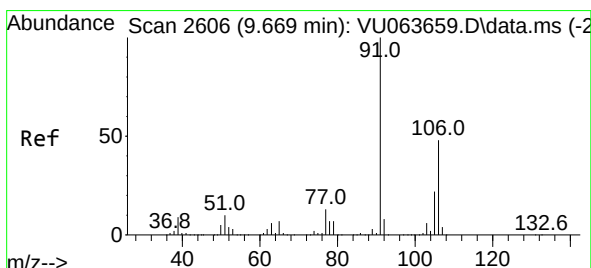
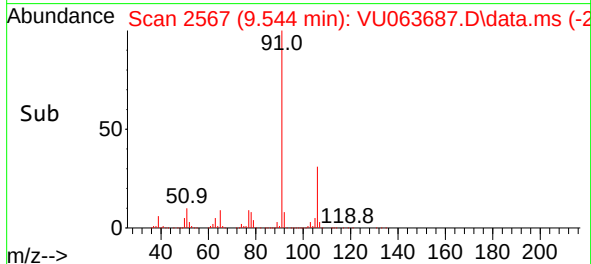
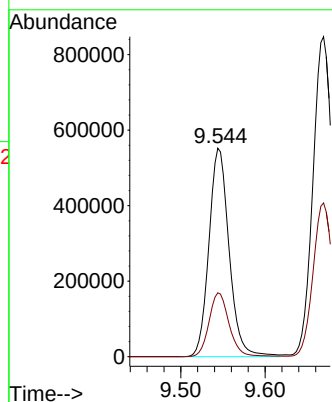
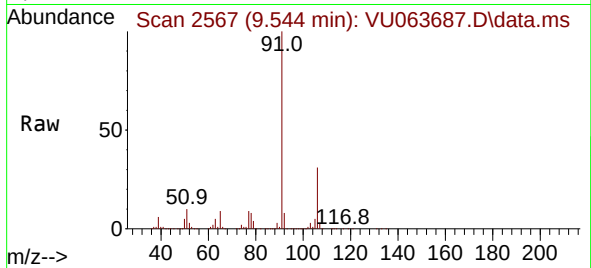
#63
Ethyl Benzene
Concen: 10.138 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 919869
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

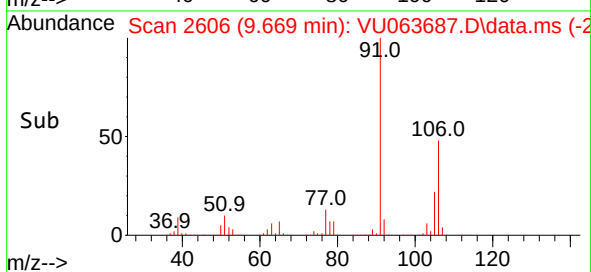
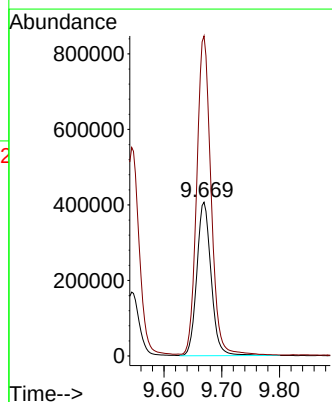
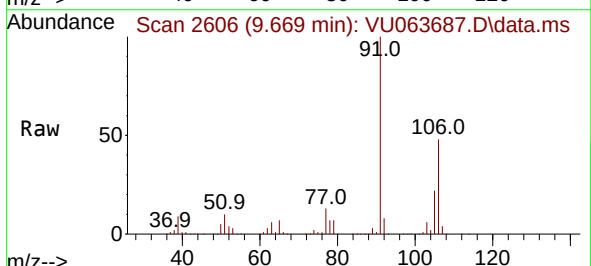
Manual Integrations
APPROVED

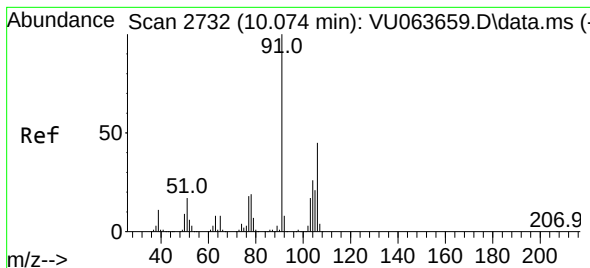
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 20.641 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

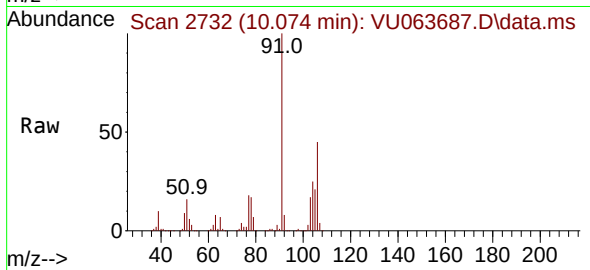
Tgt Ion:106 Resp: 699159
Ion Ratio Lower Upper
106 100
91 208.6 167.0 250.4





#65
o-Xylene
Concen: 10.210 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

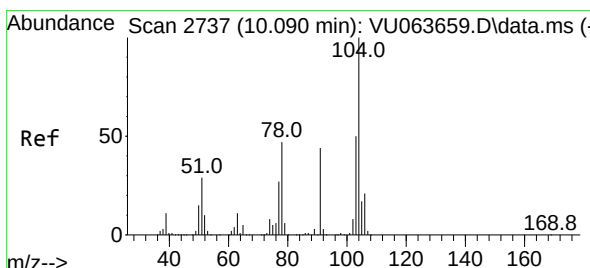
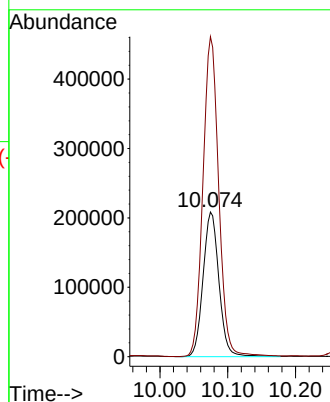
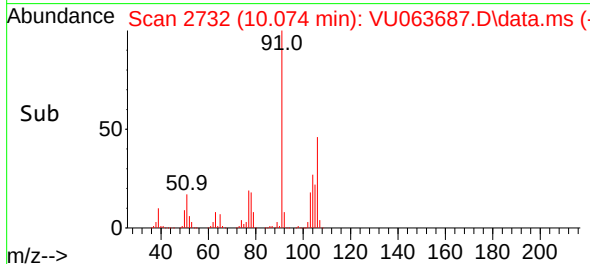
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



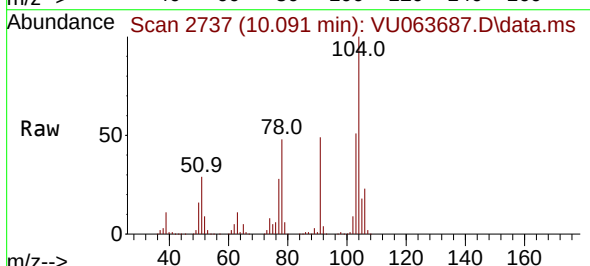
Tgt Ion:106 Resp: 33888
Ion Ratio Lower Upper
106 100
91 219.5 109.3 327.9

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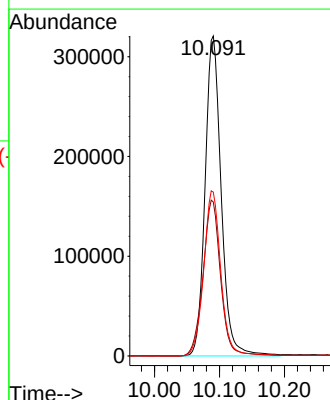
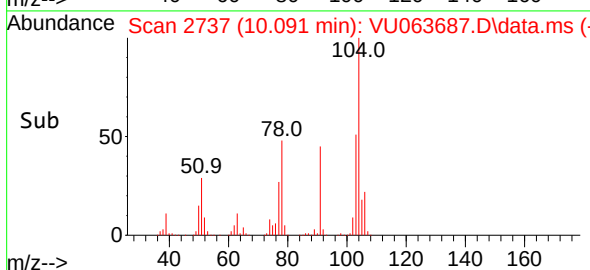
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

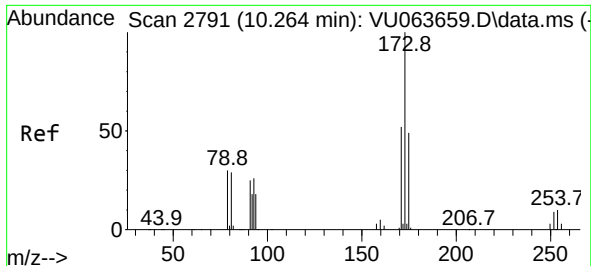


#66
Styrene
Concen: 10.317 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



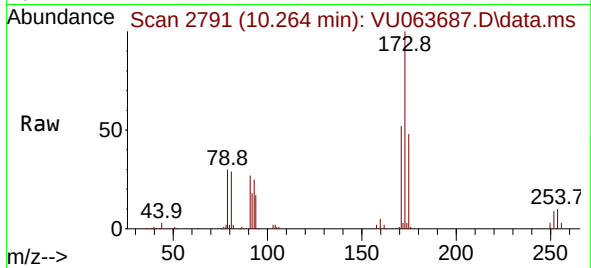
Tgt Ion:104 Resp: 555519
Ion Ratio Lower Upper
104 100
78 53.1 42.8 64.2
103 55.1 43.9 65.9





#67
Bromoform
Concen: 8.776 ug/l
RT: 10.264 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

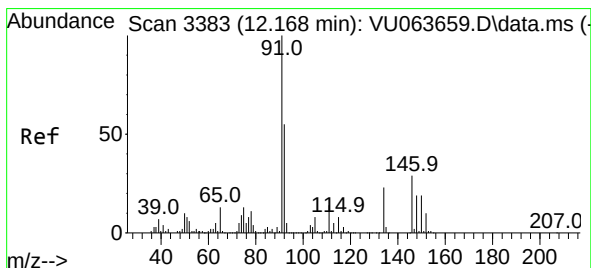
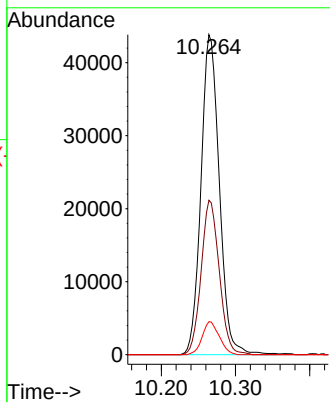
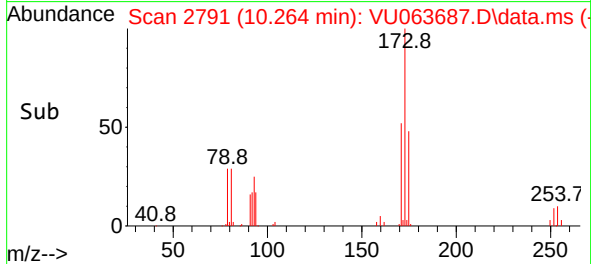
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



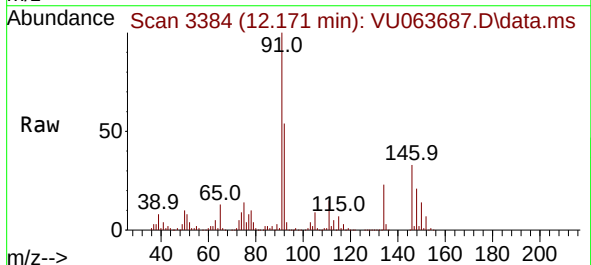
Tgt Ion:173 Resp: 75210
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.4
254 9.6 7.4 11.0

Manual Integrations
APPROVED

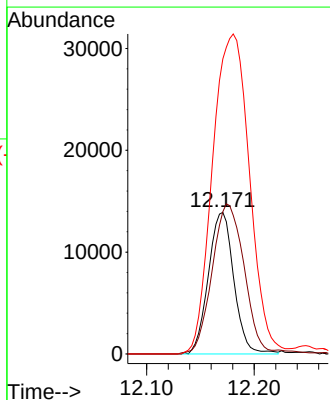
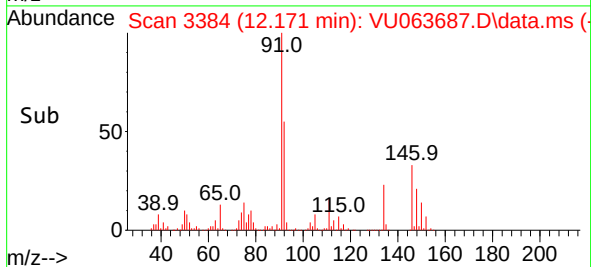
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

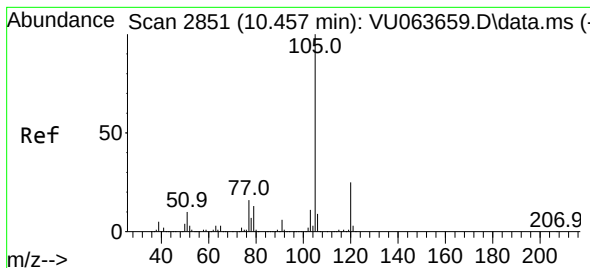


#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion:152 Resp: 22890
Ion Ratio Lower Upper
152 100
115 134.6 0.0 247.2
150 327.6 0.0 643.6





#69

Isopropylbenzene

Concen: 10.202 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 83626

Ion Ratio Lower Upper

105 100

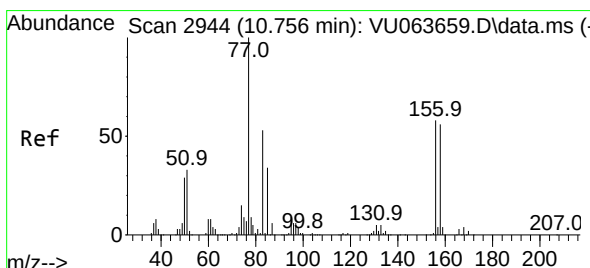
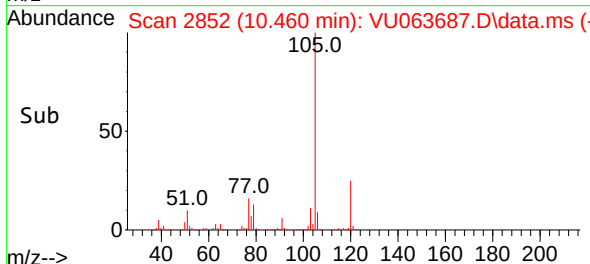
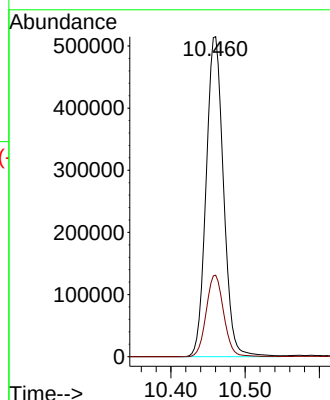
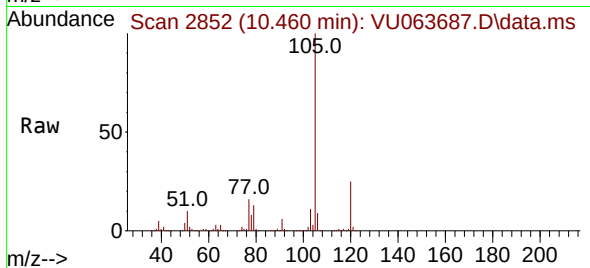
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.058 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063687.D

Acq: 07 Nov 2025 15:45

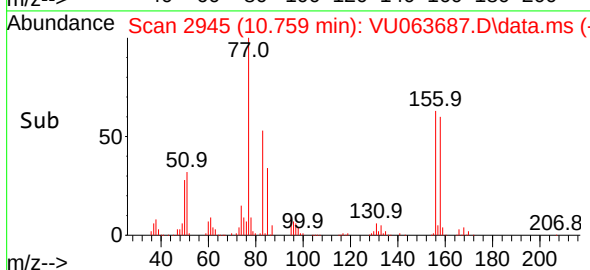
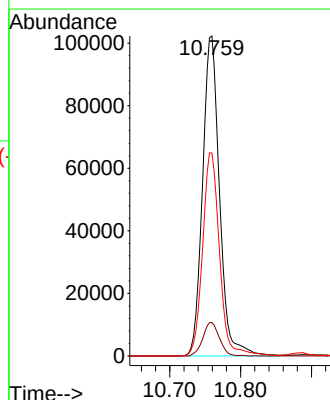
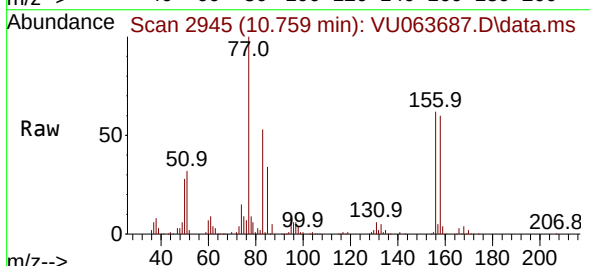
Tgt Ion: 83 Resp: 170297

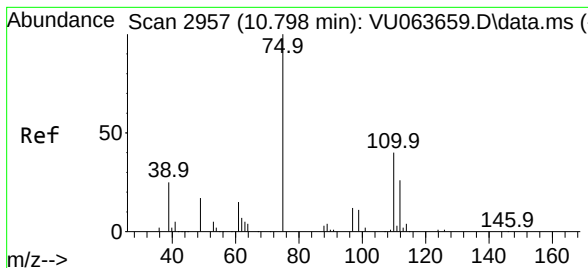
Ion Ratio Lower Upper

83 100

131 10.1 8.1 12.1

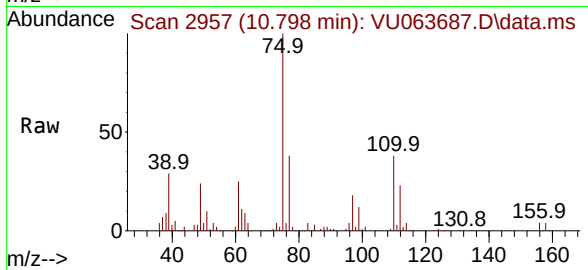
85 63.2 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 8.614 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

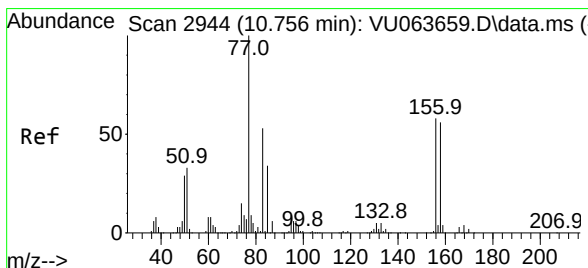
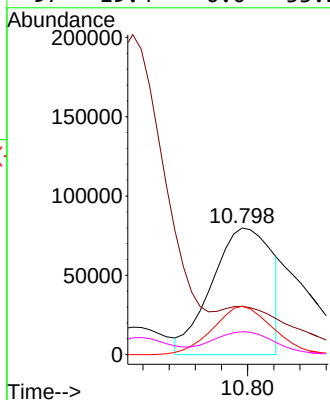
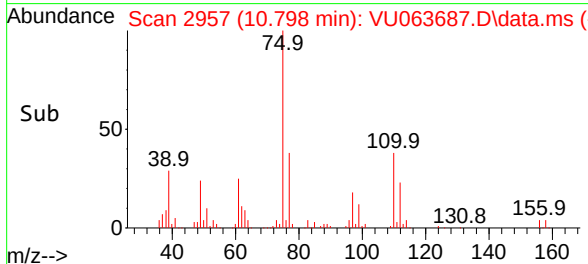
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



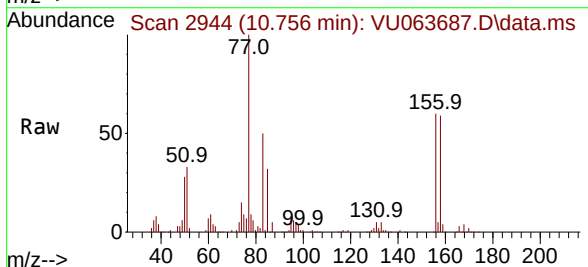
Tgt Ion: 75 Resp: 126908
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 39.0 0.0 66.4
97 19.4 0.0 33.2

Manual Integrations
APPROVED

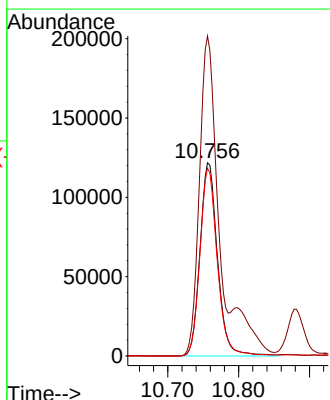
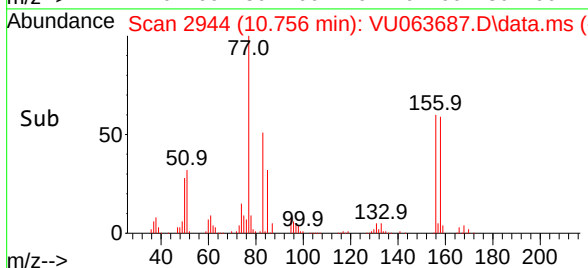
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

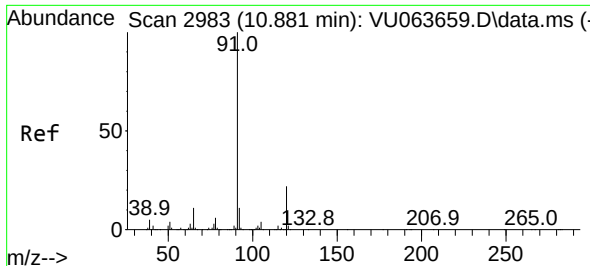


#72
Bromobenzene
Concen: 10.557 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion:156 Resp: 209281
Ion Ratio Lower Upper
156 100
77 161.3 0.0 337.2
158 96.1 0.0 191.8





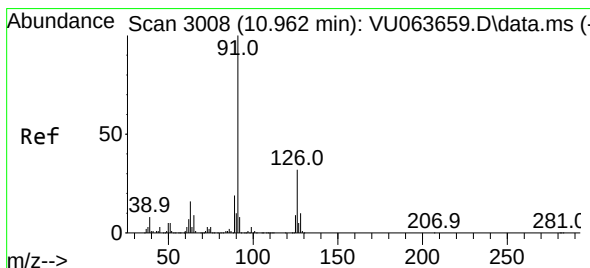
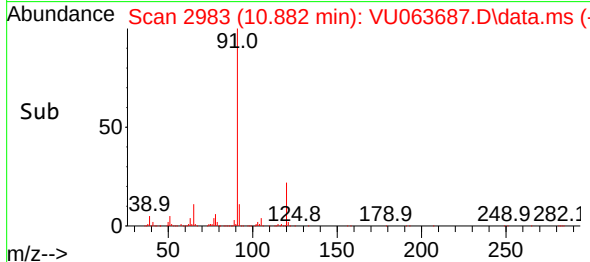
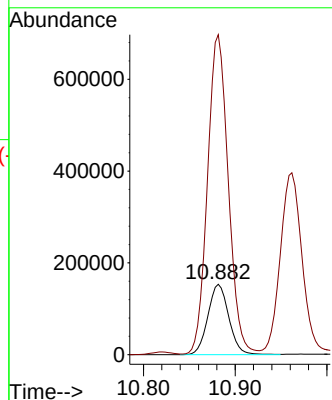
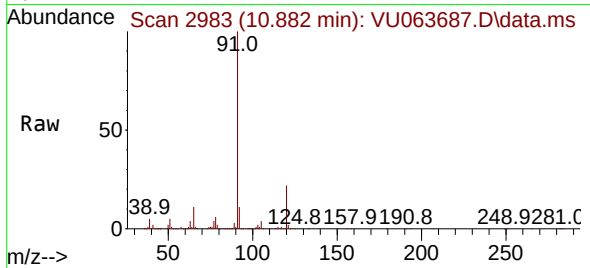
#73
n-propylbenzene
Concen: 10.438 ug/l
RT: 10.882 min Scan# 2983
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 243135
Ion Ratio Lower Upper
120 100
91 450.1 361.4 542.2

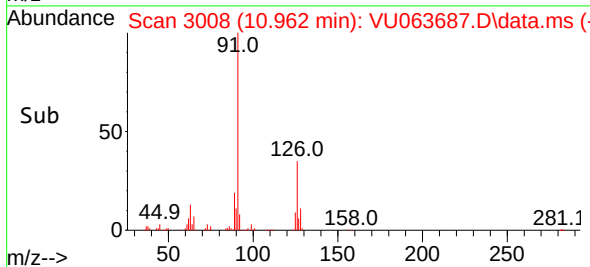
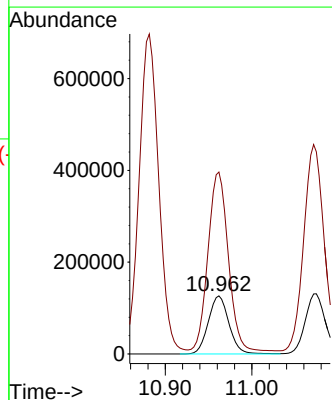
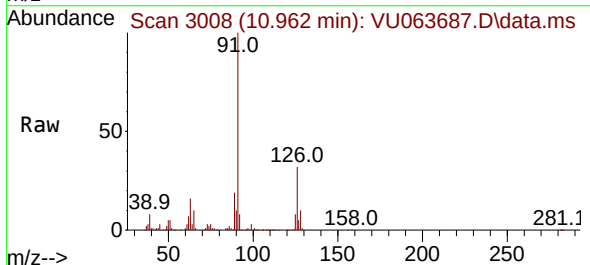
Manual Integrations
APPROVED

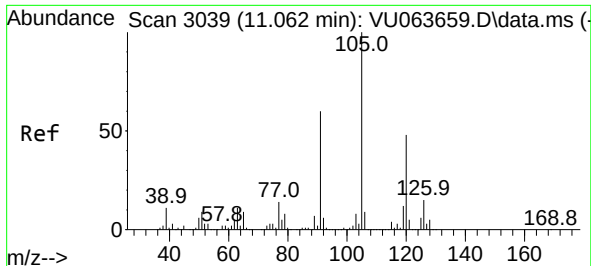
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 10.355 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

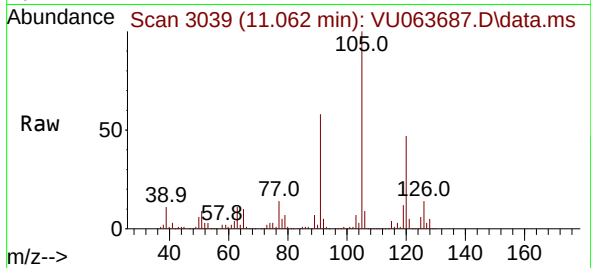
Tgt Ion:126 Resp: 209053
Ion Ratio Lower Upper
126 100
91 314.2 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 10.283 ug/l
RT: 11.062 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

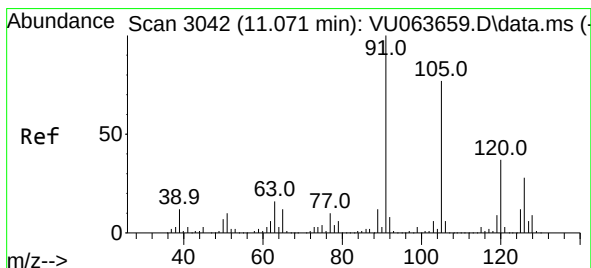
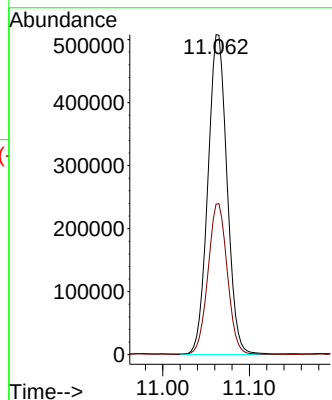
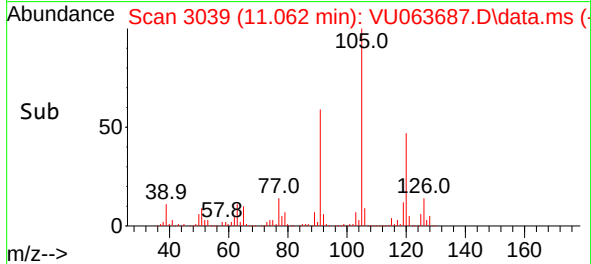
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



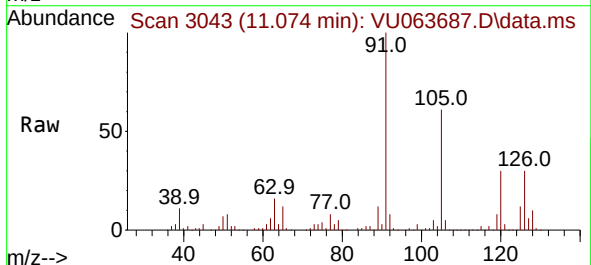
Tgt Ion:105 Resp: 779430
Ion Ratio Lower Upper
105 100
120 47.5 38.2 57.2

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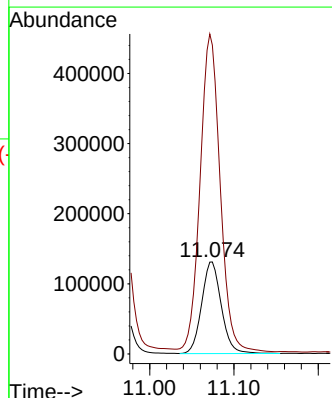
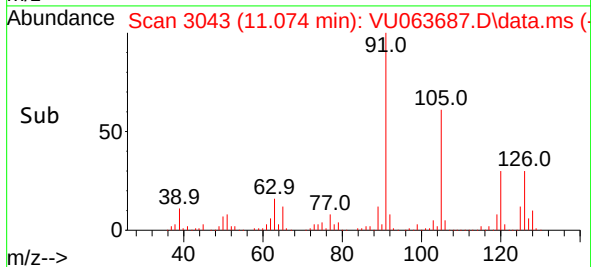
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

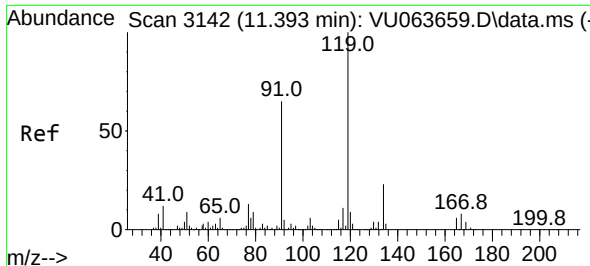


#76
4-Chlorotoluene
Concen: 10.459 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



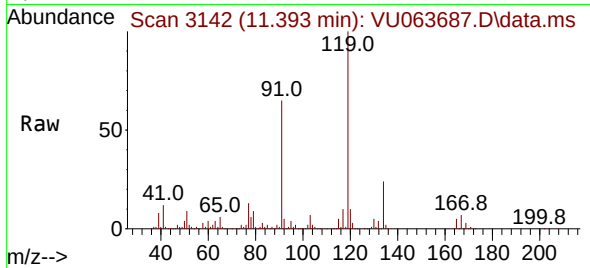
Tgt Ion:126 Resp: 211989
Ion Ratio Lower Upper
126 100
91 354.9 0.0 716.6





#77
tert-Butylbenzene
Concen: 9.988 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

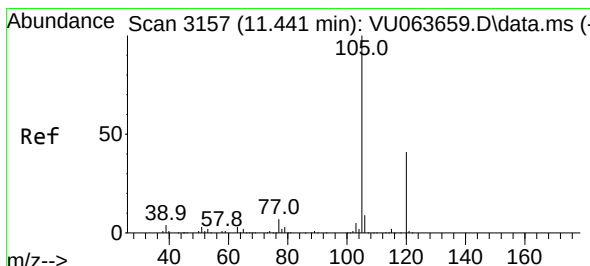
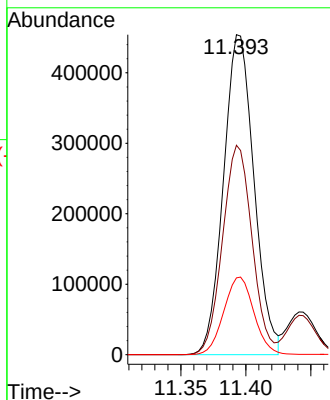
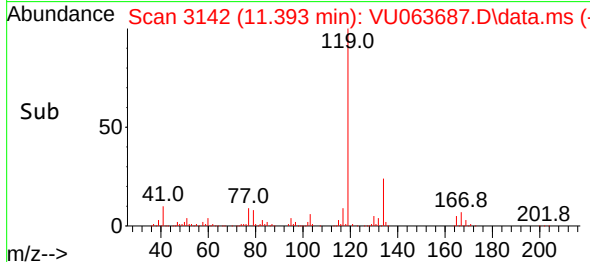
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 741699
Ion Ratio Lower Upper
119 100
91 63.2 31.3 93.8
134 24.0 18.7 28.1

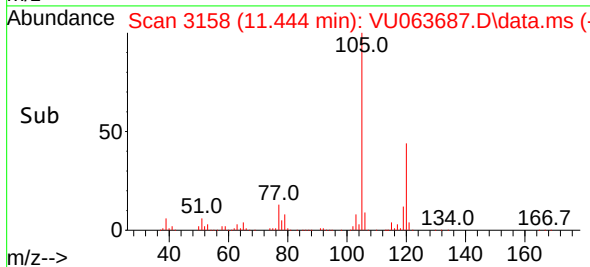
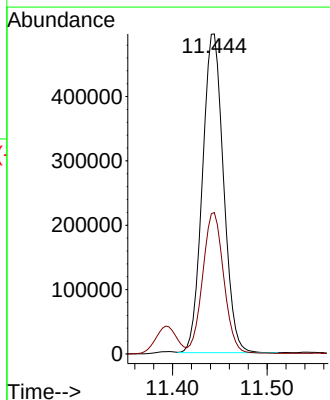
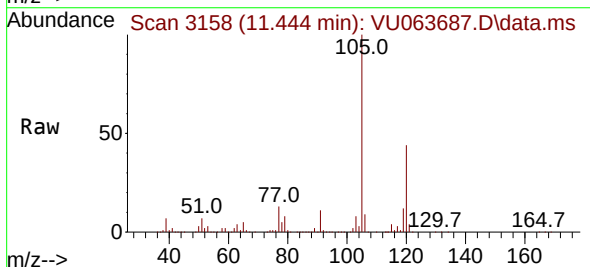
Manual Integrations
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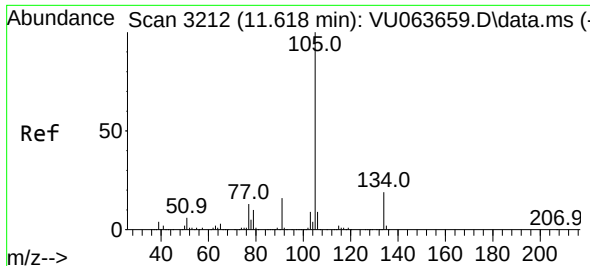
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
1,2,4-Trimethylbenzene
Concen: 10.546 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

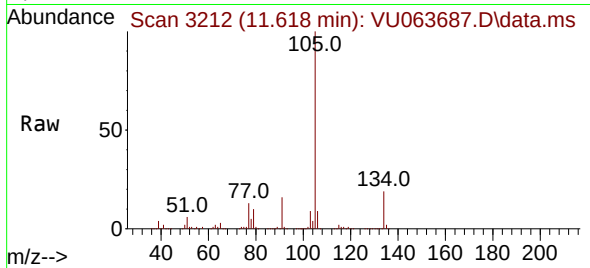
Tgt Ion:105 Resp: 767211
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 10.295 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45

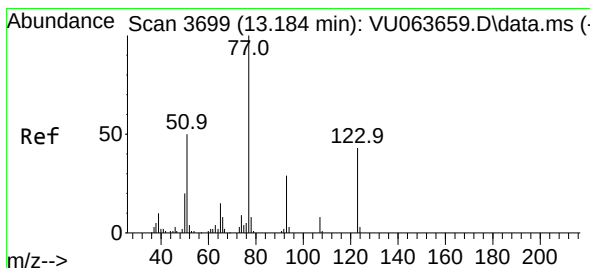
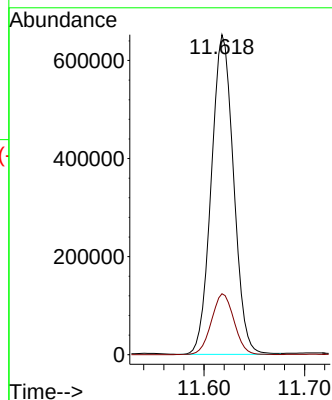
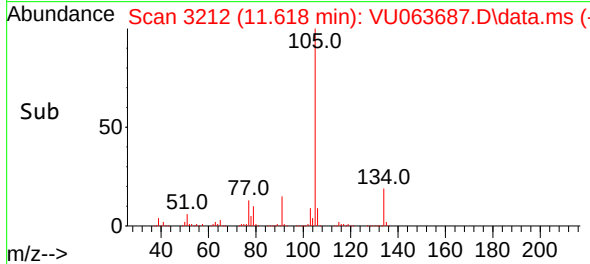
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



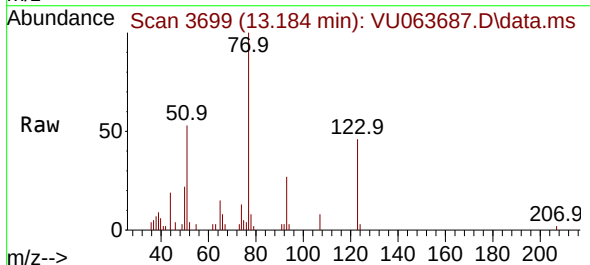
Tgt Ion:105 Resp: 100568
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

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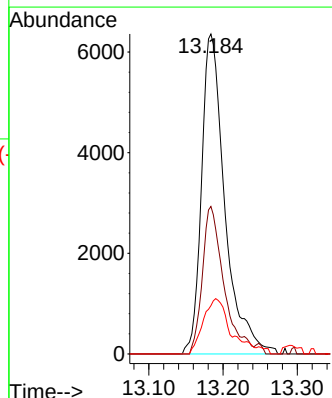
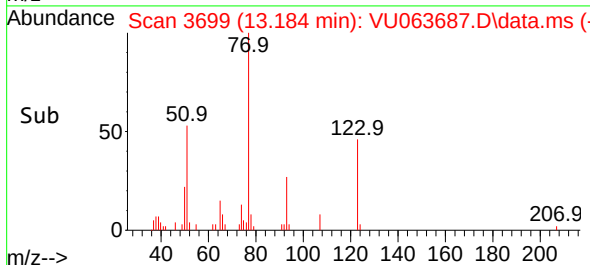
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

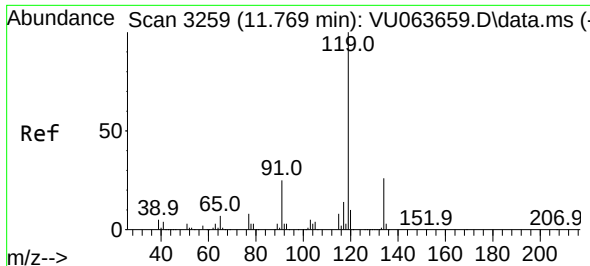


#80
 Nitrobenzene
 Concen: 23.309 ug/l
 RT: 13.184 min Scan# 3699
 Delta R.T. 0.000 min
 Lab File: VU063687.D
 Acq: 07 Nov 2025 15:45



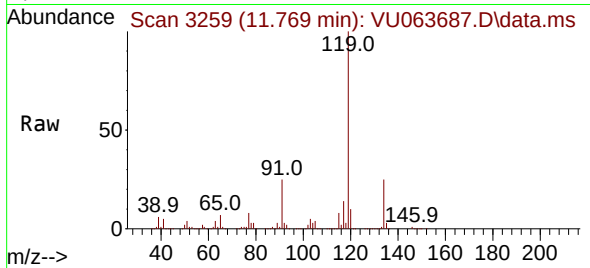
Tgt Ion: 77 Resp: 13880
 Ion Ratio Lower Upper
 77 100
 123 39.7 18.2 64.4
 65 17.7 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 10.367 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

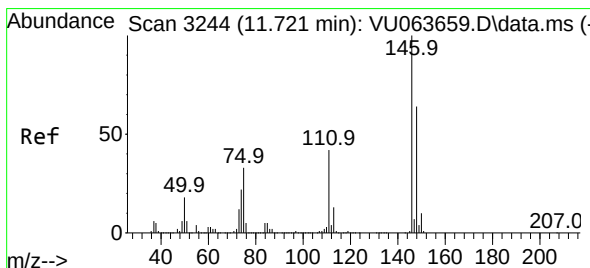
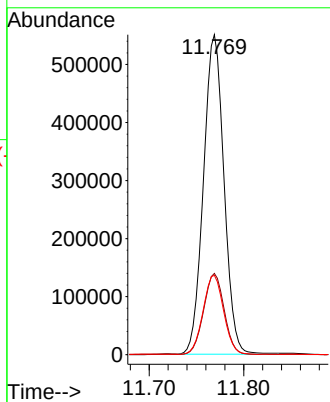
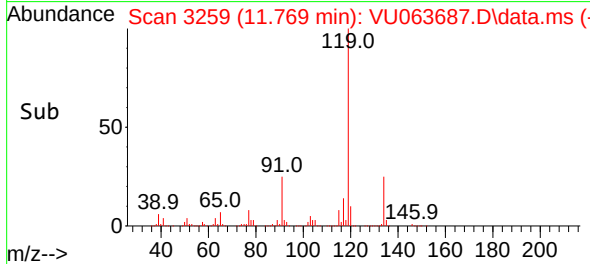
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



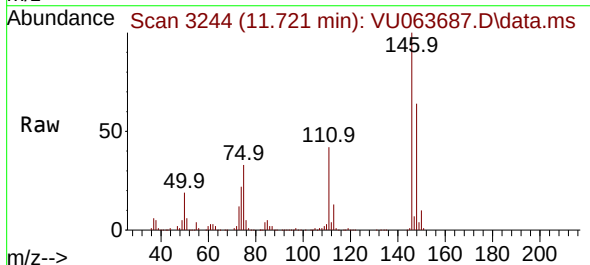
Tgt Ion:119 Resp: 829227
Ion Ratio Lower Upper
119 100
134 25.1 20.3 30.5
91 24.7 20.1 30.1

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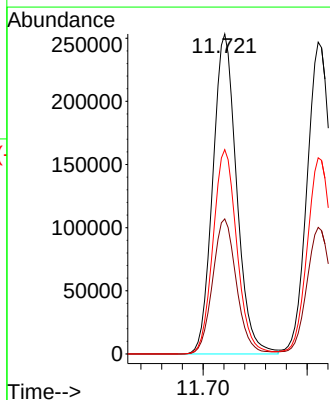
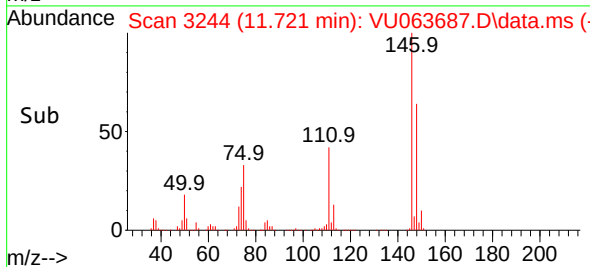
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

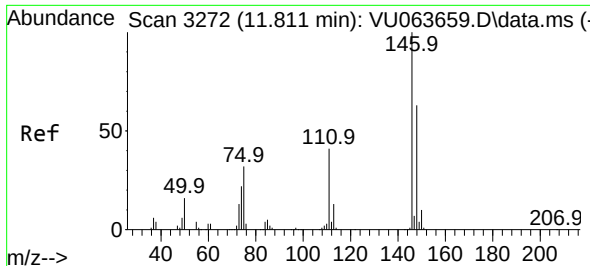


#82
1,3-Dichlorobenzene
Concen: 10.528 ug/l
RT: 11.721 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



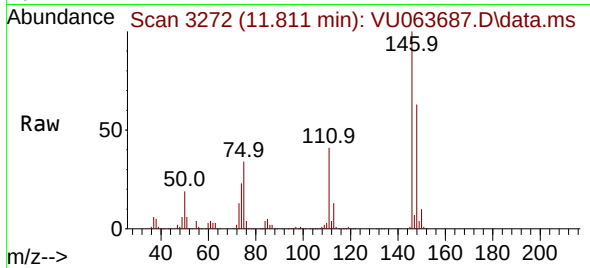
Tgt Ion:146 Resp: 404214
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.8
148 63.9 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 10.579 ug/l
RT: 11.811 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

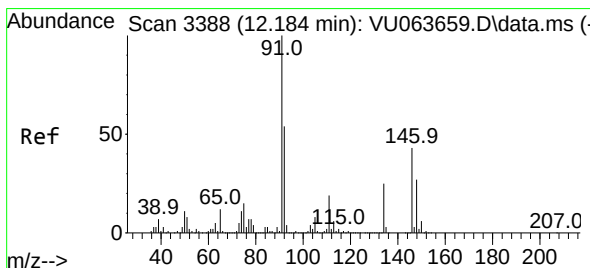
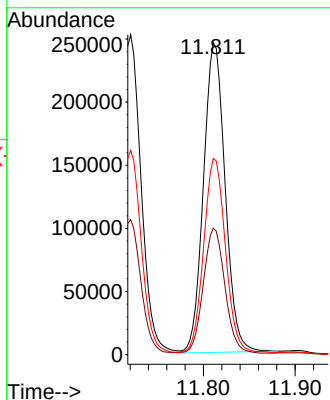
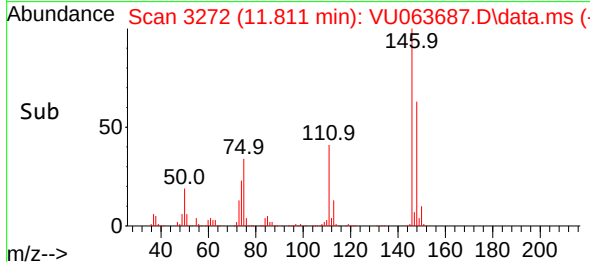
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



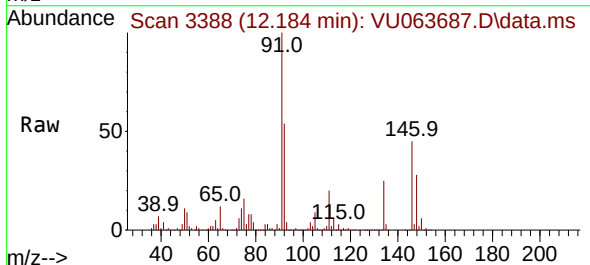
Tgt Ion:146 Resp: 40358
Ion Ratio Lower Upper
146 100
111 40.4 33.0 49.4
148 63.4 50.6 76.0

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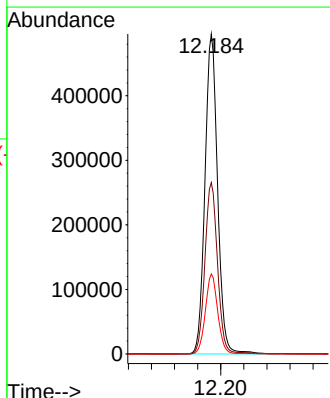
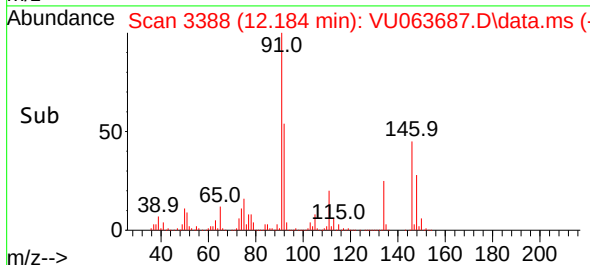
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

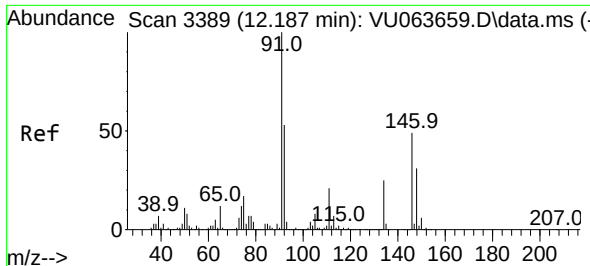


#84
n-Butylbenzene
Concen: 10.479 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



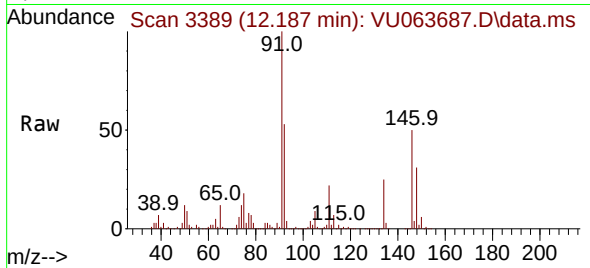
Tgt Ion: 91 Resp: 751256
Ion Ratio Lower Upper
91 100
92 53.8 43.1 64.7
134 24.7 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 10.524 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

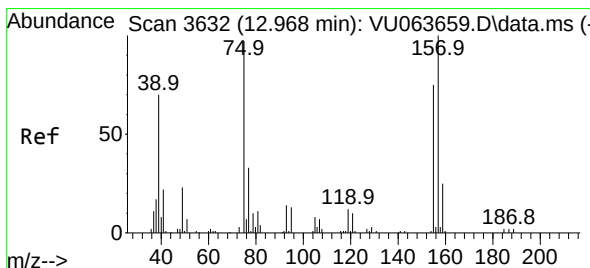
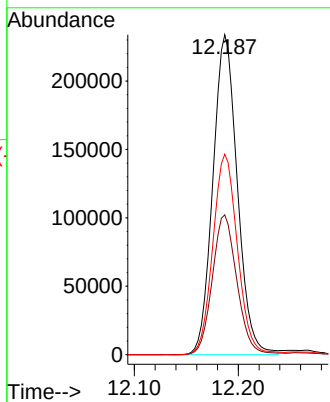
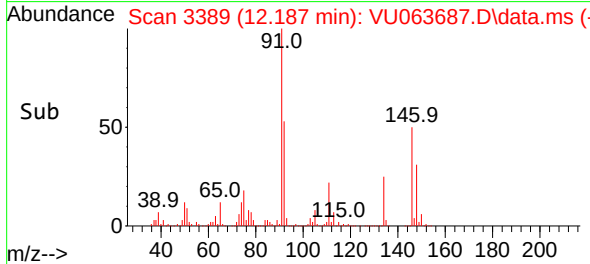
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



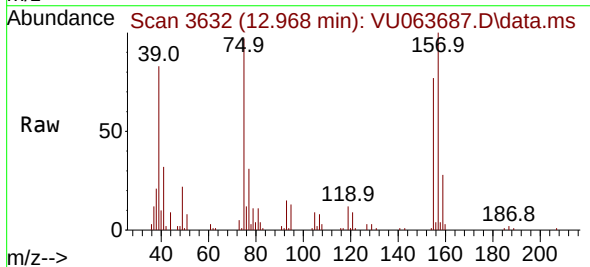
Tgt Ion:146 Resp: 38215
Ion Ratio Lower Upper
146 100
111 43.9 22.2 66.6
148 63.3 31.9 95.5

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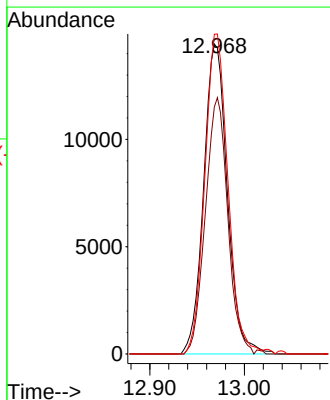
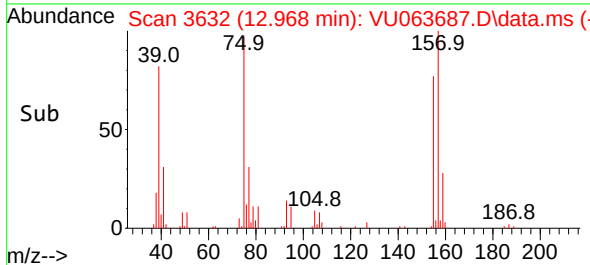
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

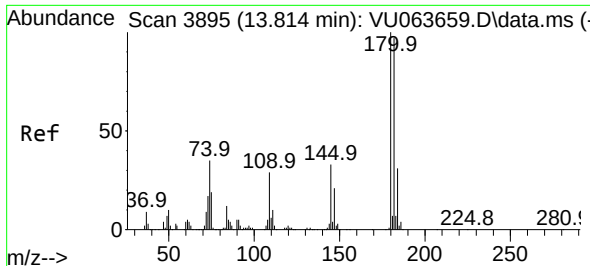


#86
1,2-Dibromo-3-Chloropropane
Concen: 8.974 ug/l
RT: 12.968 min Scan# 3632
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



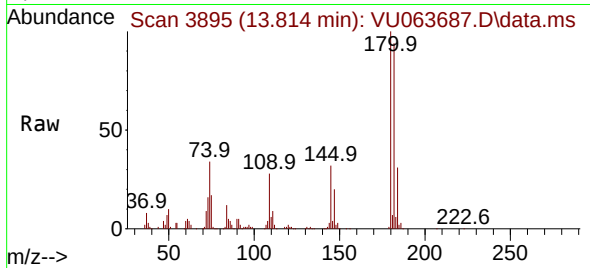
Tgt Ion: 75 Resp: 25177
Ion Ratio Lower Upper
75 100
155 78.3 62.2 93.4
157 100.7 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 10.679 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

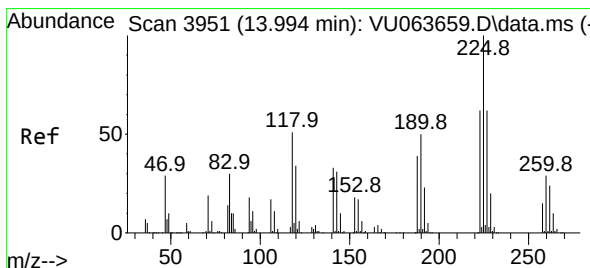
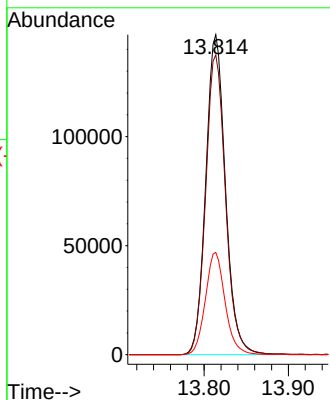
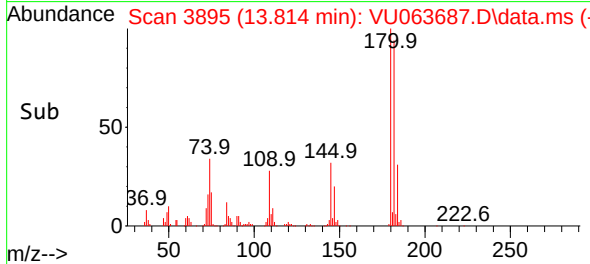
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



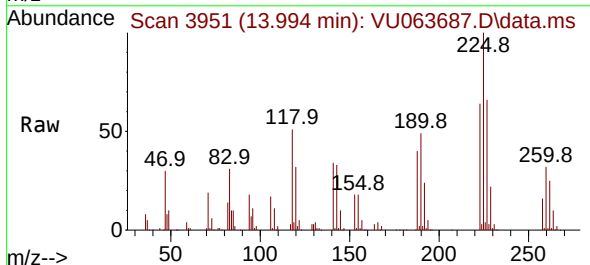
Tgt Ion:180 Resp: 23890
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 32.0 26.2 39.2

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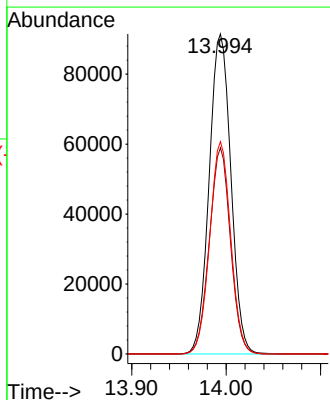
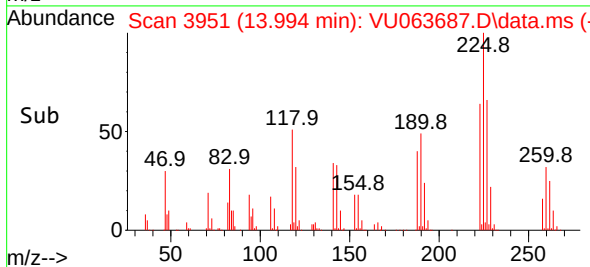
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

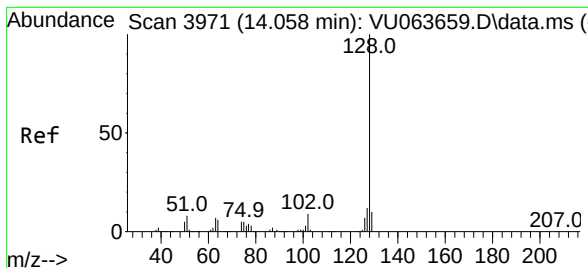


#88
Hexachlorobutadiene
Concen: 10.956 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



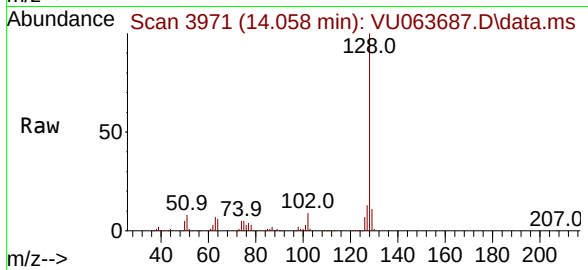
Tgt Ion:225 Resp: 145920
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.4
227 64.2 50.0 75.0





#89
Naphthalene
Concen: 9.269 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45

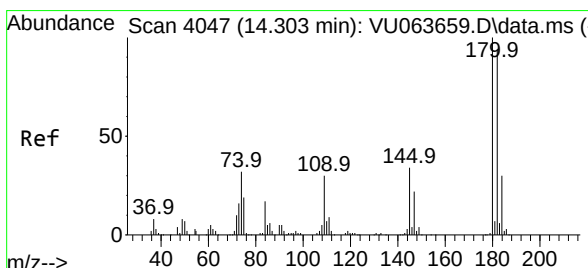
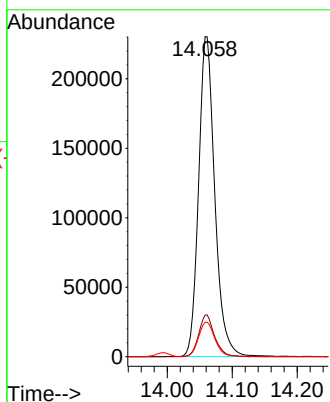
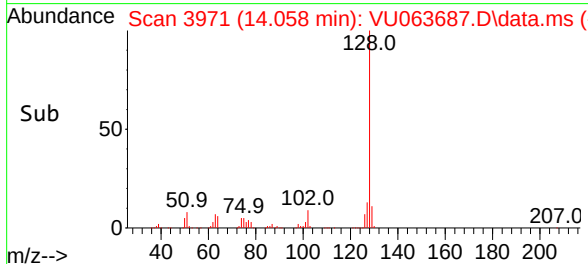
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



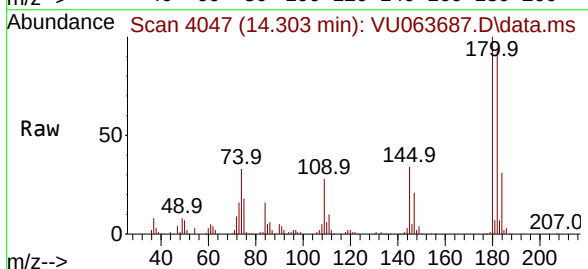
Tgt Ion:128 Resp: 398932
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 10.786 ug/l
RT: 14.303 min Scan# 4047
Delta R.T. 0.000 min
Lab File: VU063687.D
Acq: 07 Nov 2025 15:45



Tgt Ion:180 Resp: 220599
Ion Ratio Lower Upper
180 100
182 93.0 75.4 113.0
145 32.8 27.4 41.2

