

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063436.D
 Acq On : 24 Jun 2025 13:49
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 06:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	54903	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	21040	1.044	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	19922	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	198122	9.395	ug/l	99
3) Chloromethane	1.518	50	212552	7.651	ug/l	100
4) Vinyl Chloride	1.595	62	182792	7.684	ug/l	100
5) Bromomethane	1.843	94	98456	8.639	ug/l	99
6) Chloroethane	1.923	64	99310	7.049	ug/l	100
7) Trichlorofluoromethane	2.126	101	229257	8.452	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	140240	9.705	ug/l	98
9) 1,1-Dichloroethene	2.563	96	139413	9.670	ug/l	99
10) Iodomethane	2.705	142	117087	10.062	ug/l	98
11) Allyl Chloride	2.907	41	251004	9.775	ug/l	96
12) Acrylonitrile	3.306	53	79389	19.060	ug/l	94
13) Acetone	2.618	43	214517	50.382	ug/l	99
14) Carbon Disulfide	2.776	76	477379	9.496	ug/l	99
15) Methylene Chloride	3.026	84	169265	9.263	ug/l	99
16) trans-1,2-Dichloroethene	3.332	96	157374	9.702	ug/l	97
17) 1,1-Dichloroethane	3.846	63	333750	9.799	ug/l	100
18) 2-Butanone	4.714	43	294181	50.609	ug/l	99
19) Cyclohexane	5.357	56	258196	10.020	ug/l	99
20) Methylcyclohexane	6.746	83	252203	10.542	ug/l	98
21) 2,2-Dichloropropane	4.640	77	245644	10.147	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	173471	9.798	ug/l	96
23) Diethyl Ether	2.367	59	106507	8.188	ug/l	92
24) tert-Butyl Alcohol	3.197	59	132522	96.712	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	390527	9.960	ug/l	98
26) Bromochloromethane	4.952	128	65861	9.557	ug/l	100
27) Chloroform	5.068	83	307128	9.619	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	257995	9.965	ug/l	99
29) 1,1-Dichloropropene	5.502	75	238772	10.096	ug/l	98
30) Carbon Tetrachloride	5.499	117	210482	10.179	ug/l	99
31) Isopropyl Ether	3.994	45	529620	9.954	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	442264	9.807	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	335701	10.399	ug/l	98
34) Propionitrile	4.775	54	79233	47.122	ug/l	99
35) Benzene	5.756	78	722270	10.095	ug/l	100
36) 1,2-Dichloroethane	5.782	62	200712	9.597	ug/l	99
37) Trichloroethene	6.528	130	168187	9.948	ug/l	98
38) 1,2-Dichloropropane	6.782	63	206610	10.456	ug/l	99
39) Methacrylonitrile	4.972	41	63783	9.118	ug/l	98
40) Methyl acrylate	4.849	55	97544	9.931	ug/l	99
41) Tetrahydrofuran	5.062	42	63896	16.978	ug/l	96
42) 1-Chlorobutane	5.438	56	339873	10.130	ug/l	96
43) Dibromomethane	6.907	93	91966	9.964	ug/l	98
44) Bromodichloromethane	7.097	83	220899	9.825	ug/l	99

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Instrument :
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	513834	51.858	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	49933m	15.331	ug/l	
47) Methyl methacrylate	6.965	69	163101	18.620	ug/l	98
48) Ethyl methacrylate	8.332	69	144181	9.330	ug/l	99
49) Toluene	7.962	92	433951	11.048	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	186134	11.480	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	239891	11.015	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	132966	9.854	ug/l	99
53) 1,3-Dichloropropane	8.566	76	232364	10.009	ug/l	99
54) 2-Hexanone	8.685	43	365366	47.525	ug/l	100
55) Dibromochloromethane	8.801	129	142643	10.246	ug/l	100
56) 1,2-Dibromoethane	8.917	107	106677	9.752	ug/l	100
58) Tetrachloroethene	8.544	164	162328	9.787	ug/l	98
59) Chlorobenzene	9.441	112	434426	10.331	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	148773	9.829	ug/l	97
61) Pentachloroethane	11.418	117	120415	9.765	ug/l	98
62) Hexachloroethane	12.466	117	113041	10.193	ug/l	97
63) Ethyl Benzene	9.563	91	758576	11.253	ug/l	99
64) m/p-Xylenes	9.685	106	611869	19.232	ug/l	100
65) o-Xylene	10.094	106	287242	11.216	ug/l	99
66) Styrene	10.106	104	495252	9.687	ug/l	99
67) Bromoform	10.283	173	76279	10.028	ug/l	99
69) Isopropylbenzene	10.476	105	665214	11.212	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	169613	9.827	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	143242m	10.161	ug/l	
72) Bromobenzene	10.775	156	175153	10.517	ug/l	98
73) n-propylbenzene	10.897	120	203790	9.492	ug/l	100
74) 2-Chlorotoluene	10.978	126	182463	11.084	ug/l	96
75) 1,3,5-Trimethylbenzene	11.077	105	684744	9.706	ug/l	100
76) 4-Chlorotoluene	11.090	126	198305	11.500	ug/l	100
77) tert-Butylbenzene	11.412	119	608219	11.157	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	691015	9.643	ug/l	98
79) sec-Butylbenzene	11.634	105	874135	11.322	ug/l	100
80) Nitrobenzene	13.203	77	32843	40.704	ug/l #	99
81) p-Isopropyltoluene	11.785	119	716018	9.660	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	353914	10.258	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	367264	10.260	ug/l	98
84) n-Butylbenzene	12.200	91	703738	11.135	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	340272	10.306	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	23218	9.785	ug/l	99
87) 1,2,4-Trichlorobenzene	13.833	180	186907	10.153	ug/l	100
88) Hexachlorobutadiene	14.013	225	127437	9.764	ug/l	100
89) Naphthalene	14.077	128	311501	8.326	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	188366	10.291	ug/l	99

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

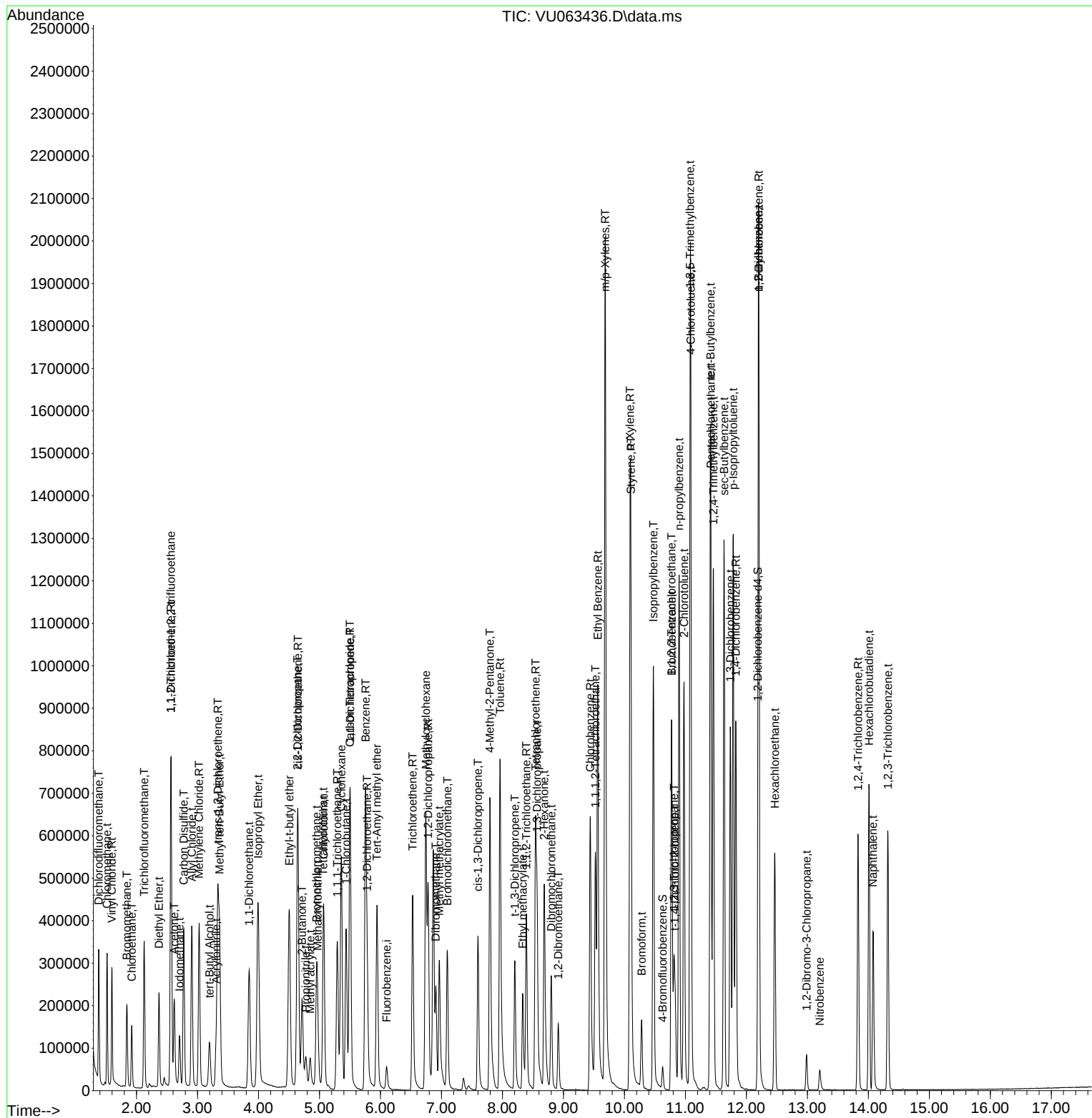
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
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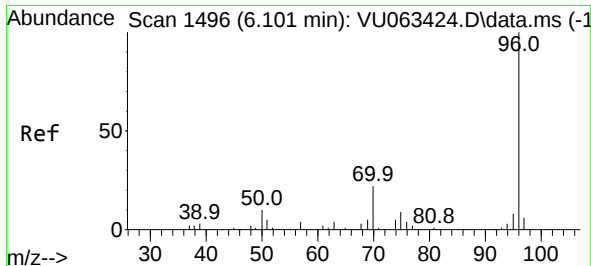
Instrument :
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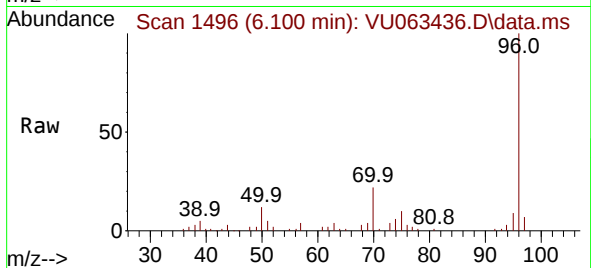
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

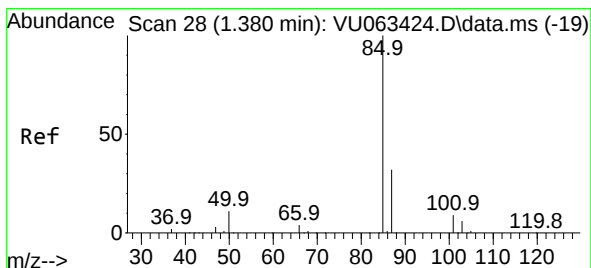
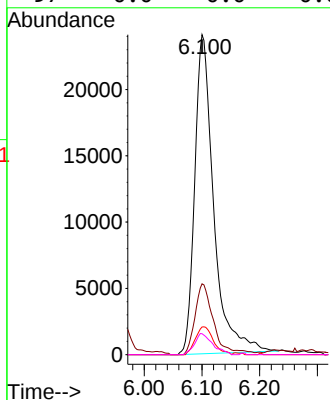
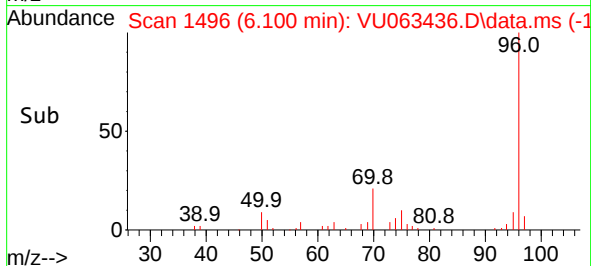
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 5490
Ion Ratio Lower Upper
96 100
70 20.7 16.4 24.6
95 8.2 6.2 9.2
97 0.0 0.0 0.0

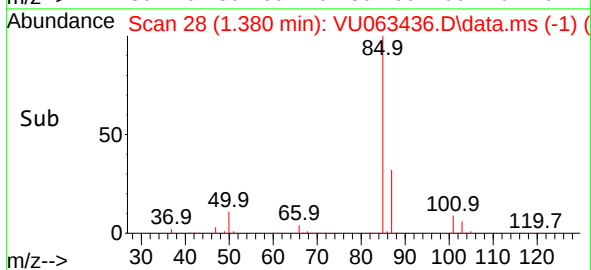
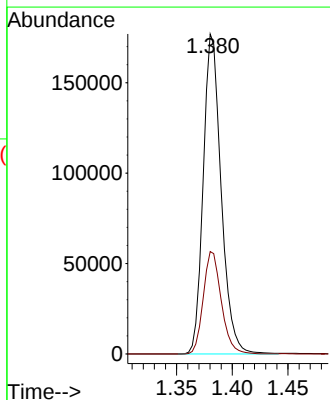
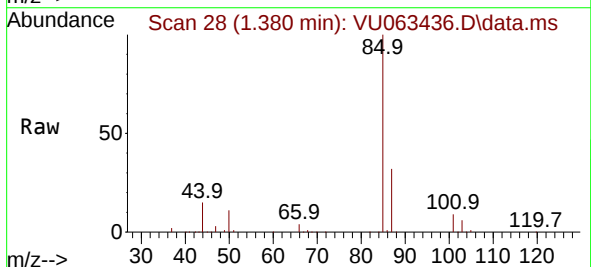
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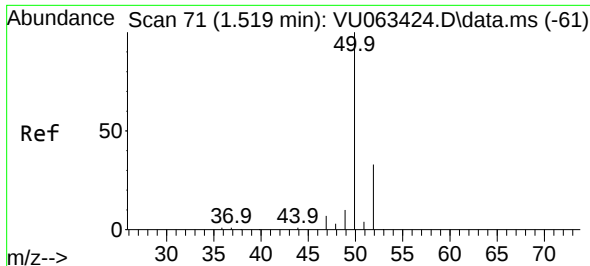
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 9.395 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

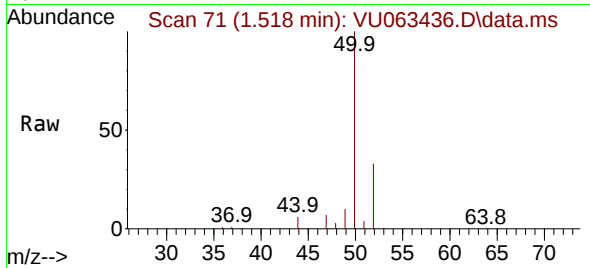
Tgt Ion: 85 Resp: 198122
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.5





#3
Chloromethane
Concen: 7.651 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

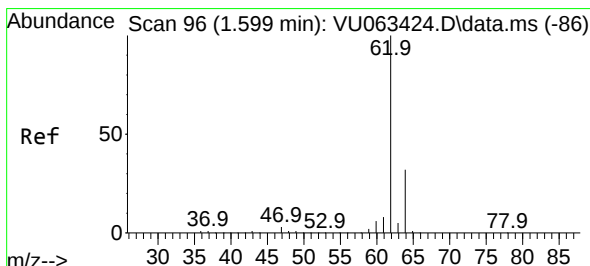
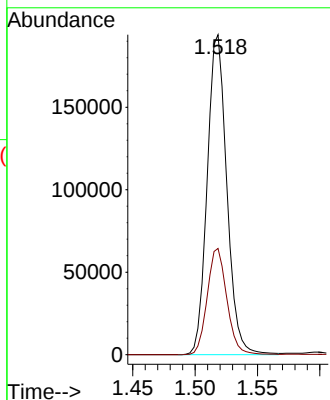
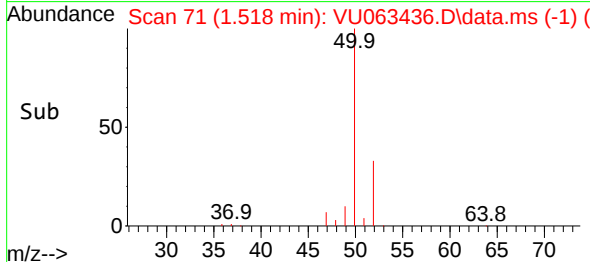
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 212552
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

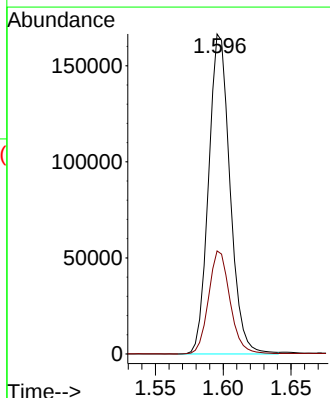
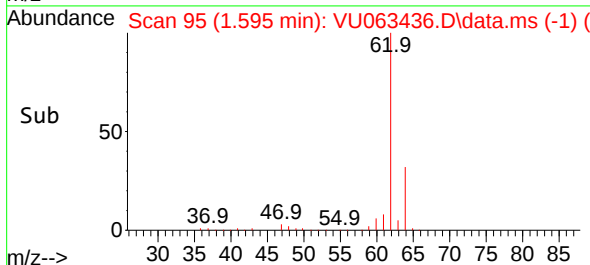
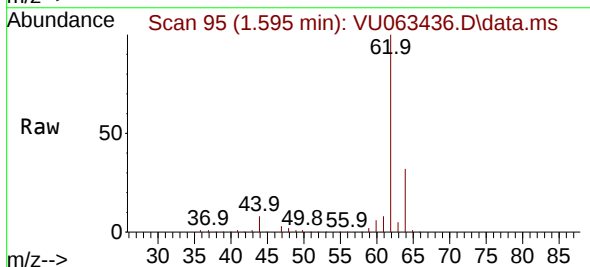
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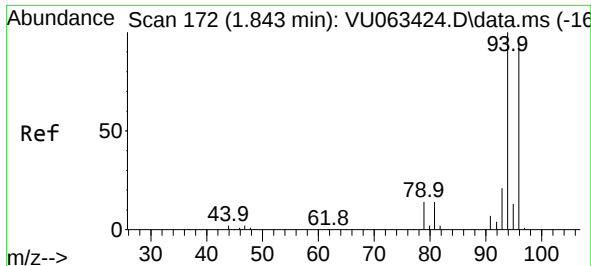
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 7.684 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

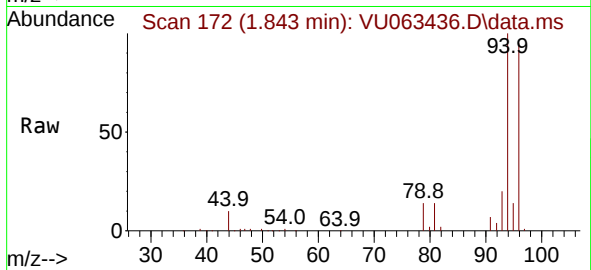
Tgt Ion: 62 Resp: 182792
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5
Bromomethane
Concen: 8.639 ug/l
RT: 1.843 min Scan# 172
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

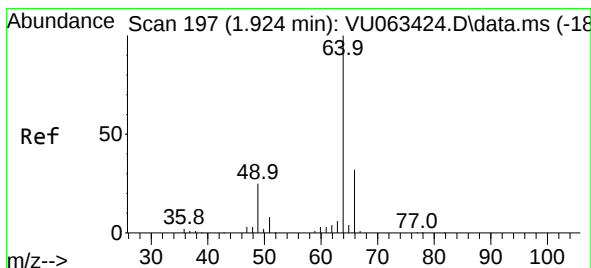
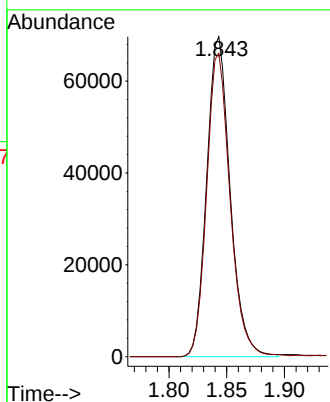
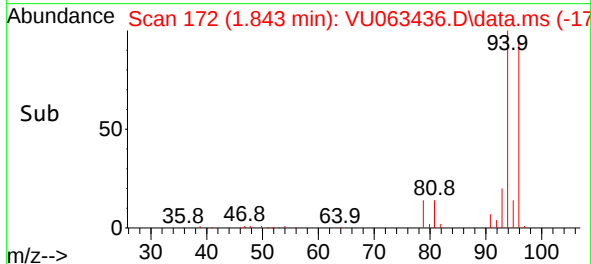
Instrument :
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ClientSampleId :
VSTDCCC010EC



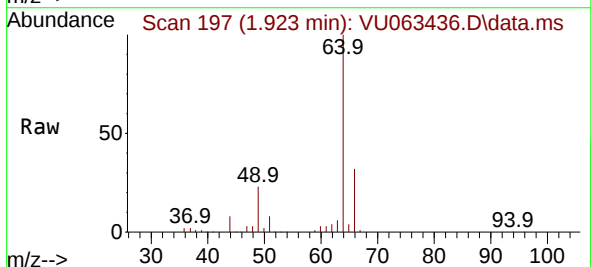
Tgt Ion: 94 Resp: 98450
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2

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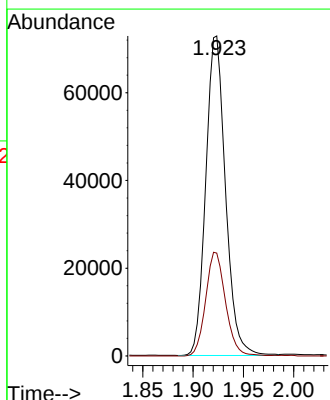
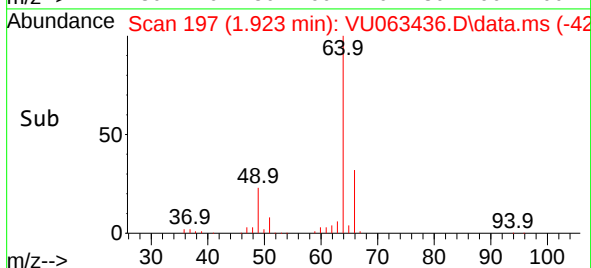
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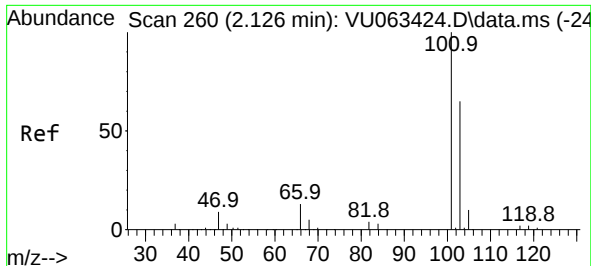


#6
Chloroethane
Concen: 7.049 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



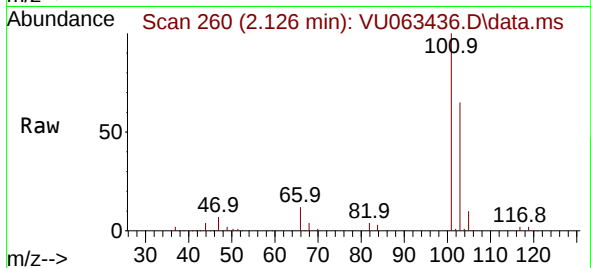
Tgt Ion: 64 Resp: 99310
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 8.452 ug/l
RT: 2.126 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

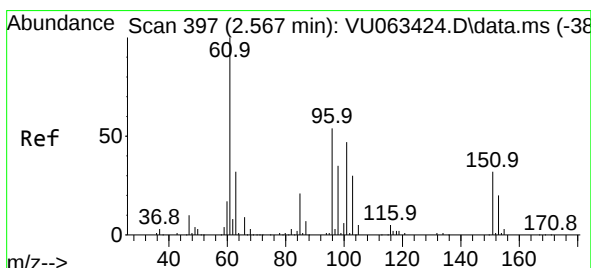
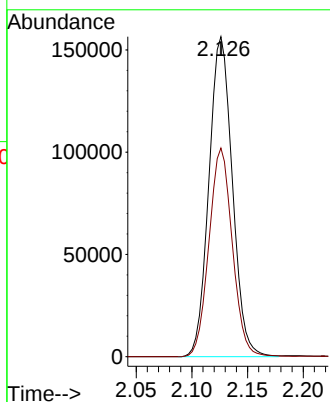
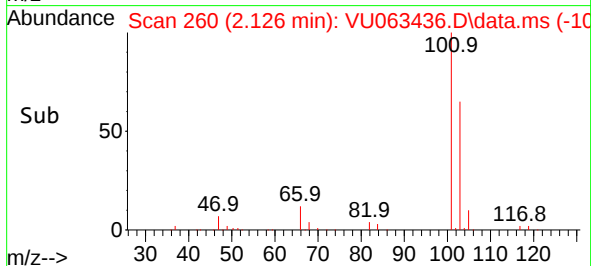
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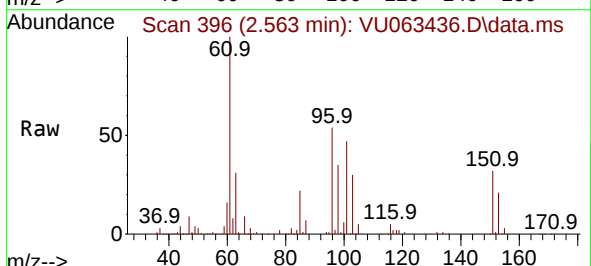
Tgt Ion:101 Resp: 22925
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

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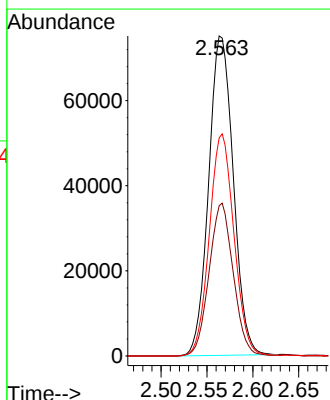
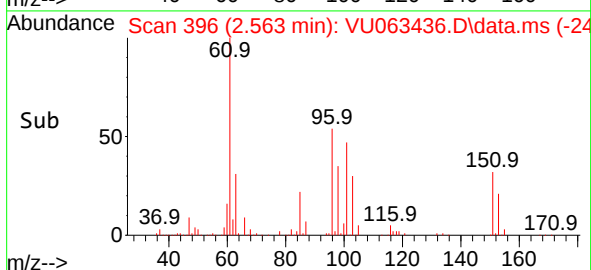
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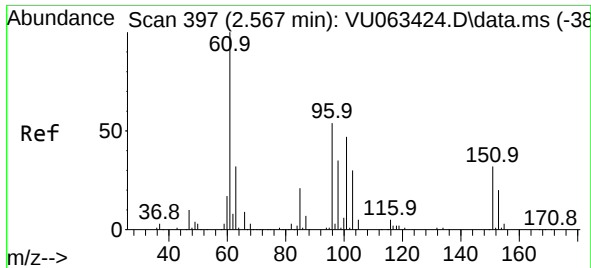


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.705 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.004 min
Lab File: VU063436.D
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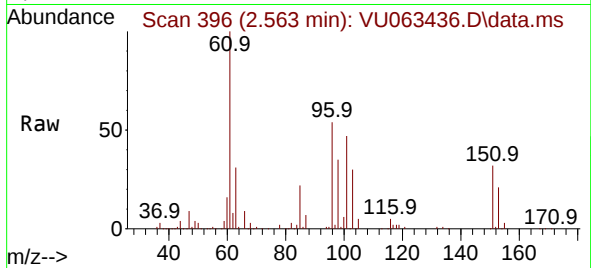
Tgt Ion:101 Resp: 140240
Ion Ratio Lower Upper
101 100
85 46.5 36.7 55.1
151 69.5 53.9 80.9





#9
1,1-Dichloroethene
Concen: 9.670 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.004 min
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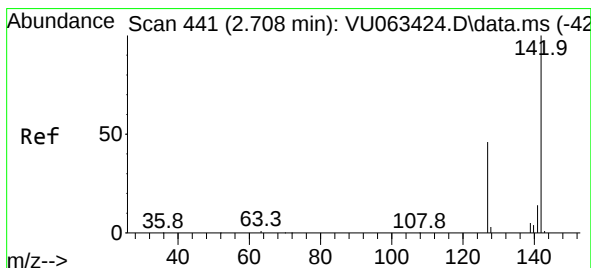
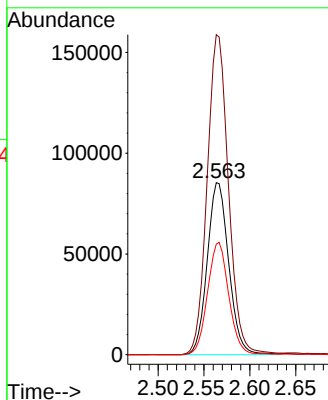
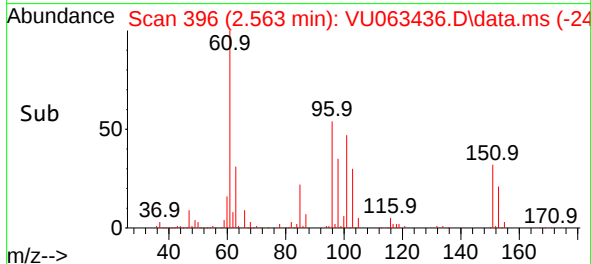
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ClientSampleId :
VSTDCCC010EC



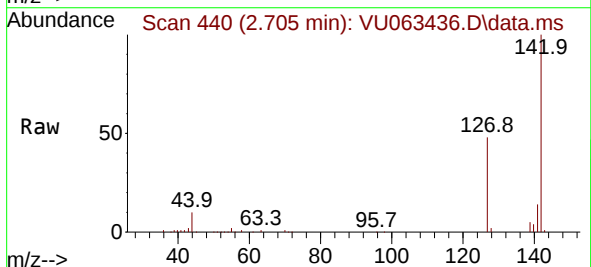
Tgt Ion: 96 Resp: 13941
Ion Ratio Lower Upper
96 100
61 186.1 0.0 552.0
98 64.3 0.0 128.4

Manual Integrations
APPROVED

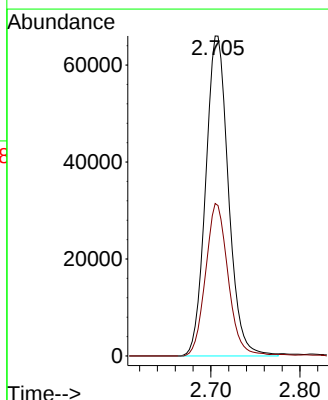
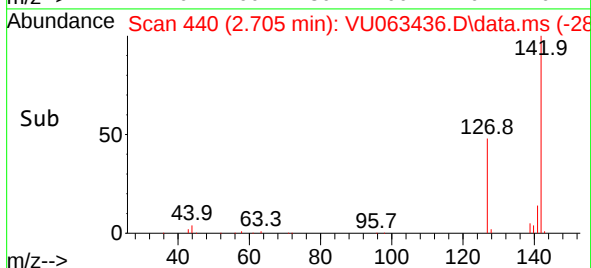
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

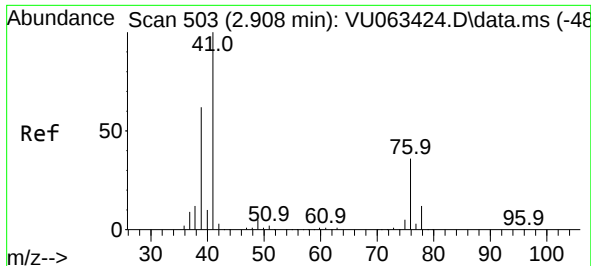


#10
Iodomethane
Concen: 10.062 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



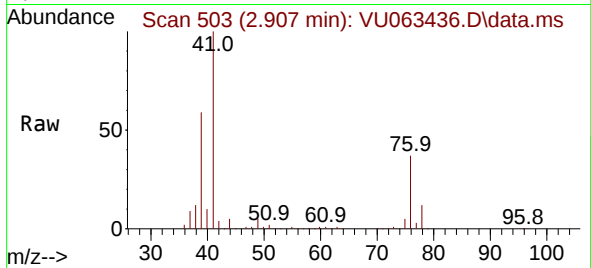
Tgt Ion:142 Resp: 117087
Ion Ratio Lower Upper
142 100
127 47.2 36.9 55.3





#11
 Allyl Chloride
 Concen: 9.775 ug/l
 RT: 2.907 min Scan# 50
 Delta R.T. -0.001 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

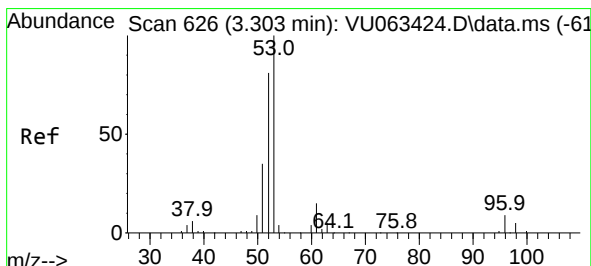
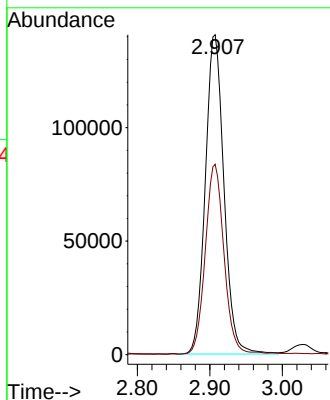
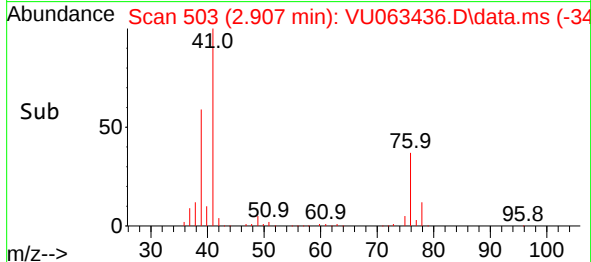
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



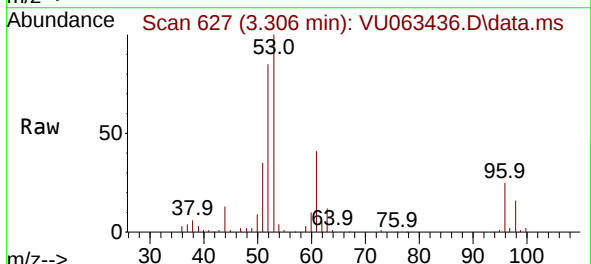
Tgt Ion: 41 Resp: 251004
 Ion Ratio Lower Upper
 41 100
 39 59.6 50.3 75.5

Manual Integrations
 APPROVED

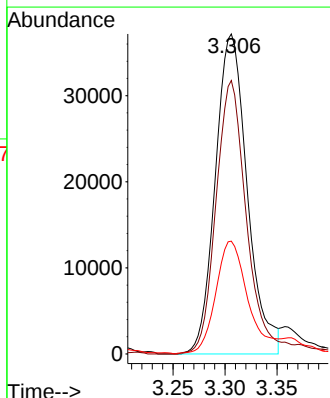
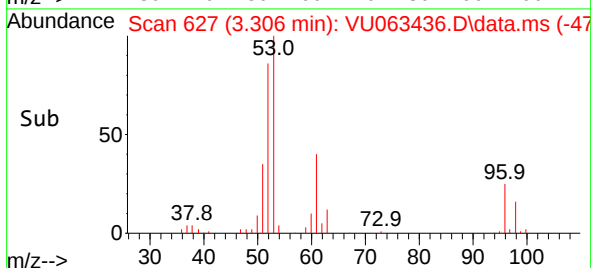
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

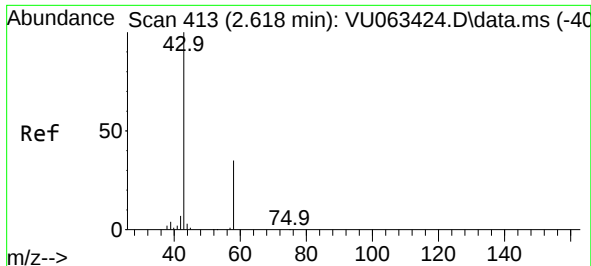


#12
 Acrylonitrile
 Concen: 19.060 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49



Tgt Ion: 53 Resp: 79389
 Ion Ratio Lower Upper
 53 100
 52 84.2 62.8 94.2
 51 35.9 26.2 39.4





#13

Acetone

Concen: 50.382 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 21451

Ion Ratio Lower Upper

43 100

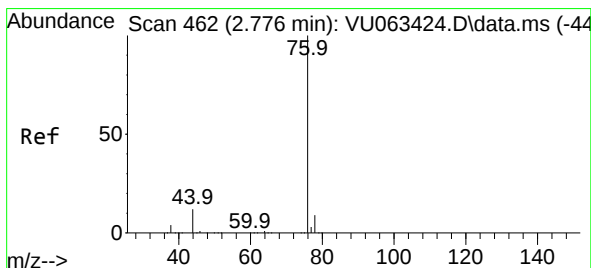
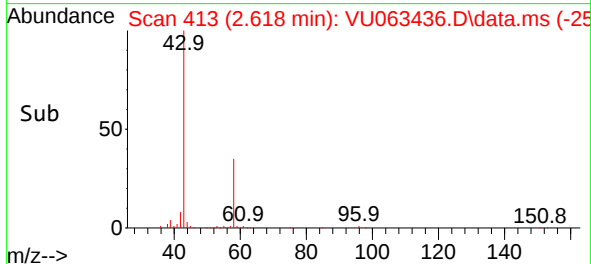
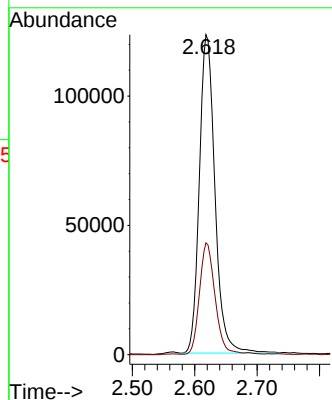
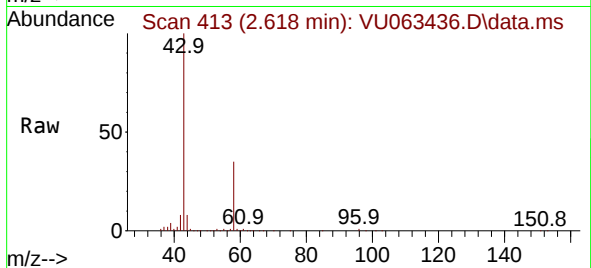
58 34.9 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 9.496 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063436.D

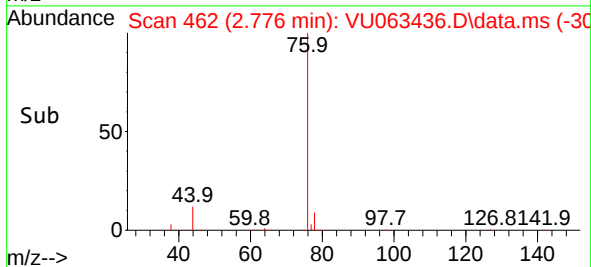
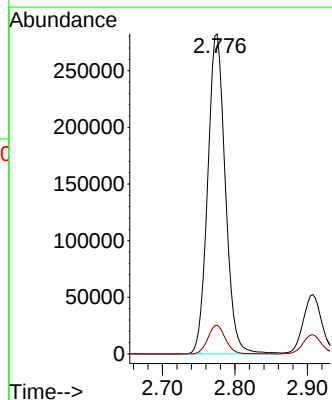
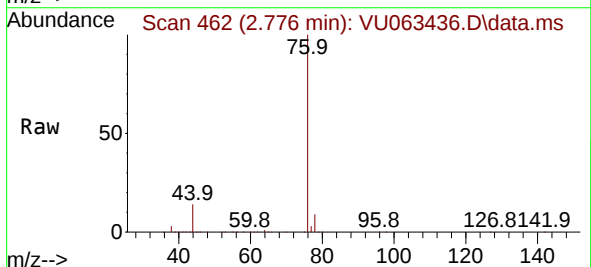
Acq: 24 Jun 2025 13:49

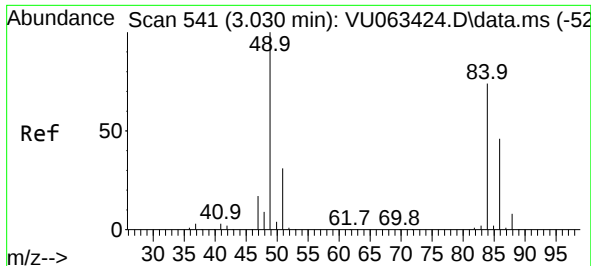
Tgt Ion: 76 Resp: 477379

Ion Ratio Lower Upper

76 100

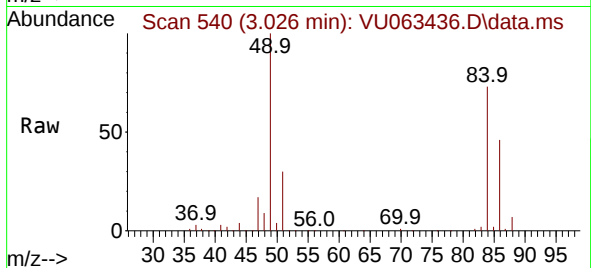
78 9.0 6.9 10.3





#15
Methylene Chloride
Concen: 9.263 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

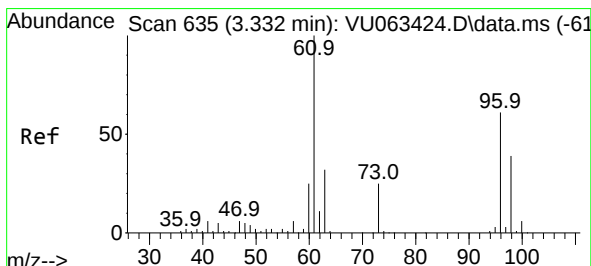
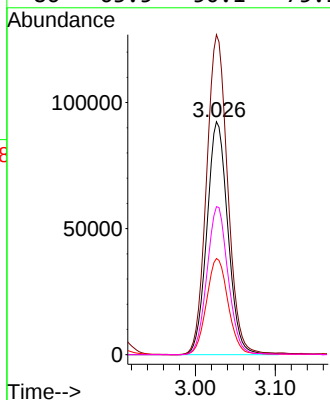
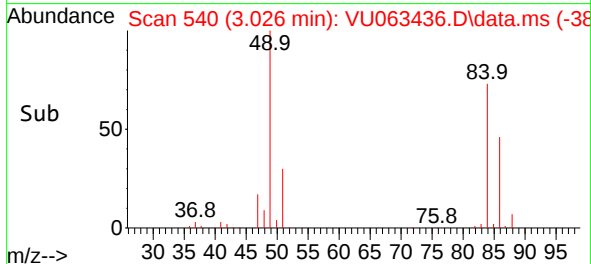
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 16926
Ion Ratio Lower Upper
84 100
49 137.3 108.7 163.1
51 41.3 0.0 83.8
86 63.5 50.1 75.1

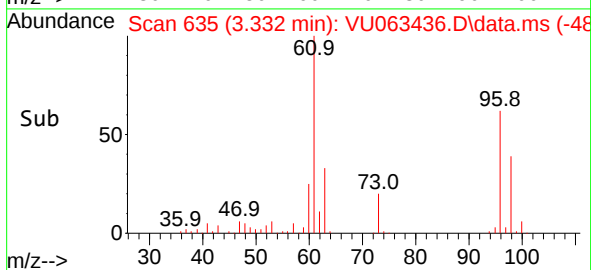
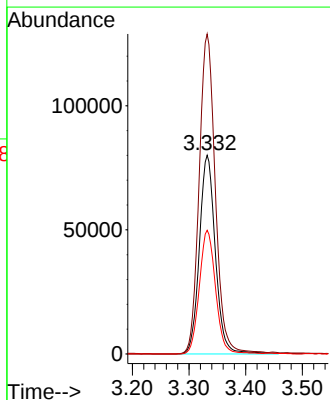
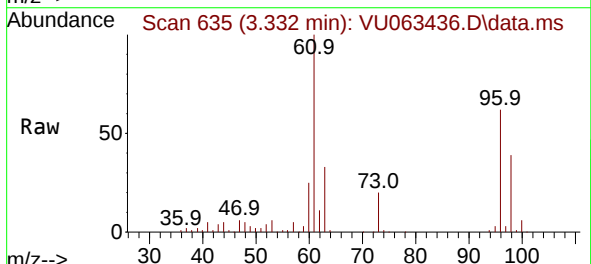
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#16
trans-1,2-Dichloroethene
Concen: 9.702 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion: 96 Resp: 157374
Ion Ratio Lower Upper
96 100
61 160.9 132.1 198.1
98 62.2 51.0 76.4





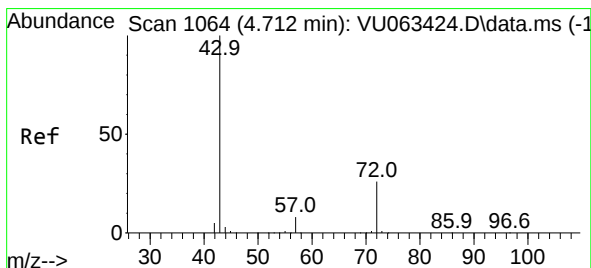
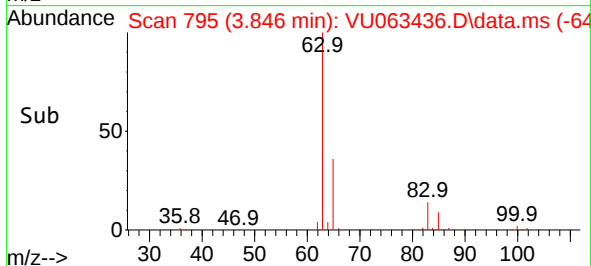
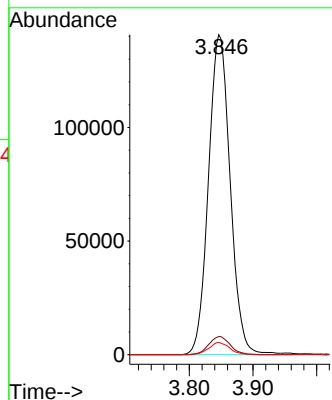
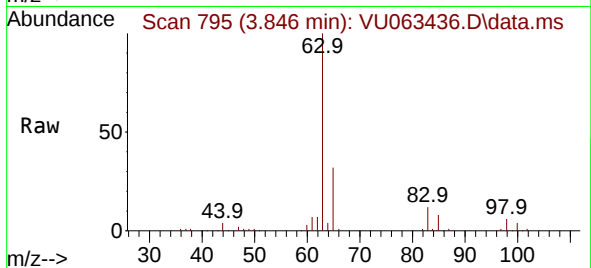
#17
1,1-Dichloroethane
Concen: 9.799 ug/l
RT: 3.846 min Scan# 795
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 333750
Ion Ratio Lower Upper
63 100
98 5.6 2.8 8.4
100 3.8 1.9 5.7

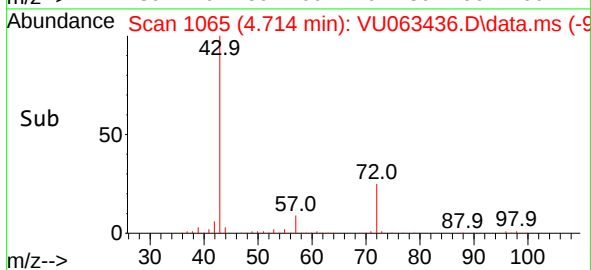
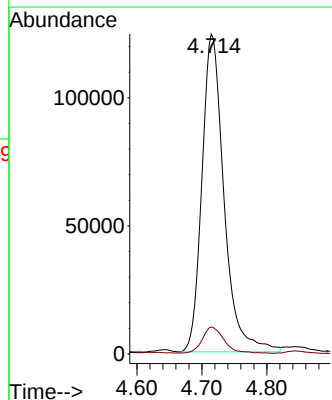
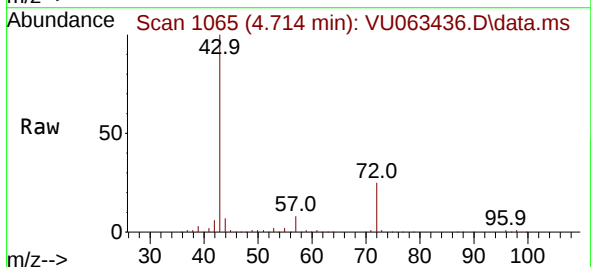
Manual Integrations
APPROVED

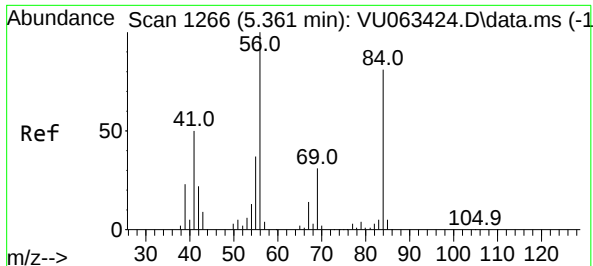
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 50.609 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion: 43 Resp: 294181
Ion Ratio Lower Upper
43 100
57 8.2 0.0 16.0





#19

Cyclohexane

Concen: 10.020 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

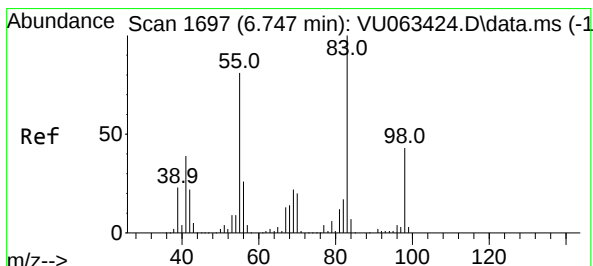
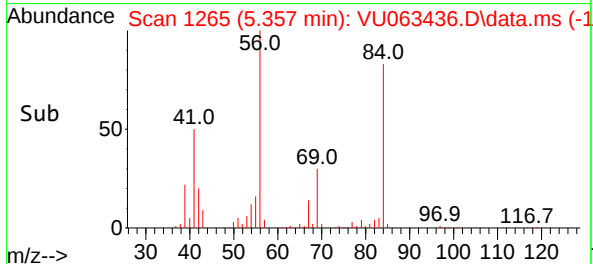
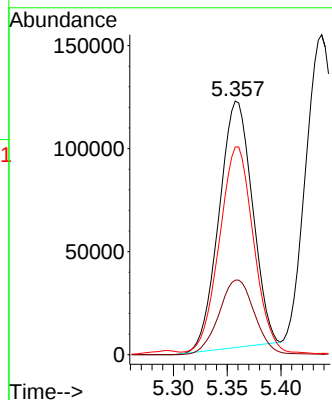
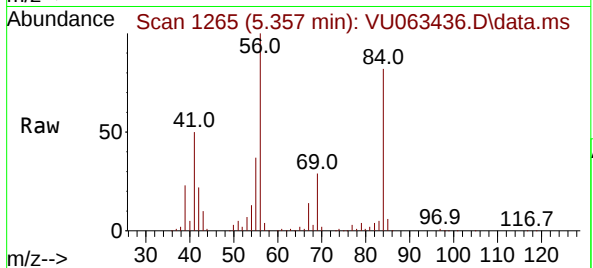
Tgt Ion: 56 Resp: 258190

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.4	39.6
84	85.2	68.6	102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 10.542 ug/l

RT: 6.746 min Scan# 1697

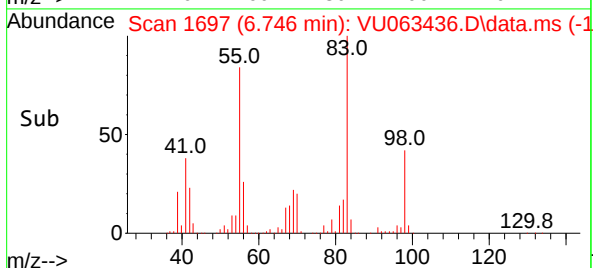
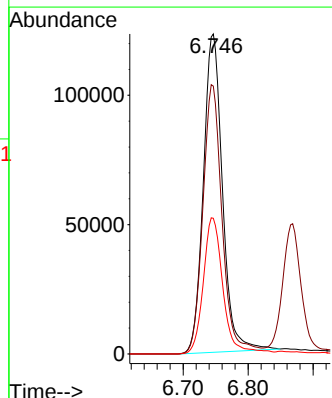
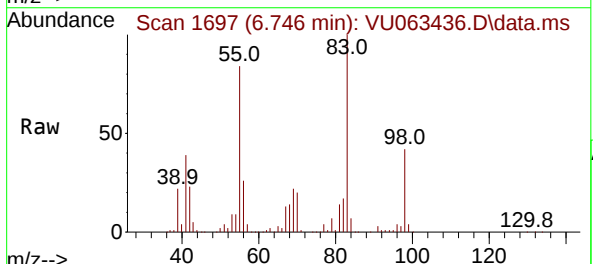
Delta R.T. -0.000 min

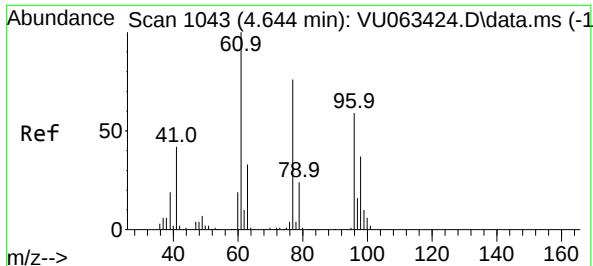
Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Tgt Ion: 83 Resp: 252203

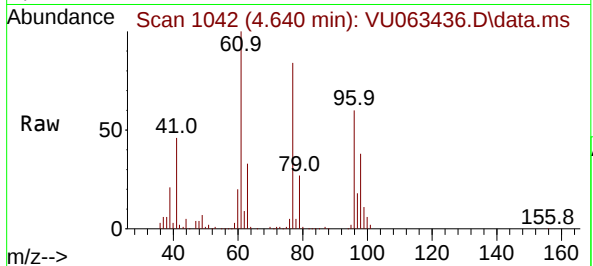
Ion	Ratio	Lower	Upper
83	100		
55	82.3	63.5	95.3
98	42.9	34.2	51.4





#21
2,2-Dichloropropane
Concen: 10.147 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

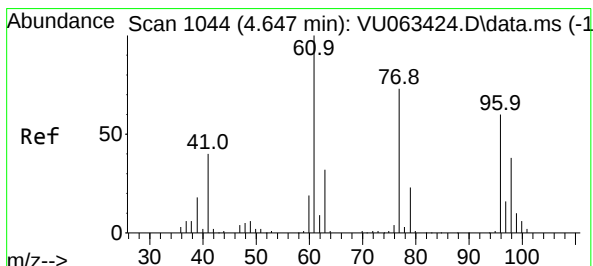
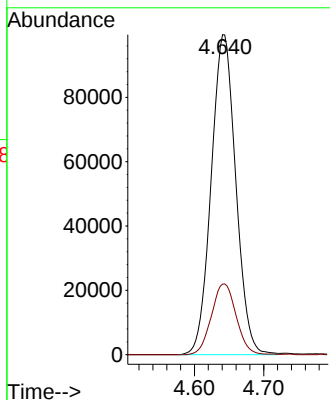
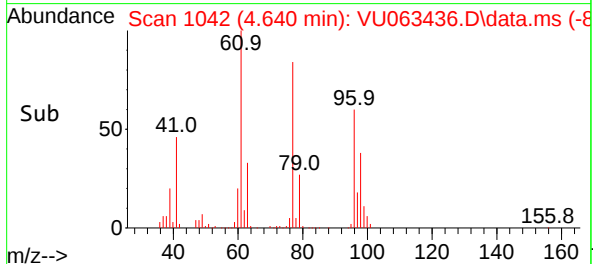
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



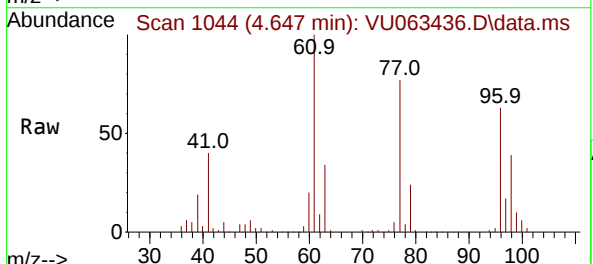
Tgt Ion: 77 Resp: 245644
Ion Ratio Lower Upper
77 100
97 22.2 17.2 25.8

Manual Integrations
APPROVED

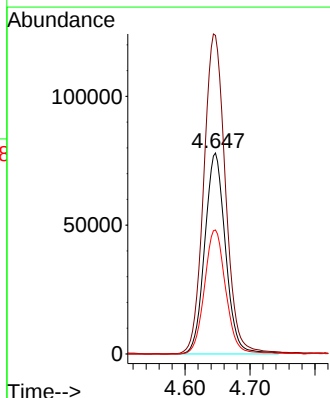
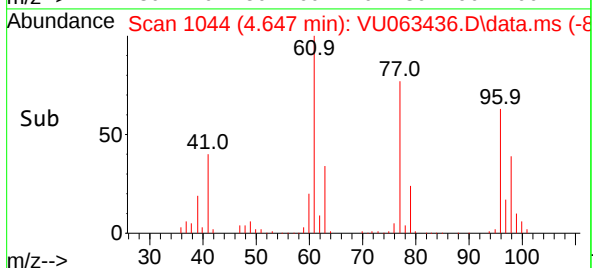
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

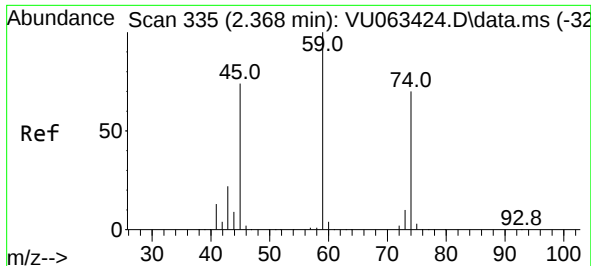


#22
cis-1,2-Dichloroethene
Concen: 9.798 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



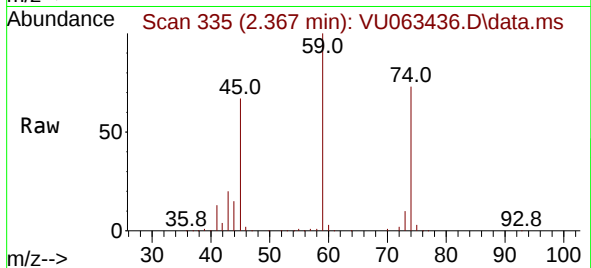
Tgt Ion: 96 Resp: 173471
Ion Ratio Lower Upper
96 100
61 166.1 0.0 434.3
98 63.2 31.9 95.7





#23
Diethyl Ether
Concen: 8.188 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

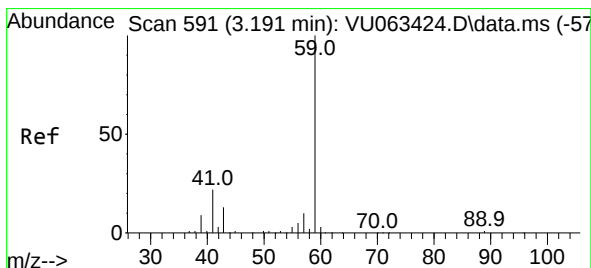
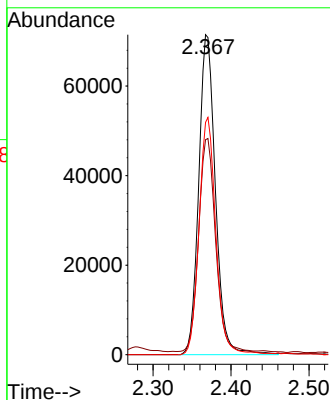
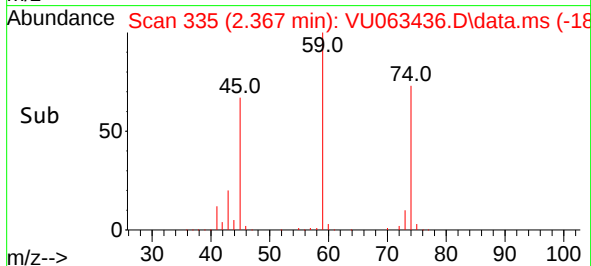
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 10650
Ion Ratio Lower Upper
59 100
45 68.0 60.7 91.1
74 74.6 55.8 83.6

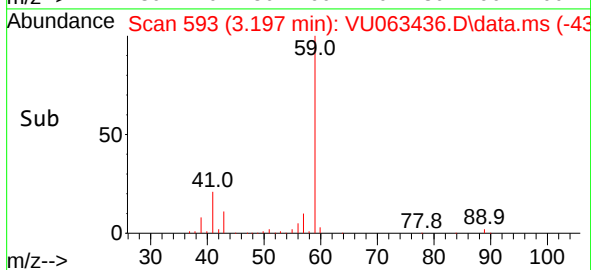
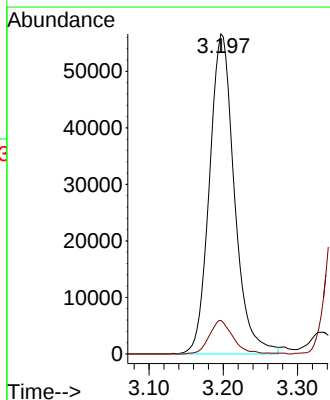
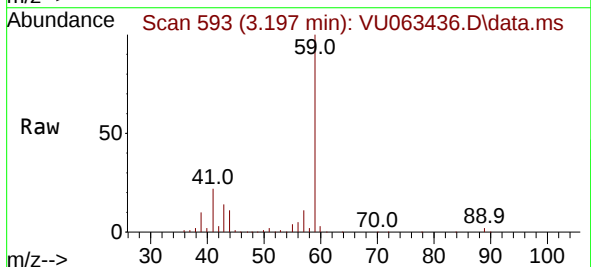
Manual Integrations
APPROVED

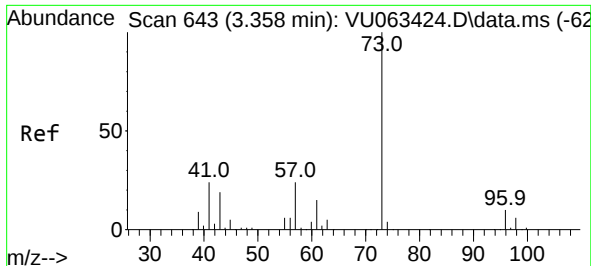
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 96.712 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

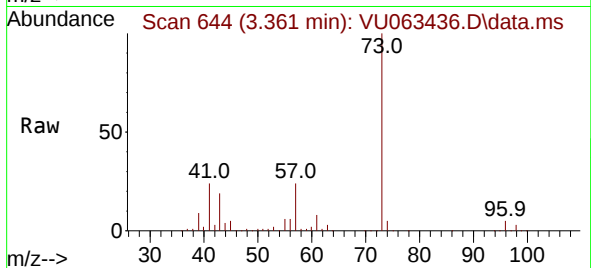
Tgt Ion: 59 Resp: 132522
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 9.960 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

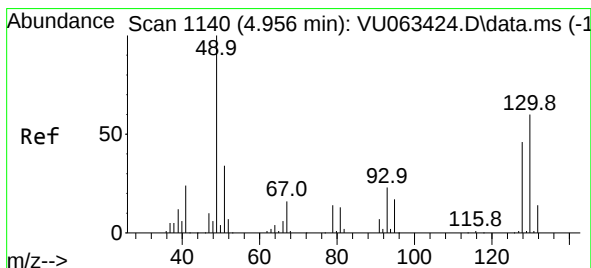
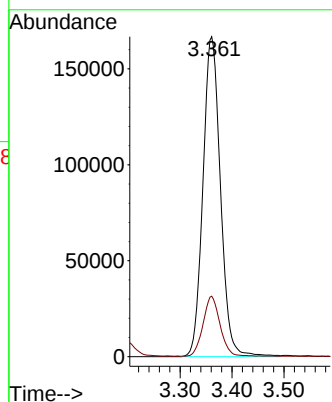
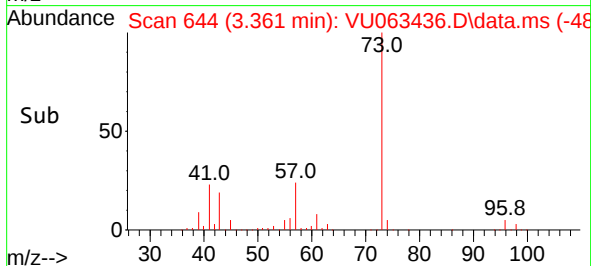
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 39052
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7

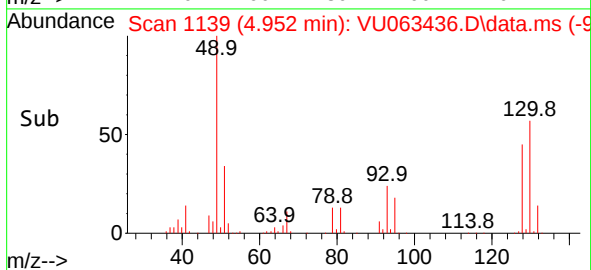
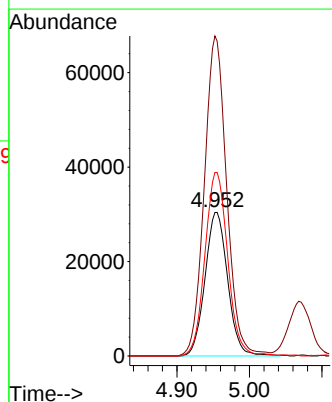
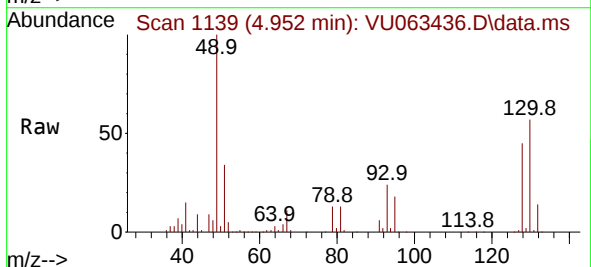
Manual Integrations
APPROVED

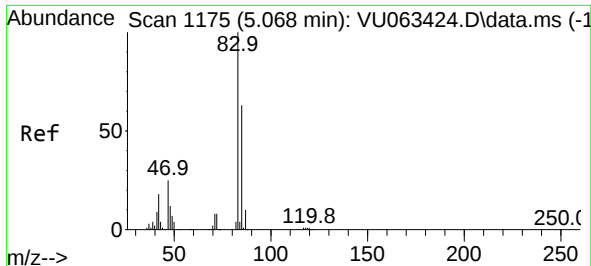
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 9.557 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:128 Resp: 65861
Ion Ratio Lower Upper
128 100
49 220.3 0.0 441.2
130 129.0 102.3 153.5





#27

Chloroform

Concen: 9.619 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VU063436.D

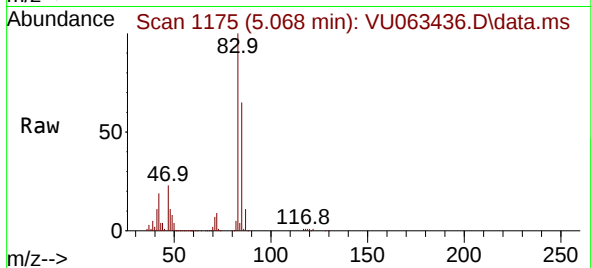
Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 83 Resp: 307128

Ion Ratio Lower Upper

83 100

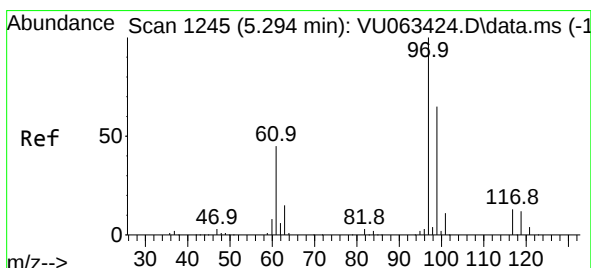
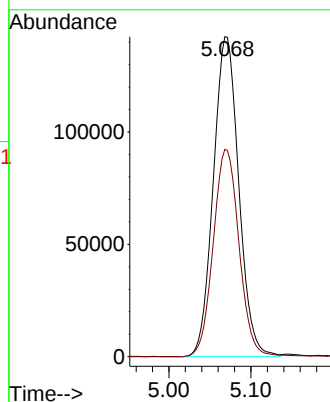
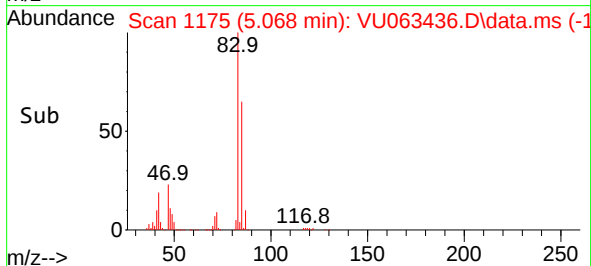
85 64.8 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 9.965 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

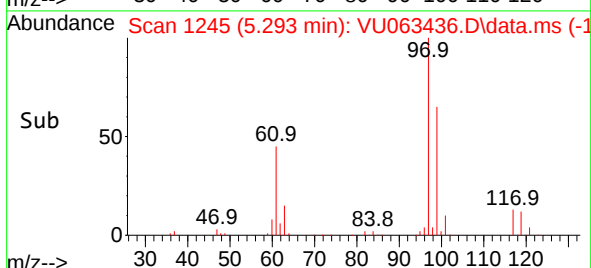
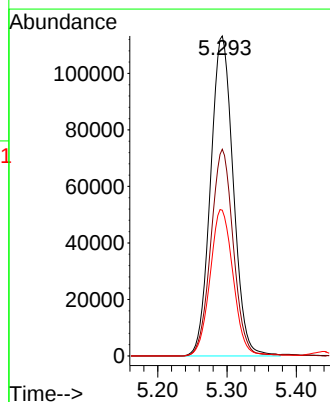
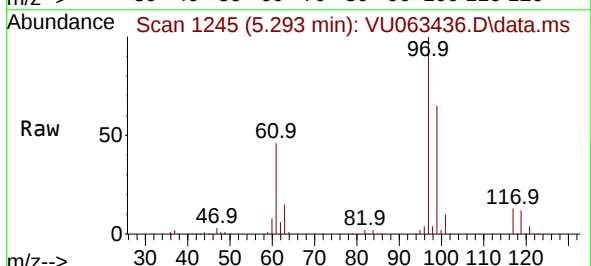
Tgt Ion: 97 Resp: 257995

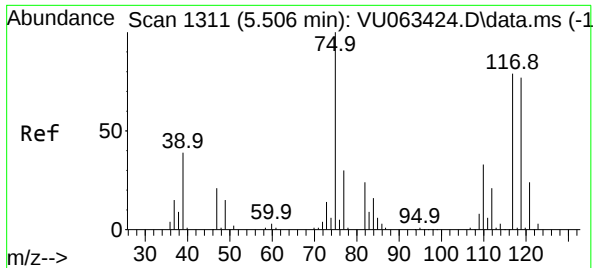
Ion Ratio Lower Upper

97 100

99 63.7 31.9 95.5

61 46.7 22.9 68.7





#29
1,1-Dichloropropene
Concen: 10.096 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

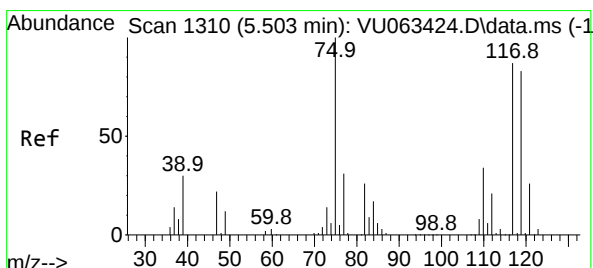
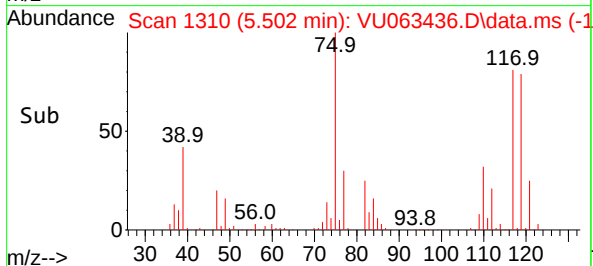
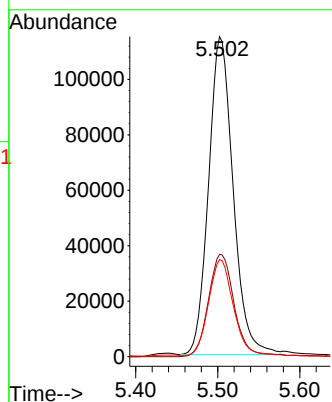
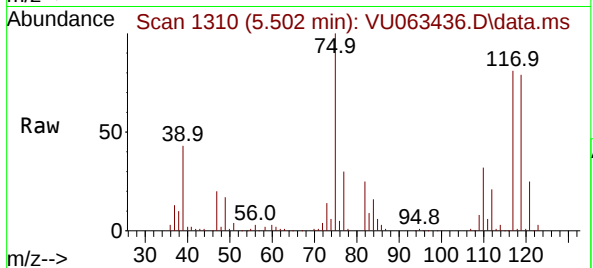
VSTDCCC010EC

Tgt Ion: 75 Resp: 238772
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 30.5 25.4 38.0

Manual Integrations

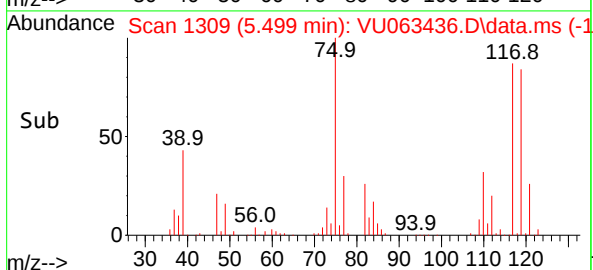
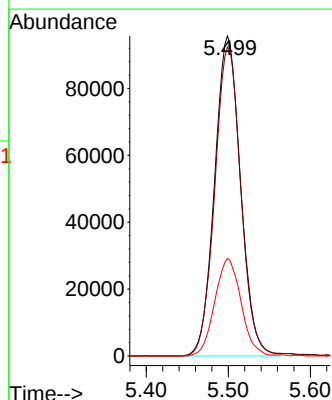
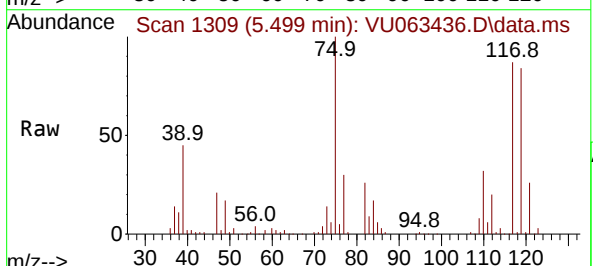
APPROVED

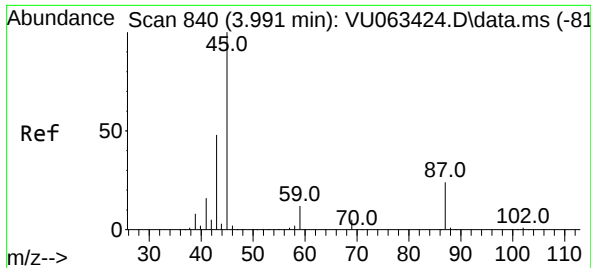
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 10.179 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

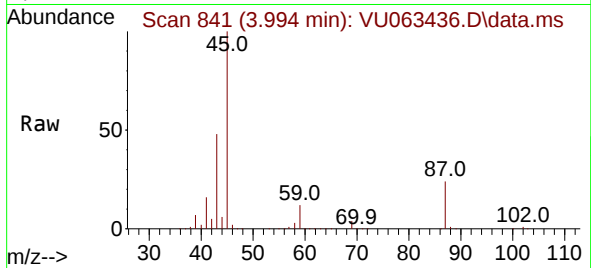
Tgt Ion:117 Resp: 210482
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1
121 30.5 24.3 36.5





#31
Isopropyl Ether
Concen: 9.954 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

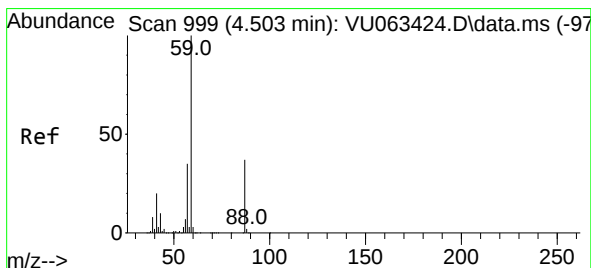
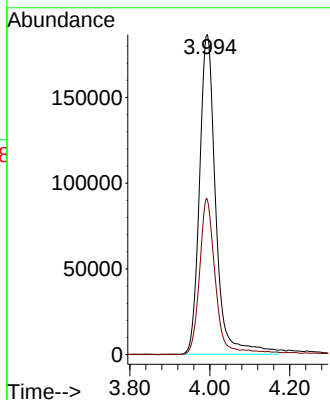
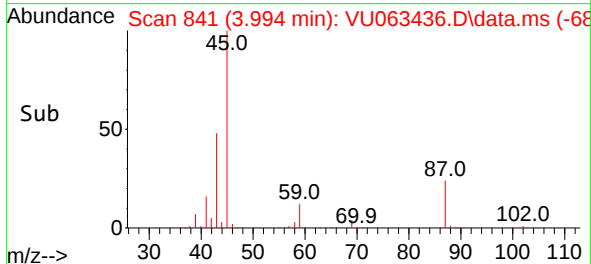
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



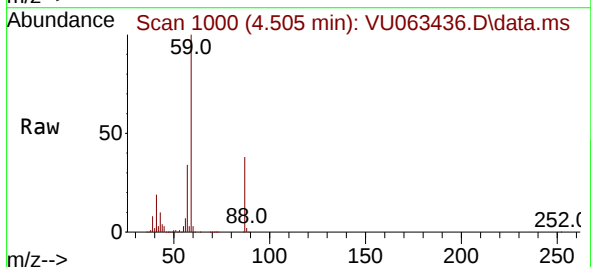
Tgt Ion: 45 Resp: 529620
Ion Ratio Lower Upper
45 100
43 45.9 23.8 71.5

Manual Integrations
APPROVED

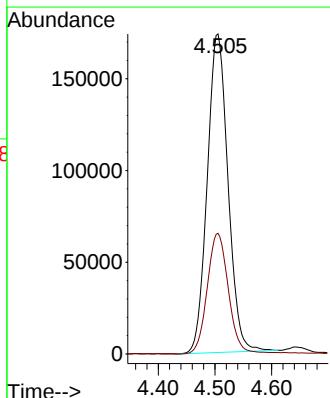
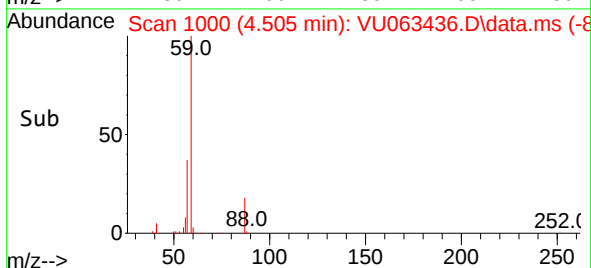
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#32
Ethyl-t-butyl ether
Concen: 9.807 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



Tgt Ion: 59 Resp: 442264
Ion Ratio Lower Upper
59 100
87 37.9 29.9 44.9





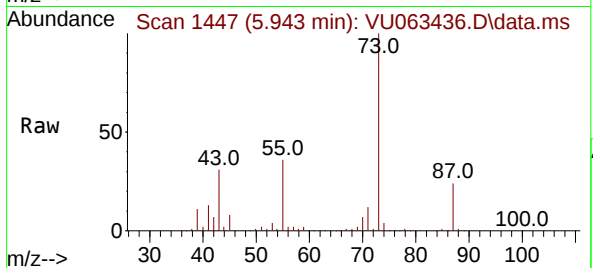
#33
Tert-Amyl methyl ether
Concen: 10.399 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

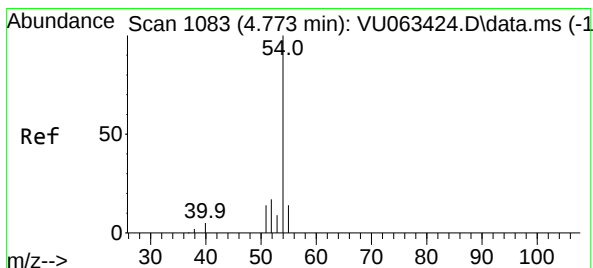
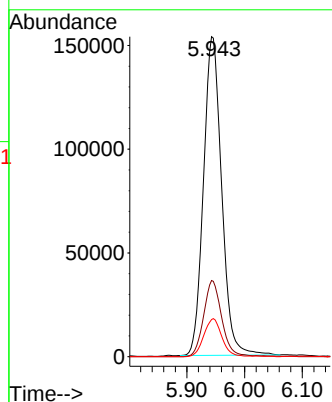
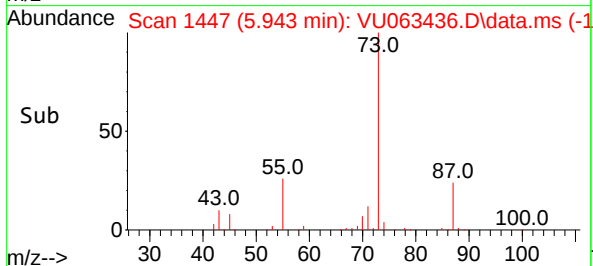


Tgt Ion: 73 Resp: 33570
Ion Ratio Lower Upper
73 100
87 23.3 18.1 27.1
71 11.6 10.0 15.0

Manual Integrations

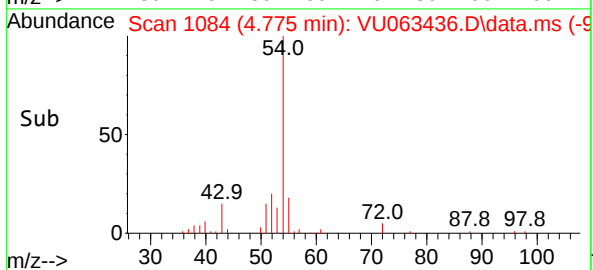
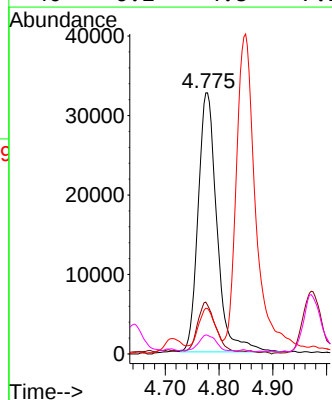
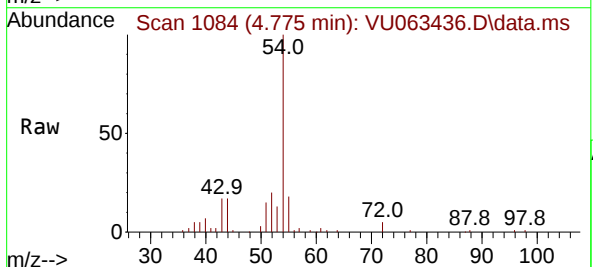
APPROVED

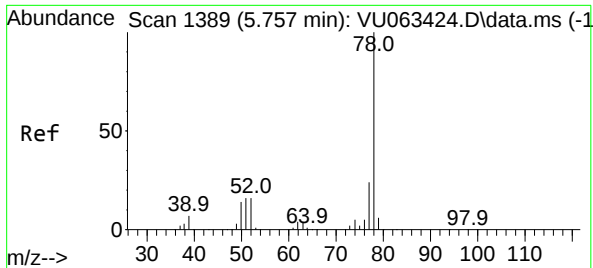
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 47.122 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion: 54 Resp: 79233
Ion Ratio Lower Upper
54 100
52 17.3 14.8 22.2
55 15.1 12.2 18.2
40 6.2 4.8 7.2





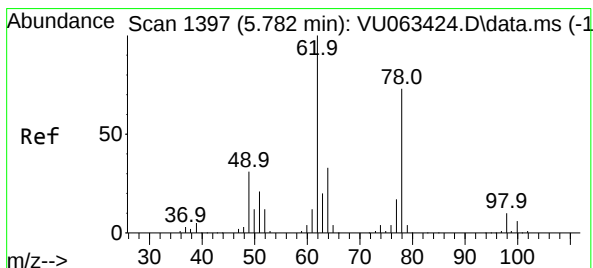
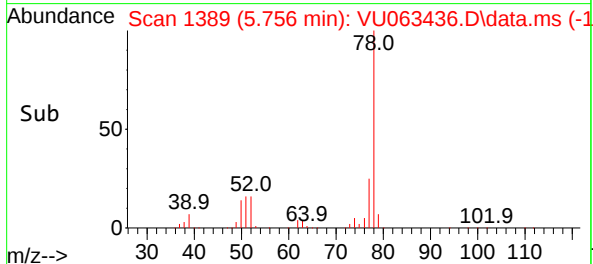
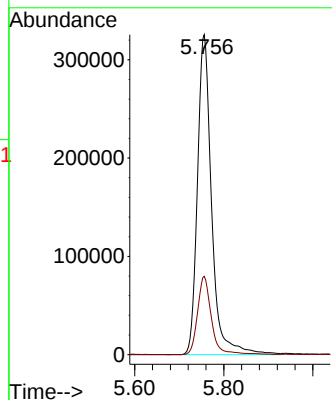
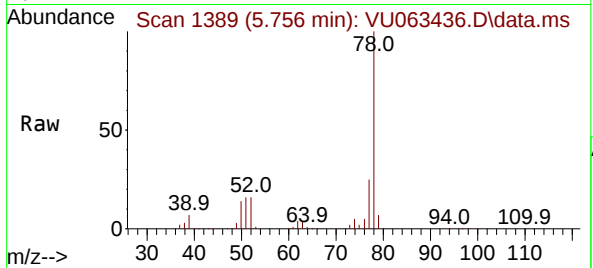
#35
Benzene
Concen: 10.095 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 722270
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2

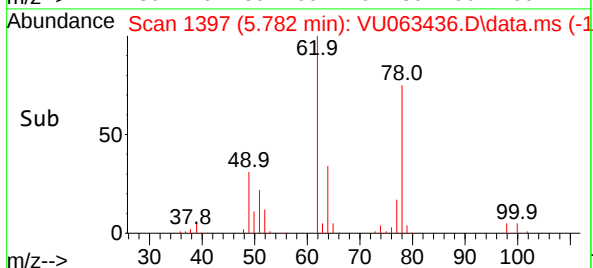
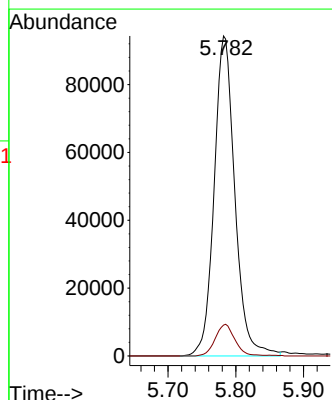
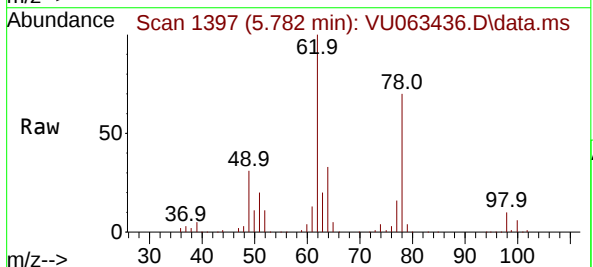
Manual Integrations
APPROVED

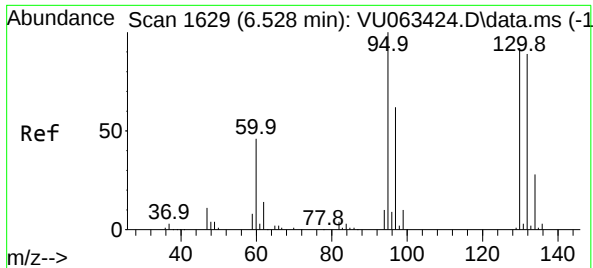
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 9.597 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

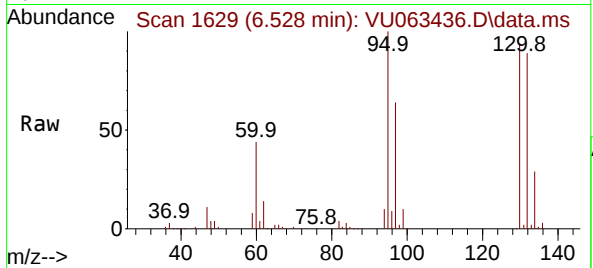
Tgt Ion: 62 Resp: 200712
Ion Ratio Lower Upper
62 100
98 9.4 7.1 10.7





#37
Trichloroethene
Concen: 9.948 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

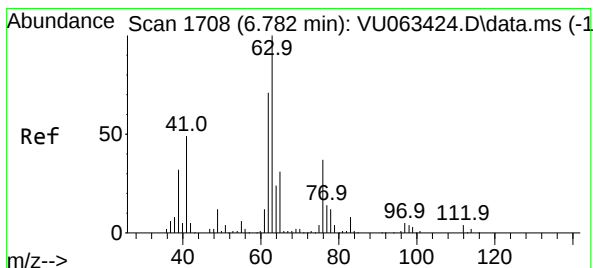
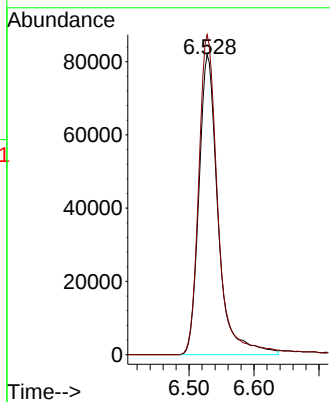
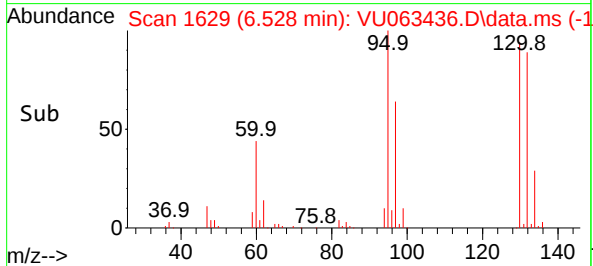
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



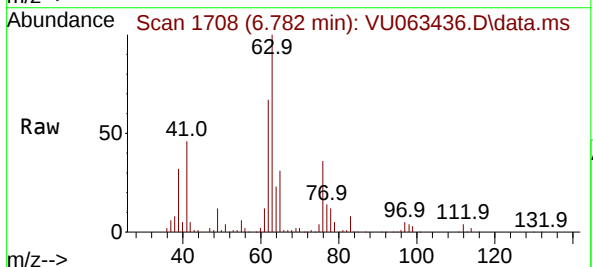
Tgt Ion:130 Resp: 16818
Ion Ratio Lower Upper
130 100
95 106.7 87.2 130.8

Manual Integrations
APPROVED

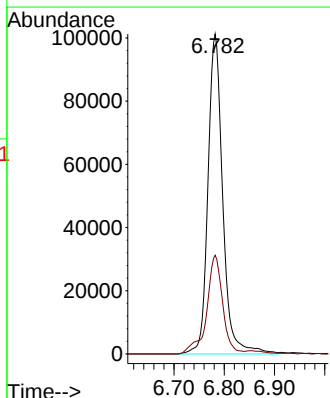
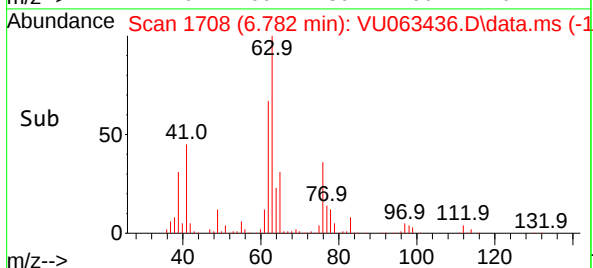
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

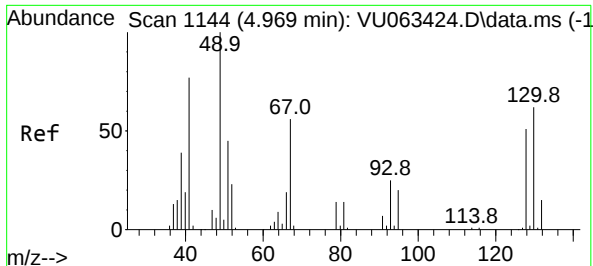


#38
1,2-Dichloropropane
Concen: 10.456 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



Tgt Ion: 63 Resp: 206610
Ion Ratio Lower Upper
63 100
65 30.8 25.0 37.6





#39

Methacrylonitrile

Concen: 9.118 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 6378

Ion Ratio Lower Upper

41 100

67 75.9 59.8 89.8

39 48.0 40.7 61.1

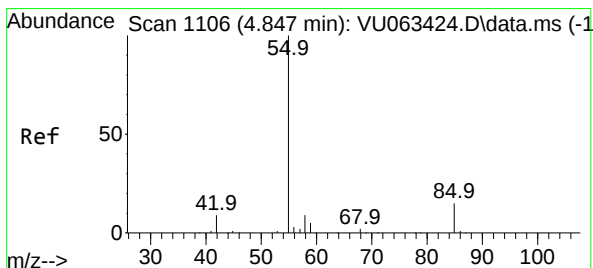
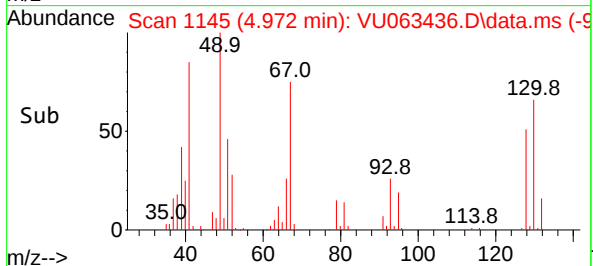
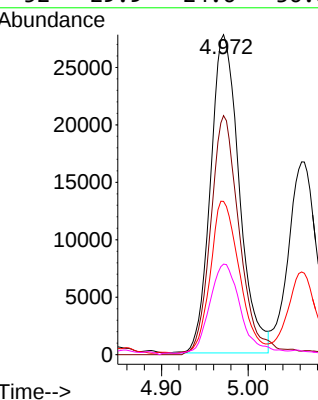
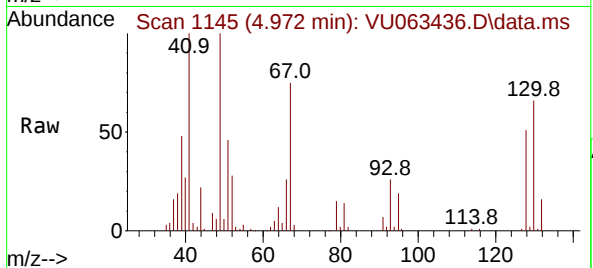
52 29.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 9.931 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Tgt Ion: 55 Resp: 97544

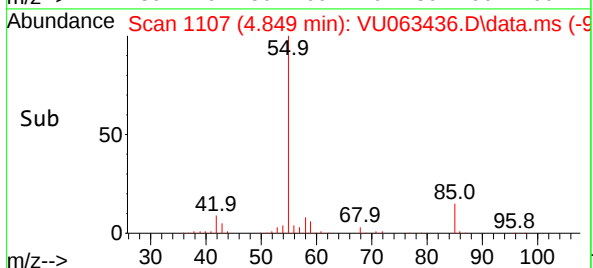
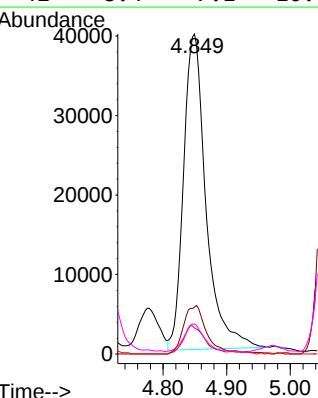
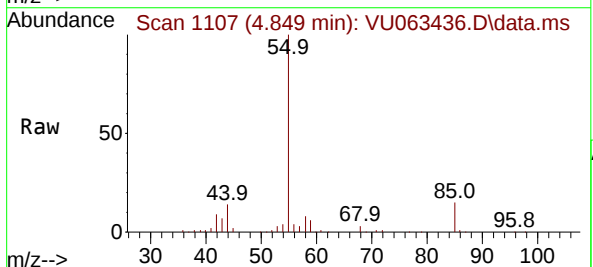
Ion Ratio Lower Upper

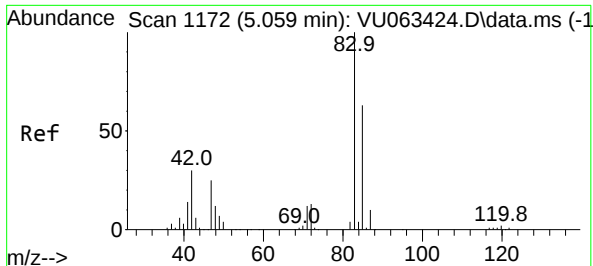
55 100

85 15.3 12.6 19.0

58 8.6 6.9 10.3

42 8.4 7.1 10.7





#41

Tetrahydrofuran

Concen: 16.978 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

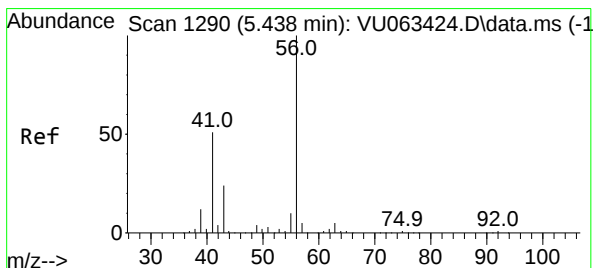
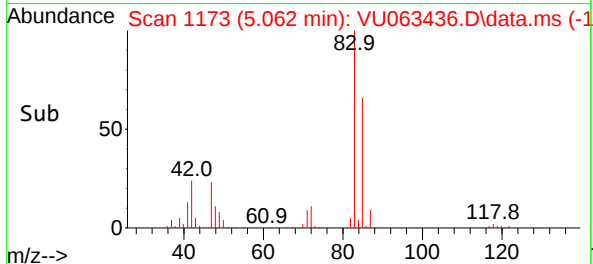
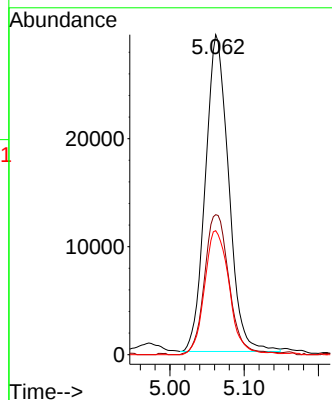
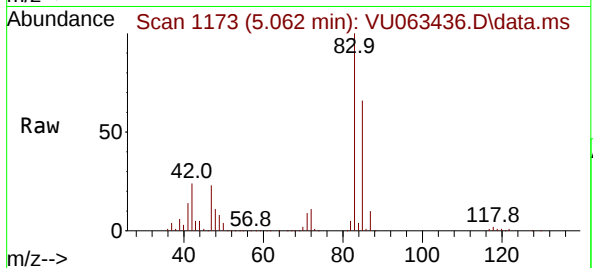
Tgt Ion: 42 Resp: 63890

Ion	Ratio	Lower	Upper
42	100		
72	46.9	35.4	53.2
71	41.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 10.130 ug/l

RT: 5.438 min Scan# 1290

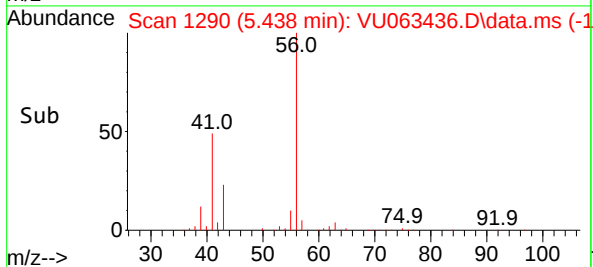
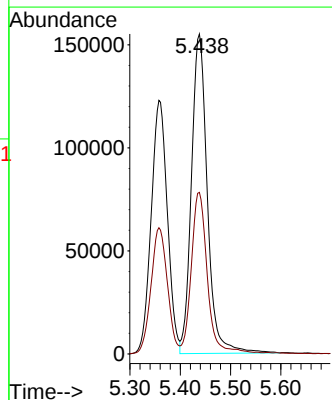
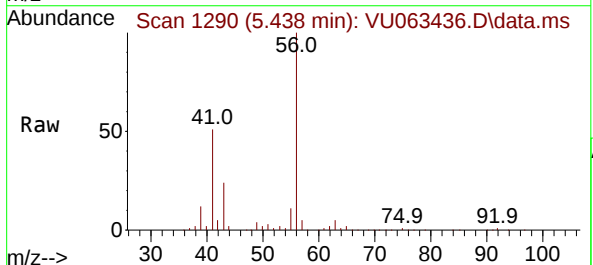
Delta R.T. -0.000 min

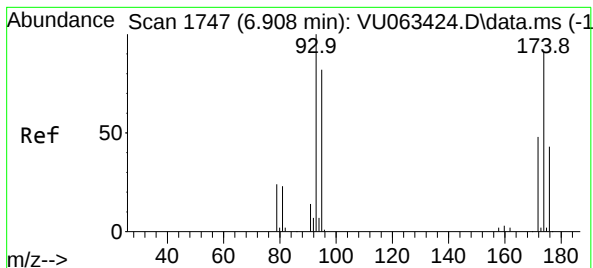
Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Tgt Ion: 56 Resp: 339873

Ion	Ratio	Lower	Upper
56	100		
41	49.7	26.4	79.0





#43

Dibromomethane

Concen: 9.964 ug/l

RT: 6.907 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU063436.D

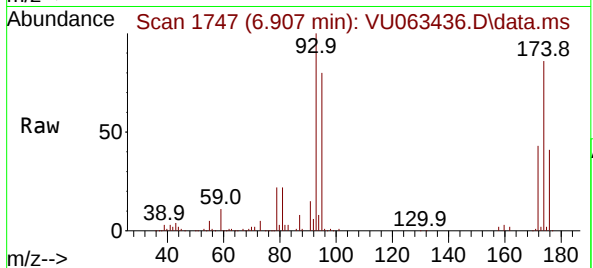
Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 93 Resp: 9196

Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

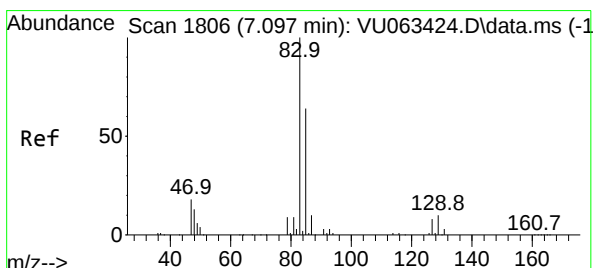
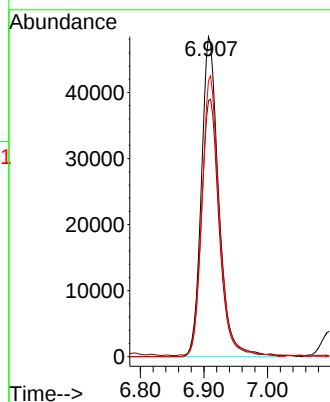
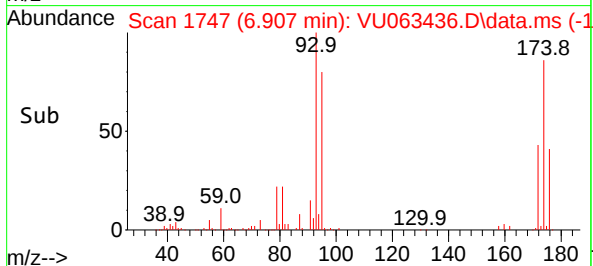
174 88.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#44

Bromodichloromethane

Concen: 9.825 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

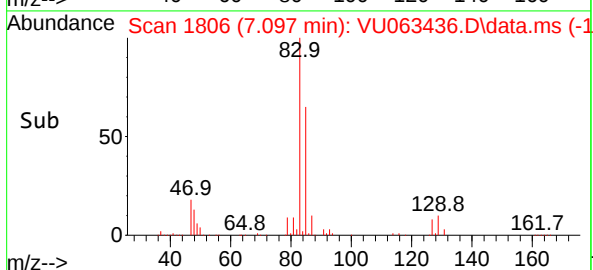
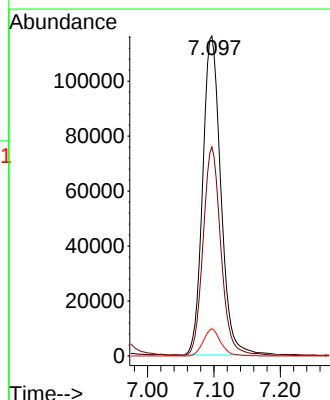
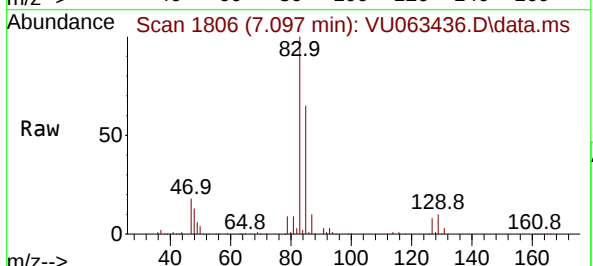
Tgt Ion: 83 Resp: 220899

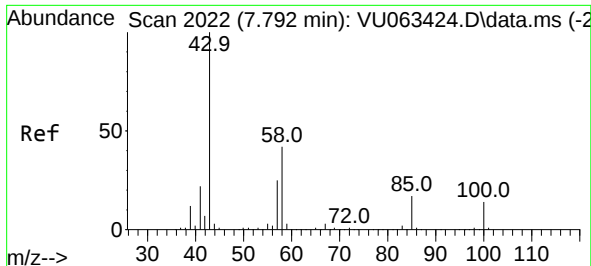
Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.2

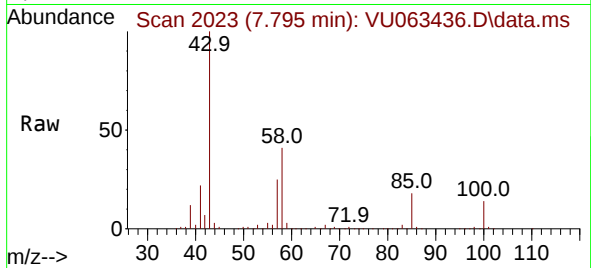
127 8.5 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 51.858 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

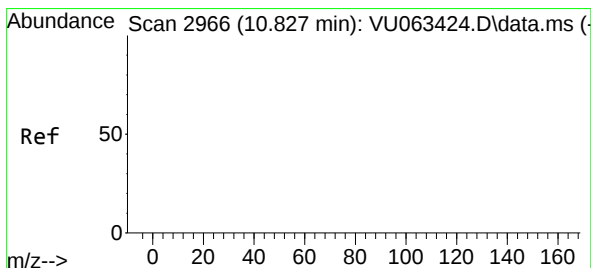
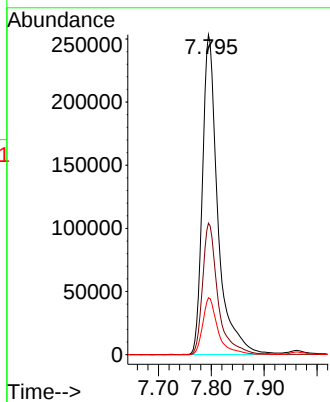
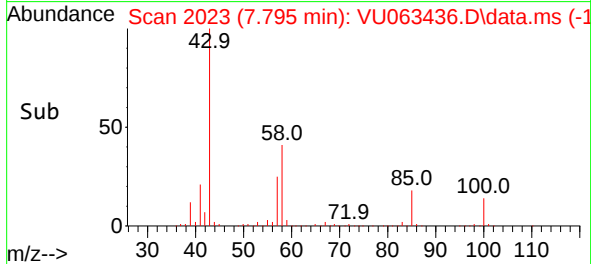
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 513834
Ion Ratio Lower Upper
43 100
58 41.1 20.5 61.6
85 17.6 14.2 21.2

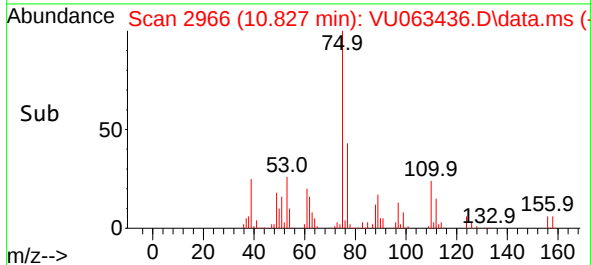
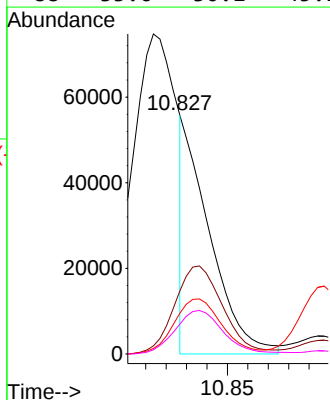
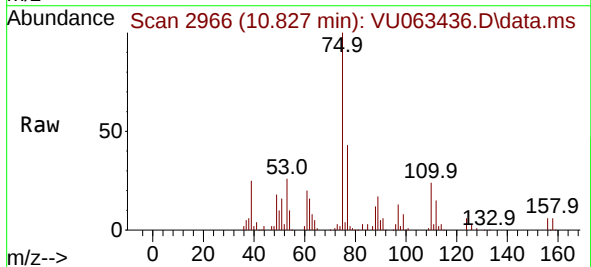
Manual Integrations
APPROVED

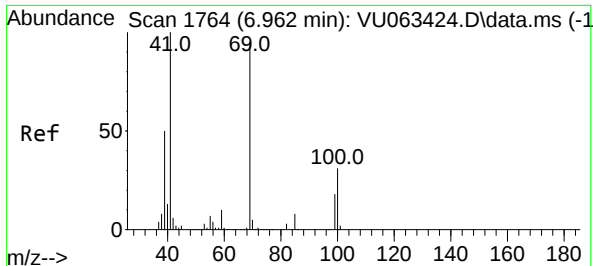
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 15.331 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion: 75 Resp: 49933
Ion Ratio Lower Upper
75 100
53 67.4 61.4 92.2
89 42.1 39.2 58.8
88 33.6 30.1 45.1





#47

Methyl methacrylate

Concen: 18.620 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.003 min

Lab File: VU063436.D

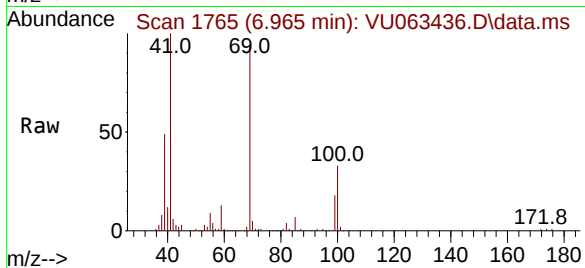
Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 16310

Ion Ratio Lower Upper

69 100

41 103.4 0.0 212.6

39 50.8 40.6 61.0

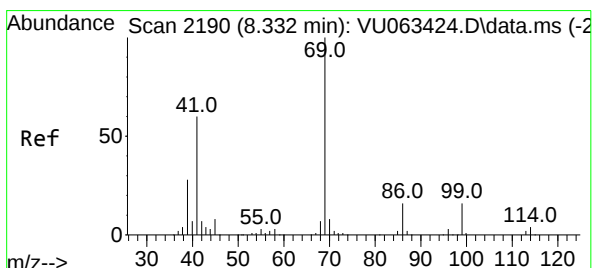
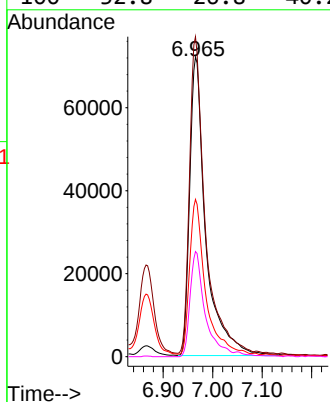
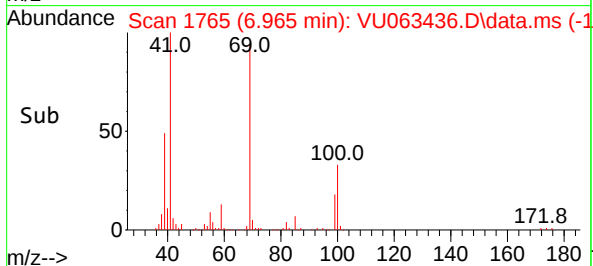
100 32.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 9.330 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063436.D

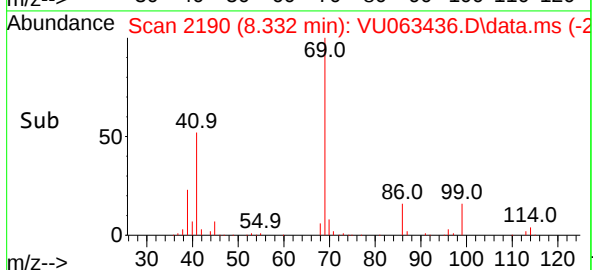
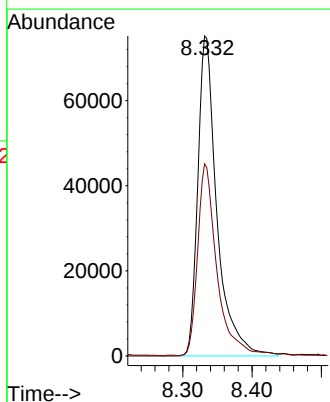
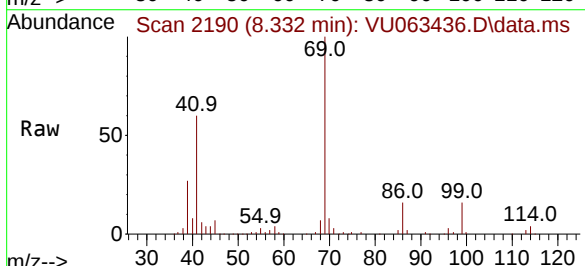
Acq: 24 Jun 2025 13:49

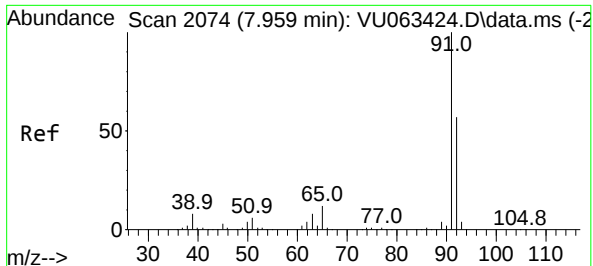
Tgt Ion: 69 Resp: 144181

Ion Ratio Lower Upper

69 100

41 60.2 30.6 92.0





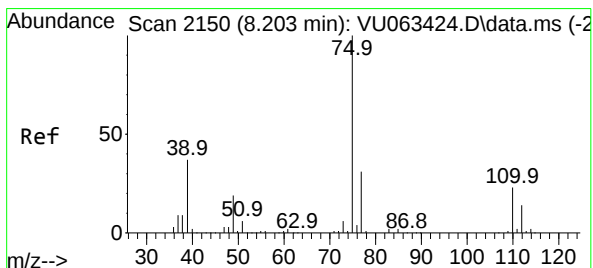
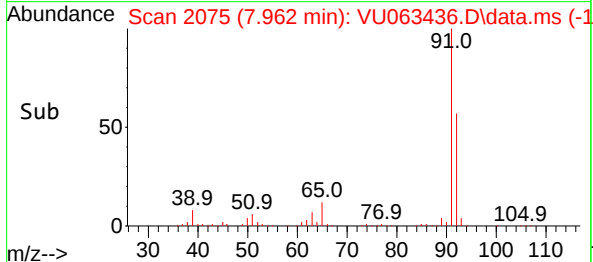
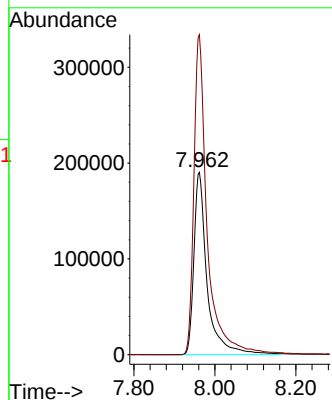
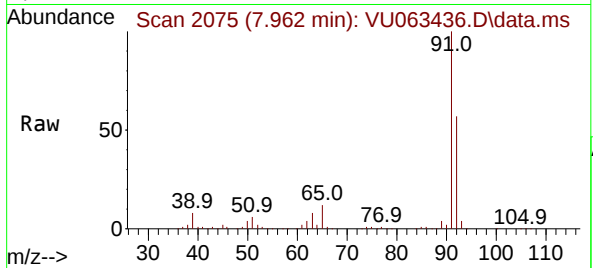
#49
Toluene
Concen: 11.048 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 92 Resp: 43395
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0

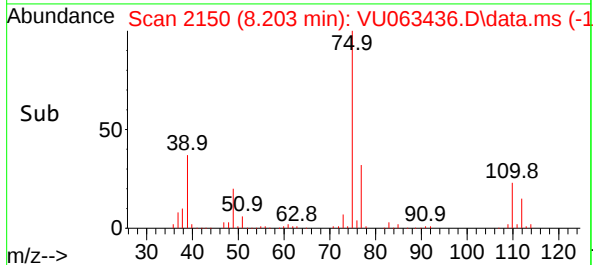
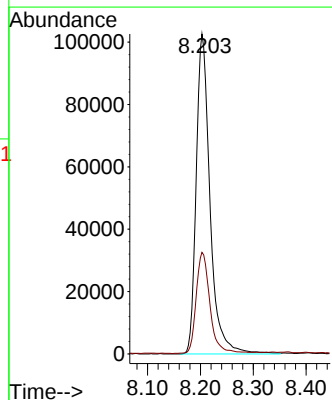
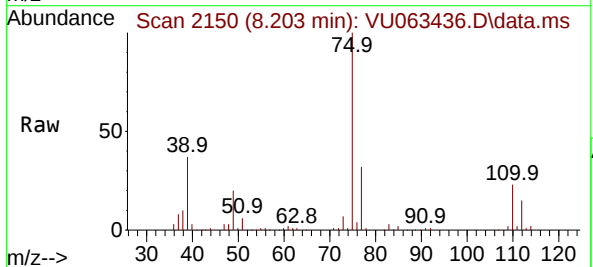
Manual Integrations
APPROVED

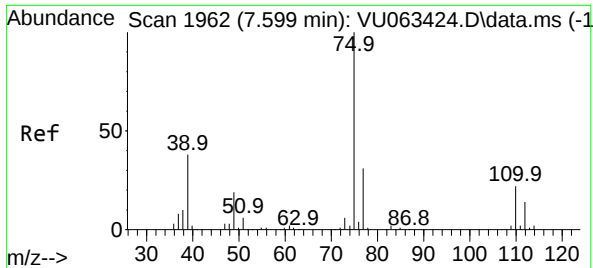
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 11.480 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

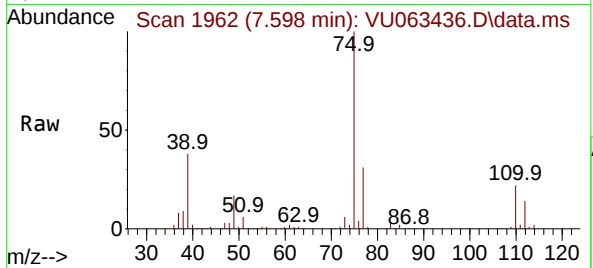
Tgt Ion: 75 Resp: 186134
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 11.015 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

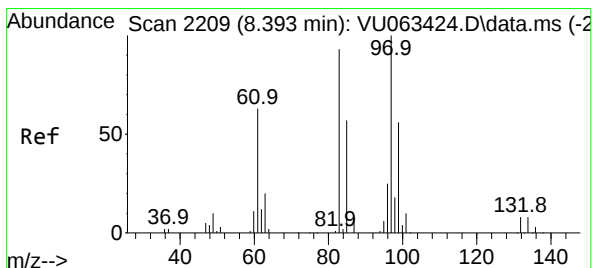
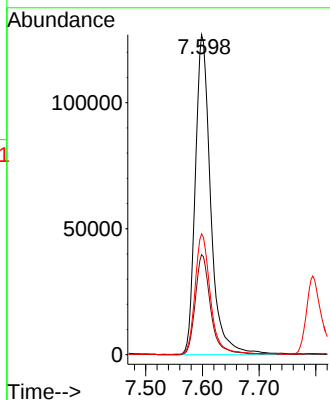
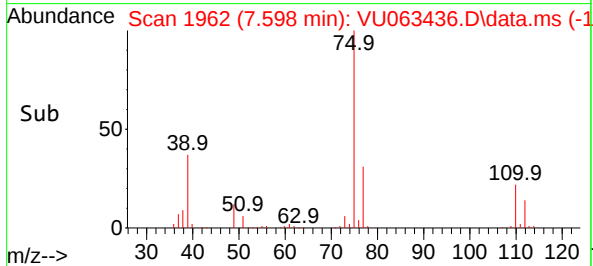
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 23989
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 37.6 30.7 46.1

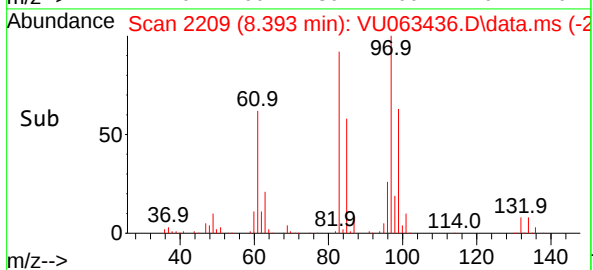
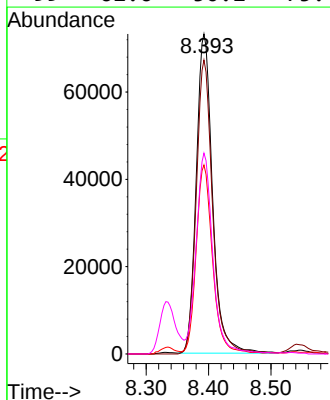
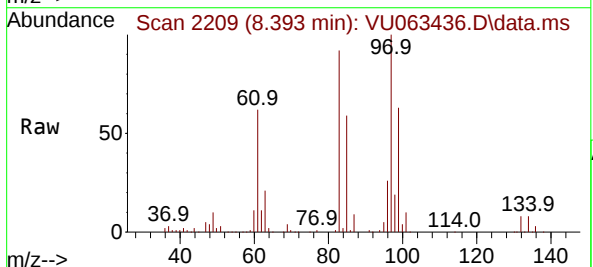
Manual Integrations
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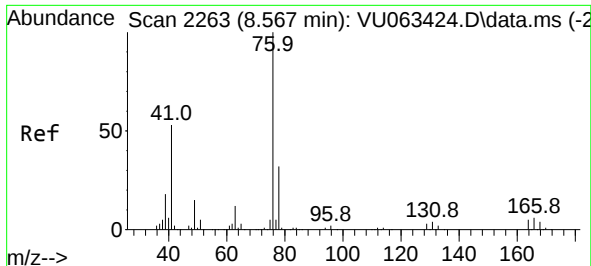
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 9.854 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

Tgt Ion: 97 Resp: 132966
 Ion Ratio Lower Upper
 97 100
 83 92.1 74.1 111.1
 85 58.9 45.8 68.8
 99 62.6 50.2 75.4





#53

1,3-Dichloropropane

Concen: 10.009 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.001 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 232364

Ion Ratio Lower Upper

76 100

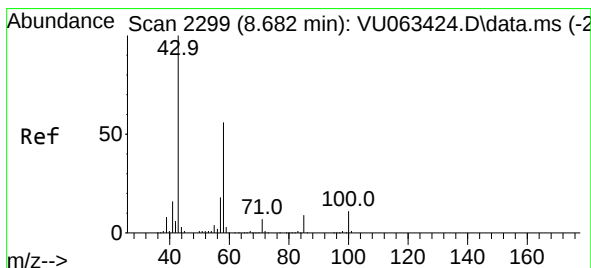
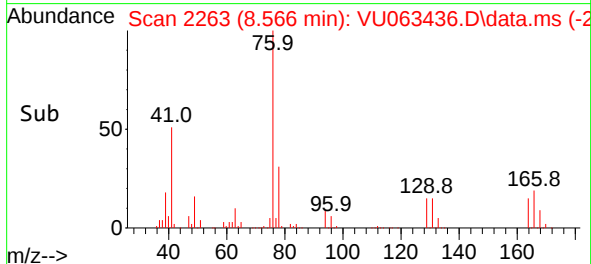
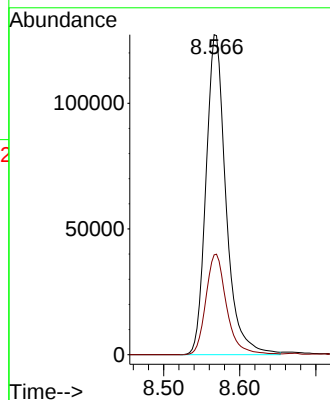
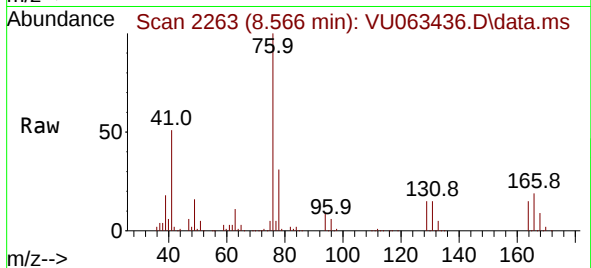
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 47.525 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

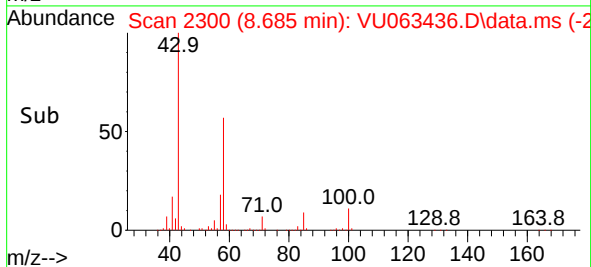
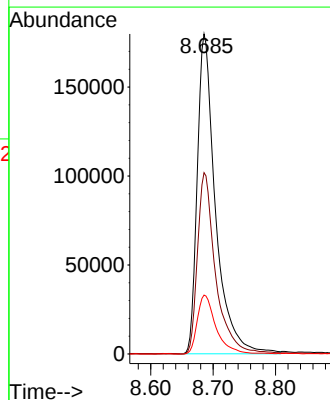
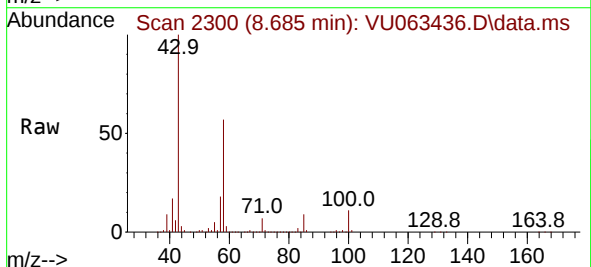
Tgt Ion: 43 Resp: 365366

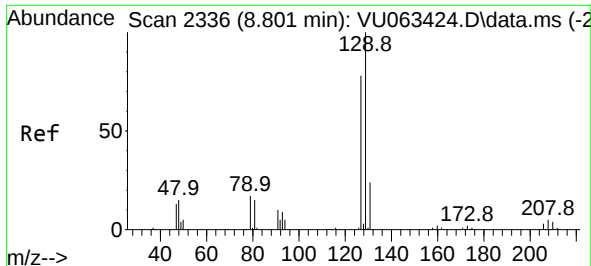
Ion Ratio Lower Upper

43 100

58 56.6 36.9 76.9

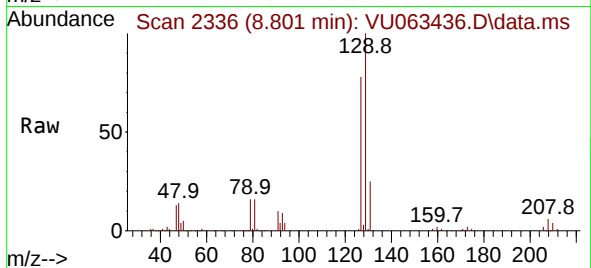
57 19.0 0.0 38.8





#55
Dibromochloromethane
Concen: 10.246 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

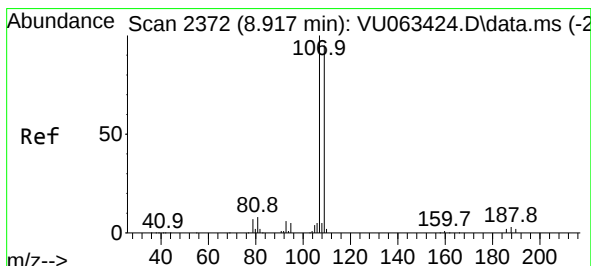
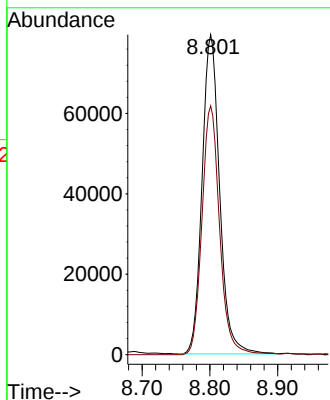
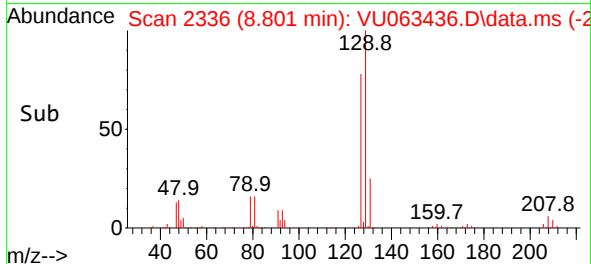
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



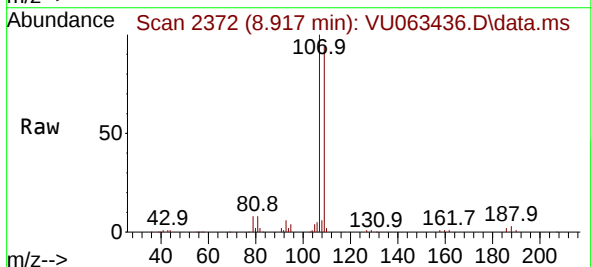
Tgt Ion:129 Resp: 14264
Ion Ratio Lower Upper
129 100
127 78.5 62.6 93.8

Manual Integrations
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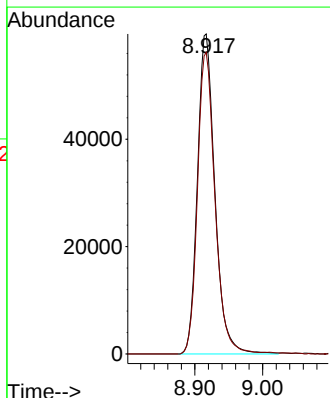
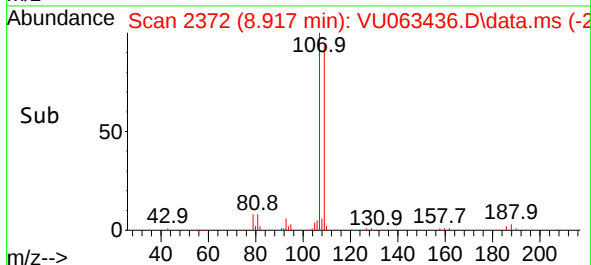
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

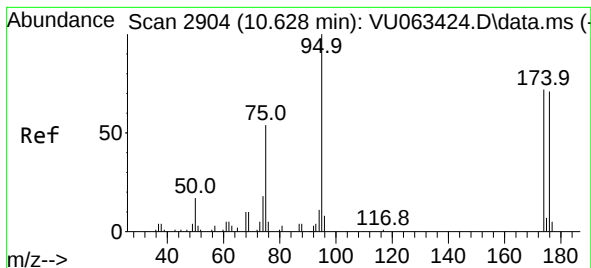


#56
1,2-Dibromoethane
Concen: 9.752 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



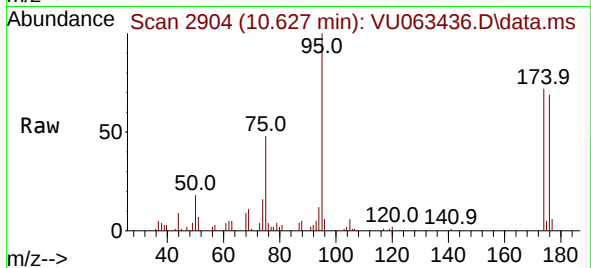
Tgt Ion:107 Resp: 106677
Ion Ratio Lower Upper
107 100
109 94.5 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.044 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

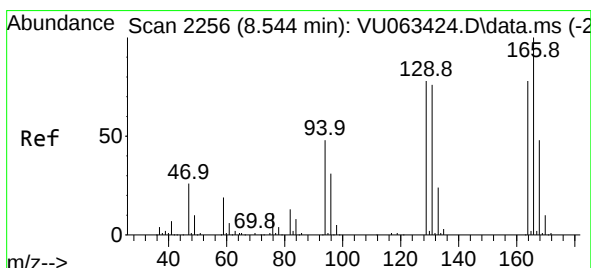
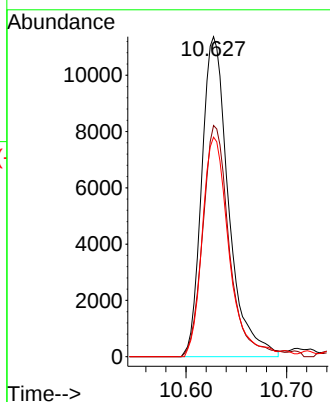
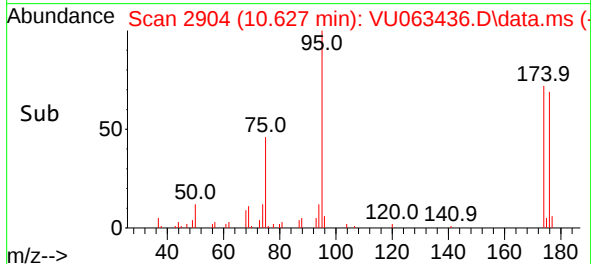
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



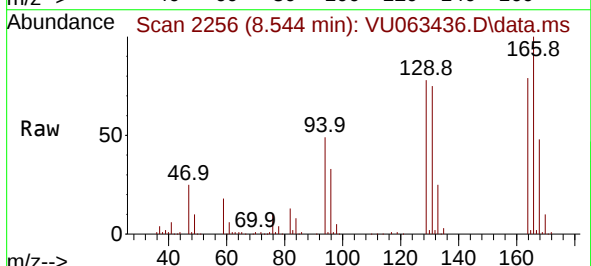
Tgt Ion: 95 Resp: 21040
Ion Ratio Lower Upper
95 100
174 71.6 59.4 89.2
176 68.6 57.8 86.6

Manual Integrations
APPROVED

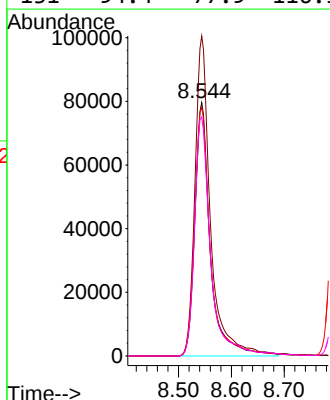
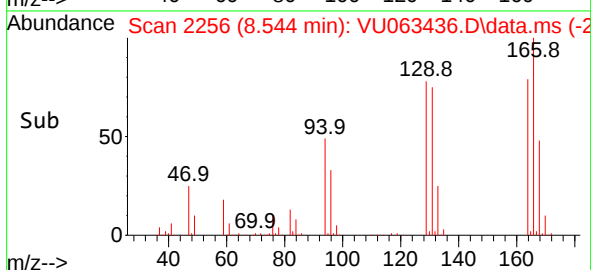
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

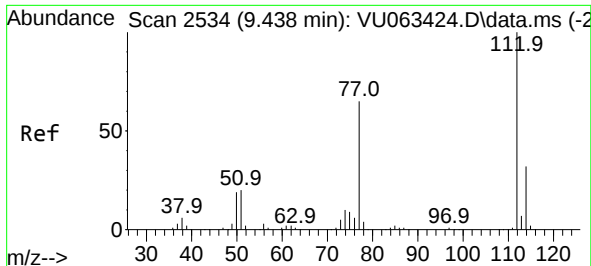


#58
Tetrachloroethene
Concen: 9.787 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



Tgt Ion:164 Resp: 162328
Ion Ratio Lower Upper
164 100
166 126.4 102.8 154.2
129 98.2 80.2 120.2
131 94.4 77.9 116.9





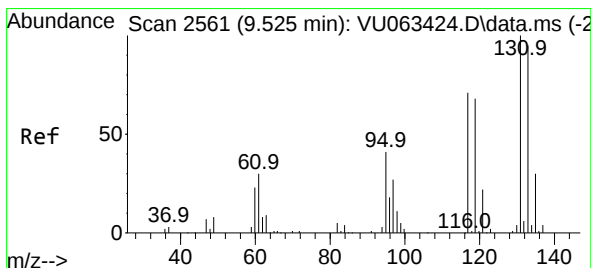
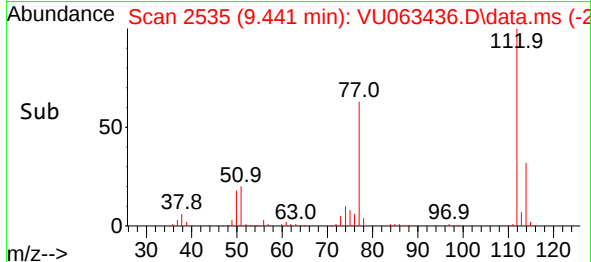
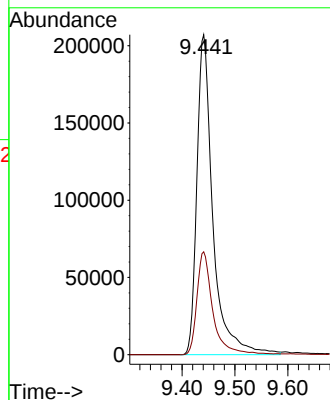
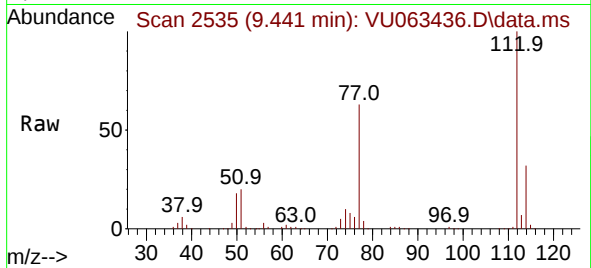
#59
Chlorobenzene
Concen: 10.331 ug/l
RT: 9.441 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 434420
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

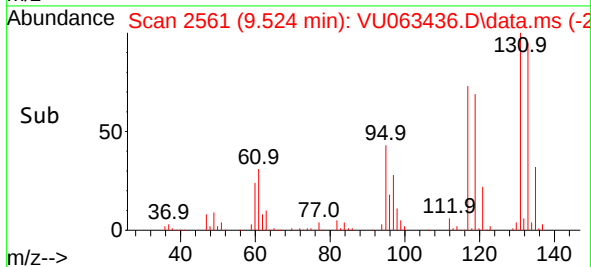
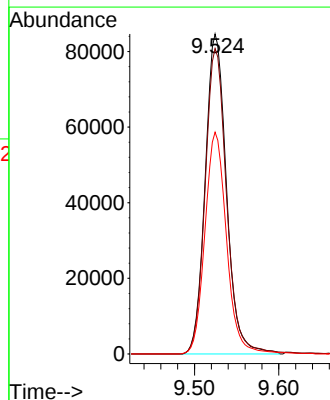
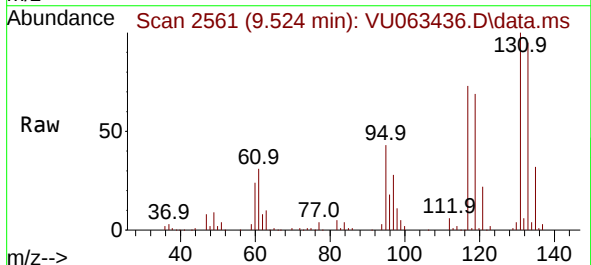
Manual Integrations
APPROVED

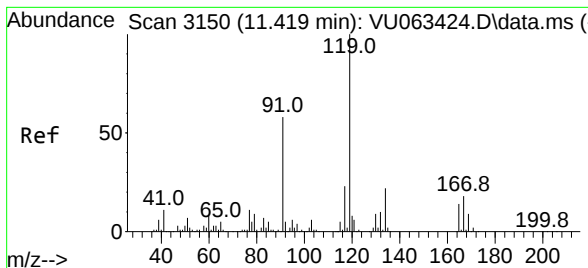
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 9.829 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:131 Resp: 148773
Ion Ratio Lower Upper
131 100
133 96.7 76.1 114.1
119 70.7 53.7 80.5





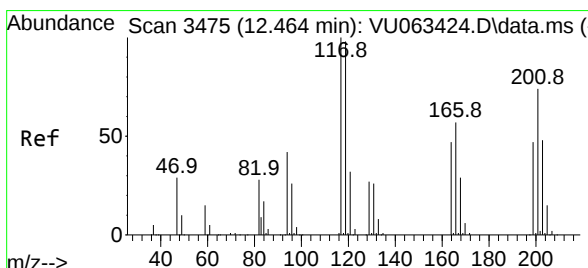
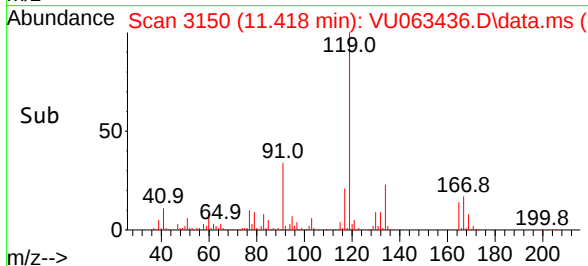
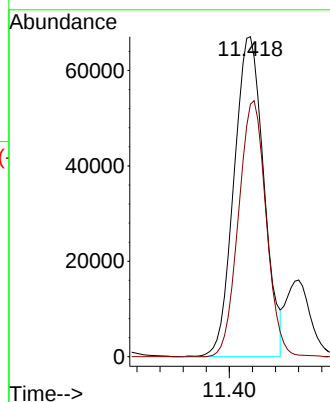
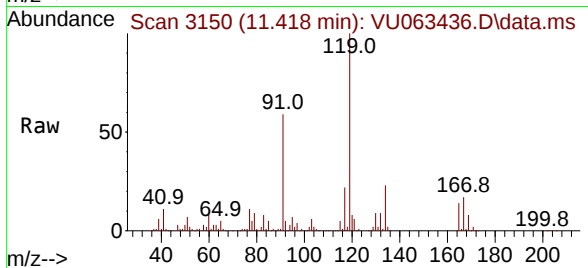
#61
Pentachloroethane
Concen: 9.765 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 12041
Ion Ratio Lower Upper
117 100
167 74.1 58.1 87.1

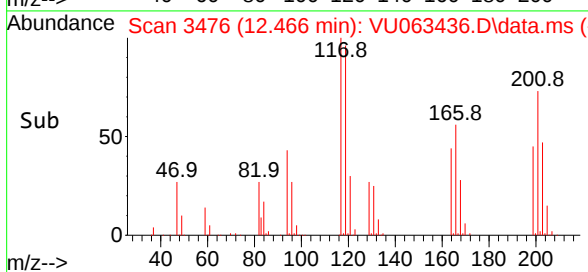
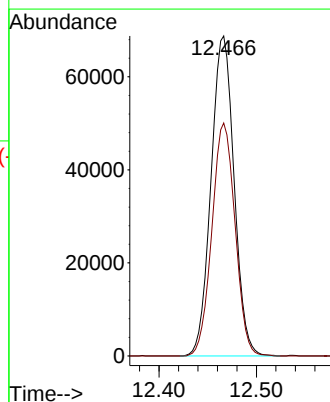
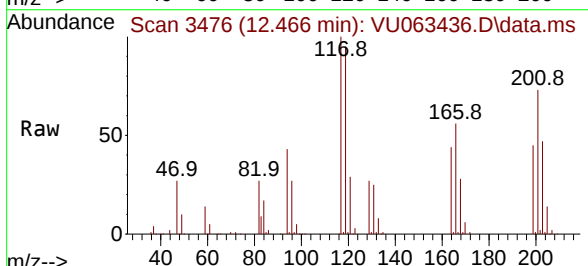
Manual Integrations
APPROVED

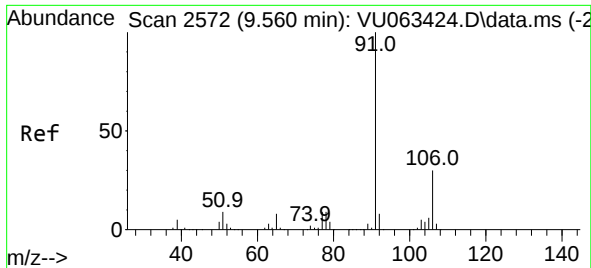
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 10.193 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:117 Resp: 113041
Ion Ratio Lower Upper
117 100
201 73.0 60.4 90.6





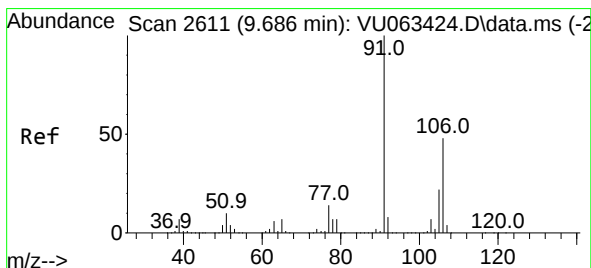
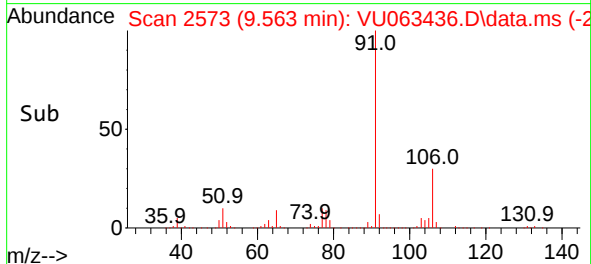
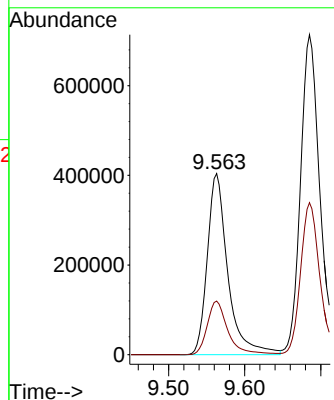
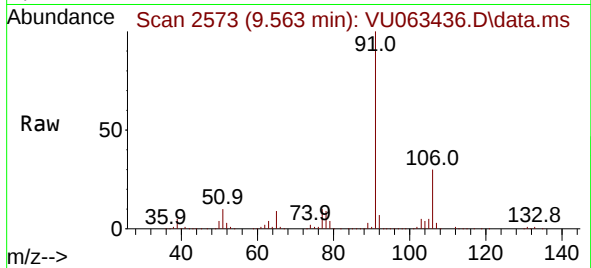
#63
Ethyl Benzene
Concen: 11.253 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 758570
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

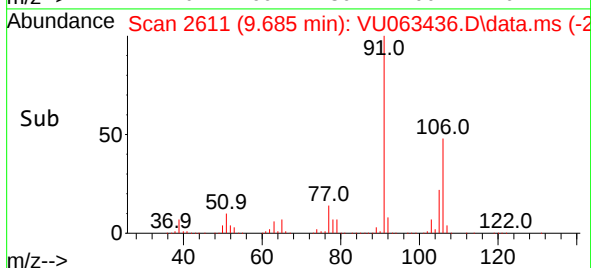
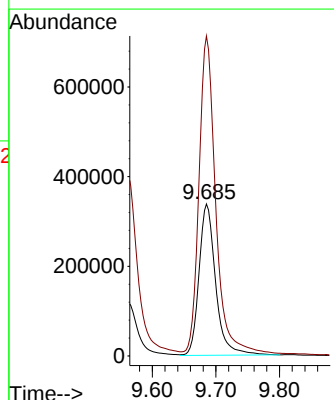
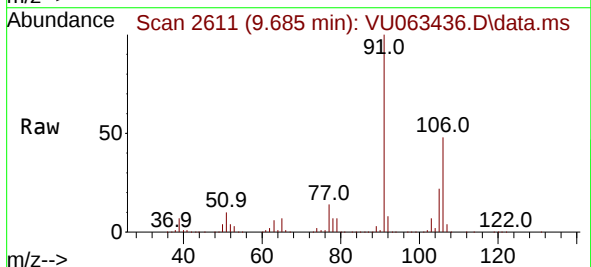
Manual Integrations
APPROVED

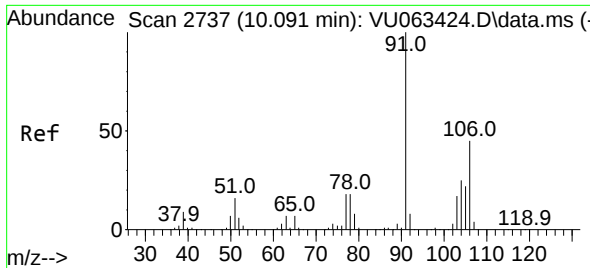
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 19.232 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:106 Resp: 611869
Ion Ratio Lower Upper
106 100
91 212.3 169.9 254.9





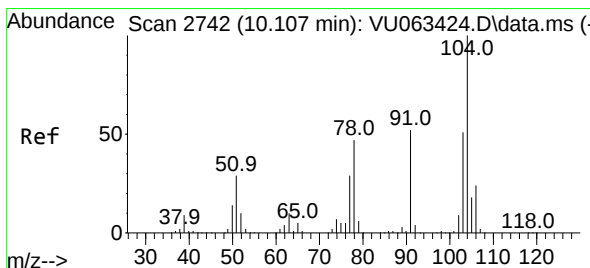
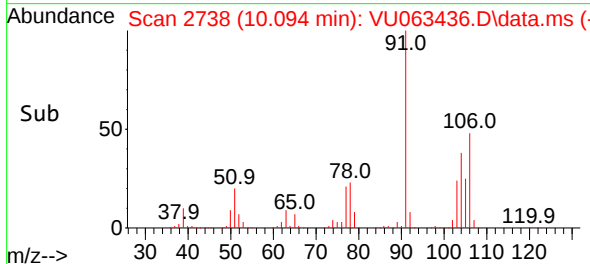
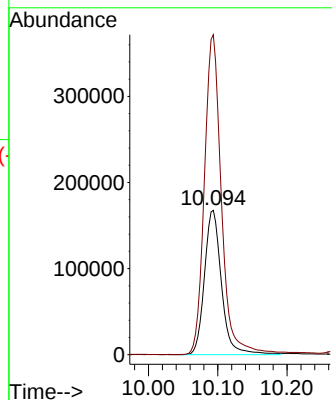
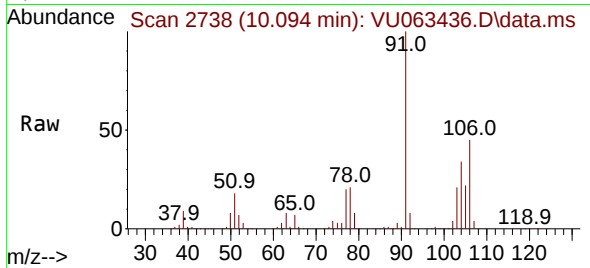
#65
o-Xylene
Concen: 11.216 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 28724
Ion Ratio Lower Upper
106 100
91 222.9 110.8 332.3

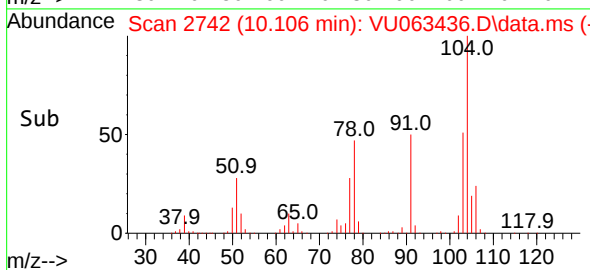
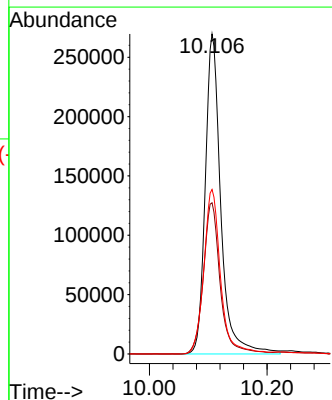
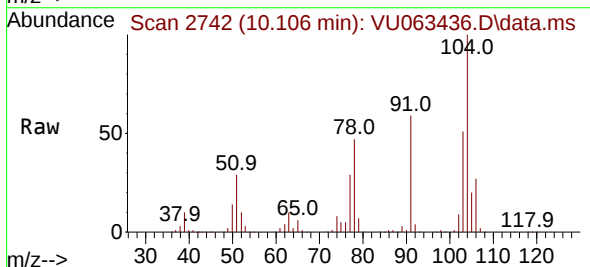
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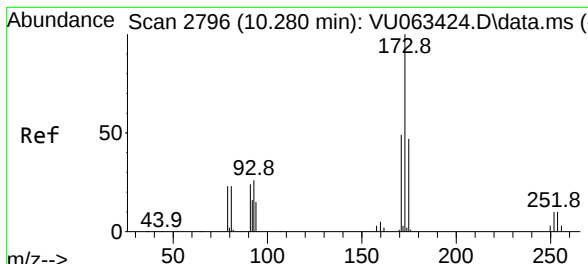
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 9.687 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:104 Resp: 495252
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.5 44.6 67.0





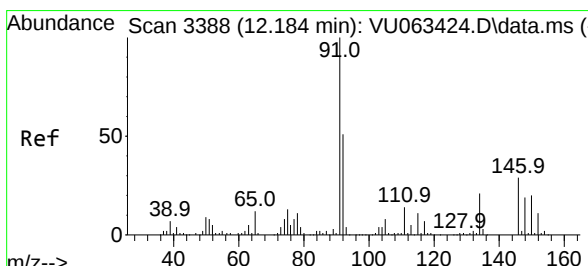
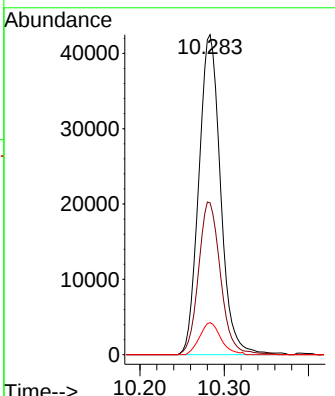
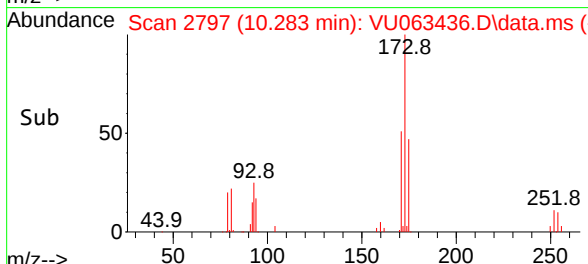
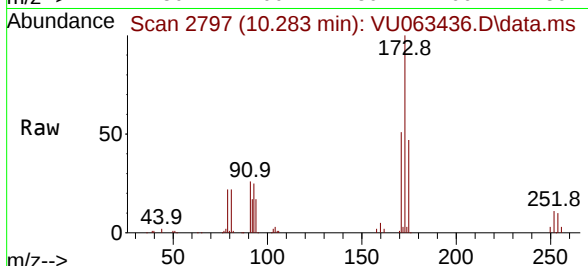
#67
 Bromoform
 Concen: 10.028 ug/l
 RT: 10.283 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010EC

Tgt Ion:	173	Resp:	76279
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.2	57.2
254	9.8	7.6	11.4

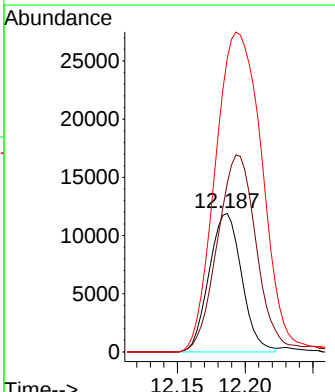
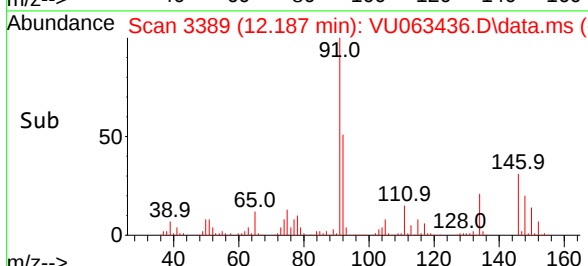
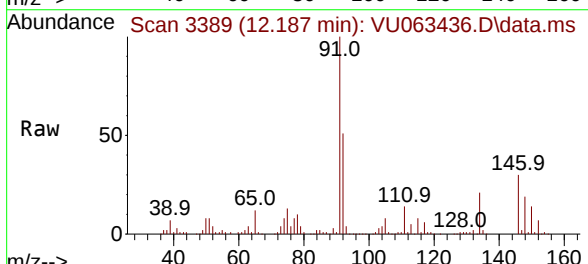
Manual Integrations
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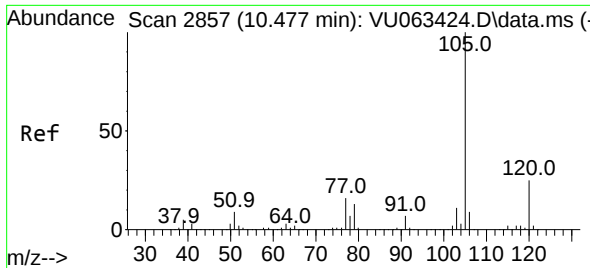
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.984 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.003 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

Tgt Ion:	152	Resp:	19922
Ion Ratio	Lower	Upper	
152	100		
115	173.0	0.0	327.6
150	333.5	0.0	664.4





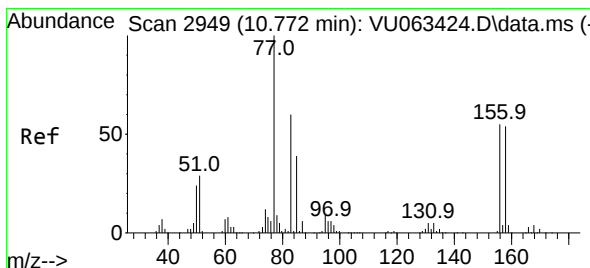
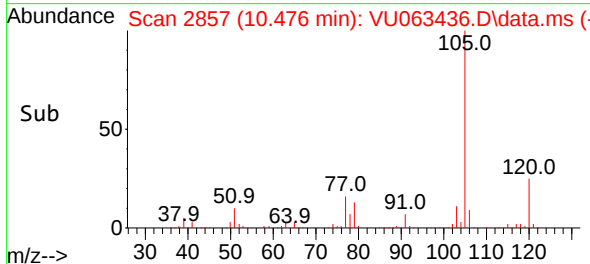
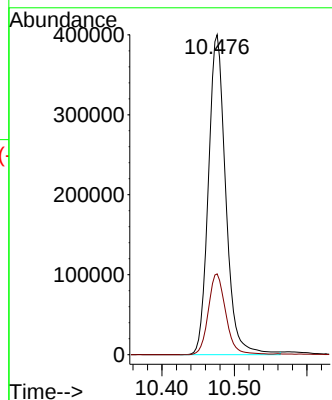
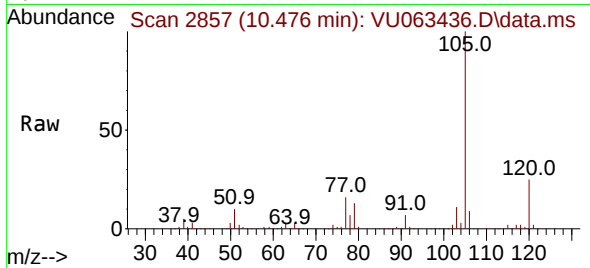
#69
Isopropylbenzene
Concen: 11.212 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 665214
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.1

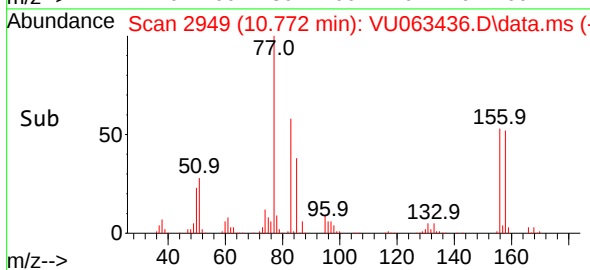
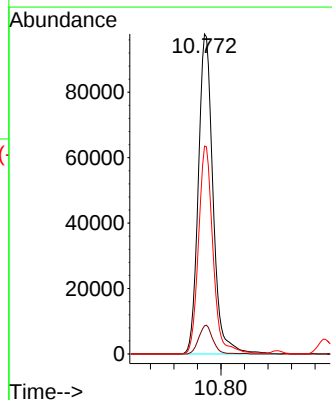
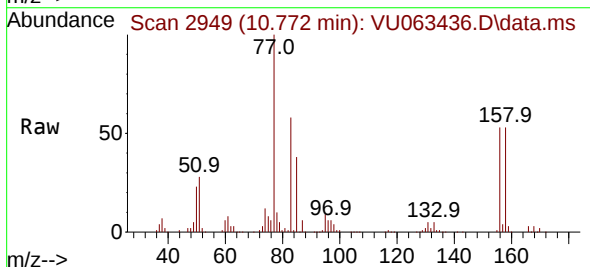
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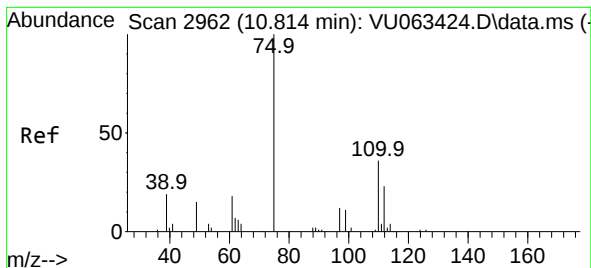
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 9.827 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion: 83 Resp: 169613
Ion Ratio Lower Upper
83 100
131 8.5 7.4 11.0
85 64.0 51.3 76.9





#71

1,2,3-Trichloropropane

Concen: 10.161 ug/l m

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 14324

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 28.9 0.0 63.4

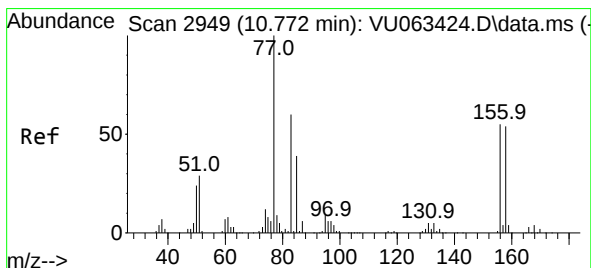
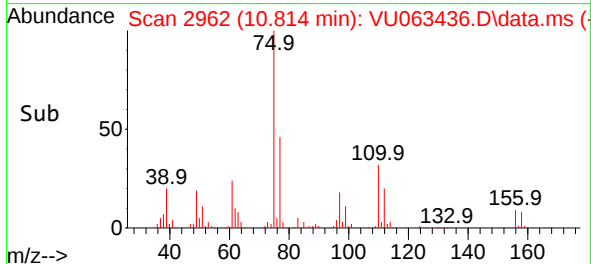
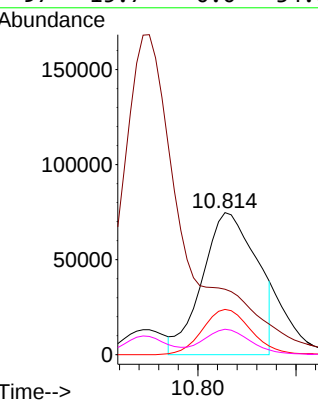
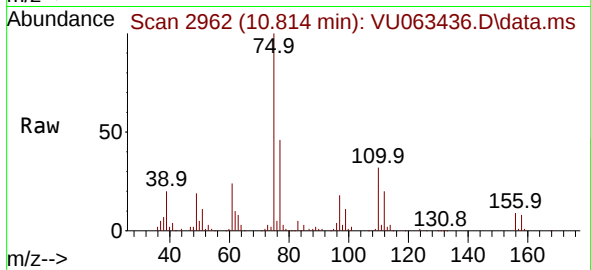
97 15.7 0.0 34.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#72

Bromobenzene

Concen: 10.517 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

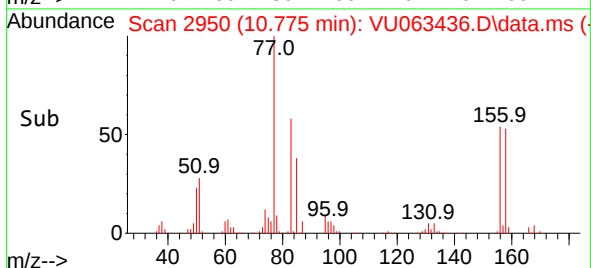
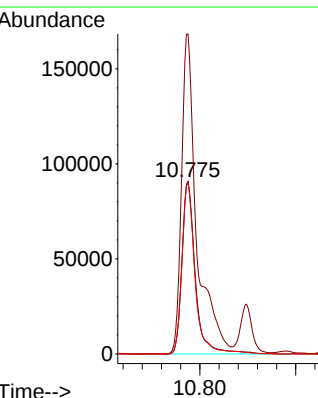
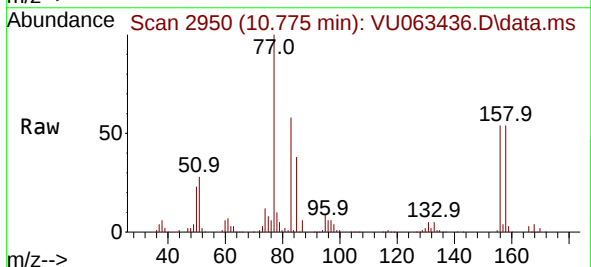
Tgt Ion:156 Resp: 175153

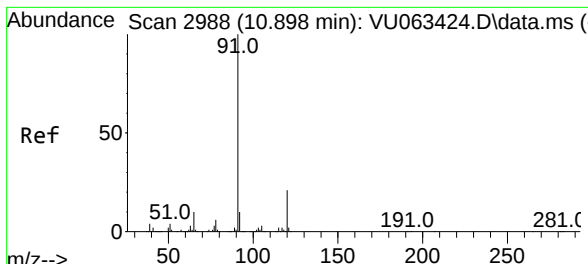
Ion Ratio Lower Upper

156 100

77 211.9 0.0 416.2

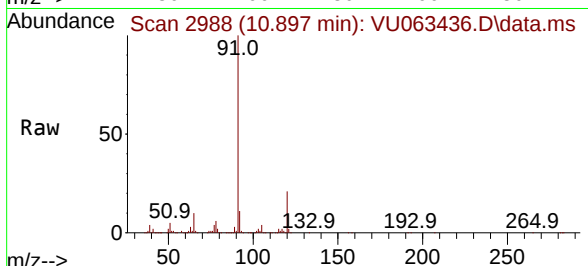
158 97.7 0.0 190.6





#73
n-propylbenzene
Concen: 9.492 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

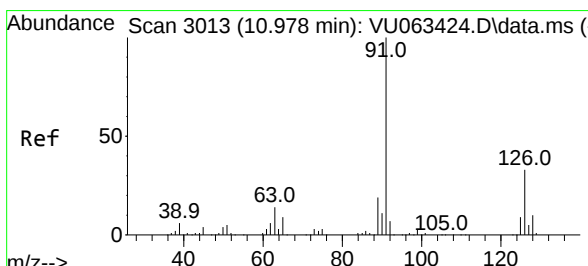
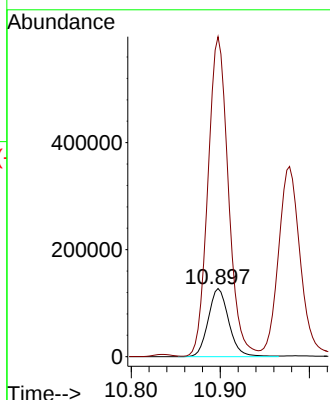
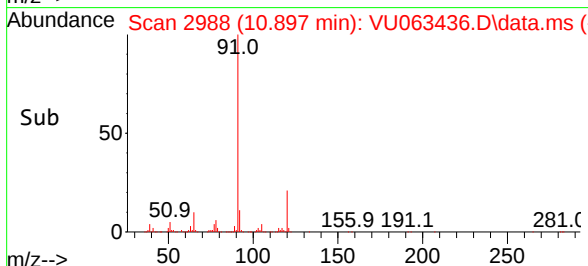
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



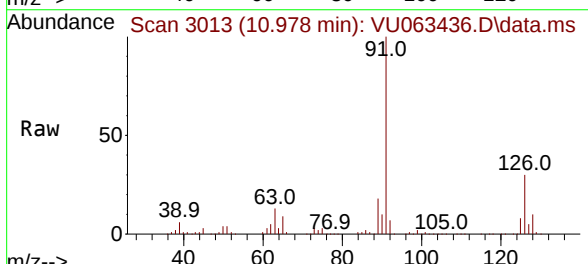
Tgt Ion:120 Resp: 203790
Ion Ratio Lower Upper
120 100
91 466.6 373.7 560.5

Manual Integrations
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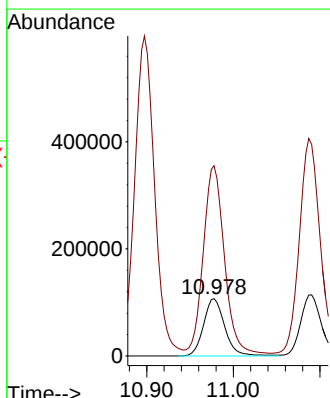
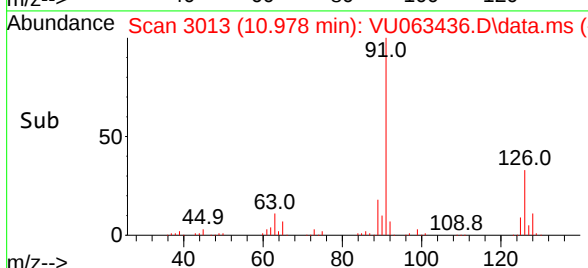
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

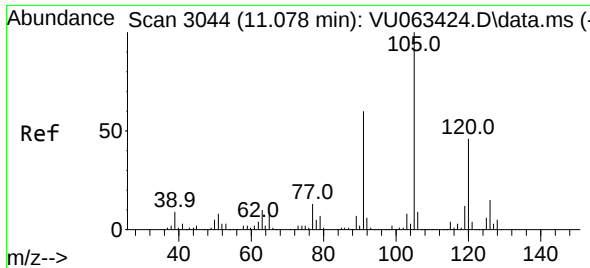


#74
2-Chlorotoluene
Concen: 11.084 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



Tgt Ion:126 Resp: 182463
Ion Ratio Lower Upper
126 100
91 334.1 0.0 650.8





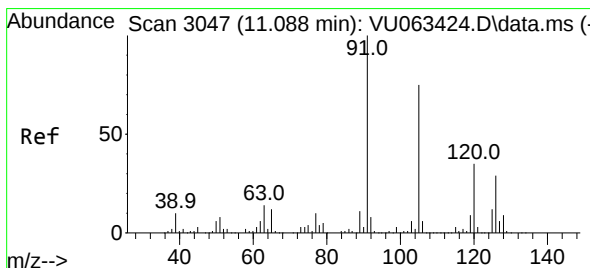
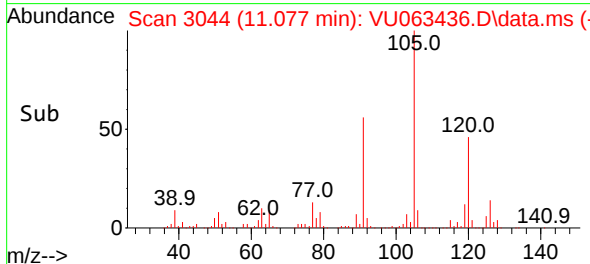
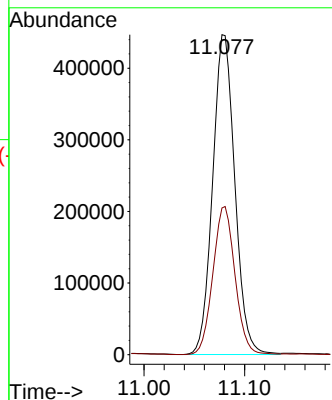
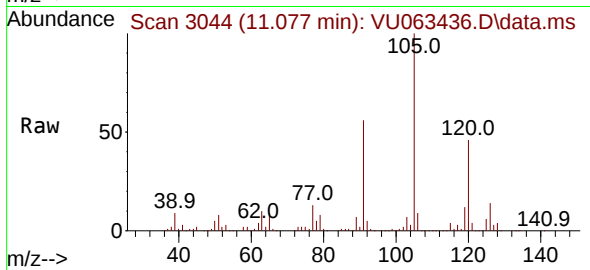
#75
1,3,5-Trimethylbenzene
Concen: 9.706 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.001 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 684744
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.4

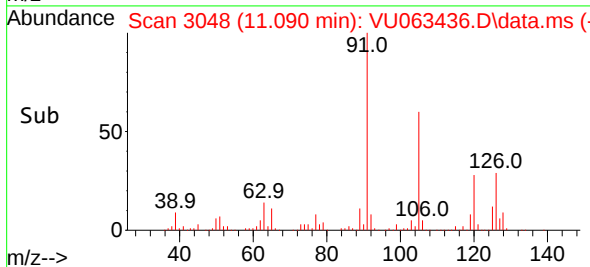
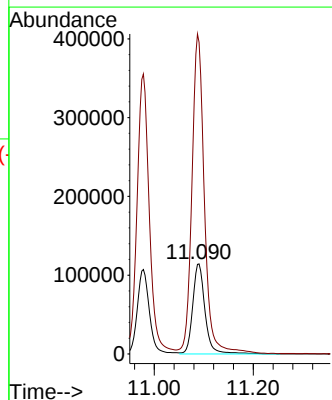
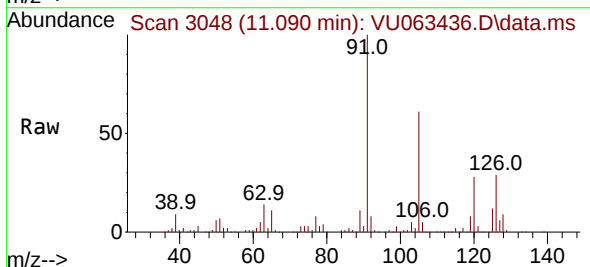
Manual Integrations
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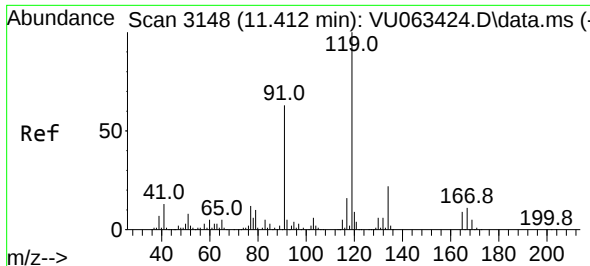
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 11.500 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.002 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

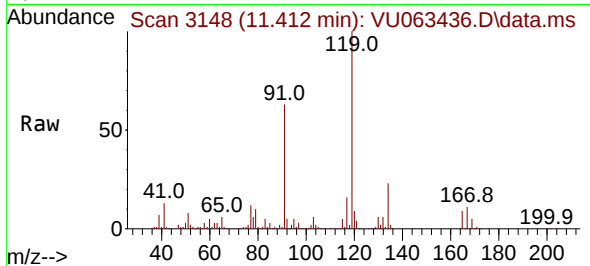
Tgt Ion:126 Resp: 198305
Ion Ratio Lower Upper
126 100
91 356.7 0.0 713.2





#77
tert-Butylbenzene
Concen: 11.157 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

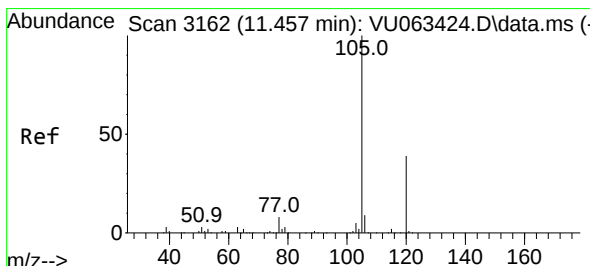
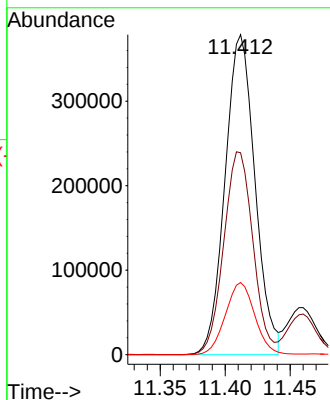
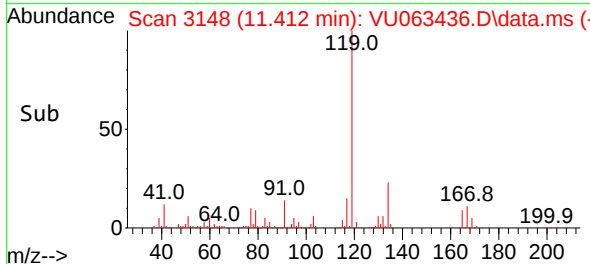
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 608219
Ion Ratio Lower Upper
119 100
91 61.6 30.9 92.7
134 22.2 17.9 26.9

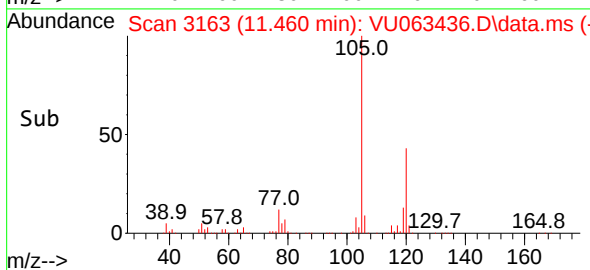
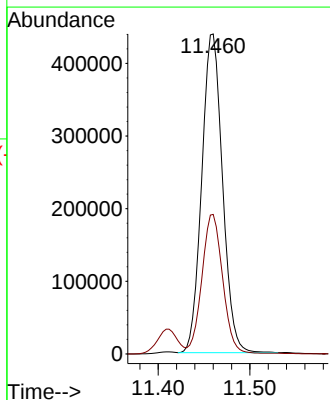
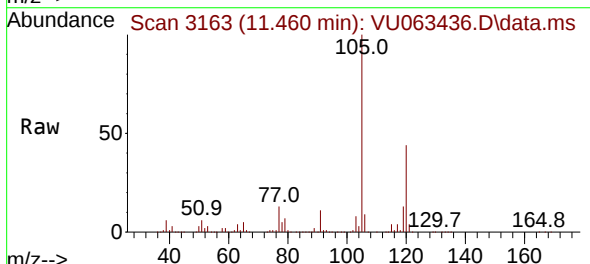
Manual Integrations
APPROVED

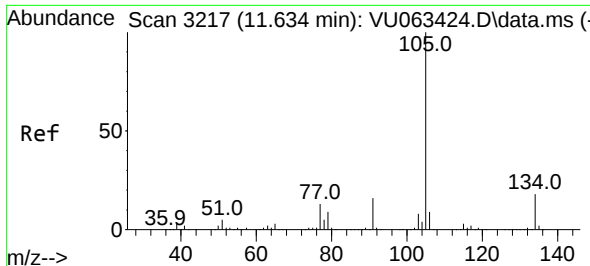
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#78
1,2,4-Trimethylbenzene
Concen: 9.643 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:105 Resp: 691015
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.5





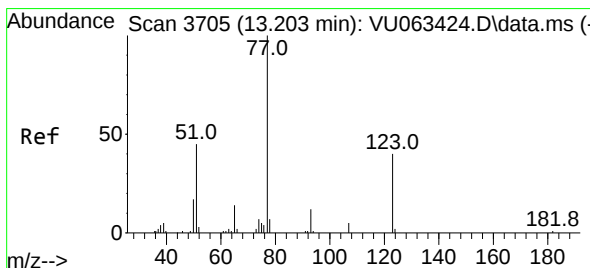
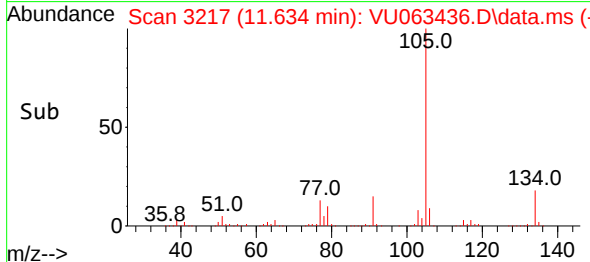
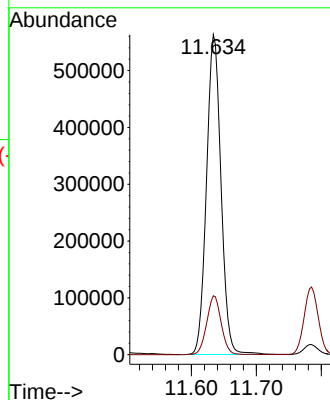
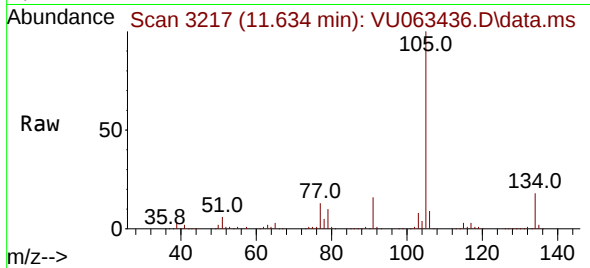
#79
 sec-Butylbenzene
 Concen: 11.322 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 874135
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2

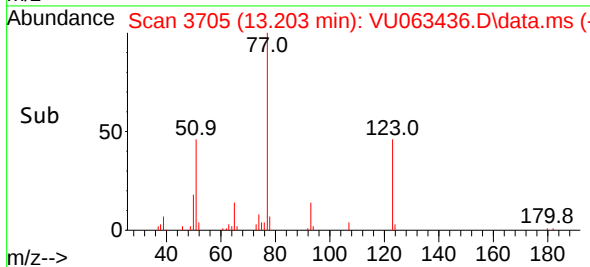
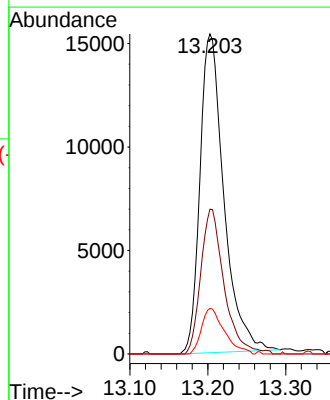
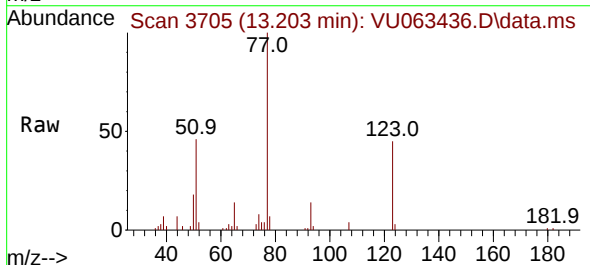
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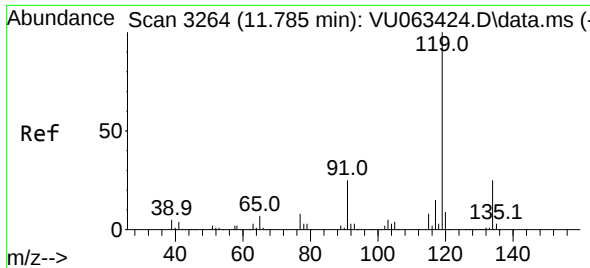
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 40.704 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063436.D
 Acq: 24 Jun 2025 13:49

Tgt Ion: 77 Resp: 32843
 Ion Ratio Lower Upper
 77 100
 123 44.3 19.6 69.6
 65 13.6 10.6 13.4#





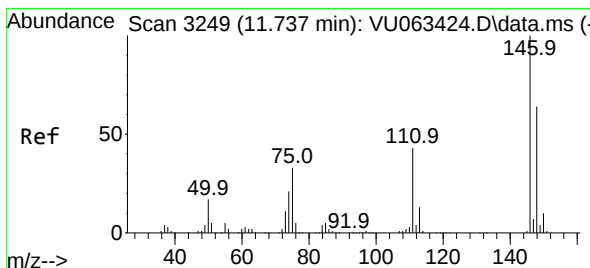
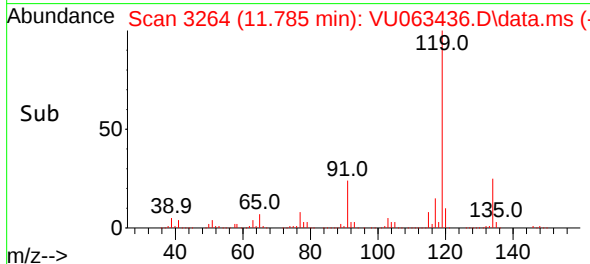
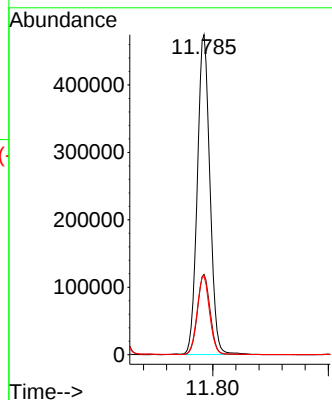
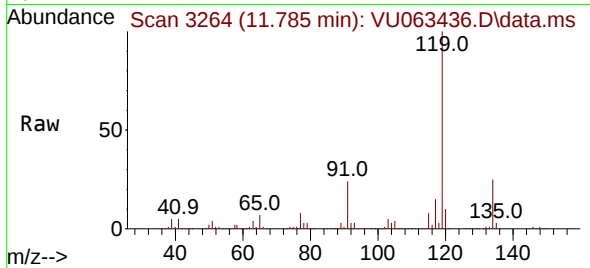
#81
p-Isopropyltoluene
Concen: 9.660 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 716018
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 24.4 19.7 29.5

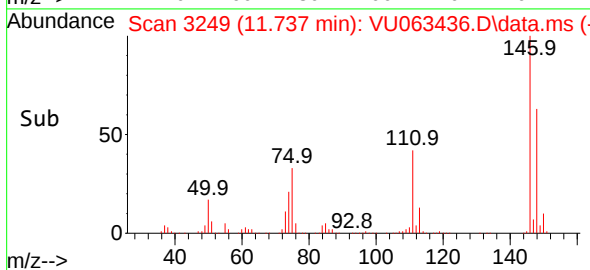
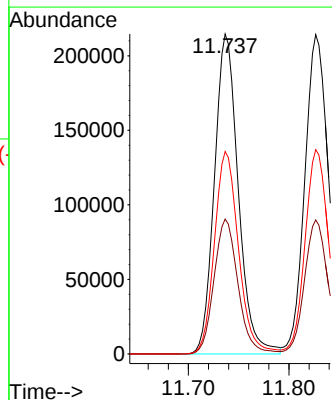
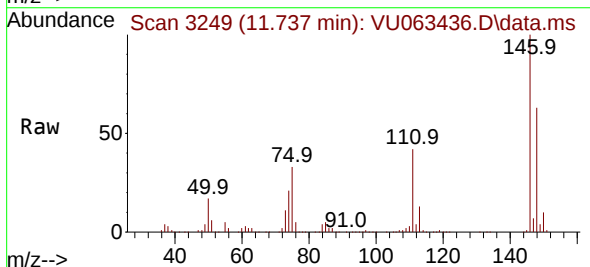
Manual Integrations
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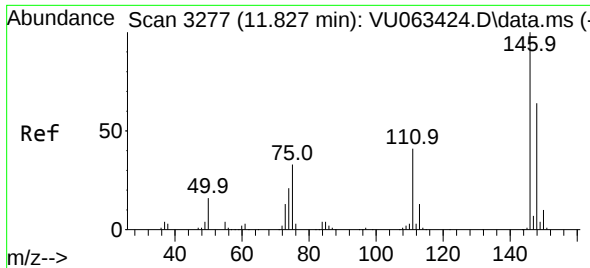
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 10.258 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

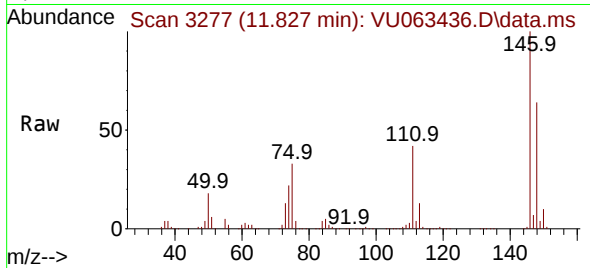
Tgt Ion:146 Resp: 353914
Ion Ratio Lower Upper
146 100
111 42.4 34.3 51.5
148 64.0 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.260 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

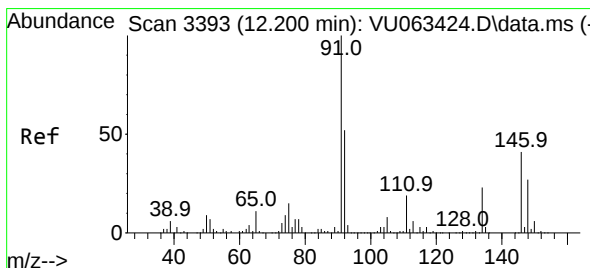
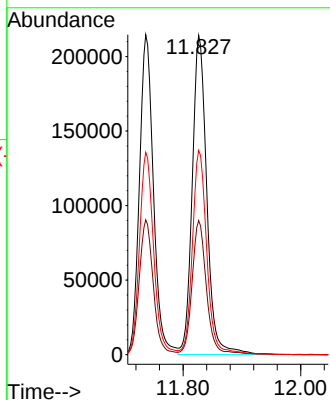
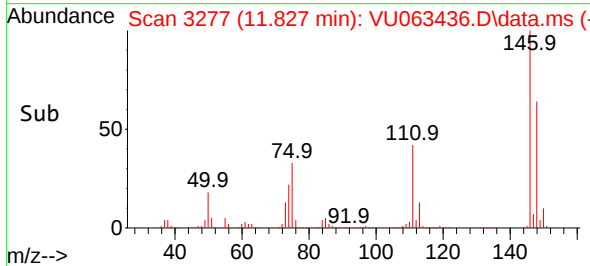
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



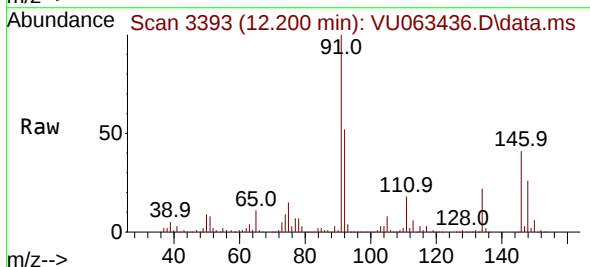
Tgt Ion:146 Resp: 367264
Ion Ratio Lower Upper
146 100
111 41.0 31.7 47.5
148 63.2 51.4 77.0

Manual Integrations
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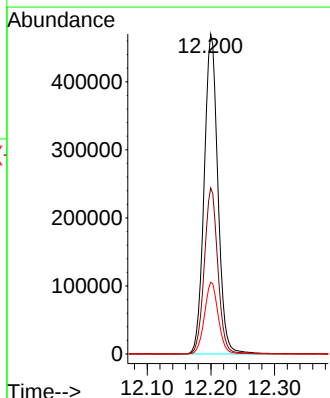
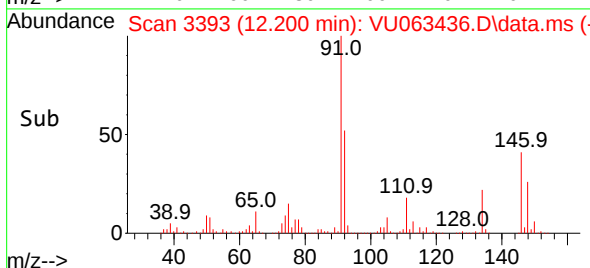
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

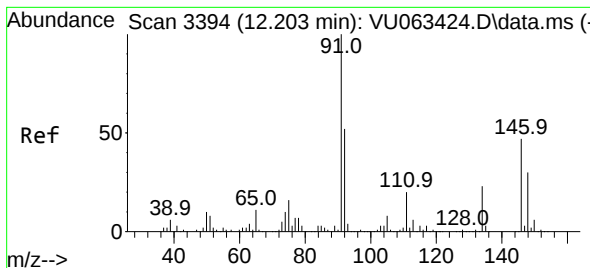


#84
n-Butylbenzene
Concen: 11.135 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



Tgt Ion: 91 Resp: 703738
Ion Ratio Lower Upper
91 100
92 51.3 41.0 61.6
134 22.6 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 10.306 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

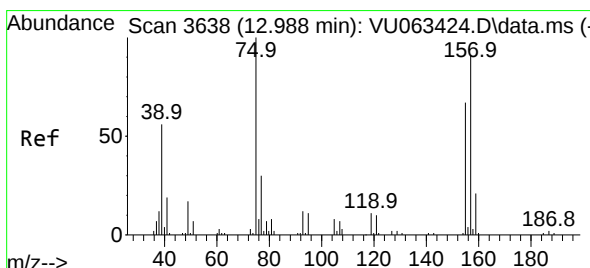
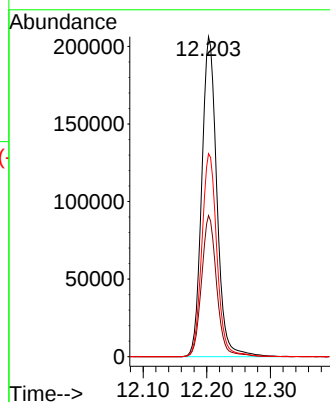
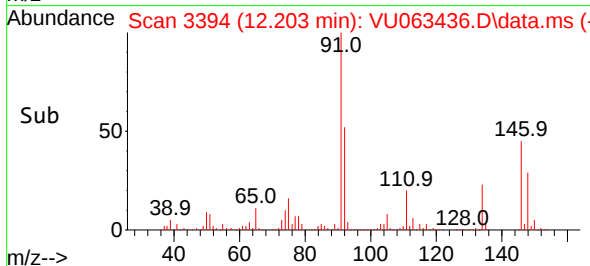
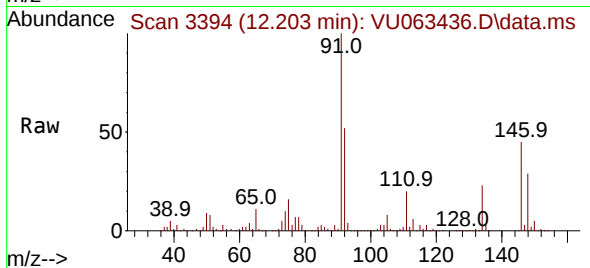
Tgt Ion:146 Resp: 340272

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.4
148	63.6	32.3	96.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.785 ug/l

RT: 12.987 min Scan# 3638

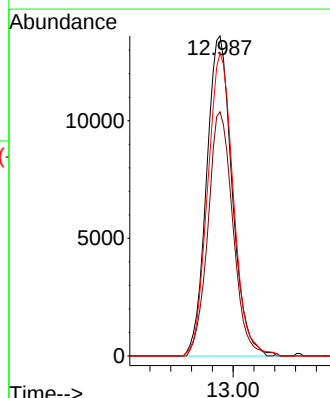
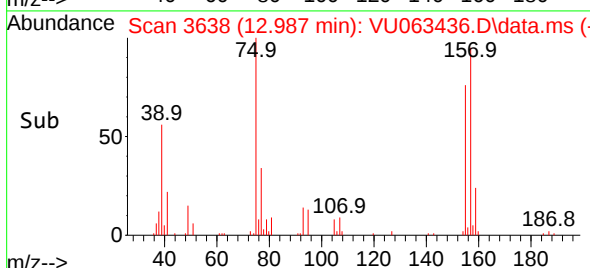
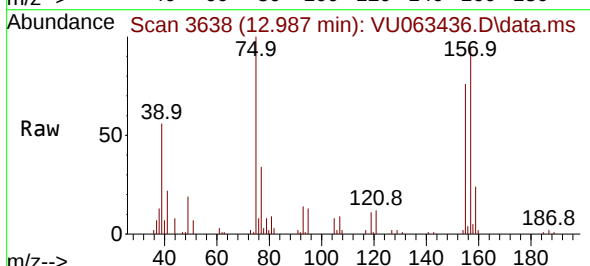
Delta R.T. -0.001 min

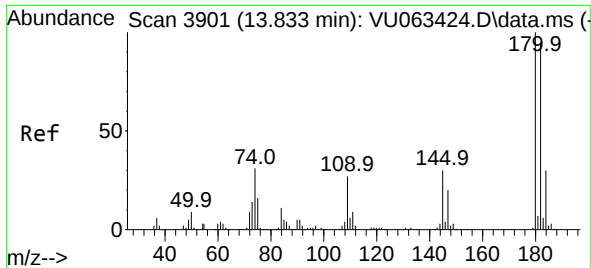
Lab File: VU063436.D

Acq: 24 Jun 2025 13:49

Tgt Ion: 75 Resp: 23218

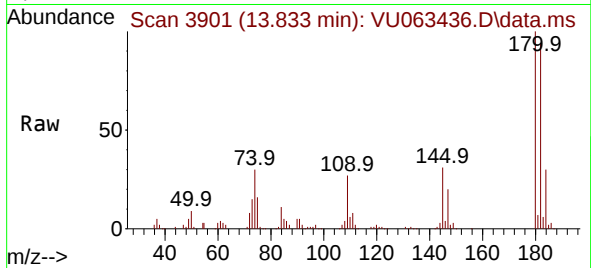
Ion	Ratio	Lower	Upper
75	100		
155	74.1	59.7	89.5
157	95.0	75.0	112.4





#87
1,2,4-Trichlorobenzene
Concen: 10.153 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

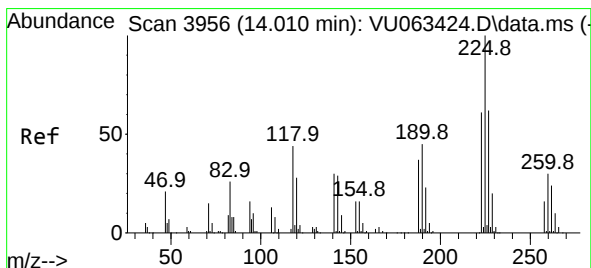
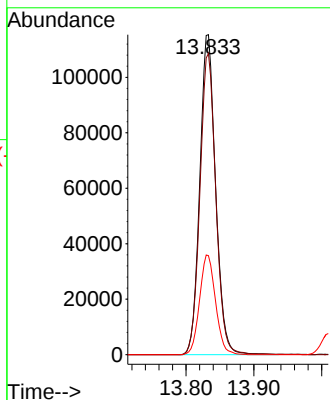
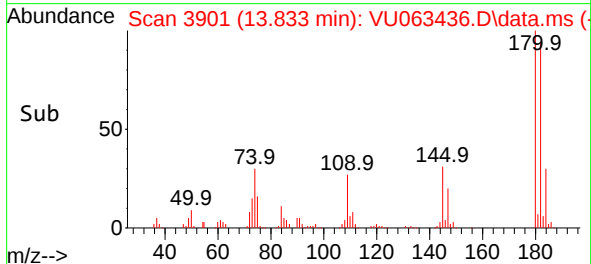
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



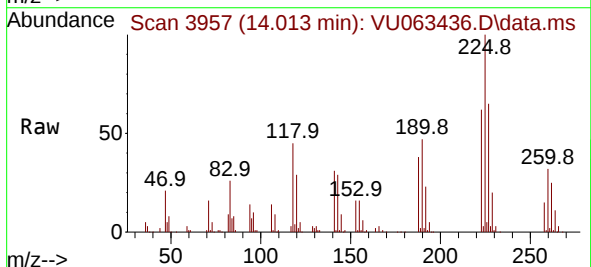
Tgt Ion:180 Resp: 18690
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 31.4 24.6 36.8

Manual Integrations
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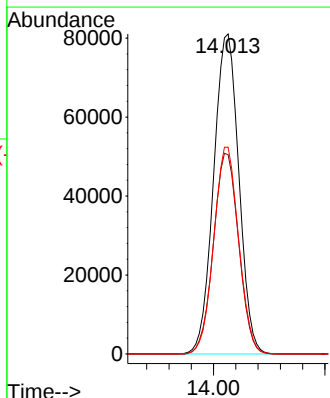
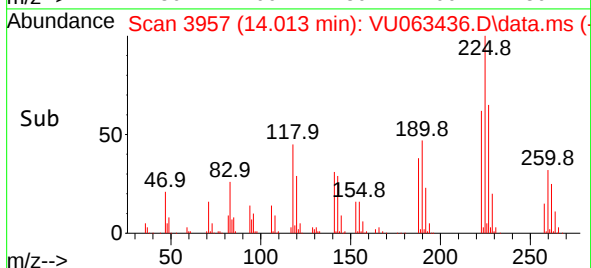
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

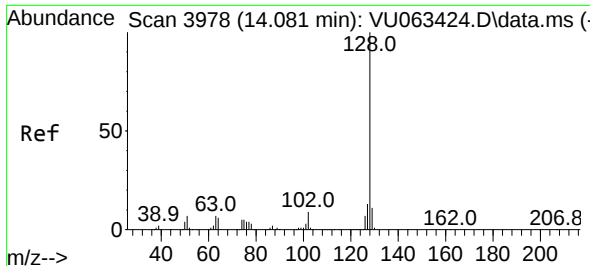


#88
Hexachlorobutadiene
Concen: 9.764 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49



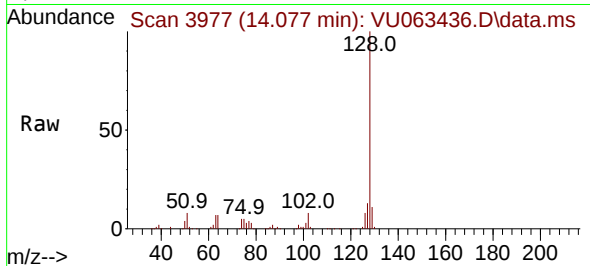
Tgt Ion:225 Resp: 127437
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 63.8 51.5 77.3





#89
Naphthalene
Concen: 8.326 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.004 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

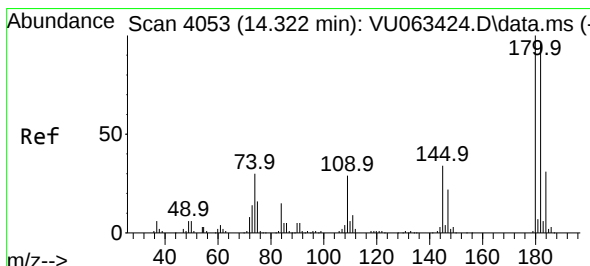
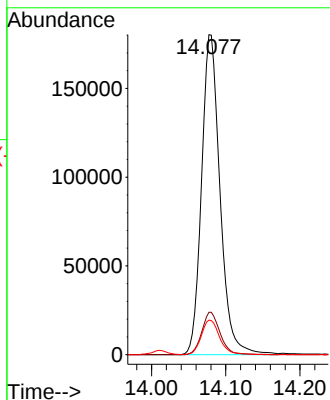
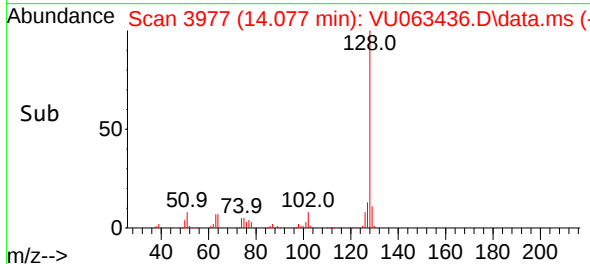
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 31150
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#90
1,2,3-Trichlorobenzene
Concen: 10.291 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063436.D
Acq: 24 Jun 2025 13:49

Tgt Ion:180 Resp: 188366
Ion Ratio Lower Upper
180 100
182 96.5 76.7 115.1
145 33.2 27.4 41.2

