

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063546.D
 Acq On : 21 Jul 2025 09:13
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 04:06:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	25321	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10831	1.130	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	8838	0.997	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	67557	9.048	ug/l	100
3) Chloromethane	1.515	50	66106	9.525	ug/l	99
4) Vinyl Chloride	1.599	62	78283	8.856	ug/l	100
5) Bromomethane	1.843	94	60496	9.076	ug/l	98
6) Chloroethane	1.924	64	48189	9.029	ug/l	98
7) Trichlorofluoromethane	2.129	101	116078	9.146	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	61274	9.239	ug/l	99
9) 1,1-Dichloroethene	2.570	96	58107	8.839	ug/l	98
10) Iodomethane	2.711	142	61643	6.613	ug/l	99
11) Allyl Chloride	2.911	41	84069	8.852	ug/l	98
12) Acrylonitrile	3.303	53	30570	18.592	ug/l	97
13) Acetone	2.615	43	94960	72.086	ug/l	98
14) Carbon Disulfide	2.782	76	173563	8.174	ug/l	99
15) Methylene Chloride	3.030	84	67459	8.716	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	66368	8.889	ug/l	98
17) 1,1-Dichloroethane	3.853	63	125432	9.064	ug/l	99
18) 2-Butanone	4.702	43	117263	57.481	ug/l	99
19) Cyclohexane	5.367	56	107701	9.192	ug/l	99
20) Methylcyclohexane	6.743	83	109292	9.597	ug/l	99
21) 2,2-Dichloropropane	4.647	77	108115	9.175	ug/l	98
22) cis-1,2-Dichloroethene	4.650	96	74800	9.233	ug/l	97
23) Diethyl Ether	2.367	59	47218	9.426	ug/l	99
24) tert-Butyl Alcohol	3.174	59	56160	92.873	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	161207	9.393	ug/l	99
26) Bromochloromethane	4.959	128	31031	9.174	ug/l	95
27) Chloroform	5.075	83	128535	9.102	ug/l	100
28) 1,1,1-Trichloroethane	5.300	97	119266	9.952	ug/l	99
29) 1,1-Dichloropropene	5.509	75	106298	9.574	ug/l	99
30) Carbon Tetrachloride	5.505	117	98967	10.260	ug/l	98
31) Isopropyl Ether	3.988	45	187513	8.977	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	174825	9.044	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	155413	9.264	ug/l	99
34) Propionitrile	4.766	54	27809	44.741	ug/l	93
35) Benzene	5.756	78	313239	10.501	ug/l	100
36) 1,2-Dichloroethane	5.779	62	93117	10.046	ug/l	100
37) Trichloroethene	6.528	130	72886	9.577	ug/l	97
38) 1,2-Dichloropropane	6.779	63	74991	10.741	ug/l	98
39) Methacrylonitrile	4.965	41	23489	8.501	ug/l	99
40) Methyl acrylate	4.840	55	35761	8.855	ug/l	98
41) Tetrahydrofuran	5.052	42	24150	16.616	ug/l	99
42) 1-Chlorobutane	5.441	56	143541	9.725	ug/l	99
43) Dibromomethane	6.904	93	37665	10.414	ug/l	98
44) Bromodichloromethane	7.094	83	85475	10.480	ug/l #	96

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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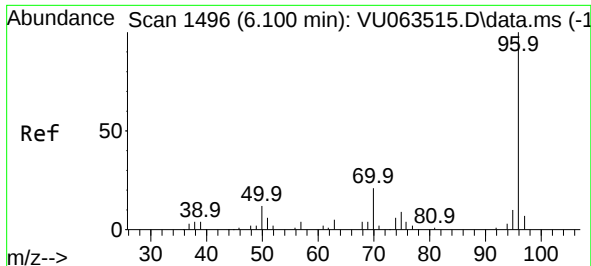
Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/22/2025
 Supervised By : Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 04:06:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
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 Response via : Initial Calibration

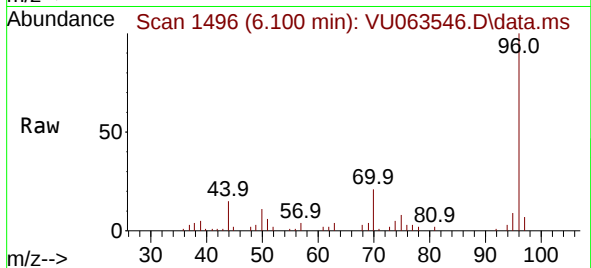
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	203552	54.609	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	34296m	24.510	ug/l	
47) Methyl methacrylate	6.959	69	67596	22.255	ug/l	99
48) Ethyl methacrylate	8.332	69	59240	10.220	ug/l	98
49) Toluene	7.959	92	153331	9.414	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	62494	9.766	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	95194	11.083	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	47045	9.662	ug/l	98
53) 1,3-Dichloropropane	8.566	76	81282	9.670	ug/l	100
54) 2-Hexanone	8.685	43	140898	56.909	ug/l	99
55) Dibromochloromethane	8.801	129	50662	9.846	ug/l	98
56) 1,2-Dibromoethane	8.917	107	41444	9.510	ug/l	98
58) Tetrachloroethene	8.541	164	61423	8.818	ug/l	97
59) Chlorobenzene	9.438	112	176225	9.421	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	57475	9.555	ug/l	99
61) Pentachloroethane	11.418	117	41749	9.822	ug/l	97
62) Hexachloroethane	12.467	117	44222	10.506	ug/l	96
63) Ethyl Benzene	9.563	91	304220	9.451	ug/l	99
64) m/p-Xylenes	9.685	106	242181	19.356	ug/l	99
65) o-Xylene	10.090	106	118344	9.843	ug/l	99
66) Styrene	10.107	104	193495	10.098	ug/l	99
67) Bromoform	10.283	173	26060	9.861	ug/l	99
69) Isopropylbenzene	10.476	105	287195	9.881	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	60426	10.199	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	44369m	9.220	ug/l	
72) Bromobenzene	10.775	156	72768	9.701	ug/l	99
73) n-propylbenzene	10.897	120	88527	10.118	ug/l	99
74) 2-Chlorotoluene	10.978	126	76154	9.848	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	279273	10.058	ug/l	99
76) 4-Chlorotoluene	11.087	126	79338	10.103	ug/l	99
77) tert-Butylbenzene	11.412	119	263598	9.934	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	279809	10.157	ug/l	100
79) sec-Butylbenzene	11.634	105	362071	10.118	ug/l	99
80) Nitrobenzene	13.206	77	4788	38.750	ug/l	99
81) p-Isopropyltoluene	11.785	119	304213	10.184	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	148825	9.916	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	150264	10.002	ug/l	99
84) n-Butylbenzene	12.200	91	283731	10.241	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	141607	10.043	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	9126	9.270	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	82874	9.452	ug/l	100
88) Hexachlorobutadiene	14.013	225	47393	9.518	ug/l	99
89) Naphthalene	14.081	128	137964	8.780	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	74630	9.210	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

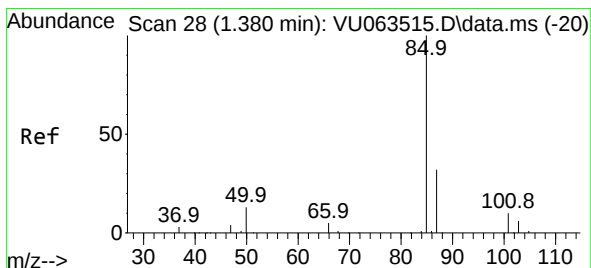
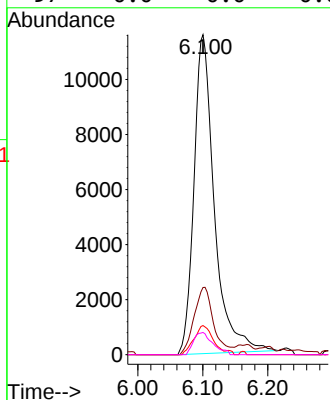
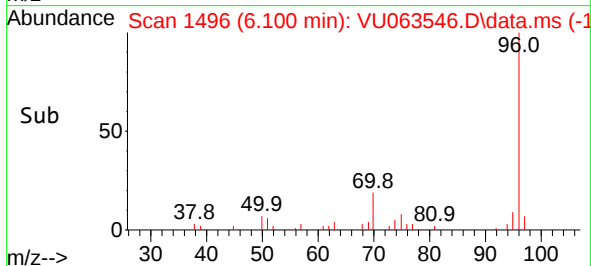
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 2532
Ion Ratio Lower Upper
96 100
70 17.8 15.0 22.4
95 7.4 7.4 11.0
97 0.0 0.0 0.0

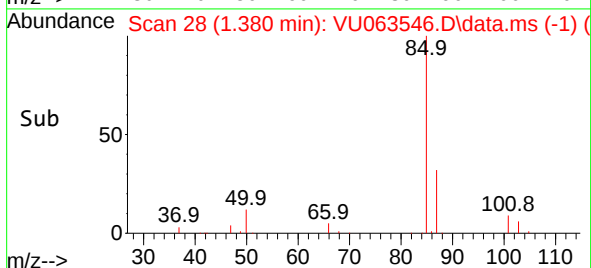
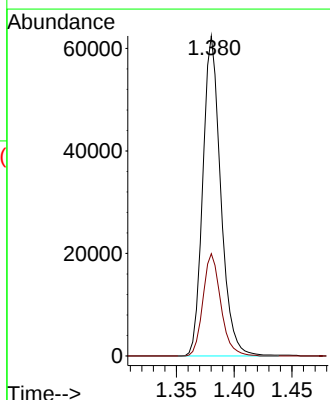
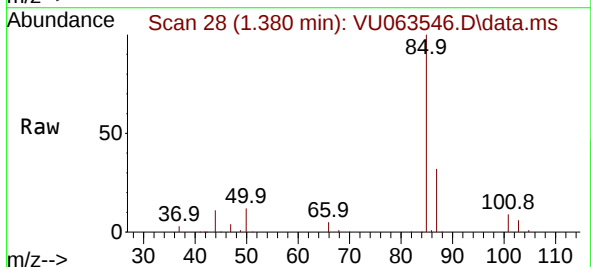
Manual Integrations
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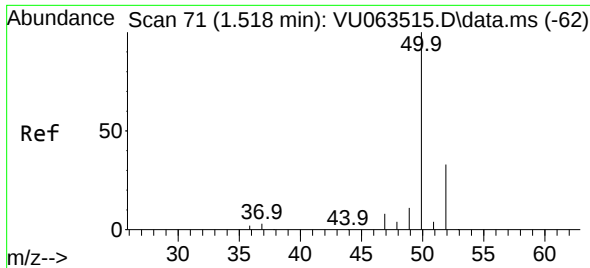
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#2
Dichlorodifluoromethane
Concen: 9.048 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

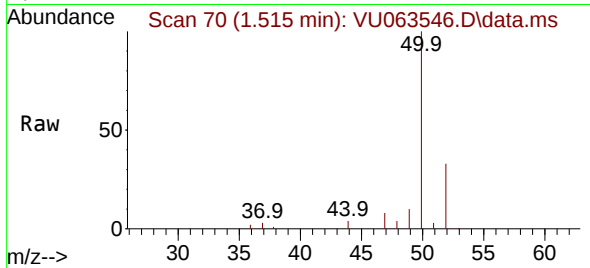
Tgt Ion: 85 Resp: 67557
Ion Ratio Lower Upper
85 100
87 32.0 16.0 47.9





#3
Chloromethane
Concen: 9.525 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

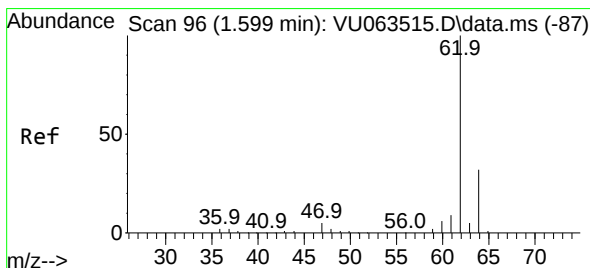
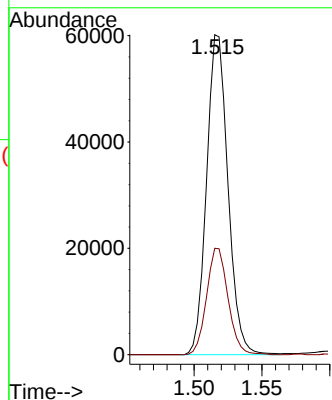
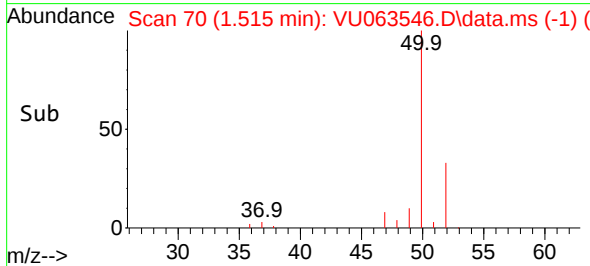
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 66100
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

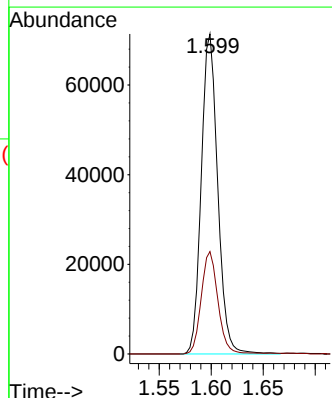
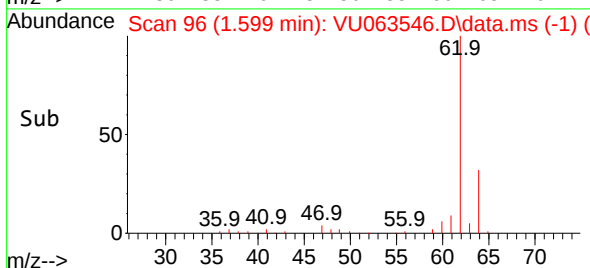
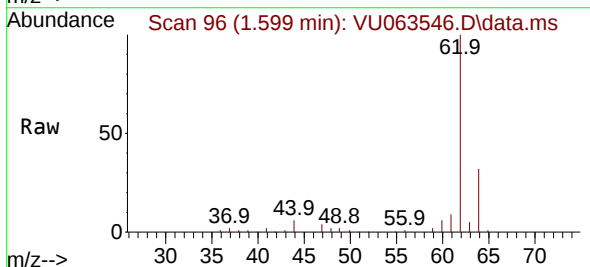
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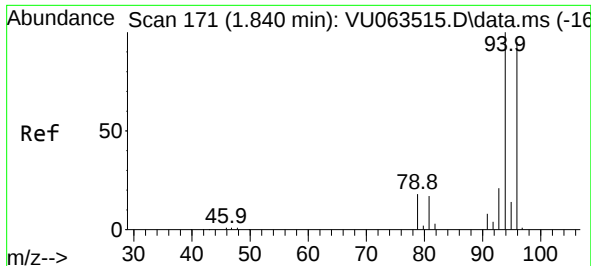
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#4
Vinyl Chloride
Concen: 8.856 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 62 Resp: 78283
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





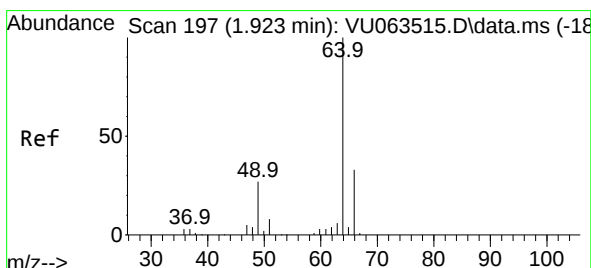
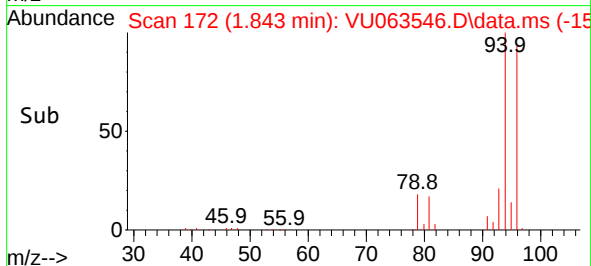
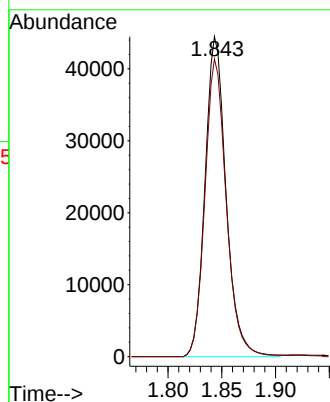
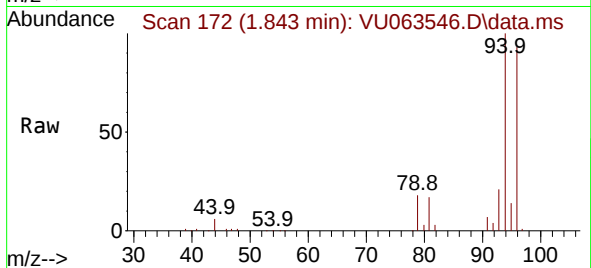
#5
Bromomethane
Concen: 9.076 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 60490
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6

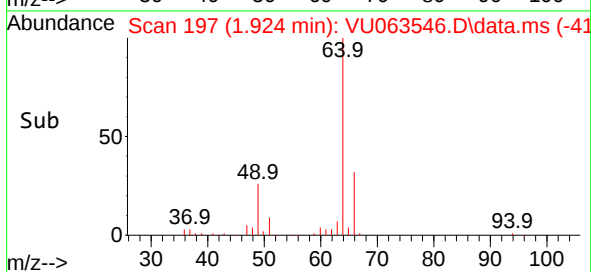
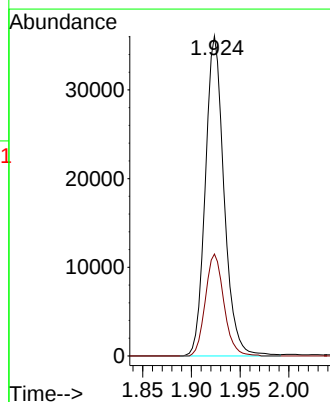
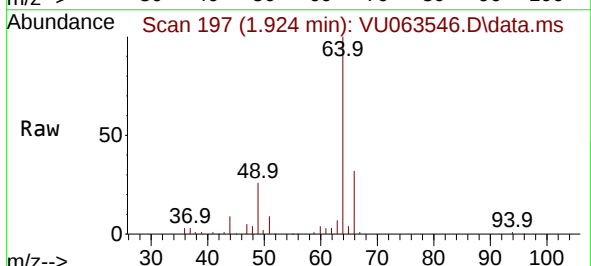
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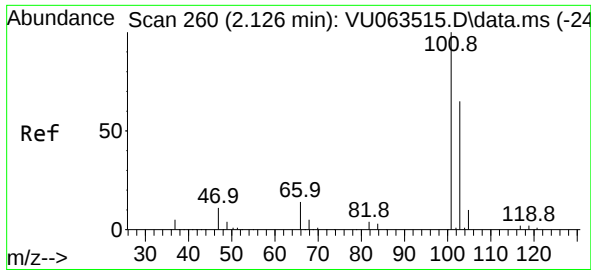
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#6
Chloroethane
Concen: 9.029 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

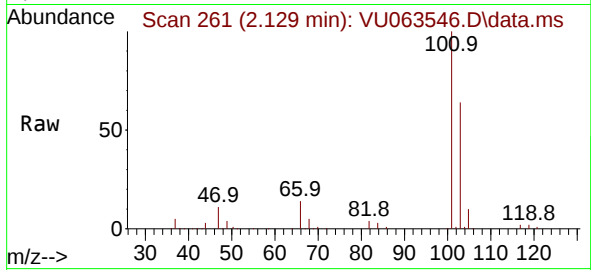
Tgt Ion: 64 Resp: 48189
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 9.146 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

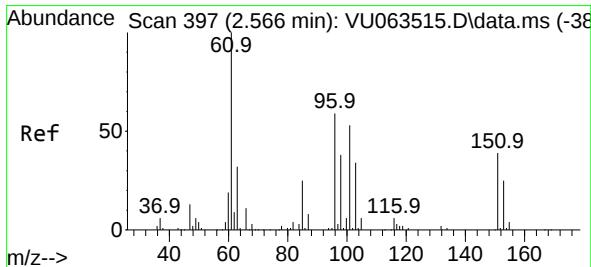
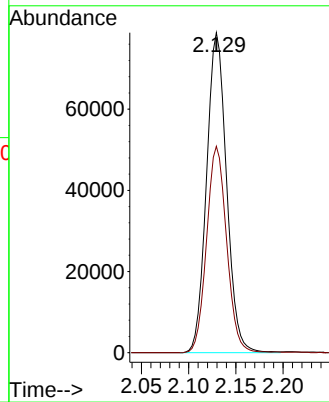
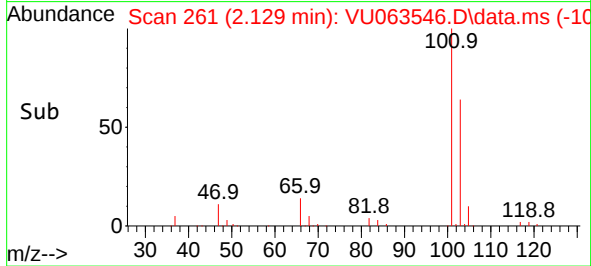
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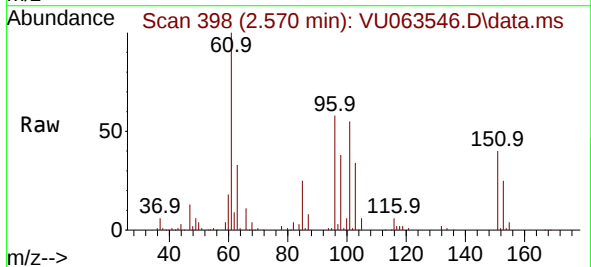
Tgt Ion:101 Resp: 116078
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

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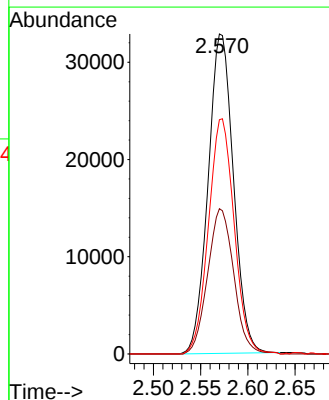
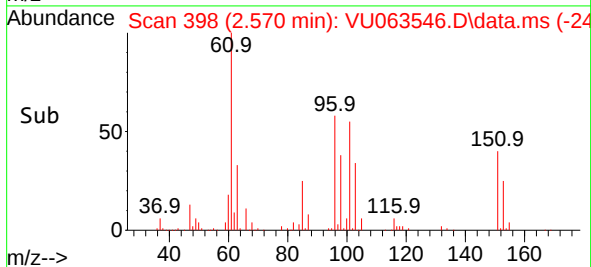
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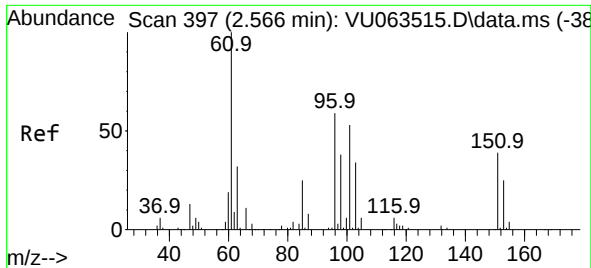


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.239 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion:101 Resp: 61274
Ion Ratio Lower Upper
101 100
85 46.8 37.8 56.6
151 74.8 59.2 88.8





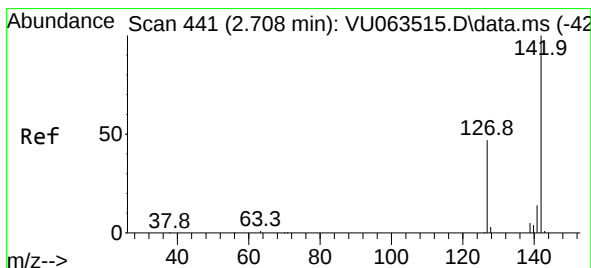
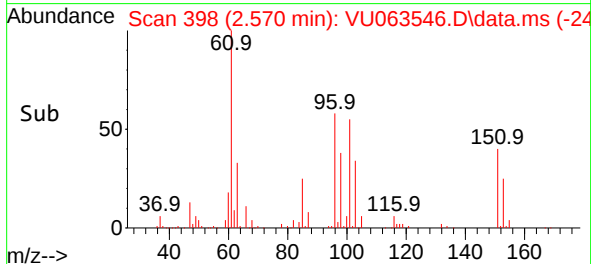
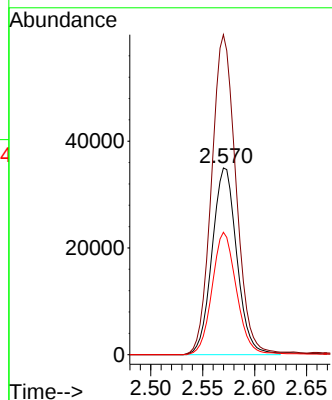
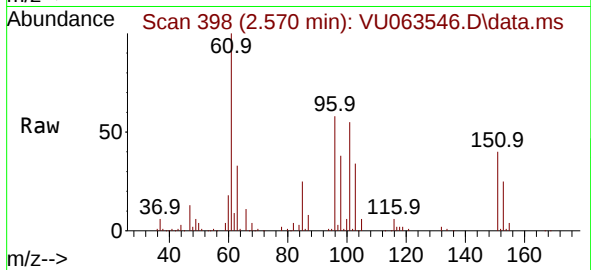
#9
1,1-Dichloroethene
Concen: 8.839 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 5810
Ion Ratio Lower Upper
96 100
61 171.4 0.0 504.3
98 65.6 0.0 126.8

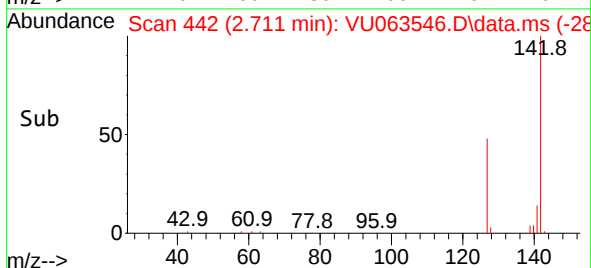
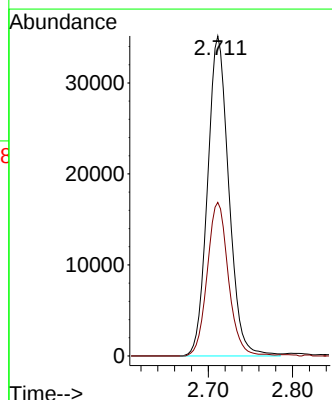
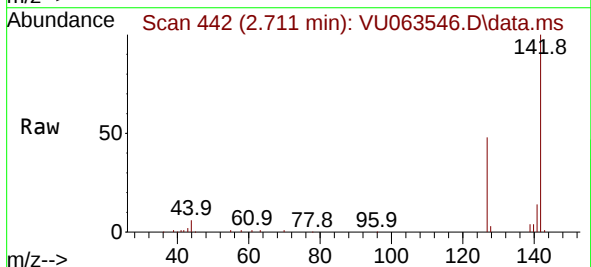
Manual Integrations
APPROVED

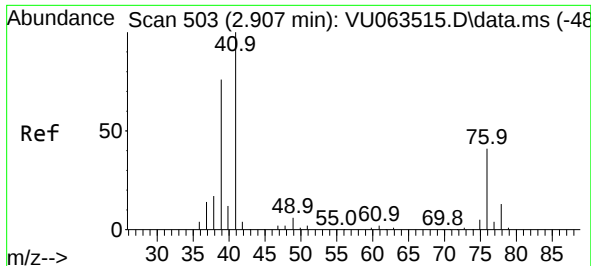
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#10
Iodomethane
Concen: 6.613 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion:142 Resp: 61643
Ion Ratio Lower Upper
142 100
127 47.9 37.9 56.9





#11
 Allyl Chloride
 Concen: 8.852 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063546.D
 Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

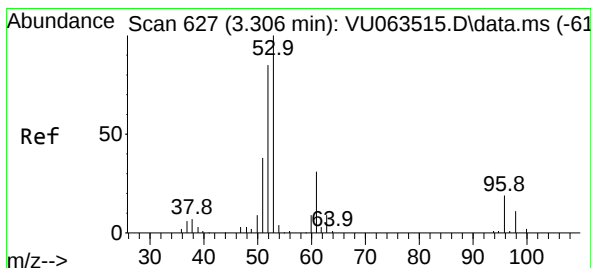
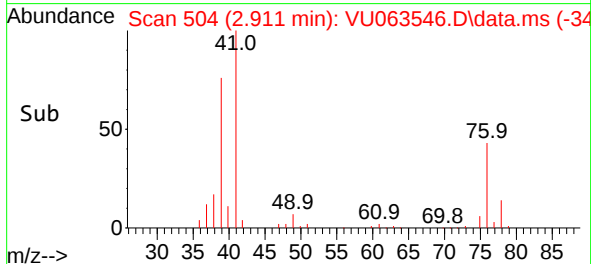
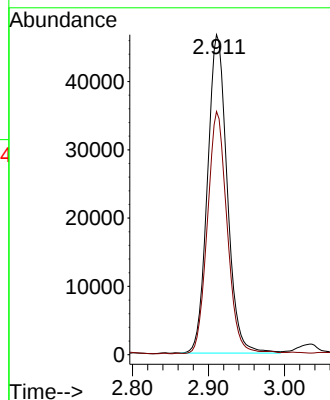
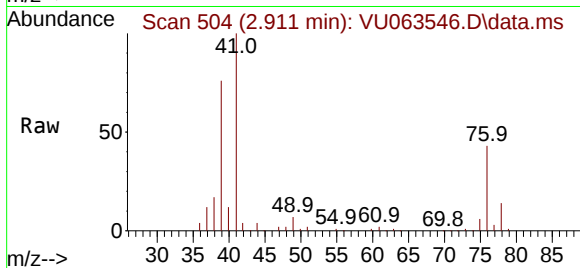
VSTDCCC010

Tgt Ion: 41 Resp: 84069
 Ion Ratio Lower Upper
 41 100
 39 75.3 61.5 92.3

Manual Integrations

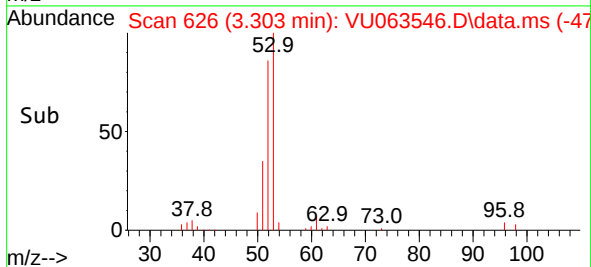
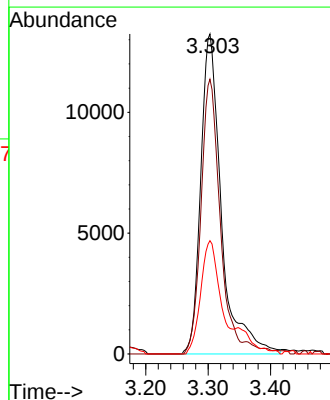
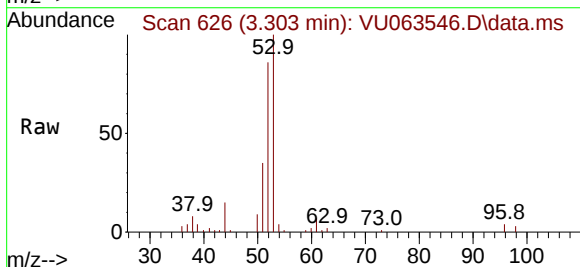
APPROVED

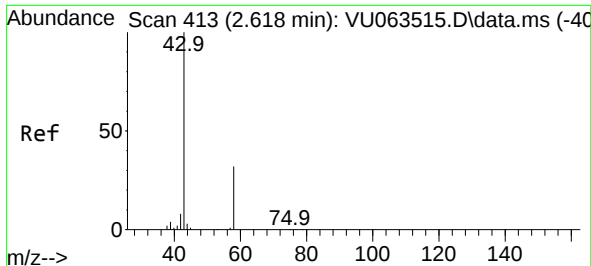
Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#12
 Acrylonitrile
 Concen: 18.592 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063546.D
 Acq: 21 Jul 2025 09:13

Tgt Ion: 53 Resp: 30570
 Ion Ratio Lower Upper
 53 100
 52 77.8 64.3 96.5
 51 33.8 27.8 41.8





#13

Acetone

Concen: 72.086 ug/l

RT: 2.615 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 94960

Ion Ratio Lower Upper

43 100

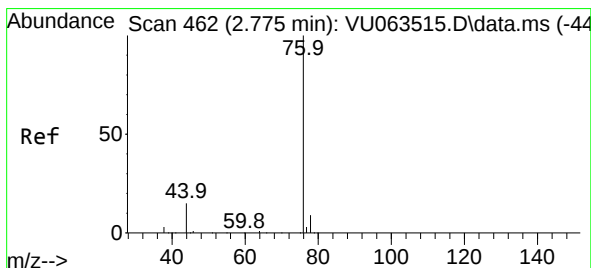
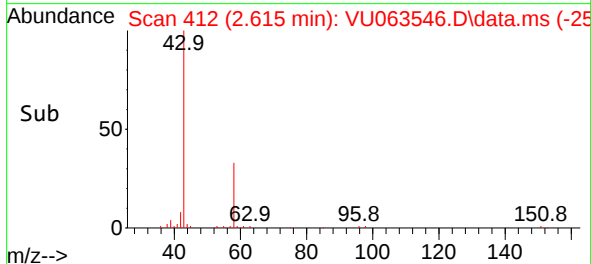
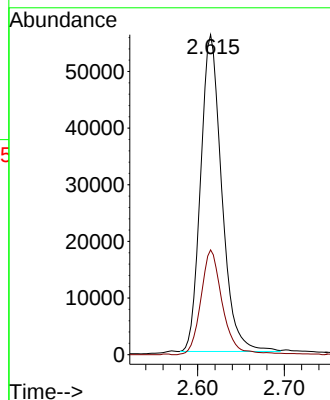
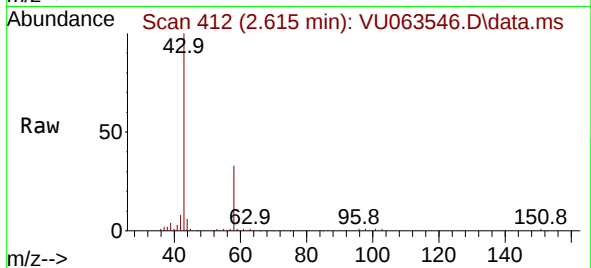
58 32.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#14

Carbon Disulfide

Concen: 8.174 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.007 min

Lab File: VU063546.D

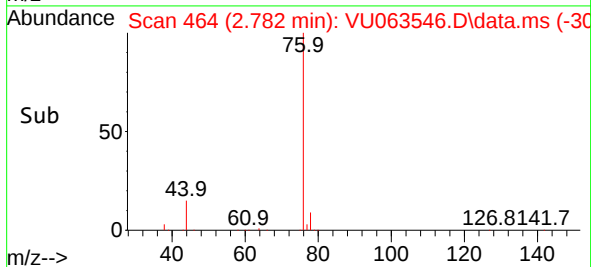
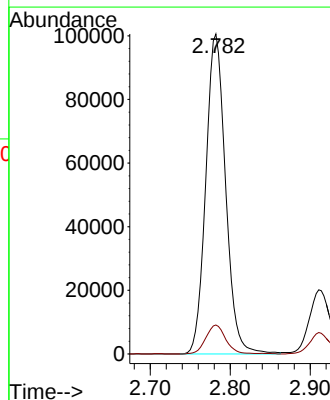
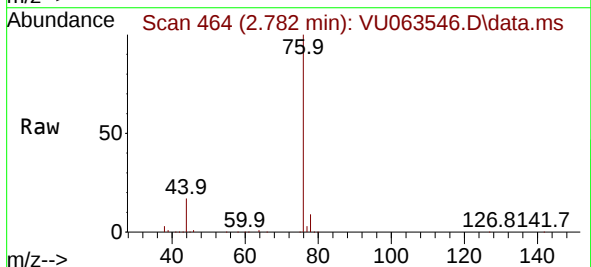
Acq: 21 Jul 2025 09:13

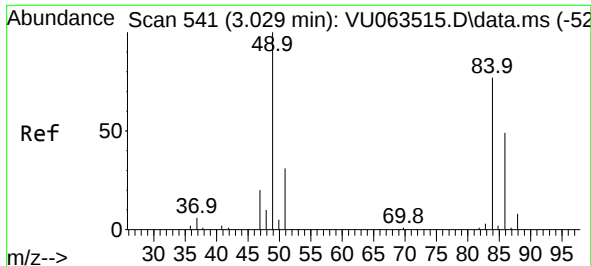
Tgt Ion: 76 Resp: 173563

Ion Ratio Lower Upper

76 100

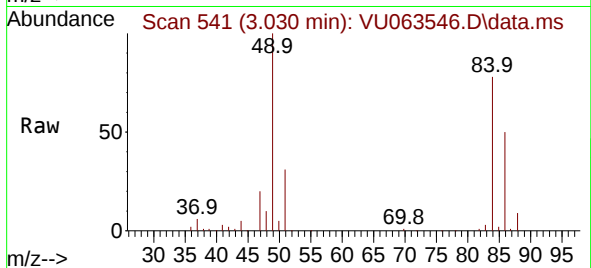
78 9.1 7.0 10.6





#15
Methylene Chloride
Concen: 8.716 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

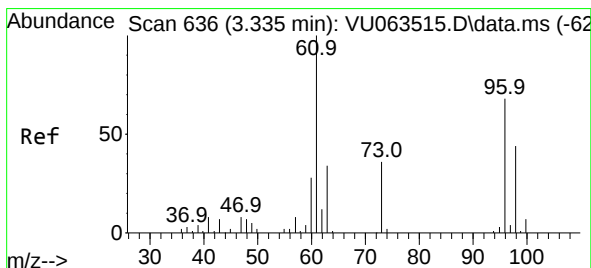
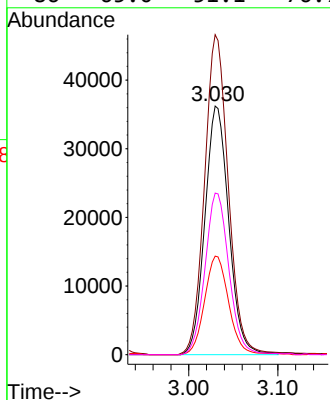
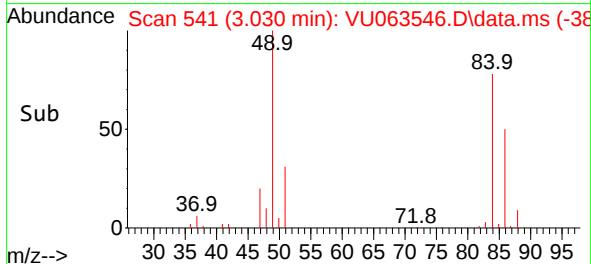
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 67459
Ion Ratio Lower Upper
84 100
49 128.7 103.8 155.8
51 39.7 0.0 80.4
86 65.0 51.1 76.7

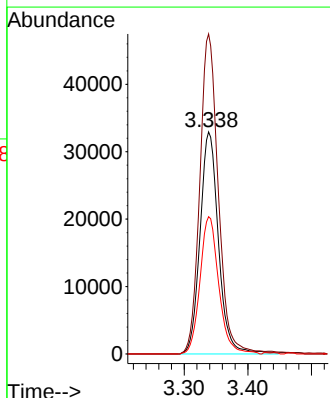
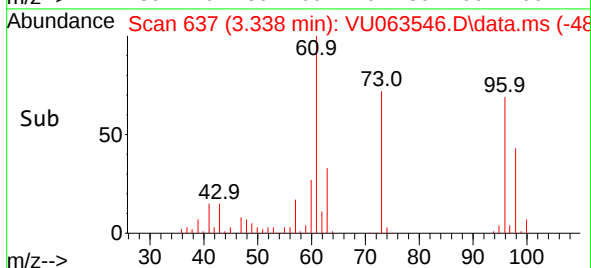
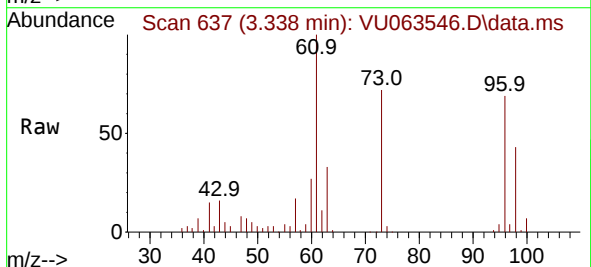
Manual Integrations
APPROVED

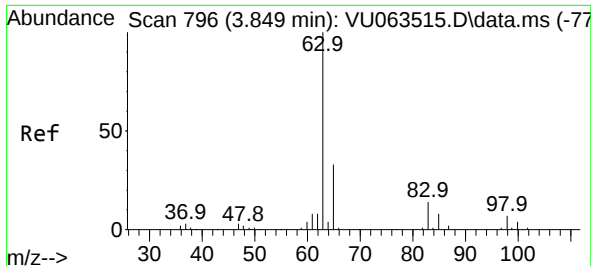
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#16
trans-1,2-Dichloroethene
Concen: 8.889 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

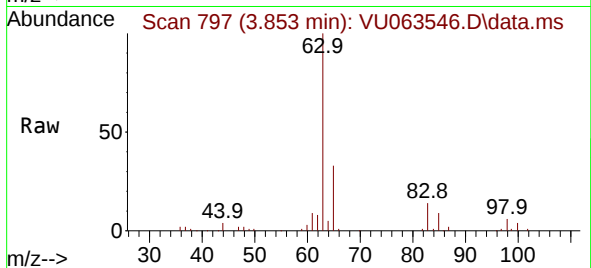
Tgt Ion: 96 Resp: 66368
Ion Ratio Lower Upper
96 100
61 144.1 117.2 175.8
98 61.8 51.4 77.2





#17
1,1-Dichloroethane
Concen: 9.064 ug/l
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

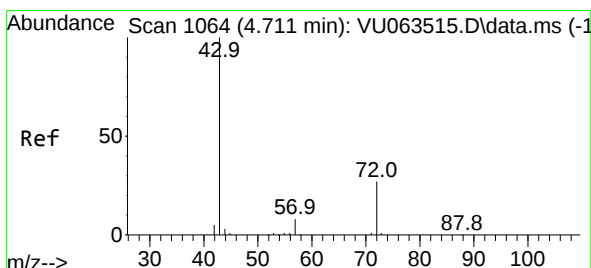
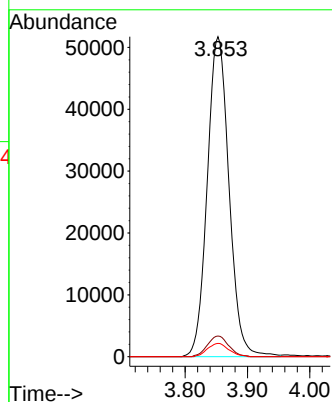
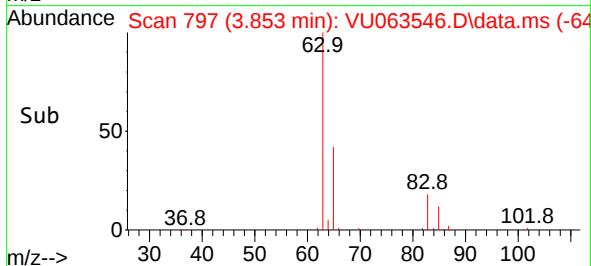
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 125432
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.2 2.1 6.2

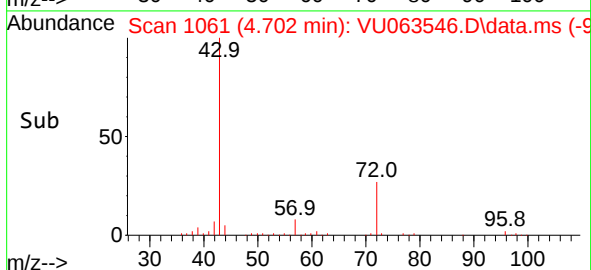
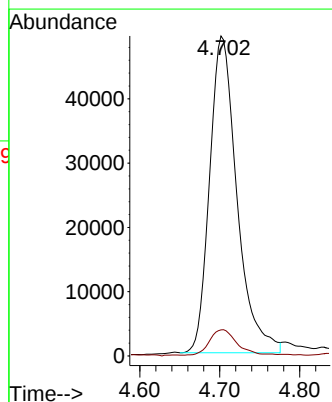
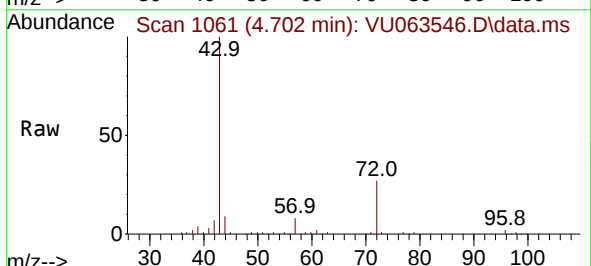
Manual Integrations
APPROVED

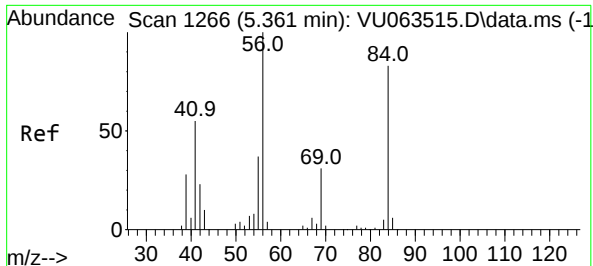
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#18
2-Butanone
Concen: 57.481 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. -0.010 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 43 Resp: 117263
Ion Ratio Lower Upper
43 100
57 8.0 0.0 16.4





#19

Cyclohexane

Concen: 9.192 ug/l

RT: 5.367 min Scan# 1266

Delta R.T. 0.007 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

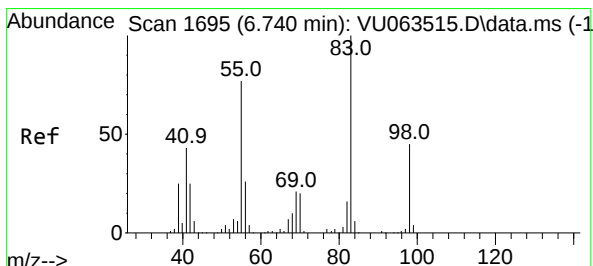
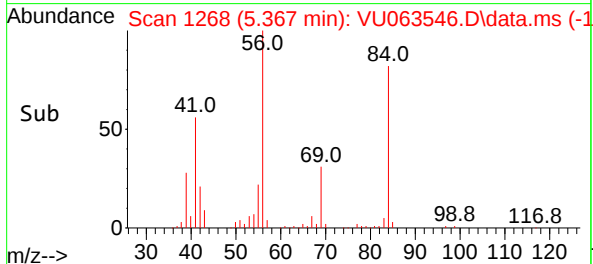
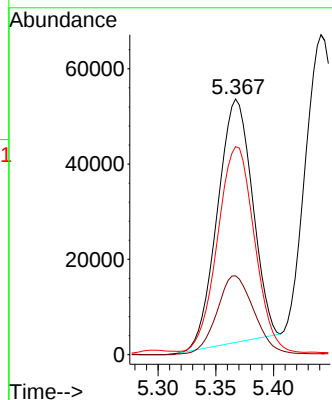
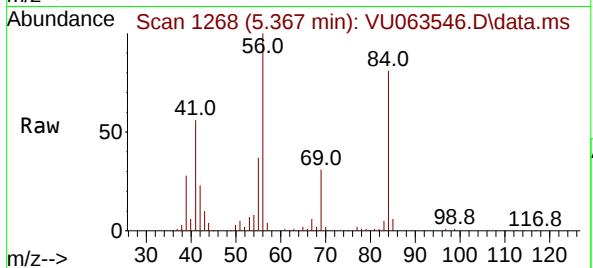
Tgt Ion: 56 Resp: 10770

Ion	Ratio	Lower	Upper
56	100		
69	34.1	26.6	39.8
84	88.5	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#20

Methylcyclohexane

Concen: 9.597 ug/l

RT: 6.743 min Scan# 1696

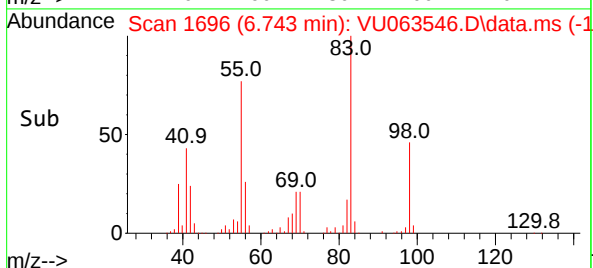
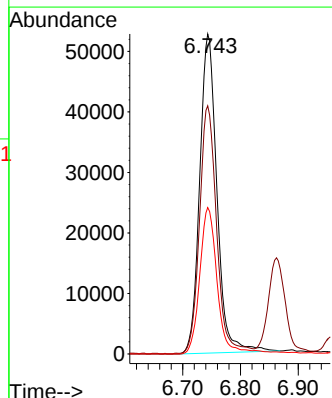
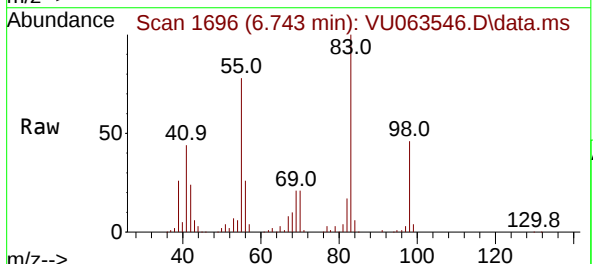
Delta R.T. 0.003 min

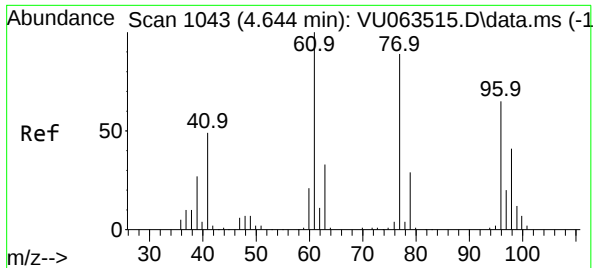
Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Tgt Ion: 83 Resp: 109292

Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.6	90.8
98	44.2	35.8	53.8





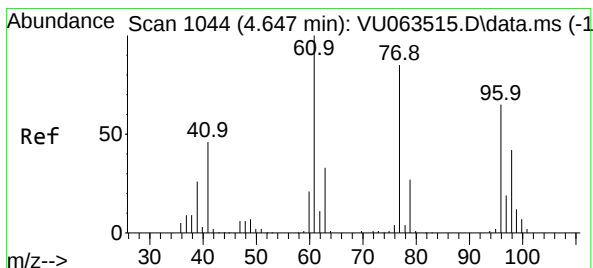
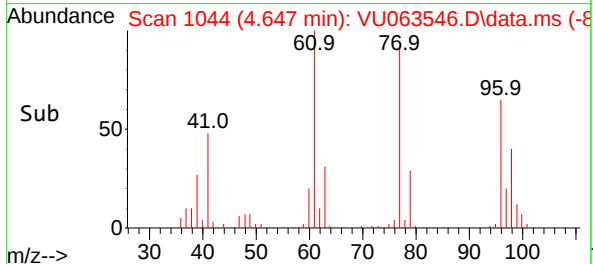
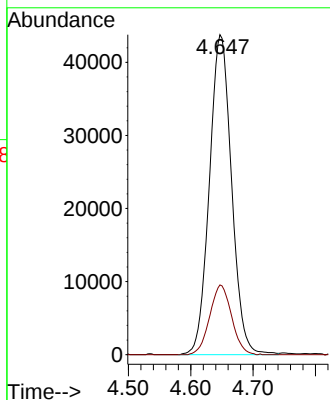
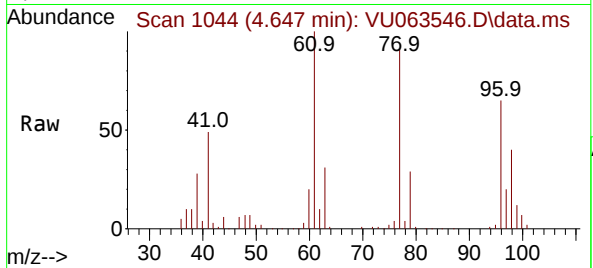
#21
2,2-Dichloropropane
Concen: 9.175 ug/l
RT: 4.647 min Scan# 1043
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 10811
Ion Ratio Lower Upper
77 100
97 21.5 17.8 26.8

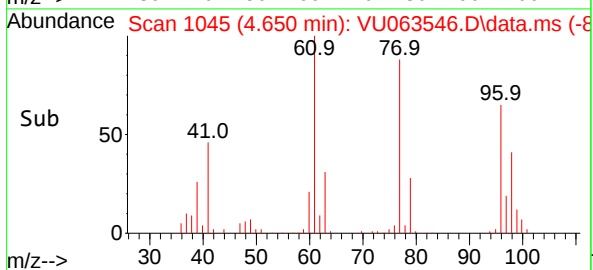
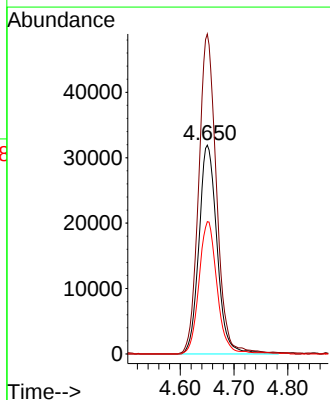
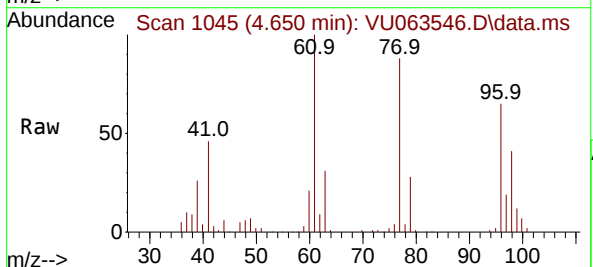
Manual Integrations
APPROVED

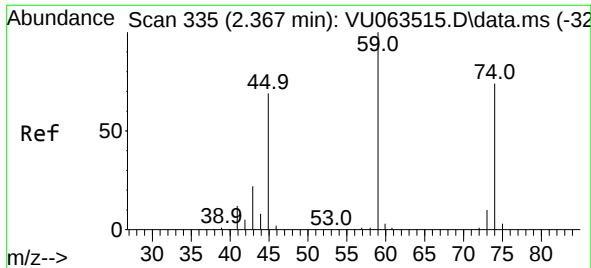
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#22
cis-1,2-Dichloroethene
Concen: 9.233 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

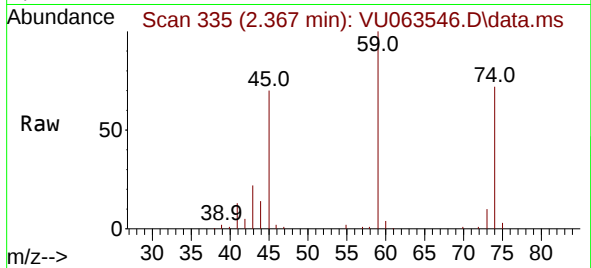
Tgt Ion: 96 Resp: 74800
Ion Ratio Lower Upper
96 100
61 150.1 0.0 384.7
98 63.0 32.1 96.3





#23
Diethyl Ether
Concen: 9.426 ug/l
RT: 2.367 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

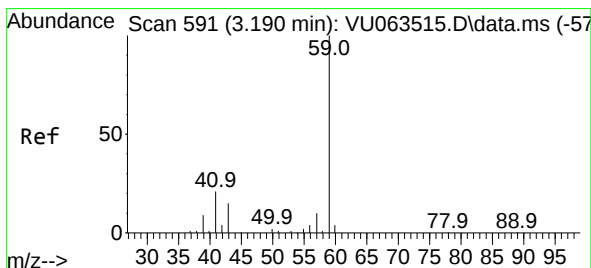
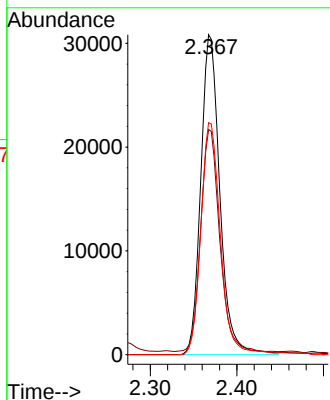
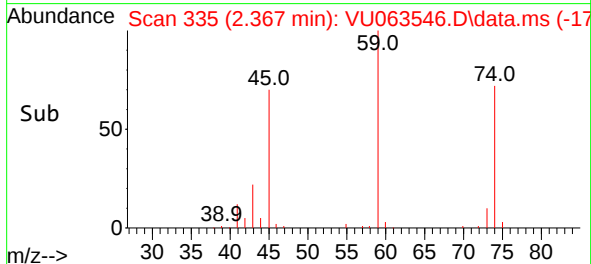
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 47218
Ion Ratio Lower Upper
59 100
45 68.7 55.1 82.7
74 73.9 58.2 87.4

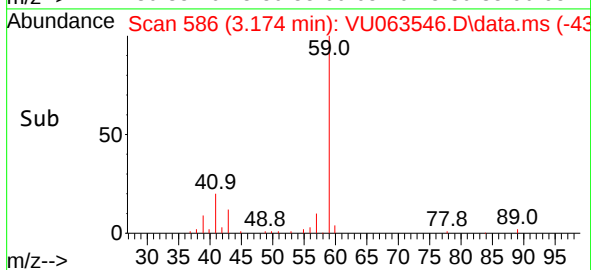
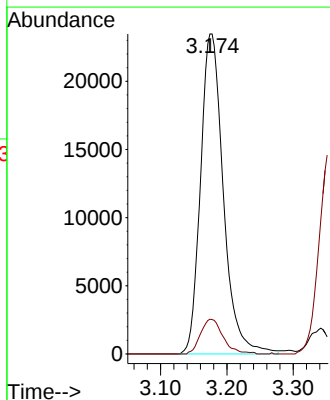
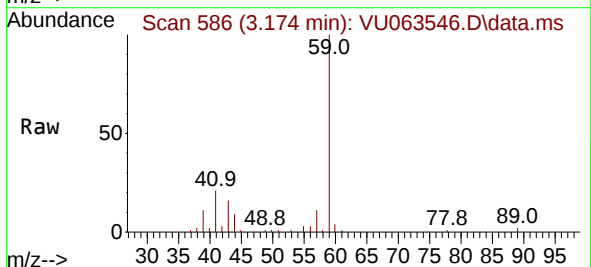
Manual Integrations
APPROVED

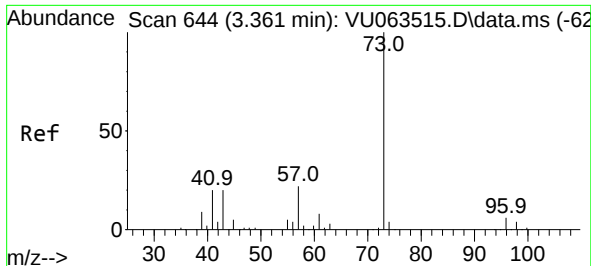
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#24
tert-Butyl Alcohol
Concen: 92.873 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.016 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 59 Resp: 56160
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8





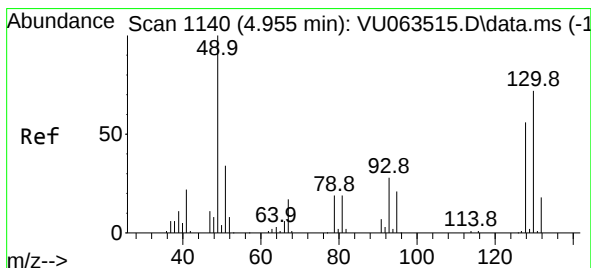
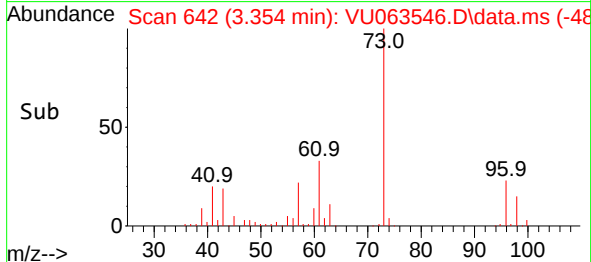
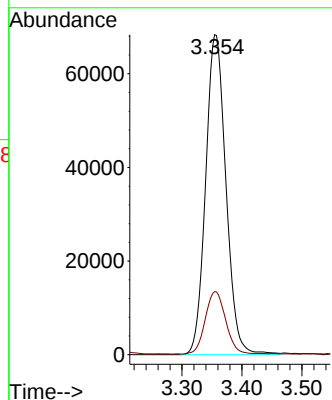
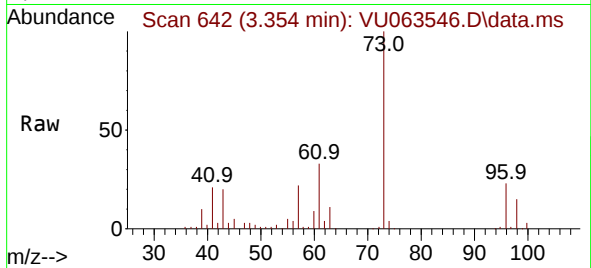
#25
Methyl tert-Butyl Ether
Concen: 9.393 ug/l
RT: 3.354 min Scan# 644
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 16120
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2

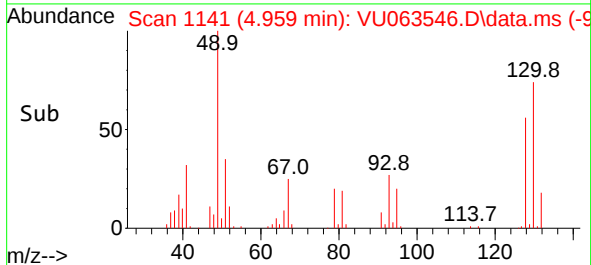
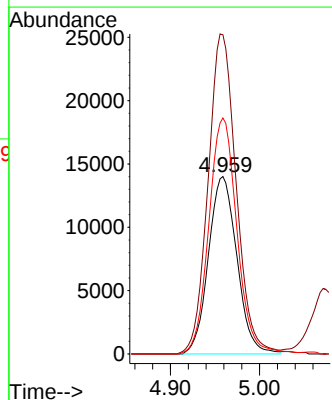
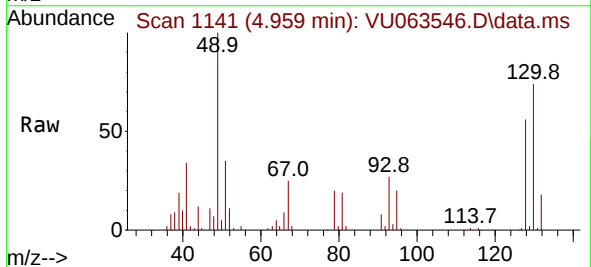
Manual Integrations
APPROVED

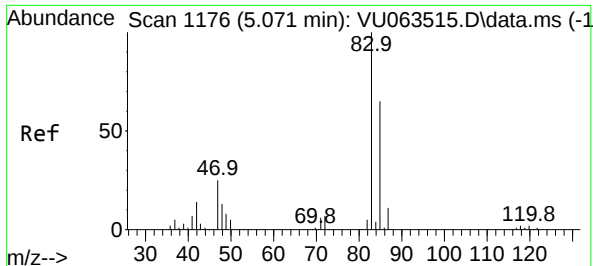
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#26
Bromochloromethane
Concen: 9.174 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion:128 Resp: 31031
Ion Ratio Lower Upper
128 100
49 178.0 0.0 340.8
130 131.6 100.5 150.7





#27

Chloroform

Concen: 9.102 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 12853

Ion Ratio Lower Upper

83 100

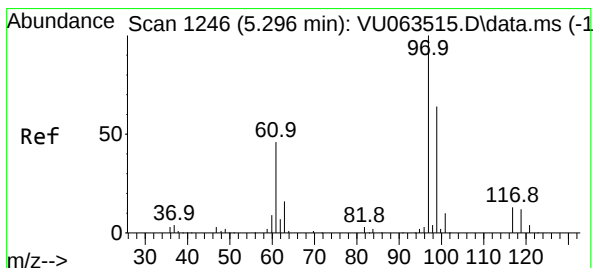
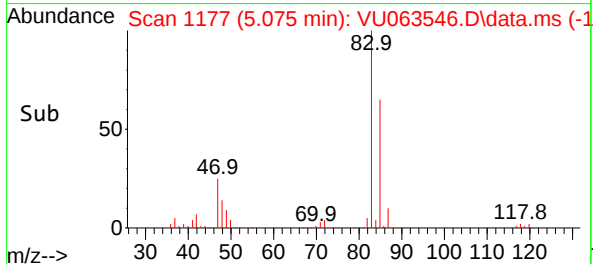
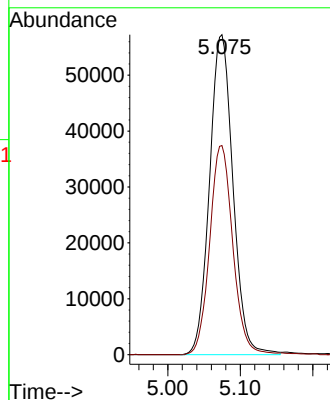
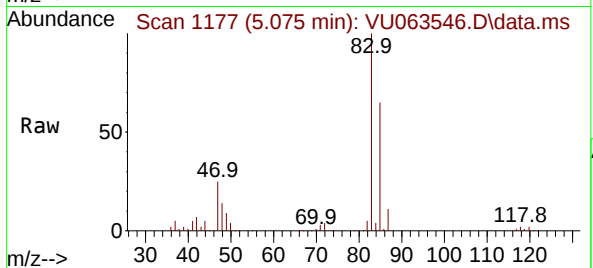
85 65.4 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#28

1,1,1-Trichloroethane

Concen: 9.952 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

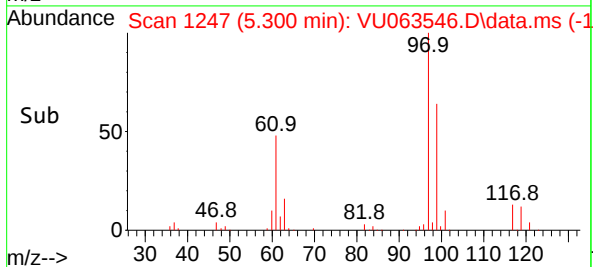
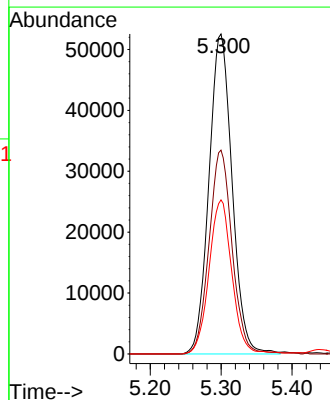
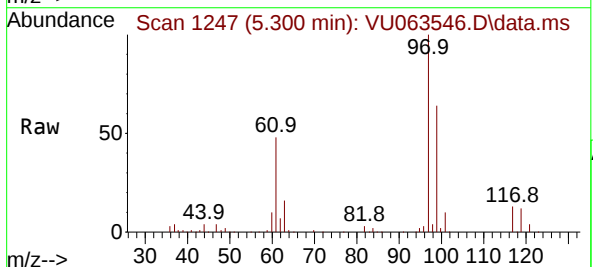
Tgt Ion: 97 Resp: 119266

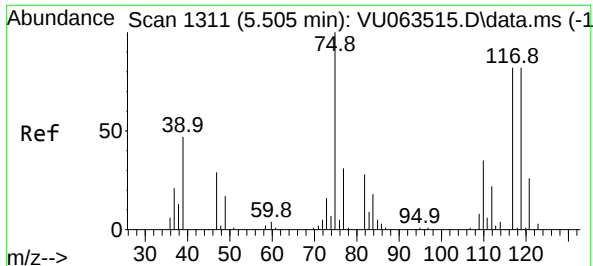
Ion Ratio Lower Upper

97 100

99 63.5 31.8 95.3

61 47.6 23.3 69.9





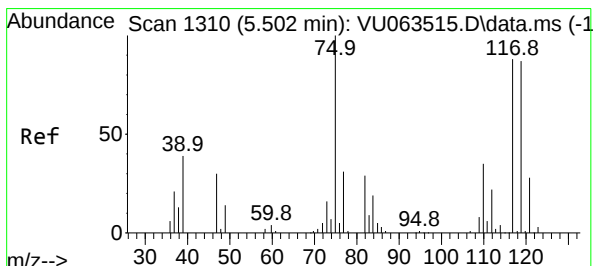
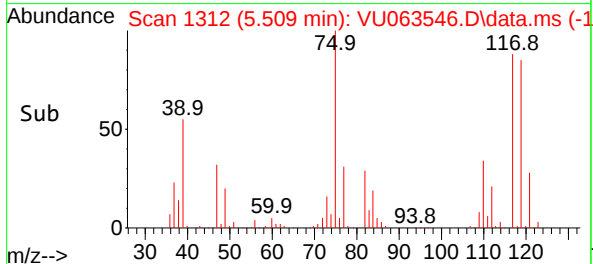
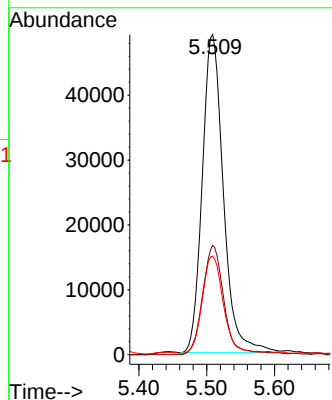
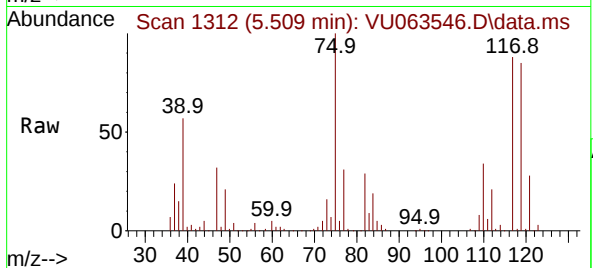
#29
1,1-Dichloropropene
Concen: 9.574 ug/l
RT: 5.509 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 106298
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.4
77 30.3 24.6 37.0

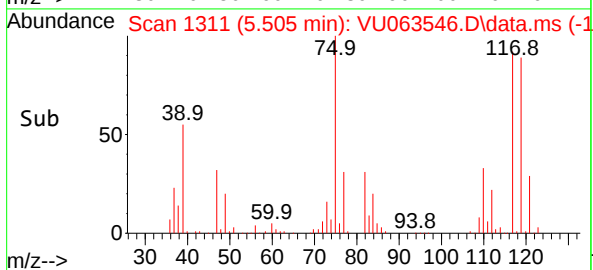
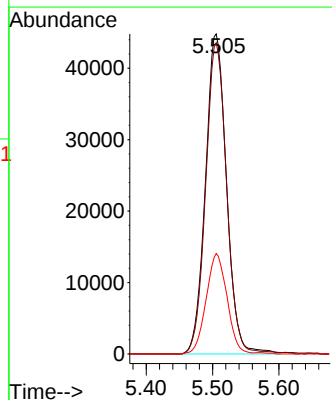
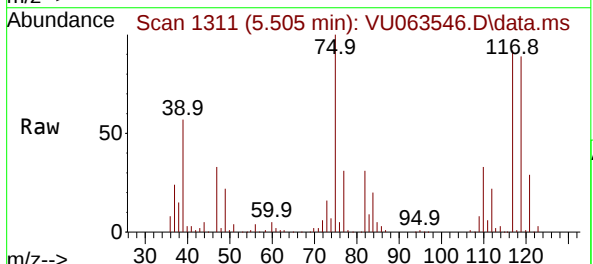
Manual Integrations
APPROVED

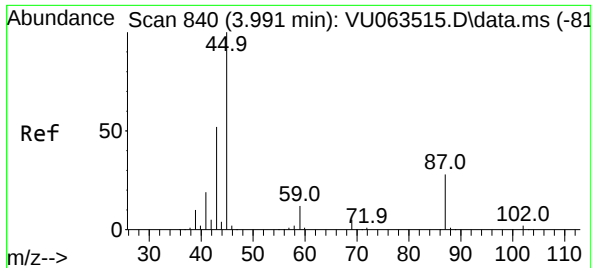
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#30
Carbon Tetrachloride
Concen: 10.260 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

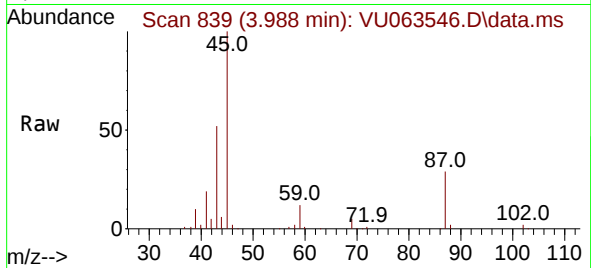
Tgt Ion:117 Resp: 98967
Ion Ratio Lower Upper
117 100
119 97.2 79.2 118.8
121 31.4 25.5 38.3





#31
Isopropyl Ether
Concen: 8.977 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

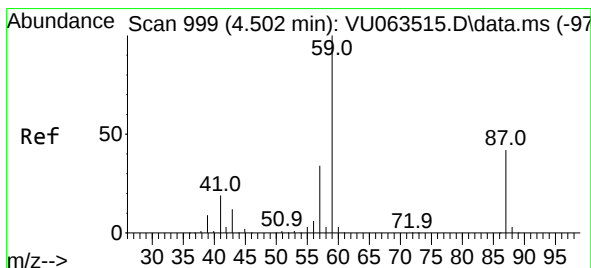
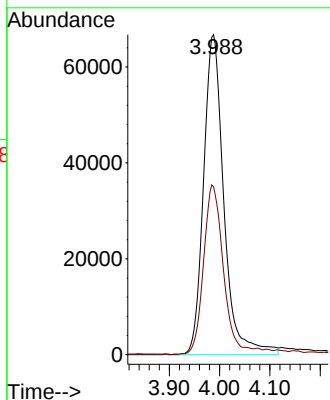
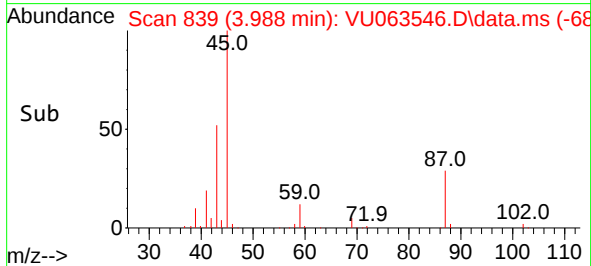
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



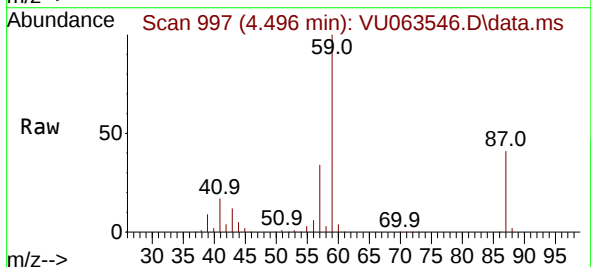
Tgt Ion: 45 Resp: 18751
Ion Ratio Lower Upper
45 100
43 51.5 25.7 77.0

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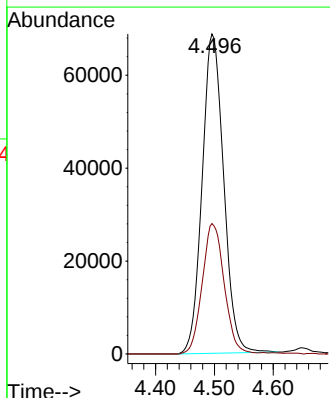
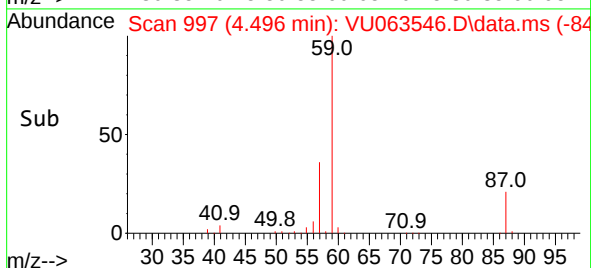
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

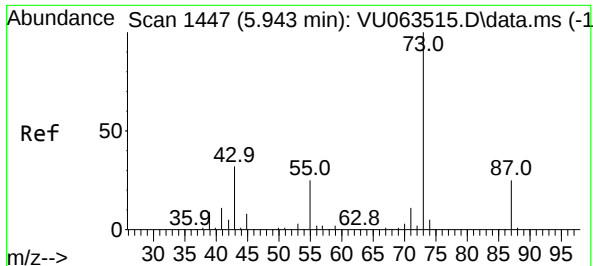


#32
Ethyl-t-butyl ether
Concen: 9.044 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



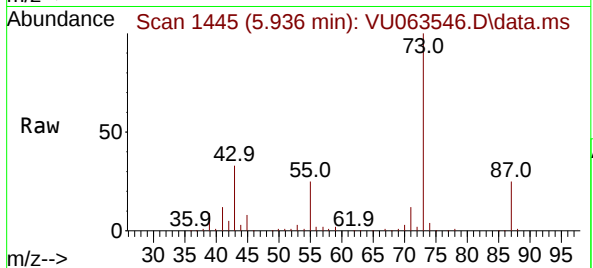
Tgt Ion: 59 Resp: 174825
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 9.264 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

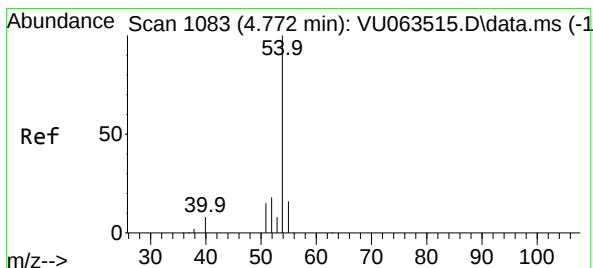
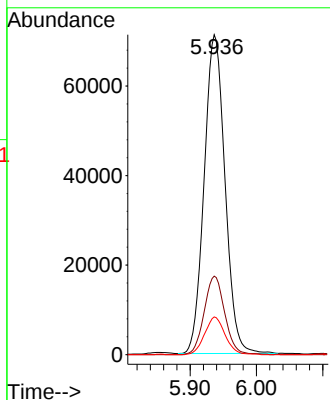
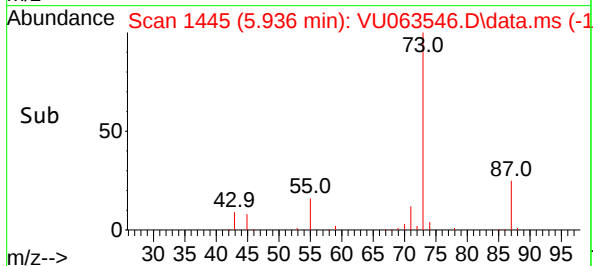
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



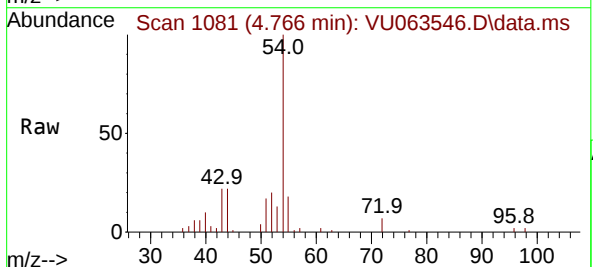
Tgt Ion: 73 Resp: 15541
Ion Ratio Lower Upper
73 100
87 24.4 19.4 29.2
71 11.7 8.9 13.3

Manual Integrations
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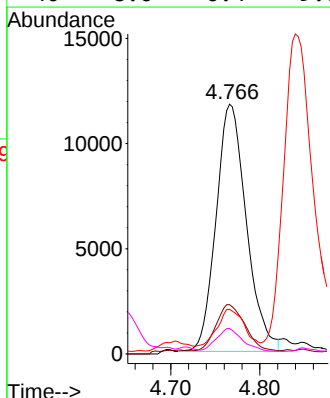
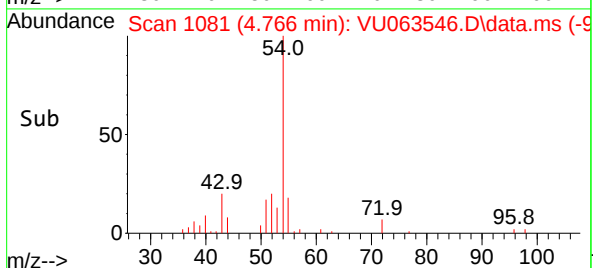
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

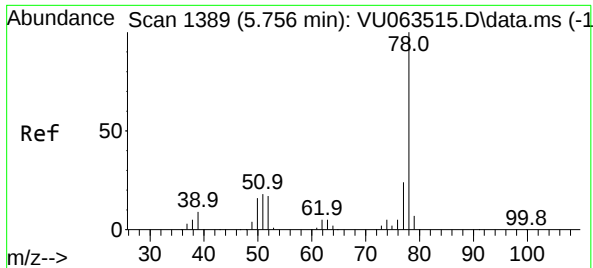


#34
Propionitrile
Concen: 44.741 ug/l
RT: 4.766 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion: 54 Resp: 27809
Ion Ratio Lower Upper
54 100
52 17.4 17.0 25.4
55 13.7 13.6 20.4
40 8.6 6.4 9.6





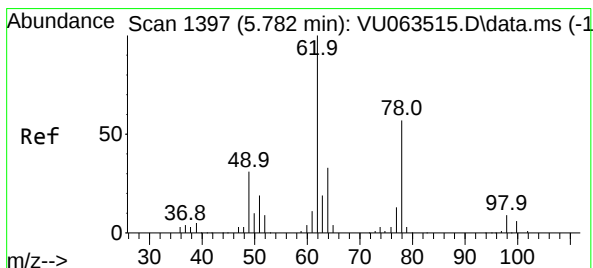
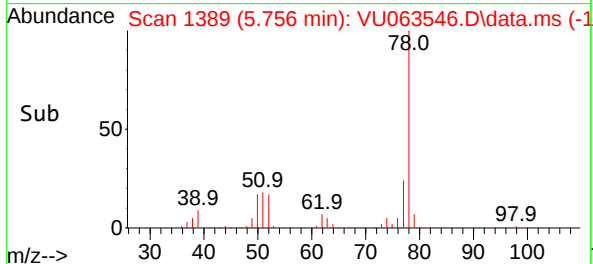
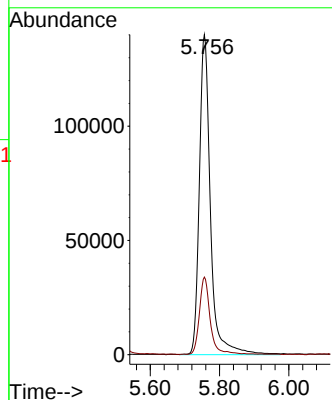
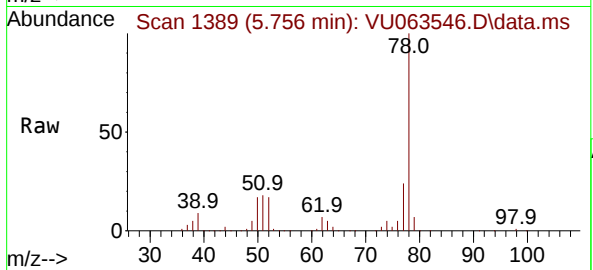
#35
Benzene
Concen: 10.501 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 313239
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

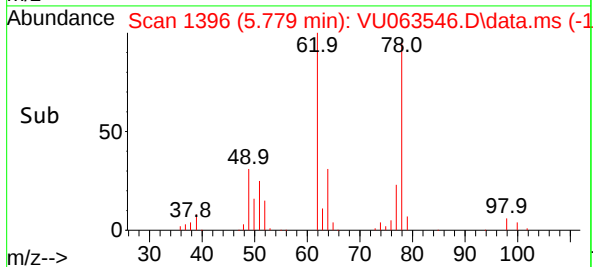
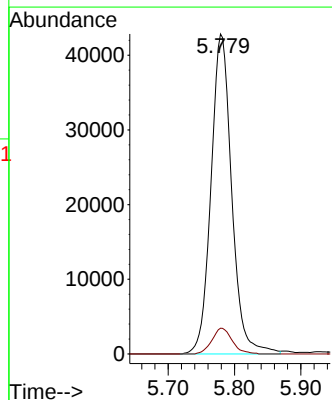
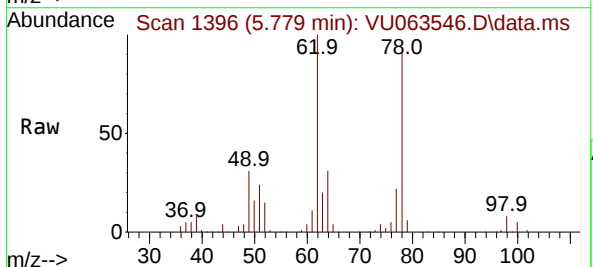
Manual Integrations
APPROVED

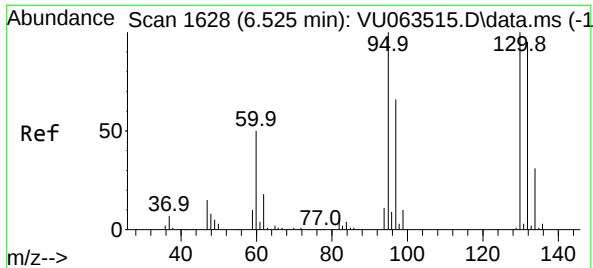
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#36
1,2-Dichloroethane
Concen: 10.046 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 62 Resp: 93117
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6





#37
Trichloroethene
Concen: 9.577 ug/l
RT: 6.528 min Scan# 1628
Delta R.T. 0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

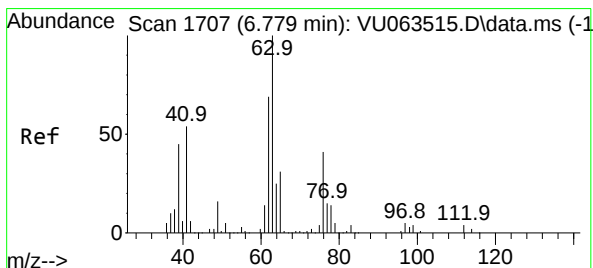
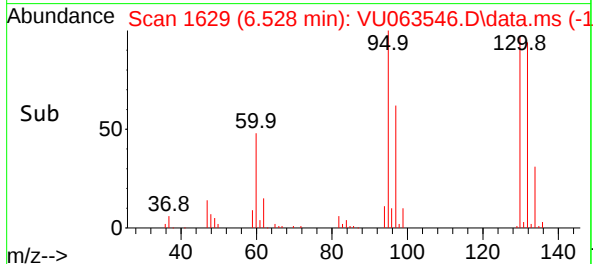
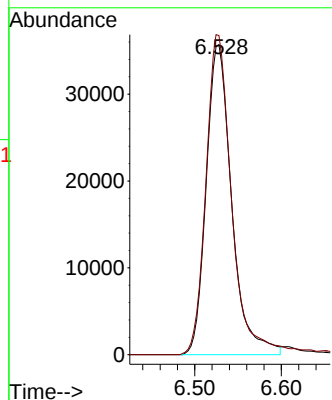
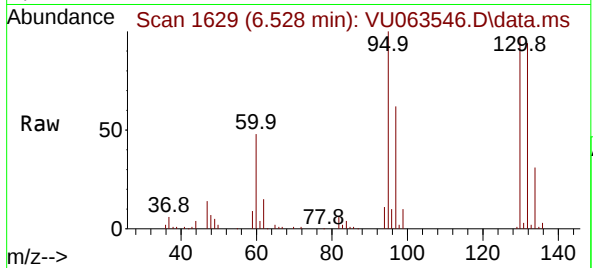
VSTDCCC010

Tgt Ion:130 Resp: 7288
Ion Ratio Lower Upper
130 100
95 103.0 80.3 120.5

Manual Integrations

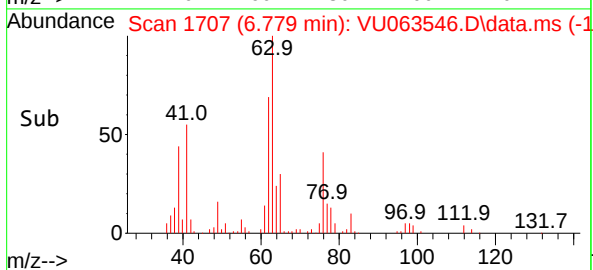
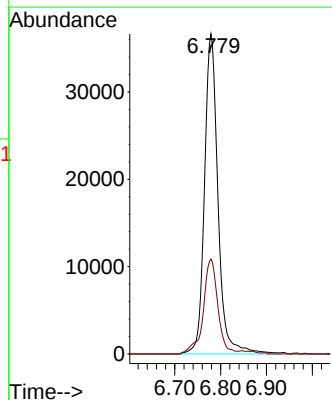
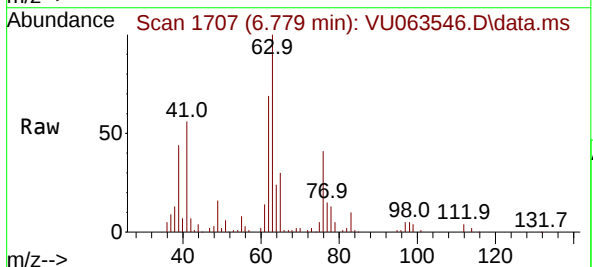
APPROVED

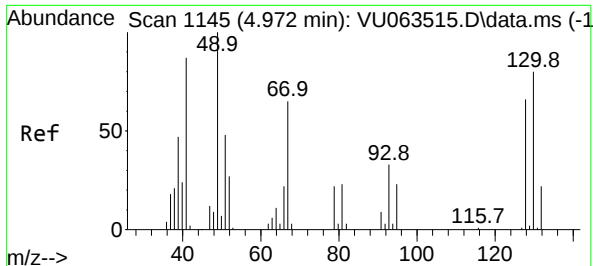
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#38
1,2-Dichloropropane
Concen: 10.741 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 63 Resp: 74991
Ion Ratio Lower Upper
63 100
65 29.6 24.6 36.8





#39

Methacrylonitrile

Concen: 8.501 ug/l

RT: 4.965 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 23489

Ion Ratio Lower Upper

41 100

67 78.4 62.7 94.1

39 52.3 43.1 64.7

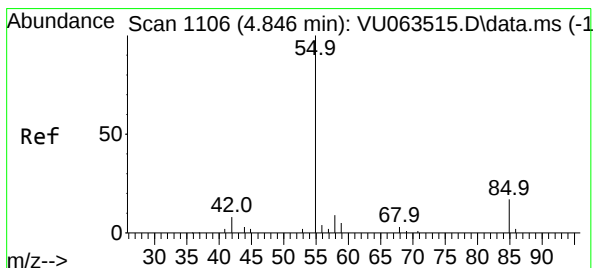
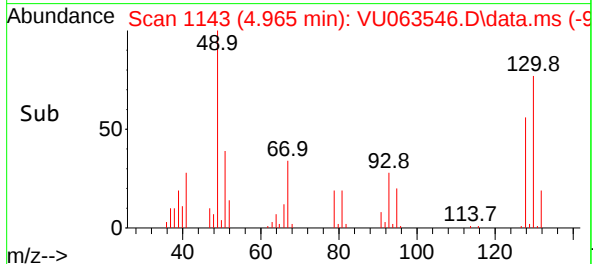
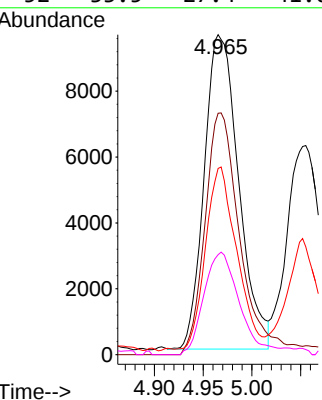
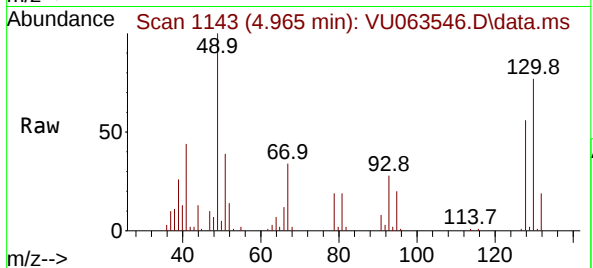
52 33.5 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#40

Methyl acrylate

Concen: 8.855 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Tgt Ion: 55 Resp: 35761

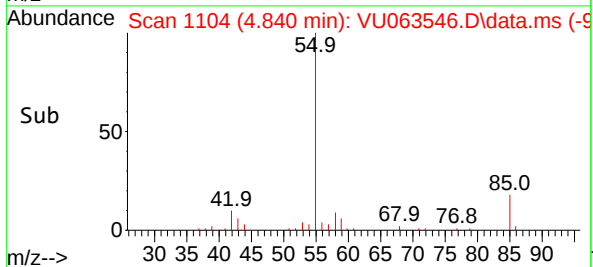
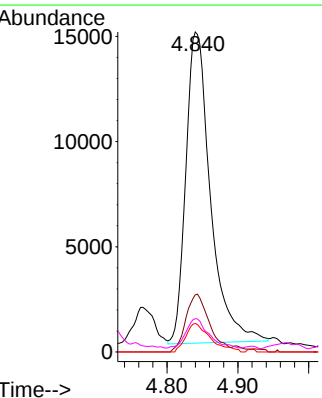
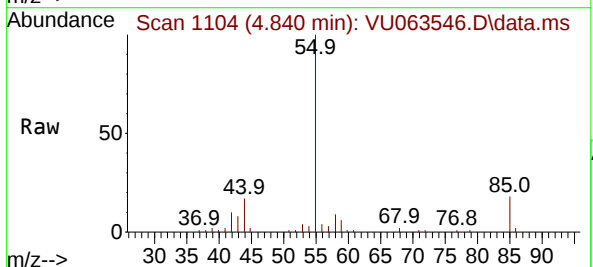
Ion Ratio Lower Upper

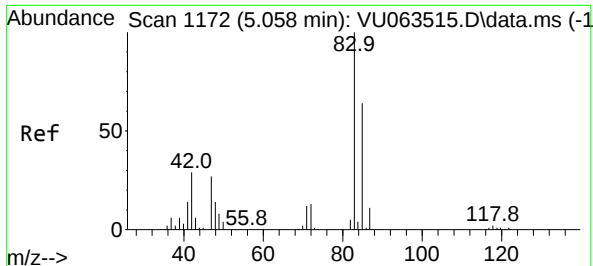
55 100

85 17.5 12.8 19.2

58 9.1 7.0 10.4

42 8.7 7.0 10.4





#41

Tetrahydrofuran

Concen: 16.616 ug/l

RT: 5.052 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

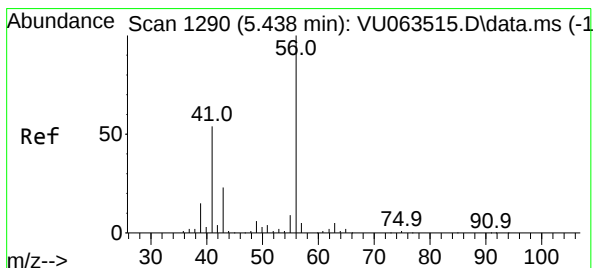
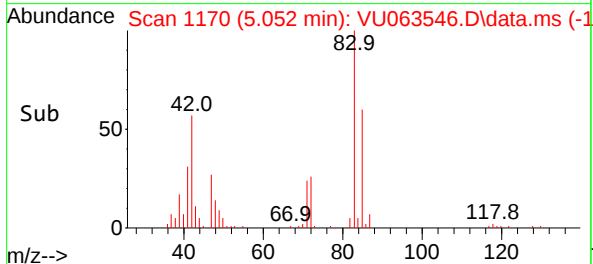
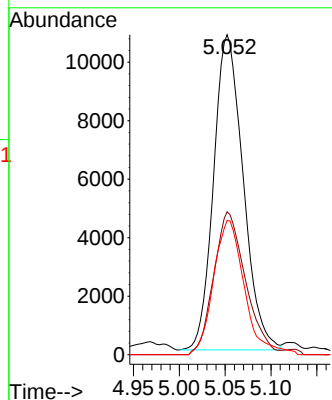
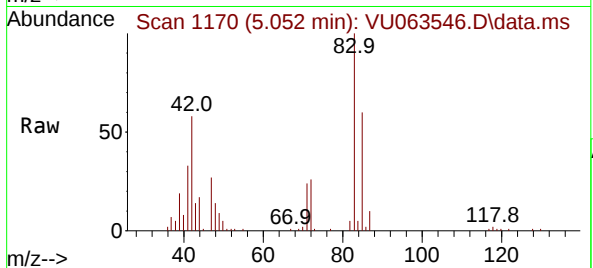
VSTDCCC010

Tgt Ion:	42	Resp:	24150
Ion Ratio	Lower	Upper	
42	100		
72	48.7	39.2	58.8
71	44.5	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#42

1-Chlorobutane

Concen: 9.725 ug/l

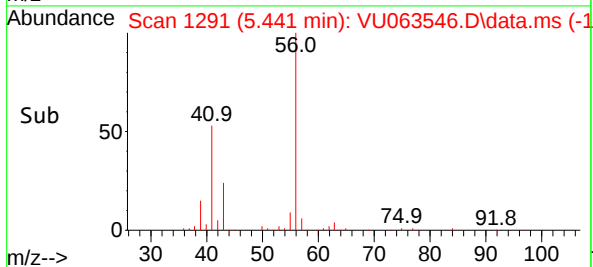
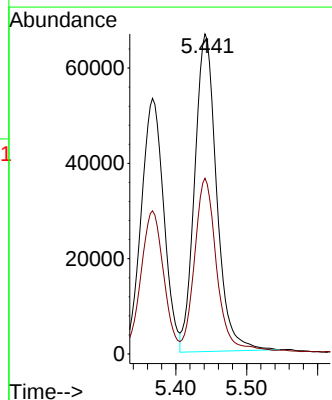
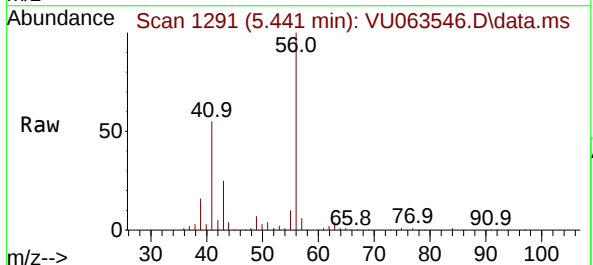
RT: 5.441 min Scan# 1291

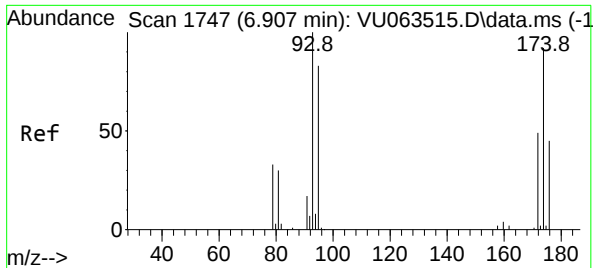
Delta R.T. 0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

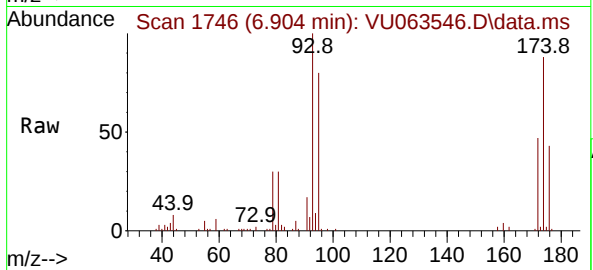
Tgt Ion:	56	Resp:	143541
Ion Ratio	Lower	Upper	
56	100		
41	54.0	26.7	80.0





#43
Dibromomethane
Concen: 10.414 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

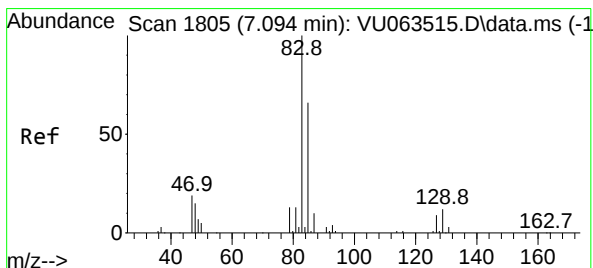
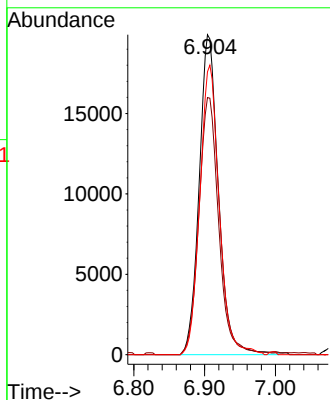
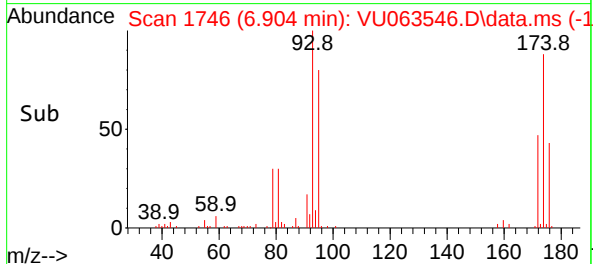
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



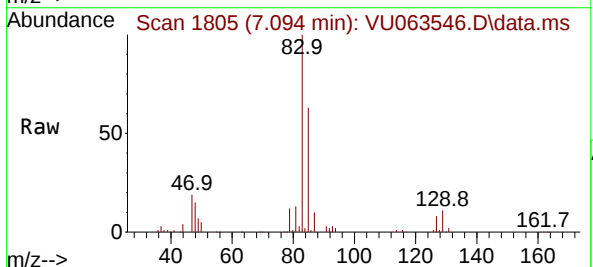
Tgt Ion: 93 Resp: 3766
Ion Ratio Lower Upper
93 100
95 82.6 67.9 101.9
174 91.0 74.6 111.8

Manual Integrations
APPROVED

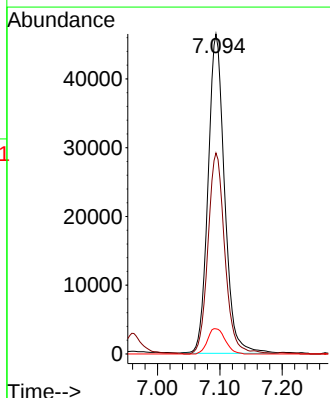
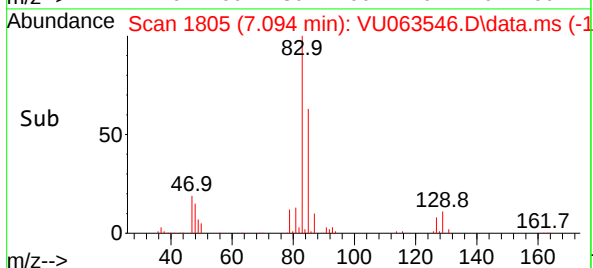
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

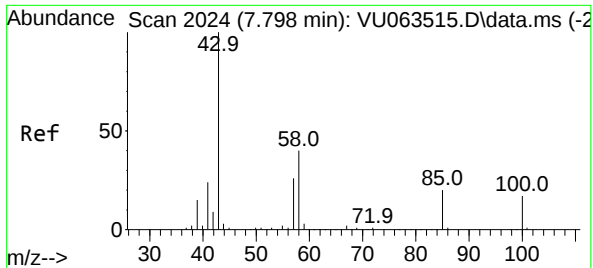


#44
Bromodichloromethane
Concen: 10.480 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



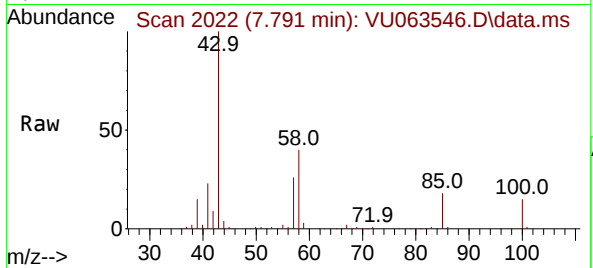
Tgt Ion: 83 Resp: 85475
Ion Ratio Lower Upper
83 100
85 62.6 52.7 79.1
127 7.9 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 54.609 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

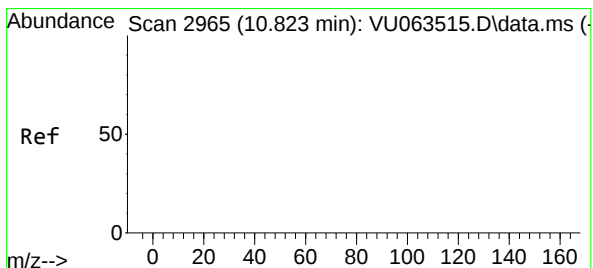
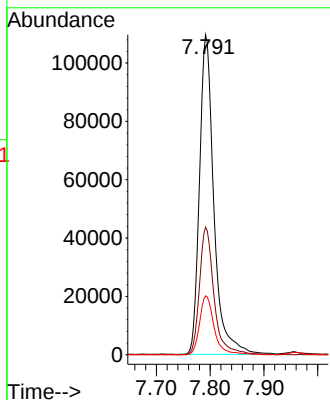
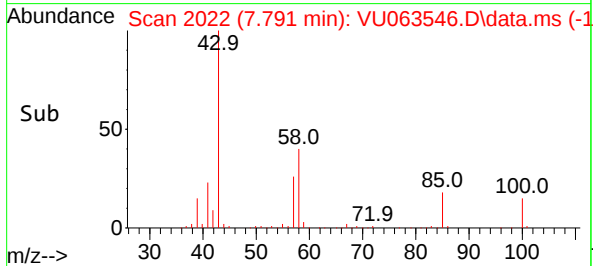
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 203552
Ion Ratio Lower Upper
43 100
58 40.2 20.0 60.0
85 18.6 15.4 23.0

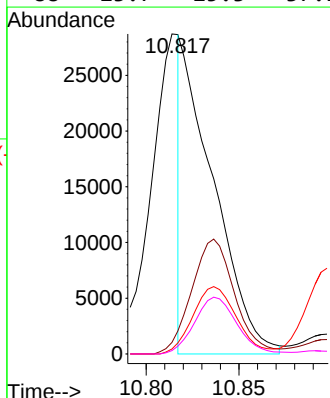
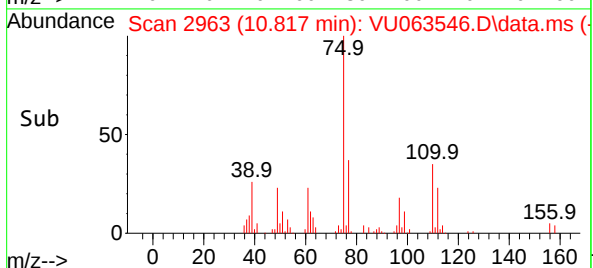
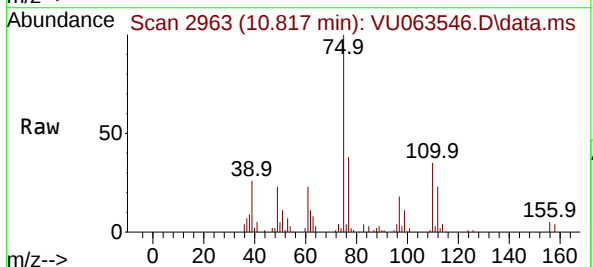
Manual Integrations
APPROVED

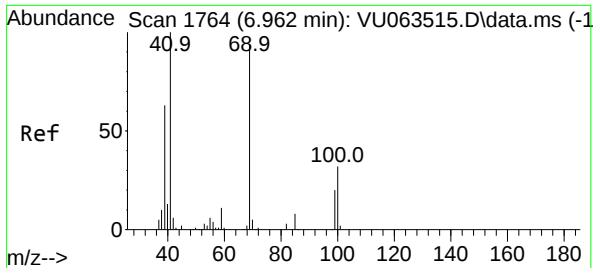
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#46
t-1,4-Dichloro-2-butene
Concen: 24.510 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

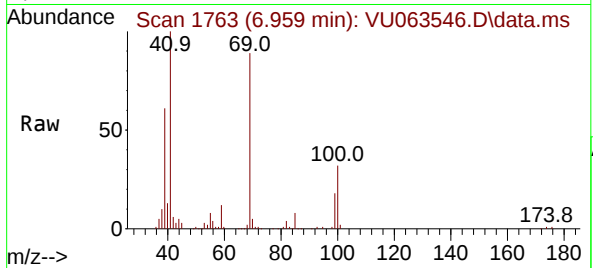
Tgt Ion: 75 Resp: 34296
Ion Ratio Lower Upper
75 100
53 48.4 48.4 72.6#
89 28.8 30.6 45.8#
88 23.7 25.3 37.9#





#47
Methyl methacrylate
Concen: 22.255 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

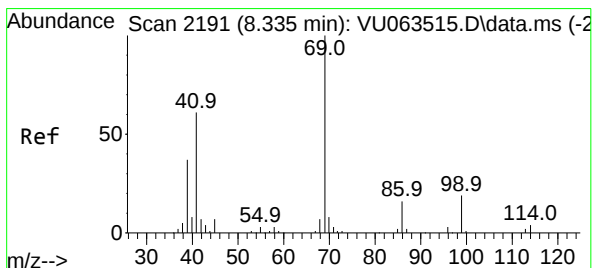
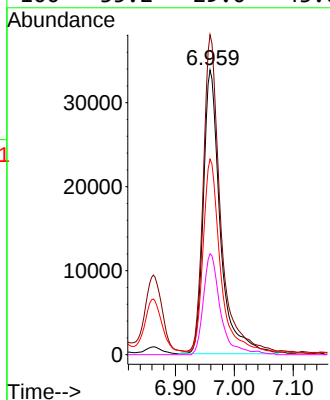
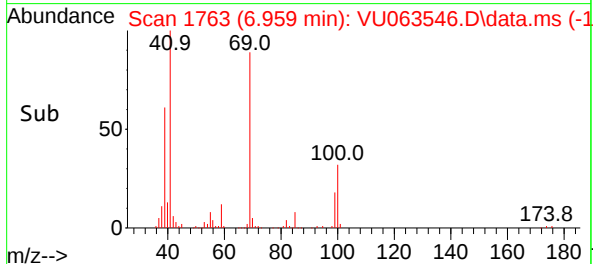
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 67590
Ion Ratio Lower Upper
69 100
41 110.7 0.0 224.0
39 69.5 55.3 82.9
100 35.2 29.0 43.6

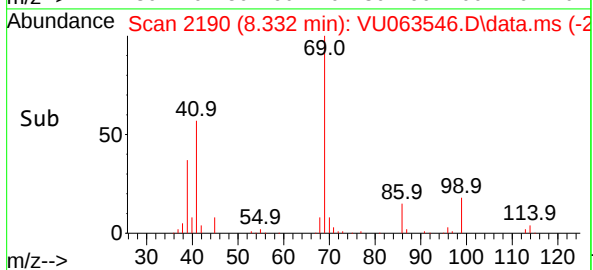
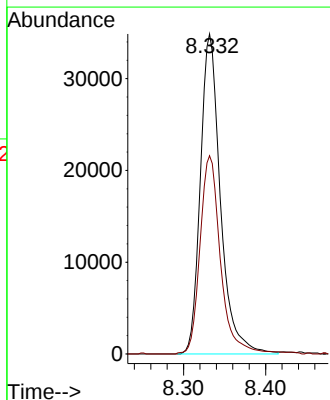
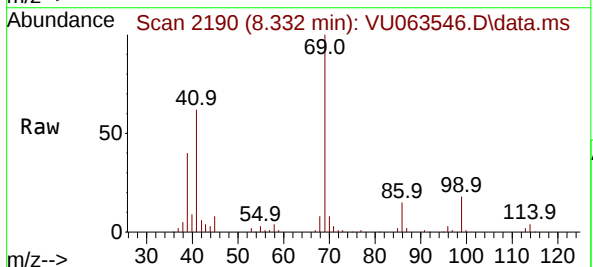
Manual Integrations
APPROVED

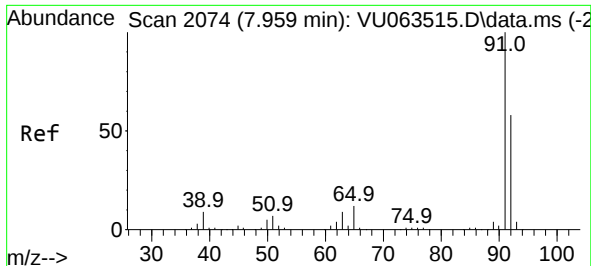
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#48
Ethyl methacrylate
Concen: 10.220 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion: 69 Resp: 59240
Ion Ratio Lower Upper
69 100
41 63.3 30.8 92.4





#49

Toluene

Concen: 9.414 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 15333

Ion Ratio Lower Upper

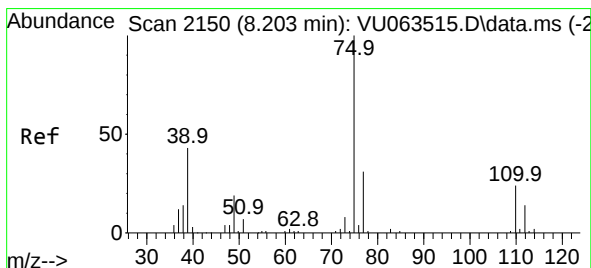
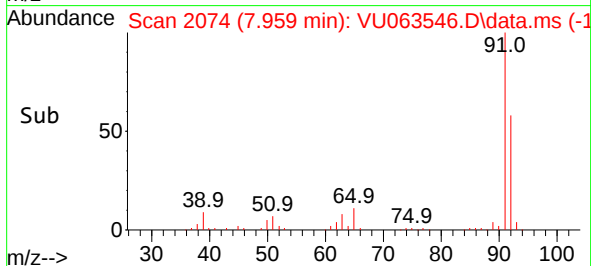
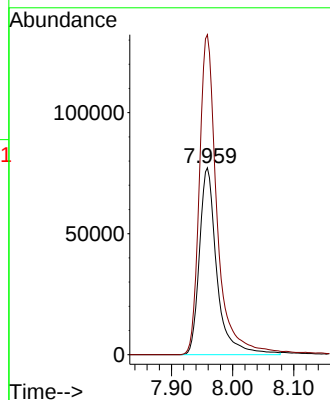
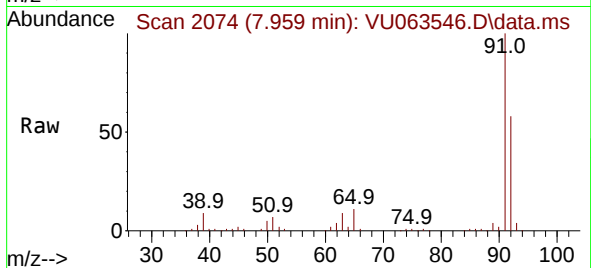
92 100

91 175.0 140.4 210.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#50

t-1,3-Dichloropropene

Concen: 9.766 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU063546.D

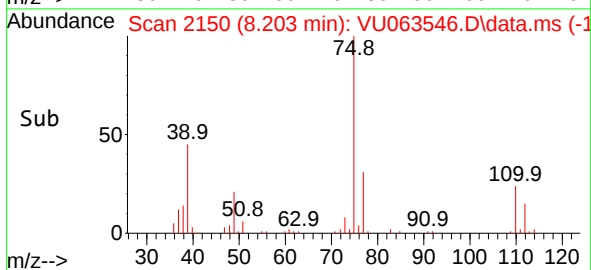
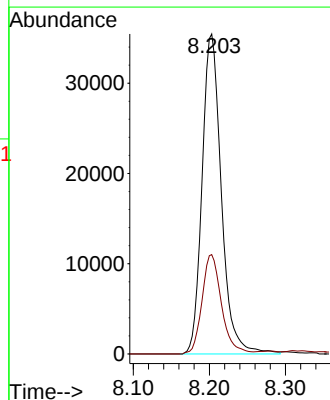
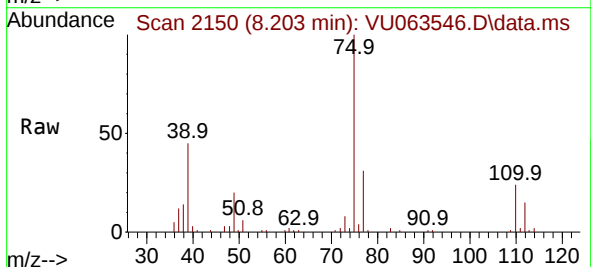
Acq: 21 Jul 2025 09:13

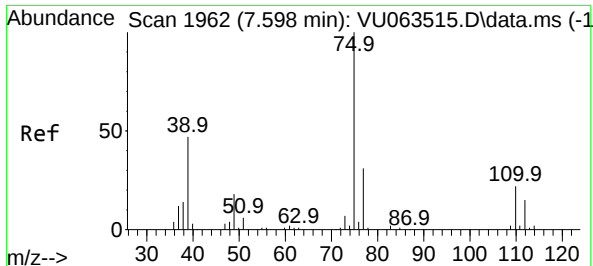
Tgt Ion: 75 Resp: 62494

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3





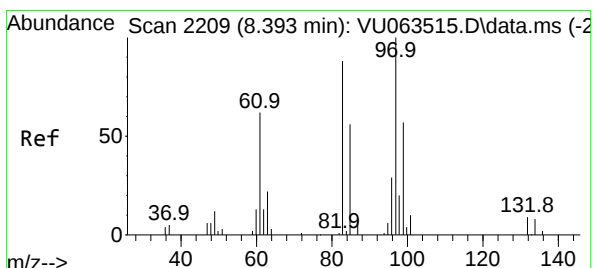
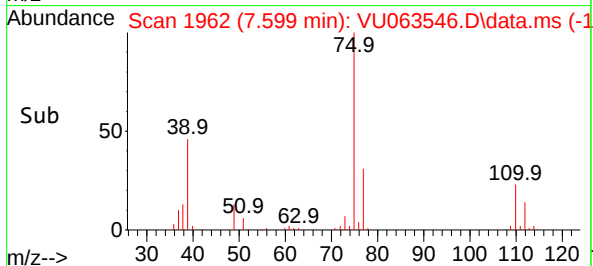
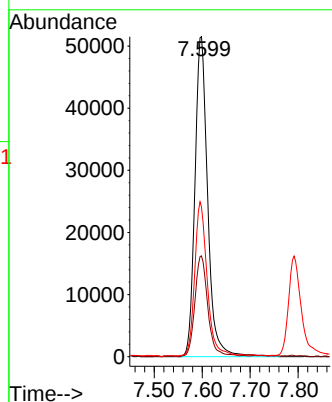
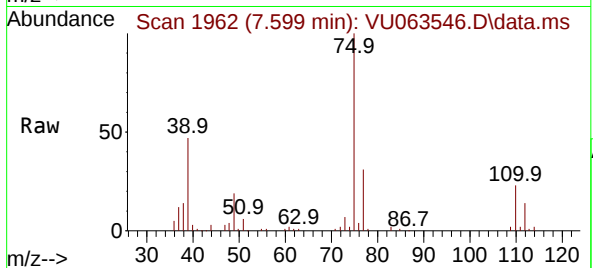
#51
 cis-1,3-Dichloropropene
 Concen: 11.083 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063546.D
 Acq: 21 Jul 2025 09:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 95194
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 46.4 37.8 56.6

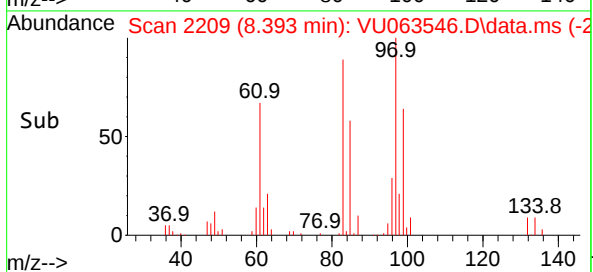
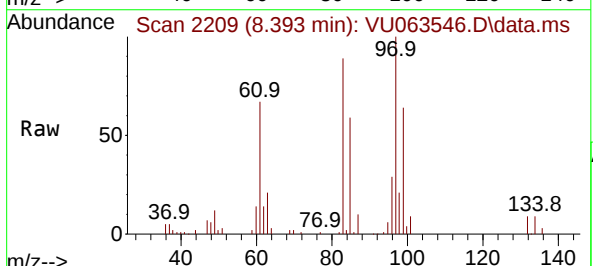
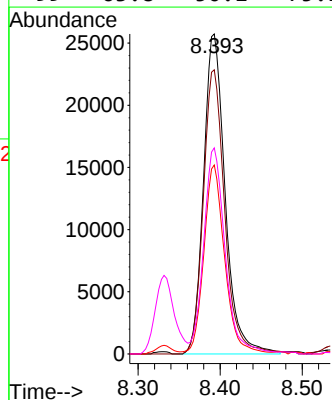
Manual Integrations
 APPROVED

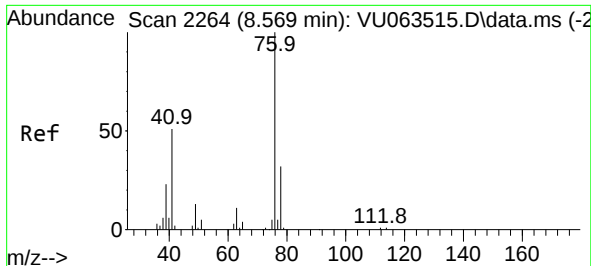
Reviewed By :Mahesh Dadoda 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#52
 1,1,2-Trichloroethane
 Concen: 9.662 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063546.D
 Acq: 21 Jul 2025 09:13

Tgt Ion: 97 Resp: 47045
 Ion Ratio Lower Upper
 97 100
 83 88.8 70.2 105.2
 85 58.4 45.2 67.8
 99 63.8 50.1 75.1





#53

1,3-Dichloropropane

Concen: 9.670 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 8128

Ion Ratio Lower Upper

76 100

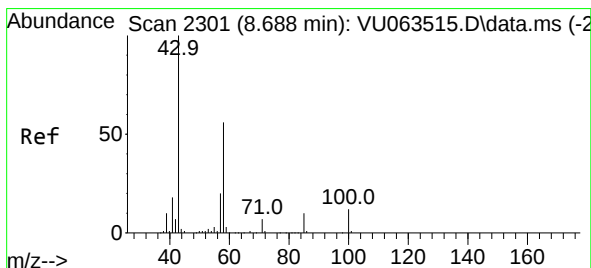
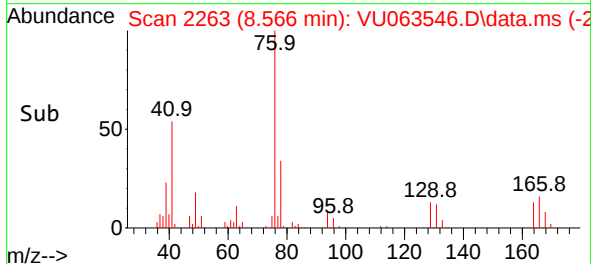
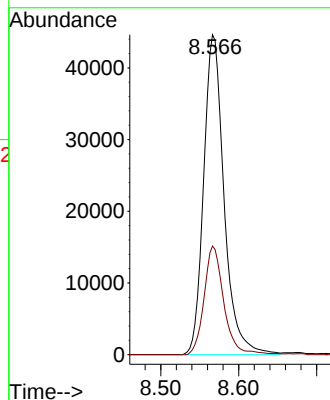
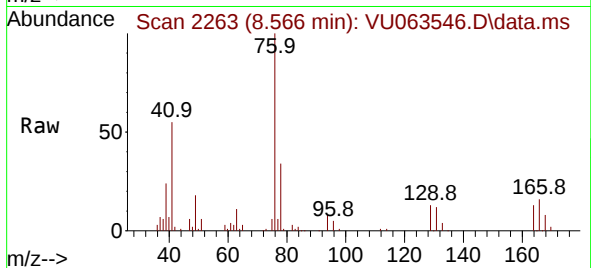
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#54

2-Hexanone

Concen: 56.909 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

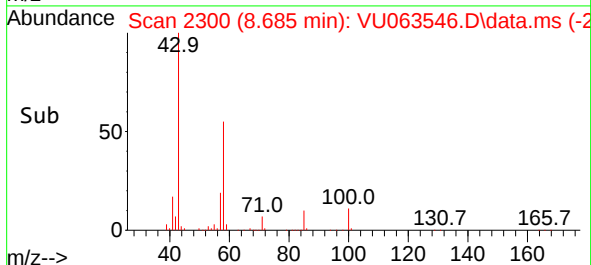
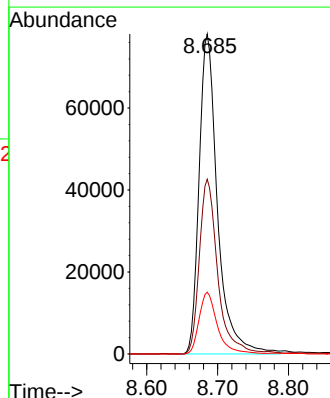
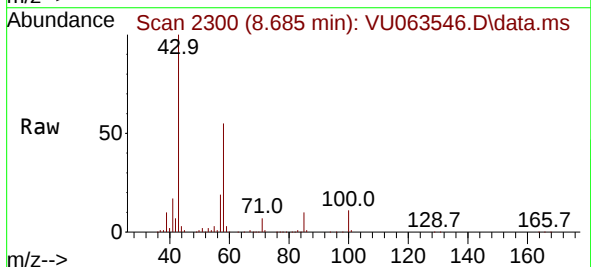
Tgt Ion: 43 Resp: 140898

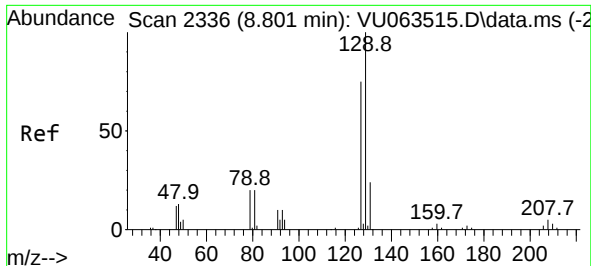
Ion Ratio Lower Upper

43 100

58 54.3 34.8 74.8

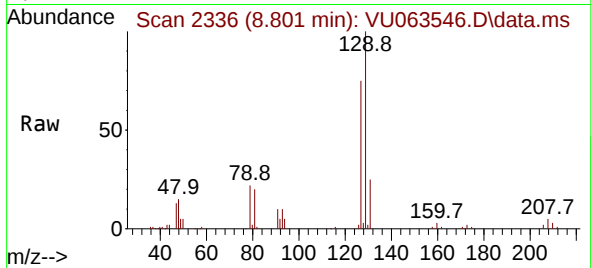
57 19.2 0.0 39.5





#55
Dibromochloromethane
Concen: 9.846 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

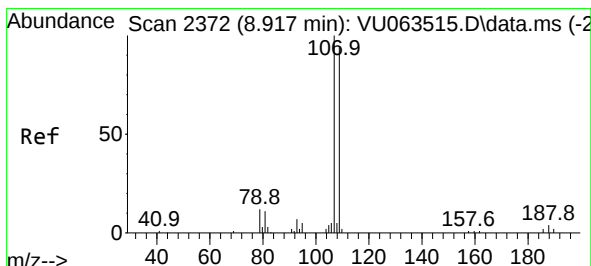
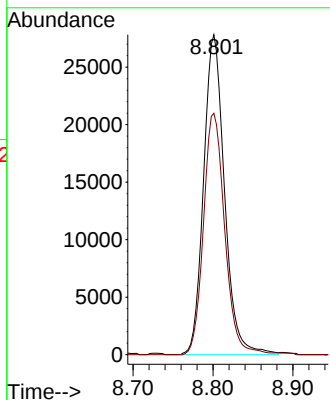
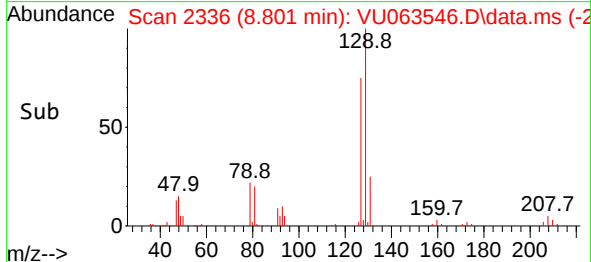
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 5066
Ion Ratio Lower Upper
129 100
127 76.5 60.1 90.1

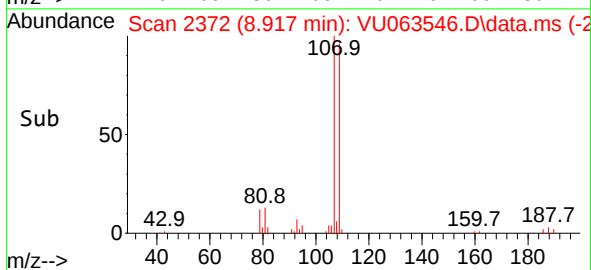
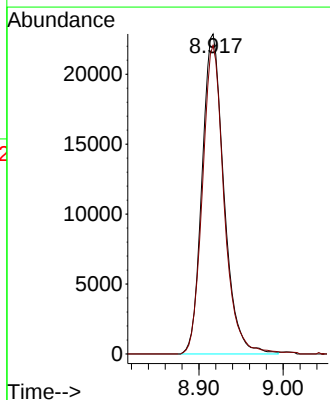
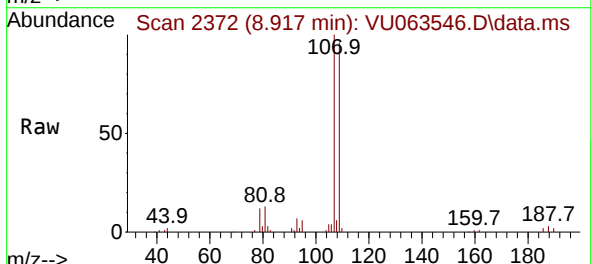
Manual Integrations
APPROVED

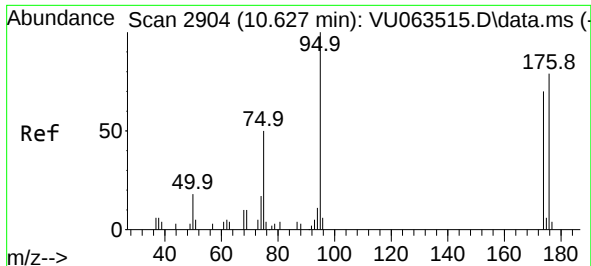
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#56
1,2-Dibromoethane
Concen: 9.510 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

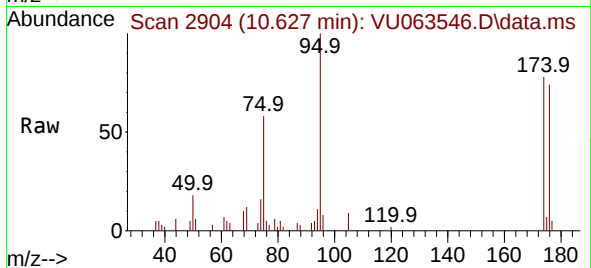
Tgt Ion:107 Resp: 41444
Ion Ratio Lower Upper
107 100
109 95.1 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.130 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

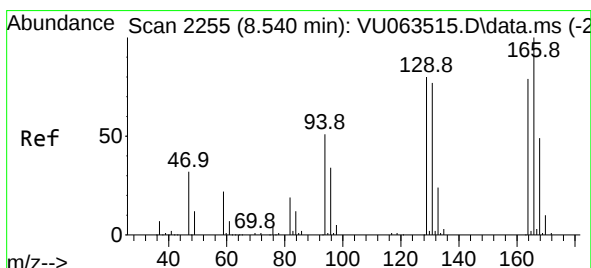
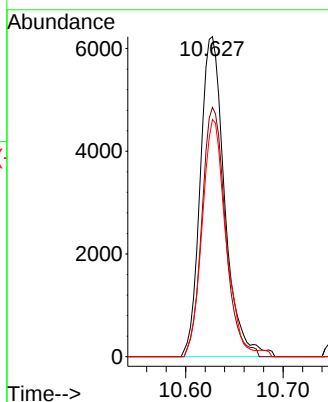
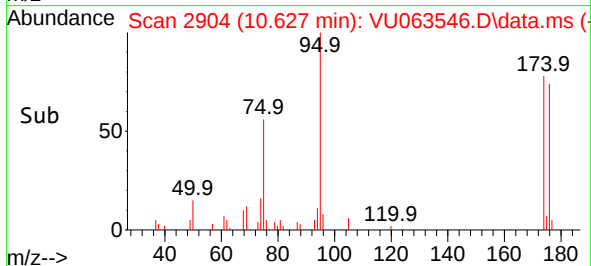
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 1083
Ion Ratio Lower Upper
95 100
174 75.1 59.8 89.8
176 72.0 61.8 92.8

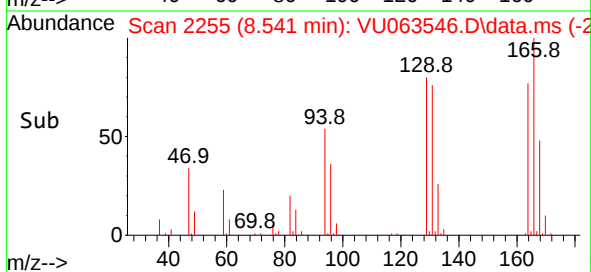
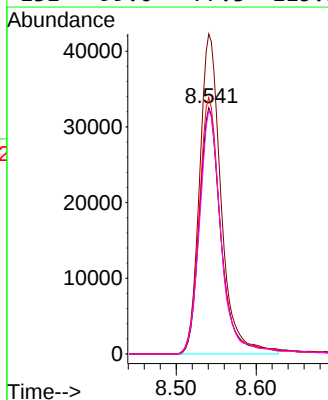
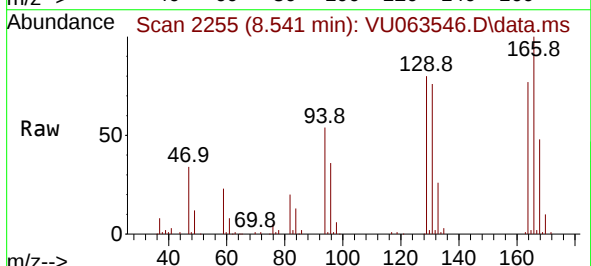
Manual Integrations
APPROVED

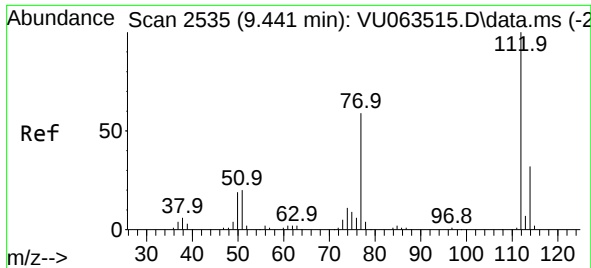
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#58
Tetrachloroethene
Concen: 8.818 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion:164 Resp: 61423
Ion Ratio Lower Upper
164 100
166 130.1 100.7 151.1
129 104.2 80.6 120.8
131 99.0 77.3 115.9





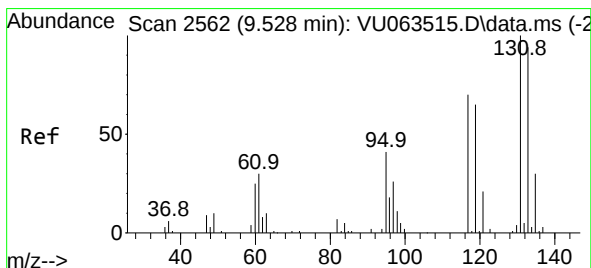
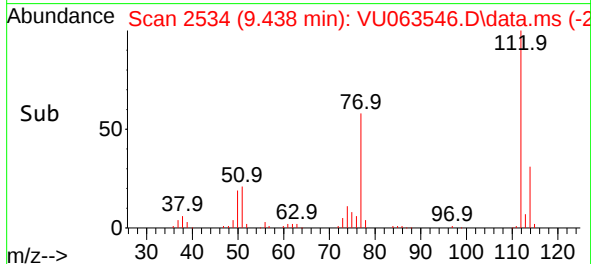
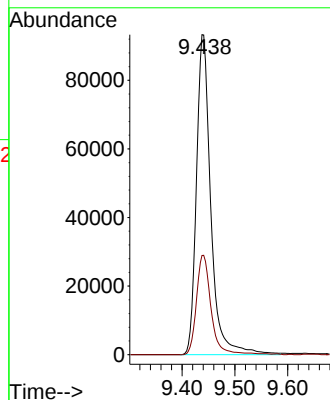
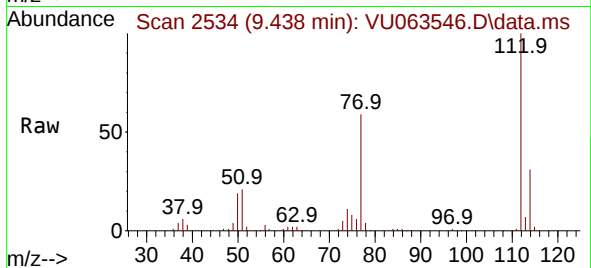
#59
Chlorobenzene
Concen: 9.421 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 176225
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

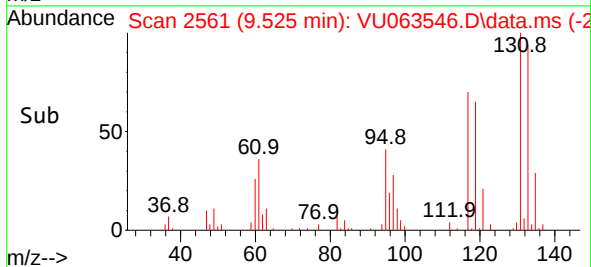
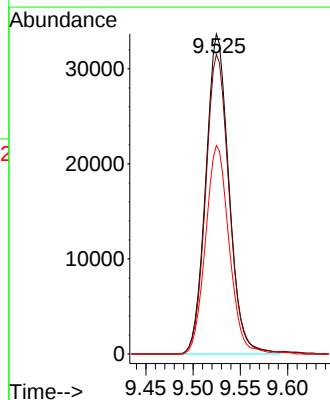
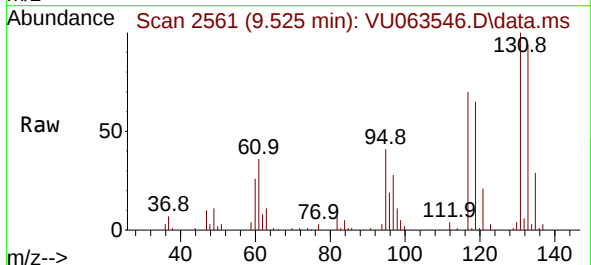
Manual Integrations
APPROVED

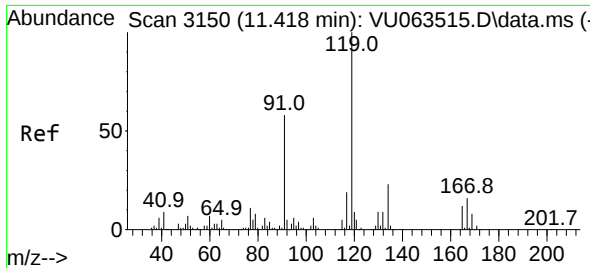
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 9.555 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

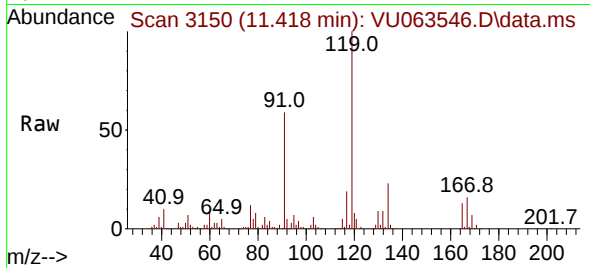
Tgt Ion:131 Resp: 57475
Ion Ratio Lower Upper
131 100
133 94.9 74.7 112.1
119 66.2 53.0 79.4





#61
Pentachloroethane
Concen: 9.822 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

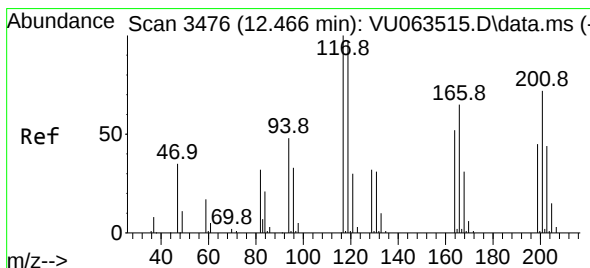
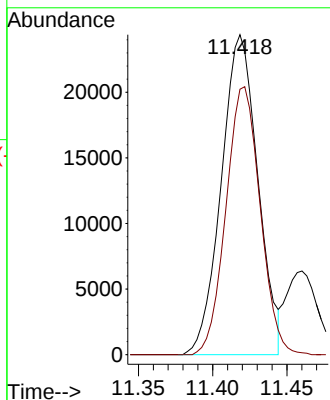
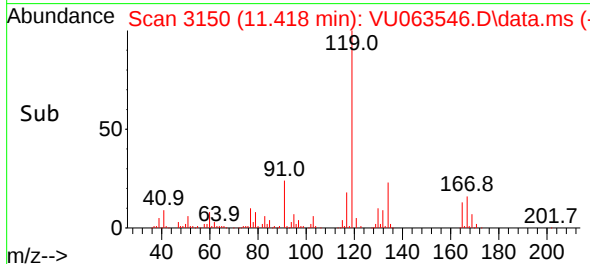
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



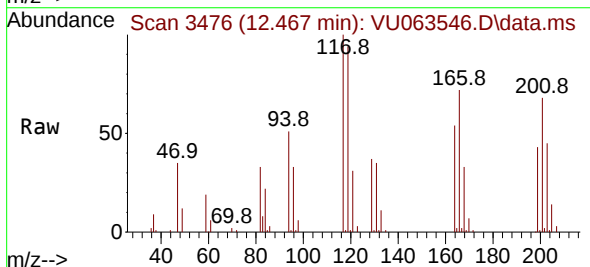
Tgt Ion:117 Resp: 41749
Ion Ratio Lower Upper
117 100
167 78.4 65.0 97.6

Manual Integrations
APPROVED

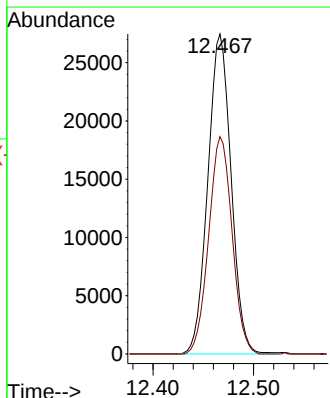
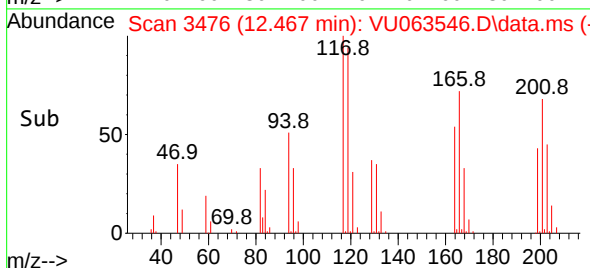
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

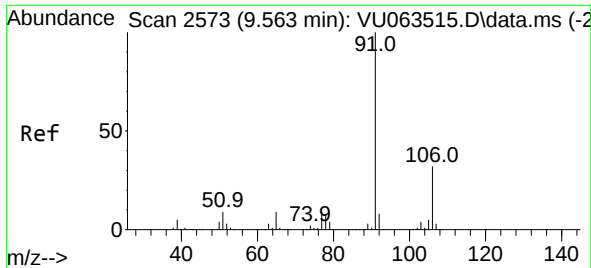


#62
Hexachloroethane
Concen: 10.506 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



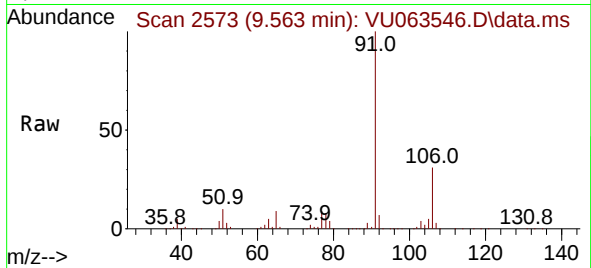
Tgt Ion:117 Resp: 44222
Ion Ratio Lower Upper
117 100
201 68.1 57.4 86.0





#63
Ethyl Benzene
Concen: 9.451 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

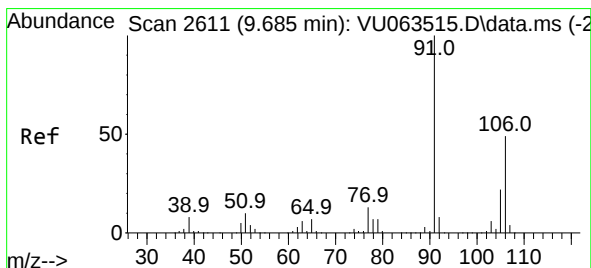
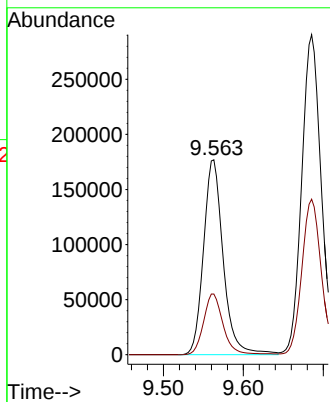
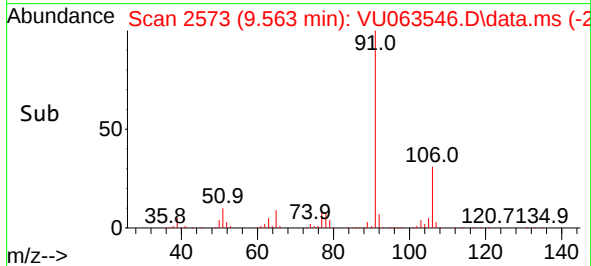
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



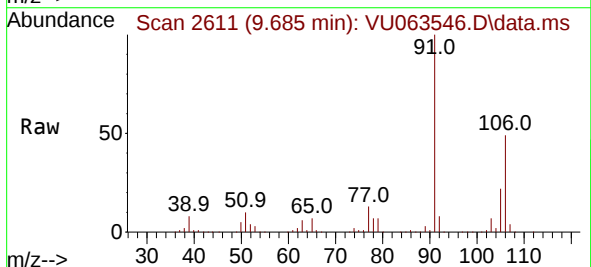
Tgt Ion: 91 Resp: 304220
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

Manual Integrations
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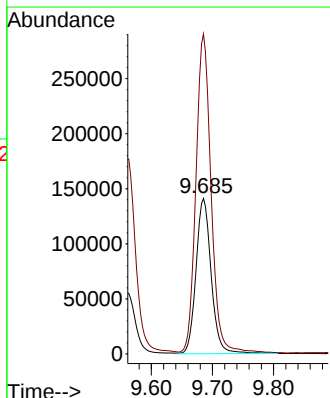
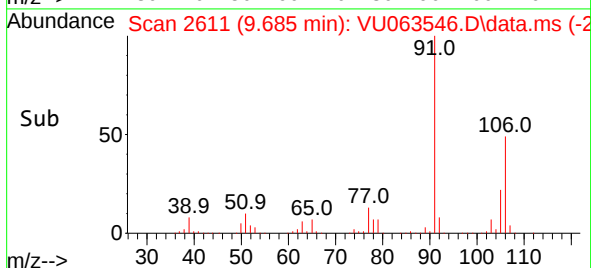
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

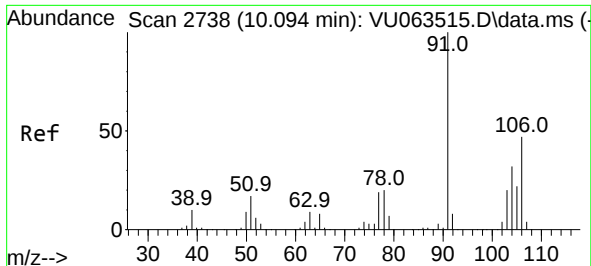


#64
m/p-Xylenes
Concen: 19.356 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion:106 Resp: 242181
Ion Ratio Lower Upper
106 100
91 206.7 163.6 245.4





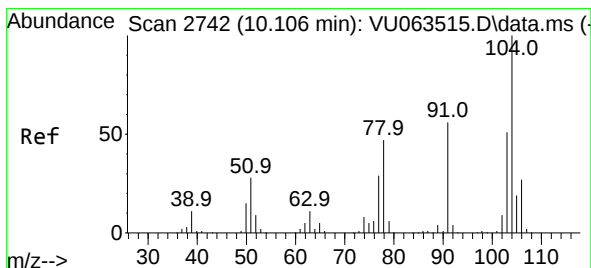
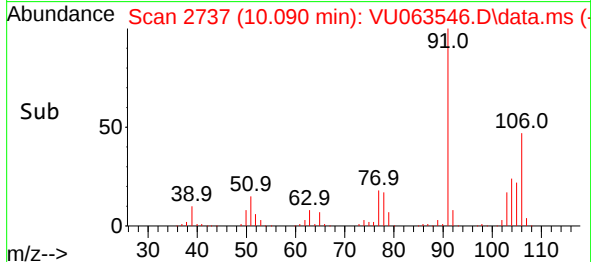
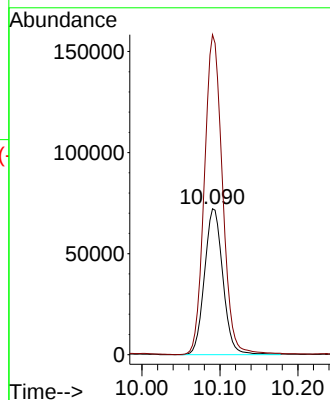
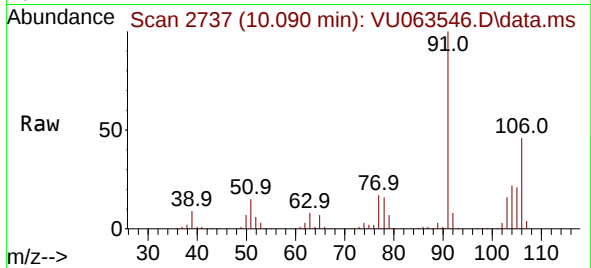
#65
o-Xylene
Concen: 9.843 ug/l
RT: 10.090 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 118344
Ion Ratio Lower Upper
106 100
91 217.4 108.1 324.4

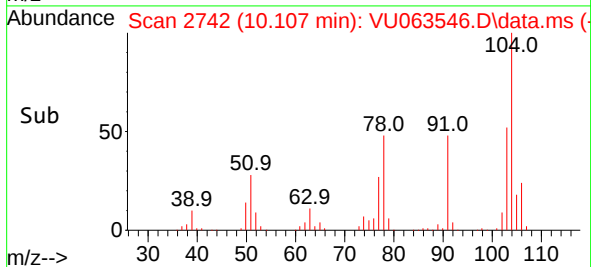
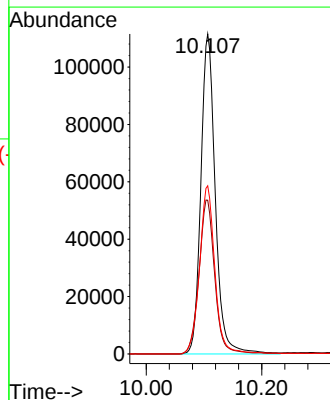
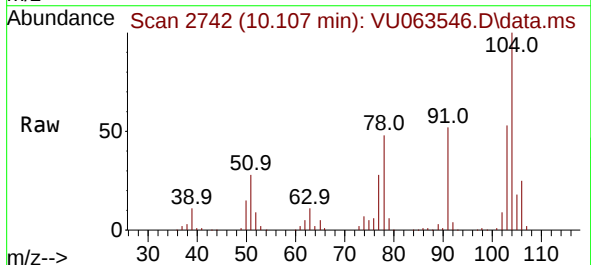
Manual Integrations
APPROVED

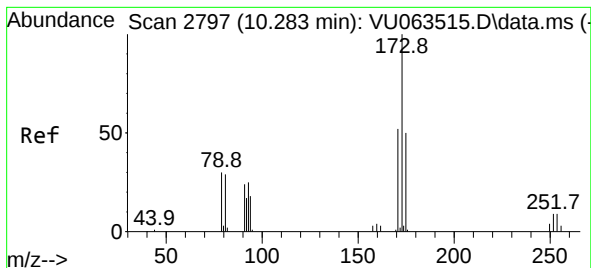
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#66
Styrene
Concen: 10.098 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Tgt Ion:104 Resp: 193495
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 55.9 43.6 65.4





#67

Bromoform

Concen: 9.861 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 2606

Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.4

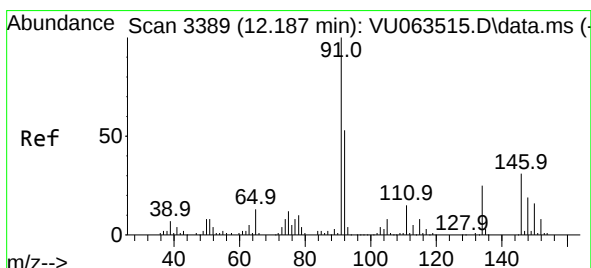
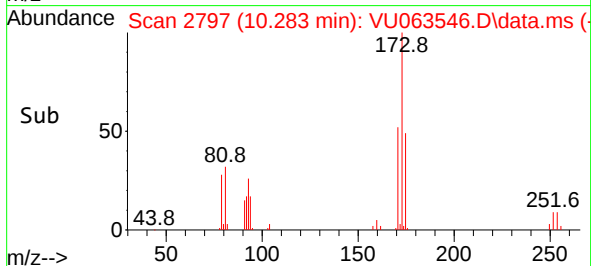
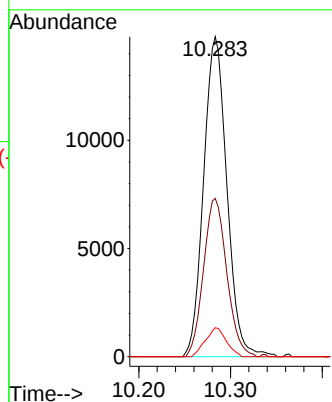
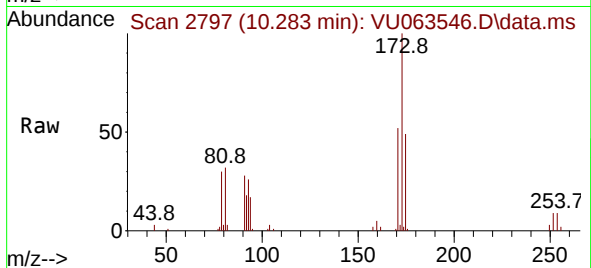
254 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.997 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. -0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

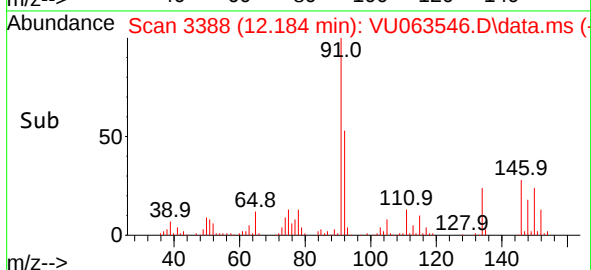
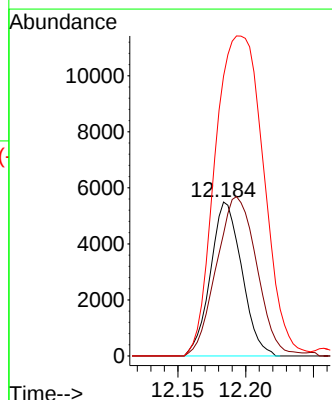
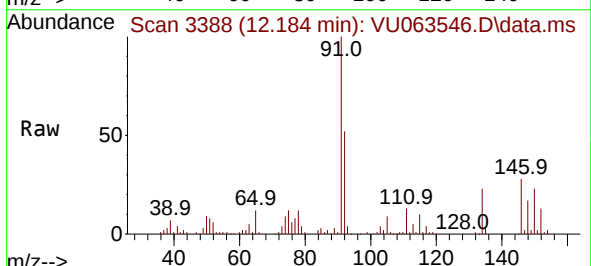
Tgt Ion:152 Resp: 8838

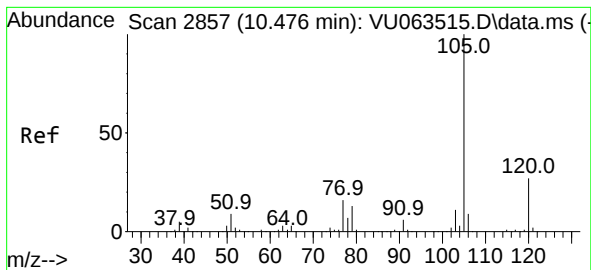
Ion Ratio Lower Upper

152 100

115 133.2 0.0 262.2

150 321.7 0.0 651.2





#69

Isopropylbenzene

Concen: 9.881 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 28719

Ion Ratio Lower Upper

105 100

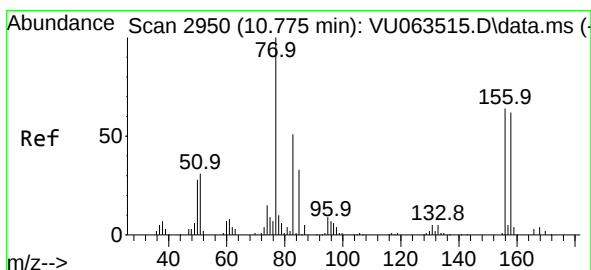
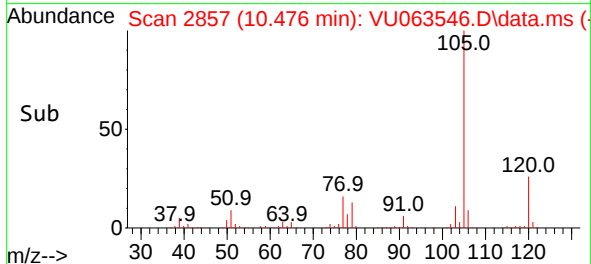
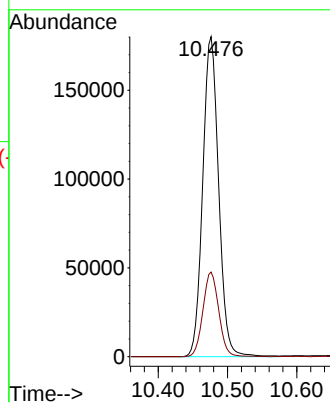
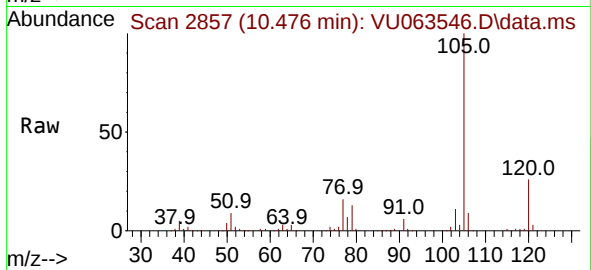
120 26.3 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.199 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

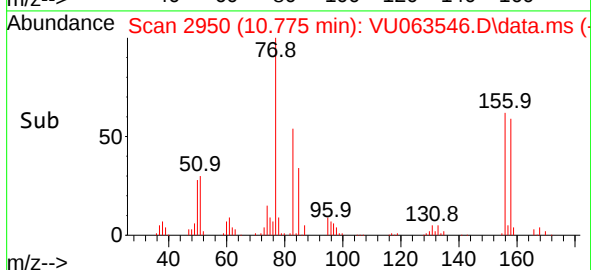
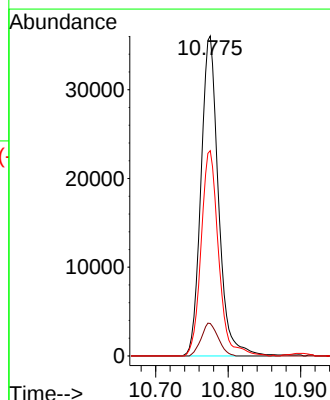
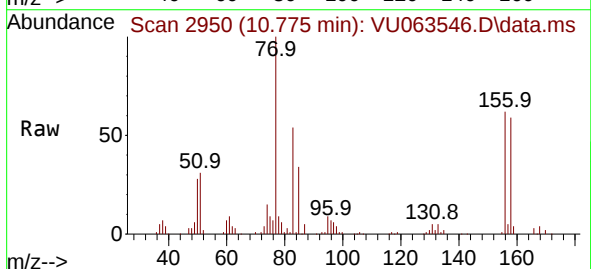
Tgt Ion: 83 Resp: 60426

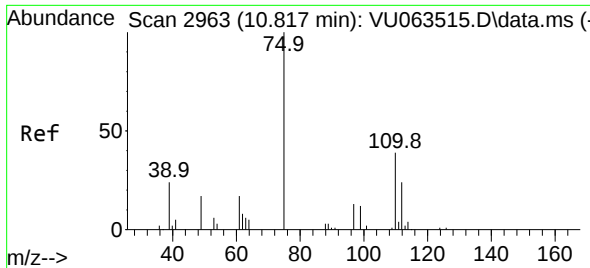
Ion Ratio Lower Upper

83 100

131 10.0 8.4 12.6

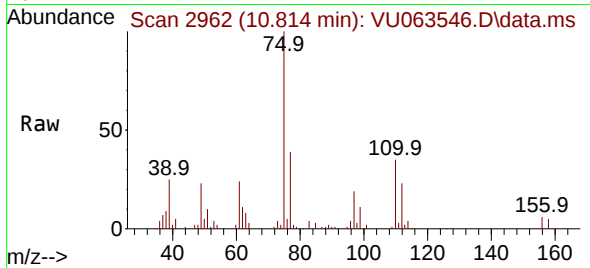
85 64.2 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 9.220 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

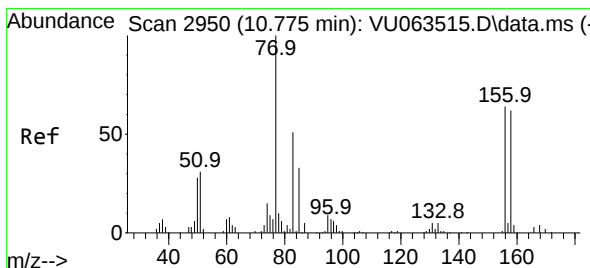
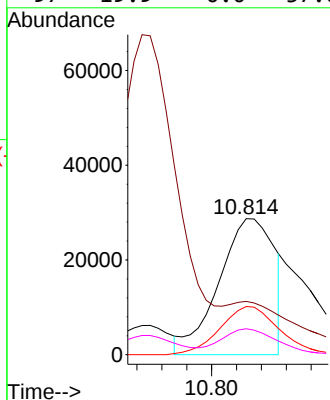
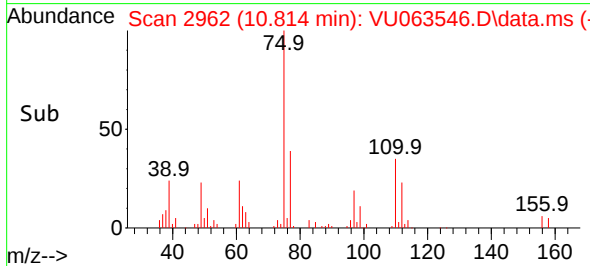
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



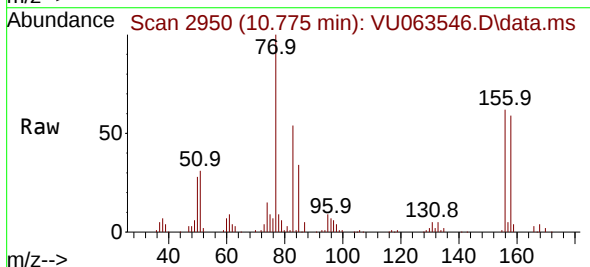
Tgt Ion: 75 Resp: 44369
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 38.4 0.0 73.2
97 19.9 0.0 37.6

Manual Integrations
APPROVED

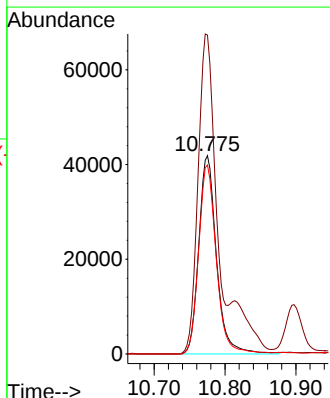
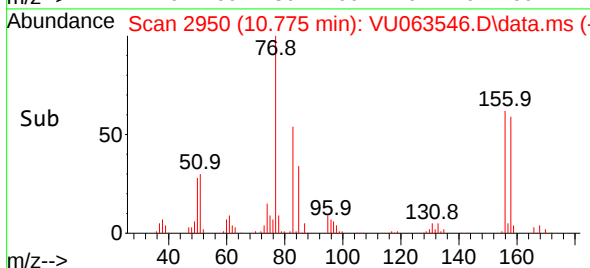
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

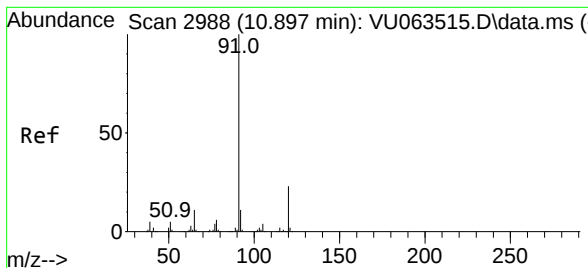


#72
Bromobenzene
Concen: 9.701 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion:156 Resp: 72768
Ion Ratio Lower Upper
156 100
77 158.5 0.0 315.2
158 94.9 0.0 195.4





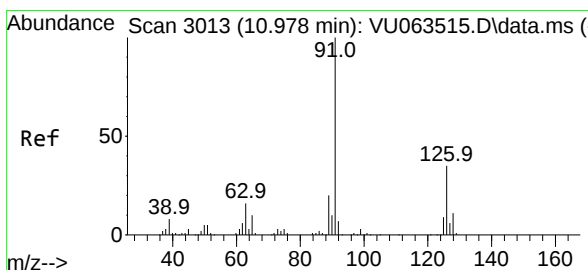
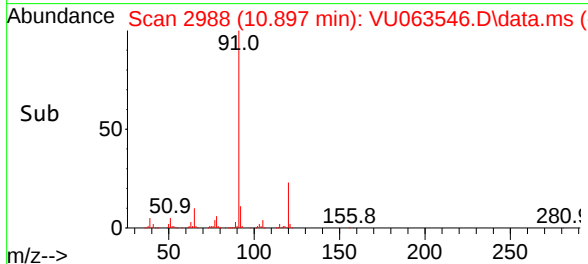
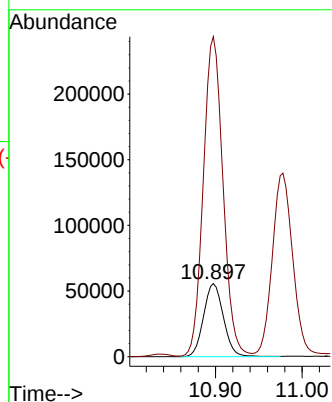
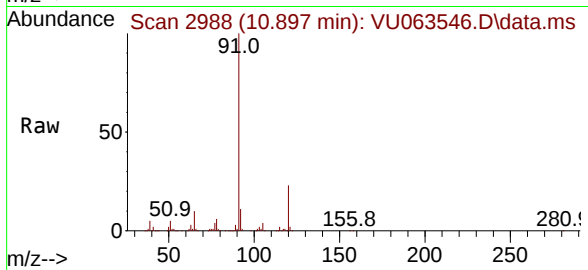
#73
n-propylbenzene
Concen: 10.118 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 8852
Ion Ratio Lower Upper
120 100
91 432.5 343.1 514.7

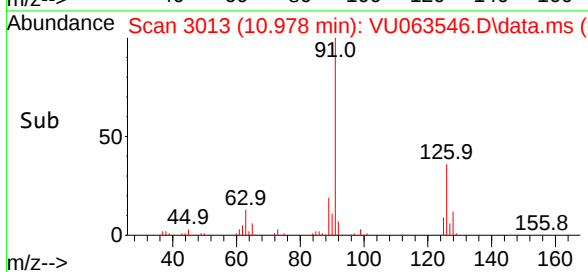
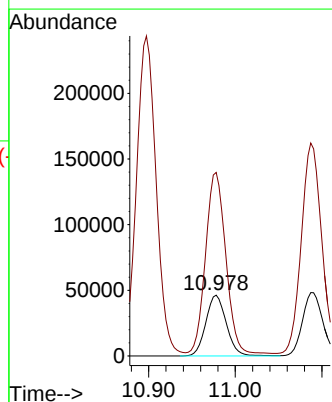
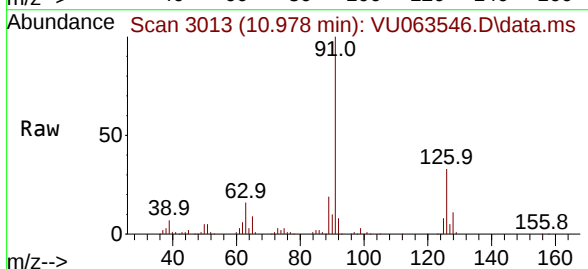
Manual Integrations
APPROVED

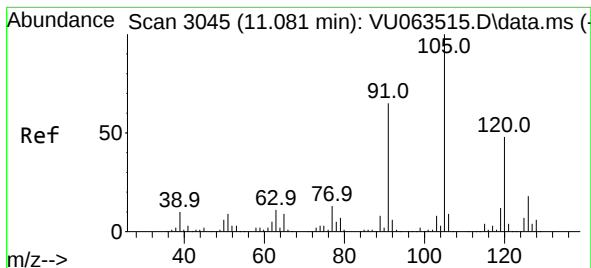
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#74
2-Chlorotoluene
Concen: 9.848 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

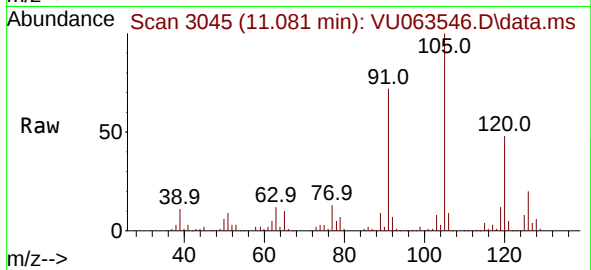
Tgt Ion:126 Resp: 76154
Ion Ratio Lower Upper
126 100
91 301.4 0.0 606.0





#75
1,3,5-Trimethylbenzene
Concen: 10.058 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

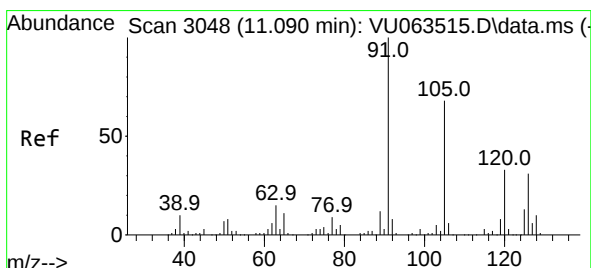
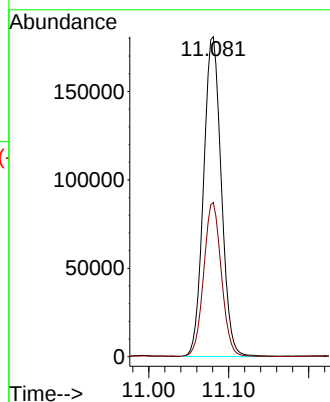
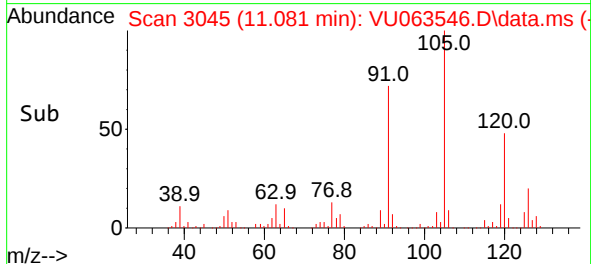
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



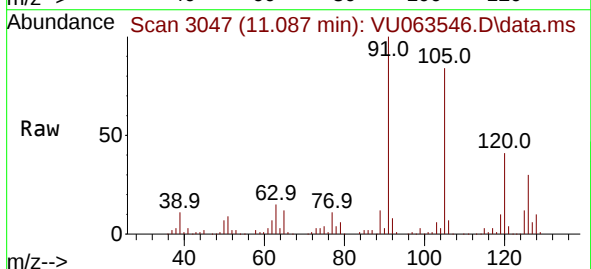
Tgt Ion:105 Resp: 27927
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.8

Manual Integrations
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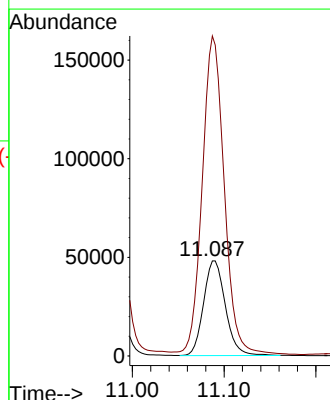
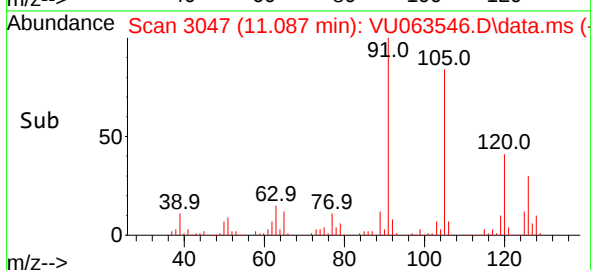
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

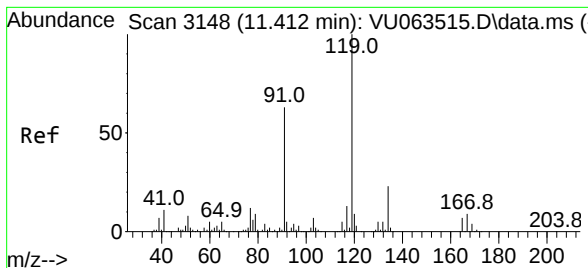


#76
4-Chlorotoluene
Concen: 10.103 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



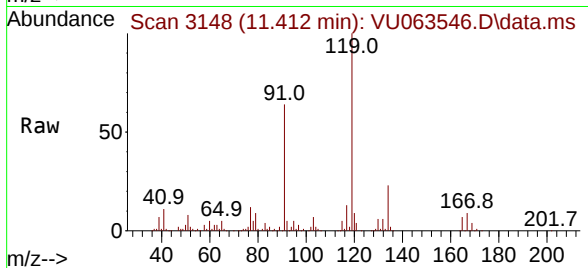
Tgt Ion:126 Resp: 79338
Ion Ratio Lower Upper
126 100
91 339.9 0.0 682.2





#77
tert-Butylbenzene
Concen: 9.934 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

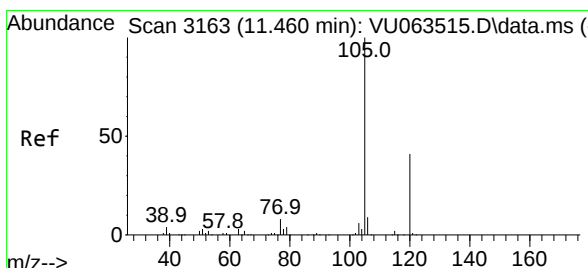
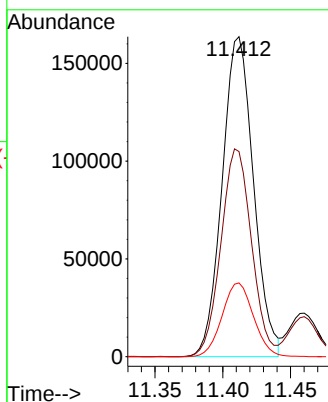
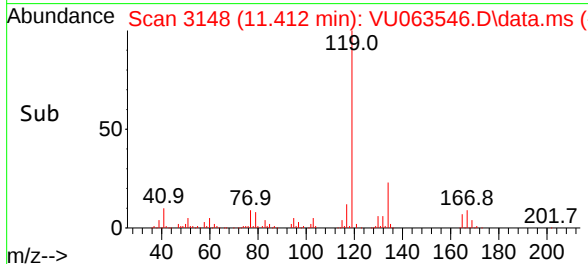
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



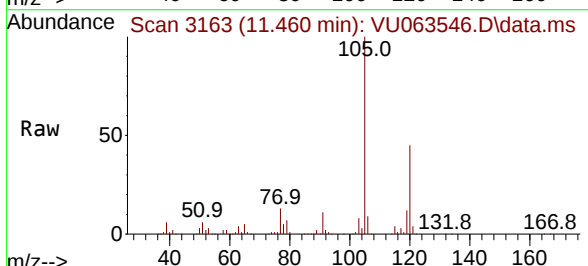
Tgt Ion:119 Resp: 263598
Ion Ratio Lower Upper
119 100
91 63.6 30.7 92.1
134 23.1 18.5 27.7

Manual Integrations
APPROVED

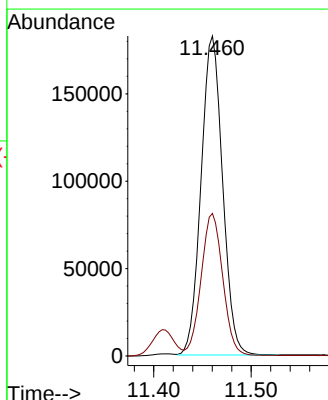
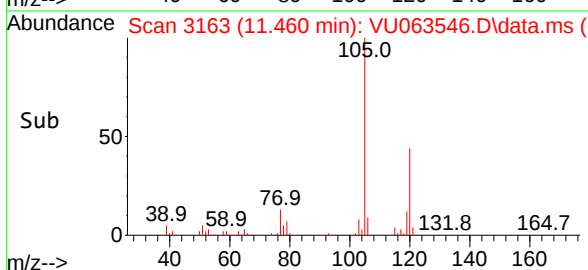
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

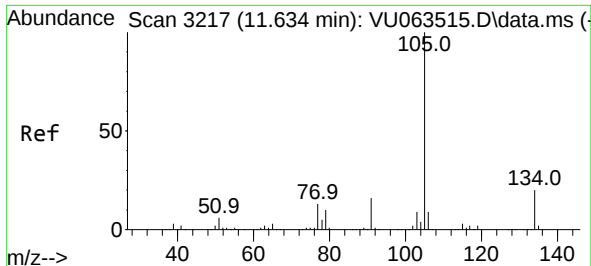


#78
1,2,4-Trimethylbenzene
Concen: 10.157 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion:105 Resp: 279809
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.0





#79

sec-Butylbenzene

Concen: 10.118 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 36207

Ion Ratio Lower Upper

105 100

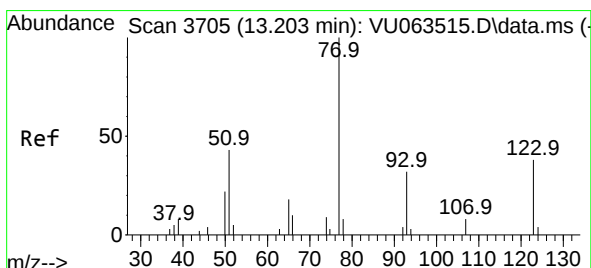
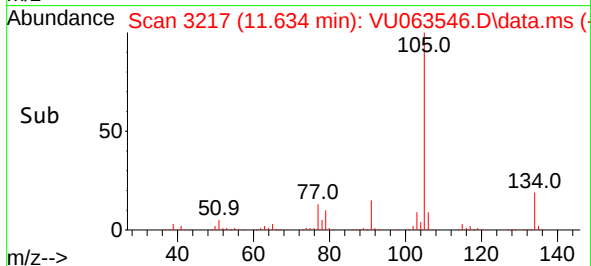
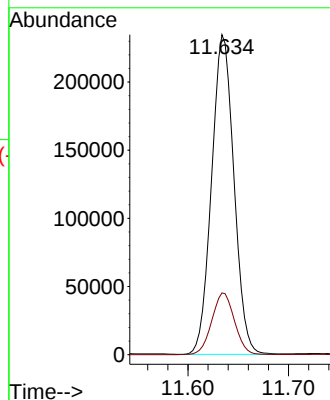
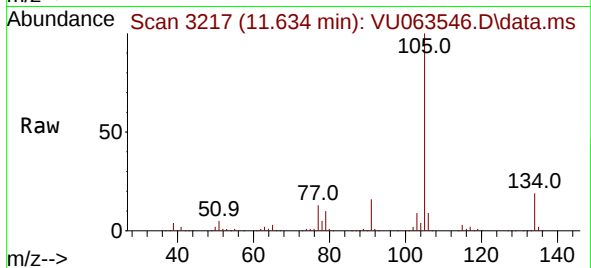
134 19.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#80

Nitrobenzene

Concen: 38.750 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU063546.D

Acq: 21 Jul 2025 09:13

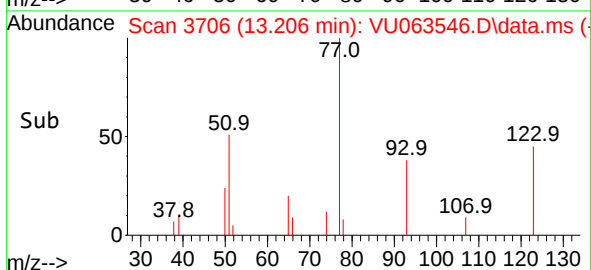
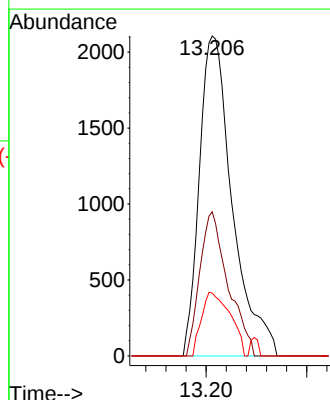
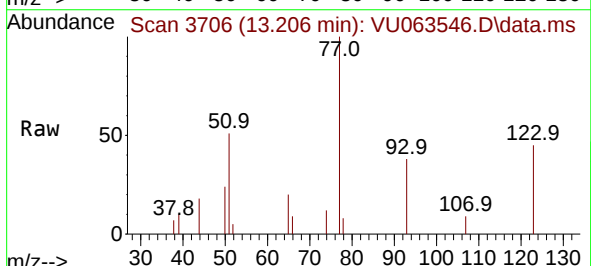
Tgt Ion: 77 Resp: 4788

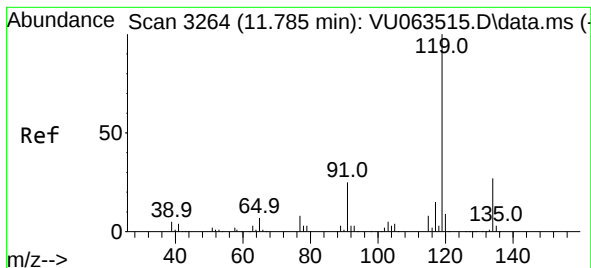
Ion Ratio Lower Upper

77 100

123 38.6 16.9 59.7

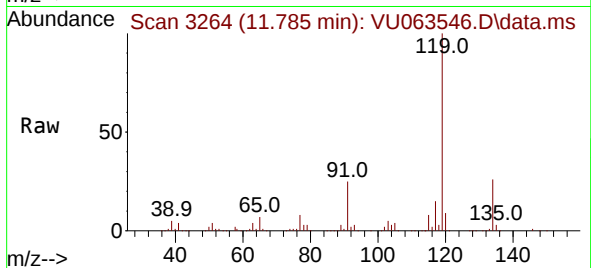
65 17.3 16.5 20.9





#81
p-Isopropyltoluene
Concen: 10.184 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

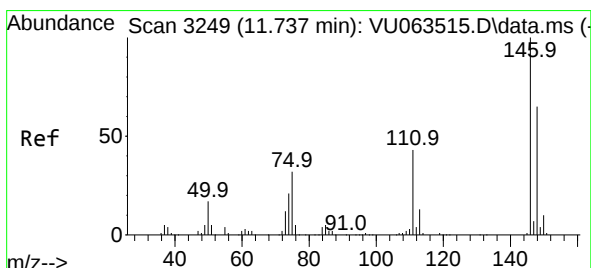
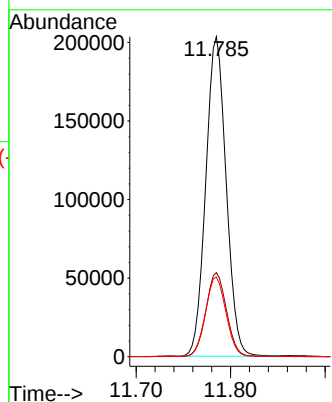
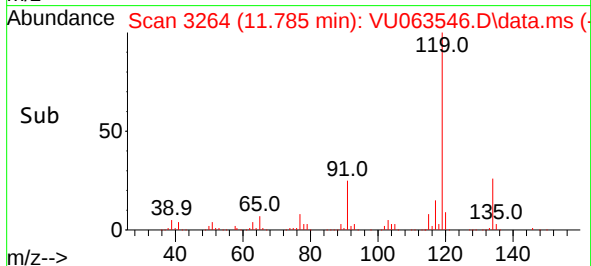
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



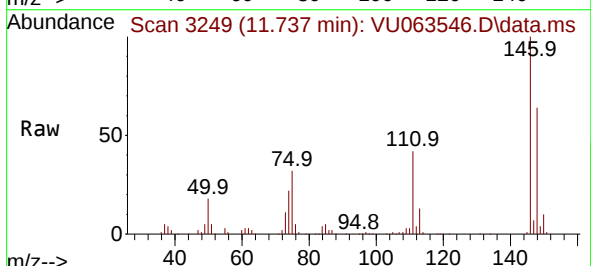
Tgt Ion:119 Resp: 30421
Ion Ratio Lower Upper
119 100
134 26.4 21.1 31.7
91 25.1 19.8 29.8

Manual Integrations
APPROVED

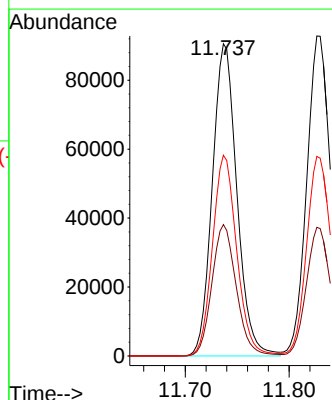
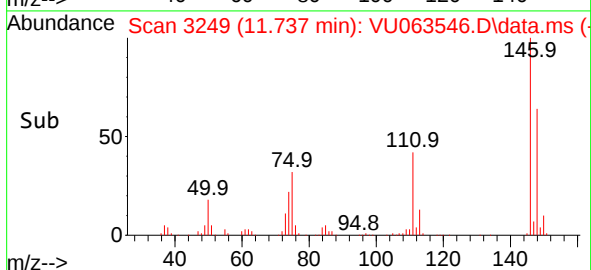
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

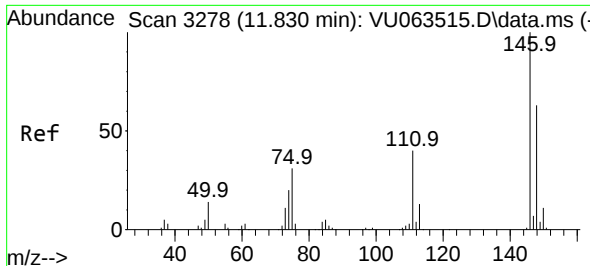


#82
1,3-Dichlorobenzene
Concen: 9.916 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



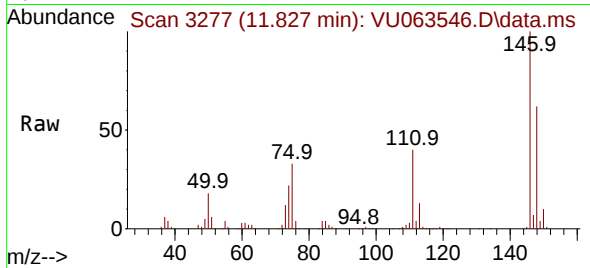
Tgt Ion:146 Resp: 148825
Ion Ratio Lower Upper
146 100
111 41.7 33.8 50.6
148 63.5 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 10.002 ug/l
RT: 11.827 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

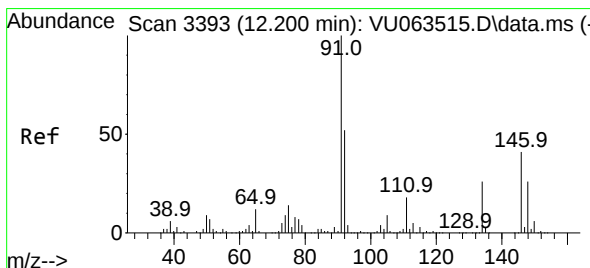
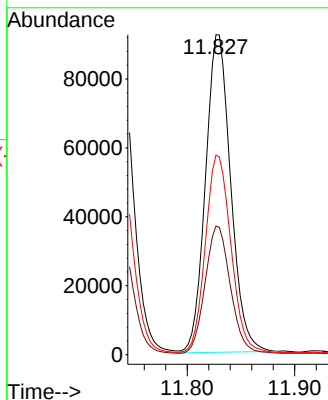
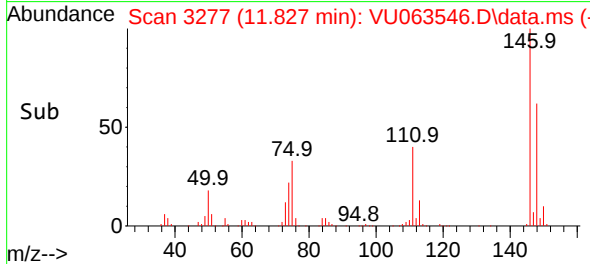
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



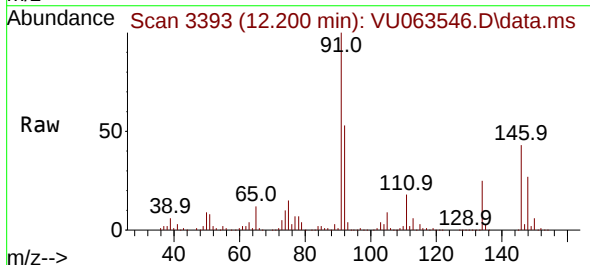
Tgt Ion:146 Resp: 150264
Ion Ratio Lower Upper
146 100
111 40.4 32.0 48.0
148 63.5 50.2 75.2

Manual Integrations
APPROVED

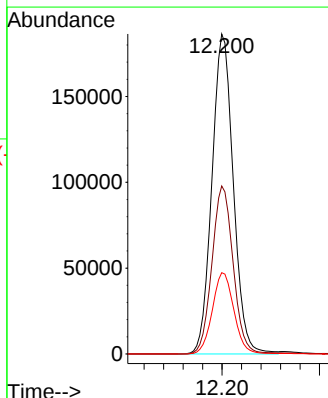
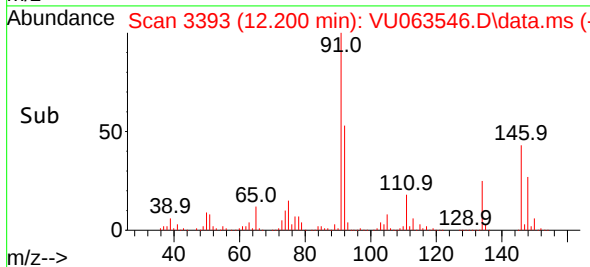
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

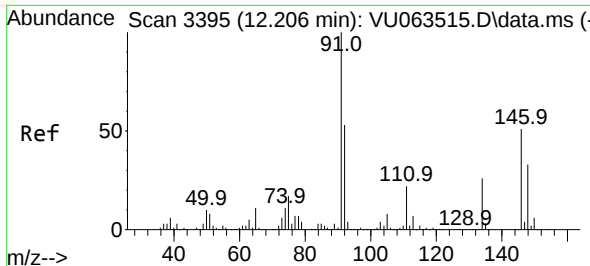


#84
n-Butylbenzene
Concen: 10.241 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



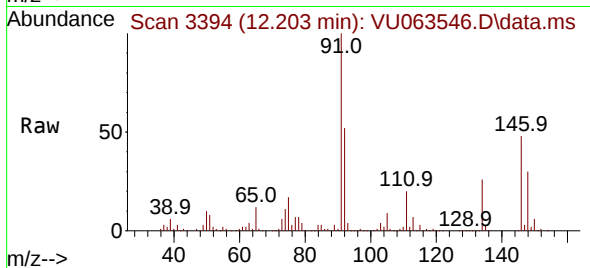
Tgt Ion: 91 Resp: 283731
Ion Ratio Lower Upper
91 100
92 52.4 41.5 62.3
134 25.6 20.6 30.8





#85
1,2-Dichlorobenzene
Concen: 10.043 ug/l
RT: 12.203 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

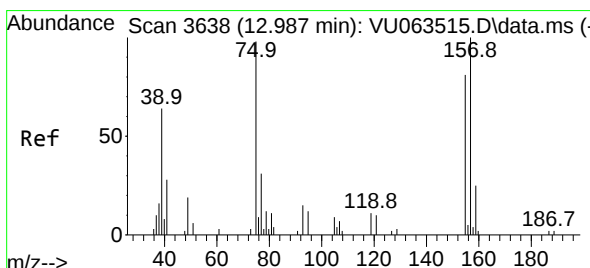
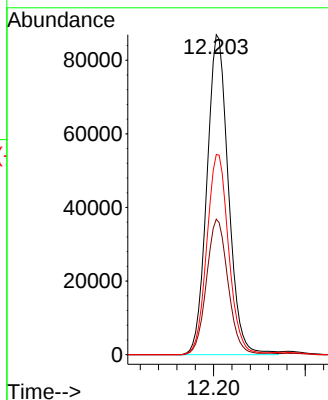
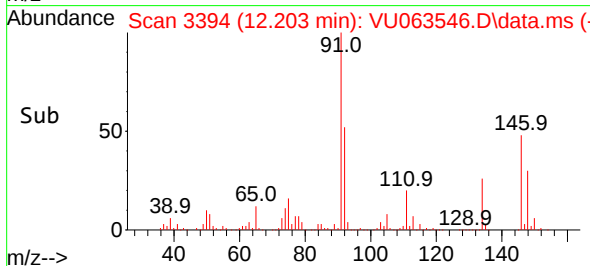
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



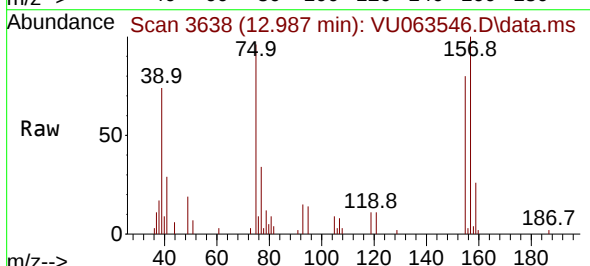
Tgt Ion:146 Resp: 14160
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 63.6 31.8 95.3

Manual Integrations
APPROVED

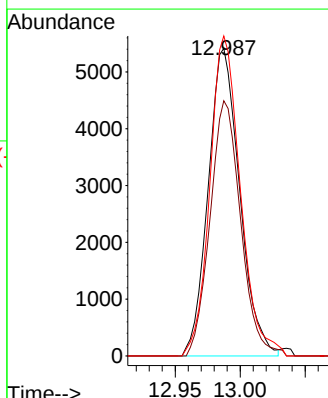
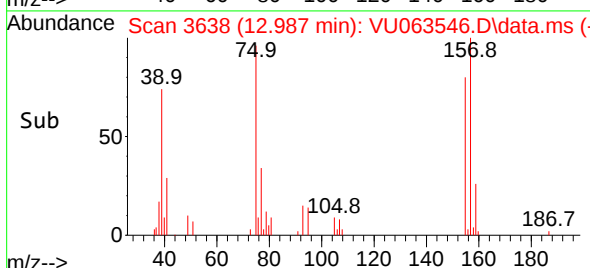
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

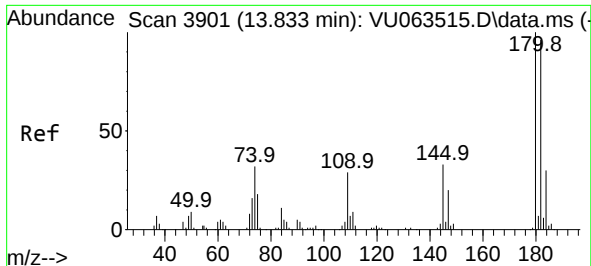


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.270 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



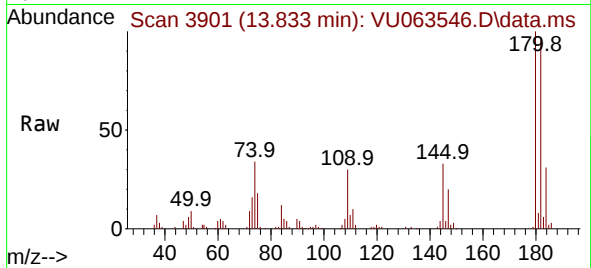
Tgt Ion: 75 Resp: 9126
Ion Ratio Lower Upper
75 100
155 80.4 65.8 98.6
157 100.5 81.4 122.2





#87
1,2,4-Trichlorobenzene
Concen: 9.452 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

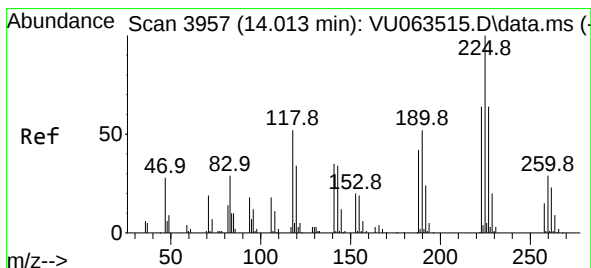
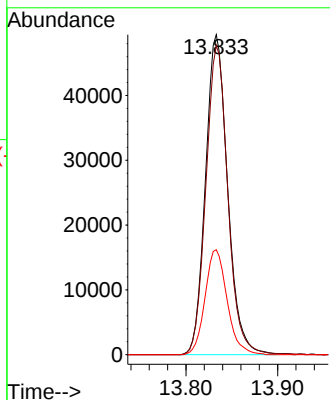
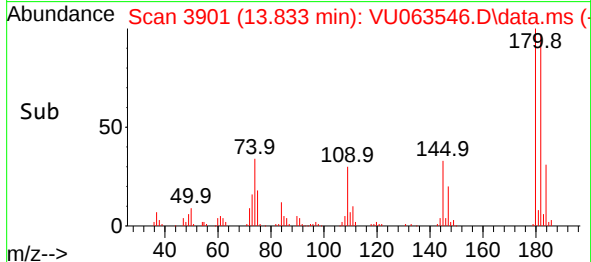
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



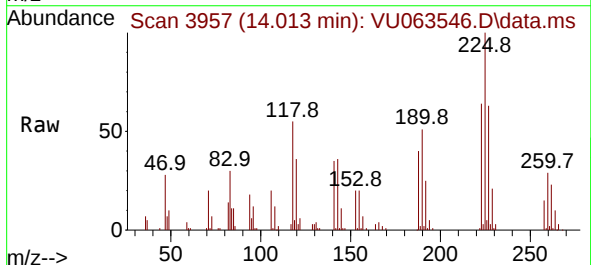
Tgt Ion:180 Resp: 82874
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 32.7 26.2 39.2

Manual Integrations
APPROVED

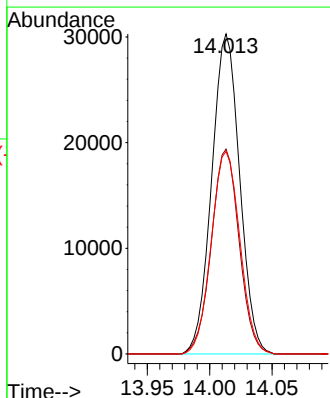
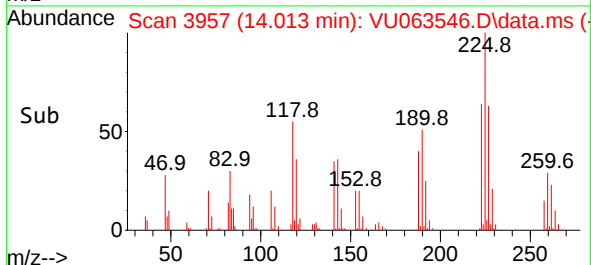
Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

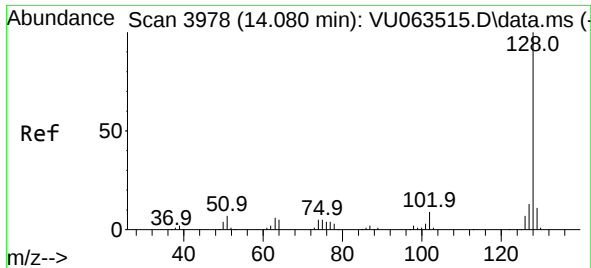


#88
Hexachlorobutadiene
Concen: 9.518 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



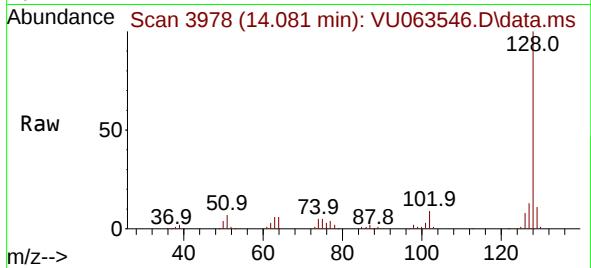
Tgt Ion:225 Resp: 47393
Ion Ratio Lower Upper
225 100
223 63.6 50.8 76.2
227 64.7 51.0 76.6





#89
Naphthalene
Concen: 8.780 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. 0.001 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13

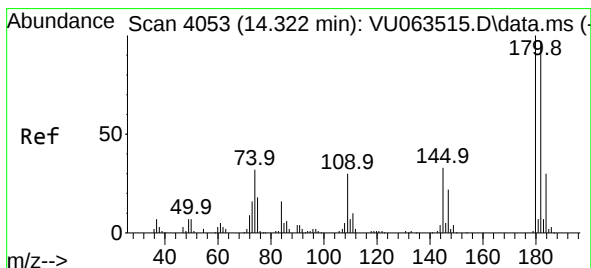
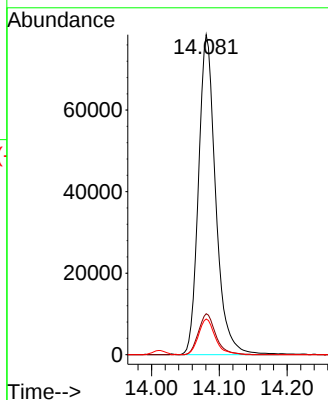
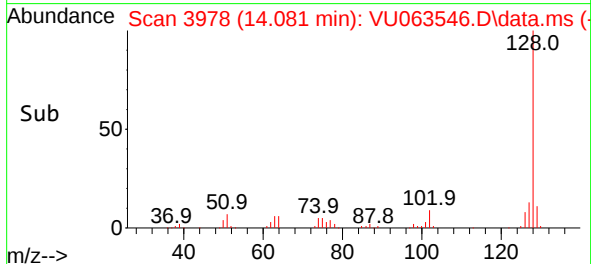
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



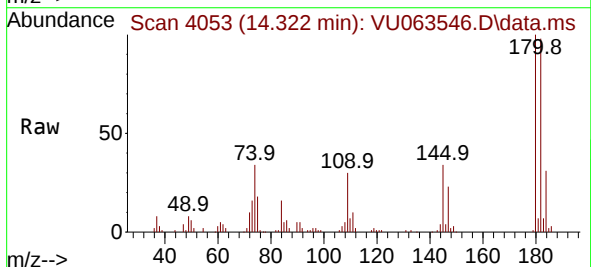
Tgt Ion:128 Resp: 137964
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#90
1,2,3-Trichlorobenzene
Concen: 9.210 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063546.D
Acq: 21 Jul 2025 09:13



Tgt Ion:180 Resp: 74630
Ion Ratio Lower Upper
180 100
182 96.1 78.0 117.0
145 34.3 27.3 40.9

