

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063669.D
 Acq On : 05 Nov 2025 12:46
 Operator : MD/SY
 Sample : VU1105WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 04:00:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	56396	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	24417	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	22127	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	39499	1.861	ug/l	99
3) Chloromethane	1.509	50	38829	1.945	ug/l	98
4) Vinyl Chloride	1.589	62	40278	1.984	ug/l	96
5) Bromomethane	1.820	94	24827	2.023	ug/l	92
6) Chloroethane	1.904	64	25356	2.035	ug/l	99
7) Trichlorofluoromethane	2.113	101	59641	2.020	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	31478	2.005	ug/l	99
9) 1,1-Dichloroethene	2.554	96	31445	2.068	ug/l	99
10) Iodomethane	2.692	142	39857	1.765	ug/l	99
11) Allyl Chloride	2.891	41	45972	1.936	ug/l	100
12) Acrylonitrile	3.287	53	14244	3.787	ug/l	90
13) Acetone	2.605	43	53865	8.108	ug/l	96
14) Carbon Disulfide	2.763	76	81822	1.910	ug/l	99
15) Methylene Chloride	3.010	84	36797	1.883	ug/l	95
16) trans-1,2-Dichloroethene	3.316	96	33435	1.994	ug/l	99
17) 1,1-Dichloroethane	3.830	63	66231	1.994	ug/l	98
18) 2-Butanone	4.692	43	61814	8.771	ug/l	100
19) Cyclohexane	5.341	56	50530	1.991	ug/l	98
20) Methylcyclohexane	6.724	83	61901	1.959	ug/l	96
21) 2,2-Dichloropropane	4.624	77	57670	1.935	ug/l	97
22) cis-1,2-Dichloroethene	4.627	96	38974	2.041	ug/l	97
23) Diethyl Ether	2.357	59	24508	1.967	ug/l	95
24) tert-Butyl Alcohol	3.174	59	30147	14.038	ug/l #	92
25) Methyl tert-Butyl Ether	3.341	73	90887	2.040	ug/l	99
26) Bromochloromethane	4.936	128	16308	2.025	ug/l	99
27) Chloroform	5.052	83	69317	2.040	ug/l	99
28) 1,1,1-Trichloroethane	5.277	97	59358	1.981	ug/l	100
29) 1,1-Dichloropropene	5.483	75	49352	1.962	ug/l	98
30) Carbon Tetrachloride	5.479	117	45854	1.933	ug/l	99
31) Isopropyl Ether	3.968	45	108161	2.056	ug/l	99
32) Ethyl-t-butyl ether	4.479	59	101978	2.012	ug/l	99
33) Tert-Amyl methyl ether	5.920	73	91235	2.067	ug/l	98
34) Propionitrile	4.750	54	14466	10.505	ug/l #	88
35) Benzene	5.737	78	144601	2.039	ug/l	99
36) 1,2-Dichloroethane	5.762	62	46900	2.060	ug/l	100
37) Trichloroethene	6.508	130	40818	2.020	ug/l	98
38) 1,2-Dichloropropane	6.762	63	38951	1.963	ug/l	99
39) Methacrylonitrile	4.952	41	12761	1.862	ug/l	95
40) Methyl acrylate	4.824	55	18912	1.900	ug/l #	94
41) Tetrahydrofuran	5.039	42	13119	4.253	ug/l	95
42) 1-Chlorobutane	5.418	56	66099	1.960	ug/l	99
43) Dibromomethane	6.891	93	20832	2.029	ug/l	98
44) Bromodichloromethane	7.077	83	46314	1.845	ug/l #	98

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 Sample : VU1105WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Nov 06 04:00:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.778	43	115881	9.360	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	15114m	3.520	ug/l	
47) Methyl methacrylate	6.946	69	37969	4.020	ug/l	95
48) Ethyl methacrylate	8.315	69	35673	1.857	ug/l	98
49) Toluene	7.942	92	95005	1.986	ug/l	98
50) t-1,3-Dichloropropene	8.187	75	40318	1.848	ug/l	99
51) cis-1,3-Dichloropropene	7.582	75	49923	1.829	ug/l	99
52) 1,1,2-Trichloroethane	8.376	97	28221	2.022	ug/l	99
53) 1,3-Dichloropropane	8.550	76	49601	1.989	ug/l	97
54) 2-Hexanone	8.669	43	87609	8.382	ug/l	100
55) Dibromochloromethane	8.785	129	30386	1.849	ug/l	97
56) 1,2-Dibromoethane	8.901	107	26169	1.970	ug/l	98
58) Tetrachloroethene	8.524	164	39551	2.000	ug/l	98
59) Chlorobenzene	9.421	112	104637	2.018	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.508	131	34638	1.908	ug/l	98
61) Pentachloroethane	11.399	117	23245	1.845	ug/l	99
62) Hexachloroethane	12.450	117	23718	1.718	ug/l	98
63) Ethyl Benzene	9.544	91	184158	1.960	ug/l	99
64) m/p-Xylenes	9.669	106	137992	3.935	ug/l	98
65) o-Xylene	10.074	106	69685	2.028	ug/l	98
66) Styrene	10.090	104	109136	1.958	ug/l	97
67) Bromoform	10.264	173	15648	1.764	ug/l	100
69) Isopropylbenzene	10.460	105	169082	1.992	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	35118	2.003	ug/l	98
71) 1,2,3-Trichloropropane	10.798	75	27939m	1.832	ug/l	
72) Bromobenzene	10.759	156	40692	1.983	ug/l	99
73) n-propylbenzene	10.881	120	47366	1.964	ug/l	99
74) 2-Chlorotoluene	10.962	126	42138	2.016	ug/l	97
75) 1,3,5-Trimethylbenzene	11.064	105	155925	1.987	ug/l	98
76) 4-Chlorotoluene	11.074	126	42442	2.022	ug/l	95
77) tert-Butylbenzene	11.396	119	151844	1.975	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	150383	1.997	ug/l	98
79) sec-Butylbenzene	11.617	105	201231	1.990	ug/l	99
80) Nitrobenzene	13.193	77	3713	6.022	ug/l	93
81) p-Isopropyltoluene	11.769	119	160153	1.934	ug/l	100
82) 1,3-Dichlorobenzene	11.720	146	80101	2.015	ug/l	100
83) 1,4-Dichlorobenzene	11.814	146	78951	1.999	ug/l	99
84) n-Butylbenzene	12.183	91	140743	1.896	ug/l	98
85) 1,2-Dichlorobenzene	12.187	146	75350	2.004	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.971	75	5060	1.742	ug/l	97
87) 1,2,4-Trichlorobenzene	13.814	180	47258	2.040	ug/l	99
88) Hexachlorobutadiene	13.994	225	27778	2.014	ug/l	99
89) Naphthalene	14.064	128	90350	2.028	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	43714	2.064	ug/l	98

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

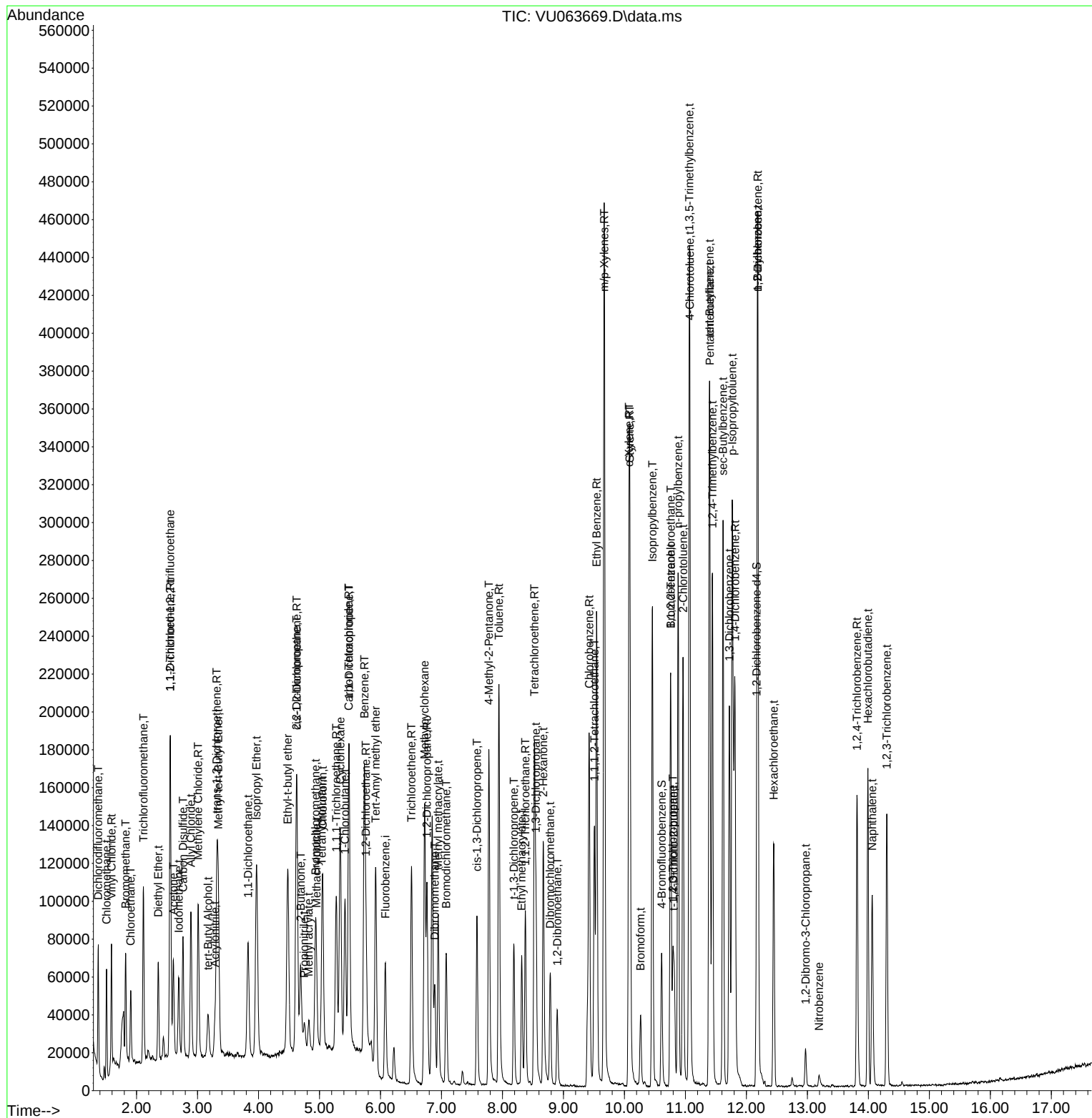
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Data File : VU063669.D
Acq On : 05 Nov 2025 12:46
Operator : MD/SY
Sample : VU1105WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

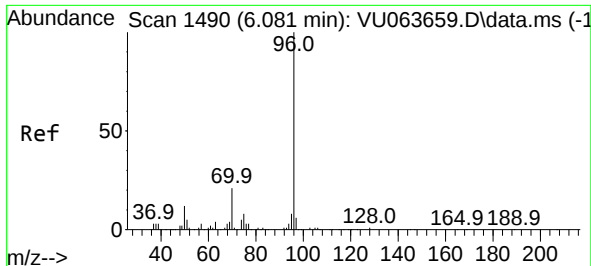
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 11/12/2025

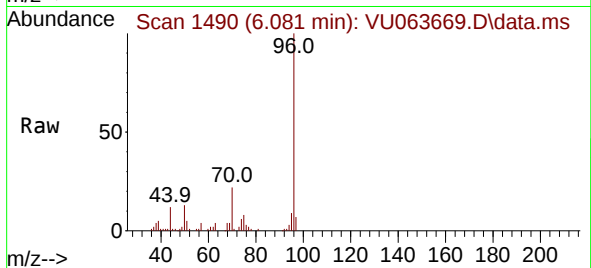
Quant Time: Nov 06 04:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

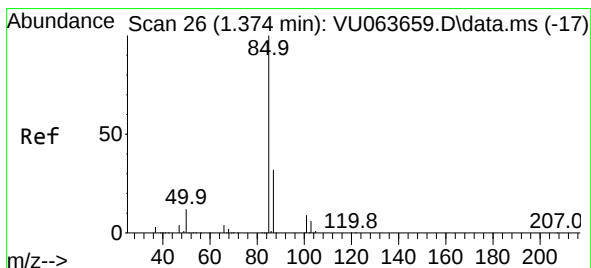
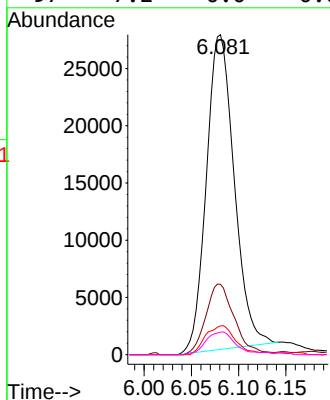
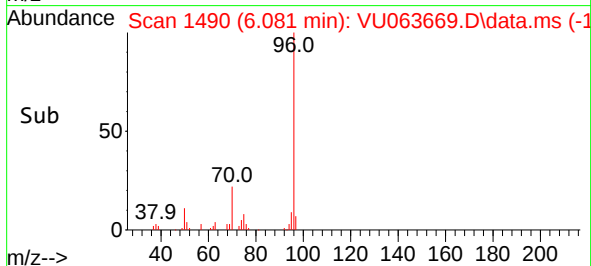
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



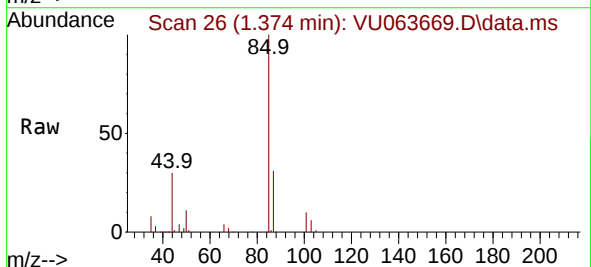
Tgt Ion: 96 Resp: 56390
Ion Ratio Lower Upper
96 100
70 22.0 15.3 22.9
95 9.1 6.5 9.7
97 7.2 0.0 0.0#

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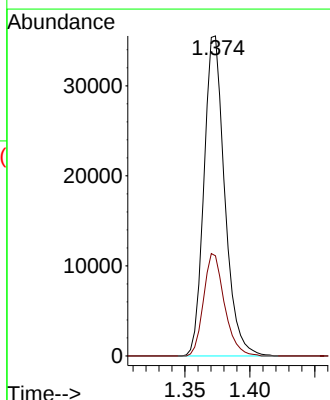
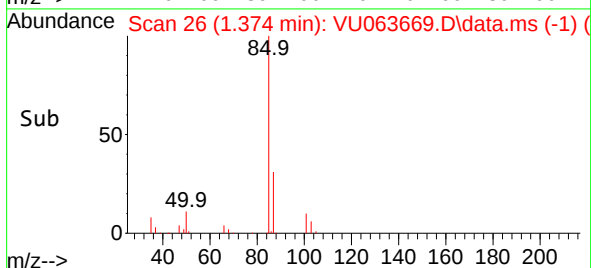
Reviewed By :John Carlone 11/12/2025
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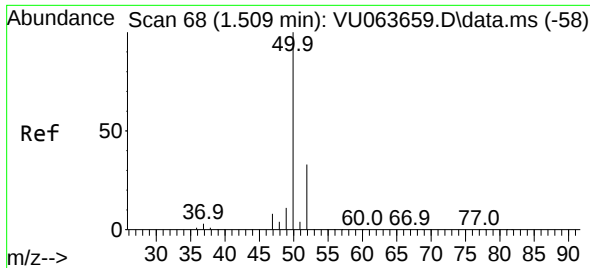


#2
Dichlorodifluoromethane
Concen: 1.861 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



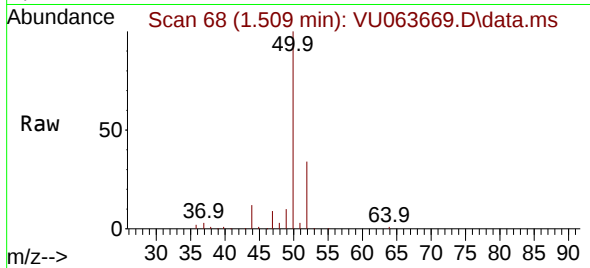
Tgt Ion: 85 Resp: 39499
Ion Ratio Lower Upper
85 100
87 31.3 16.0 47.9





#3
Chloromethane
Concen: 1.945 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

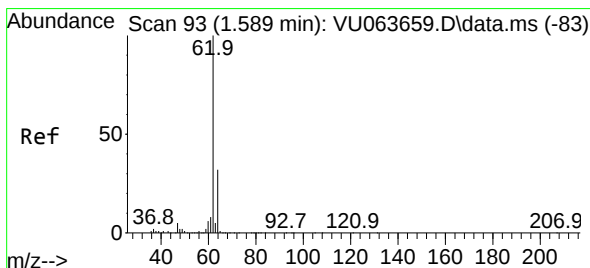
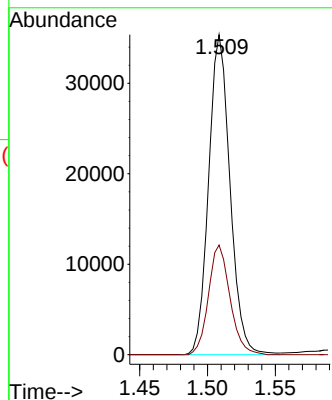
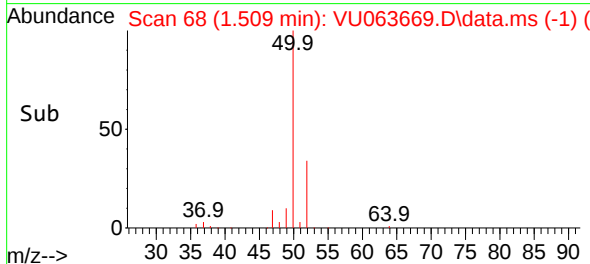
Instrument :
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ClientSampleId :
VU1105WBS01



Tgt Ion: 50 Resp: 38829
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

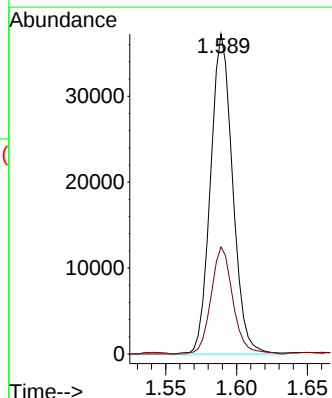
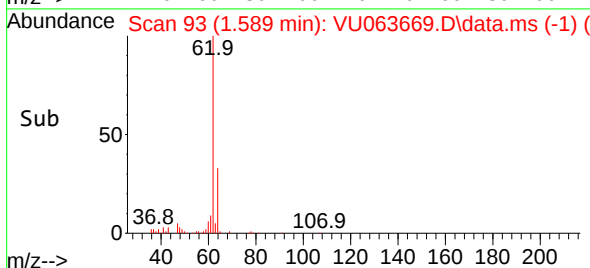
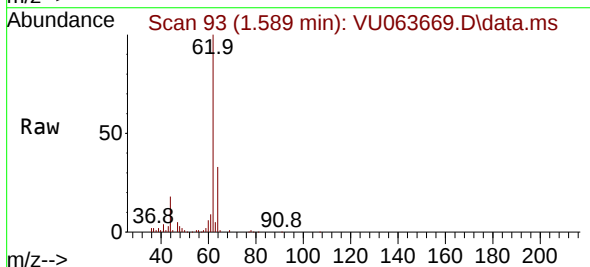
Manual Integrations
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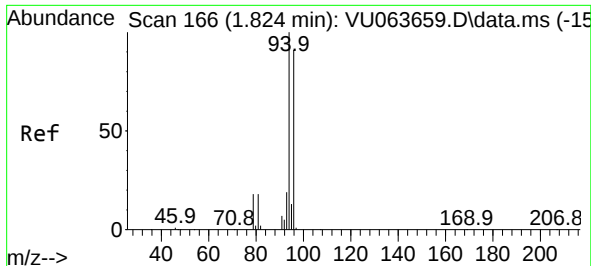
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 1.984 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

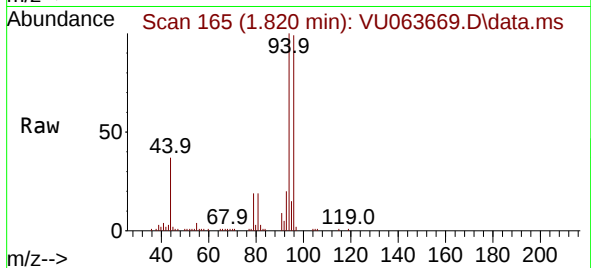
Tgt Ion: 62 Resp: 40278
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8





#5
Bromomethane
Concen: 2.023 ug/l
RT: 1.820 min Scan# 165
Delta R.T. -0.004 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

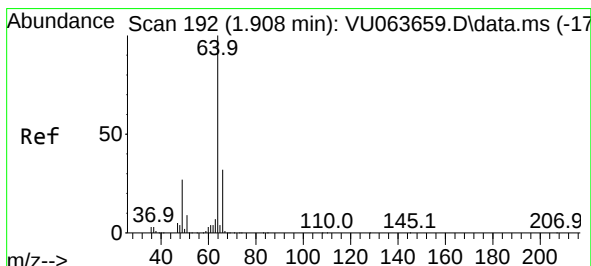
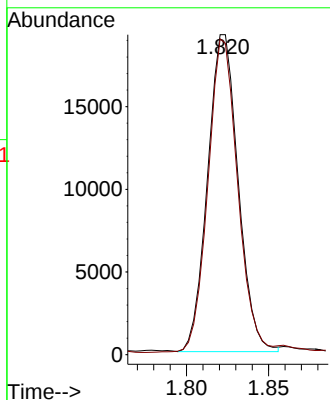
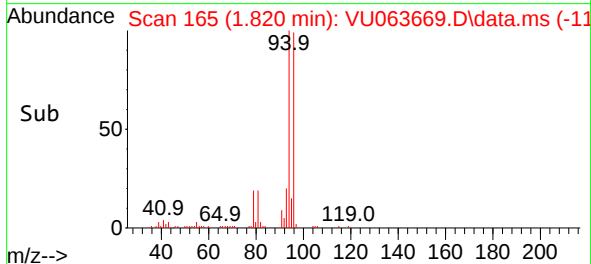
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion: 94 Resp: 2482
Ion Ratio Lower Upper
94 100
96 98.6 73.0 109.6

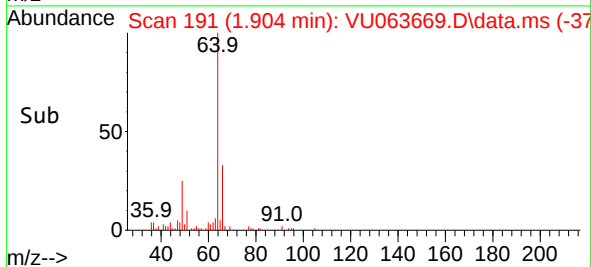
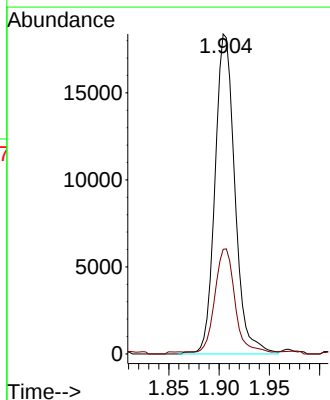
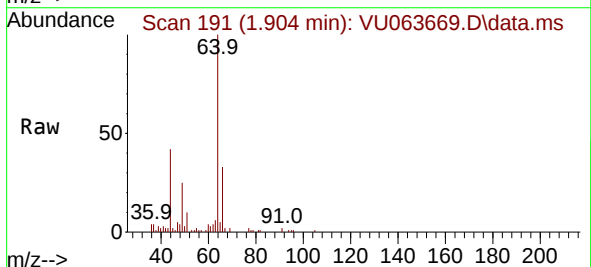
Manual Integrations
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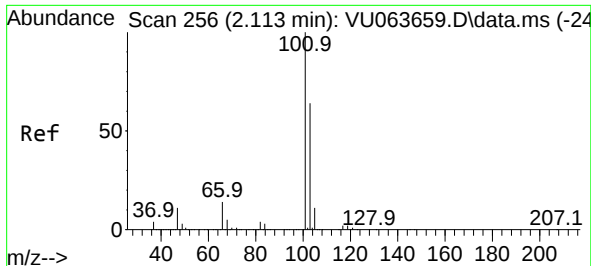
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 2.035 ug/l
RT: 1.904 min Scan# 191
Delta R.T. -0.004 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

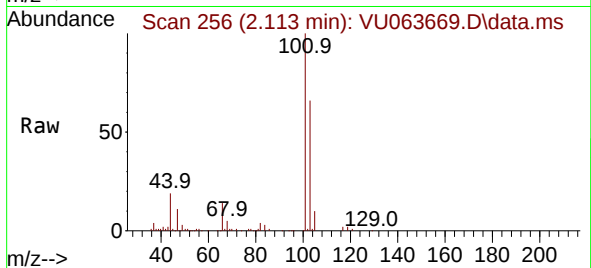
Tgt Ion: 64 Resp: 25356
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 2.020 ug/l
 RT: 2.113 min Scan# 256
 Delta R.T. -0.000 min
 Lab File: VU063669.D
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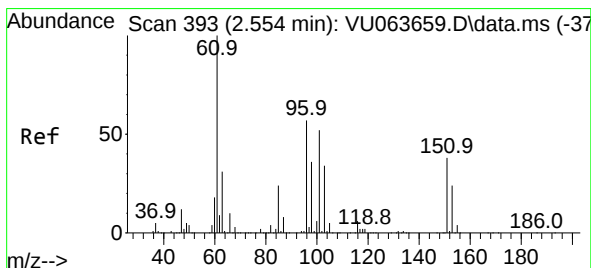
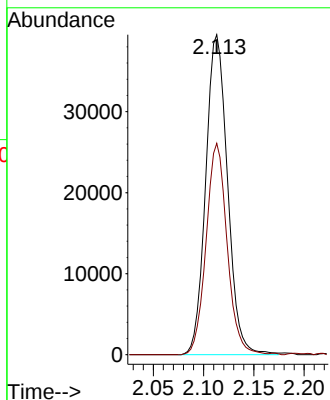
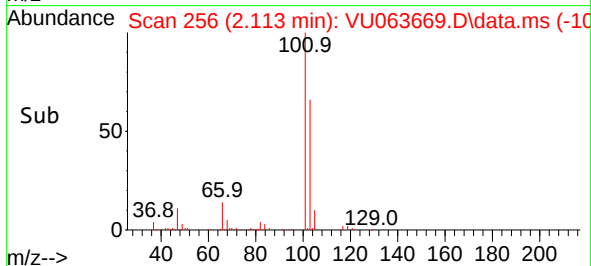
Instrument :
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Tgt Ion:101 Resp: 5964
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.6

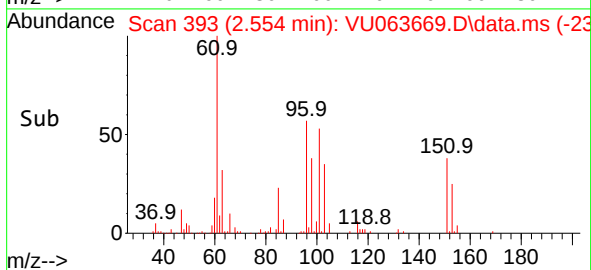
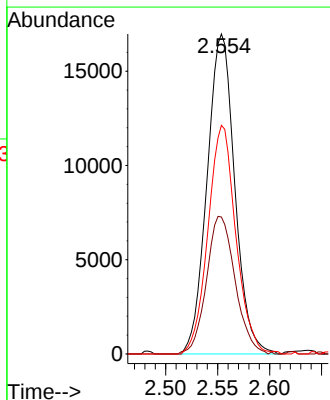
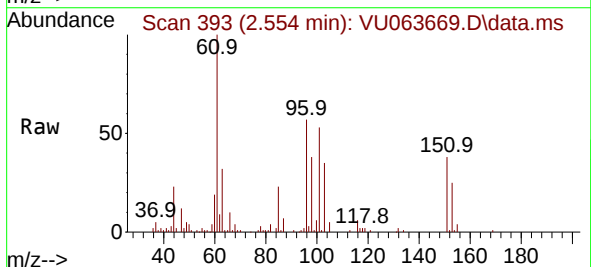
Manual Integrations
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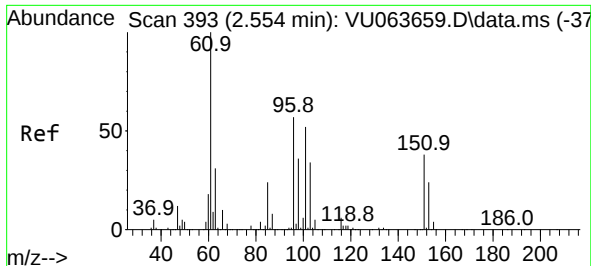
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.005 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion:101 Resp: 31478
 Ion Ratio Lower Upper
 101 100
 85 44.4 37.0 55.4
 151 72.1 57.2 85.8





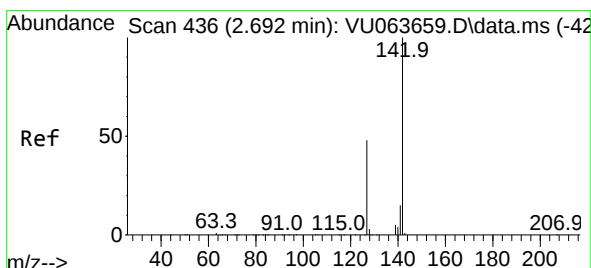
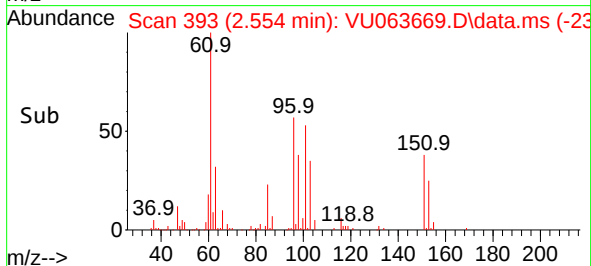
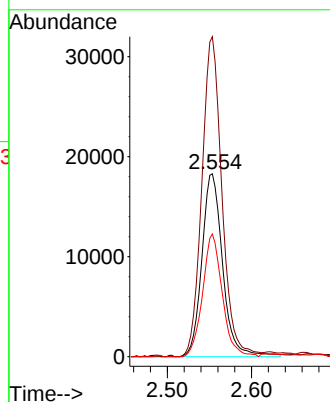
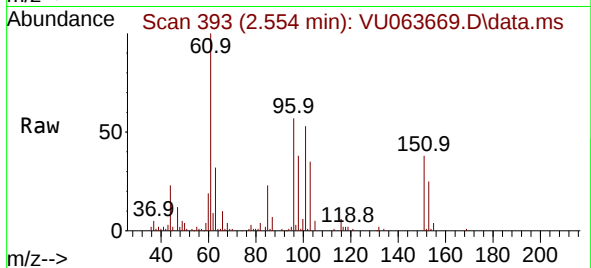
#9
1,1-Dichloroethene
Concen: 2.068 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 96 Resp: 31449
Ion Ratio Lower Upper
96 100
61 174.9 0.0 524.7
98 67.0 0.0 126.8

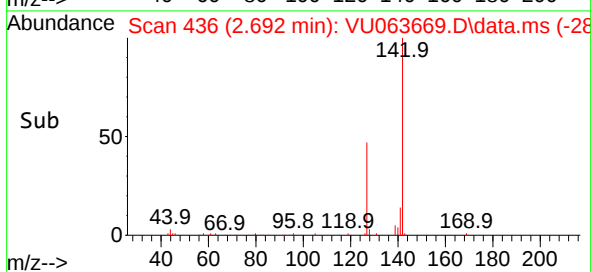
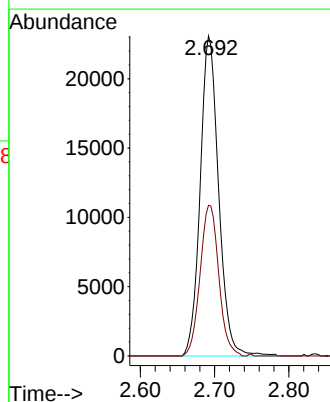
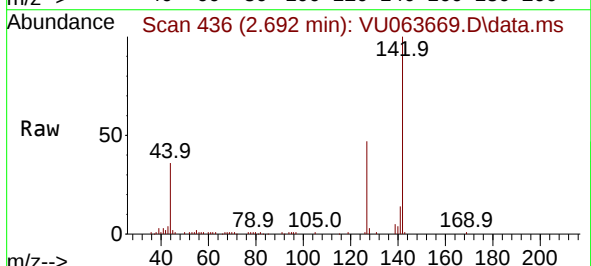
Manual Integrations
APPROVED

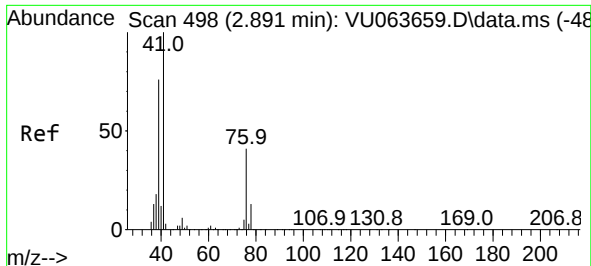
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 1.765 ug/l
RT: 2.692 min Scan# 436
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

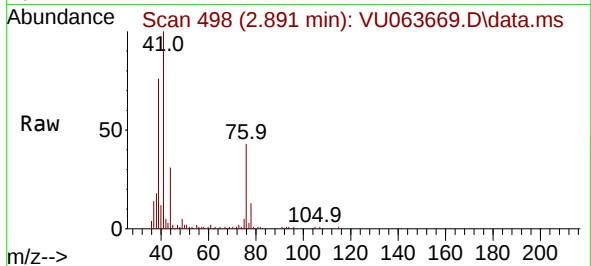
Tgt Ion:142 Resp: 39857
Ion Ratio Lower Upper
142 100
127 47.6 38.6 58.0





#11
 Allyl Chloride
 Concen: 1.936 ug/l
 RT: 2.891 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

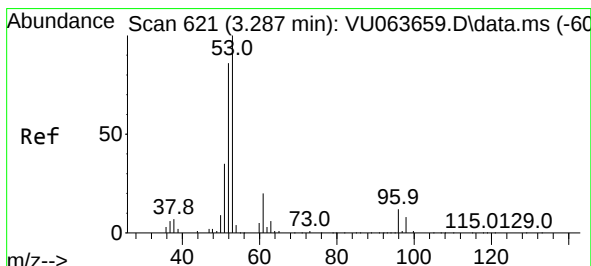
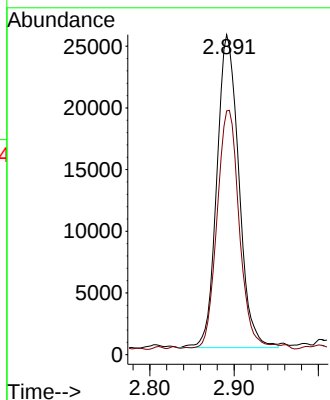
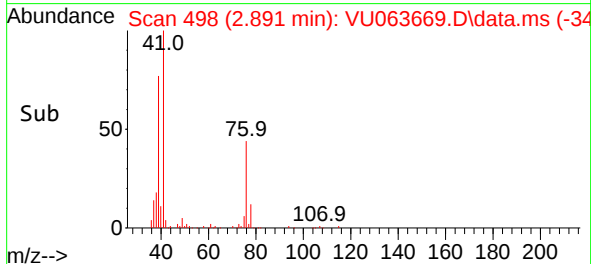
Instrument :
 MSVOA_U
 Client Sample Id :
 VU1105WBS01



Tgt Ion: 41 Resp: 45972
 Ion Ratio Lower Upper
 41 100
 39 76.3 61.0 91.4

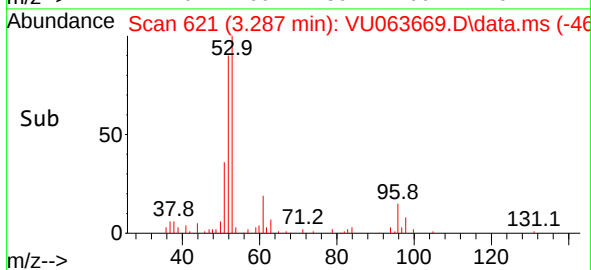
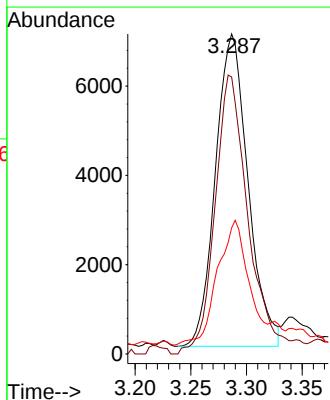
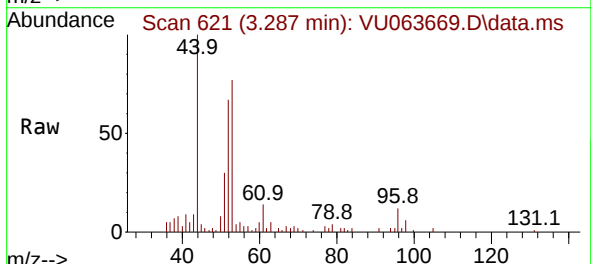
Manual Integrations
 APPROVED

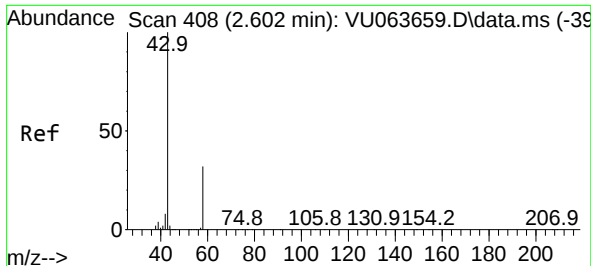
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#12
 Acrylonitrile
 Concen: 3.787 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion: 53 Resp: 14244
 Ion Ratio Lower Upper
 53 100
 52 92.2 65.4 98.0
 51 38.4 27.6 41.4





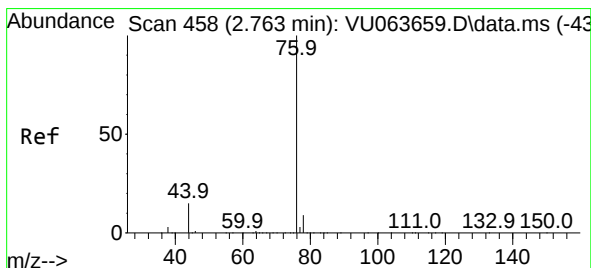
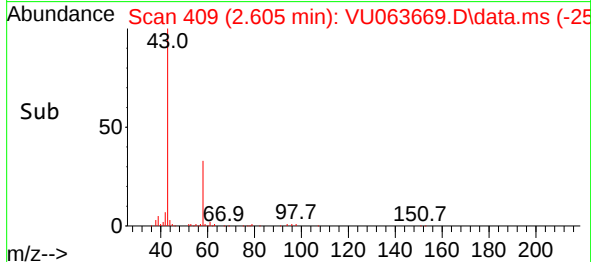
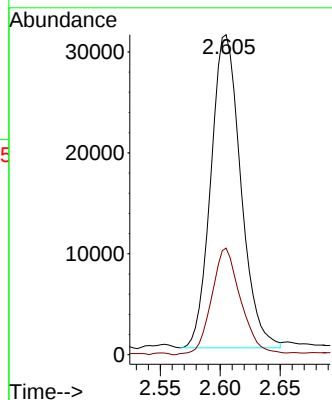
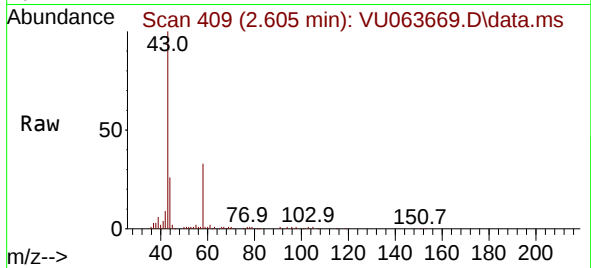
#13
Acetone
Concen: 8.108 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 33.7 25.2 37.8

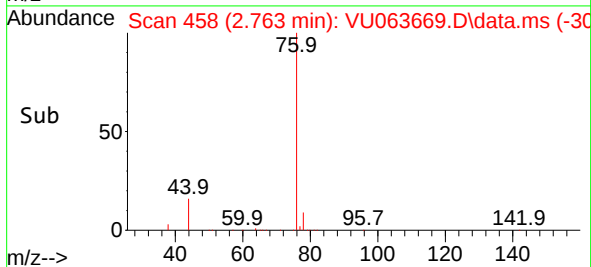
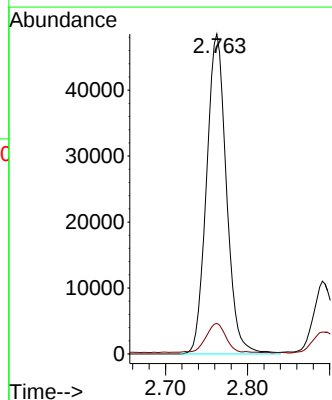
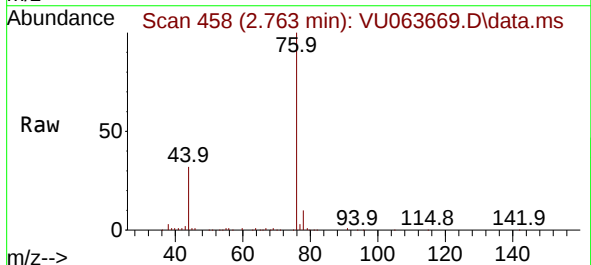
Manual Integrations
APPROVED

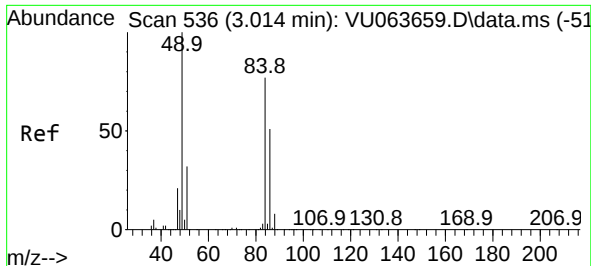
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Carbon Disulfide
Concen: 1.910 ug/l
RT: 2.763 min Scan# 458
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

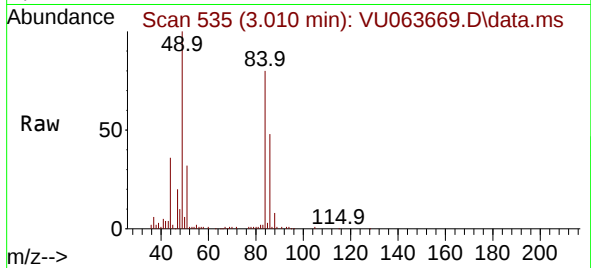
Tgt Ion: 76 Resp: 81822
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15
Methylene Chloride
Concen: 1.883 ug/l
RT: 3.010 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

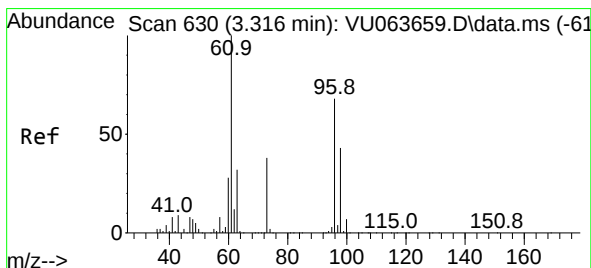
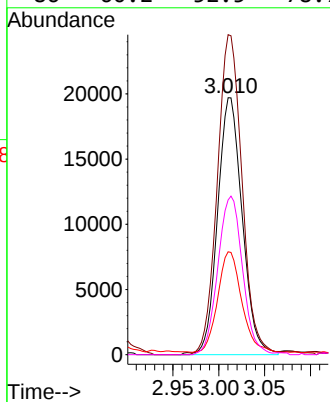
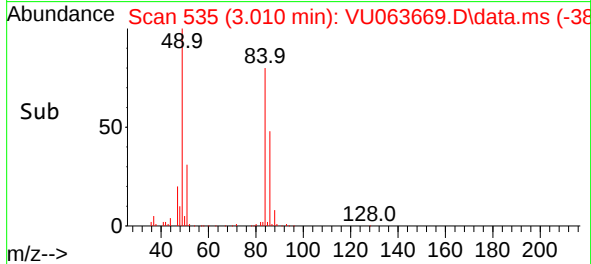
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion: 84 Resp: 3679
Ion Ratio Lower Upper
84 100
49 124.5 103.4 155.0
51 39.0 0.0 81.6
86 60.2 52.5 78.7

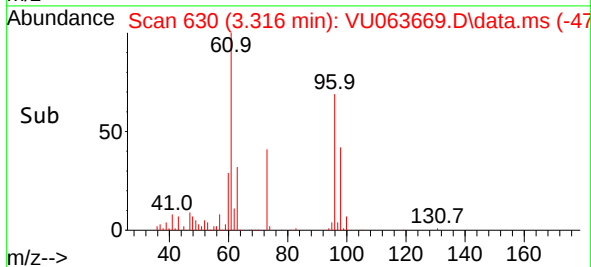
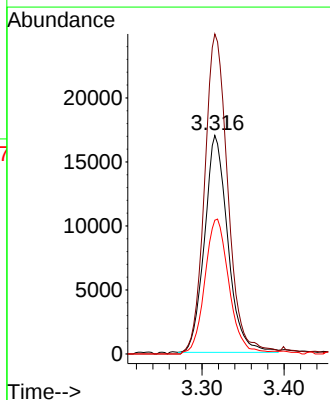
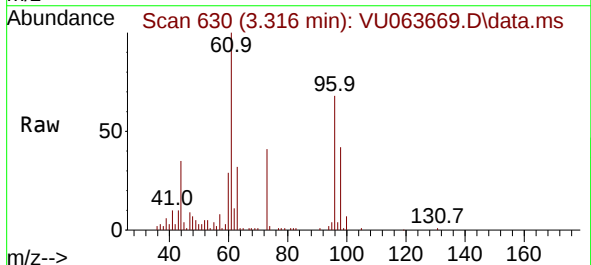
Manual Integrations
APPROVED

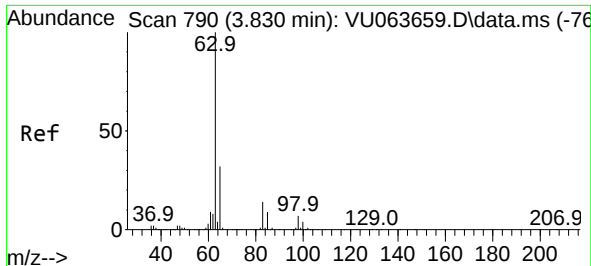
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 1.994 ug/l
RT: 3.316 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 96 Resp: 33435
Ion Ratio Lower Upper
96 100
61 147.5 117.4 176.2
98 61.7 49.9 74.9





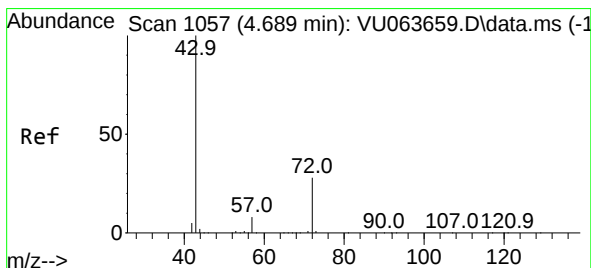
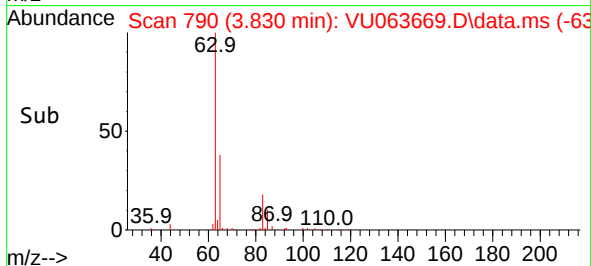
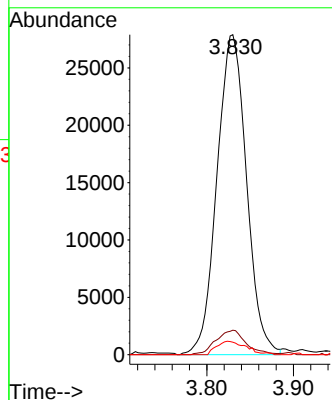
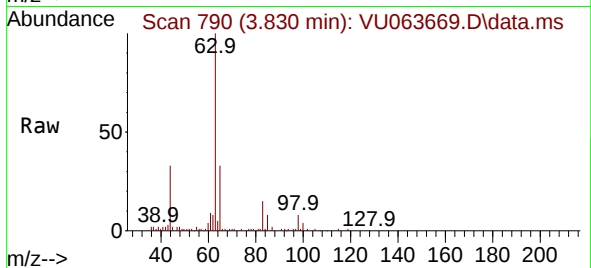
#17
1,1-Dichloroethane
Concen: 1.994 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 63 Resp: 6623
Ion Ratio Lower Upper
63 100
98 7.6 3.5 10.5
100 3.9 2.2 6.6

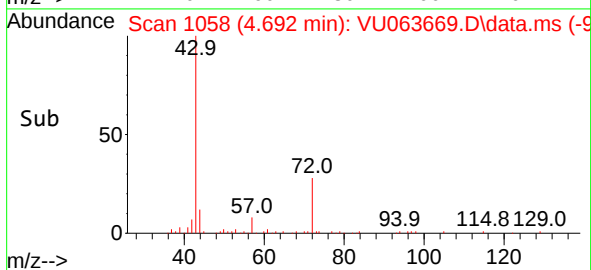
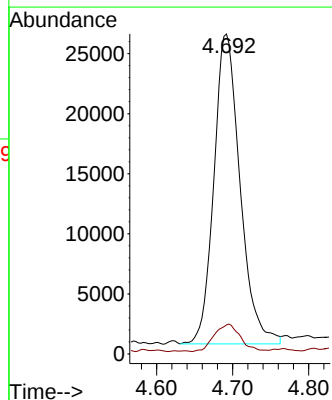
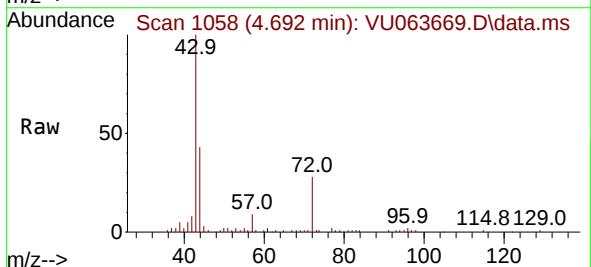
Manual Integrations
APPROVED

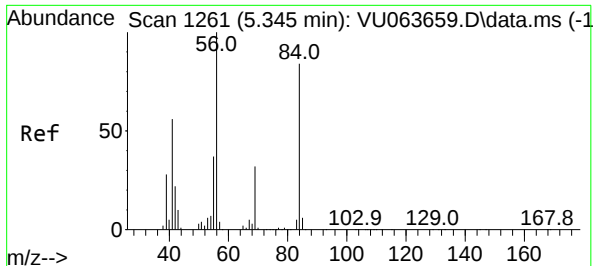
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
2-Butanone
Concen: 8.771 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 43 Resp: 61814
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 1.991 ug/l

RT: 5.341 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion: 56 Resp: 50530

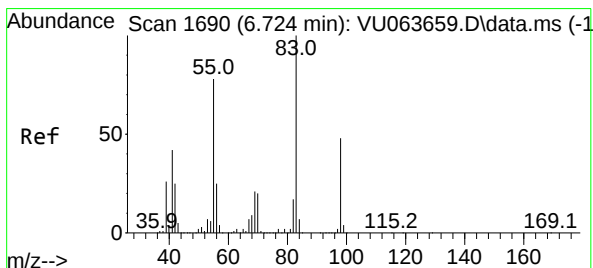
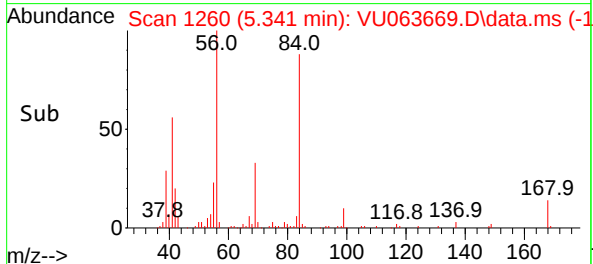
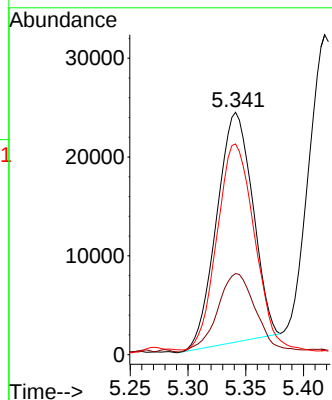
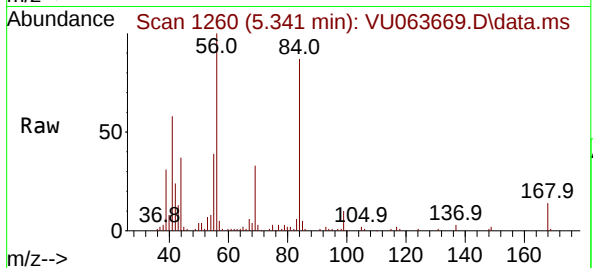
Ion	Ratio	Lower	Upper
56	100		
69	34.9	27.1	40.7
84	93.4	73.4	110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#20

Methylcyclohexane

Concen: 1.959 ug/l

RT: 6.724 min Scan# 1690

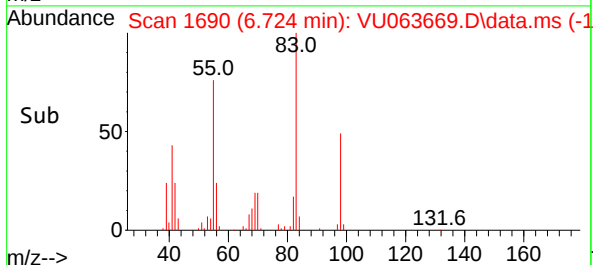
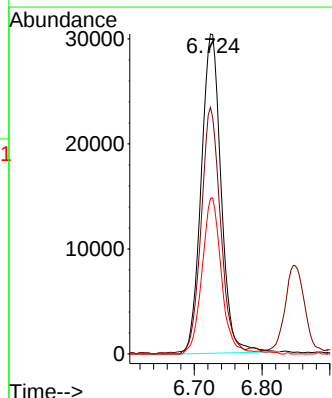
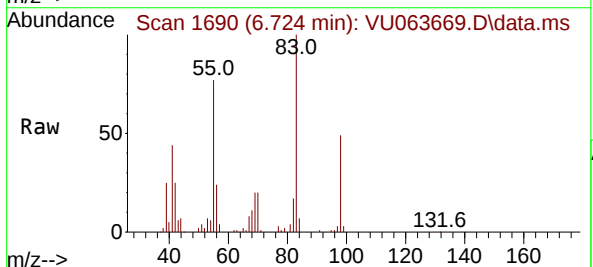
Delta R.T. -0.000 min

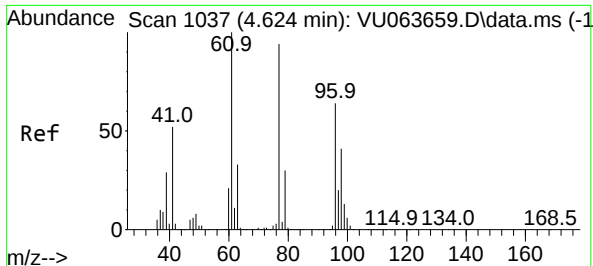
Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion: 83 Resp: 61901

Ion	Ratio	Lower	Upper
83	100		
55	72.7	61.5	92.3
98	46.3	37.9	56.9





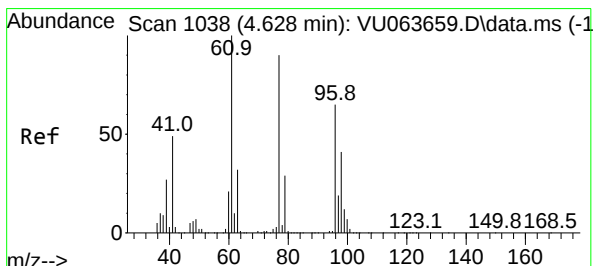
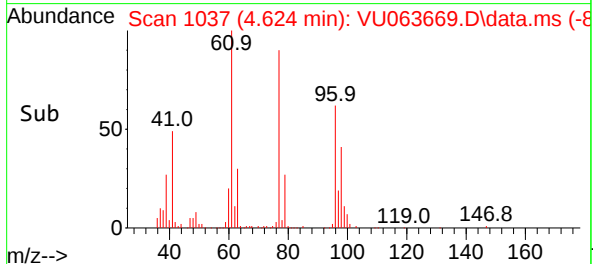
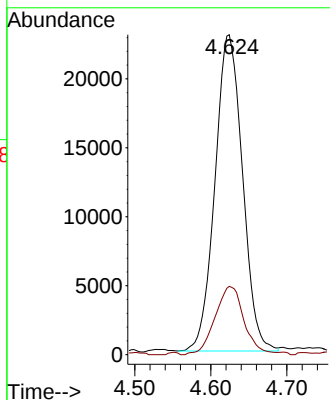
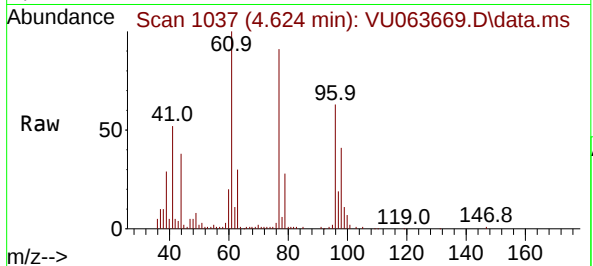
#21
2,2-Dichloropropane
Concen: 1.935 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 77 Resp: 57670
Ion Ratio Lower Upper
77 100
97 22.7 17.1 25.7

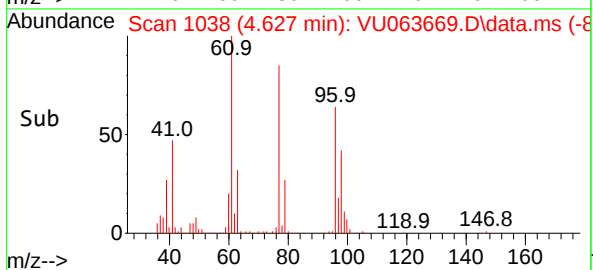
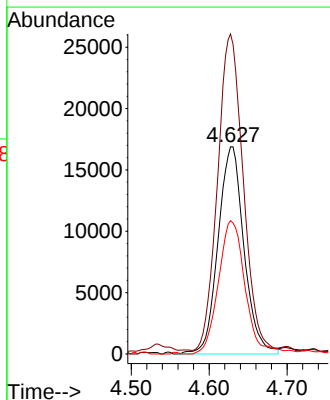
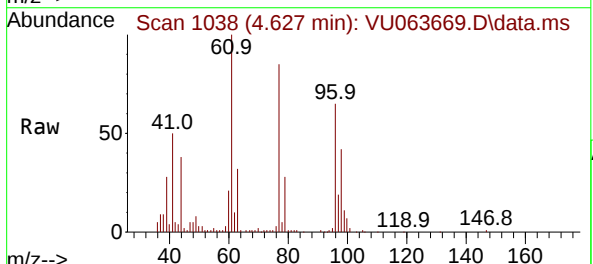
Manual Integrations
APPROVED

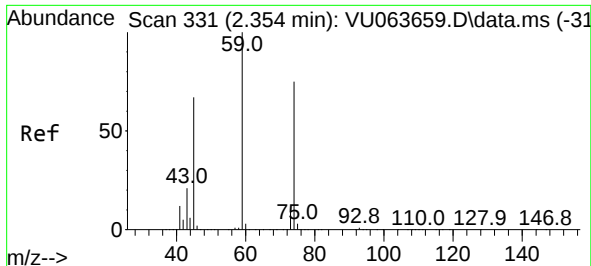
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
cis-1,2-Dichloroethene
Concen: 2.041 ug/l
RT: 4.627 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

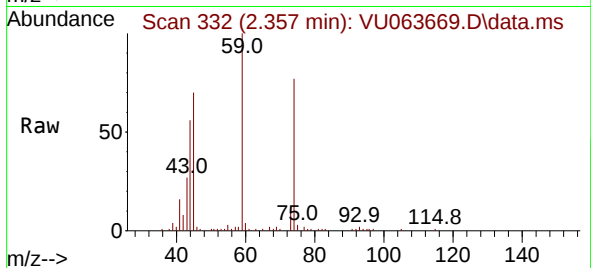
Tgt Ion: 96 Resp: 38974
Ion Ratio Lower Upper
96 100
61 150.0 0.0 385.0
98 65.9 31.3 93.9





#23
Diethyl Ether
Concen: 1.967 ug/l
RT: 2.357 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

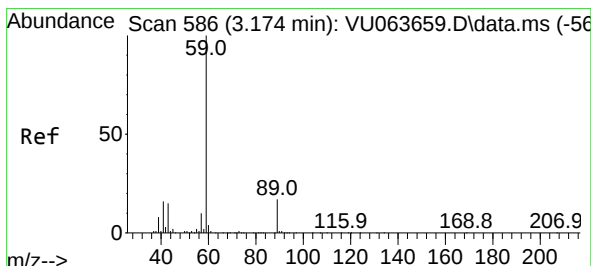
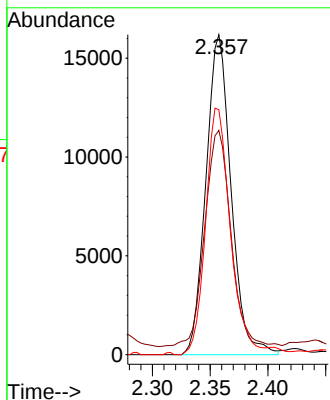
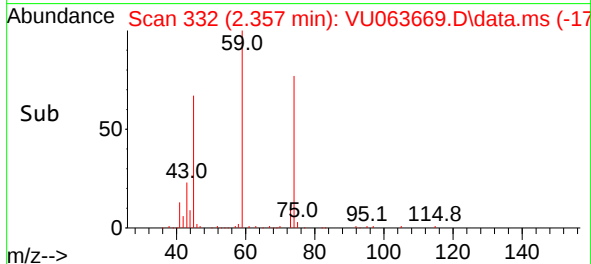
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



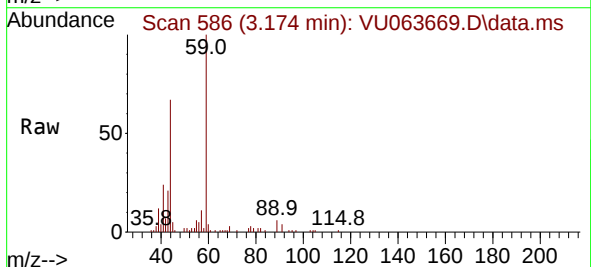
Tgt Ion: 59 Resp: 24508
Ion Ratio Lower Upper
59 100
45 72.3 52.6 78.8
74 75.4 59.4 89.2

Manual Integrations
APPROVED

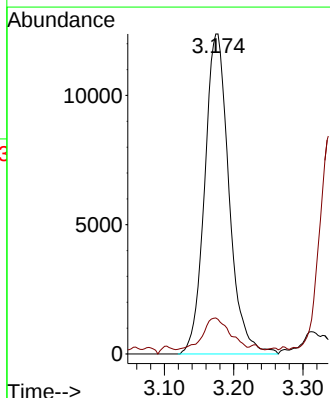
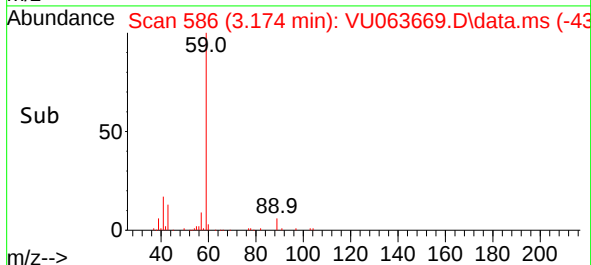
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

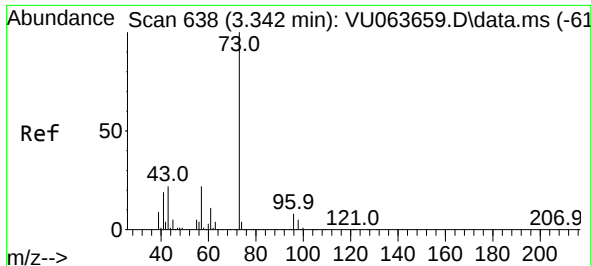


#24
tert-Butyl Alcohol
Concen: 14.038 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



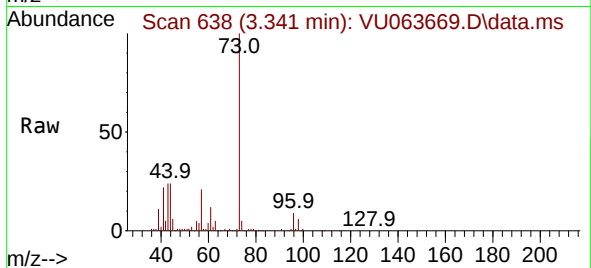
Tgt Ion: 59 Resp: 30147
Ion Ratio Lower Upper
59 100
57 11.8 7.2 10.8#





#25
Methyl tert-Butyl Ether
Concen: 2.040 ug/l
RT: 3.341 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

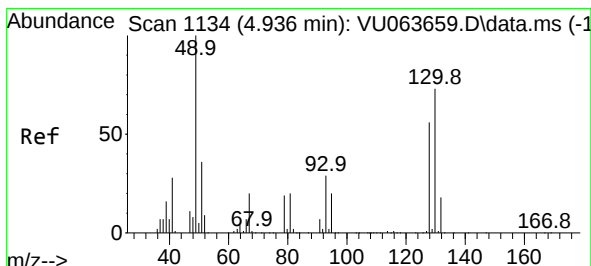
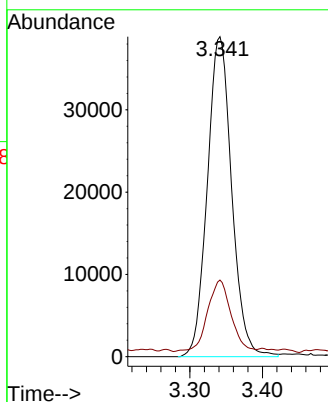
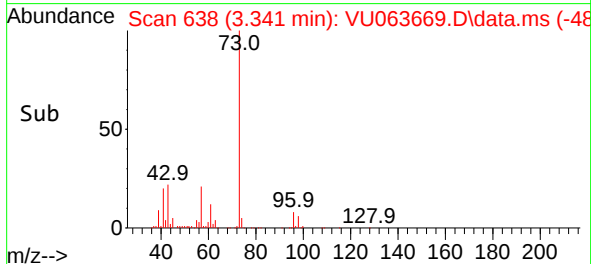
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion: 73 Resp: 9088
Ion Ratio Lower Upper
73 100
43 21.4 17.4 26.0

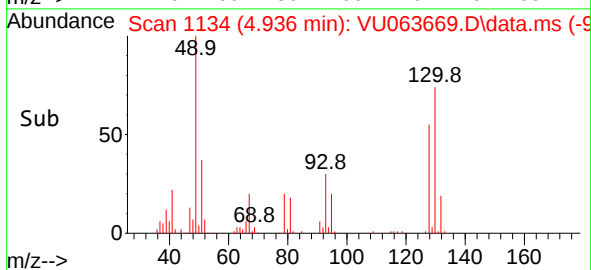
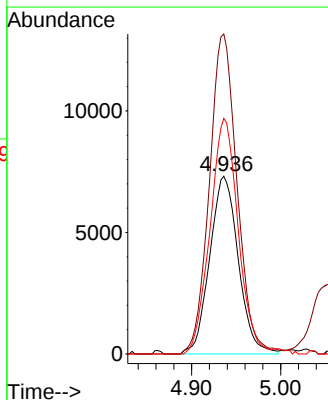
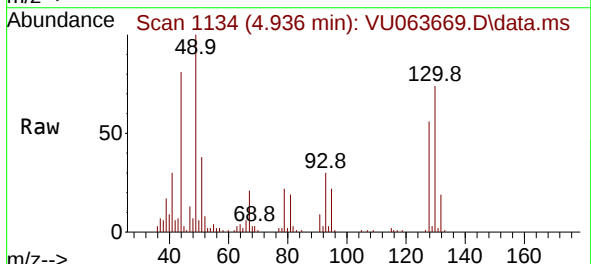
Manual Integrations
APPROVED

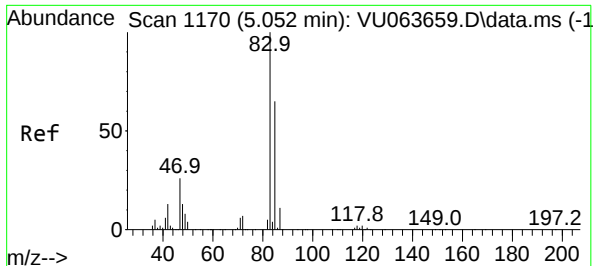
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 2.025 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:128 Resp: 16308
Ion Ratio Lower Upper
128 100
49 174.5 0.0 349.6
130 130.3 102.7 154.1





#27

Chloroform

Concen: 2.040 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion: 83 Resp: 6931

Ion Ratio Lower Upper

83 100

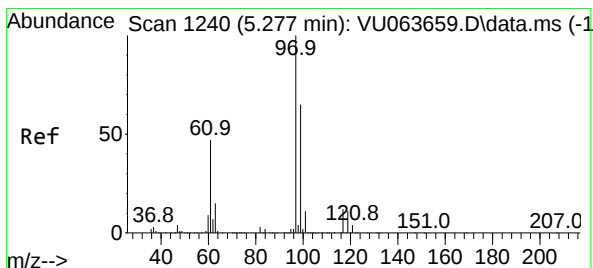
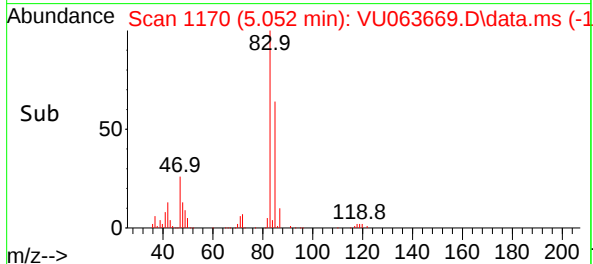
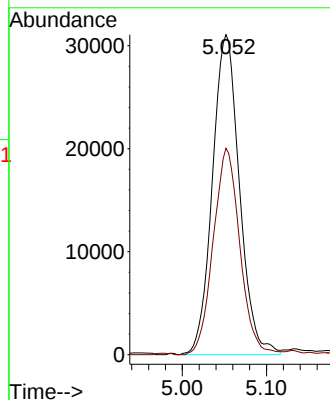
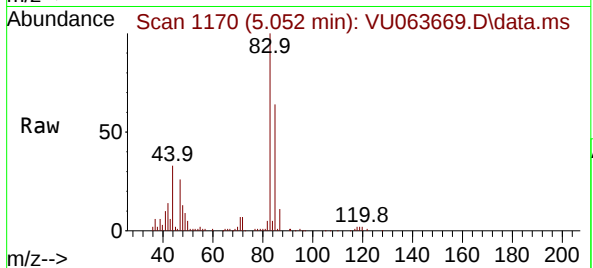
85 64.5 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#28

1,1,1-Trichloroethane

Concen: 1.981 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

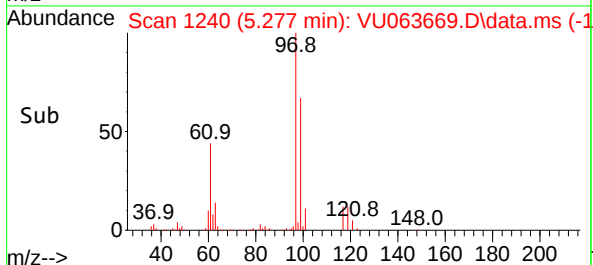
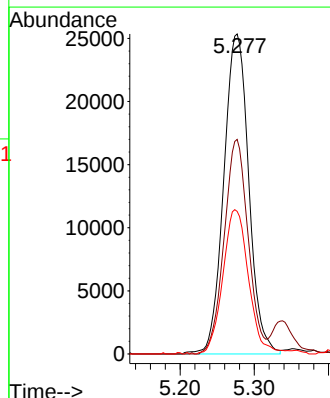
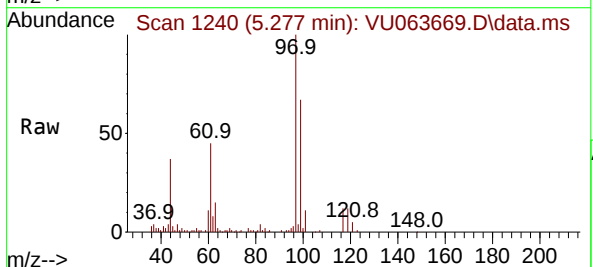
Tgt Ion: 97 Resp: 59358

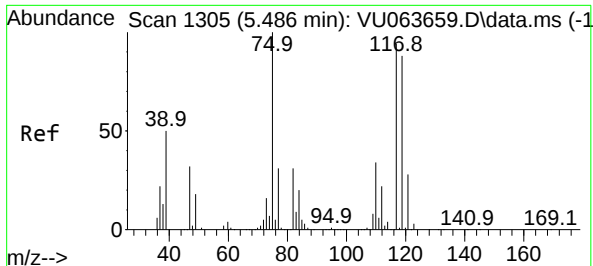
Ion Ratio Lower Upper

97 100

99 64.3 32.3 96.8

61 46.5 23.3 69.8





#29

1,1-Dichloropropene

Concen: 1.962 ug/l

RT: 5.483 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

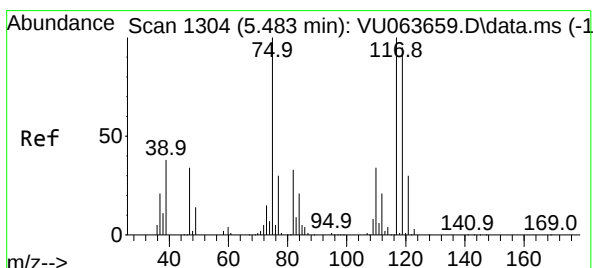
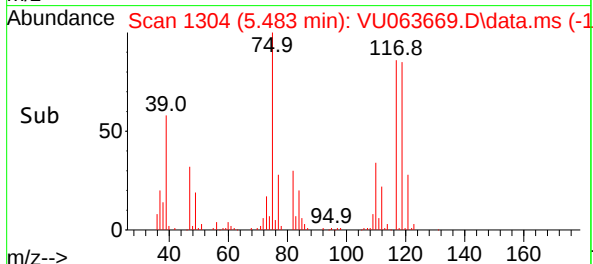
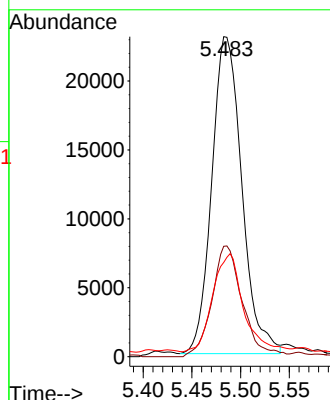
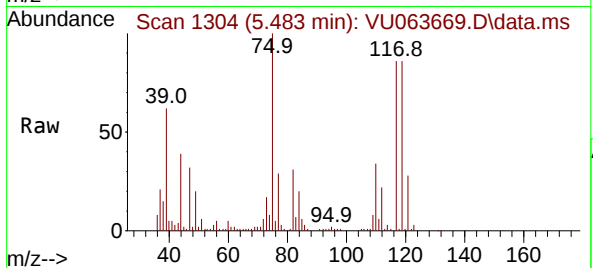
Tgt Ion:	75	Resp:	4935
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.2	51.5
77	31.6	24.5	36.7

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Carbon Tetrachloride

Concen: 1.933 ug/l

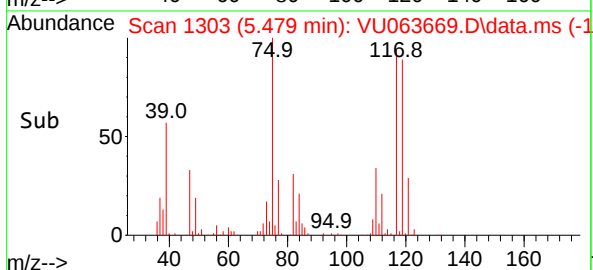
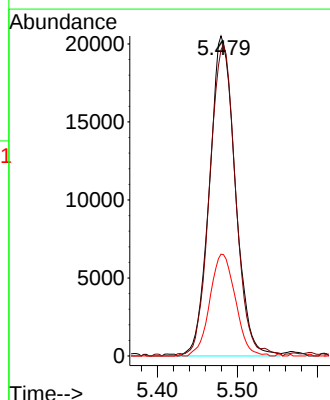
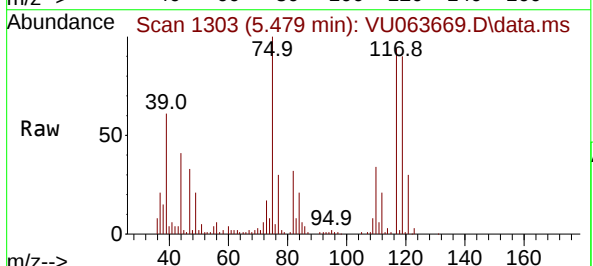
RT: 5.479 min Scan# 1303

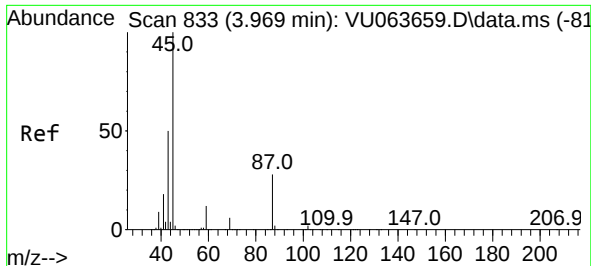
Delta R.T. -0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

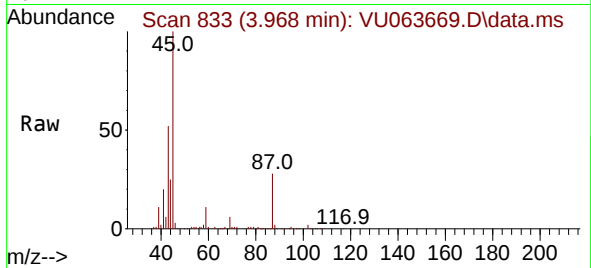
Tgt Ion:	117	Resp:	45854
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.7	113.5
121	31.3	23.8	35.6





#31
Isopropyl Ether
Concen: 2.056 ug/l
RT: 3.968 min Scan# 811
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

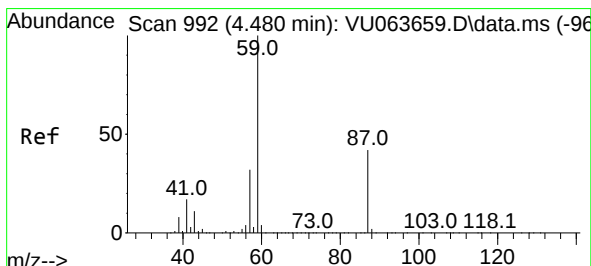
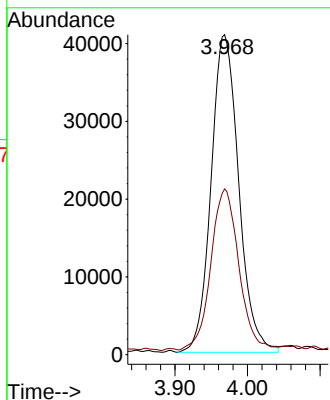
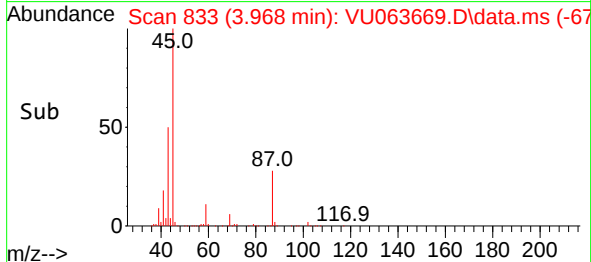
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



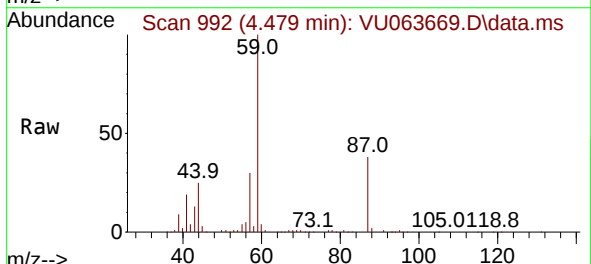
Tgt Ion: 45 Resp: 10816
Ion Ratio Lower Upper
45 100
43 51.0 25.3 75.9

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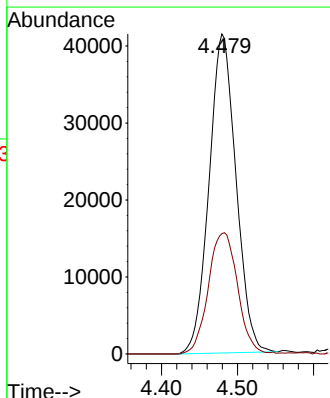
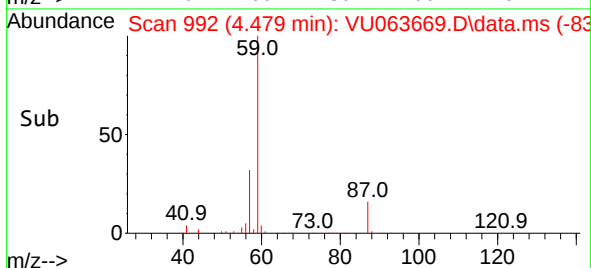
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

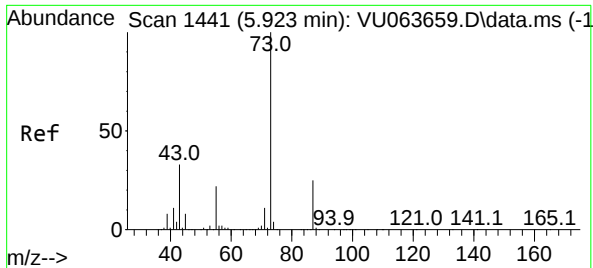


#32
Ethyl-t-butyl ether
Concen: 2.012 ug/l
RT: 4.479 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



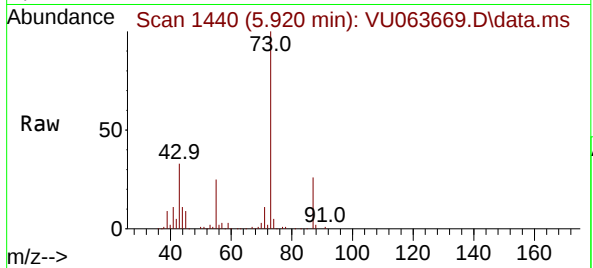
Tgt Ion: 59 Resp: 101978
Ion Ratio Lower Upper
59 100
87 40.6 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 2.067 ug/l
RT: 5.920 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

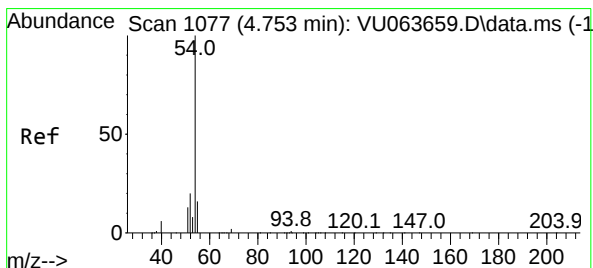
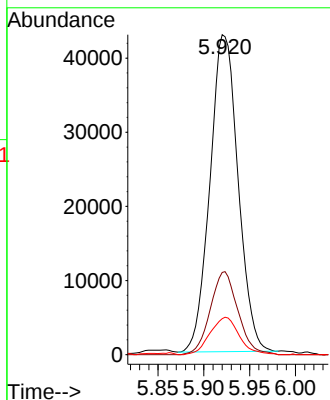
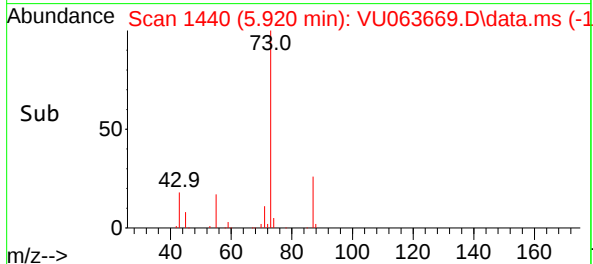
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



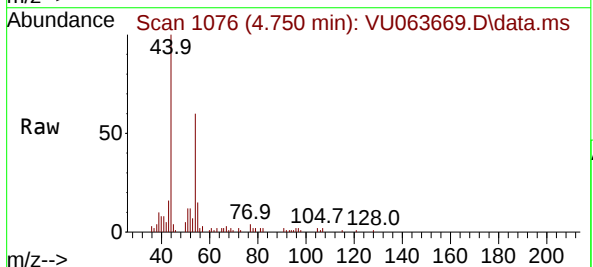
Tgt Ion: 73 Resp: 91235
Ion Ratio Lower Upper
73 100
87 25.7 20.0 30.0
71 12.2 9.0 13.4

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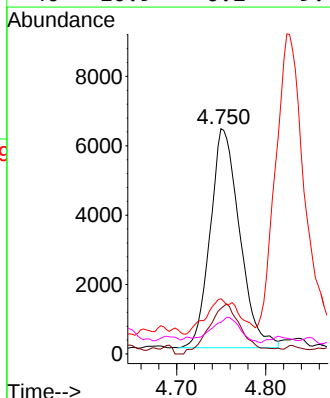
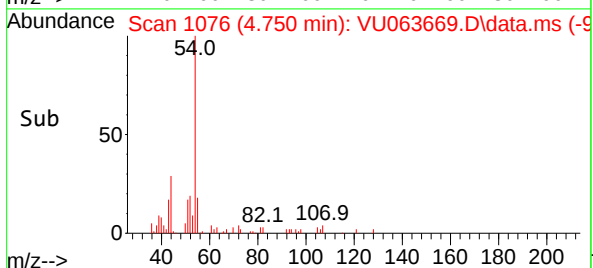
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

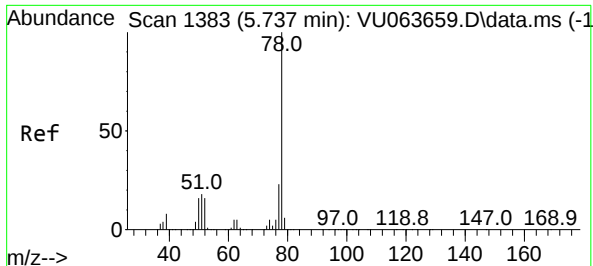


#34
Propionitrile
Concen: 10.505 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



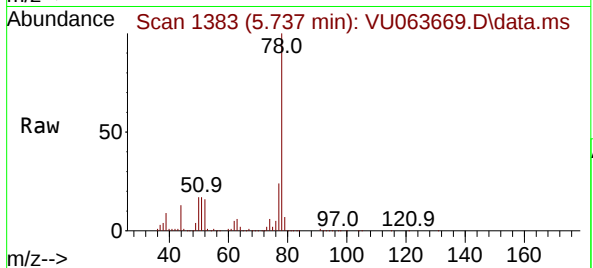
Tgt Ion: 54 Resp: 14466
Ion Ratio Lower Upper
54 100
52 26.2 15.8 23.6#
55 18.0 11.3 16.9#
40 10.9 6.2 9.4#





#35
Benzene
Concen: 2.039 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

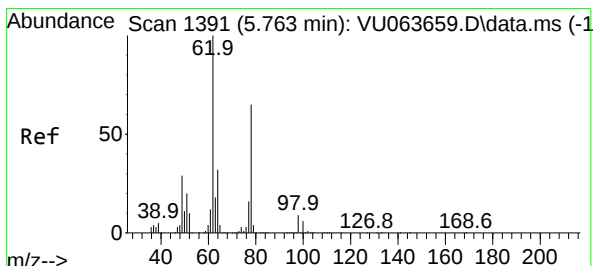
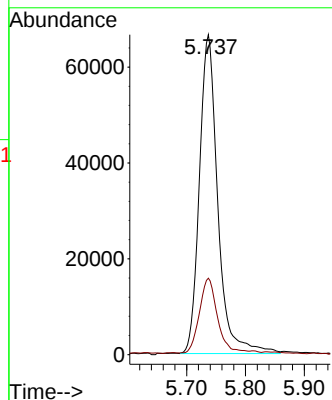
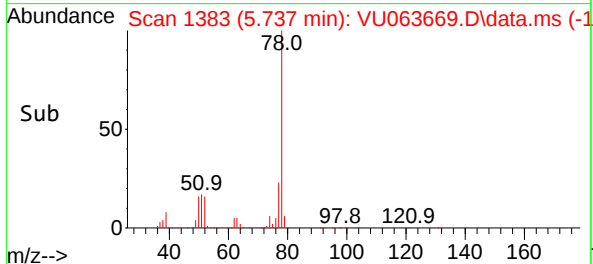
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



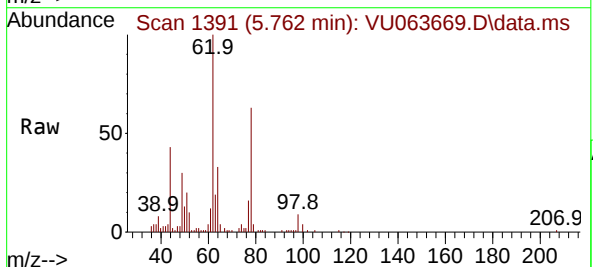
Tgt Ion: 78 Resp: 14460
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

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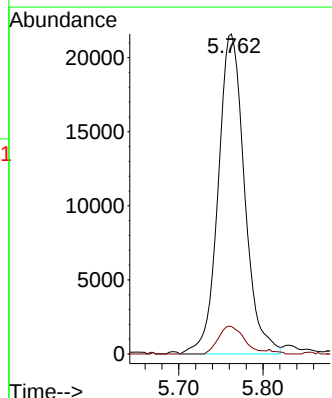
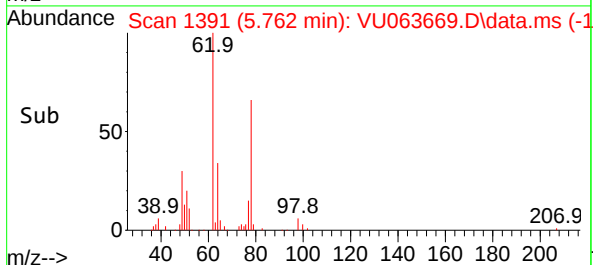
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

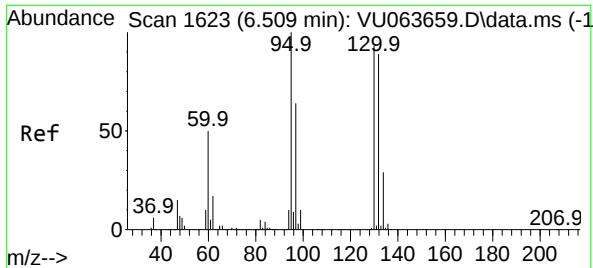


#36
1,2-Dichloroethane
Concen: 2.060 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



Tgt Ion: 62 Resp: 46900
Ion Ratio Lower Upper
62 100
98 8.4 6.8 10.2





#37

Trichloroethene

Concen: 2.020 ug/l

RT: 6.508 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion:130 Resp: 40818

Ion Ratio Lower Upper

130 100

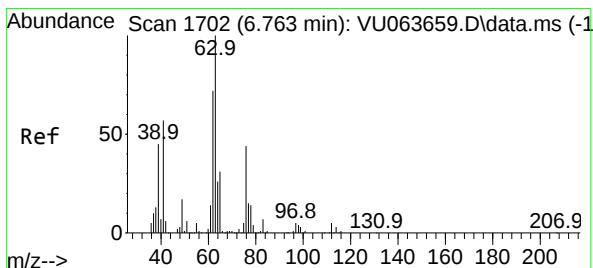
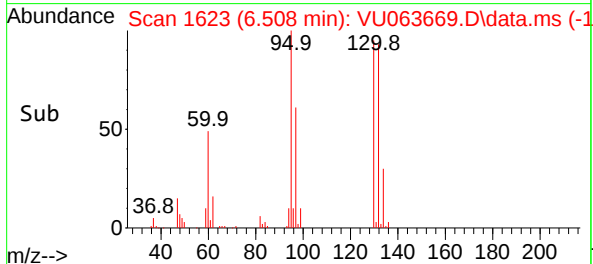
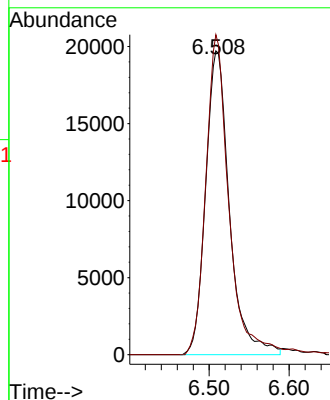
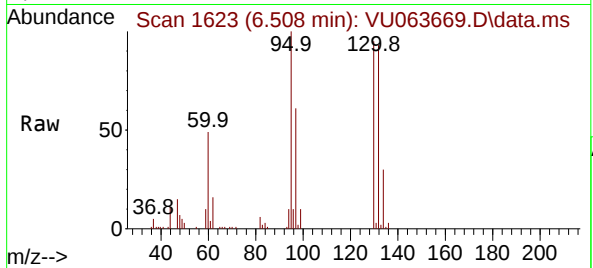
95 105.3 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 1.963 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063669.D

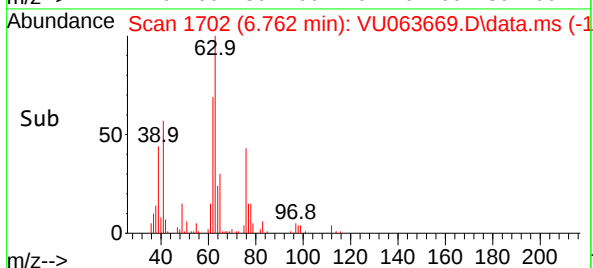
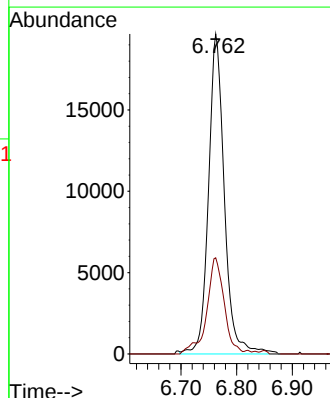
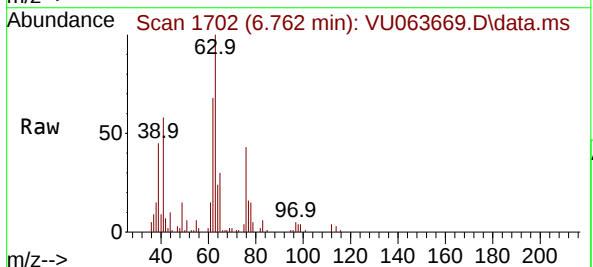
Acq: 05 Nov 2025 12:46

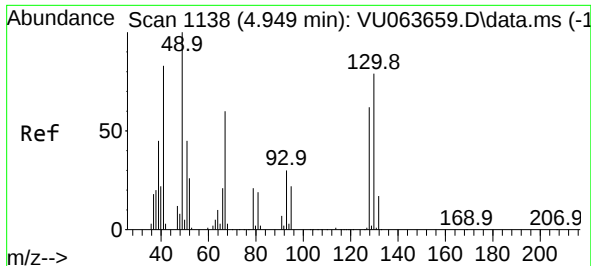
Tgt Ion: 63 Resp: 38951

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7





#39

Methacrylonitrile

Concen: 1.862 ug/l

RT: 4.952 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

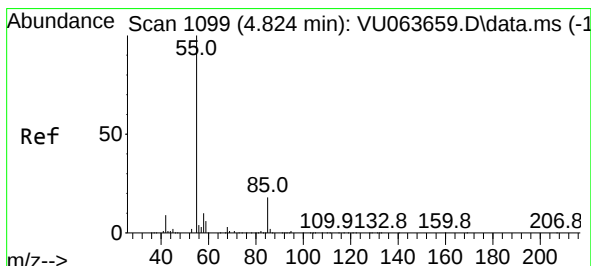
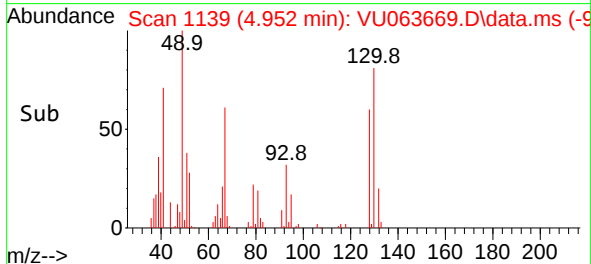
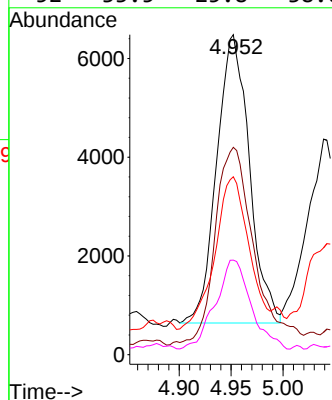
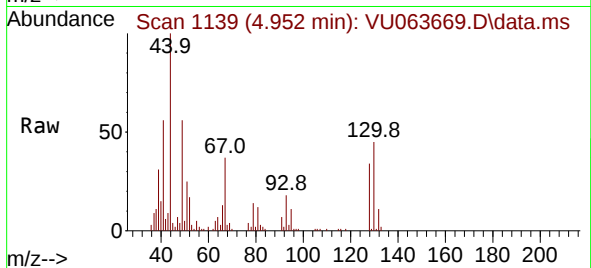
Tgt Ion:	41	Resp:	1276
Ion	Ratio	Lower	Upper
41	100		
67	82.0	61.4	92.2
39	55.3	46.5	69.7
52	33.5	25.8	38.6

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 1.900 ug/l

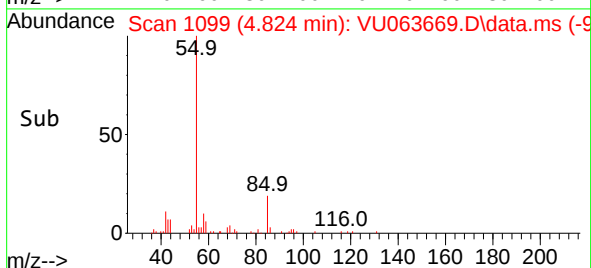
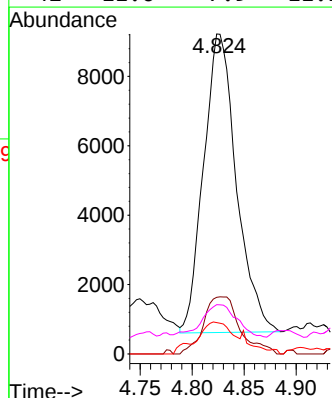
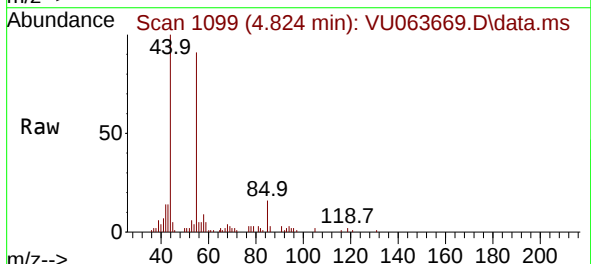
RT: 4.824 min Scan# 1099

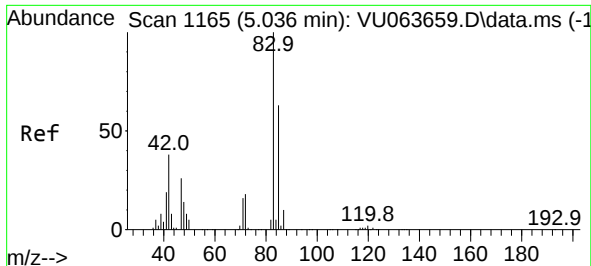
Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

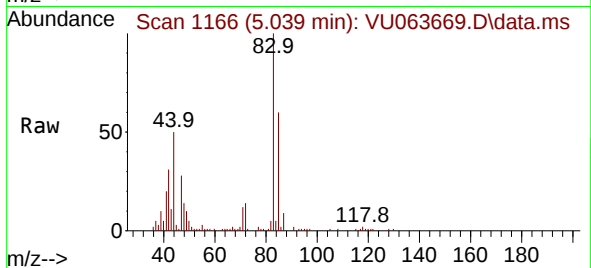
Tgt Ion:	55	Resp:	18912
Ion	Ratio	Lower	Upper
55	100		
85	21.1	15.3	22.9
58	14.1	7.7	11.5#
42	11.6	7.9	11.9





#41
Tetrahydrofuran
Concen: 4.253 ug/l
RT: 5.039 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

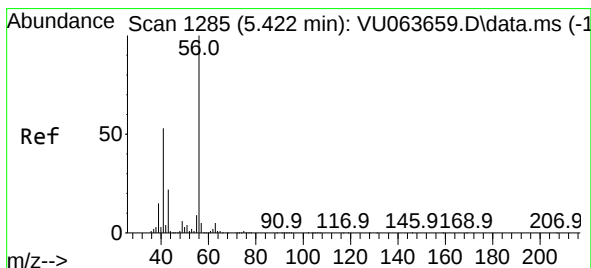
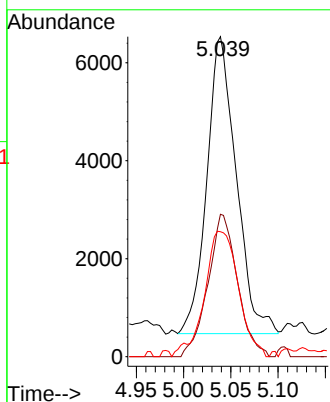
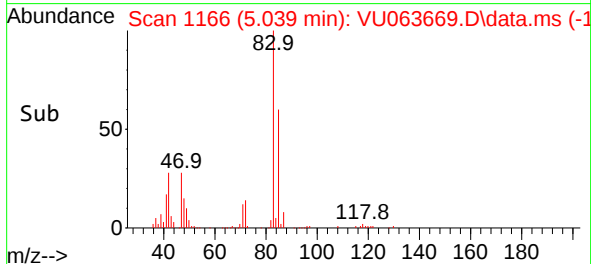
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion: 42 Resp: 13119
Ion Ratio Lower Upper
42 100
72 47.9 40.5 60.7
71 48.5 35.0 52.6

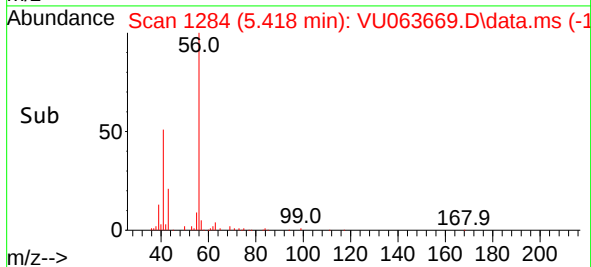
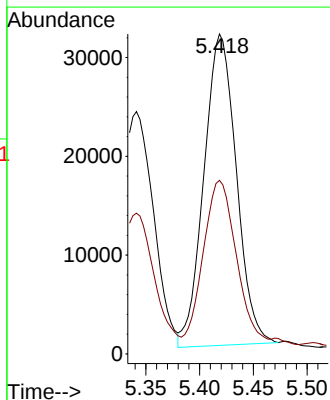
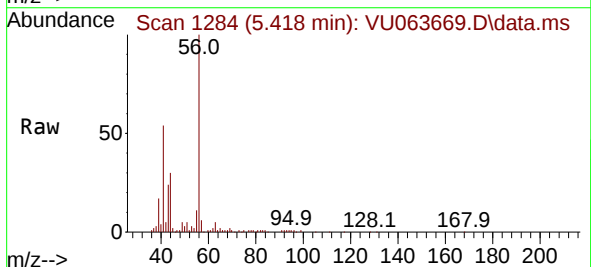
Manual Integrations
APPROVED

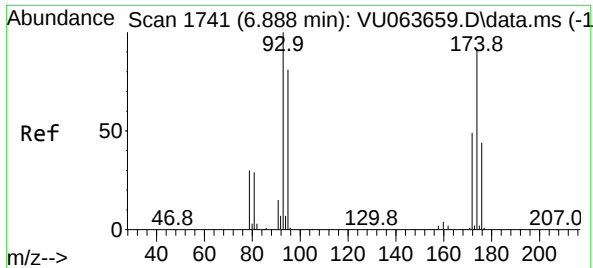
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1-Chlorobutane
Concen: 1.960 ug/l
RT: 5.418 min Scan# 1284
Delta R.T. -0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

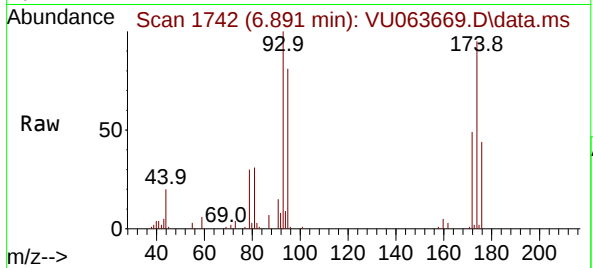
Tgt Ion: 56 Resp: 66099
Ion Ratio Lower Upper
56 100
41 51.1 25.9 77.6





#43
Dibromomethane
Concen: 2.029 ug/l
RT: 6.891 min Scan# 1742
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

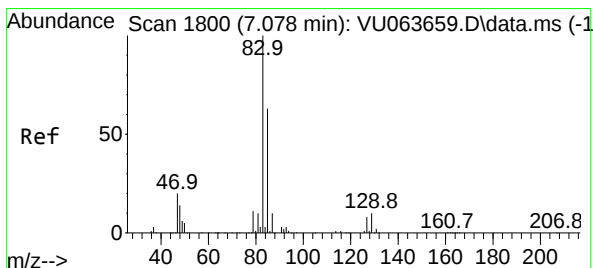
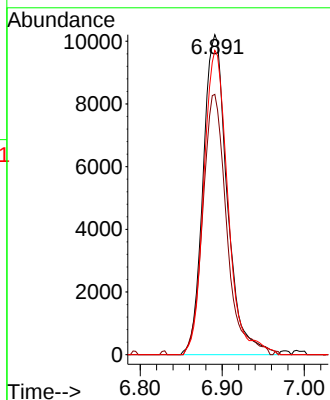
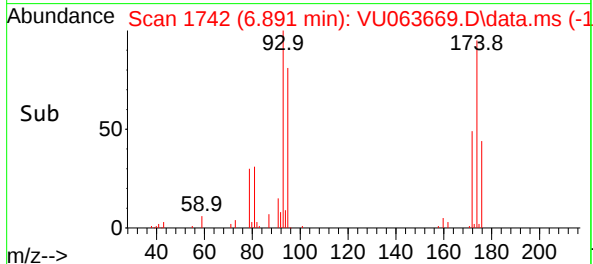
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



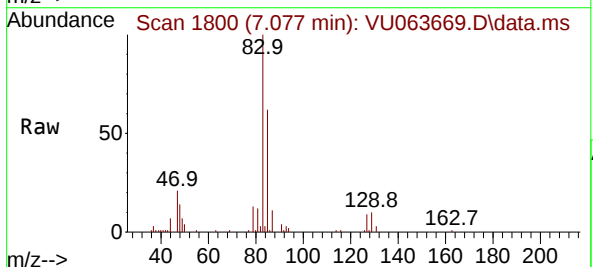
Tgt Ion: 93 Resp: 20832
Ion Ratio Lower Upper
93 100
95 80.5 64.6 97.0
174 95.1 73.8 110.8

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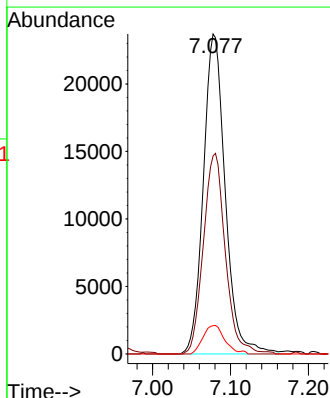
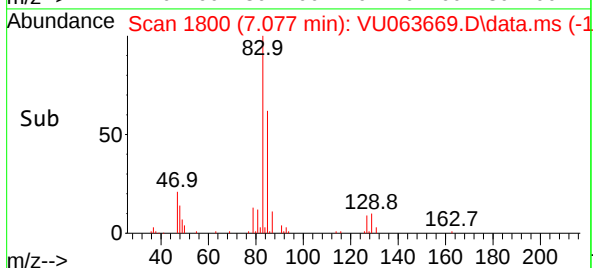
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

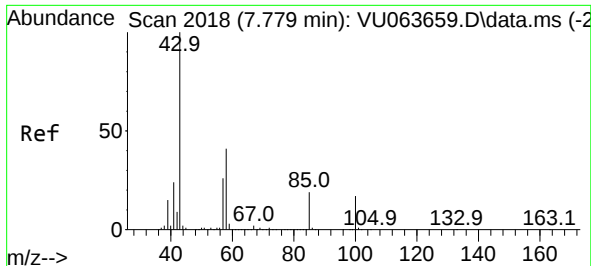


#44
Bromodichloromethane
Concen: 1.845 ug/l
RT: 7.077 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



Tgt Ion: 83 Resp: 46314
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 9.7 6.4 9.6





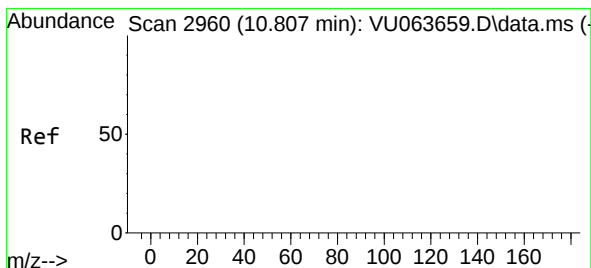
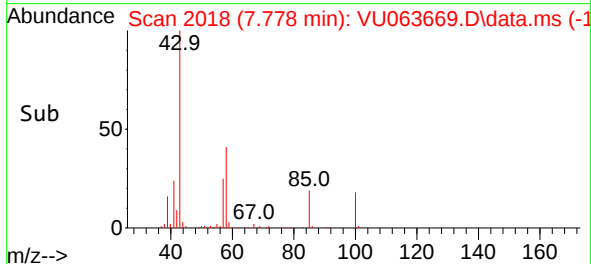
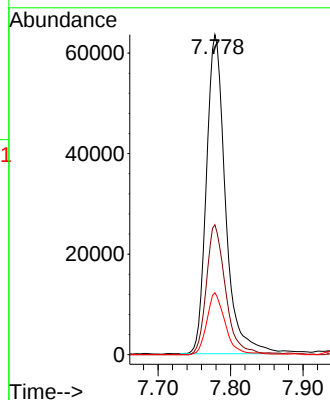
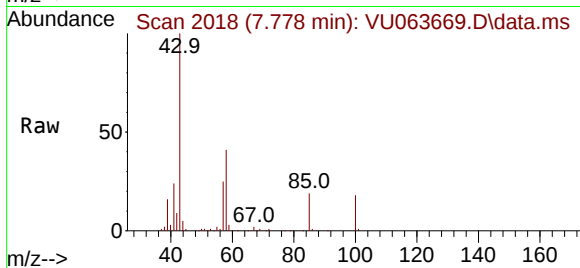
#45
4-Methyl-2-Pentanone
Concen: 9.360 ug/l
RT: 7.778 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 43 Resp: 11588
Ion Ratio Lower Upper
43 100
58 41.1 20.2 60.5
85 19.0 15.0 22.6

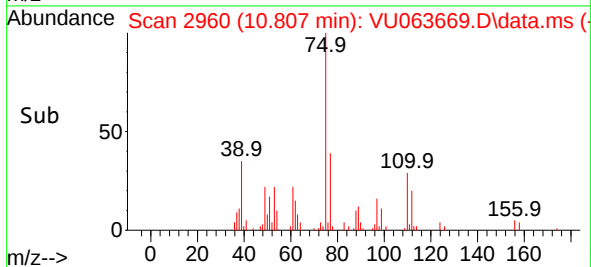
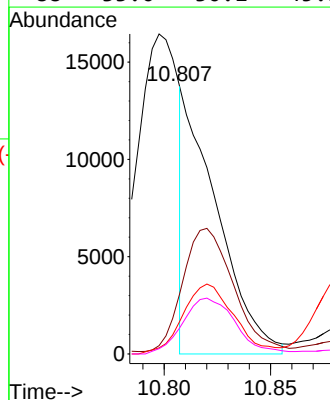
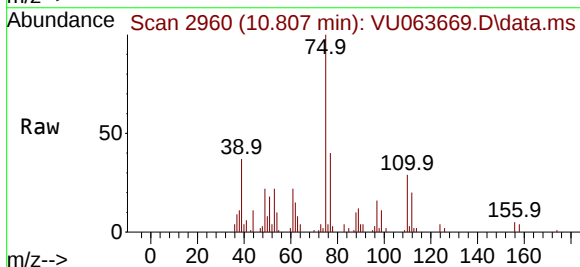
Manual Integrations
APPROVED

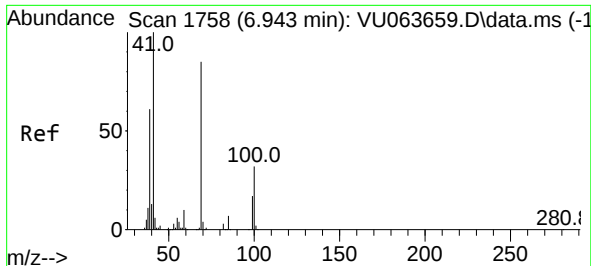
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 3.520 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion: 75 Resp: 15114
Ion Ratio Lower Upper
75 100
53 73.1 57.2 85.8
89 40.0 37.9 56.9
88 33.0 30.1 45.1





#47

Methyl methacrylate

Concen: 4.020 ug/l

RT: 6.946 min Scan# 1758

Delta R.T. 0.003 min

Lab File: VU063669.D

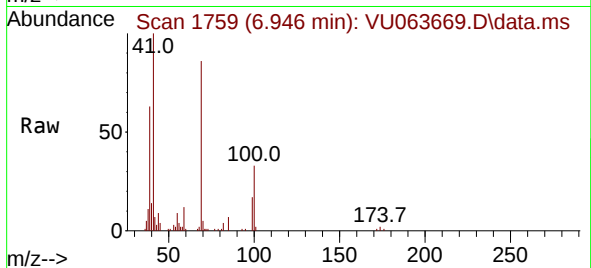
Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01



Tgt Ion: 69 Resp: 3796

Ion Ratio Lower Upper

69 100

41 107.1 0.0 228.2

39 66.6 56.2 84.4

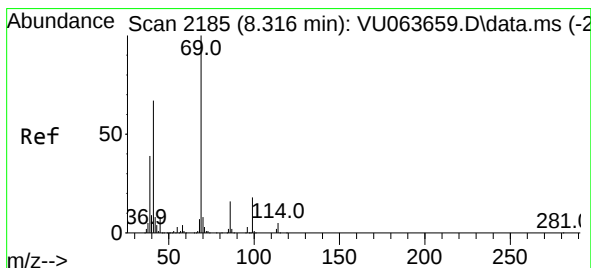
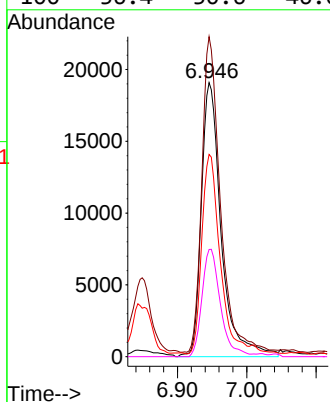
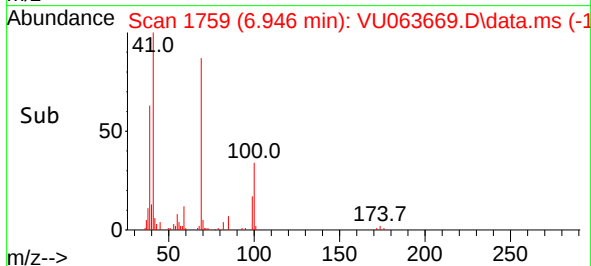
100 36.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#48

Ethyl methacrylate

Concen: 1.857 ug/l

RT: 8.315 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VU063669.D

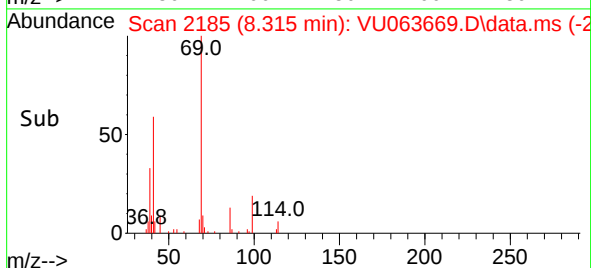
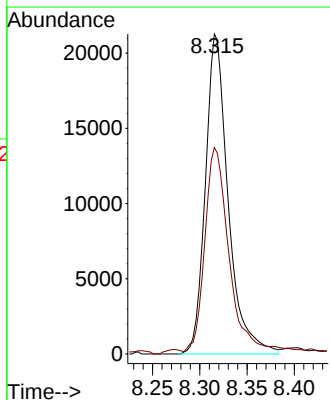
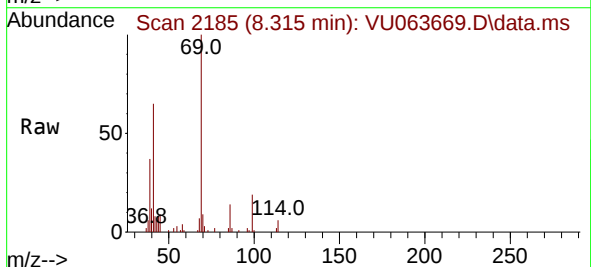
Acq: 05 Nov 2025 12:46

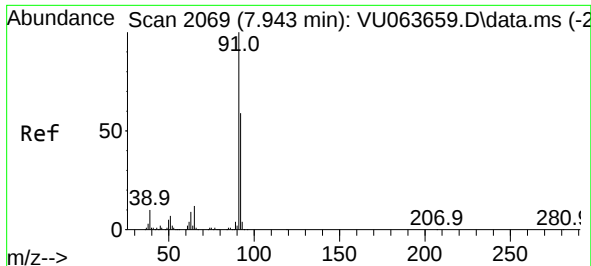
Tgt Ion: 69 Resp: 35673

Ion Ratio Lower Upper

69 100

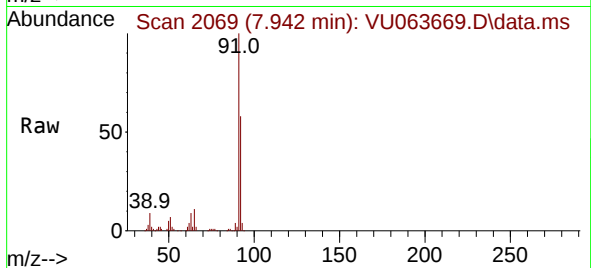
41 67.2 32.8 98.3





#49
Toluene
Concen: 1.986 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

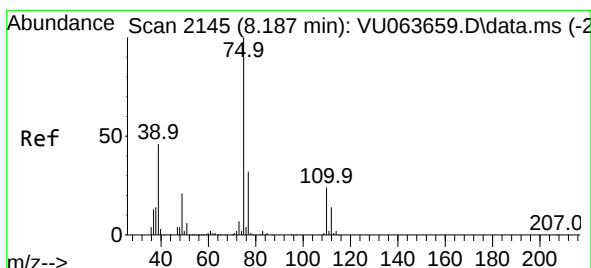
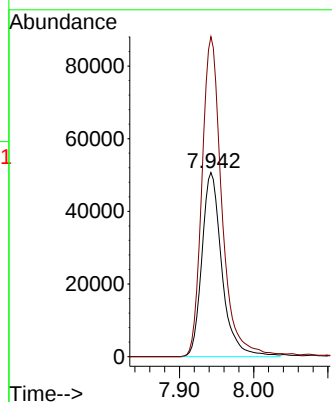
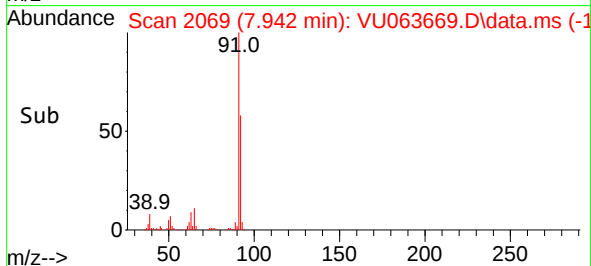
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



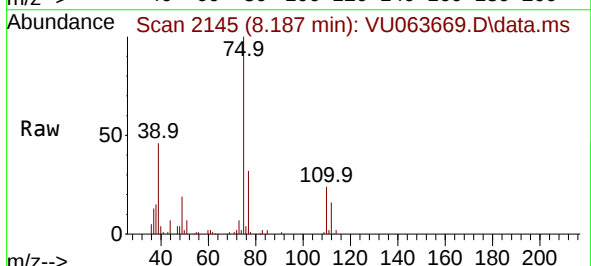
Tgt Ion: 92 Resp: 9500
Ion Ratio Lower Upper
92 100
91 173.3 136.8 205.2

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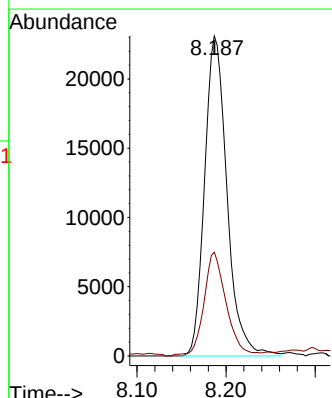
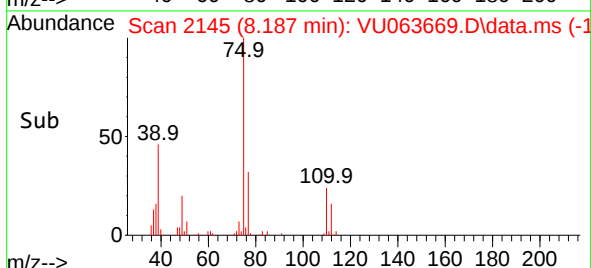
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

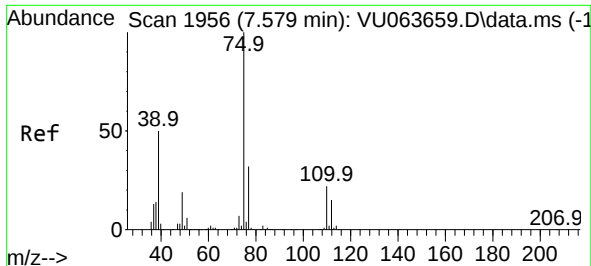


#50
t-1,3-Dichloropropene
Concen: 1.848 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



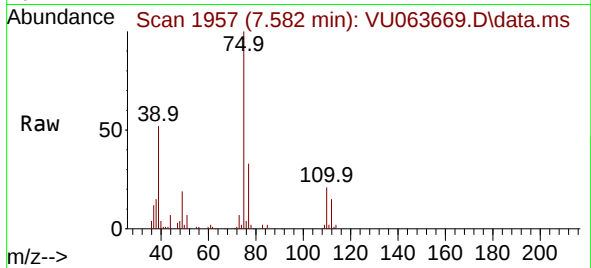
Tgt Ion: 75 Resp: 40318
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 1.829 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

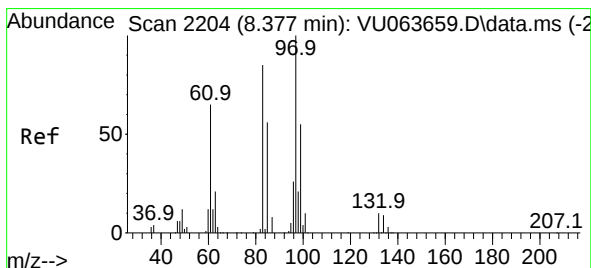
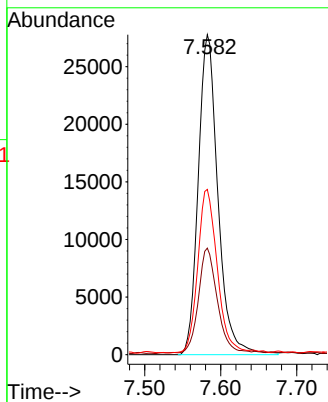
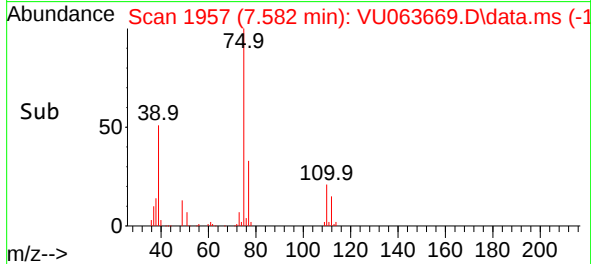
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01



Tgt Ion: 75 Resp: 4992
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.5 38.3
 39 50.9 39.9 59.9

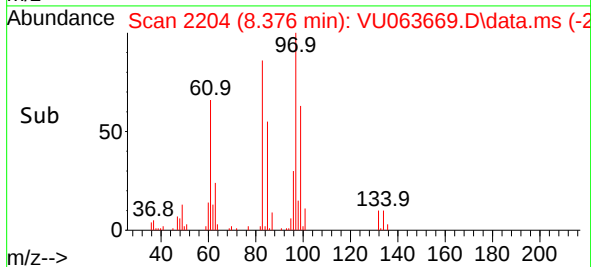
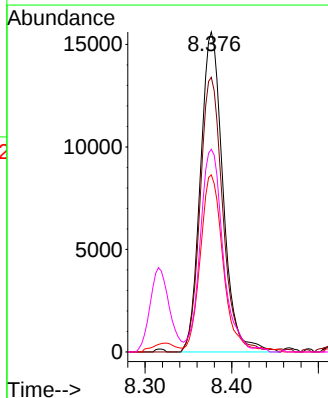
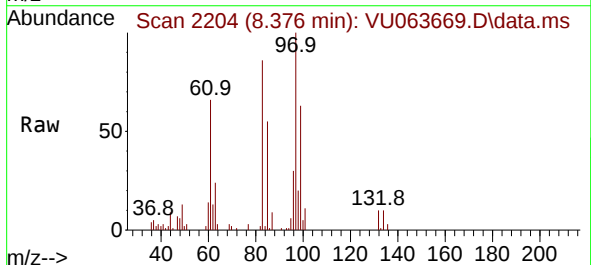
Manual Integrations
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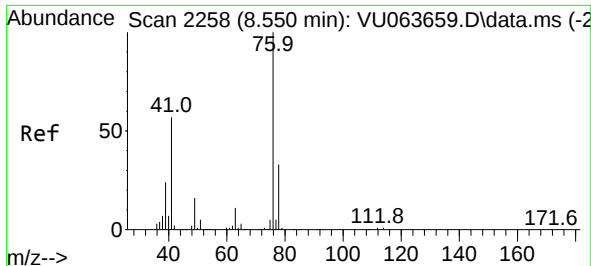
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.022 ug/l
 RT: 8.376 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion: 97 Resp: 28221
 Ion Ratio Lower Upper
 97 100
 83 85.8 68.3 102.5
 85 54.6 45.3 67.9
 99 63.3 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.989 ug/l

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion: 76 Resp: 4960

Ion Ratio Lower Upper

76 100

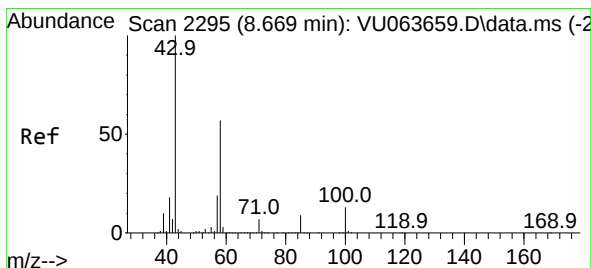
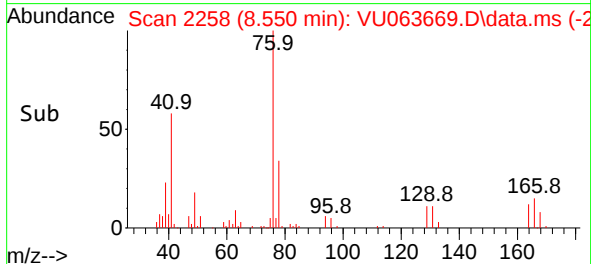
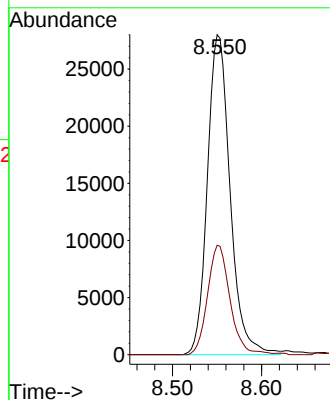
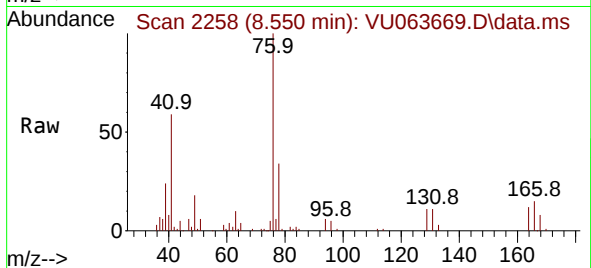
78 33.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 8.382 ug/l

RT: 8.669 min Scan# 2295

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

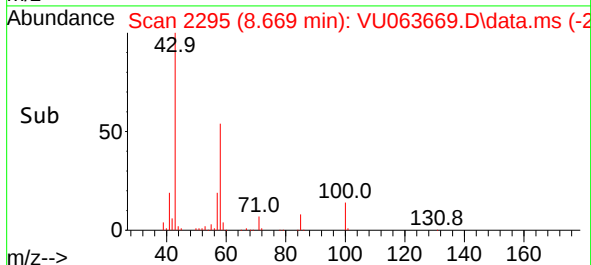
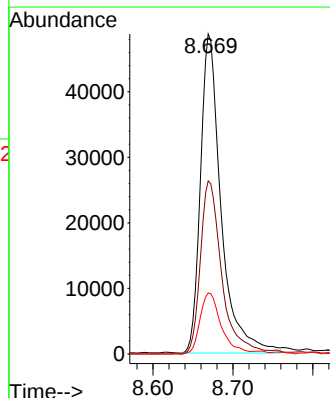
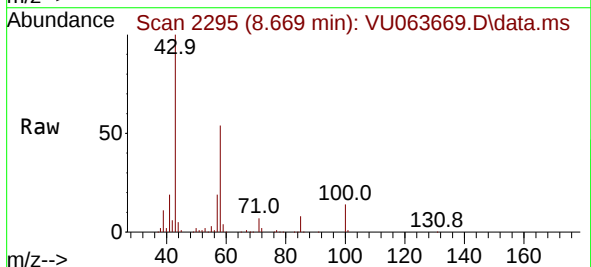
Tgt Ion: 43 Resp: 87609

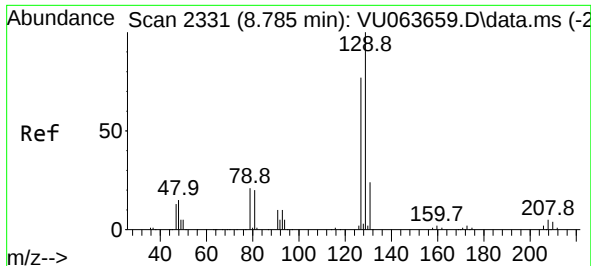
Ion Ratio Lower Upper

43 100

58 55.9 36.3 76.3

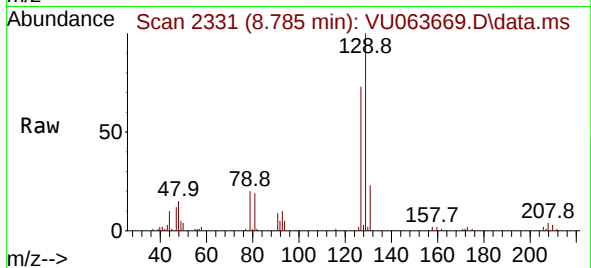
57 19.6 0.0 39.7





#55
Dibromochloromethane
Concen: 1.849 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

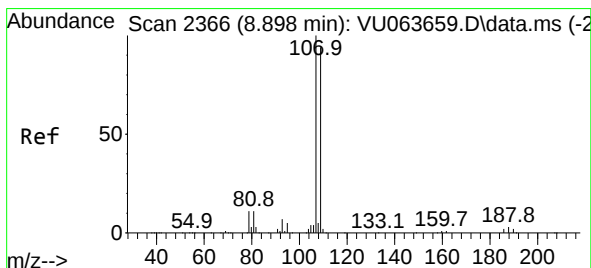
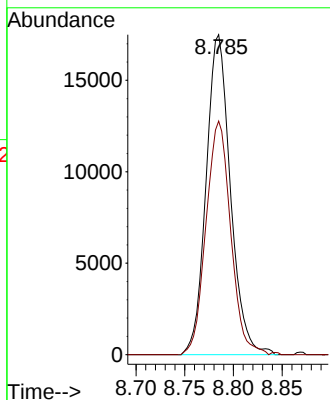
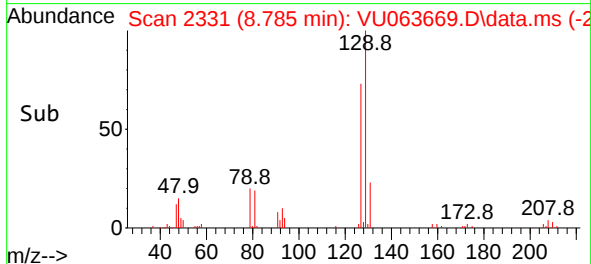
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion:129 Resp: 30380
Ion Ratio Lower Upper
129 100
127 74.0 61.4 92.0

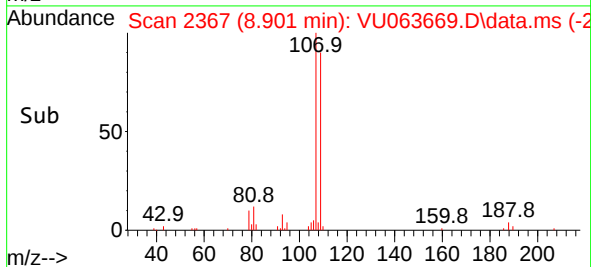
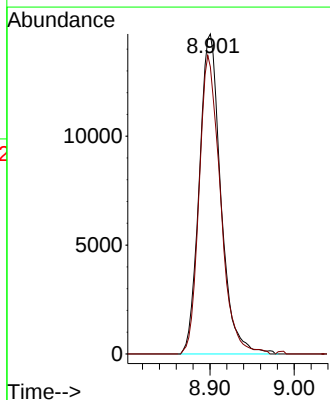
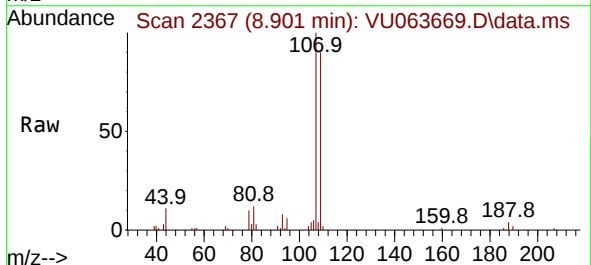
Manual Integrations
APPROVED

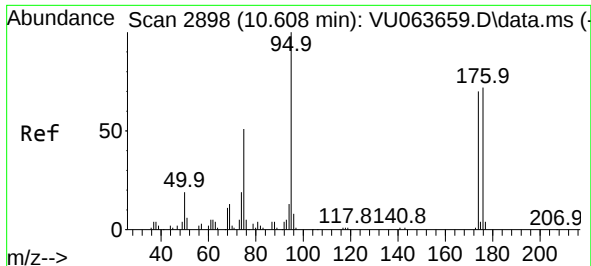
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#56
1,2-Dibromoethane
Concen: 1.970 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

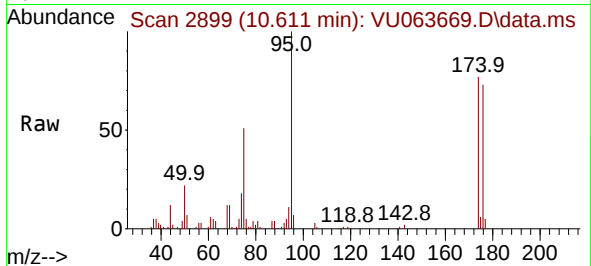
Tgt Ion:107 Resp: 26169
Ion Ratio Lower Upper
107 100
109 92.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

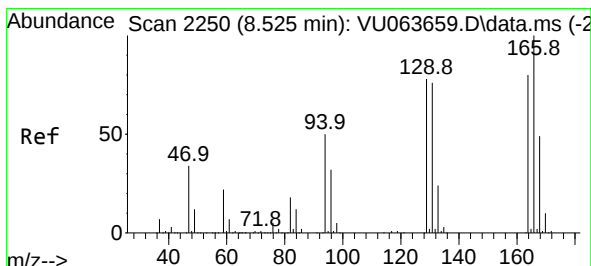
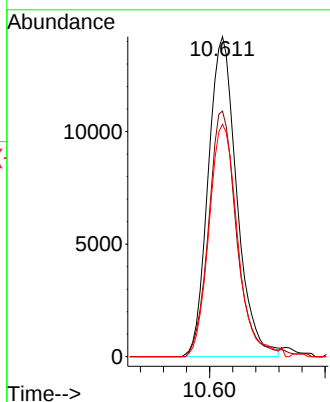
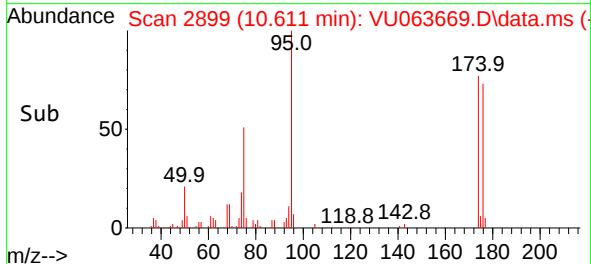
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion: 95 Resp: 2441
Ion Ratio Lower Upper
95 100
174 75.8 59.9 89.9
176 73.0 58.8 88.2

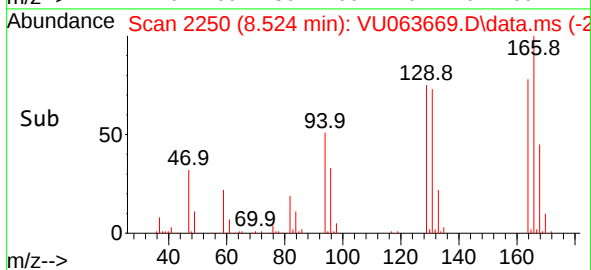
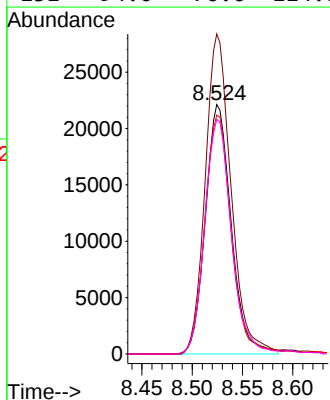
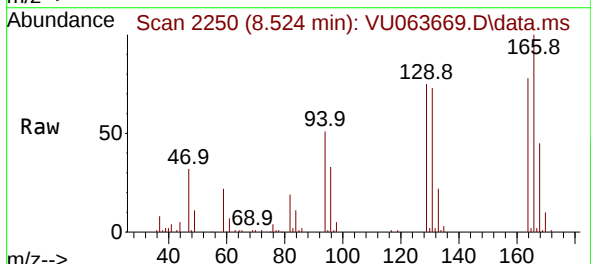
Manual Integrations
APPROVED

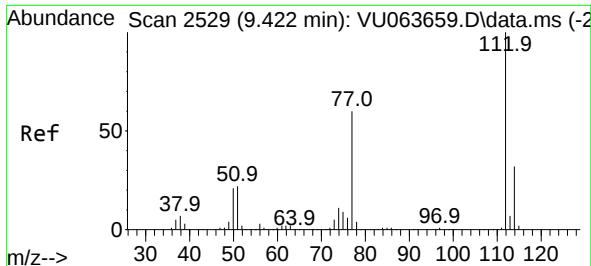
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 2.000 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:164 Resp: 39551
Ion Ratio Lower Upper
164 100
166 128.3 100.1 150.1
129 95.7 77.6 116.4
131 94.0 76.6 114.8





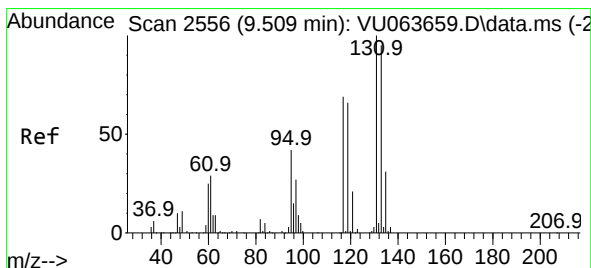
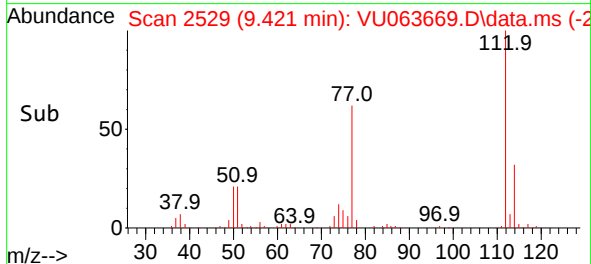
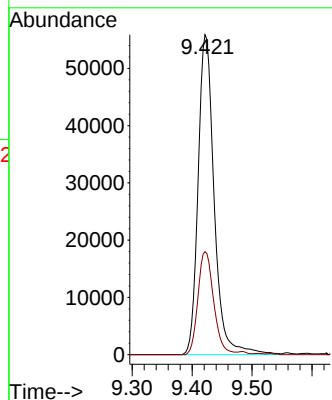
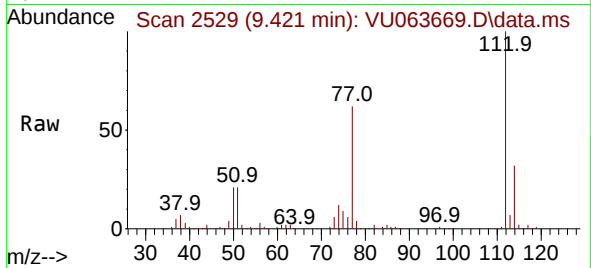
#59
Chlorobenzene
Concen: 2.018 ug/l
RT: 9.421 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion:112 Resp: 10463
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

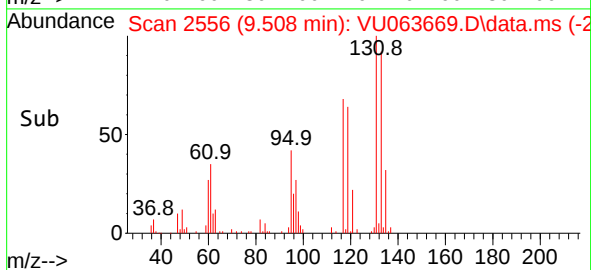
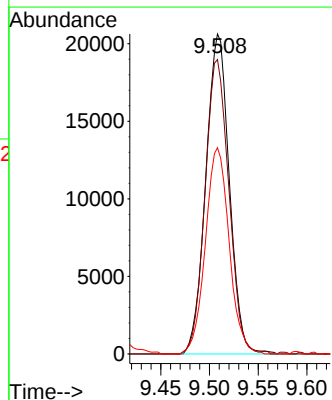
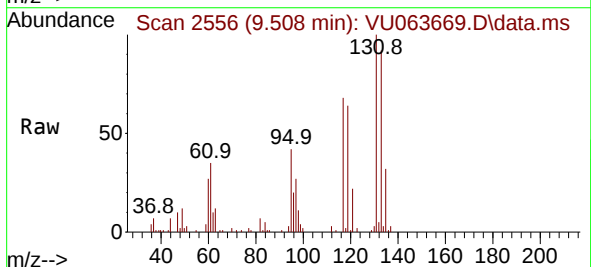
Manual Integrations
APPROVED

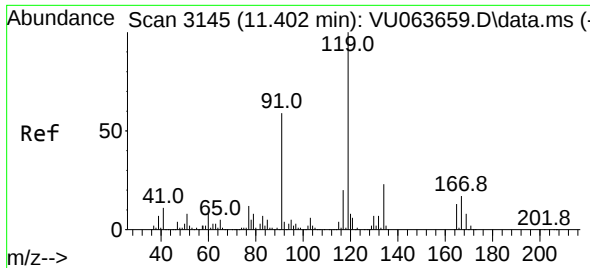
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.908 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:131 Resp: 34638
Ion Ratio Lower Upper
131 100
133 92.9 77.0 115.6
119 65.1 52.8 79.2





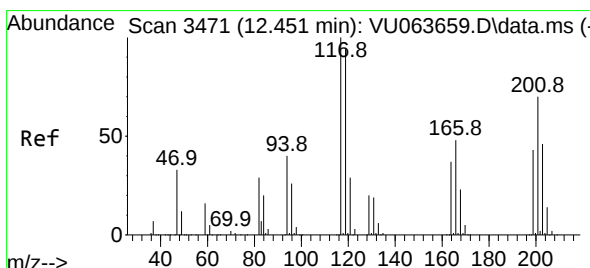
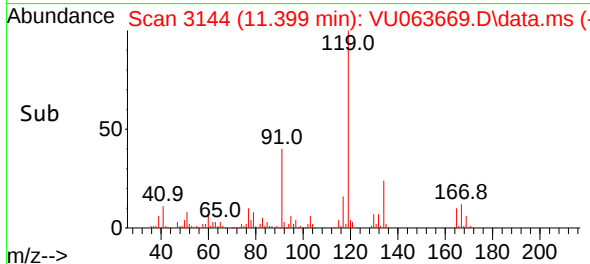
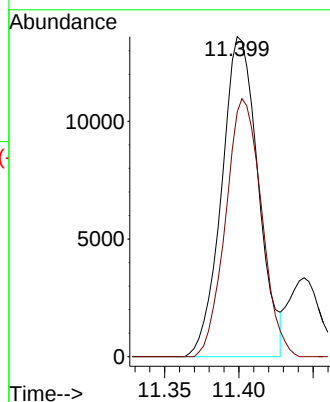
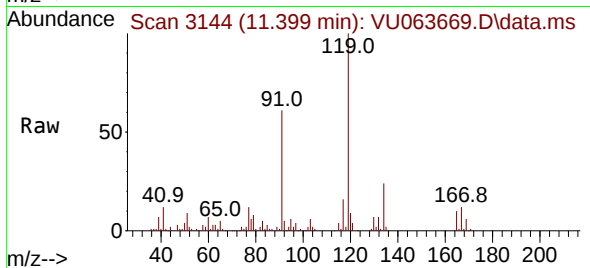
#61
 Pentachloroethane
 Concen: 1.845 ug/l
 RT: 11.399 min Scan# 3144
 Delta R.T. -0.003 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tgt Ion:117 Resp: 2324
 Ion Ratio Lower Upper
 117 100
 167 79.2 62.8 94.2

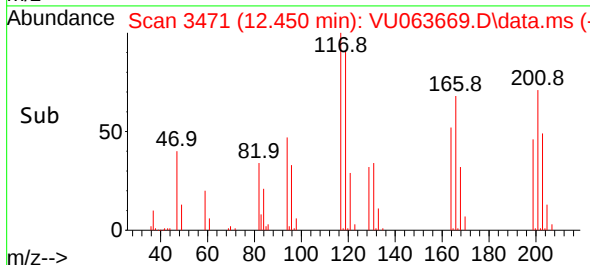
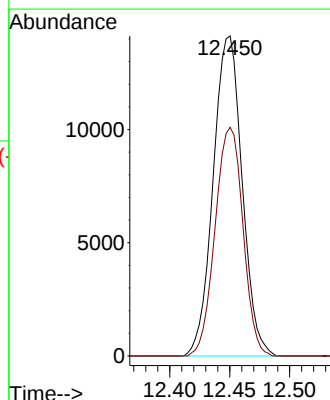
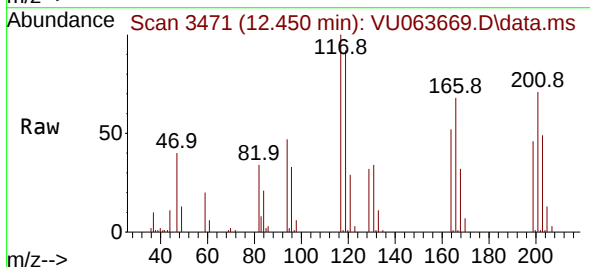
Manual Integrations
 APPROVED

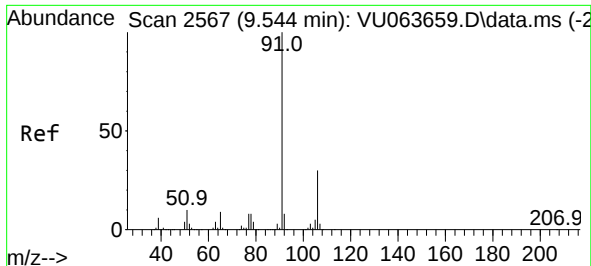
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#62
 Hexachloroethane
 Concen: 1.718 ug/l
 RT: 12.450 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

Tgt Ion:117 Resp: 23718
 Ion Ratio Lower Upper
 117 100
 201 68.7 56.3 84.5





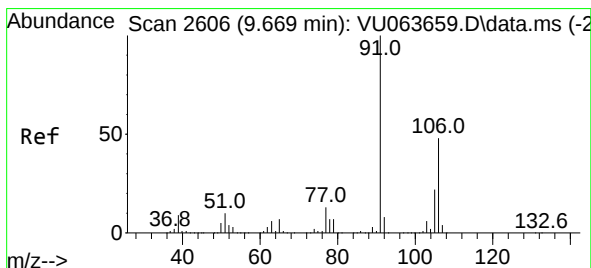
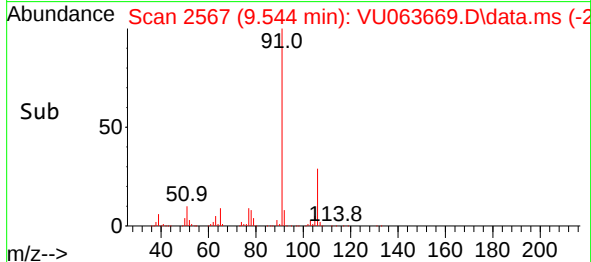
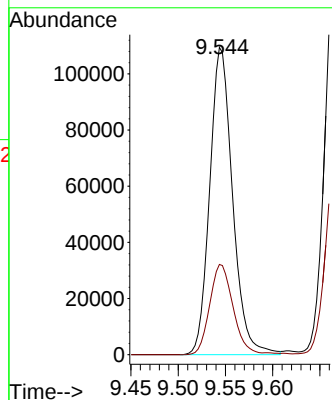
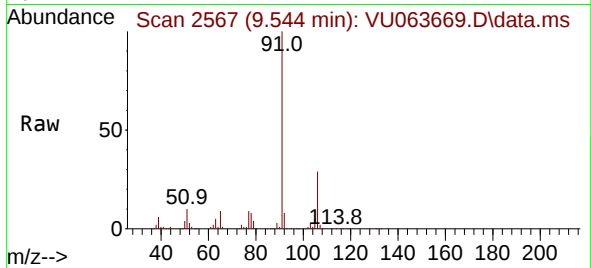
#63
Ethyl Benzene
Concen: 1.960 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 91 Resp: 184158
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

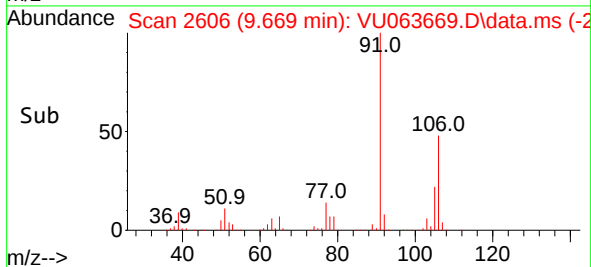
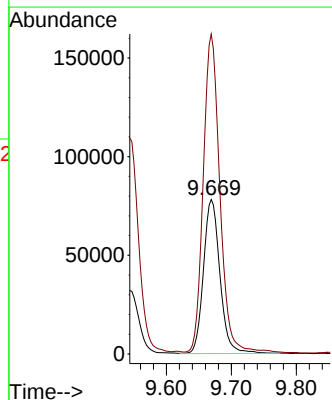
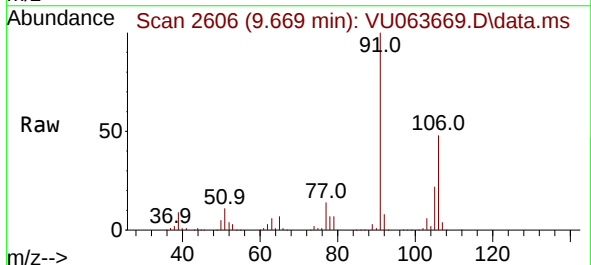
Manual Integrations
APPROVED

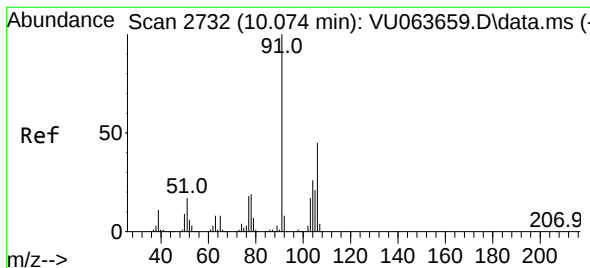
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 3.935 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:106 Resp: 137992
Ion Ratio Lower Upper
106 100
91 205.3 167.0 250.4





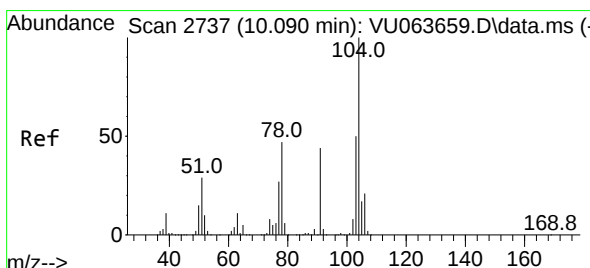
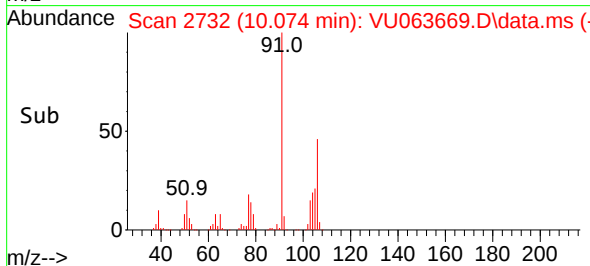
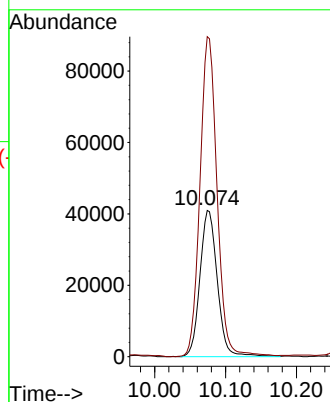
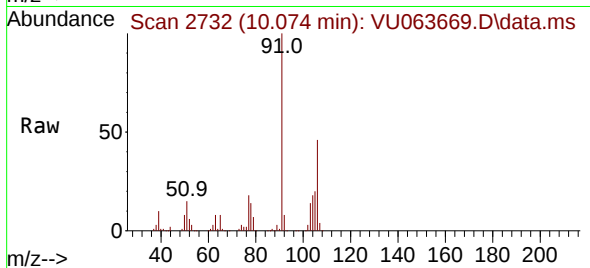
#65
o-Xylene
Concen: 2.028 ug/l
RT: 10.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion:106 Resp: 6968
Ion Ratio Lower Upper
106 100
91 215.7 109.3 327.9

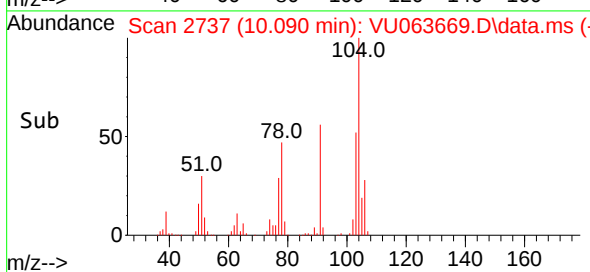
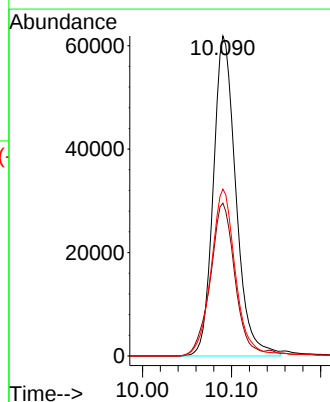
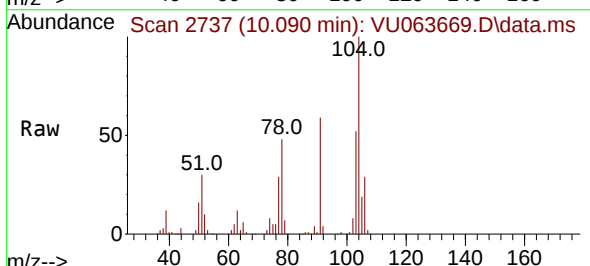
Manual Integrations
APPROVED

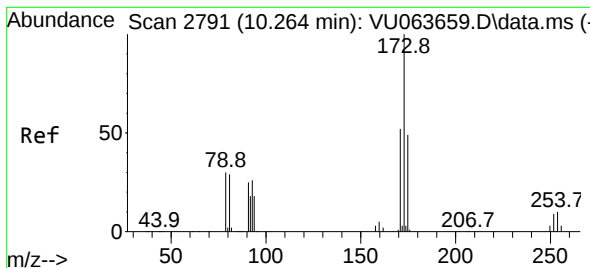
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 1.958 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:104 Resp: 109136
Ion Ratio Lower Upper
104 100
78 51.6 42.8 64.2
103 56.8 43.9 65.9





#67

Bromoform

Concen: 1.764 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

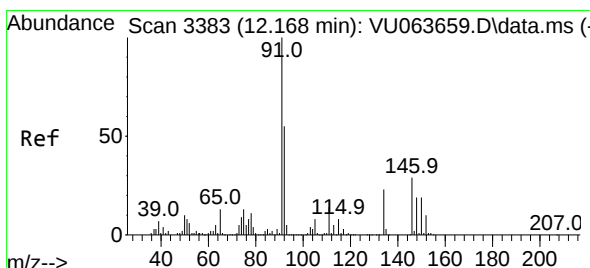
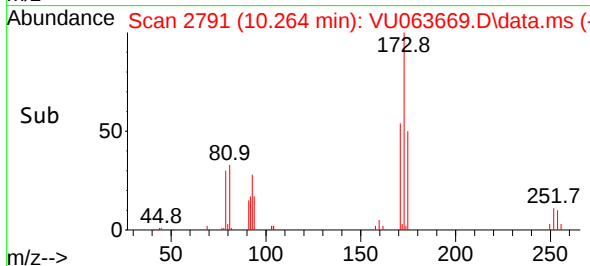
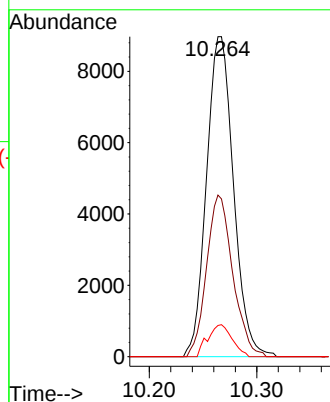
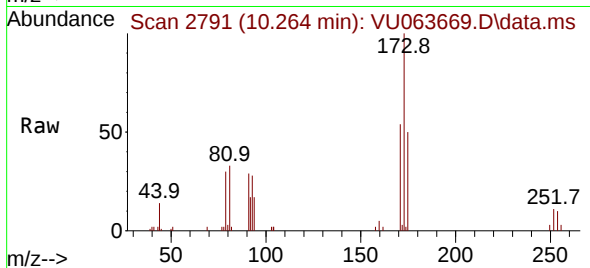
Tgt Ion:	173	Resp:	1564
Ion Ratio	Lower	Upper	
173	100		
175	49.0	39.0	58.4
254	9.0	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.967 ug/l

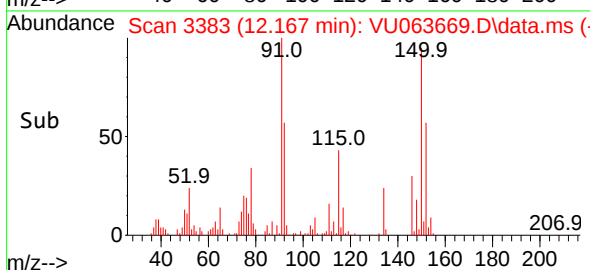
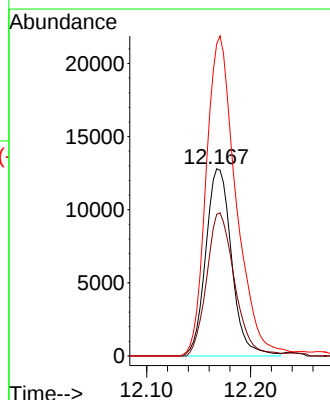
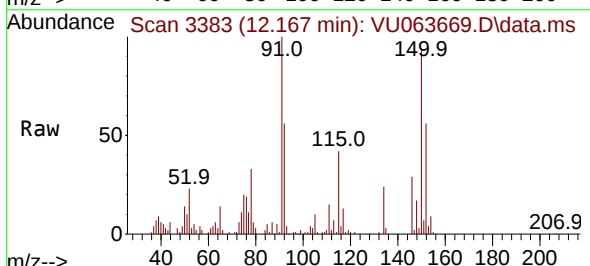
RT: 12.167 min Scan# 3383

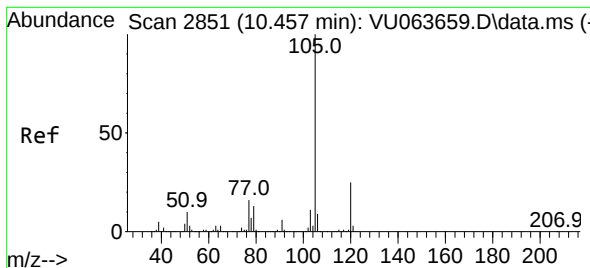
Delta R.T. -0.000 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Tgt Ion:	152	Resp:	22127
Ion Ratio	Lower	Upper	
152	100		
115	82.8	0.0	247.2
150	197.4	0.0	643.6





#69

Isopropylbenzene

Concen: 1.992 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

Tgt Ion:105 Resp: 16908

Ion Ratio Lower Upper

105 100

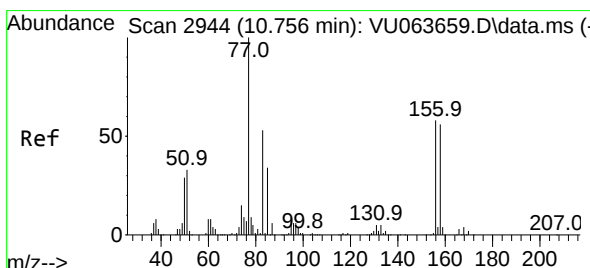
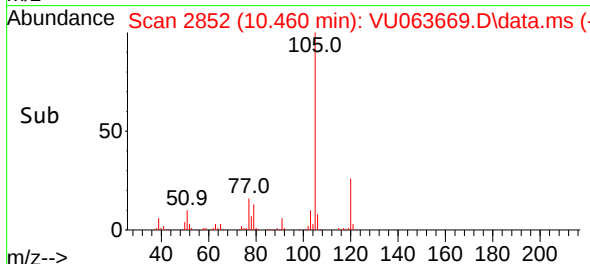
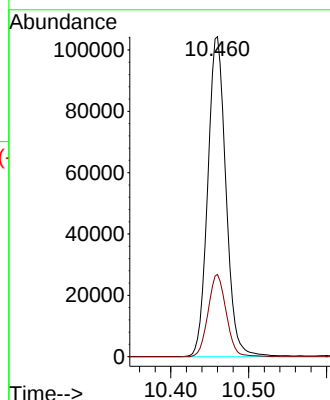
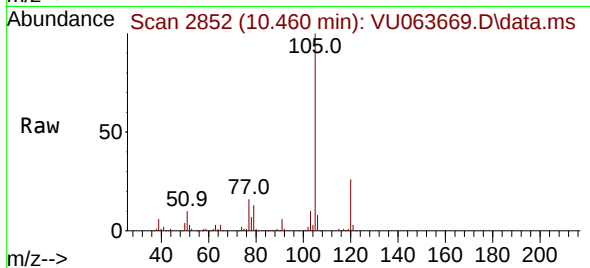
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 2.003 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063669.D

Acq: 05 Nov 2025 12:46

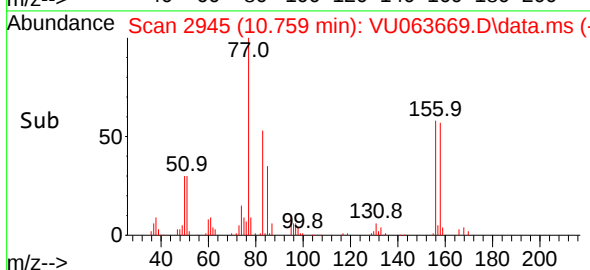
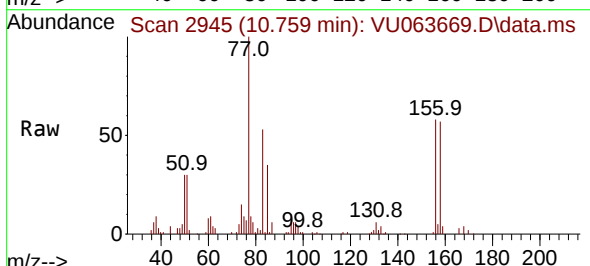
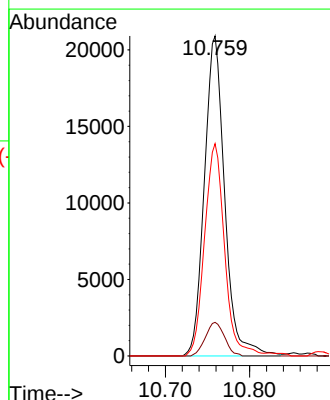
Tgt Ion: 83 Resp: 35118

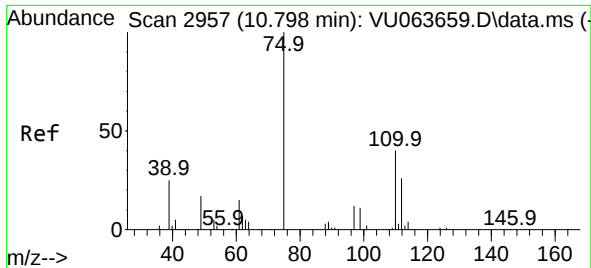
Ion Ratio Lower Upper

83 100

131 9.9 8.1 12.1

85 65.2 51.0 76.6





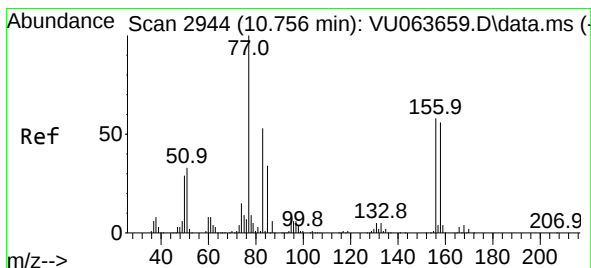
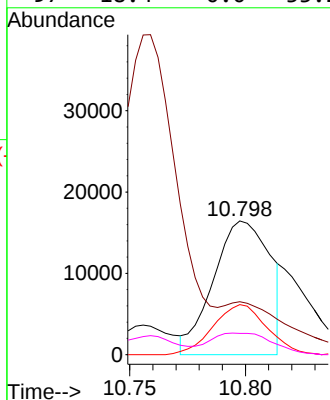
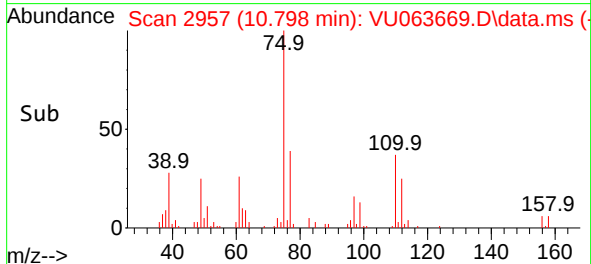
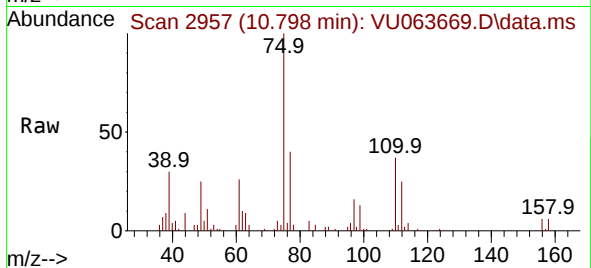
#71
1,2,3-Trichloropropane
Concen: 1.832 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion: 75	Resp: 2793
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 35.7	0.0 66.4
97 18.4	0.0 33.2

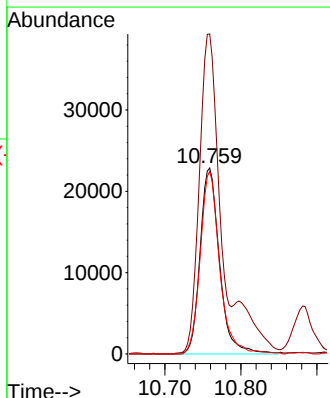
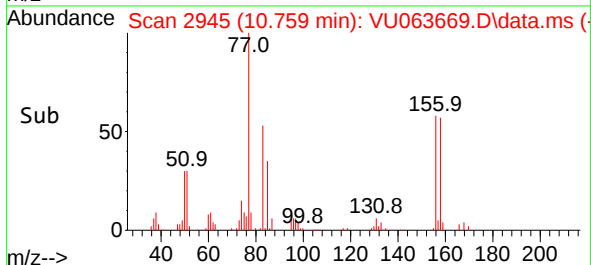
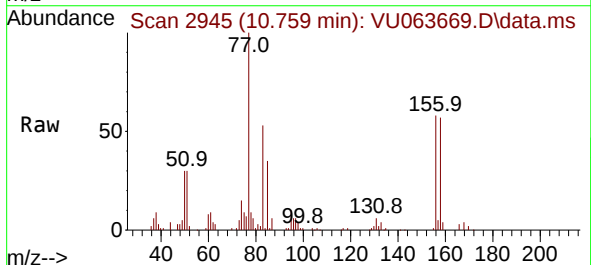
Manual Integrations
APPROVED

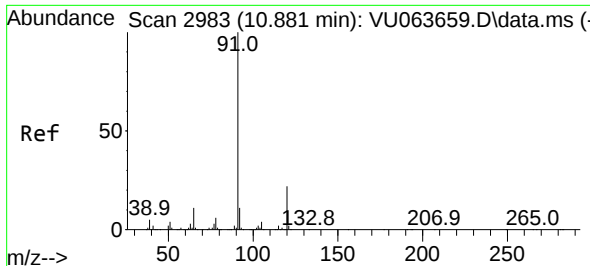
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#72
Bromobenzene
Concen: 1.983 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:156	Resp:	40692	
Ion	Ratio	Lower	Upper
156	100		
77	170.7	0.0	337.2
158	96.8	0.0	191.8





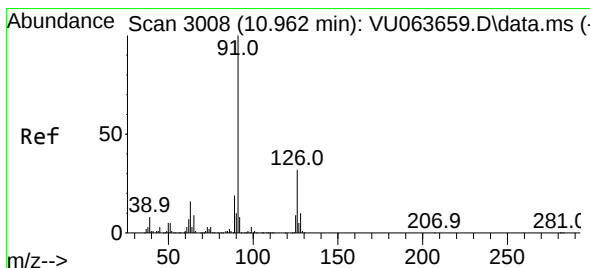
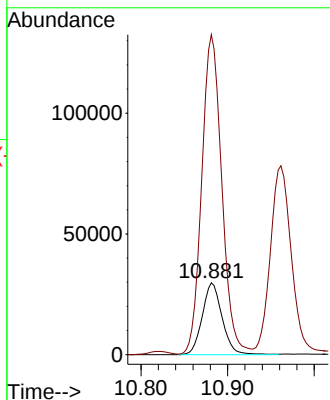
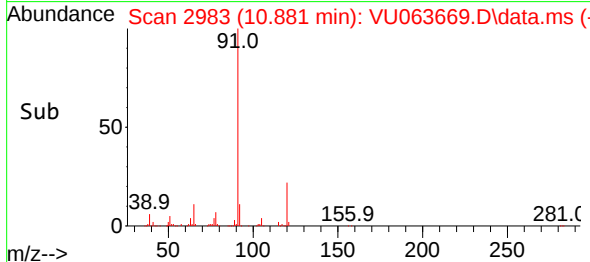
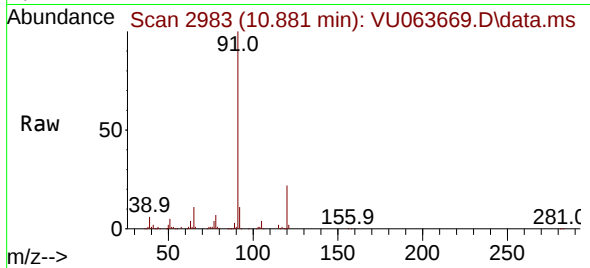
#73
n-propylbenzene
Concen: 1.964 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion:120 Resp: 47360
Ion Ratio Lower Upper
120 100
91 448.5 361.4 542.2

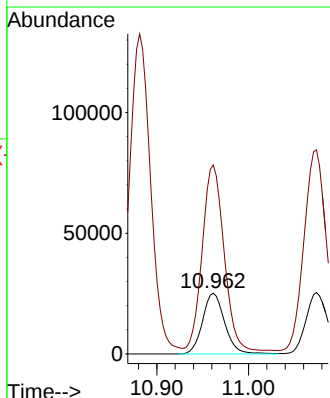
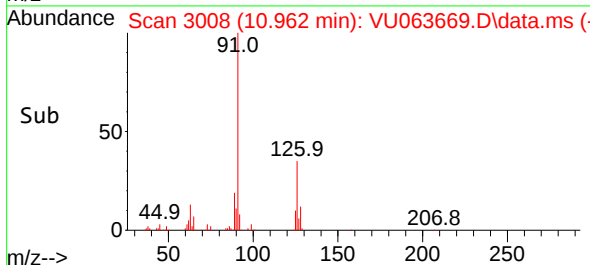
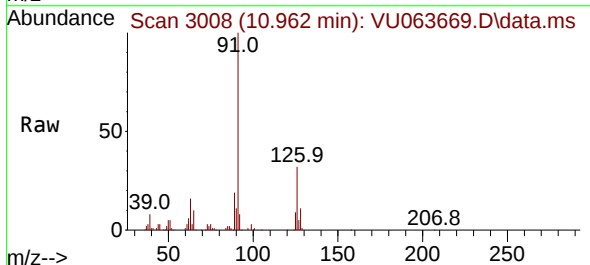
Manual Integrations
APPROVED

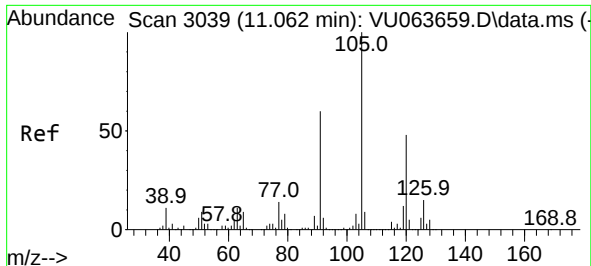
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 2.016 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:126 Resp: 42138
Ion Ratio Lower Upper
126 100
91 312.0 0.0 634.8





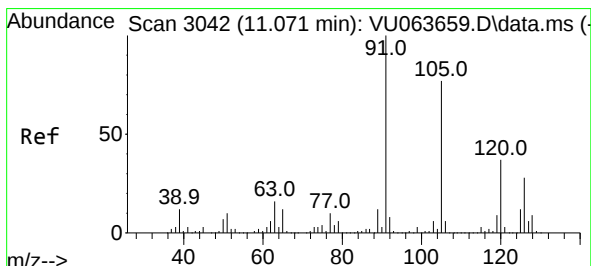
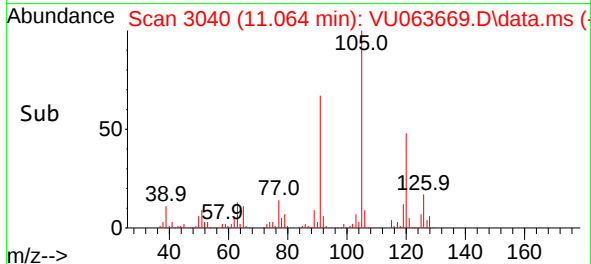
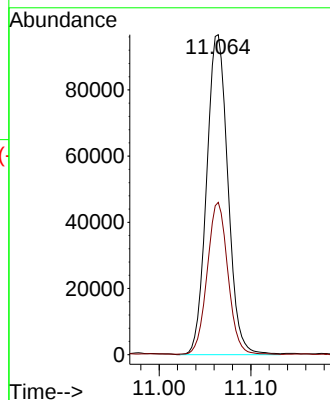
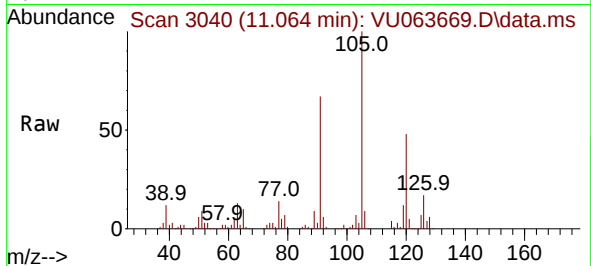
#75
1,3,5-Trimethylbenzene
Concen: 1.987 ug/l
RT: 11.064 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion:105 Resp: 15592
Ion Ratio Lower Upper
105 100
120 46.1 38.2 57.2

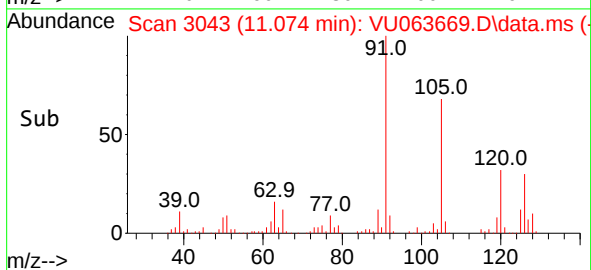
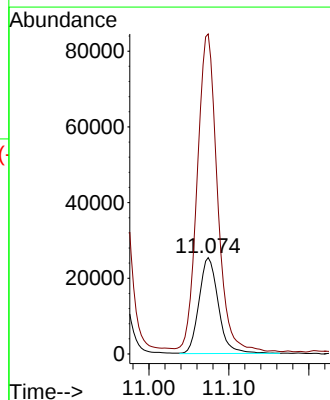
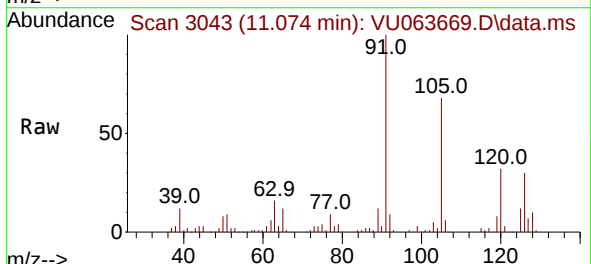
Manual Integrations
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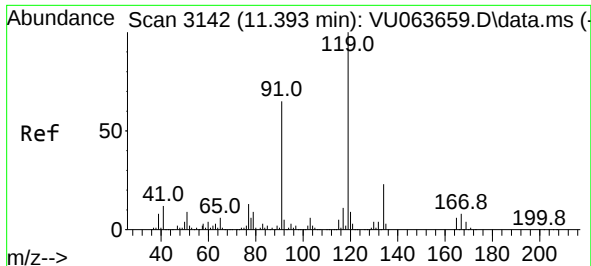
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#76
4-Chlorotoluene
Concen: 2.022 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

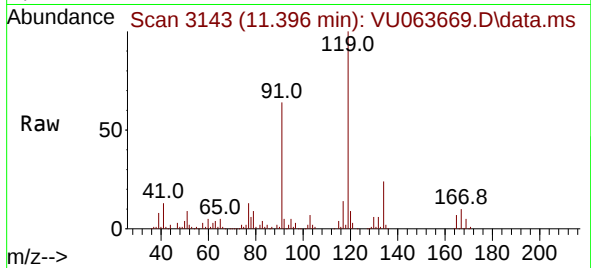
Tgt Ion:126 Resp: 42442
Ion Ratio Lower Upper
126 100
91 346.6 0.0 716.6





#77
tert-Butylbenzene
Concen: 1.975 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

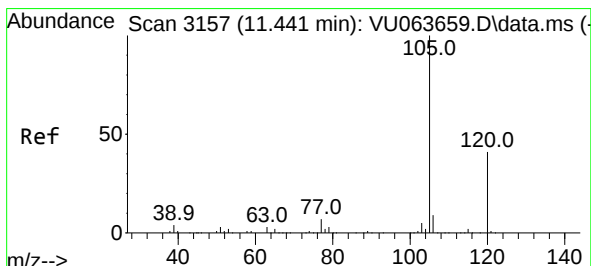
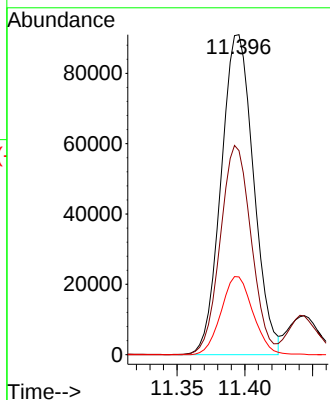
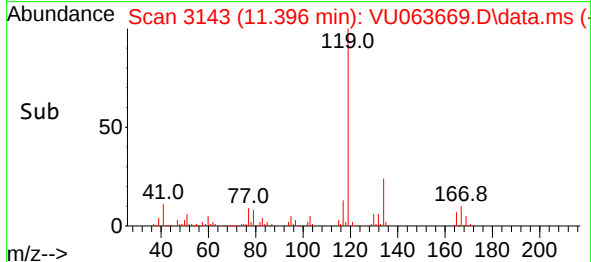
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



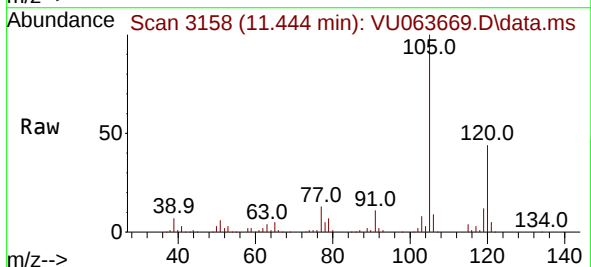
Tgt Ion:119 Resp: 151844
Ion Ratio Lower Upper
119 100
91 62.2 31.3 93.8
134 23.9 18.7 28.1

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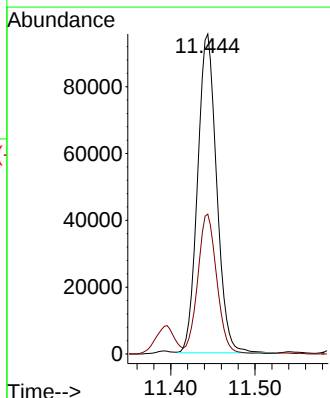
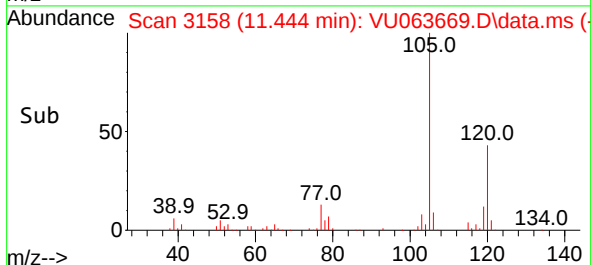
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

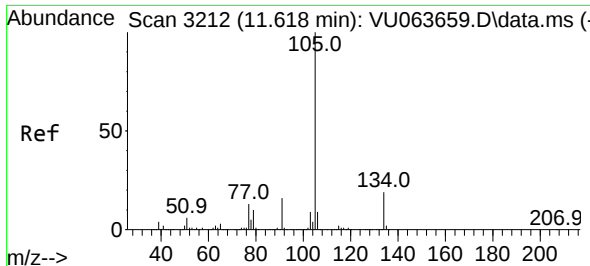


#78
1,2,4-Trimethylbenzene
Concen: 1.997 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



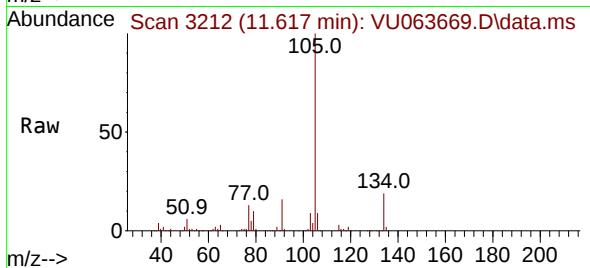
Tgt Ion:105 Resp: 150383
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 1.990 ug/l
 RT: 11.617 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

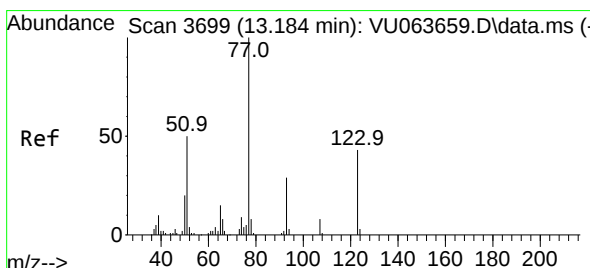
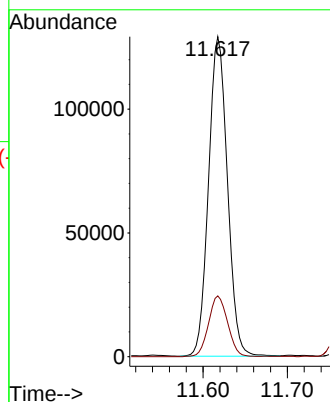
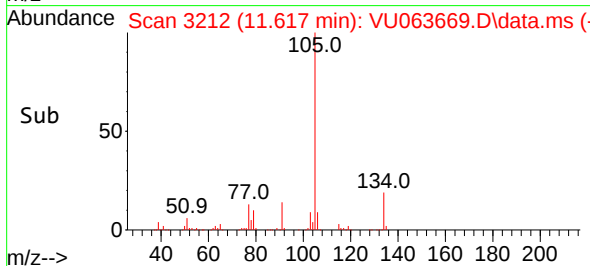
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01



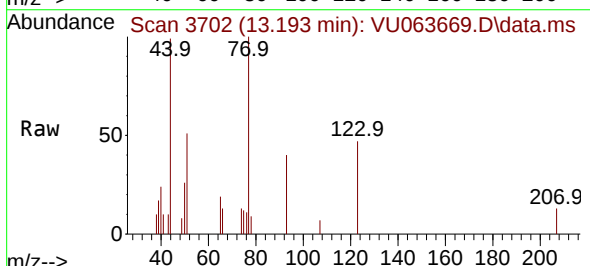
Tgt Ion: 105 Resp: 20123
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5

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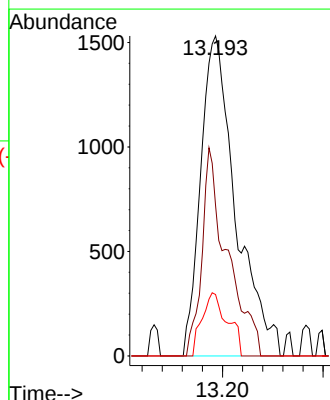
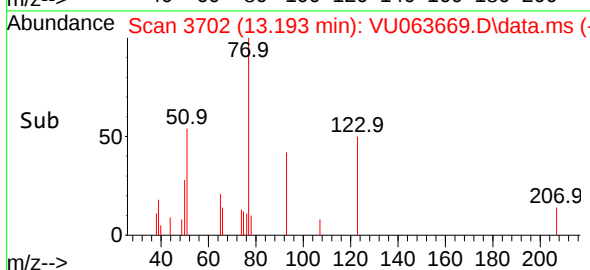
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

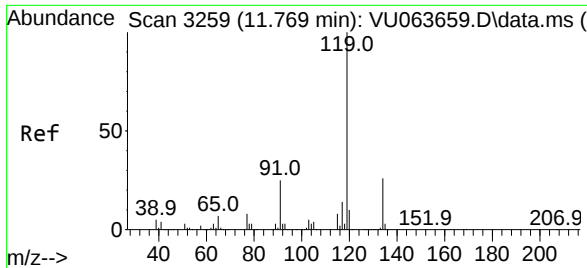


#80
 Nitrobenzene
 Concen: 6.022 ug/l
 RT: 13.193 min Scan# 3702
 Delta R.T. 0.009 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46



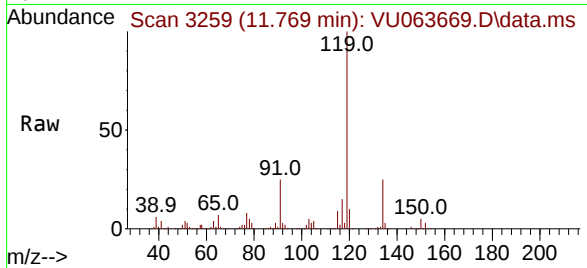
Tgt Ion: 77 Resp: 3713
 Ion Ratio Lower Upper
 77 100
 123 46.7 18.2 64.4
 65 14.3 13.6 17.2





#81
p-Isopropyltoluene
Concen: 1.934 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

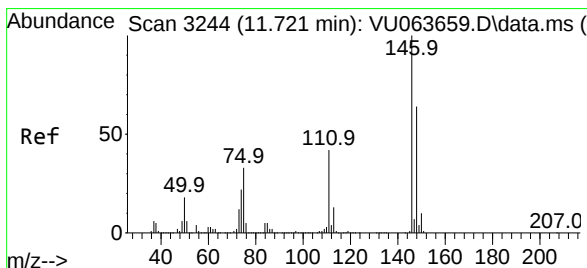
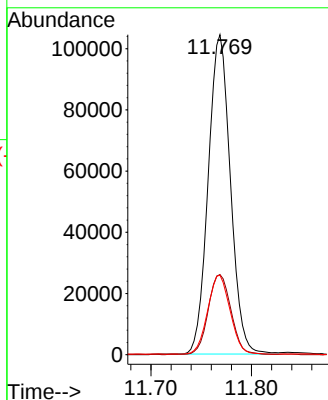
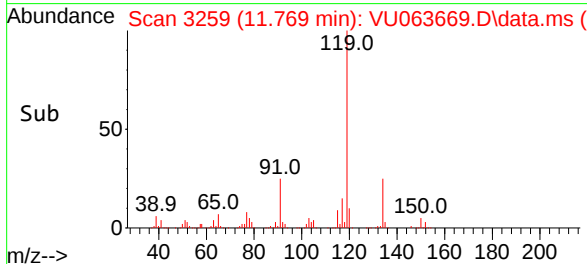
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



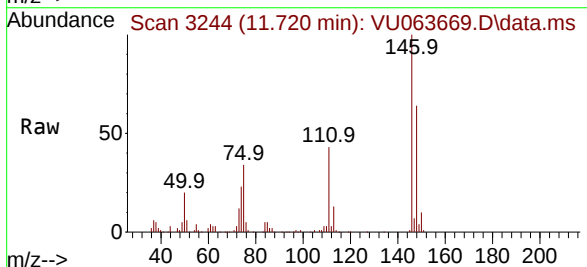
Tgt Ion:119 Resp: 16015
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 24.8 20.1 30.1

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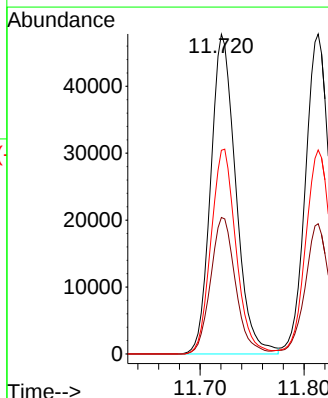
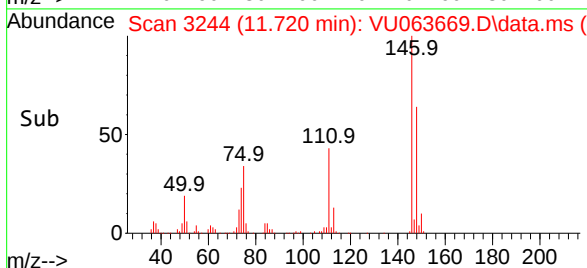
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

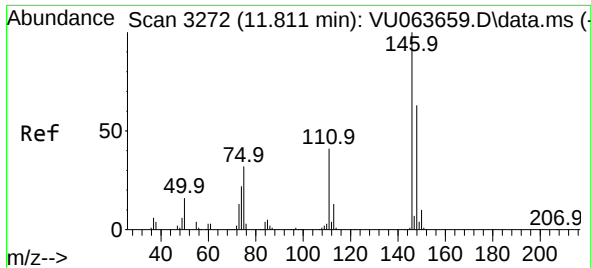


#82
1,3-Dichlorobenzene
Concen: 2.015 ug/l
RT: 11.720 min Scan# 3244
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46



Tgt Ion:146 Resp: 80101
Ion Ratio Lower Upper
146 100
111 42.4 33.8 50.8
148 63.8 50.8 76.2





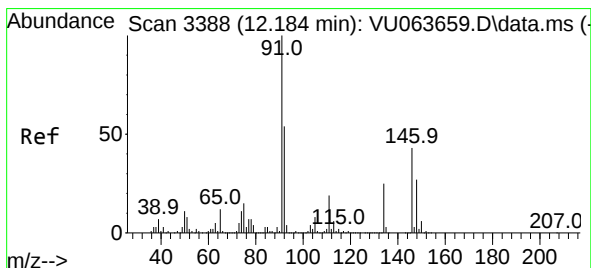
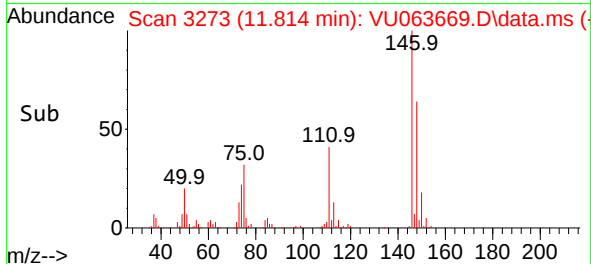
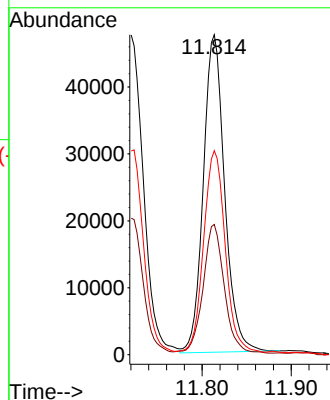
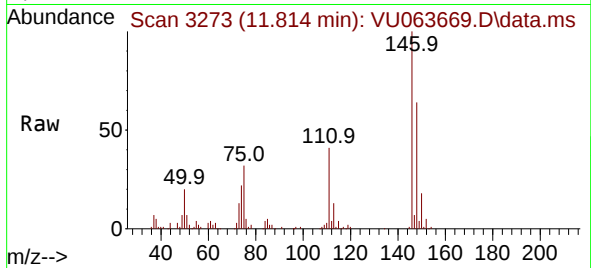
#83
1,4-Dichlorobenzene
Concen: 1.999 ug/l
RT: 11.814 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tgt Ion:146 Resp: 7895
Ion Ratio Lower Upper
146 100
111 40.6 33.0 49.4
148 64.5 50.6 76.0

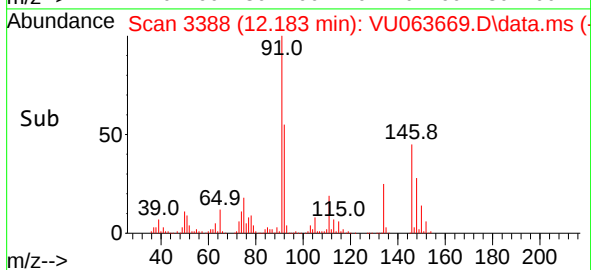
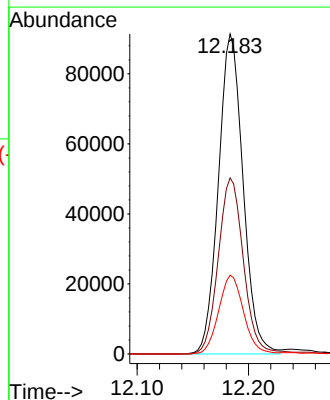
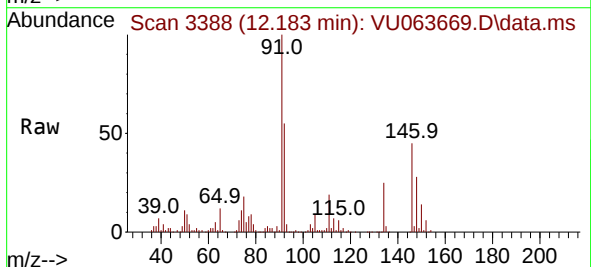
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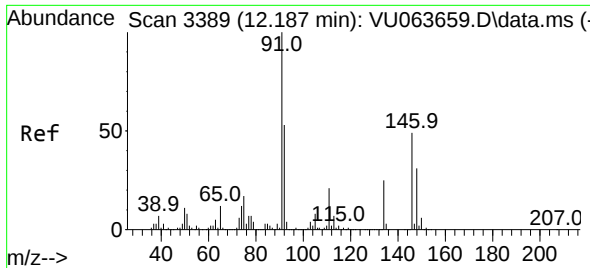
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
n-Butylbenzene
Concen: 1.896 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

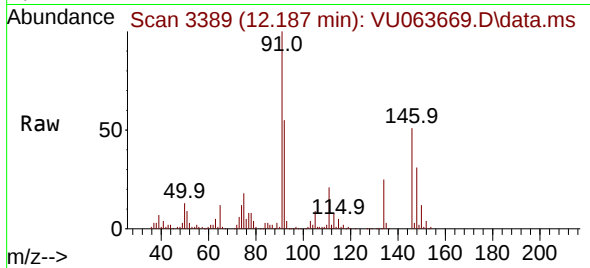
Tgt Ion: 91 Resp: 140743
Ion Ratio Lower Upper
91 100
92 56.2 43.1 64.7
134 24.8 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 2.004 ug/l
RT: 12.187 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

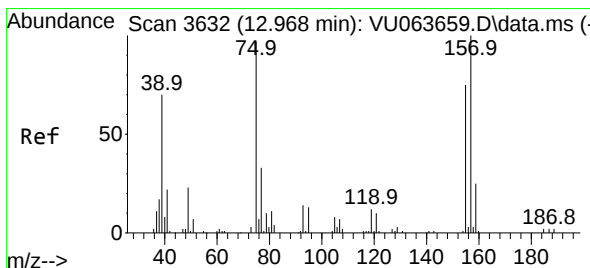
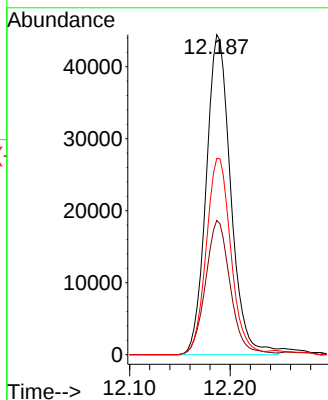
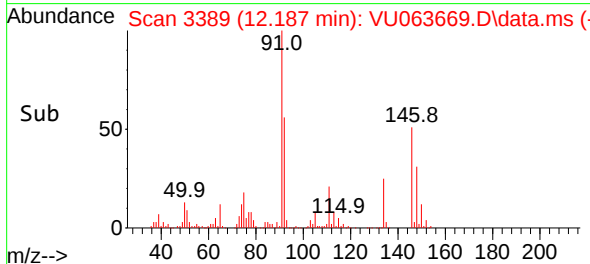
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion:146 Resp: 75350
Ion Ratio Lower Upper
146 100
111 42.3 22.2 66.6
148 61.6 31.9 95.5

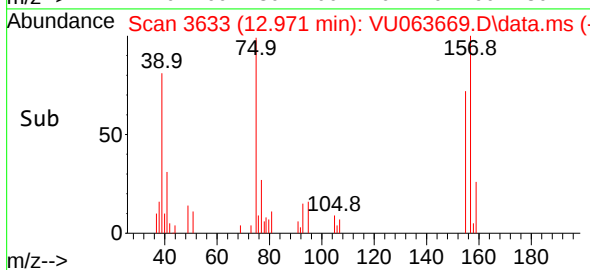
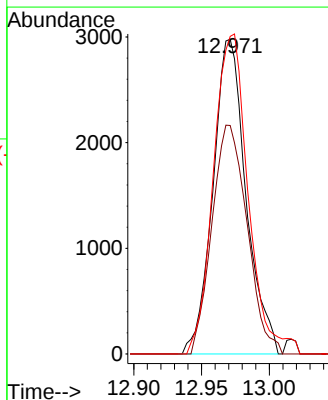
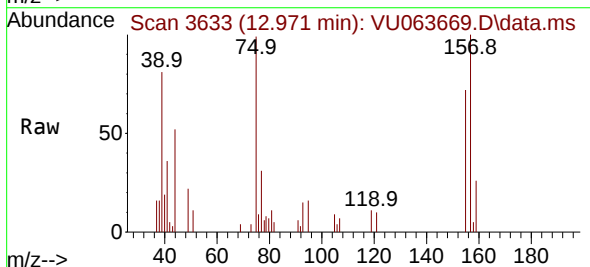
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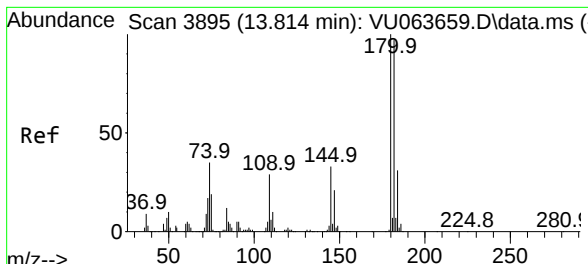
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.742 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

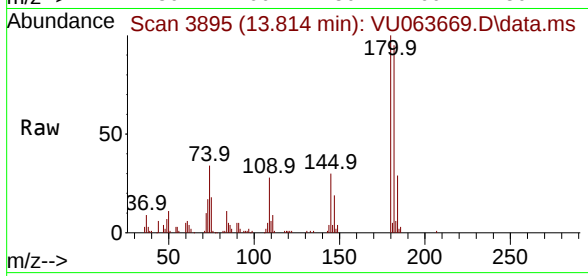
Tgt Ion: 75 Resp: 5060
Ion Ratio Lower Upper
75 100
155 77.2 62.2 93.4
157 106.6 81.3 121.9





#87
 1,2,4-Trichlorobenzene
 Concen: 2.040 ug/l
 RT: 13.814 min Scan# 3895
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46

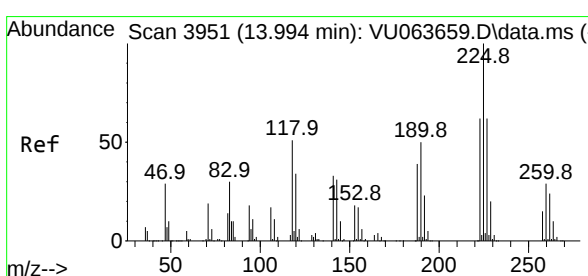
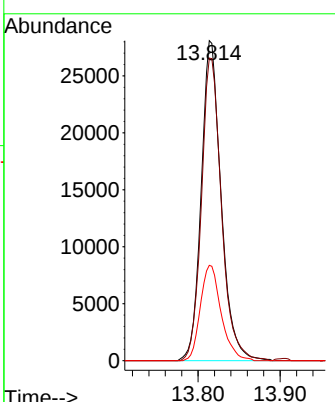
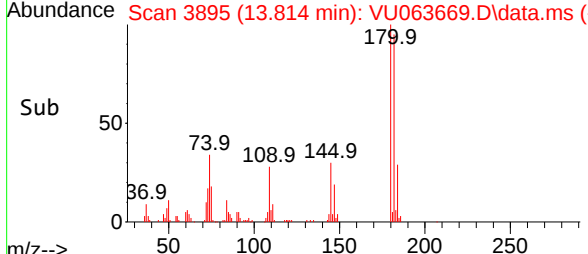
Instrument : MSVOA_U
 ClientSampleId : VU1105WBS01



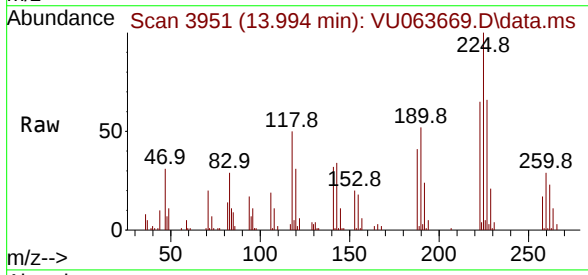
Tgt Ion:180 Resp: 47258

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	31.2	26.2	39.2

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 Supervised By :Mahesh Dadoda 11/12/2025

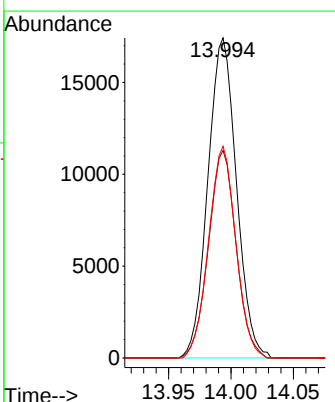
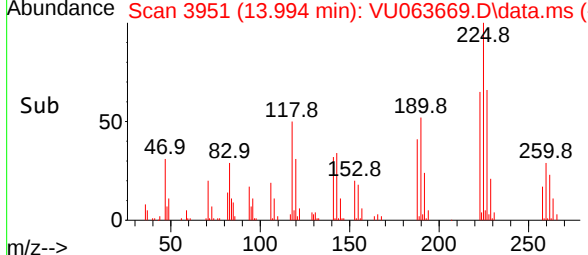


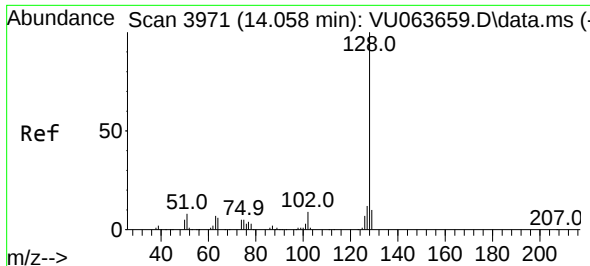
#88
 Hexachlorobutadiene
 Concen: 2.014 ug/l
 RT: 13.994 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VU063669.D
 Acq: 05 Nov 2025 12:46



Tgt Ion:225 Resp: 27778

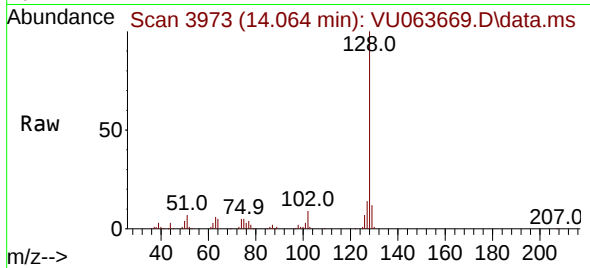
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.4
227	63.3	50.0	75.0





#89
Naphthalene
Concen: 2.028 ug/l
RT: 14.064 min Scan# 3971
Delta R.T. 0.006 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

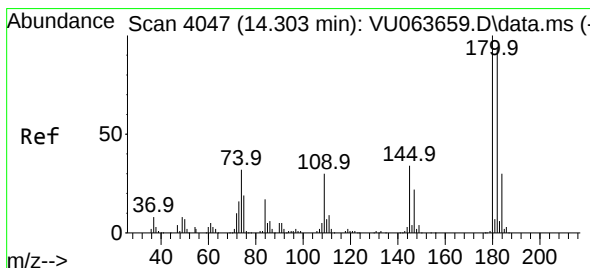
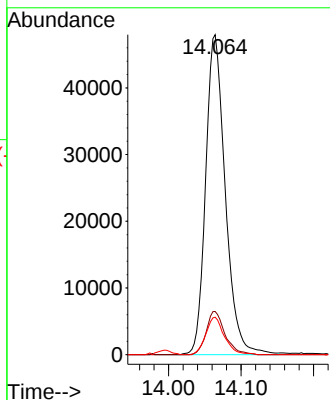
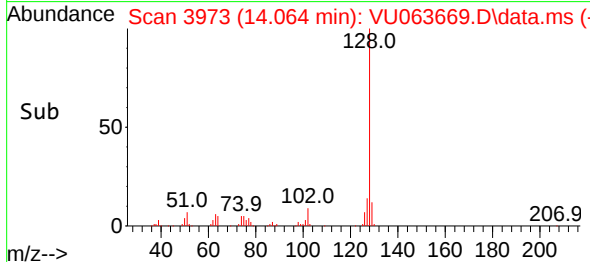
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01



Tgt Ion:128 Resp: 90350
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 8.6 12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 2.064 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063669.D
Acq: 05 Nov 2025 12:46

Tgt Ion:180 Resp: 43714
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 34.0 27.4 41.2

