

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063458.D
 Acq On : 25 Jun 2025 14:31
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:27:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 05:06:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	51661	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	20600	1.086	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18929	0.994	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	198692	10.014	ug/l	100
3) Chloromethane	1.518	50	223999	8.569	ug/l	100
4) Vinyl Chloride	1.599	62	221900	9.914	ug/l	99
5) Bromomethane	1.843	94	122056	11.382	ug/l	98
6) Chloroethane	1.923	64	124124	9.363	ug/l	100
7) Trichlorofluoromethane	2.126	101	254258	9.962	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	133304	9.804	ug/l	98
9) 1,1-Dichloroethene	2.567	96	134520	9.916	ug/l	95
10) Iodomethane	2.708	142	129691	11.844	ug/l	99
11) Allyl Chloride	2.907	41	216315	8.952	ug/l	97
12) Acrylonitrile	3.306	53	70277m	17.932	ug/l	
13) Acetone	2.618	43	128012	35.146	ug/l	97
14) Carbon Disulfide	2.776	76	436240	9.222	ug/l	100
15) Methylene Chloride	3.026	84	206516	12.011	ug/l	96
16) trans-1,2-Dichloroethene	3.332	96	146511	9.599	ug/l	95
17) 1,1-Dichloroethane	3.846	63	302665	9.444	ug/l	99
18) 2-Butanone	4.714	43	213368	39.010	ug/l	100
19) Cyclohexane	5.361	56	240736	9.929	ug/l	100
20) Methylcyclohexane	6.746	83	233207	10.360	ug/l	96
21) 2,2-Dichloropropane	4.640	77	206058	9.046	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	159690	9.585	ug/l	95
23) Diethyl Ether	2.370	59	116432	9.513	ug/l	97
24) tert-Butyl Alcohol	3.197	59	117165	90.871	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	358946	9.729	ug/l	98
26) Bromochloromethane	4.956	128	63855	9.848	ug/l	91
27) Chloroform	5.071	83	299426	9.966	ug/l	97
28) 1,1,1-Trichloroethane	5.293	97	246140	10.104	ug/l	99
29) 1,1-Dichloropropene	5.502	75	228946	10.288	ug/l	98
30) Carbon Tetrachloride	5.499	117	197050	10.127	ug/l	100
31) Isopropyl Ether	3.991	45	452129	9.031	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	397798	9.375	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	319809	10.529	ug/l	99
34) Propionitrile	4.775	54	68685	43.412	ug/l	98
35) Benzene	5.756	78	693380	10.300	ug/l	99
36) 1,2-Dichloroethane	5.782	62	191808	9.747	ug/l	100
37) Trichloroethene	6.528	130	155342	9.765	ug/l	98
38) 1,2-Dichloropropane	6.782	63	191758	10.314	ug/l	100
39) Methacrylonitrile	4.972	41	55154	8.379	ug/l	96
40) Methyl acrylate	4.846	55	84364	9.128	ug/l	98
41) Tetrahydrofuran	5.062	42	57869	16.342	ug/l	96
42) 1-Chlorobutane	5.438	56	319883	10.132	ug/l	92
43) Dibromomethane	6.907	93	87018	10.019	ug/l	98
44) Bromodichloromethane	7.097	83	211696	10.006	ug/l	99

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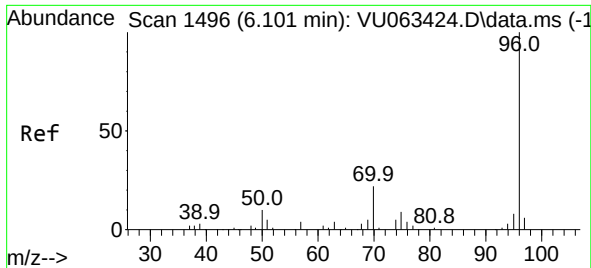
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	485277	52.050	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	51460m	16.792	ug/l	
47) Methyl methacrylate	6.965	69	157911	19.132	ug/l	99
48) Ethyl methacrylate	8.332	69	140899	9.639	ug/l	96
49) Toluene	7.959	92	411761	11.141	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	171272	11.226	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	219951	10.733	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	127837	10.068	ug/l	99
53) 1,3-Dichloropropane	8.566	76	227060	10.394	ug/l	100
54) 2-Hexanone	8.685	43	317845	44.386	ug/l	100
55) Dibromochloromethane	8.801	129	134402	10.260	ug/l	99
56) 1,2-Dibromoethane	8.914	107	102444	9.953	ug/l	98
58) Tetrachloroethene	8.544	164	153149	9.813	ug/l	98
59) Chlorobenzene	9.441	112	412639	10.429	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	143731	10.092	ug/l	99
61) Pentachloroethane	11.418	117	113693	9.799	ug/l	100
62) Hexachloroethane	12.466	117	106225	10.180	ug/l	98
63) Ethyl Benzene	9.563	91	721956	11.382	ug/l	99
64) m/p-Xylenes	9.685	106	582738	19.456	ug/l	94
65) o-Xylene	10.090	106	267051	11.082	ug/l	96
66) Styrene	10.106	104	467600	9.719	ug/l	99
67) Bromoform	10.280	173	71984	10.057	ug/l	98
69) Isopropylbenzene	10.476	105	631670	11.315	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	165533	10.192	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	132883m	10.018	ug/l	
72) Bromobenzene	10.775	156	161870	10.329	ug/l	88
73) n-propylbenzene	10.897	120	194049	9.601	ug/l	99
74) 2-Chlorotoluene	10.978	126	174222	11.247	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	650211	9.792	ug/l	100
76) 4-Chlorotoluene	11.090	126	176500	10.877	ug/l	89
77) tert-Butylbenzene	11.412	119	571638	11.144	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	652857	9.681	ug/l	99
79) sec-Butylbenzene	11.634	105	826038	11.370	ug/l	100
80) Nitrobenzene	13.203	77	30441	40.118	ug/l	94
81) p-Isopropyltoluene	11.785	119	676183	9.693	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	336151	10.355	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	349780	10.385	ug/l	99
84) n-Butylbenzene	12.200	91	662507	11.140	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	321792	10.358	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	23749	10.637	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	171212	9.884	ug/l	99
88) Hexachlorobutadiene	14.013	225	119109	9.698	ug/l	100
89) Naphthalene	14.081	128	291990	8.298	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	176824	10.266	ug/l	99

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



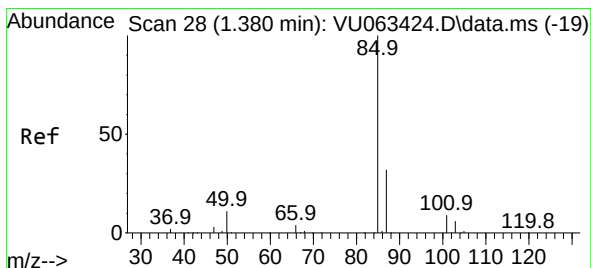
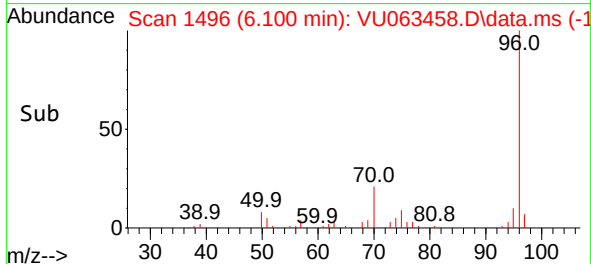
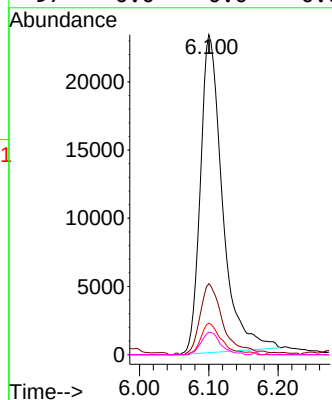
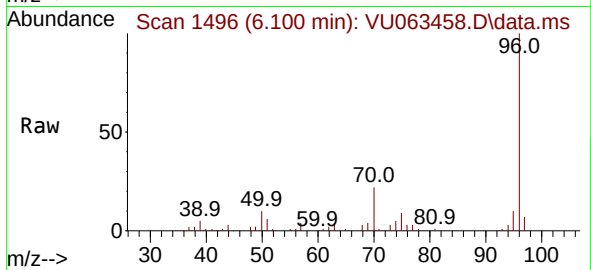
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96	Resp: 5166
Ion Ratio	Lower Upper
96 100	
70 21.4	16.4 24.6
95 8.2	6.2 9.2
97 0.0	0.0 0.0

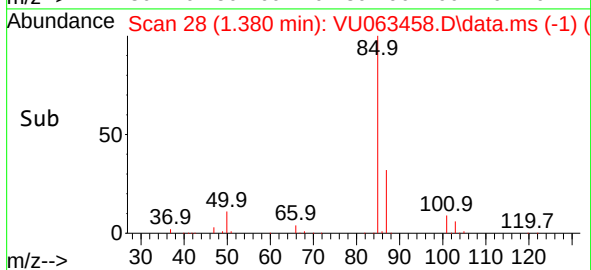
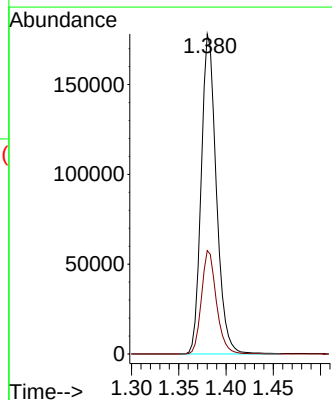
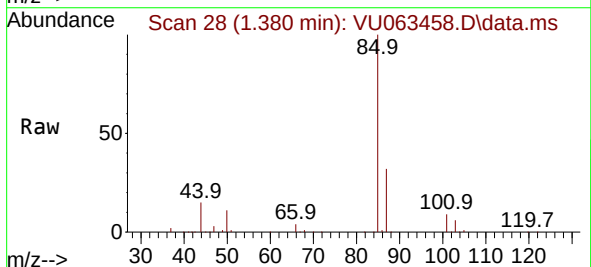
Manual Integrations
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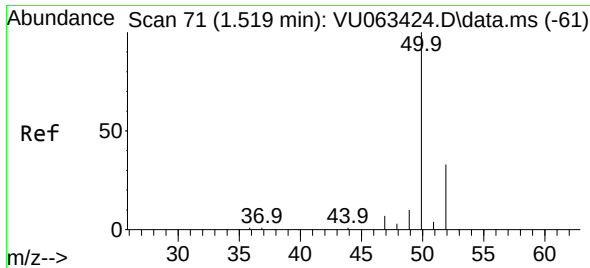
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 10.014 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

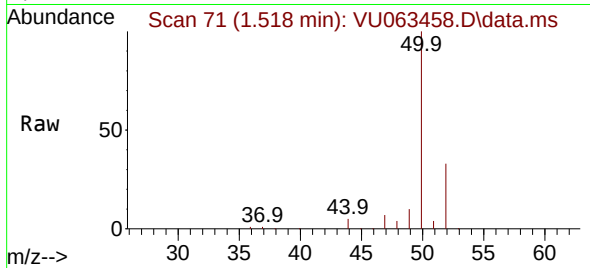
Tgt Ion: 85	Resp: 198692
Ion Ratio	Lower Upper
85 100	
87 32.3	16.2 48.5





#3
Chloromethane
Concen: 8.569 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

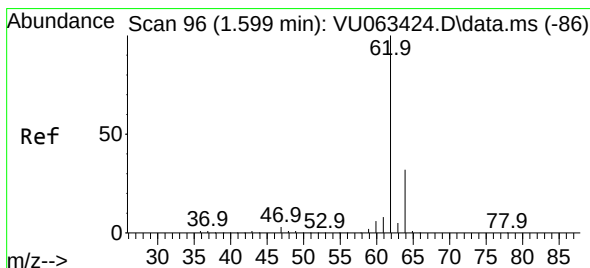
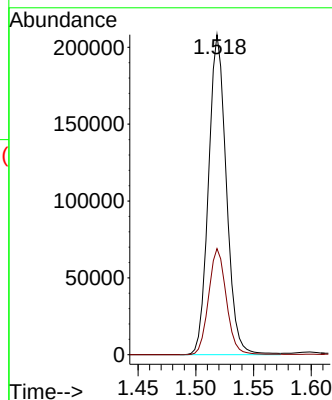
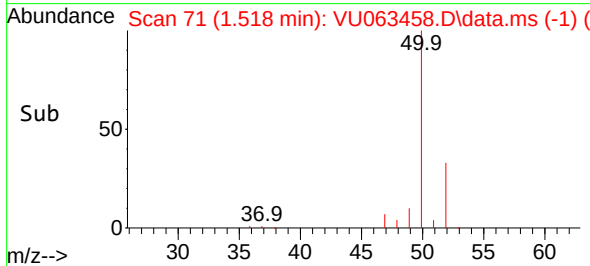
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 223999
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

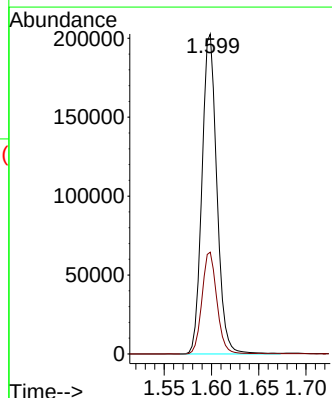
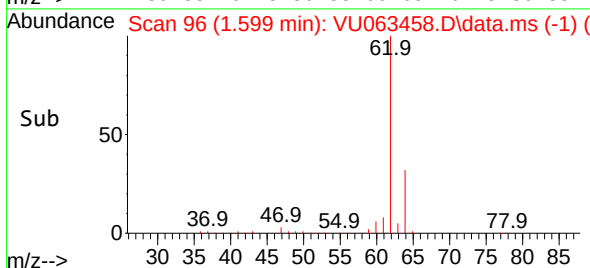
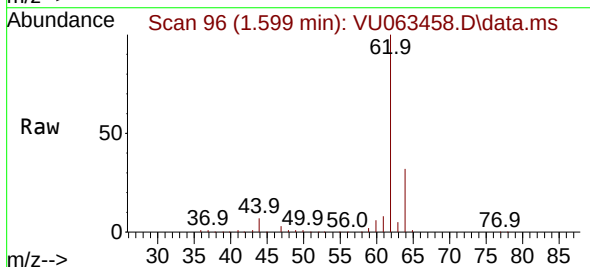
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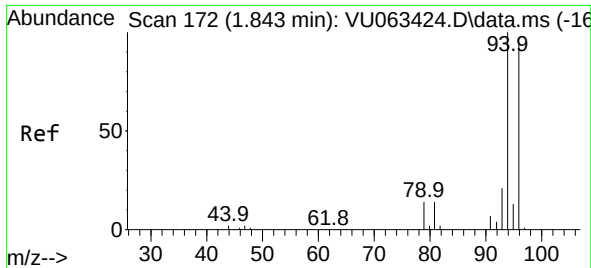
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#4
Vinyl Chloride
Concen: 9.914 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

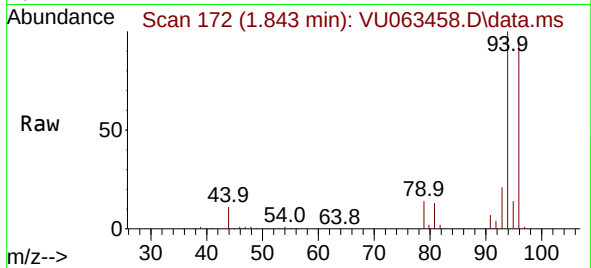
Tgt Ion: 62 Resp: 221900
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 11.382 ug/l
RT: 1.843 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

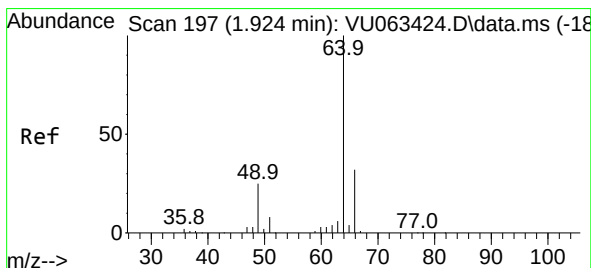
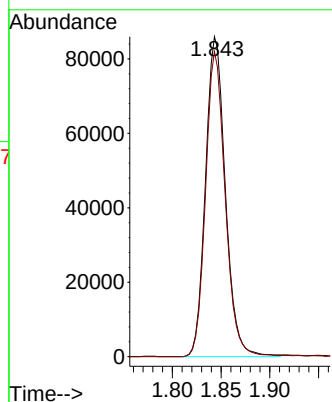
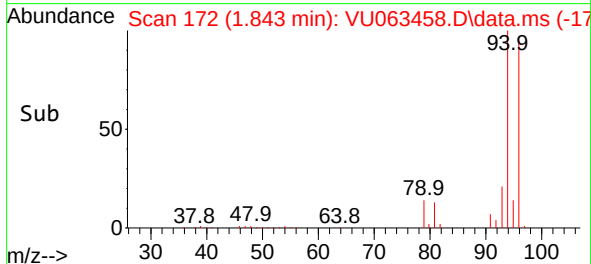
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 122050
Ion Ratio Lower Upper
94 100
96 95.4 74.8 112.2

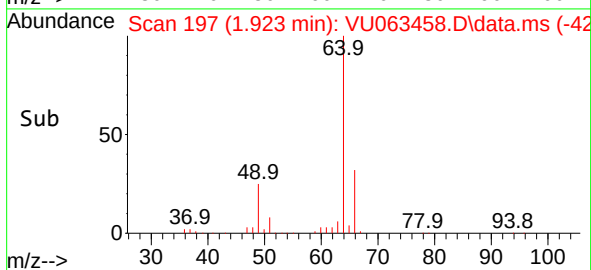
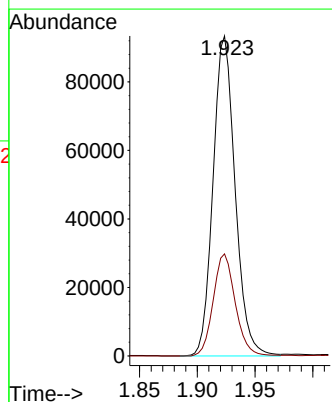
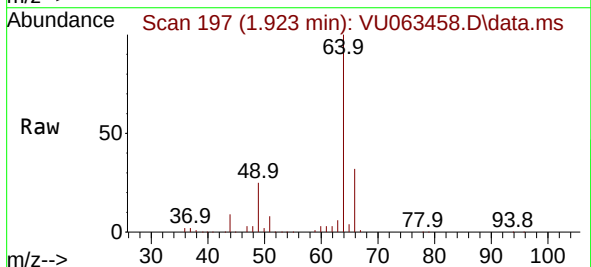
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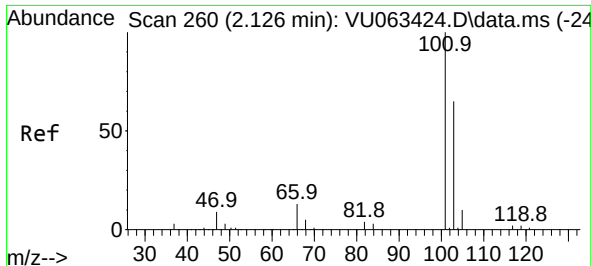
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#6
Chloroethane
Concen: 9.363 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

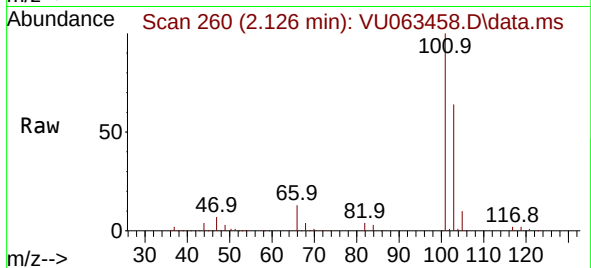
Tgt Ion: 64 Resp: 124124
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 9.962 ug/l
 RT: 2.126 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31

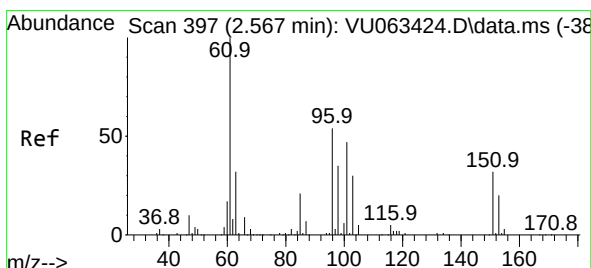
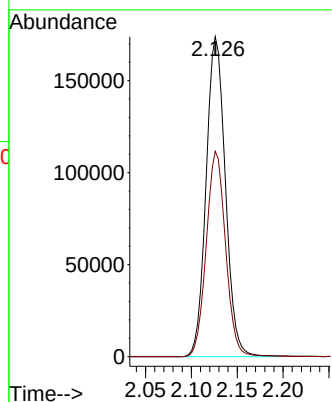
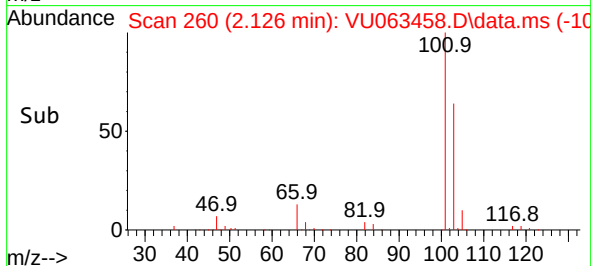
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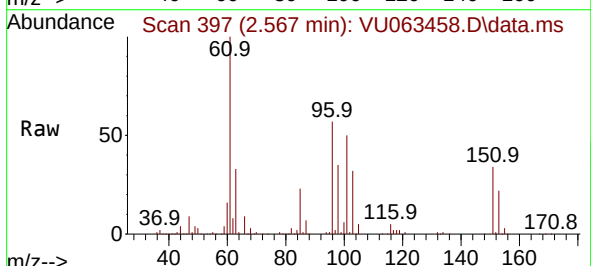
Tgt Ion:101 Resp: 254258
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

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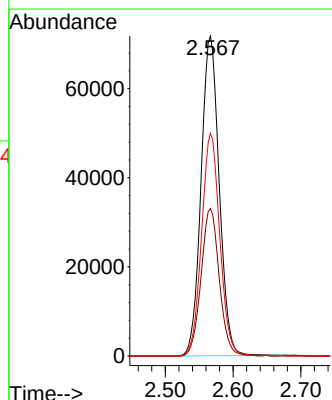
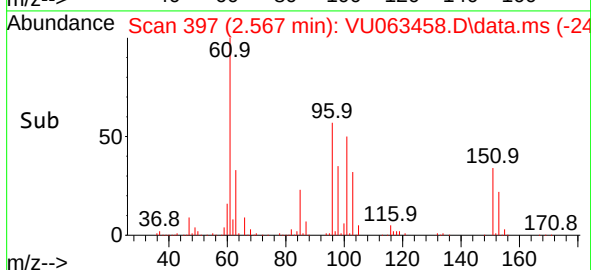
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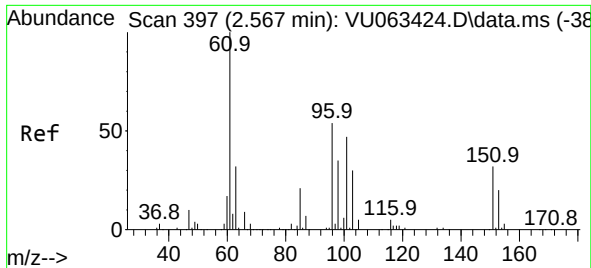


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.804 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31



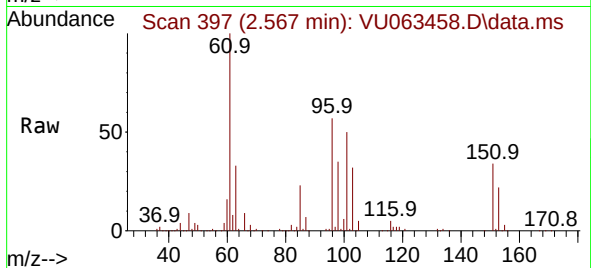
Tgt Ion:101 Resp: 133304
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.7 55.1
 151 69.6 53.9 80.9





#9
1,1-Dichloroethene
Concen: 9.916 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

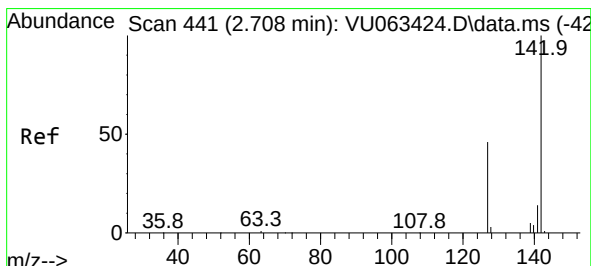
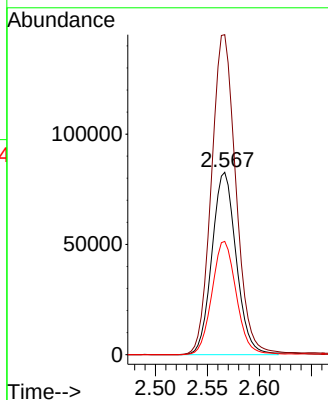
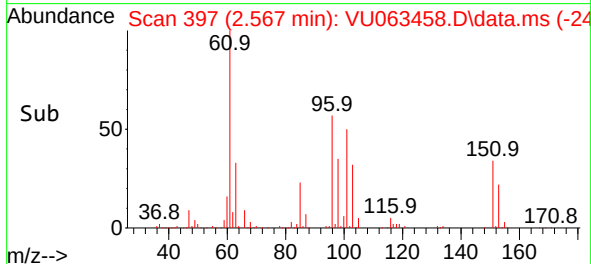
Instrument :
MSVOA_U
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VSTDCCC010EC



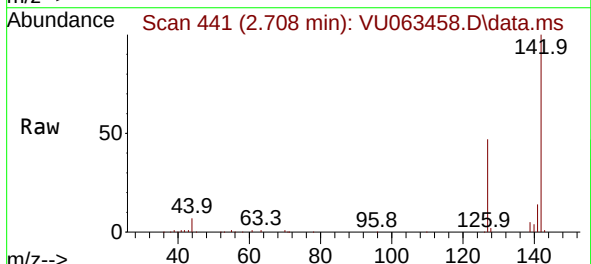
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Ion Ratio Lower Upper
96 100
61 175.5 0.0 552.0
98 62.2 0.0 128.4

Manual Integrations
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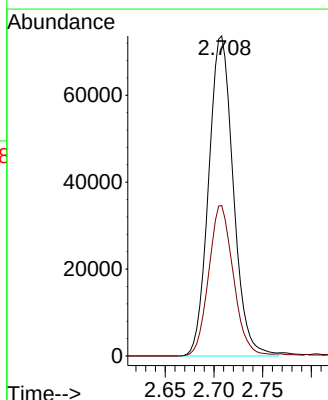
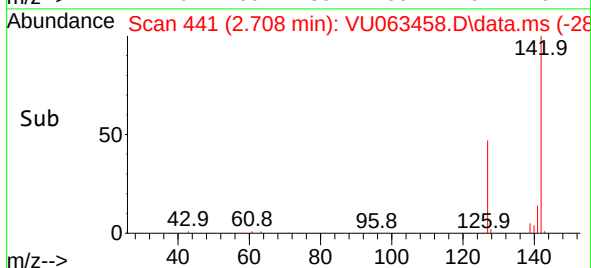
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

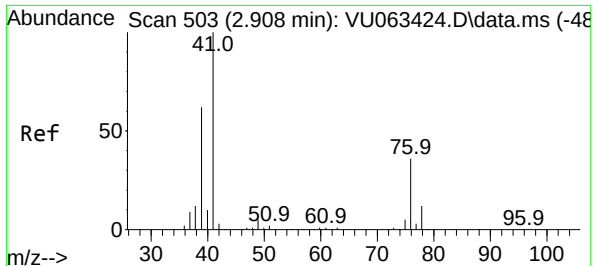


#10
Iodomethane
Concen: 11.844 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



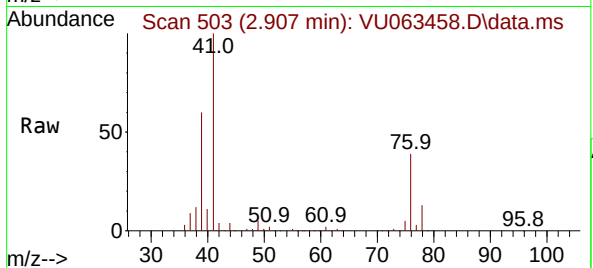
Tgt Ion:142 Resp: 129691
Ion Ratio Lower Upper
142 100
127 47.1 36.9 55.3





#11
 Allyl Chloride
 Concen: 8.952 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31

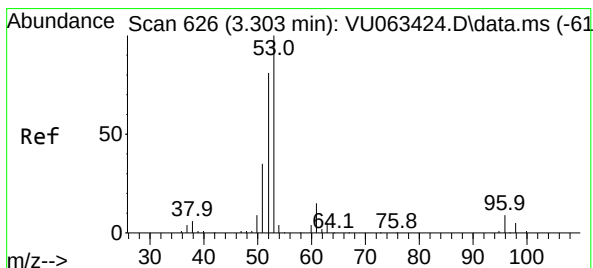
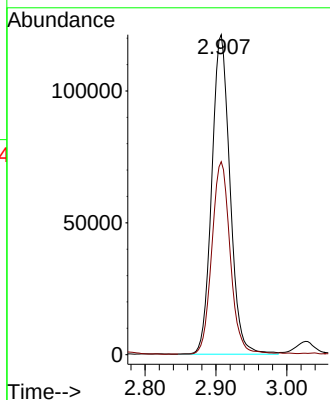
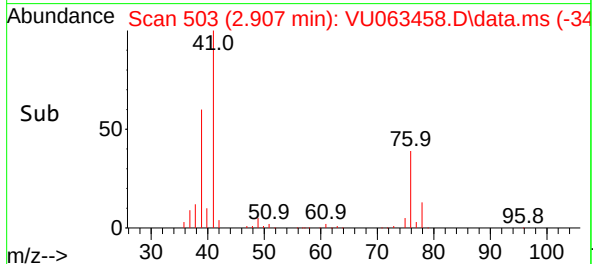
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



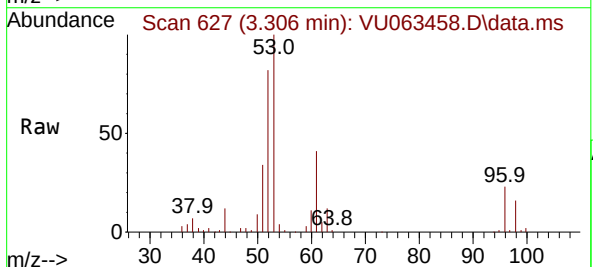
Tgt Ion: 41 Resp: 21631
 Ion Ratio Lower Upper
 41 100
 39 60.7 50.3 75.5

Manual Integrations
 APPROVED

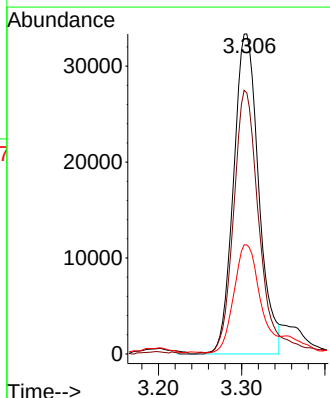
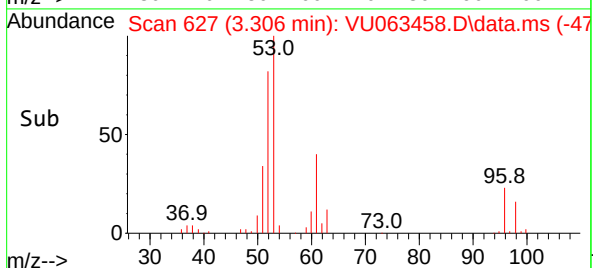
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

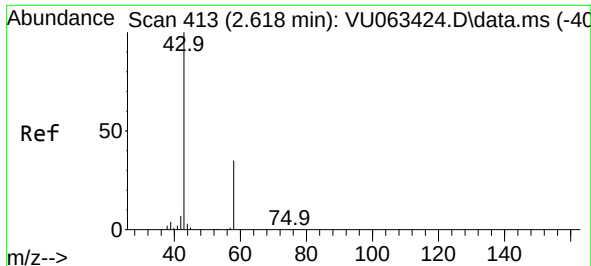


#12
 Acrylonitrile
 Concen: 17.932 ug/l m
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31



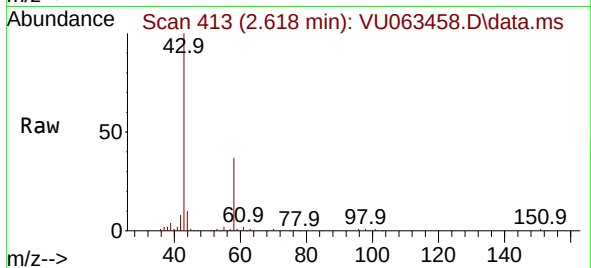
Tgt Ion: 53 Resp: 70277
 Ion Ratio Lower Upper
 53 100
 52 84.5 62.8 94.2
 51 35.6 26.2 39.4





#13
Acetone
Concen: 35.146 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

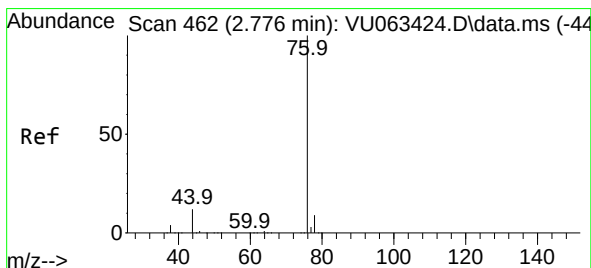
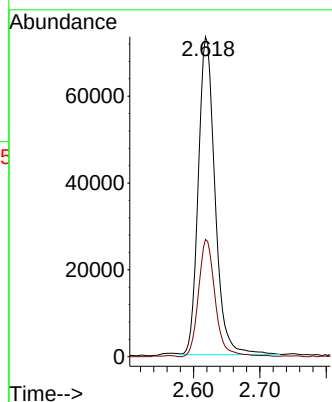
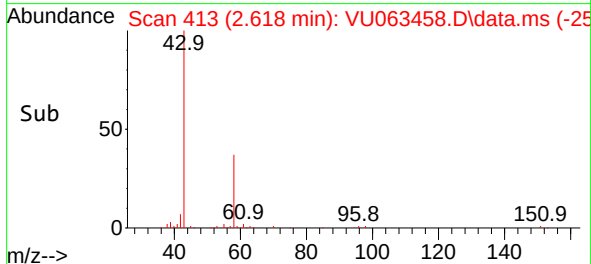
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



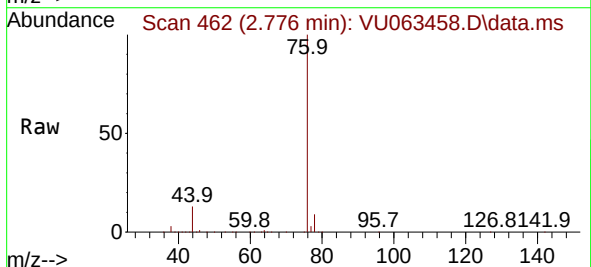
Tgt Ion: 43 Resp: 128012
Ion Ratio Lower Upper
43 100
58 36.9 28.3 42.5

Manual Integrations
APPROVED

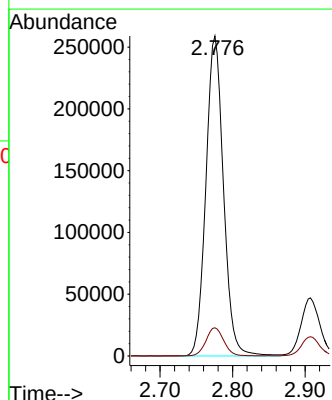
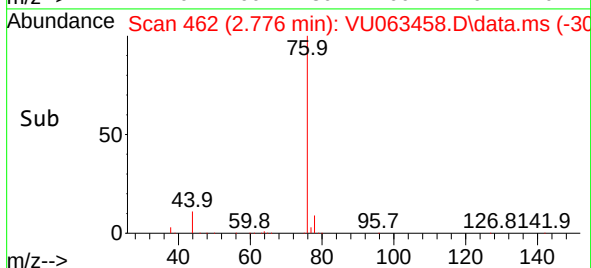
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

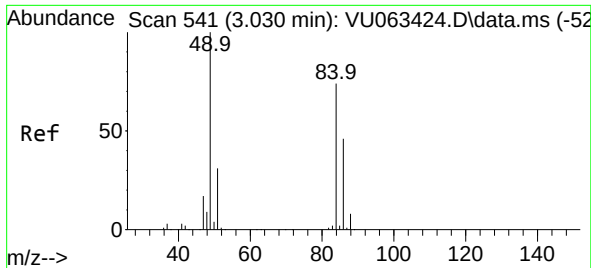


#14
Carbon Disulfide
Concen: 9.222 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



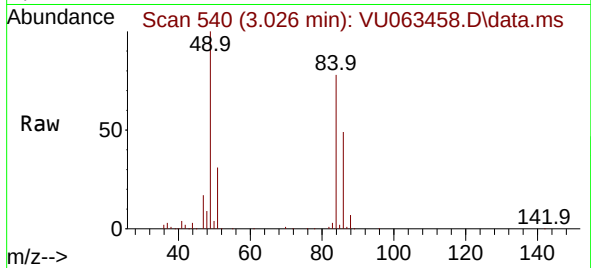
Tgt Ion: 76 Resp: 436240
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3





#15
Methylene Chloride
Concen: 12.011 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

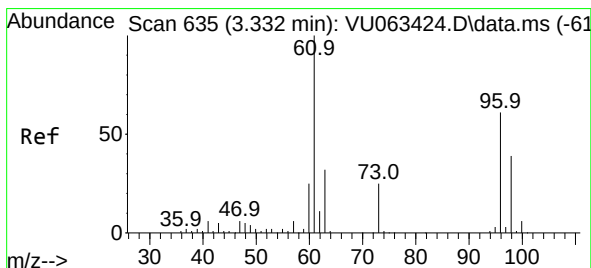
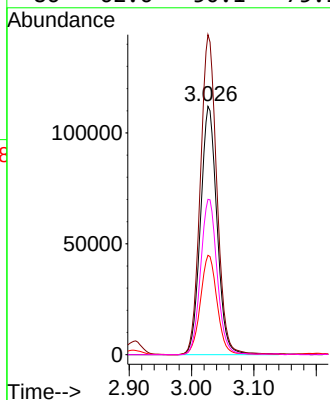
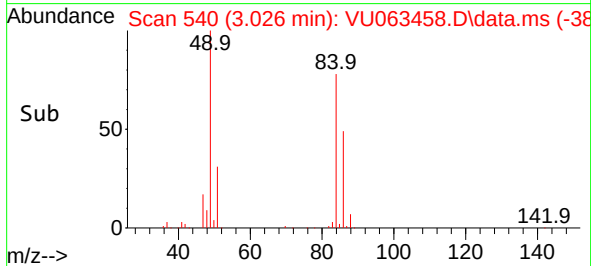
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



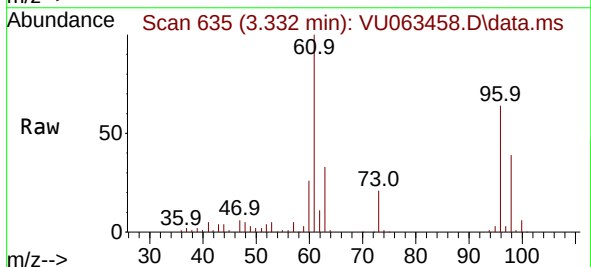
Tgt Ion: 84 Resp: 206510
Ion Ratio Lower Upper
84 100
49 128.8 108.7 163.1
51 40.0 0.0 83.8
86 62.6 50.1 75.1

Manual Integrations
APPROVED

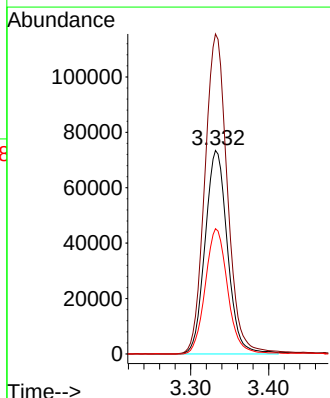
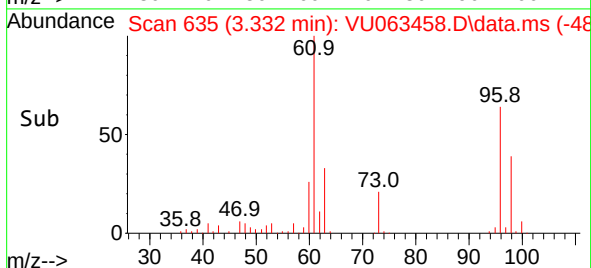
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

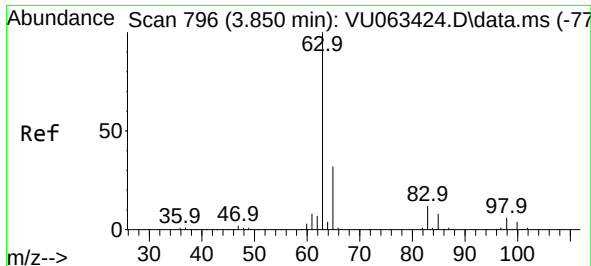


#16
trans-1,2-Dichloroethene
Concen: 9.599 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



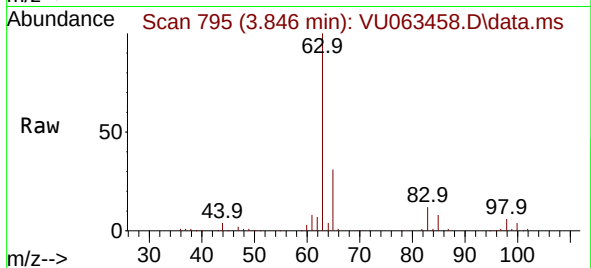
Tgt Ion: 96 Resp: 146511
Ion Ratio Lower Upper
96 100
61 157.0 132.1 198.1
98 61.6 51.0 76.4





#17
1,1-Dichloroethane
Concen: 9.444 ug/l
RT: 3.846 min Scan# 796
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

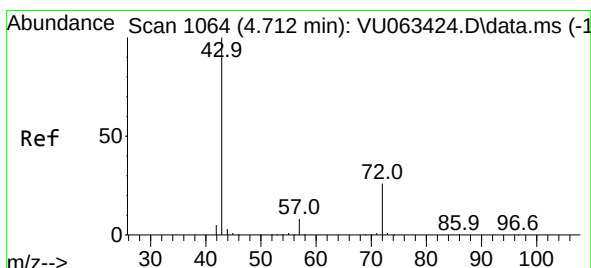
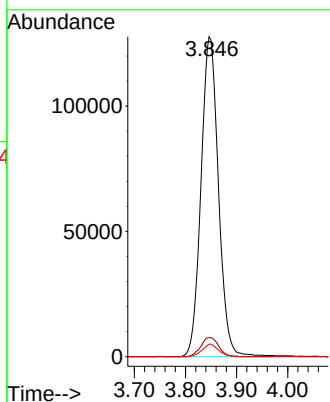
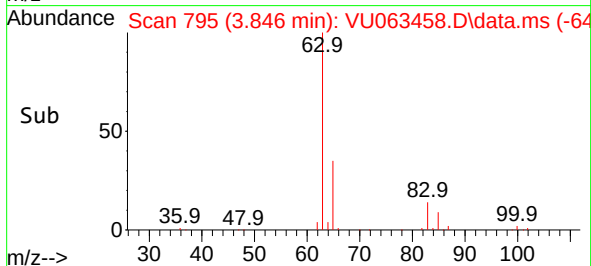
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



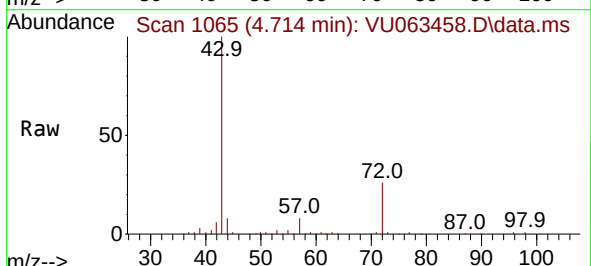
Tgt Ion: 63 Resp: 30266
Ion Ratio Lower Upper
63 100
98 5.9 2.8 8.4
100 3.9 1.9 5.7

Manual Integrations
APPROVED

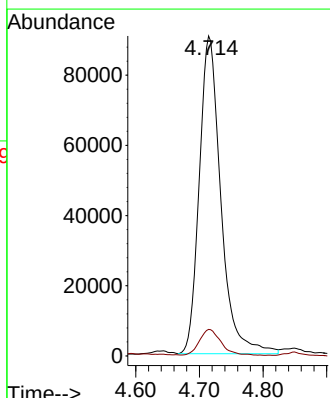
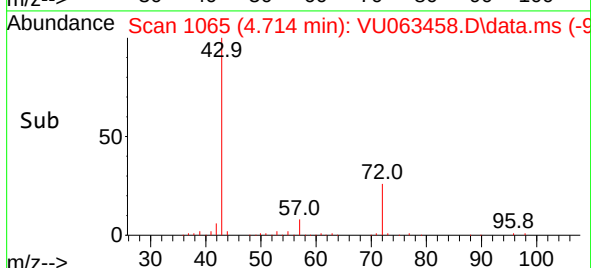
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

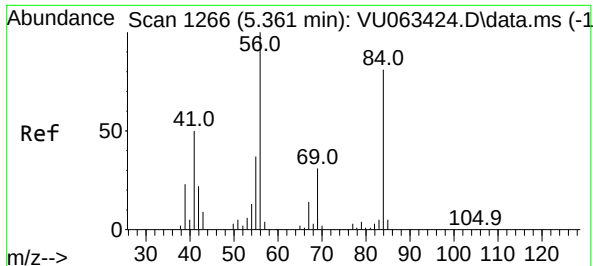


#18
2-Butanone
Concen: 39.010 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



Tgt Ion: 43 Resp: 213368
Ion Ratio Lower Upper
43 100
57 8.0 0.0 16.0





#19

Cyclohexane

Concen: 9.929 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

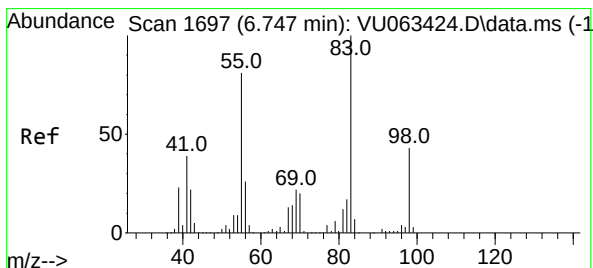
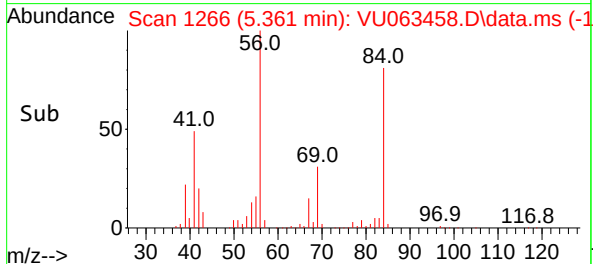
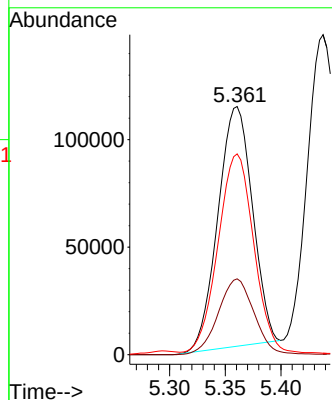
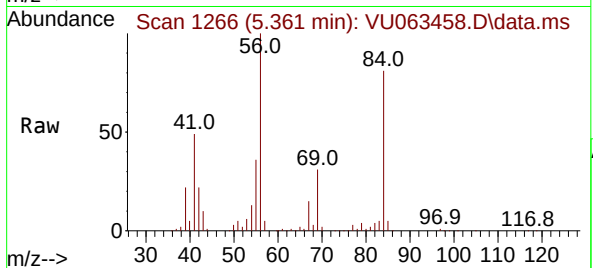
Tgt Ion: 56 Resp: 240730

Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.4	39.6
84	85.4	68.6	102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#20

Methylcyclohexane

Concen: 10.360 ug/l

RT: 6.746 min Scan# 1697

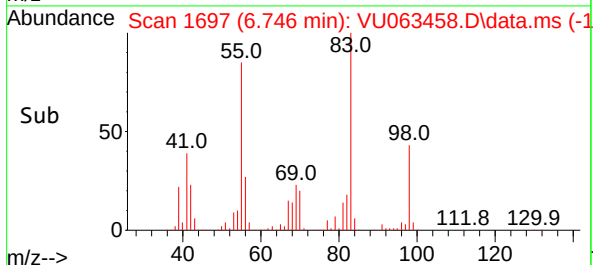
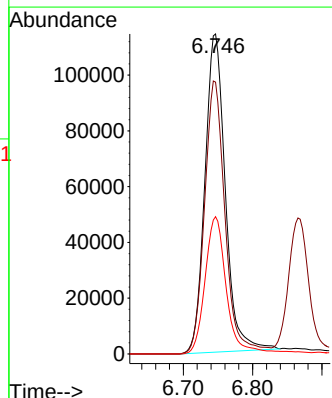
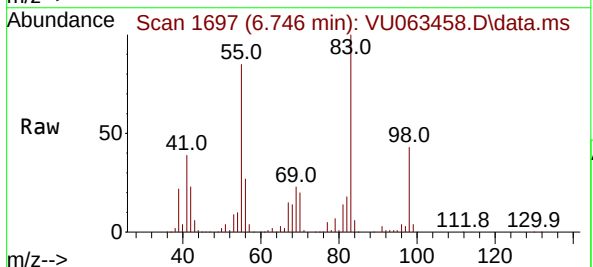
Delta R.T. -0.000 min

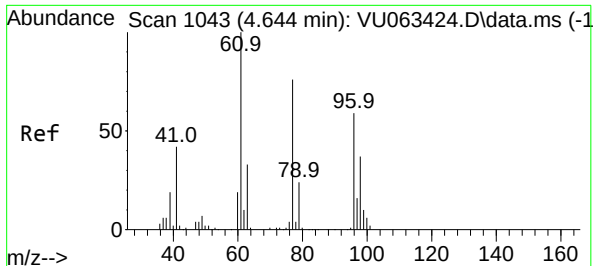
Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Tgt Ion: 83 Resp: 233207

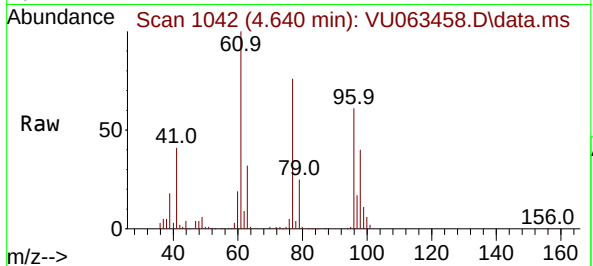
Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.5	95.3
98	44.7	34.2	51.4





#21
2,2-Dichloropropane
Concen: 9.046 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

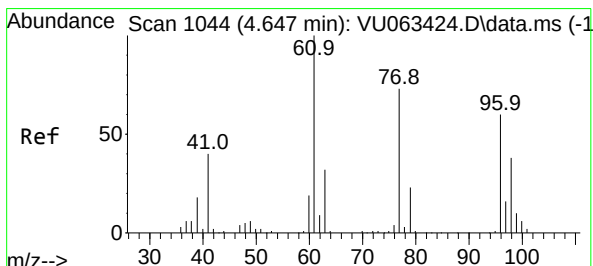
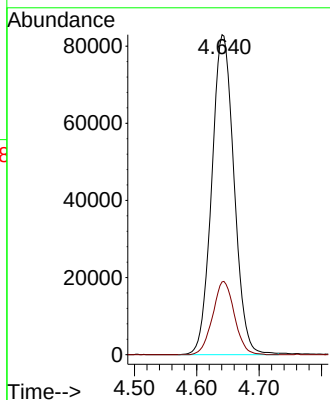
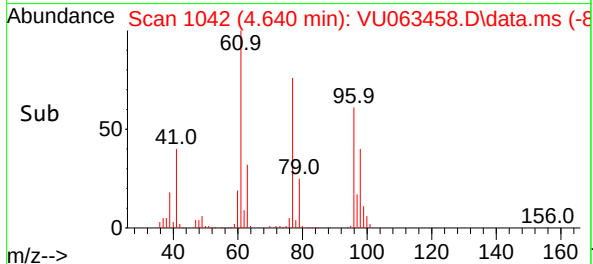
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



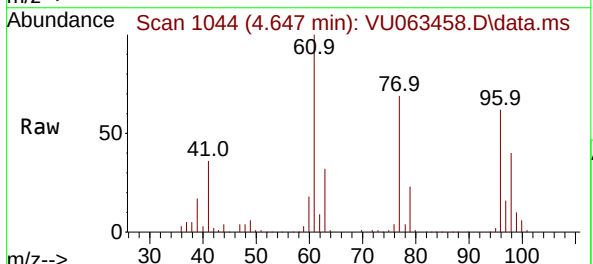
Tgt Ion: 77 Resp: 206058
Ion Ratio Lower Upper
77 100
97 22.3 17.2 25.8

Manual Integrations
APPROVED

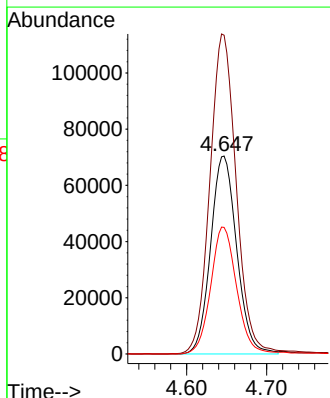
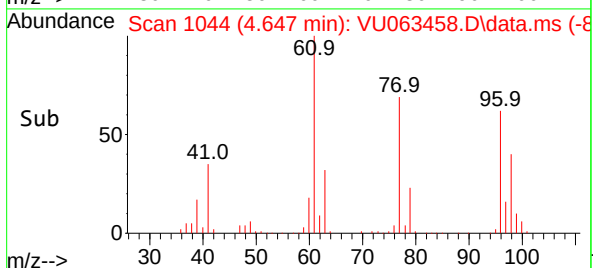
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

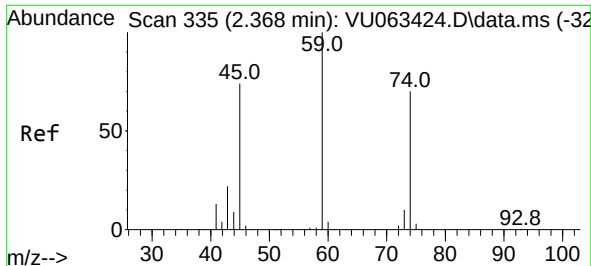


#22
cis-1,2-Dichloroethene
Concen: 9.585 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



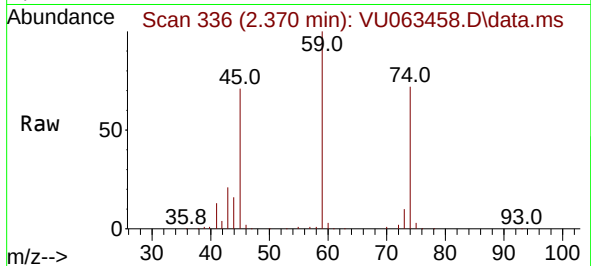
Tgt Ion: 96 Resp: 159690
Ion Ratio Lower Upper
96 100
61 164.1 0.0 434.3
98 63.5 31.9 95.7





#23
Diethyl Ether
Concen: 9.513 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

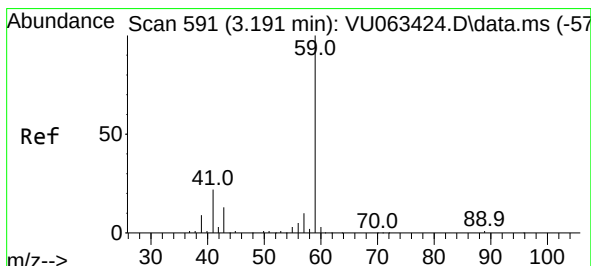
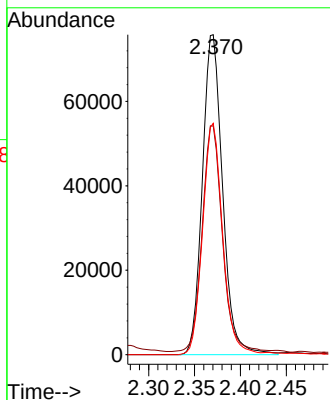
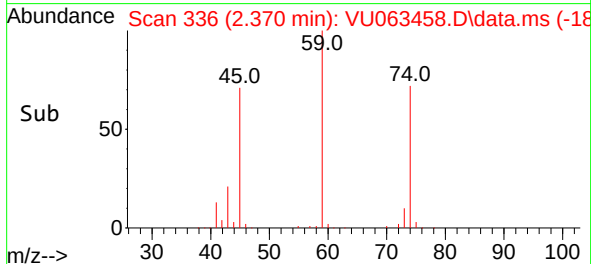
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 11643
Ion Ratio Lower Upper
59 100
45 72.0 60.7 91.1
74 71.5 55.8 83.6

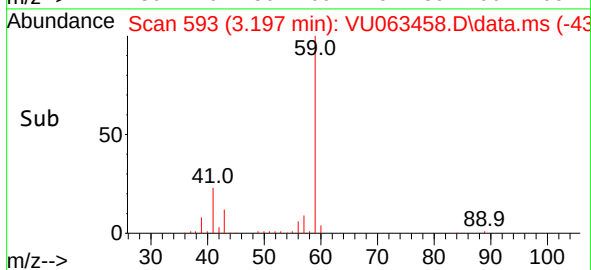
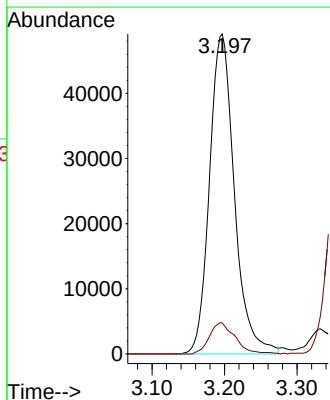
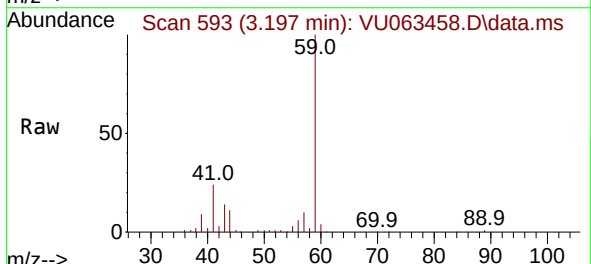
Manual Integrations
APPROVED

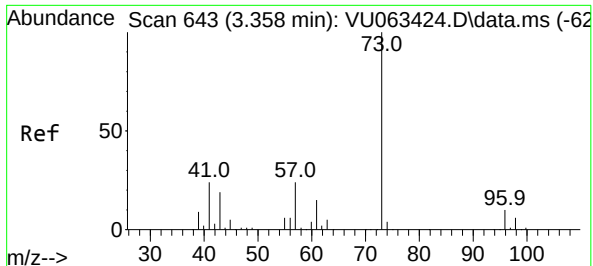
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 90.871 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

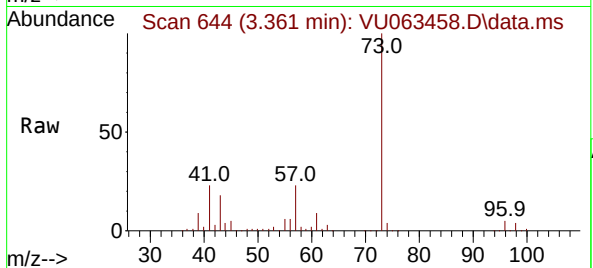
Tgt Ion: 59 Resp: 117165
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 9.729 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

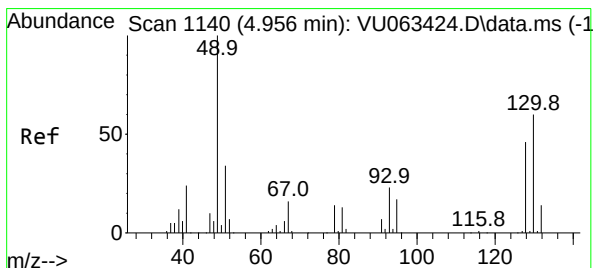
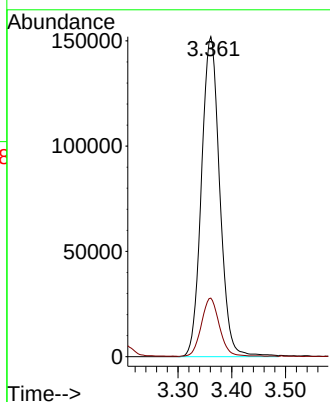
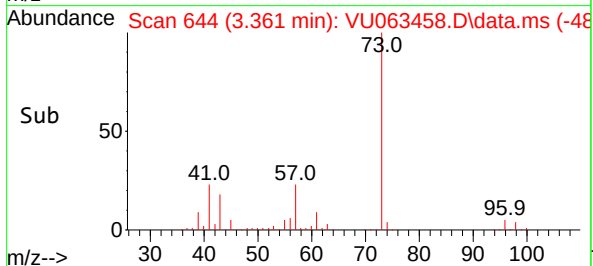
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 358940
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7

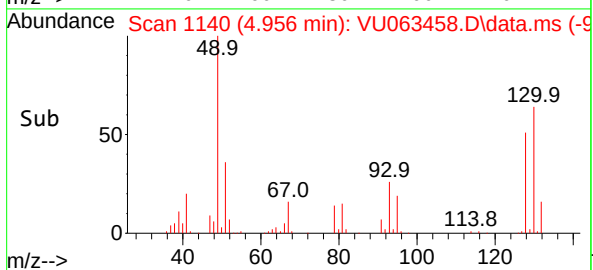
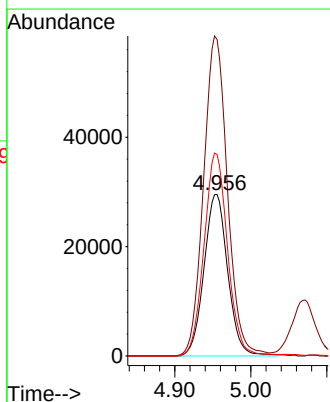
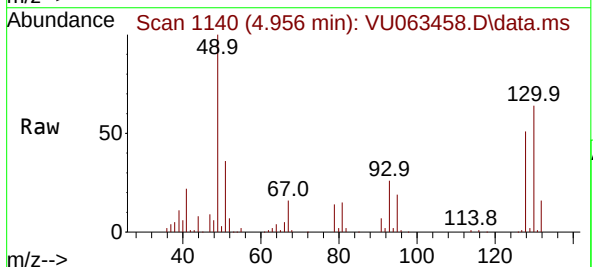
Manual Integrations
APPROVED

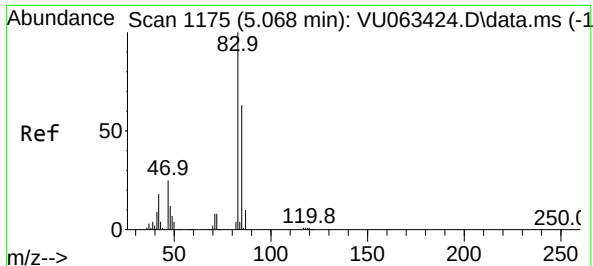
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 9.848 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:128 Resp: 63855
Ion Ratio Lower Upper
128 100
49 199.6 0.0 441.2
130 125.1 102.3 153.5





#27

Chloroform

Concen: 9.966 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 299420

Ion Ratio Lower Upper

83 100

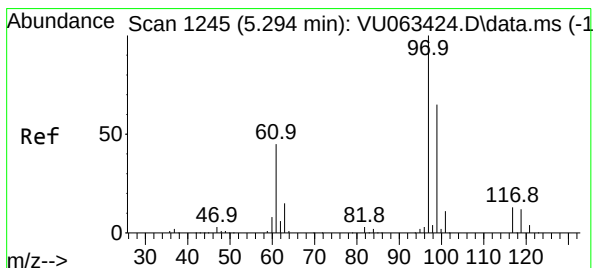
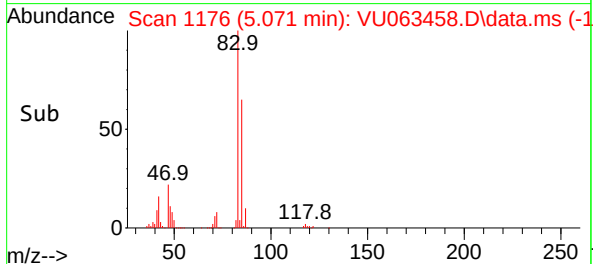
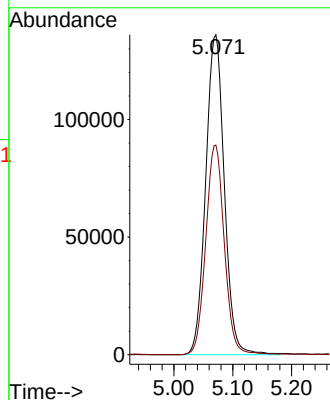
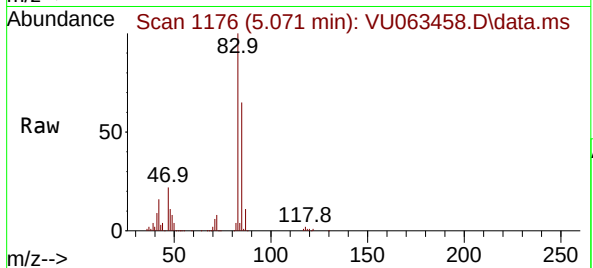
85 65.5 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#28

1,1,1-Trichloroethane

Concen: 10.104 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

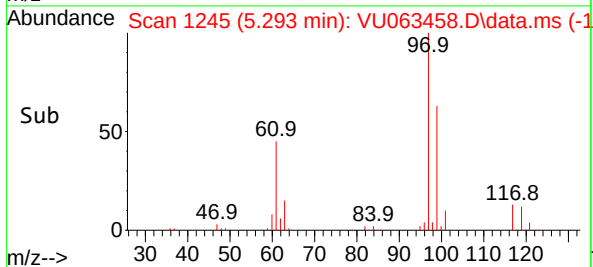
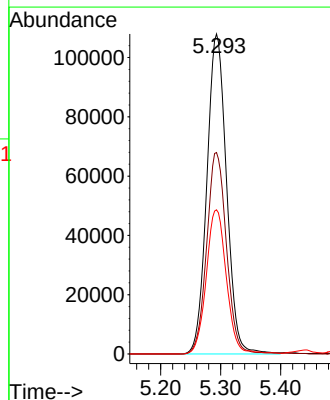
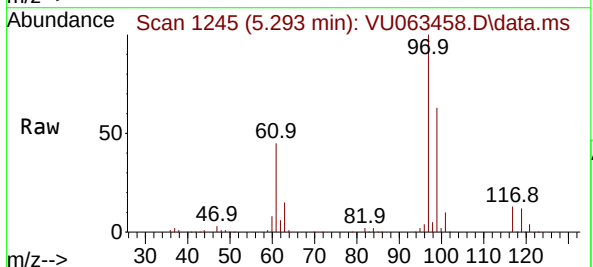
Tgt Ion: 97 Resp: 246140

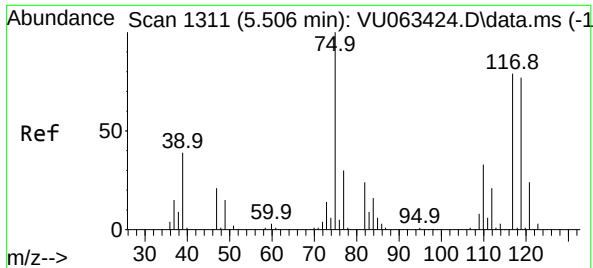
Ion Ratio Lower Upper

97 100

99 63.1 31.9 95.5

61 46.0 22.9 68.7





#29
1,1-Dichloropropene
Concen: 10.288 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

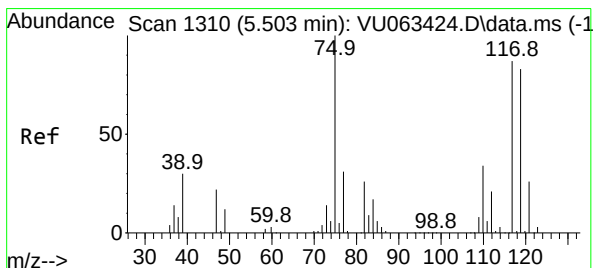
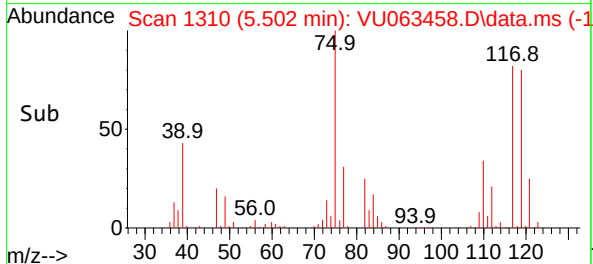
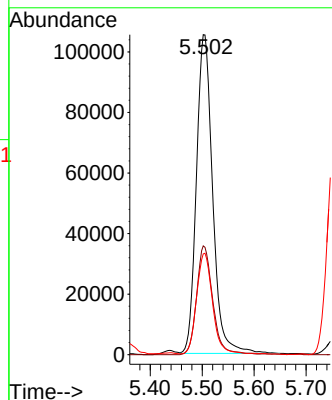
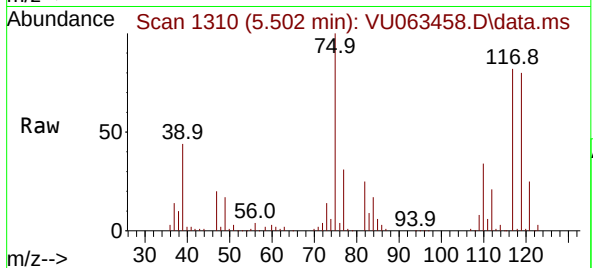
VSTDCCC010EC

Tgt Ion: 75 Resp: 228940
Ion Ratio Lower Upper
75 100
110 33.9 17.4 52.2
77 30.6 25.4 38.0

Manual Integrations

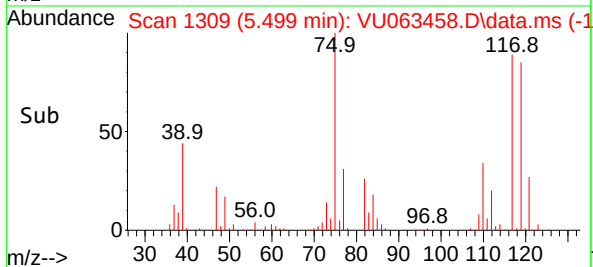
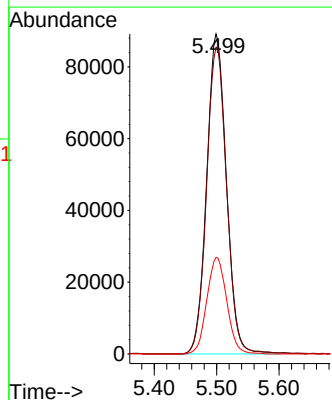
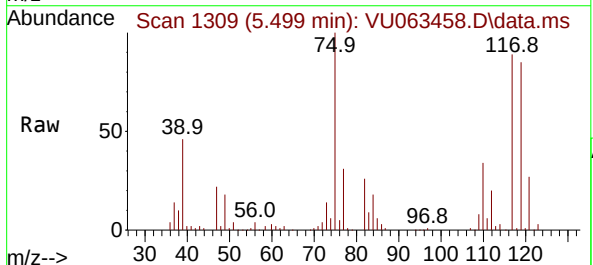
APPROVED

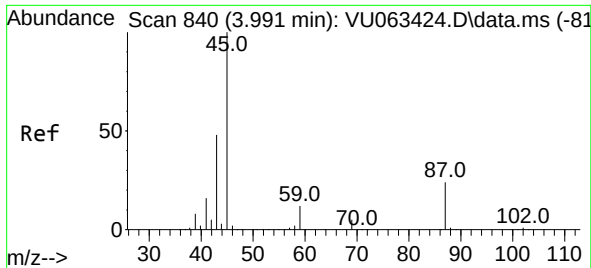
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30
Carbon Tetrachloride
Concen: 10.127 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

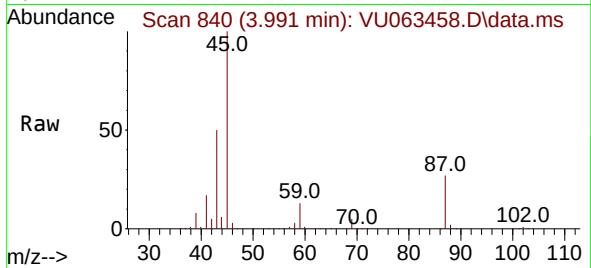
Tgt Ion:117 Resp: 197050
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 30.2 24.3 36.5





#31
Isopropyl Ether
Concen: 9.031 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

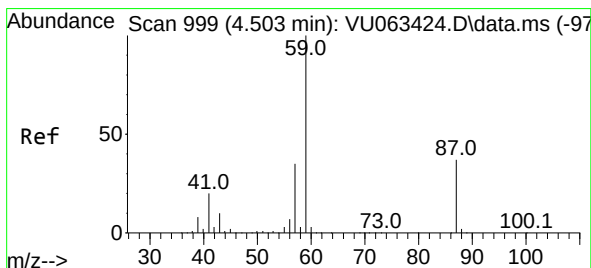
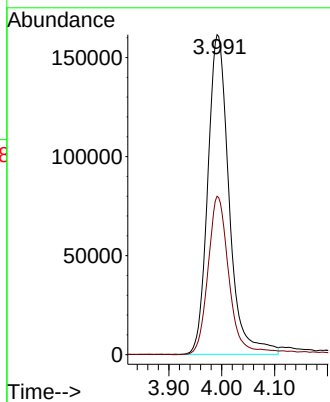
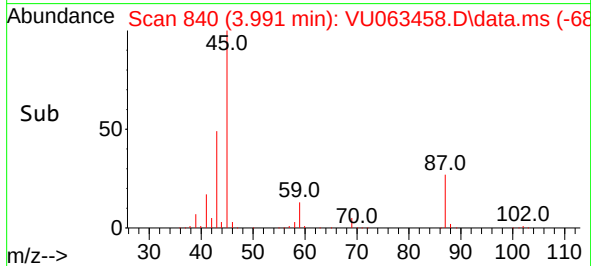
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



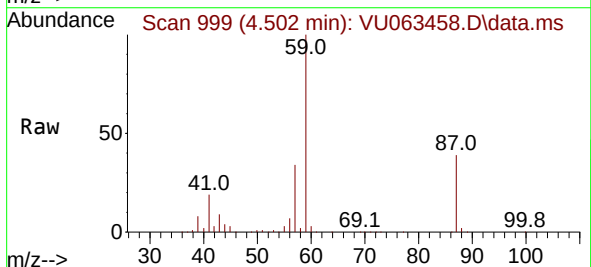
Tgt Ion: 45 Resp: 452129
Ion Ratio Lower Upper
45 100
43 49.2 23.8 71.5

Manual Integrations
APPROVED

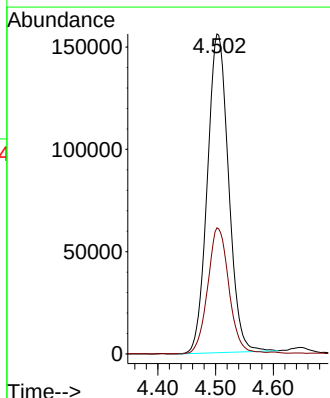
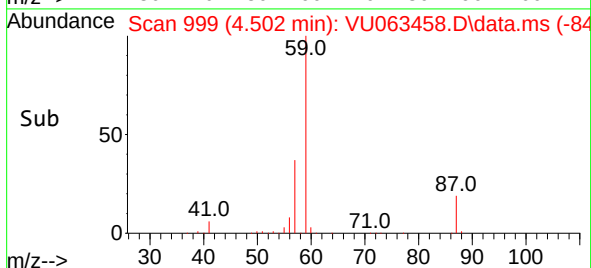
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

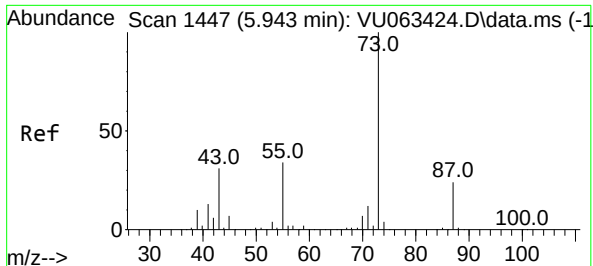


#32
Ethyl-t-butyl ether
Concen: 9.375 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



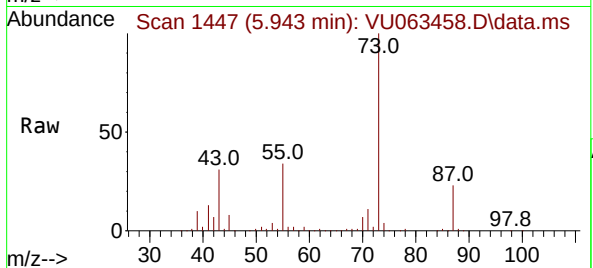
Tgt Ion: 59 Resp: 397798
Ion Ratio Lower Upper
59 100
87 39.0 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 10.529 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

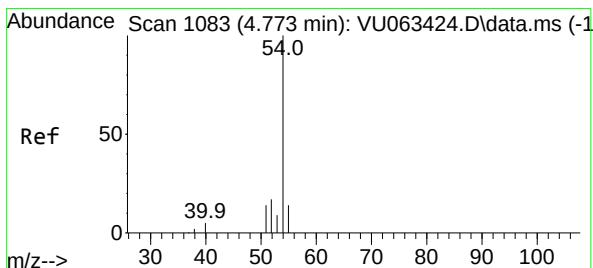
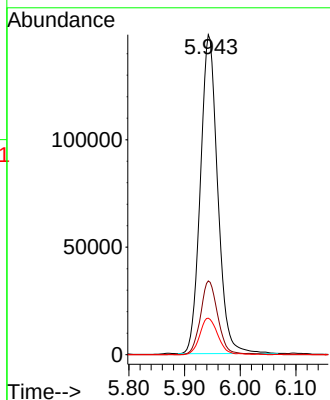
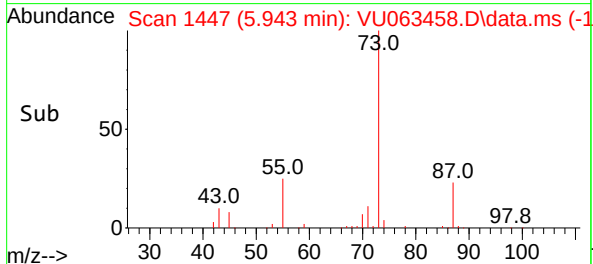
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 319809
Ion Ratio Lower Upper
73 100
87 22.5 18.1 27.1
71 11.4 10.0 15.0

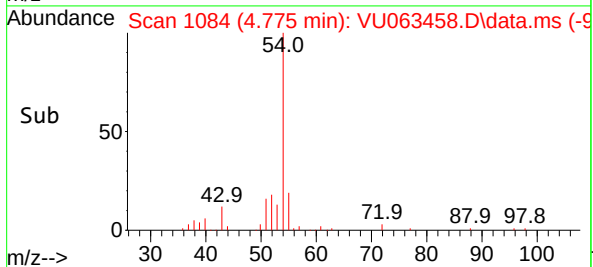
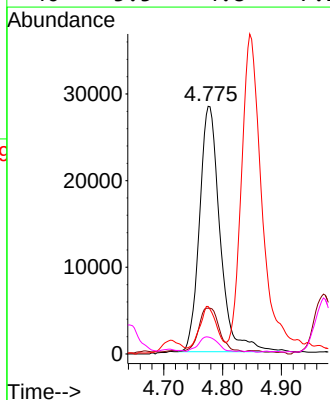
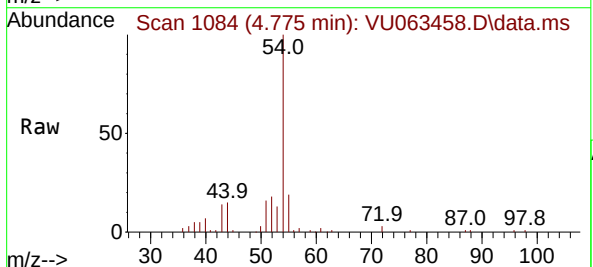
Manual Integrations
APPROVED

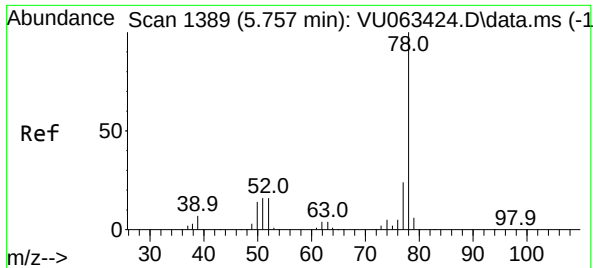
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
Propionitrile
Concen: 43.412 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion: 54 Resp: 68685
Ion Ratio Lower Upper
54 100
52 17.7 14.8 22.2
55 14.1 12.2 18.2
40 5.5 4.8 7.2





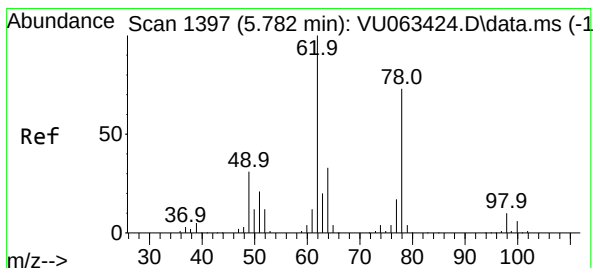
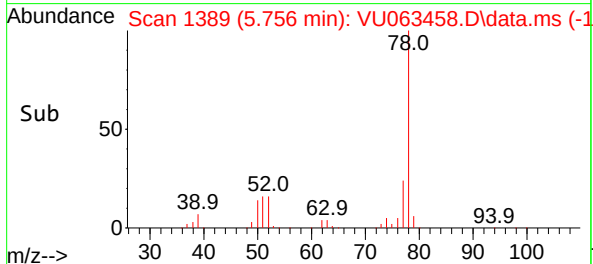
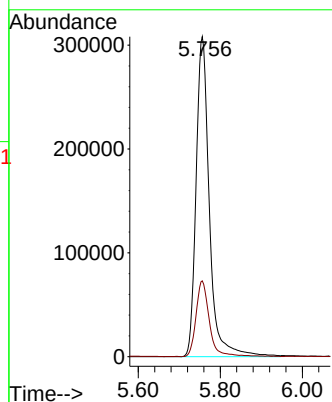
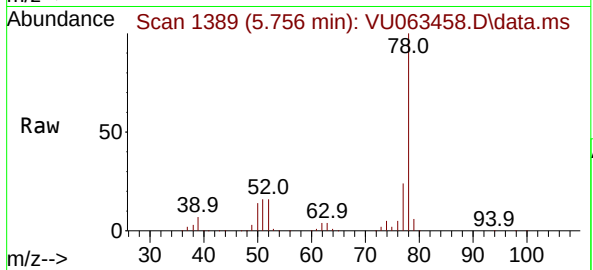
#35
Benzene
Concen: 10.300 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 693380
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

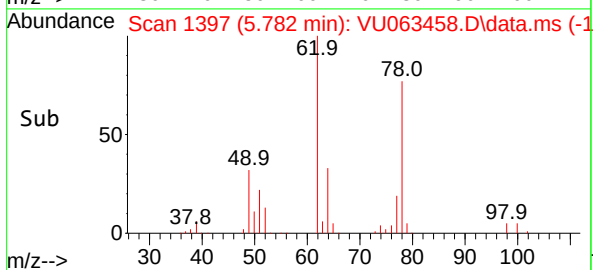
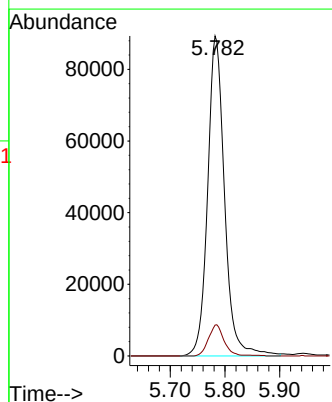
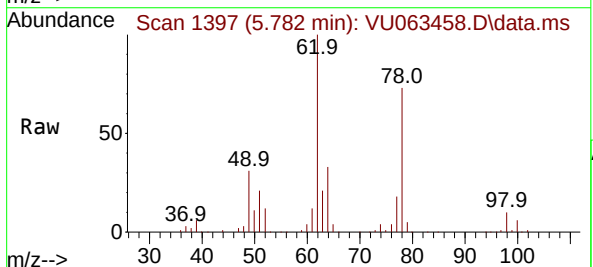
Manual Integrations
APPROVED

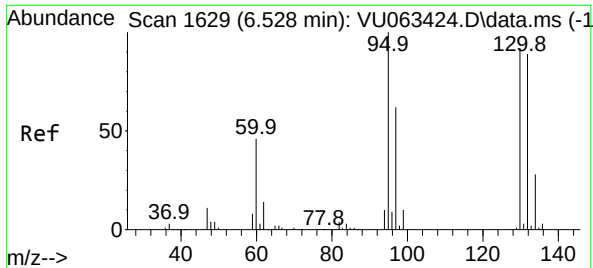
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 9.747 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

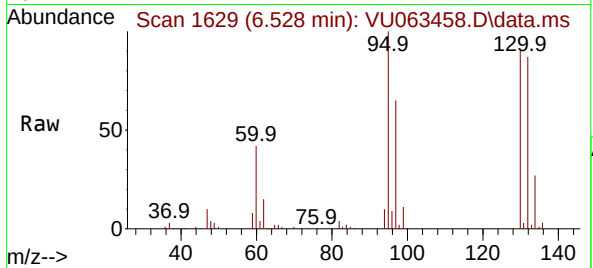
Tgt Ion: 62 Resp: 191808
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37
Trichloroethene
Concen: 9.765 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

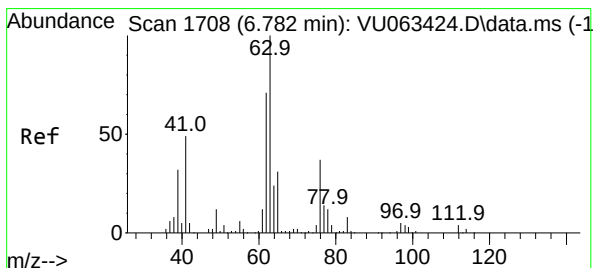
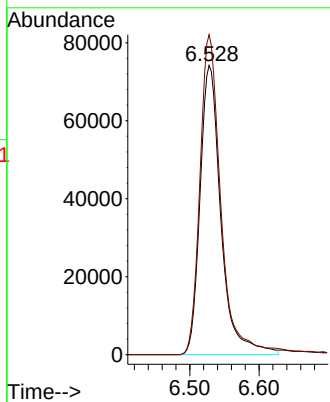
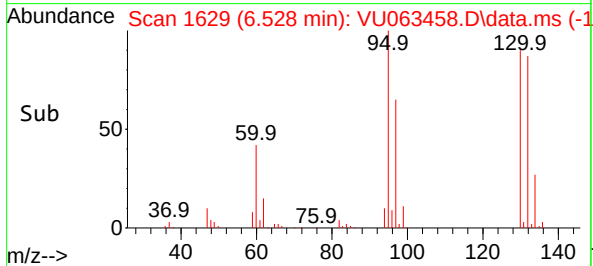
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



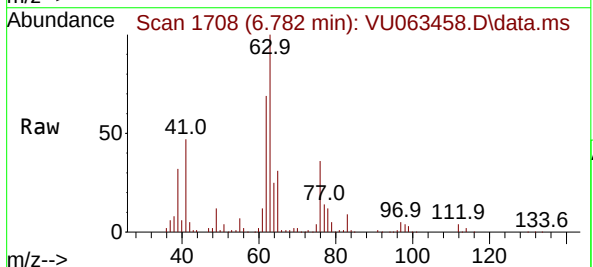
Tgt Ion:130 Resp: 15534
Ion Ratio Lower Upper
130 100
95 110.6 87.2 130.8

Manual Integrations
APPROVED

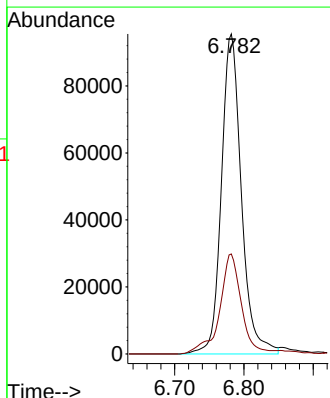
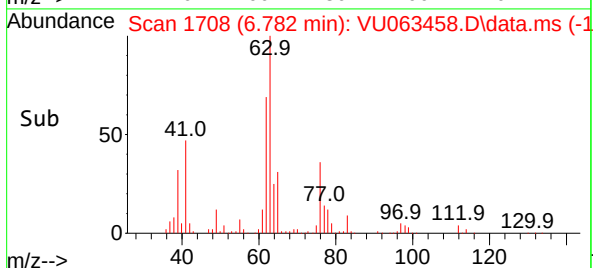
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

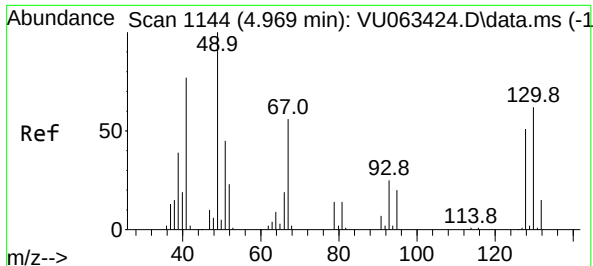


#38
1,2-Dichloropropane
Concen: 10.314 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



Tgt Ion: 63 Resp: 191758
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.6





#39

Methacrylonitrile

Concen: 8.379 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 55154

Ion Ratio Lower Upper

41 100

67 79.6 59.8 89.8

39 51.7 40.7 61.1

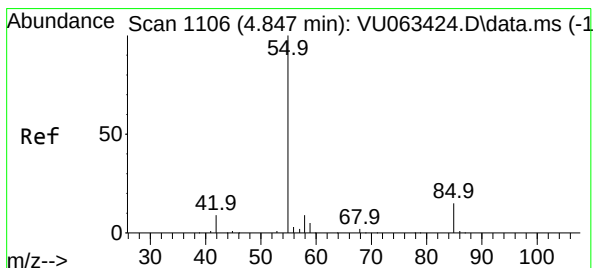
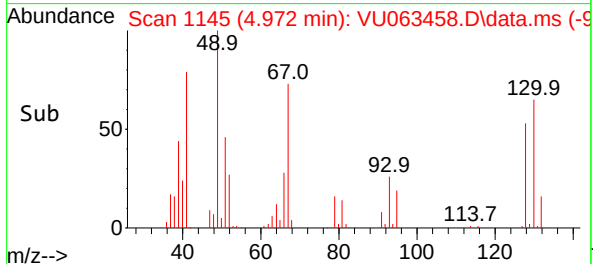
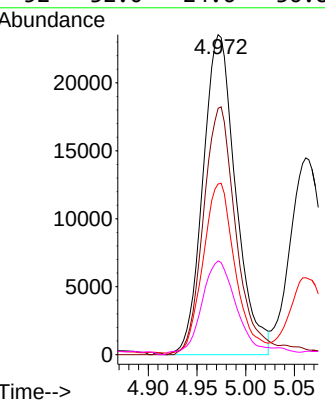
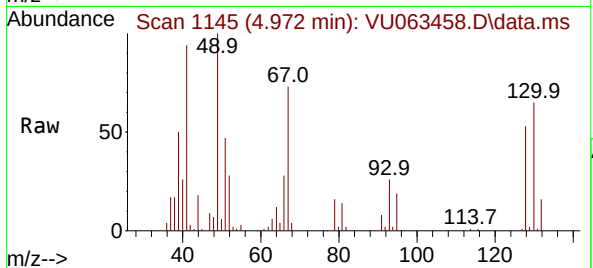
52 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Methyl acrylate

Concen: 9.128 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Tgt Ion: 55 Resp: 84364

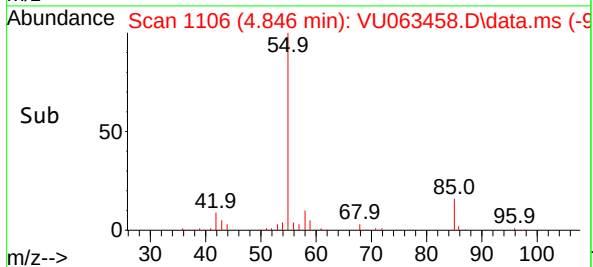
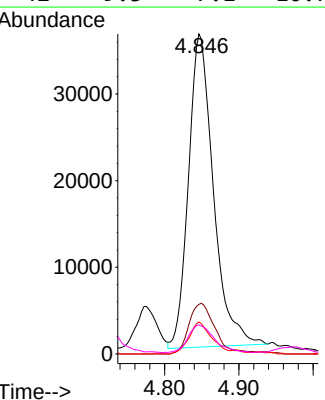
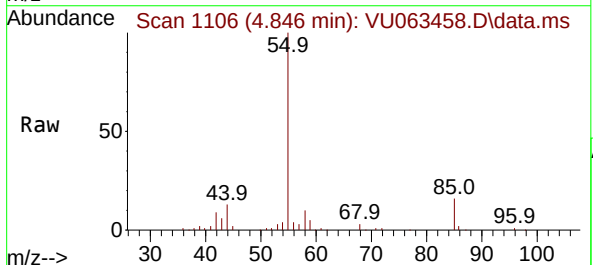
Ion Ratio Lower Upper

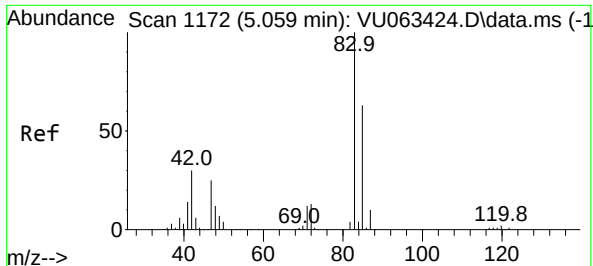
55 100

85 17.0 12.6 19.0

58 9.2 6.9 10.3

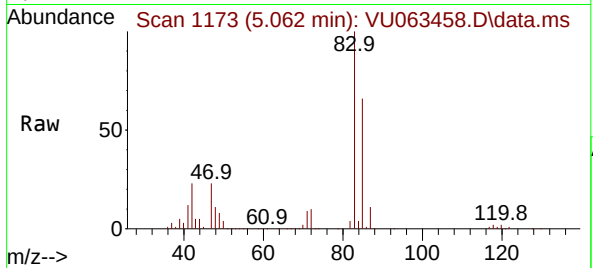
42 9.3 7.1 10.7





#41
Tetrahydrofuran
Concen: 16.342 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

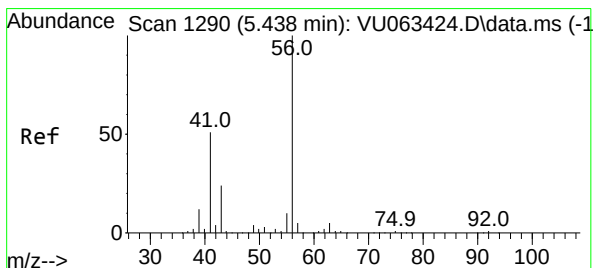
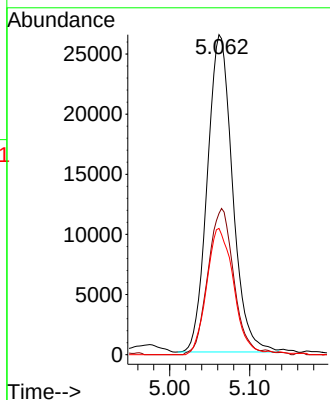
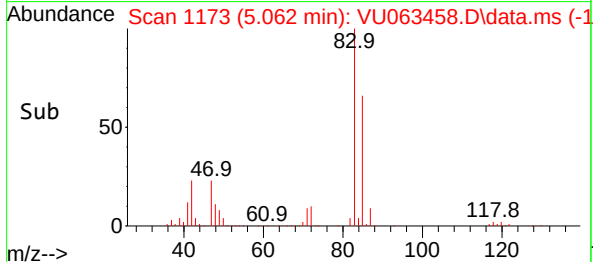
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



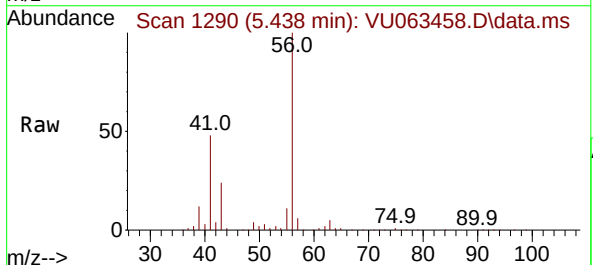
Tgt Ion: 42 Resp: 57869
Ion Ratio Lower Upper
42 100
72 46.9 35.4 53.2
71 42.2 31.4 47.0

Manual Integrations
APPROVED

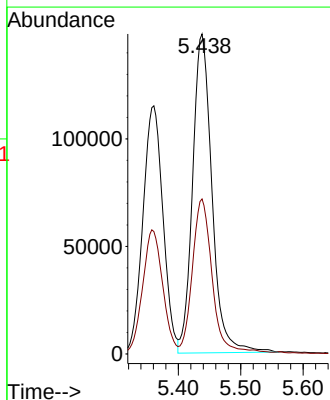
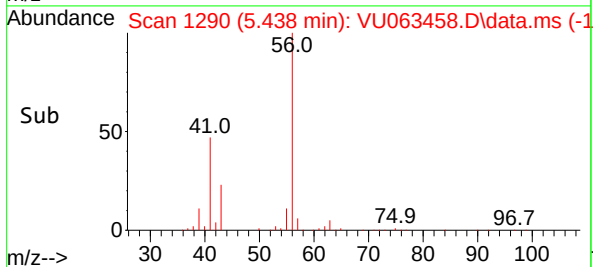
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

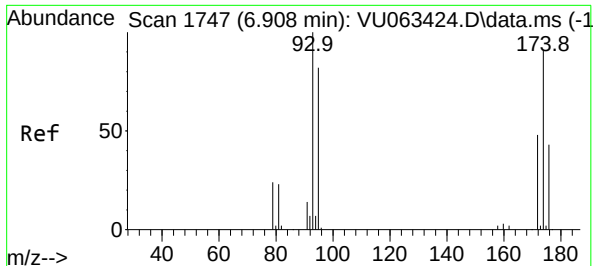


#42
1-Chlorobutane
Concen: 10.132 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



Tgt Ion: 56 Resp: 319883
Ion Ratio Lower Upper
56 100
41 46.7 26.4 79.0





#43

Dibromomethane

Concen: 10.019 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.001 min

Lab File: VU063458.D

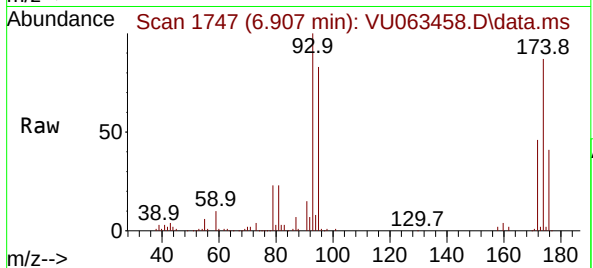
Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

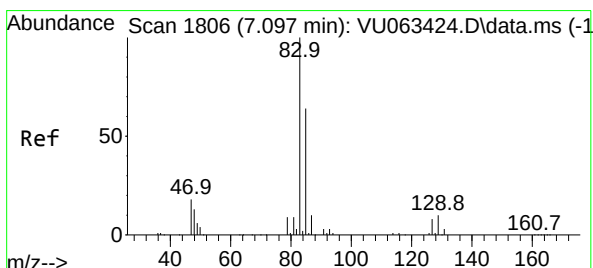
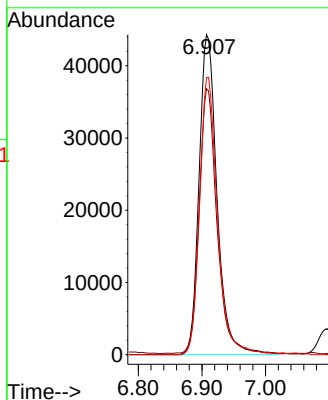
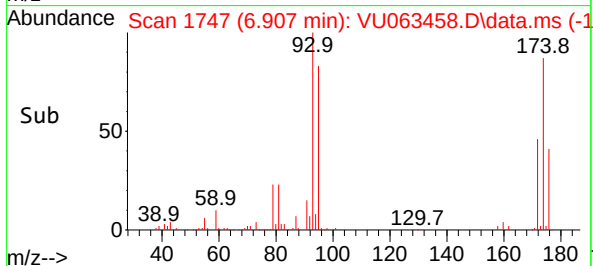


Tgt Ion:	93	Resp:	87018
Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.7	100.1
174	86.3	71.1	106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#44

Bromodichloromethane

Concen: 10.006 ug/l

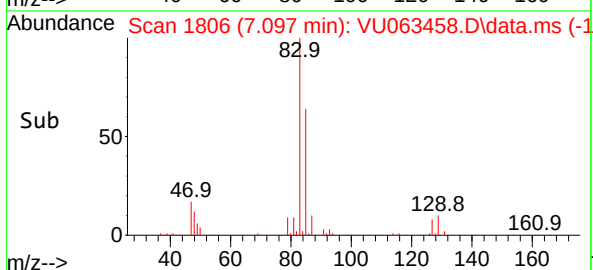
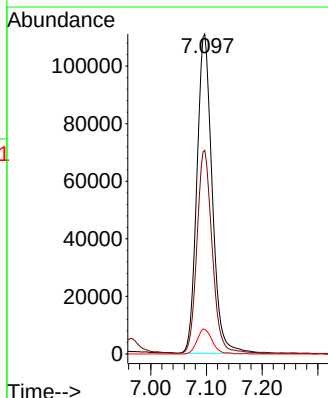
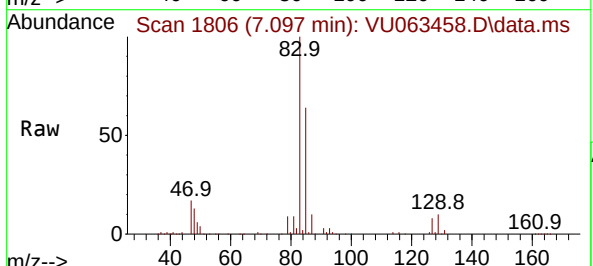
RT: 7.097 min Scan# 1806

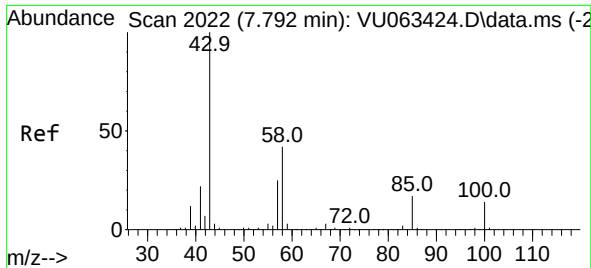
Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

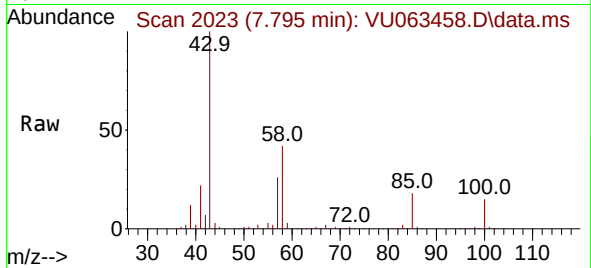
Tgt Ion:	83	Resp:	211696
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.2
127	7.7	6.6	10.0





#45
4-Methyl-2-Pentanone
Concen: 52.050 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

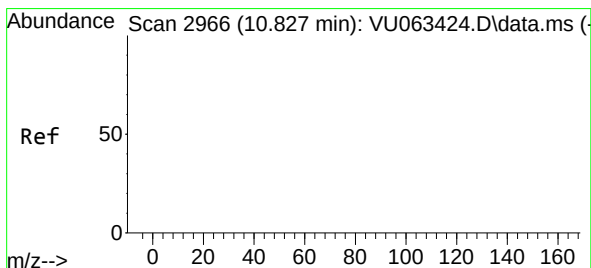
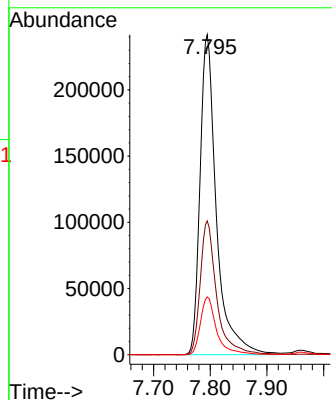
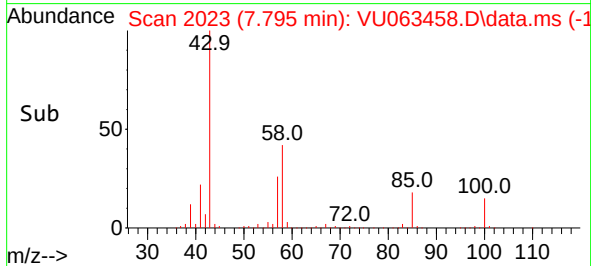
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 48527
Ion Ratio Lower Upper
43 100
58 42.0 20.5 61.6
85 17.8 14.2 21.2

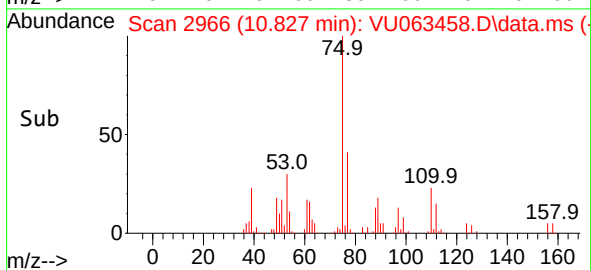
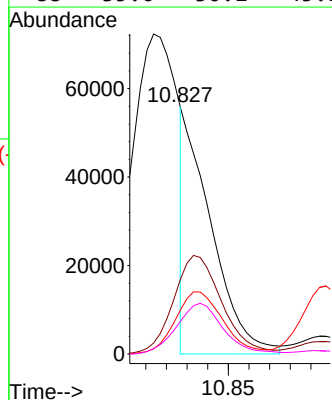
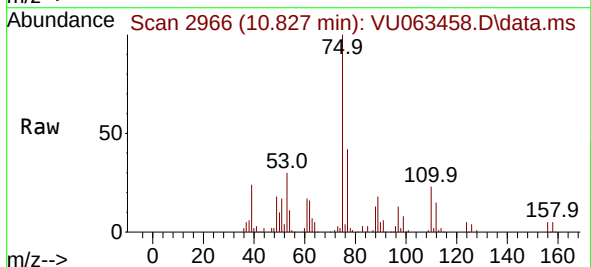
Manual Integrations
APPROVED

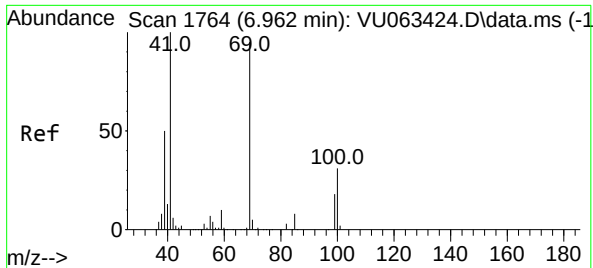
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#46
t-1,4-Dichloro-2-butene
Concen: 16.792 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

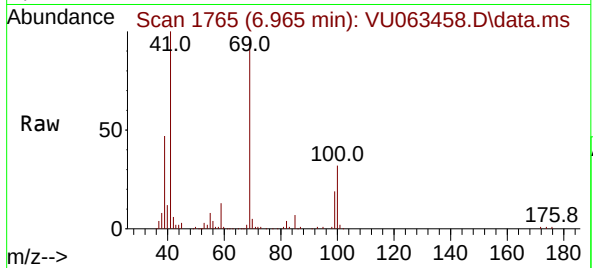
Tgt Ion: 75 Resp: 51460
Ion Ratio Lower Upper
75 100
53 70.4 61.4 92.2
89 43.9 39.2 58.8
88 35.0 30.1 45.1





#47
Methyl methacrylate
Concen: 19.132 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

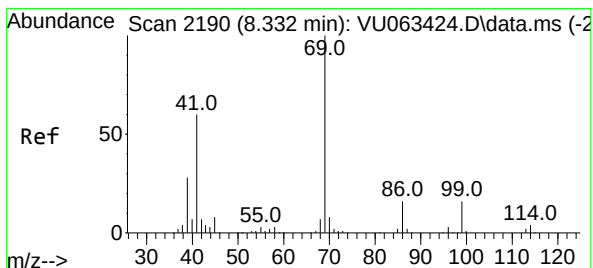
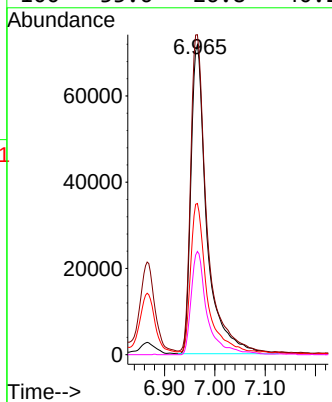
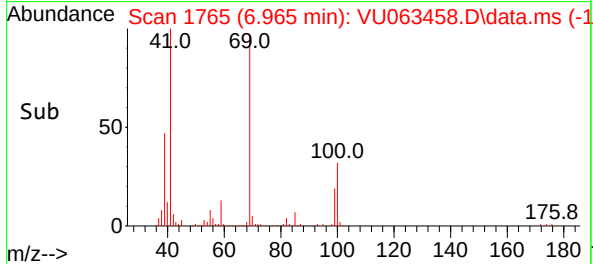
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 15791
Ion Ratio Lower Upper
69 100
41 105.2 0.0 212.6
39 48.8 40.6 61.0
100 33.6 26.8 40.2

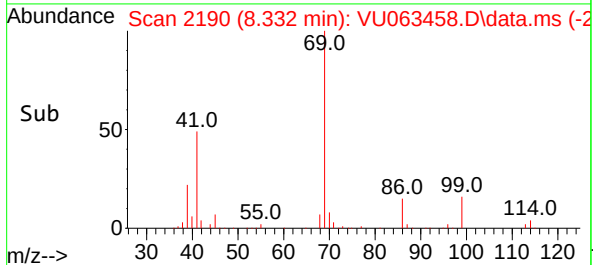
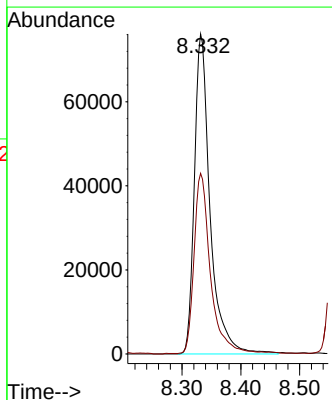
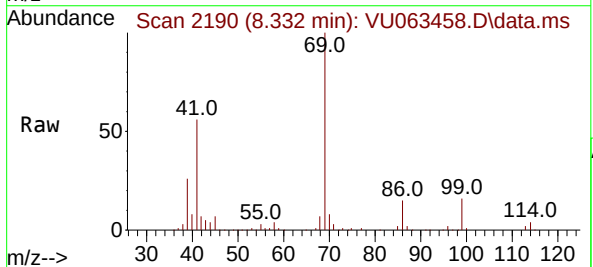
Manual Integrations
APPROVED

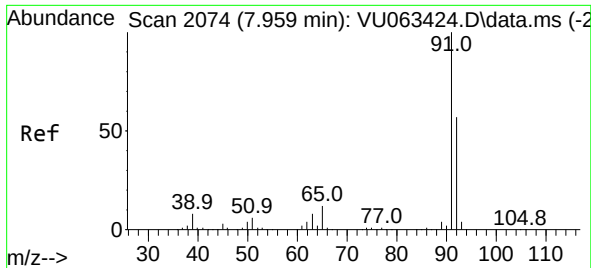
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#48
Ethyl methacrylate
Concen: 9.639 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

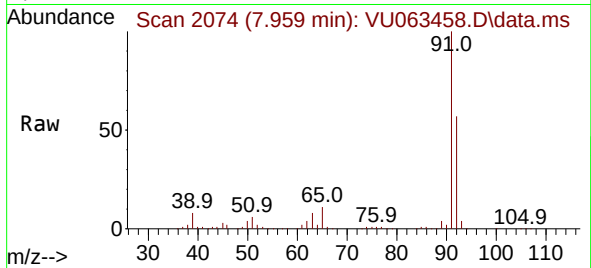
Tgt Ion: 69 Resp: 140899
Ion Ratio Lower Upper
69 100
41 58.5 30.6 92.0





#49
Toluene
Concen: 11.141 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

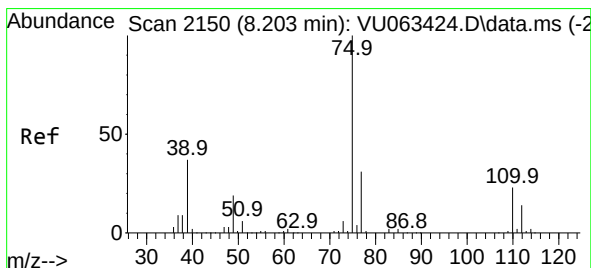
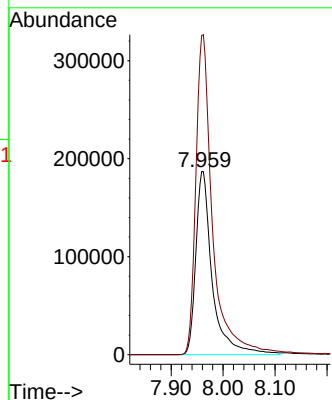
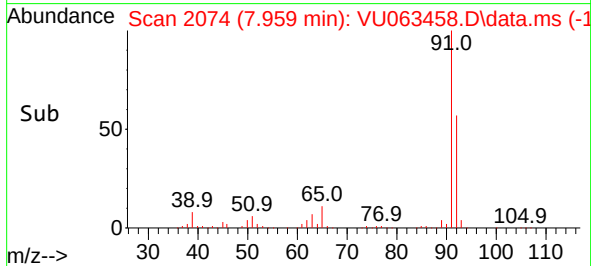
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 41176
Ion Ratio Lower Upper
92 100
91 178.7 142.0 213.0

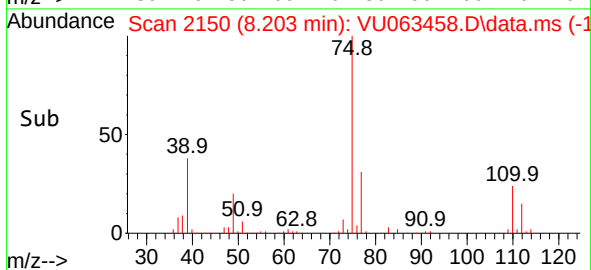
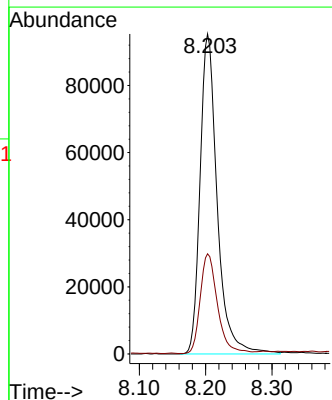
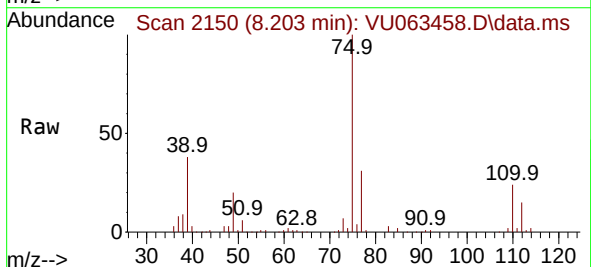
Manual Integrations
APPROVED

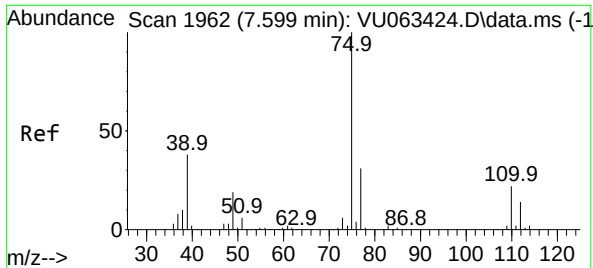
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#50
t-1,3-Dichloropropene
Concen: 11.226 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

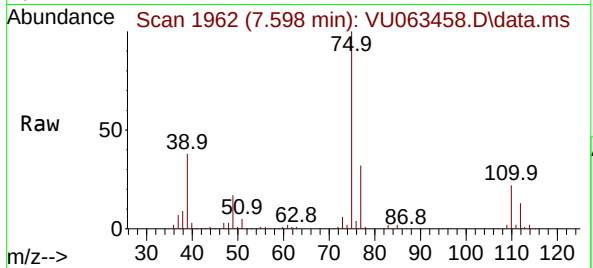
Tgt Ion: 75 Resp: 171272
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 10.733 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31

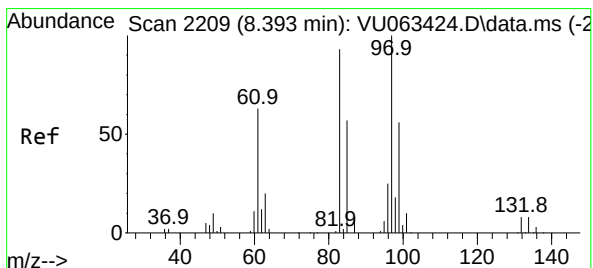
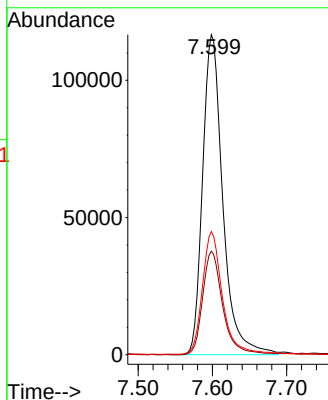
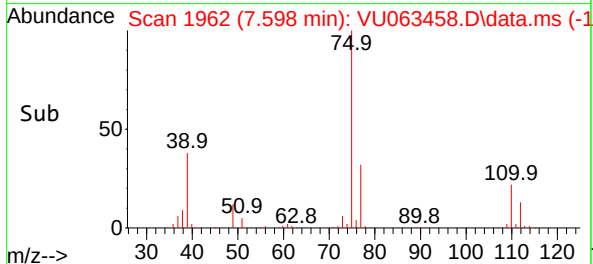
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 21995
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2
 39 38.3 30.7 46.1

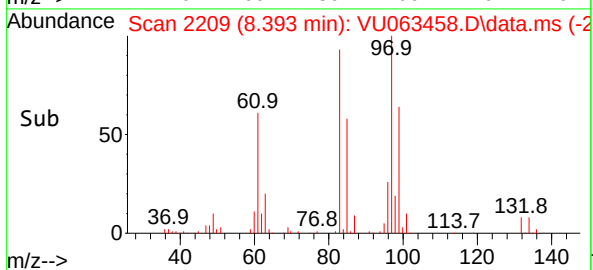
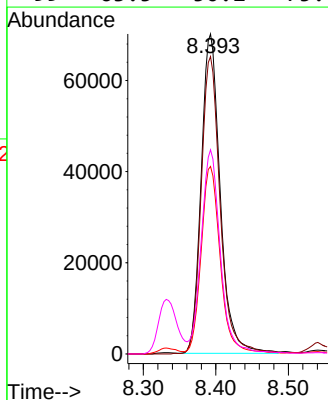
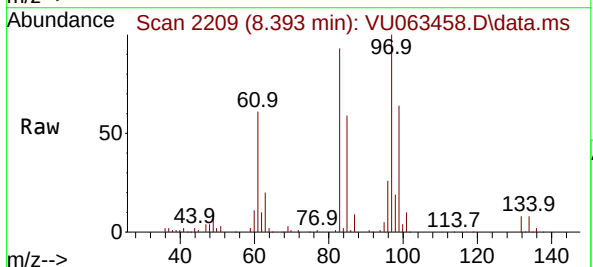
Manual Integrations
 APPROVED

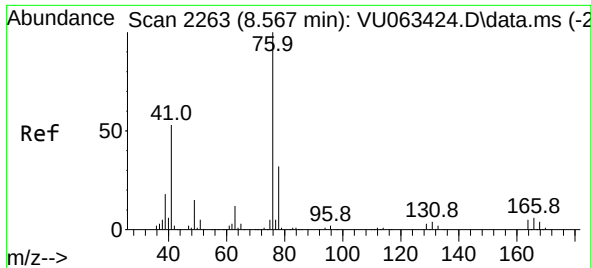
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.068 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31

Tgt Ion: 97 Resp: 127837
 Ion Ratio Lower Upper
 97 100
 83 93.0 74.1 111.1
 85 58.4 45.8 68.8
 99 63.5 50.2 75.4





#53

1,3-Dichloropropane

Concen: 10.394 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 227060

Ion Ratio Lower Upper

76 100

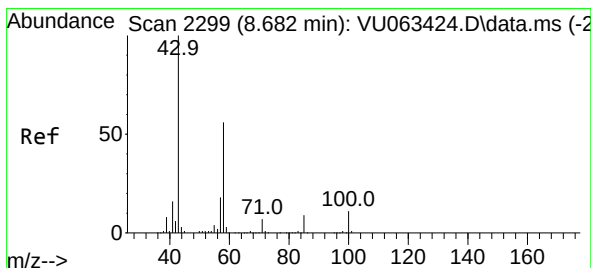
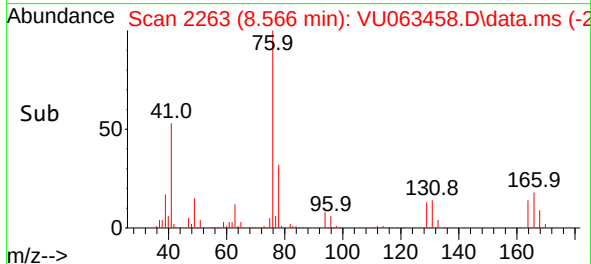
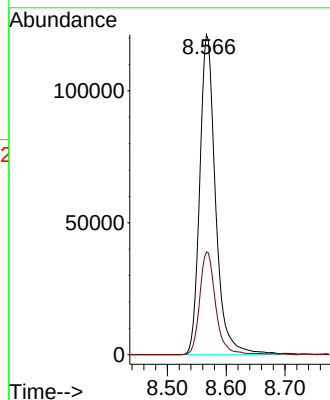
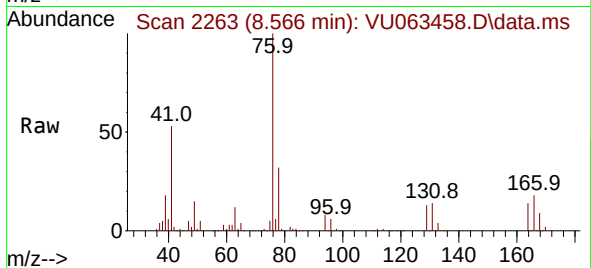
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#54

2-Hexanone

Concen: 44.386 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

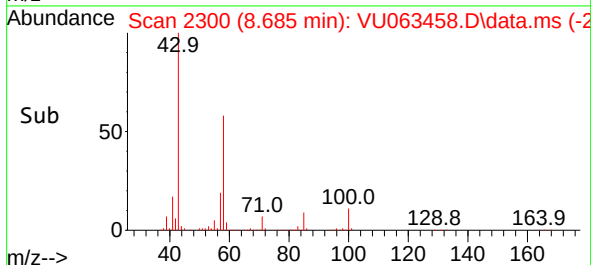
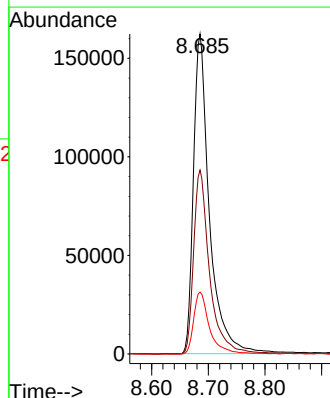
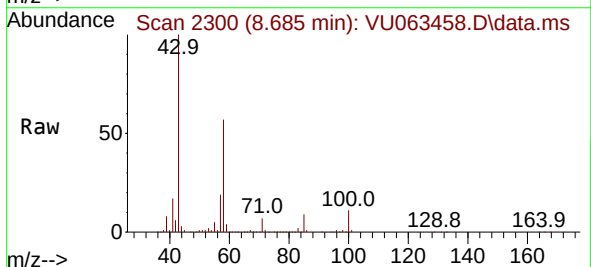
Tgt Ion: 43 Resp: 317845

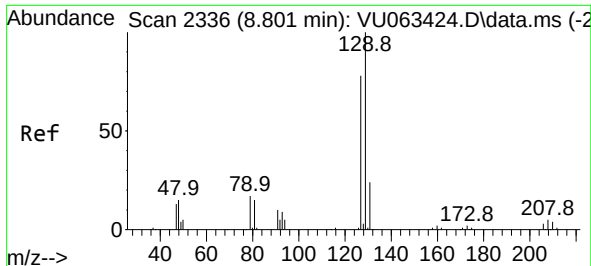
Ion Ratio Lower Upper

43 100

58 57.0 36.9 76.9

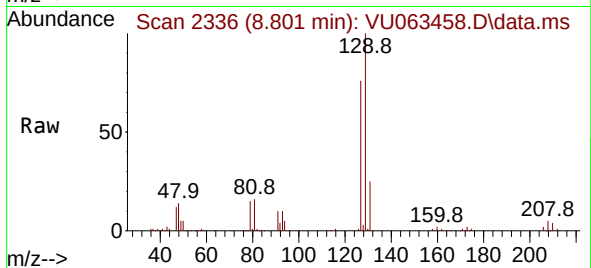
57 19.0 0.0 38.8





#55
Dibromochloromethane
Concen: 10.260 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

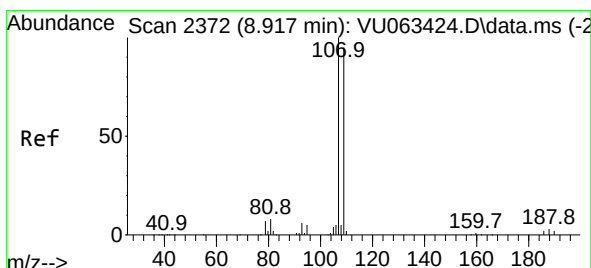
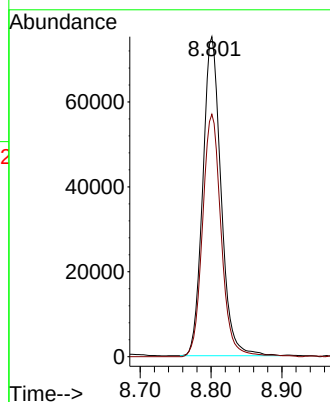
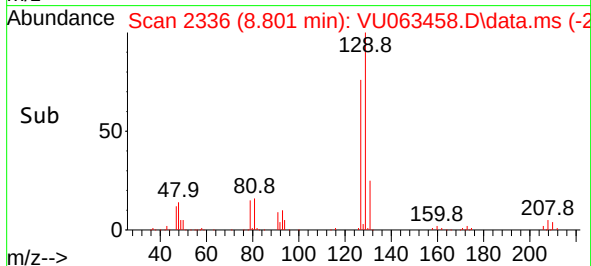
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



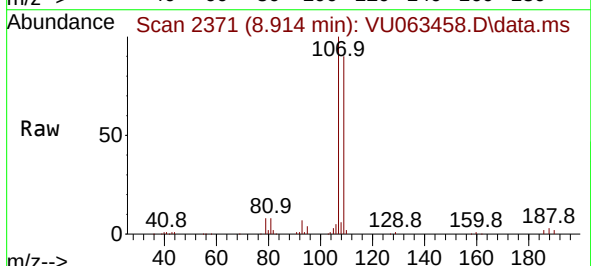
Tgt Ion:129 Resp: 134402
Ion Ratio Lower Upper
129 100
127 77.6 62.6 93.8

Manual Integrations
APPROVED

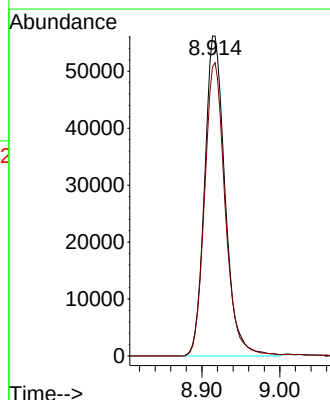
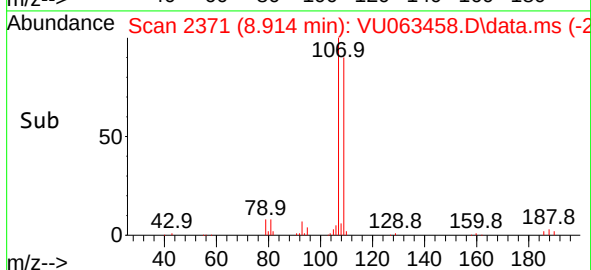
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

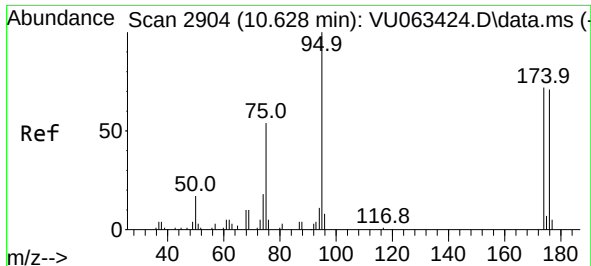


#56
1,2-Dibromoethane
Concen: 9.953 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.004 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



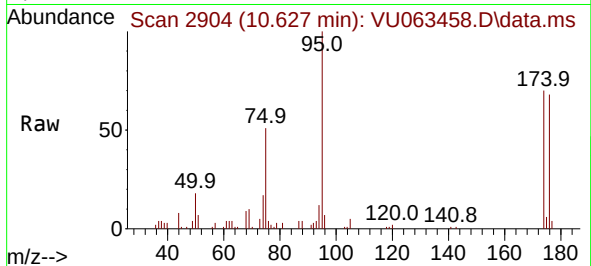
Tgt Ion:107 Resp: 102444
Ion Ratio Lower Upper
107 100
109 92.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.086 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

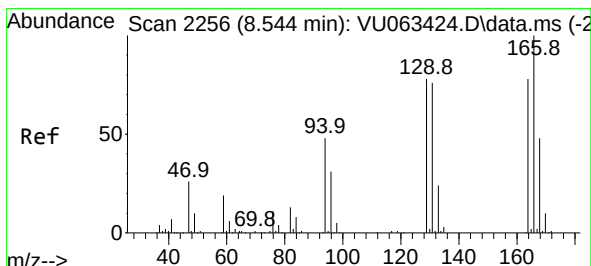
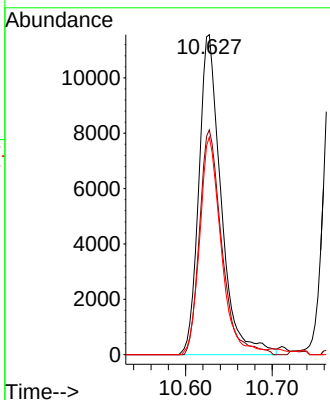
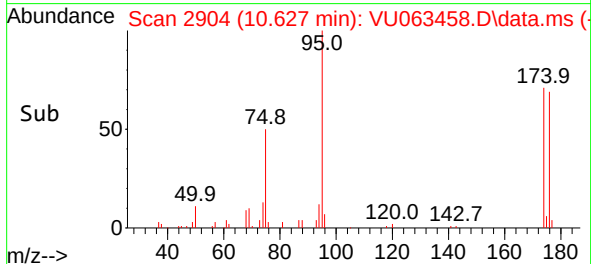
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 20600
Ion Ratio Lower Upper
95 100
174 70.2 59.4 89.2
176 65.8 57.8 86.6

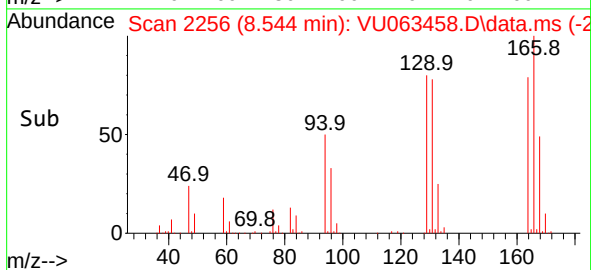
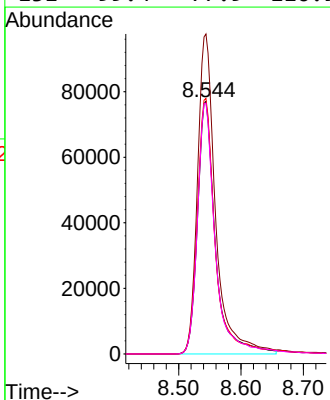
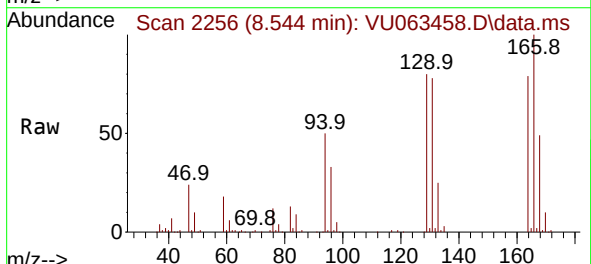
Manual Integrations
APPROVED

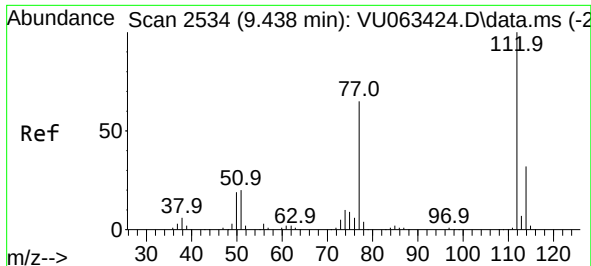
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#58
Tetrachloroethene
Concen: 9.813 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:164 Resp: 153149
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 101.2 80.2 120.2
131 99.4 77.9 116.9





#59

Chlorobenzene

Concen: 10.429 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 412639

Ion Ratio Lower Upper

112 100

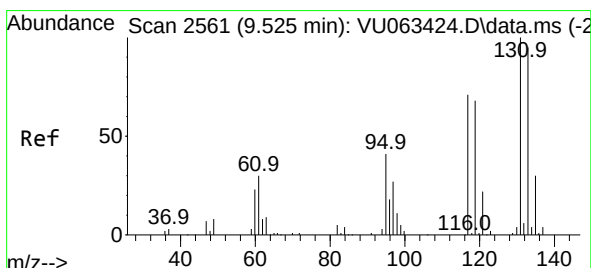
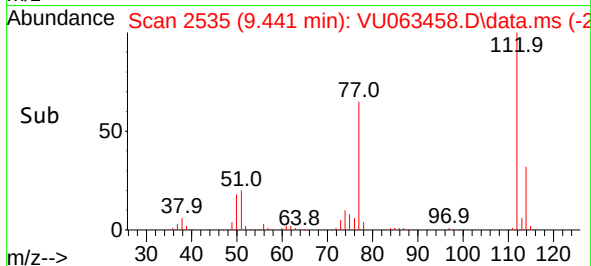
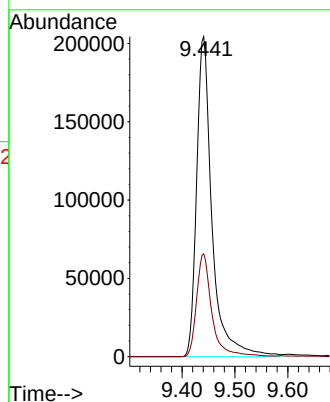
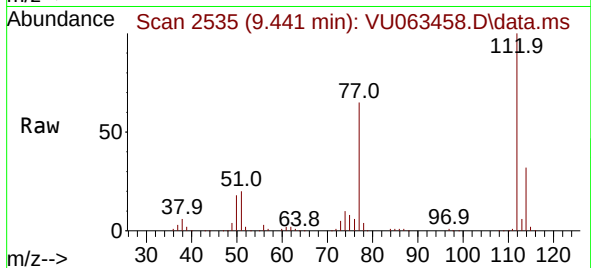
114 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 10.092 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

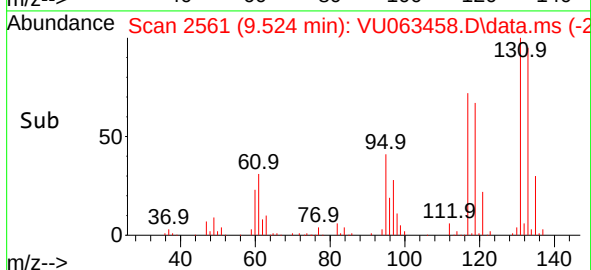
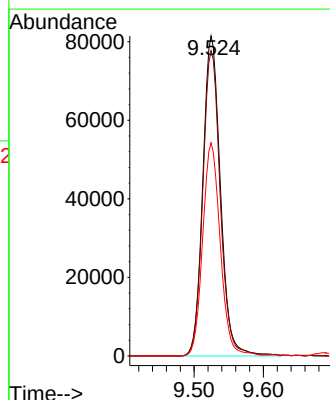
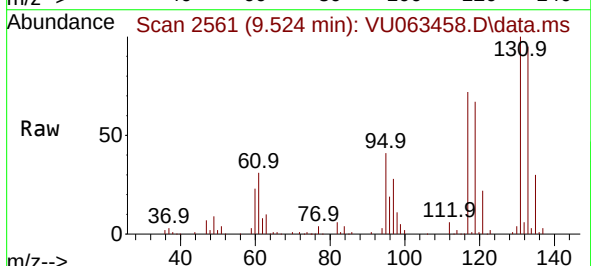
Tgt Ion:131 Resp: 143731

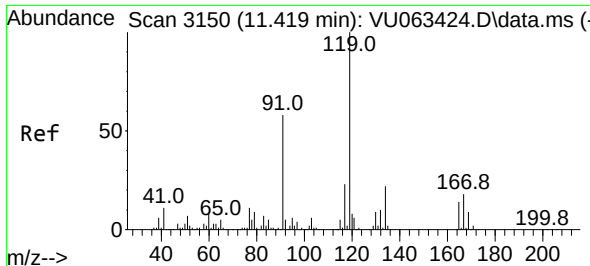
Ion Ratio Lower Upper

131 100

133 94.4 76.1 114.1

119 66.6 53.7 80.5





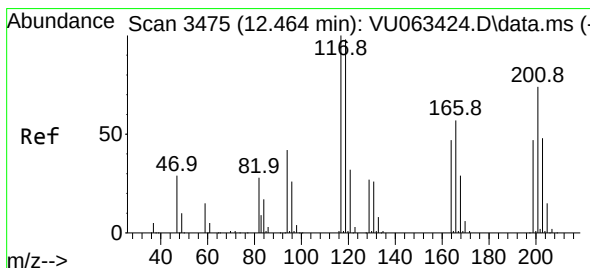
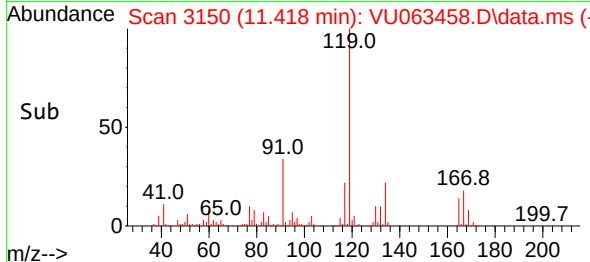
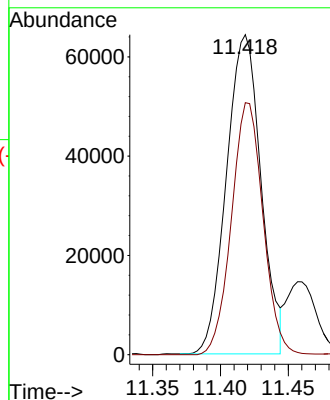
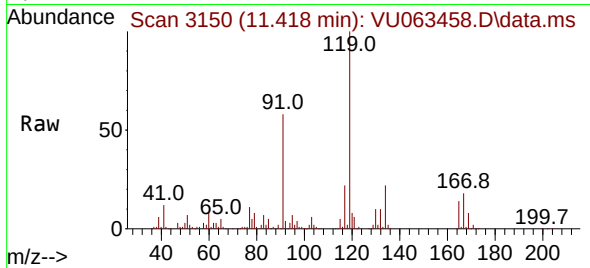
#61
Pentachloroethane
Concen: 9.799 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 11369
Ion Ratio Lower Upper
117 100
167 72.4 58.1 87.1

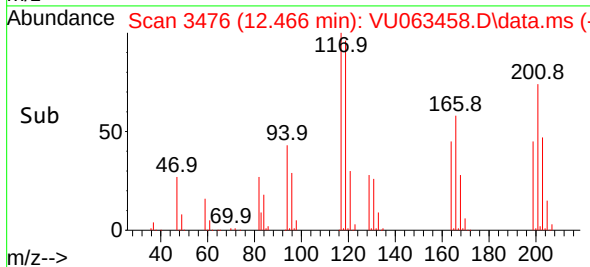
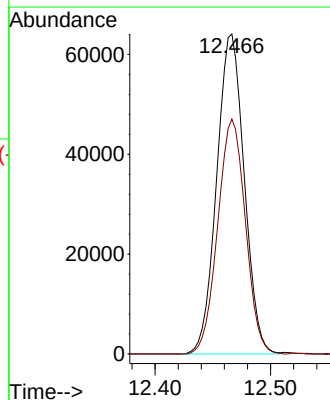
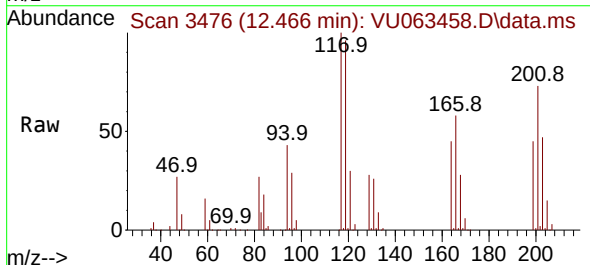
Manual Integrations
APPROVED

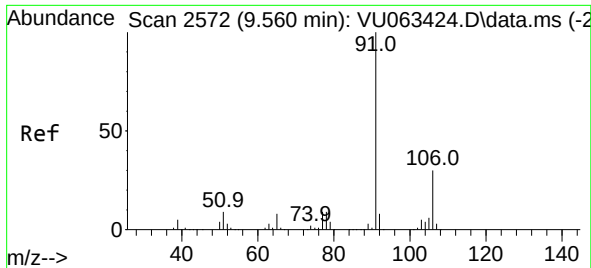
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#62
Hexachloroethane
Concen: 10.180 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:117 Resp: 106225
Ion Ratio Lower Upper
117 100
201 73.7 60.4 90.6





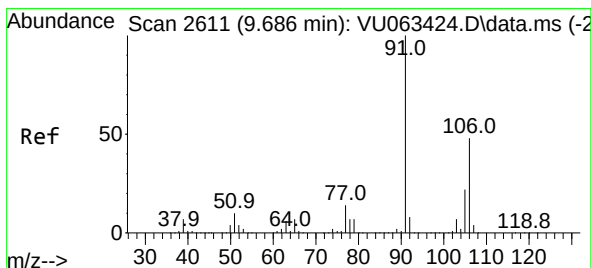
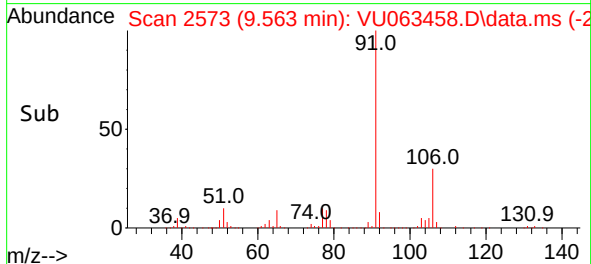
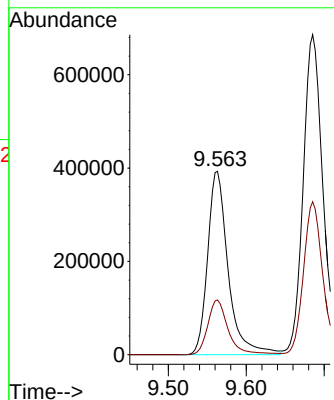
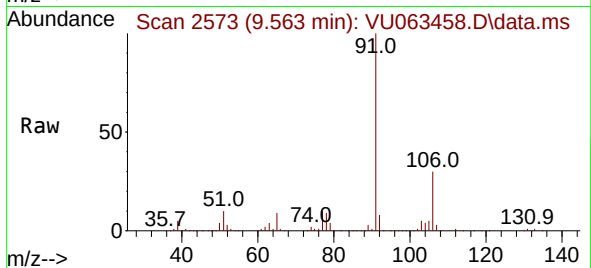
#63
Ethyl Benzene
Concen: 11.382 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 721950
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

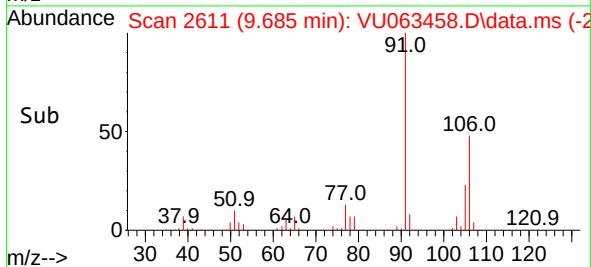
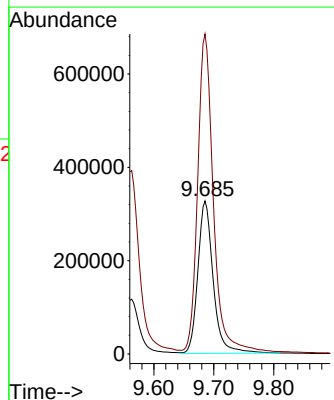
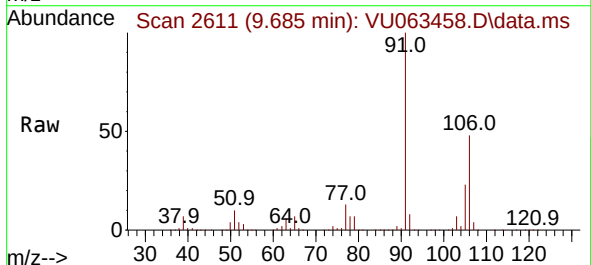
Manual Integrations
APPROVED

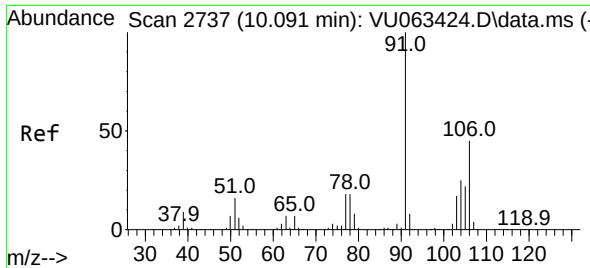
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 19.456 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:106 Resp: 582738
Ion Ratio Lower Upper
106 100
91 222.4 169.9 254.9





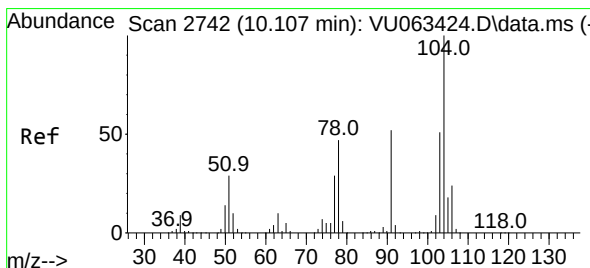
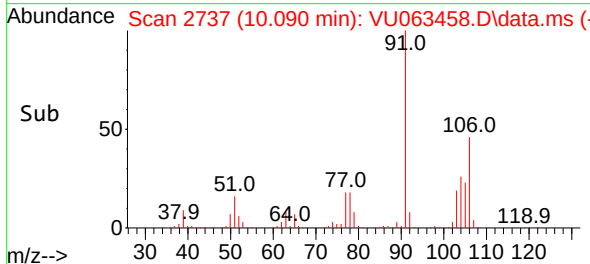
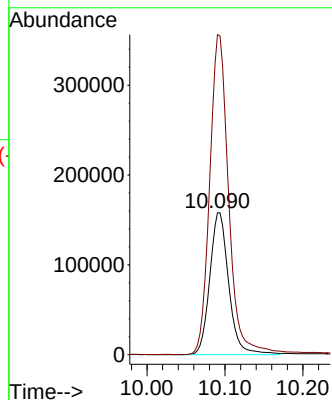
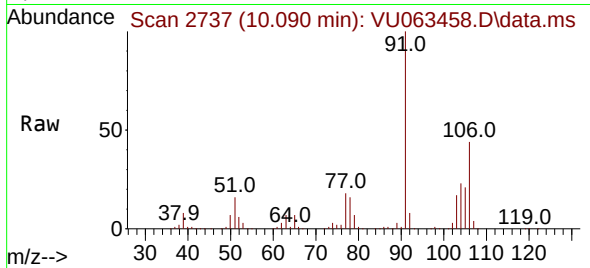
#65
o-Xylene
Concen: 11.082 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 26705
Ion Ratio Lower Upper
106 100
91 228.1 110.8 332.3

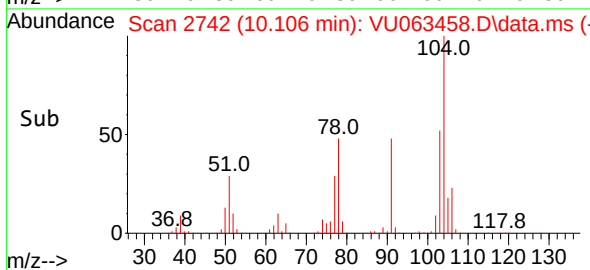
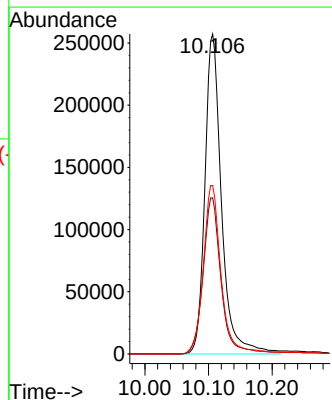
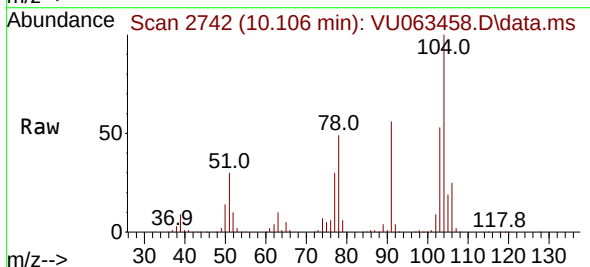
Manual Integrations
APPROVED

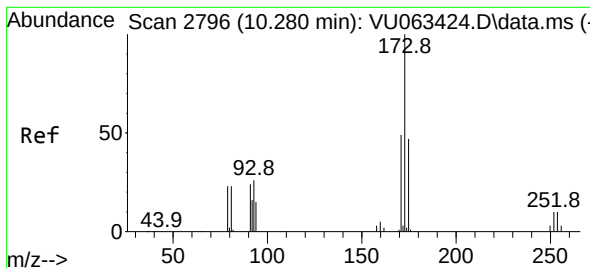
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#66
Styrene
Concen: 9.719 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:104 Resp: 467600
Ion Ratio Lower Upper
104 100
78 52.8 41.6 62.4
103 56.2 44.6 67.0





#67

Bromoform

Concen: 10.057 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

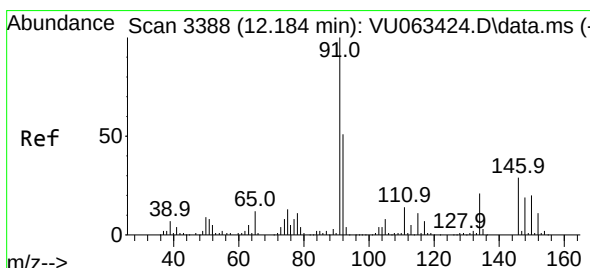
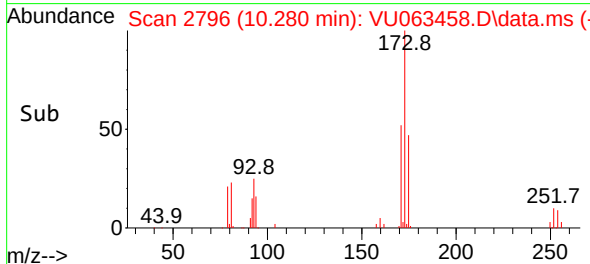
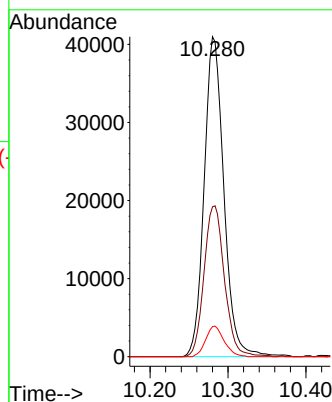
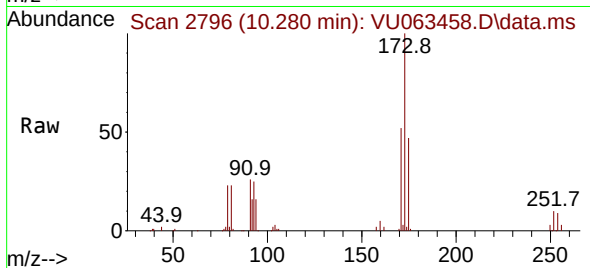
VSTDCCC010EC

Tgt Ion:	173	Resp:	71984
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.2	57.2
254	8.9	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.994 ug/l

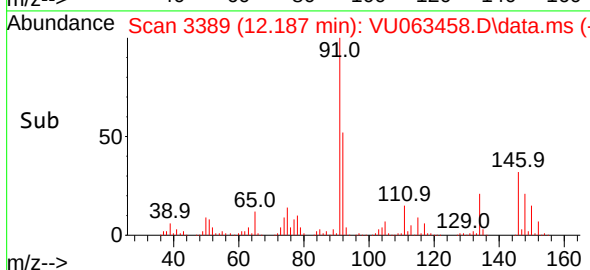
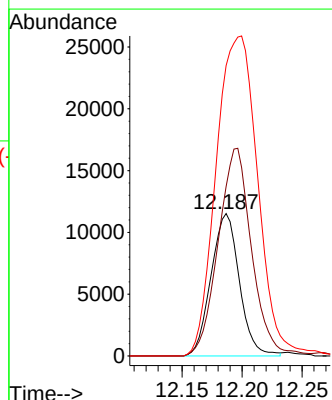
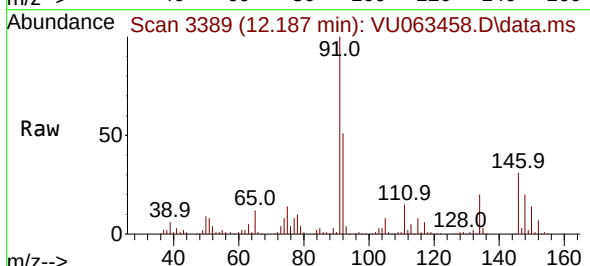
RT: 12.187 min Scan# 3389

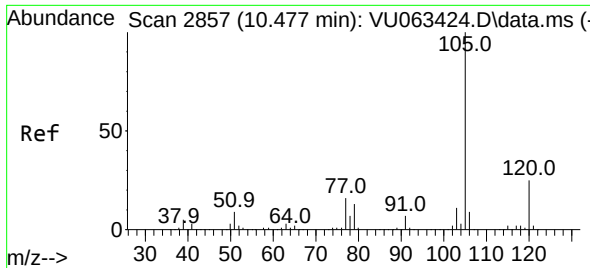
Delta R.T. 0.003 min

Lab File: VU063458.D

Acq: 25 Jun 2025 14:31

Tgt Ion:	152	Resp:	18929
Ion Ratio	Lower	Upper	
152	100		
115	172.1	0.0	327.6
150	330.7	0.0	664.4





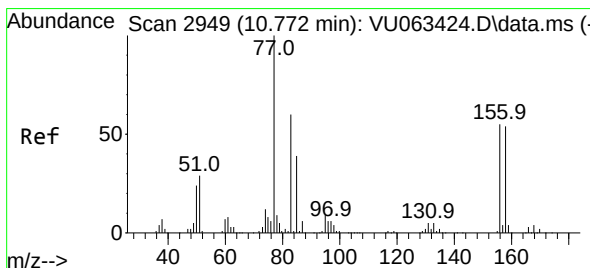
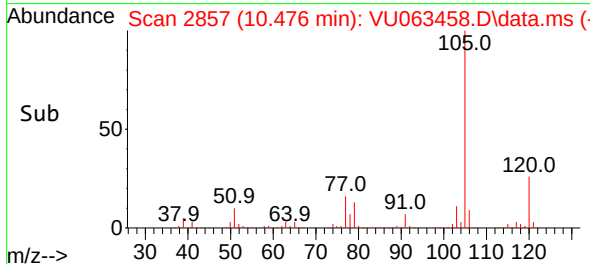
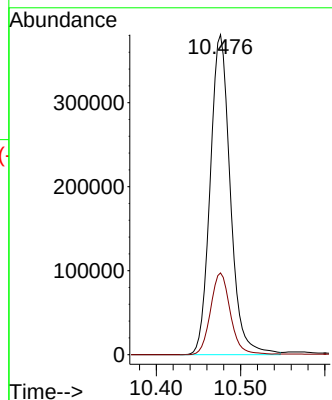
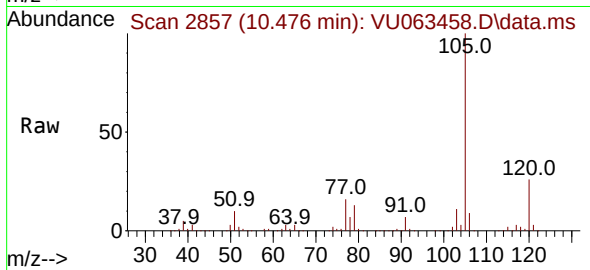
#69
Isopropylbenzene
Concen: 11.315 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 631670
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.1

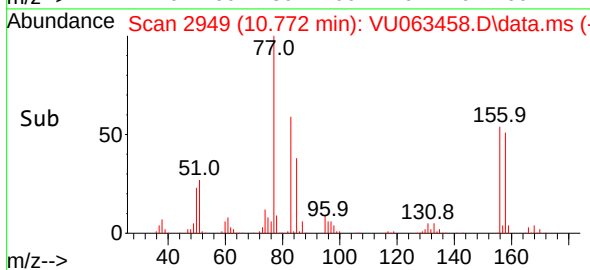
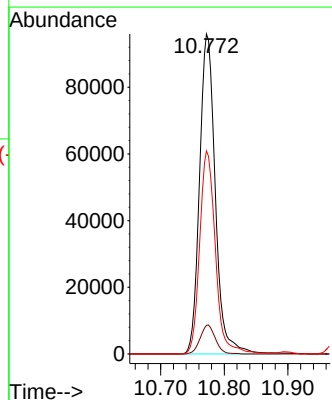
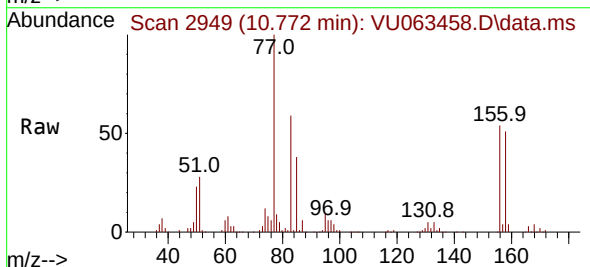
Manual Integrations
APPROVED

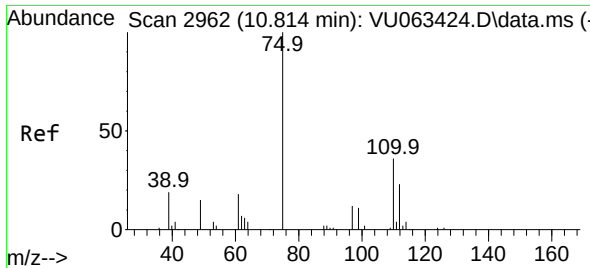
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 10.192 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

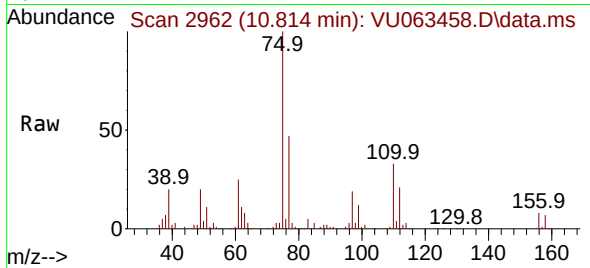
Tgt Ion: 83 Resp: 165533
Ion Ratio Lower Upper
83 100
131 8.7 7.4 11.0
85 63.2 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 10.018 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

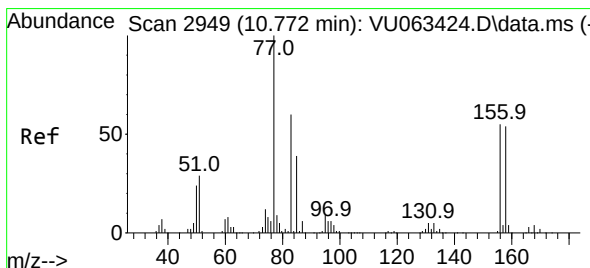
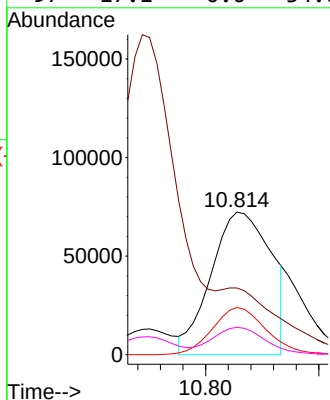
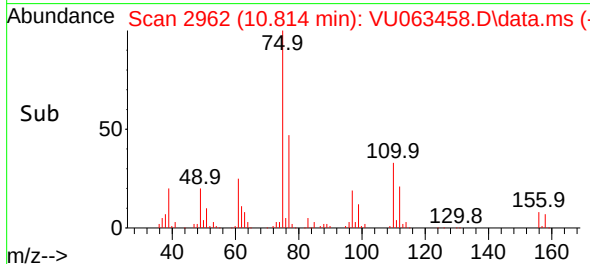
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



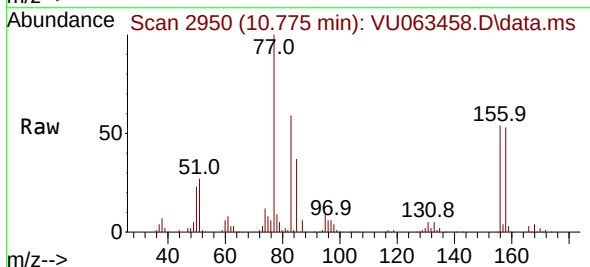
Tgt Ion: 75 Resp: 13288
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 30.0 0.0 63.4
97 17.1 0.0 34.0

Manual Integrations
APPROVED

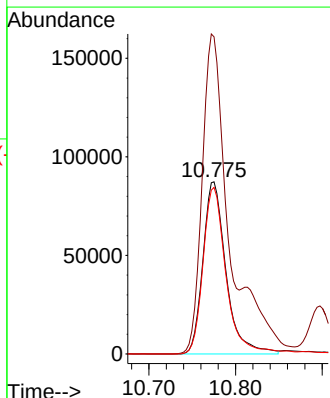
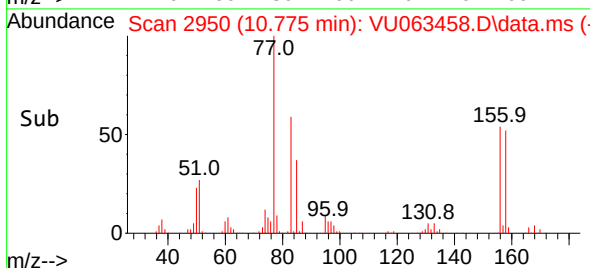
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

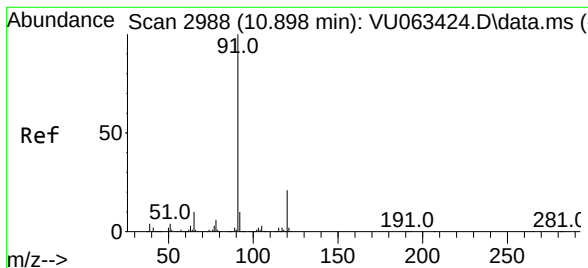


#72
Bromobenzene
Concen: 10.329 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



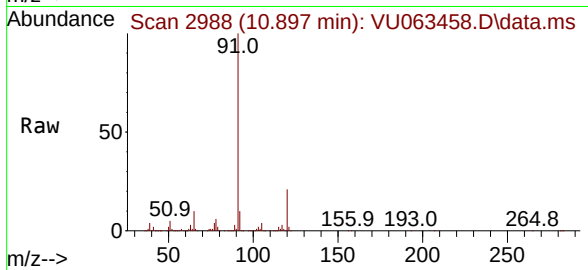
Tgt Ion:156 Resp: 161870
Ion Ratio Lower Upper
156 100
77 180.7 0.0 416.2
158 96.1 0.0 190.6





#73
n-propylbenzene
Concen: 9.601 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

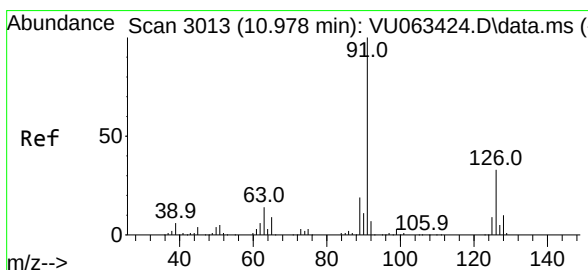
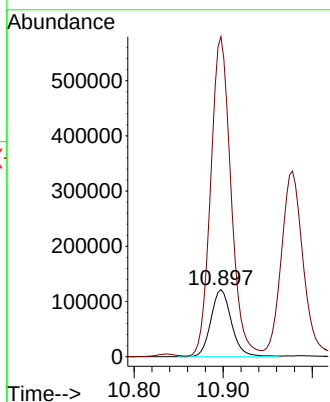
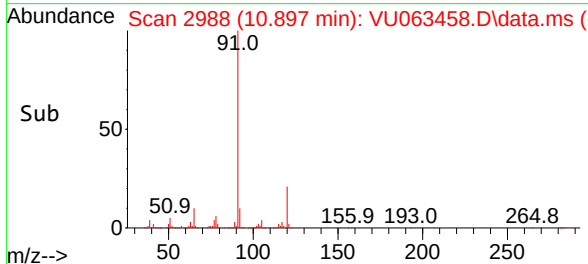
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



Tgt Ion:120 Resp: 194049
Ion Ratio Lower Upper
120 100
91 469.6 373.7 560.5

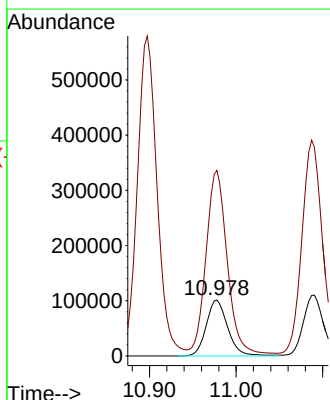
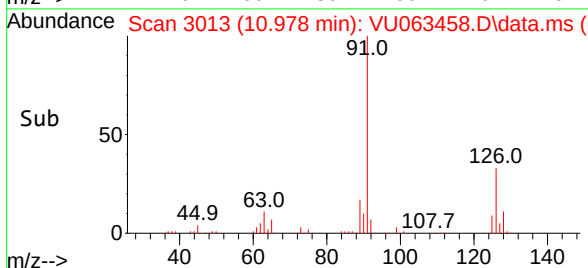
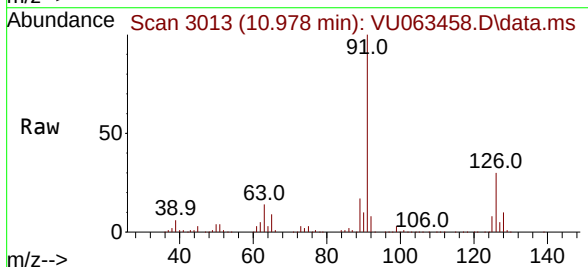
Manual Integrations
APPROVED

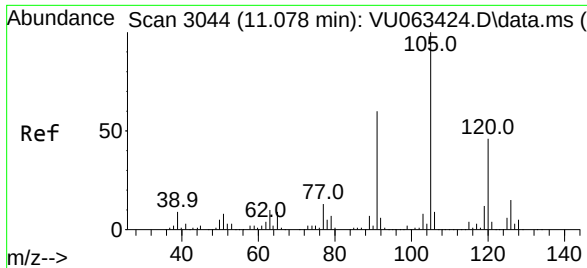
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
2-Chlorotoluene
Concen: 11.247 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

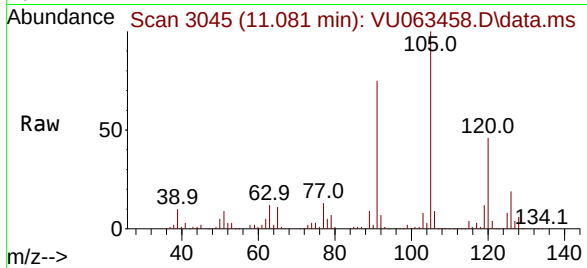
Tgt Ion:126 Resp: 174222
Ion Ratio Lower Upper
126 100
91 331.1 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 9.792 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

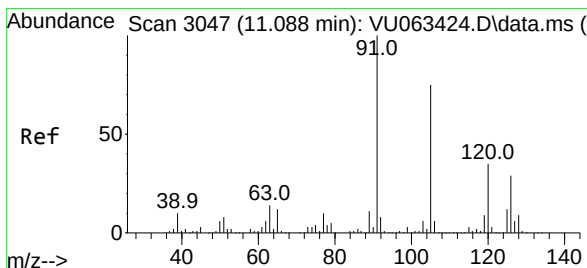
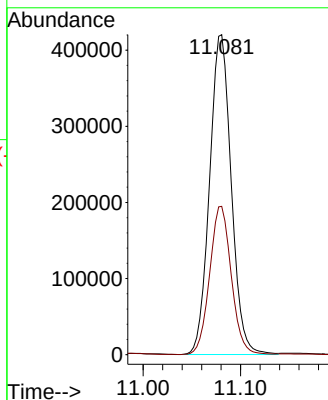
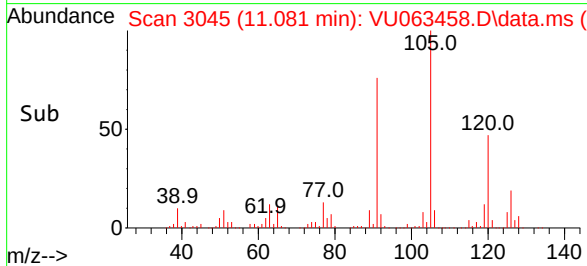
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



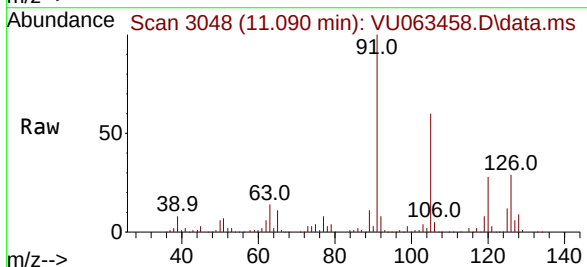
Tgt Ion:105 Resp: 65021
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

Manual Integrations
APPROVED

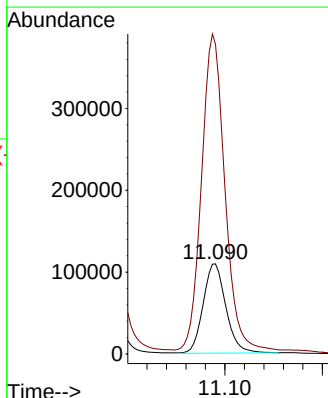
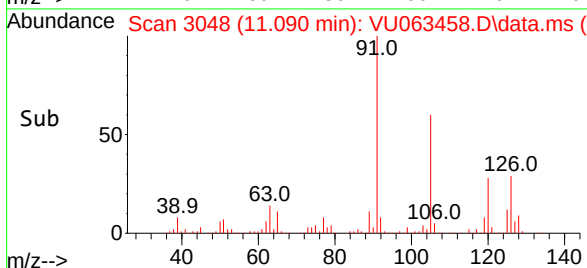
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

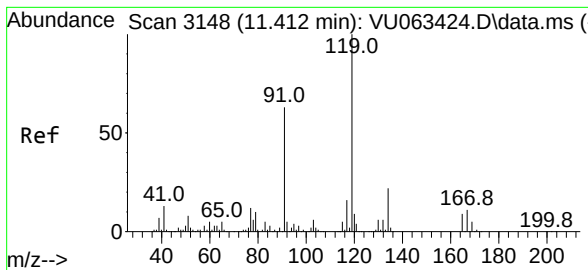


#76
4-Chlorotoluene
Concen: 10.877 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



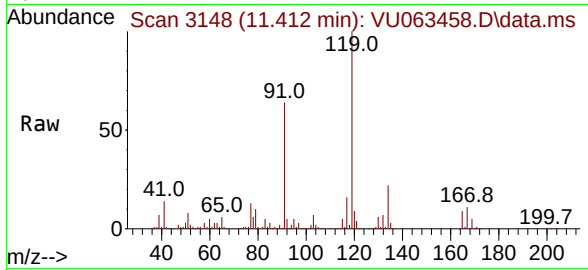
Tgt Ion:126 Resp: 176500
Ion Ratio Lower Upper
126 100
91 380.3 0.0 713.2





#77
tert-Butylbenzene
Concen: 11.144 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

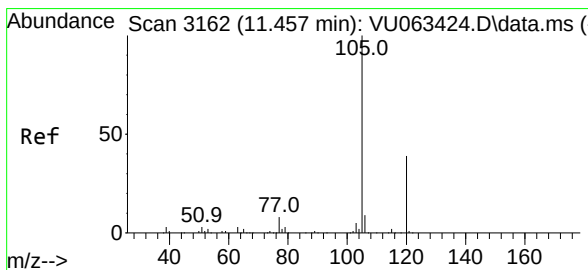
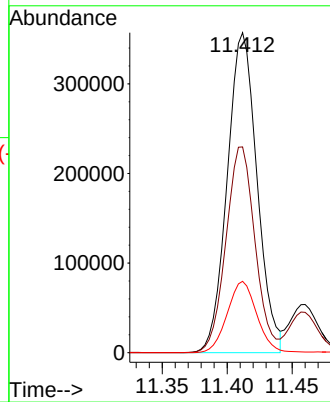
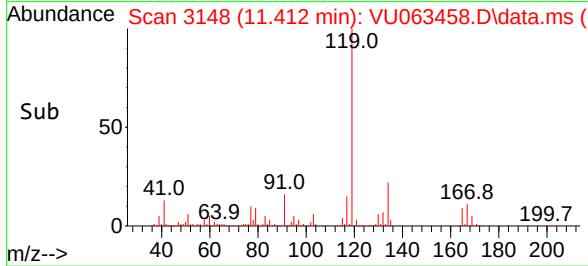
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 571638
Ion Ratio Lower Upper
119 100
91 62.3 30.9 92.7
134 22.1 17.9 26.9

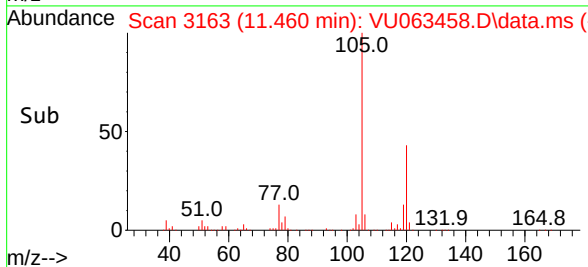
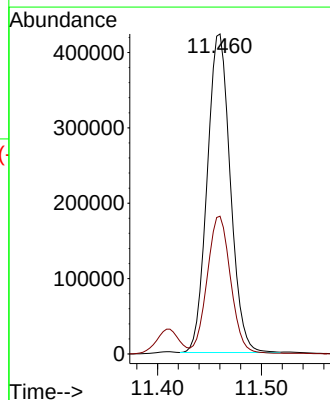
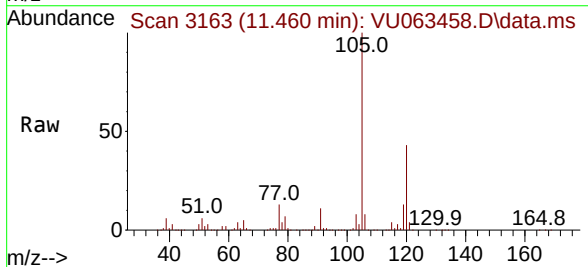
Manual Integrations
APPROVED

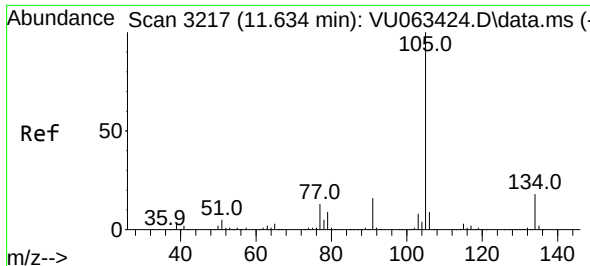
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#78
1,2,4-Trimethylbenzene
Concen: 9.681 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

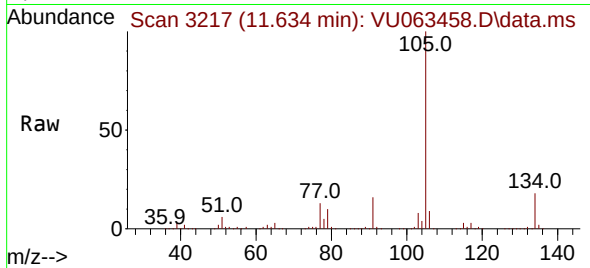
Tgt Ion:105 Resp: 652857
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 11.370 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31

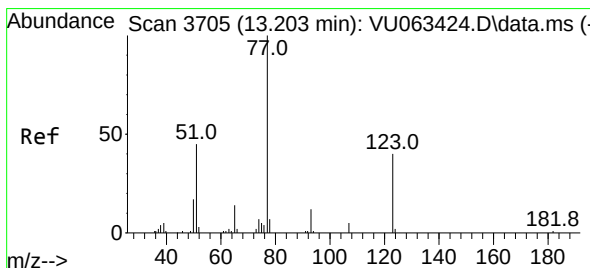
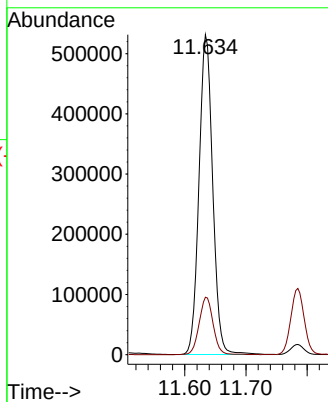
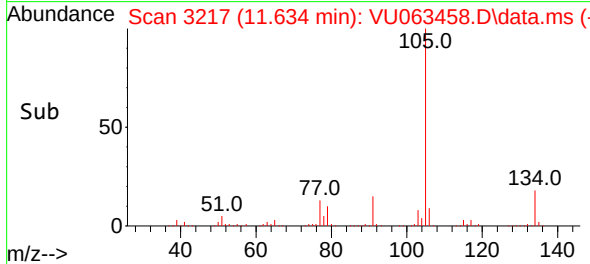
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



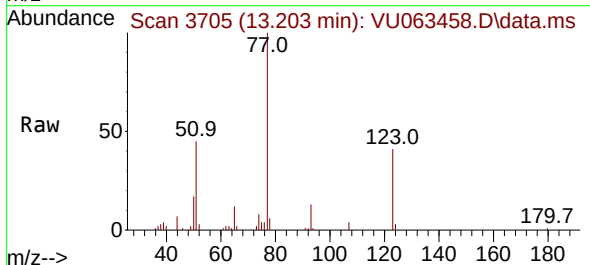
Tgt Ion:105 Resp: 826038
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2

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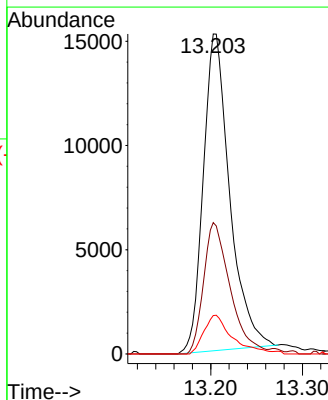
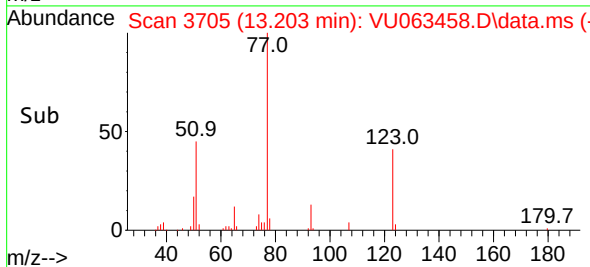
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

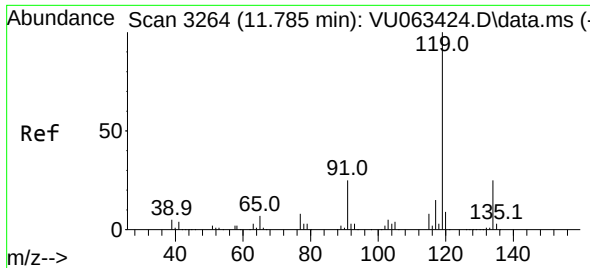


#80
 Nitrobenzene
 Concen: 40.118 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063458.D
 Acq: 25 Jun 2025 14:31



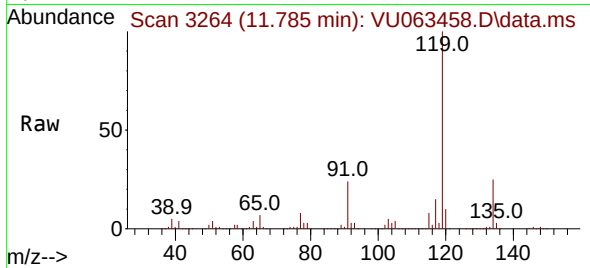
Tgt Ion: 77 Resp: 30441
 Ion Ratio Lower Upper
 77 100
 123 39.8 19.6 69.6
 65 12.1 10.6 13.4





#81
p-Isopropyltoluene
Concen: 9.693 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

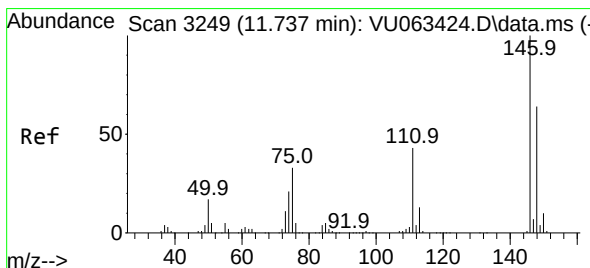
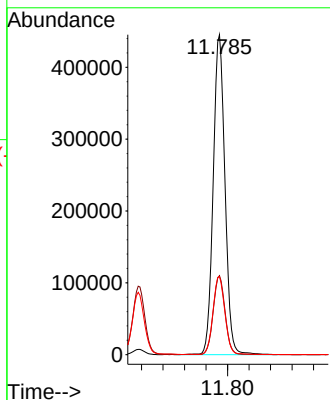
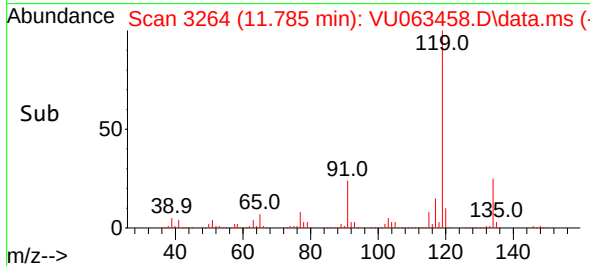
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



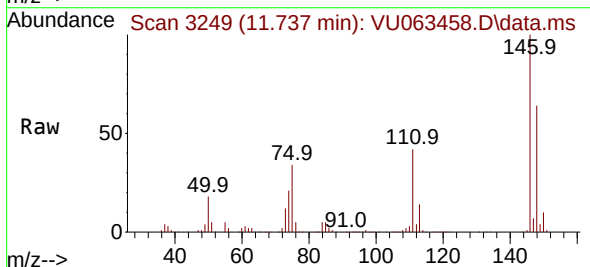
Tgt Ion:119 Resp: 67618
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.2
91 24.4 19.7 29.5

Manual Integrations
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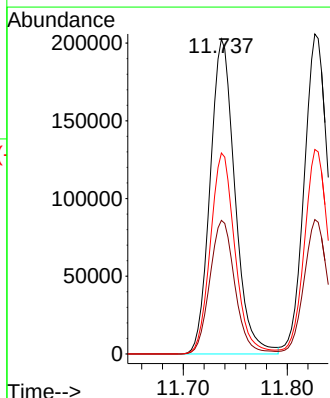
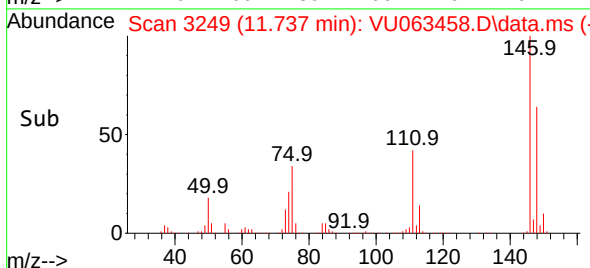
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

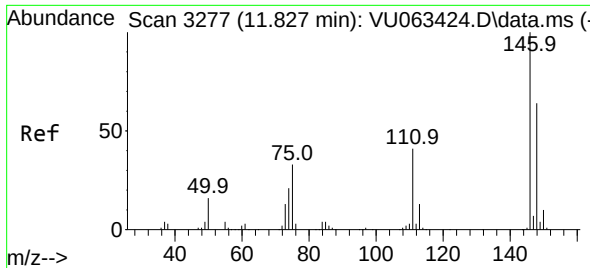


#82
1,3-Dichlorobenzene
Concen: 10.355 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



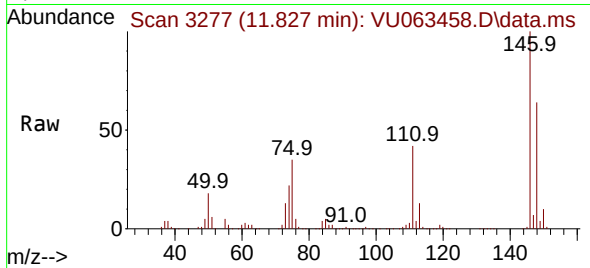
Tgt Ion:146 Resp: 336151
Ion Ratio Lower Upper
146 100
111 42.9 34.3 51.5
148 63.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.385 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

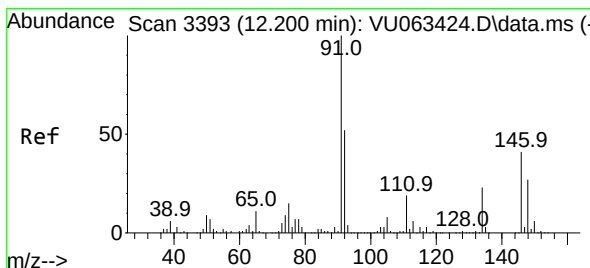
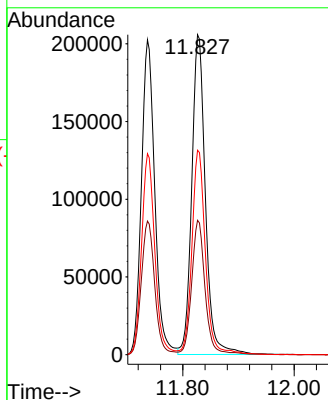
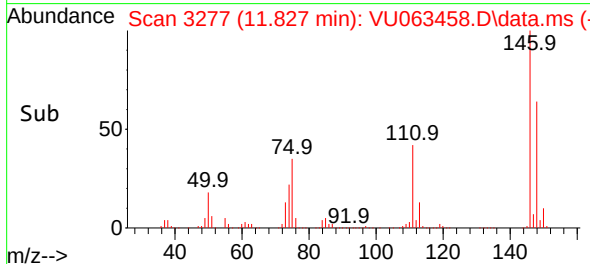
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



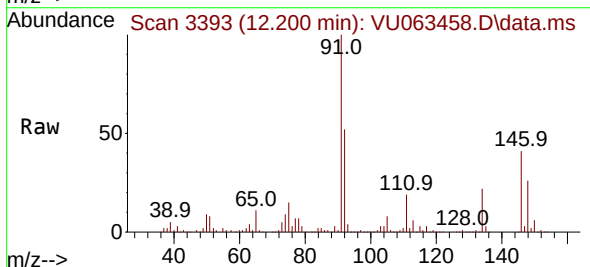
Tgt Ion:146 Resp: 349780
Ion Ratio Lower Upper
146 100
111 40.9 31.7 47.5
148 63.7 51.4 77.0

Manual Integrations
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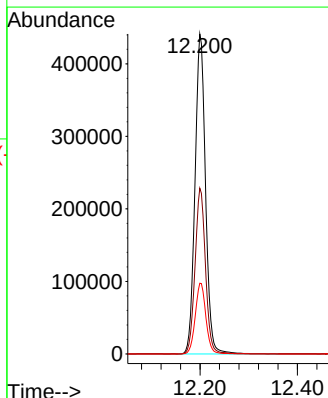
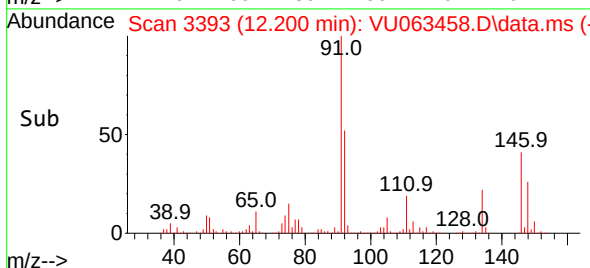
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

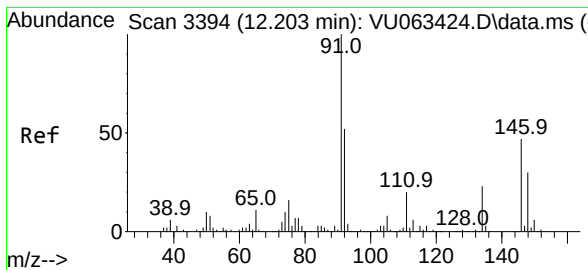


#84
n-Butylbenzene
Concen: 11.140 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



Tgt Ion: 91 Resp: 662507
Ion Ratio Lower Upper
91 100
92 51.6 41.0 61.6
134 22.4 18.5 27.7





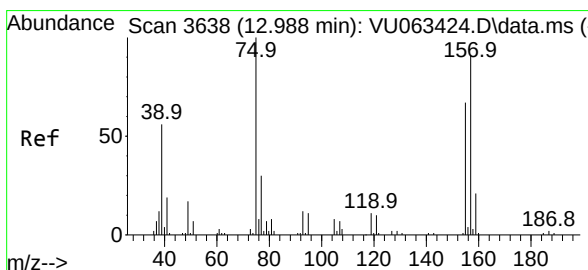
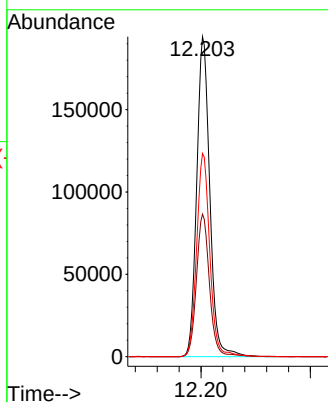
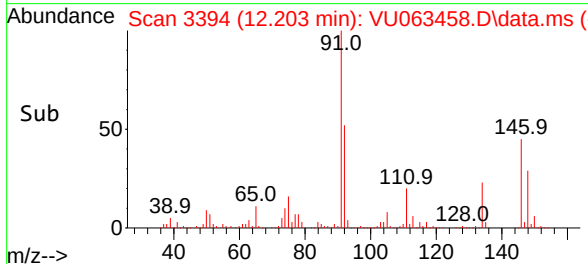
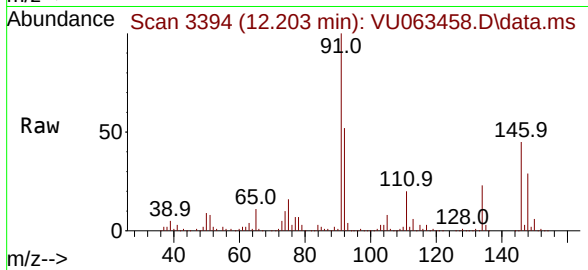
#85
1,2-Dichlorobenzene
Concen: 10.358 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 321792
Ion Ratio Lower Upper
146 100
111 44.6 21.8 65.4
148 63.9 32.3 96.9

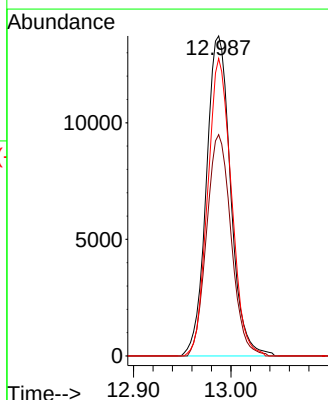
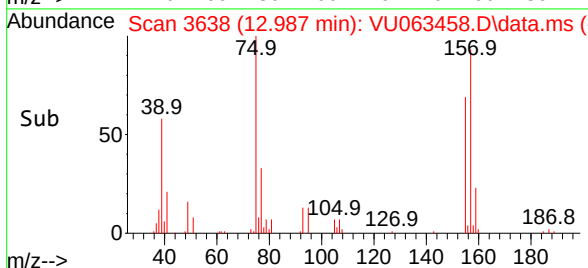
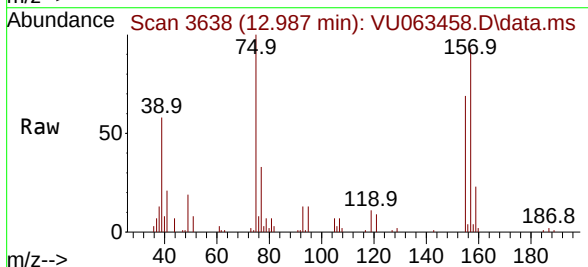
Manual Integrations
APPROVED

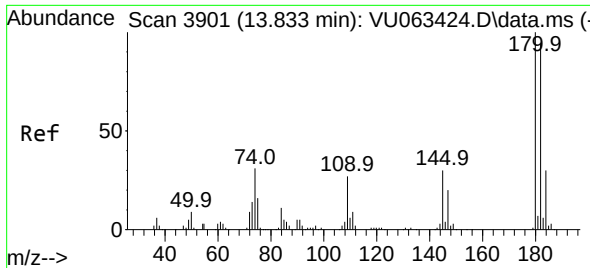
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.637 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

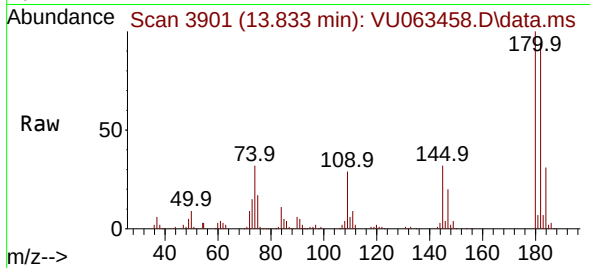
Tgt Ion: 75 Resp: 23749
Ion Ratio Lower Upper
75 100
155 69.8 59.7 89.5
157 90.7 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 9.884 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

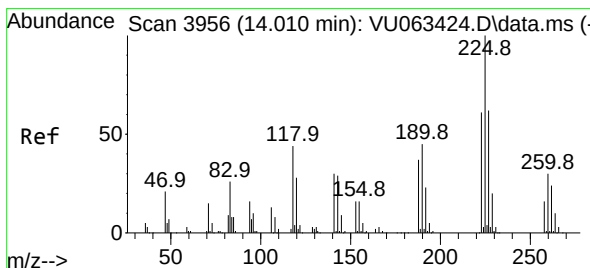
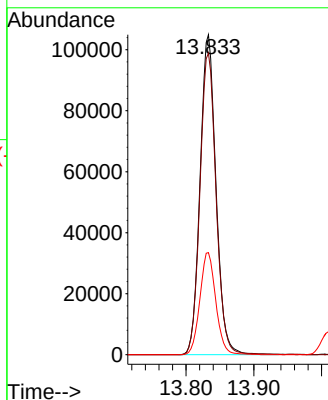
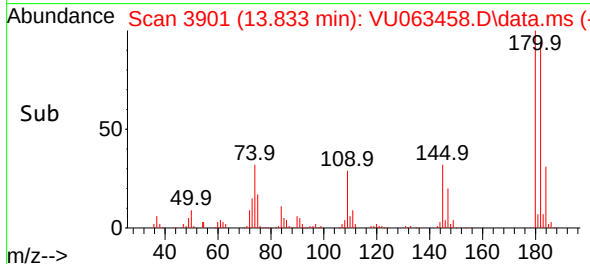
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



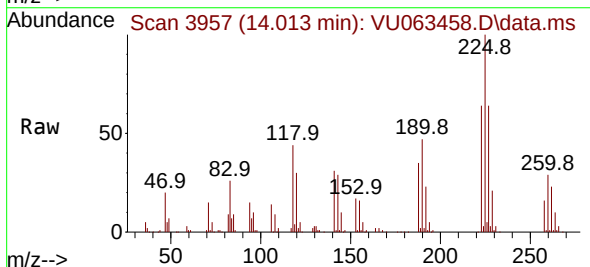
Tgt Ion:180 Resp: 17121
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 31.9 24.6 36.8

Manual Integrations
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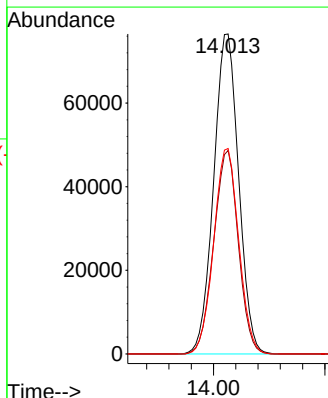
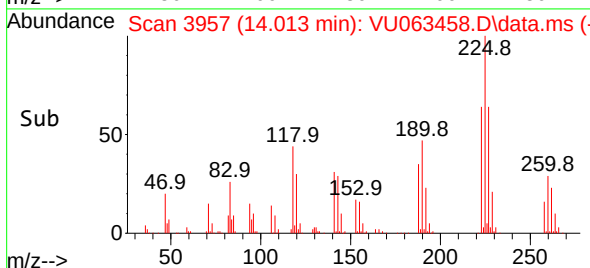
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

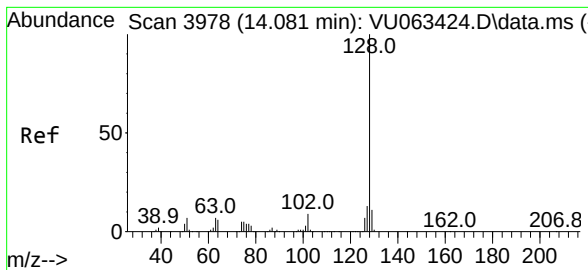


#88
Hexachlorobutadiene
Concen: 9.698 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31



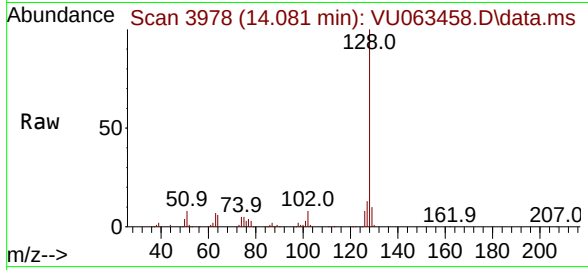
Tgt Ion:225 Resp: 119109
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 64.2 51.5 77.3





#89
Naphthalene
Concen: 8.298 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

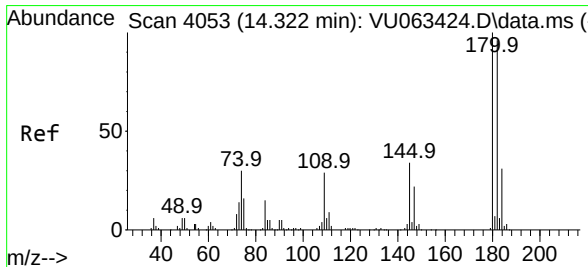
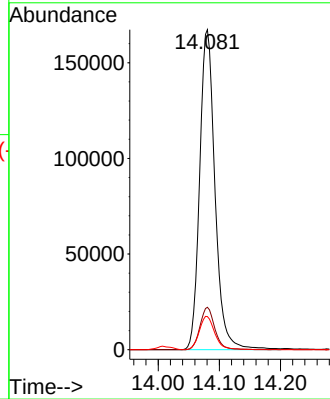
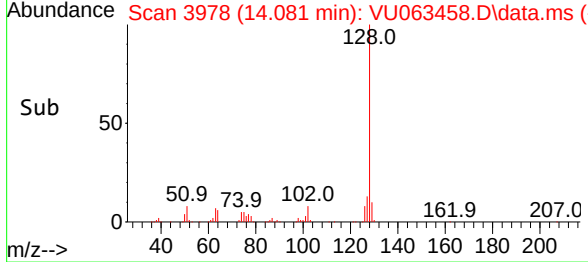
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 291990
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.6 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#90
1,2,3-Trichlorobenzene
Concen: 10.266 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063458.D
Acq: 25 Jun 2025 14:31

Tgt Ion:180 Resp: 176824
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
145 33.7 27.4 41.2

