

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063447.D
 Acq On : 24 Jun 2025 19:57
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 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 06:29:47 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	6.103	96	49772	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	20384	1.115	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18981	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	197327	10.322	ug/l	99
3) Chloromethane	1.518	50	196946	7.820	ug/l	99
4) Vinyl Chloride	1.596	62	177933	8.251	ug/l	99
5) Bromomethane	1.840	94	99082	9.590	ug/l	99
6) Chloroethane	1.920	64	92755	7.262	ug/l	100
7) Trichlorofluoromethane	2.126	101	221548	9.009	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	112327	8.575	ug/l	92
9) 1,1-Dichloroethene	2.567	96	115202	8.814	ug/l	87
10) Iodomethane	2.705	142	116466	11.040	ug/l	100
11) Allyl Chloride	2.907	41	143344	6.158	ug/l	96
12) Acrylonitrile	3.306	53	58201	15.414	ug/l	93
13) Acetone	2.621	43	90034	26.935	ug/l	98
14) Carbon Disulfide	2.776	76	350729	7.696	ug/l	100
15) Methylene Chloride	3.026	84	131327	7.928	ug/l	86
16) trans-1,2-Dichloroethene	3.332	96	135512	9.216	ug/l	93
17) 1,1-Dichloroethane	3.846	63	317291	10.276	ug/l	100
18) 2-Butanone	4.714	43	226607	43.003	ug/l	98
19) Cyclohexane	5.361	56	246756	10.564	ug/l	99
20) Methylcyclohexane	6.746	83	240214	11.076	ug/l	98
21) 2,2-Dichloropropane	4.644	77	185143	8.437	ug/l	98
22) cis-1,2-Dichloroethene	4.644	96	165322	10.300	ug/l	92
23) Diethyl Ether	2.370	59	85138	7.220	ug/l	89
24) tert-Butyl Alcohol	3.197	59	98669	79.430	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	347374	9.773	ug/l	97
26) Bromochloromethane	4.956	128	66171	10.592	ug/l	92
27) Chloroform	5.068	83	301128	10.403	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	252185	10.745	ug/l	99
29) 1,1-Dichloropropene	5.502	75	232879	10.862	ug/l	99
30) Carbon Tetrachloride	5.499	117	204916	10.931	ug/l	97
31) Isopropyl Ether	3.994	45	477051	9.890	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	419109	10.252	ug/l	98
33) Tert-Amyl methyl ether	5.946	73	328924	11.240	ug/l	98
34) Propionitrile	4.776	54	75125	49.284	ug/l	# 98
35) Benzene	5.756	78	715684	11.035	ug/l	100
36) 1,2-Dichloroethane	5.782	62	197138	10.398	ug/l	99
37) Trichloroethene	6.528	130	161784	10.556	ug/l	97
38) 1,2-Dichloropropane	6.782	63	202491	11.304	ug/l	100
39) Methacrylonitrile	4.972	41	57907	9.131	ug/l	97
40) Methyl acrylate	4.846	55	92303	10.366	ug/l	99
41) Tetrahydrofuran	5.062	42	58921	17.270	ug/l	92
42) 1-Chlorobutane	5.438	56	330912	10.879	ug/l	96
43) Dibromomethane	6.907	93	89450	10.690	ug/l	99
44) Bromodichloromethane	7.097	83	217531	10.672	ug/l	99

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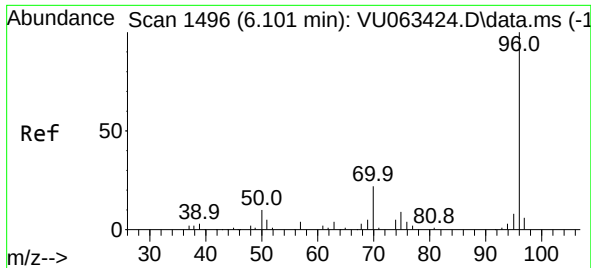
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 06:29:47 2025
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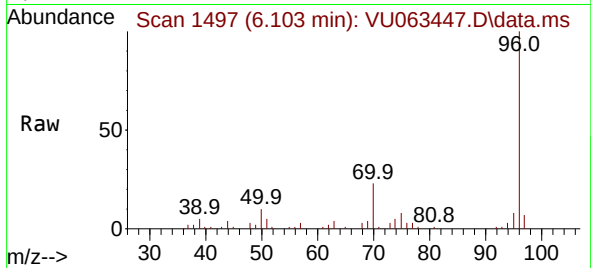
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	506690	56.409	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	50206m	17.004	ug/l	
47) Methyl methacrylate	6.965	69	162933	20.425	ug/l	99
48) Ethyl methacrylate	8.335	69	144193	10.153	ug/l	96
49) Toluene	7.962	92	426940	11.990	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	174490	11.871	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	223991	11.345	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	132600	10.840	ug/l	97
53) 1,3-Dichloropropane	8.566	76	231739	11.011	ug/l	99
54) 2-Hexanone	8.685	43	333045	47.752	ug/l	99
55) Dibromochloromethane	8.801	129	140526	11.135	ug/l	100
56) 1,2-Dibromoethane	8.917	107	104349	10.523	ug/l	100
58) Tetrachloroethene	8.544	164	162882	10.833	ug/l	99
59) Chlorobenzene	9.441	112	425901	11.172	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	148268	10.806	ug/l	99
61) Pentachloroethane	11.418	117	113652	10.167	ug/l	100
62) Hexachloroethane	12.467	117	108709	10.813	ug/l	96
63) Ethyl Benzene	9.563	91	747438	12.230	ug/l	100
64) m/p-Xylenes	9.685	106	594232	20.546	ug/l	99
65) o-Xylene	10.094	106	277572	11.956	ug/l	98
66) Styrene	10.106	104	484009	10.411	ug/l	100
67) Bromoform	10.283	173	75312	10.921	ug/l	99
69) Isopropylbenzene	10.476	105	646191	12.014	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	168535	10.771	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	135301m	10.588	ug/l	
72) Bromobenzene	10.775	156	167846	11.117	ug/l	85
73) n-propylbenzene	10.897	120	197702	10.132	ug/l	100
74) 2-Chlorotoluene	10.978	126	178182	11.939	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	668962	10.431	ug/l	99
76) 4-Chlorotoluene	11.090	126	180699	11.559	ug/l	89
77) tert-Butylbenzene	11.412	119	581988	11.777	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	666167	10.228	ug/l	99
79) sec-Butylbenzene	11.634	105	845796	12.084	ug/l	99
80) Nitrobenzene	13.203	77	33148	45.141	ug/l #	97
81) p-Isopropyltoluene	11.785	119	685091	10.172	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	344887	11.027	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	355428	10.953	ug/l	99
84) n-Butylbenzene	12.200	91	667287	11.646	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	331003	11.059	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	24244	11.271	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	179188	10.737	ug/l	99
88) Hexachlorobutadiene	14.013	225	121434	10.263	ug/l	100
89) Naphthalene	14.081	128	312238	9.113	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	182533	11.000	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.002 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

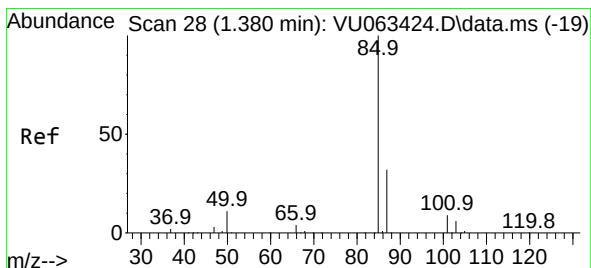
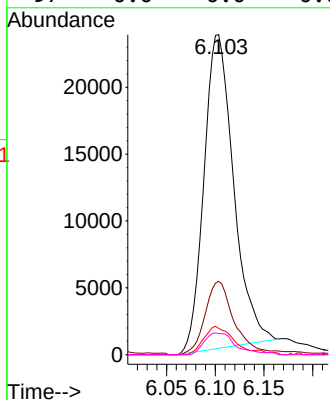
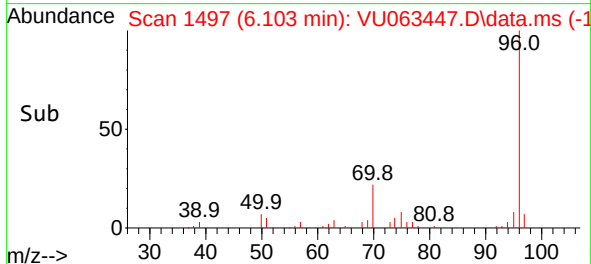
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 49772
Ion Ratio Lower Upper
96 100
70 21.8 16.4 24.6
95 7.5 6.2 9.2
97 0.0 0.0 0.0

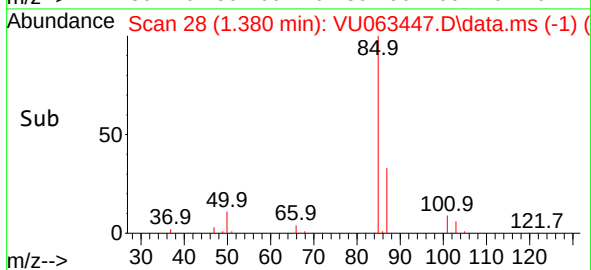
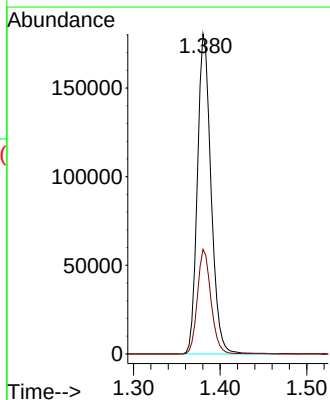
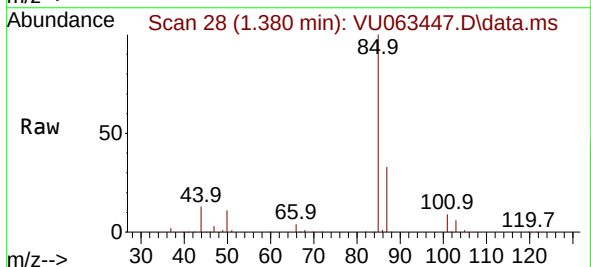
Manual Integrations
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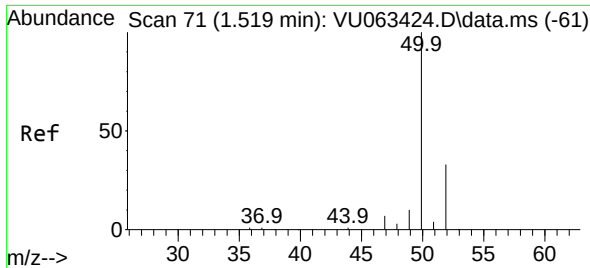
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 10.322 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

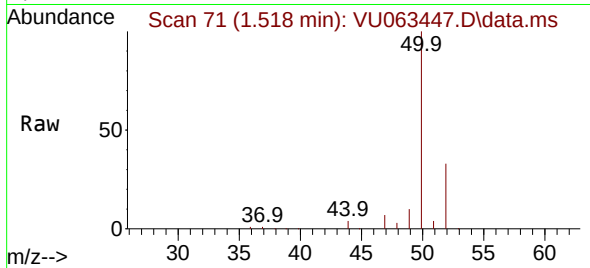
Tgt Ion: 85 Resp: 197327
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5





#3
Chloromethane
Concen: 7.820 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

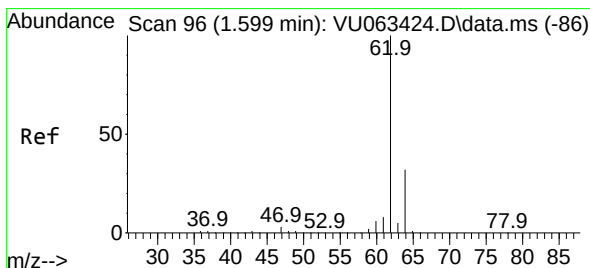
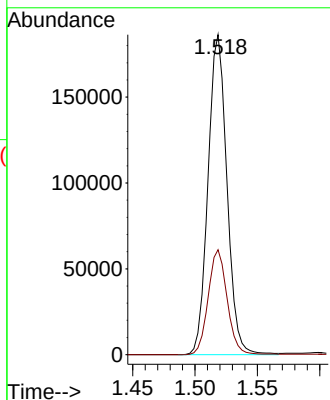
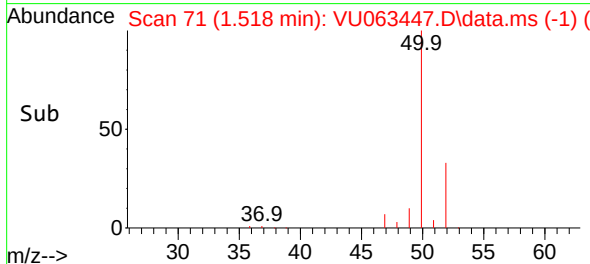
Instrument :
MSVOA_U
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VSTDCCC010EC



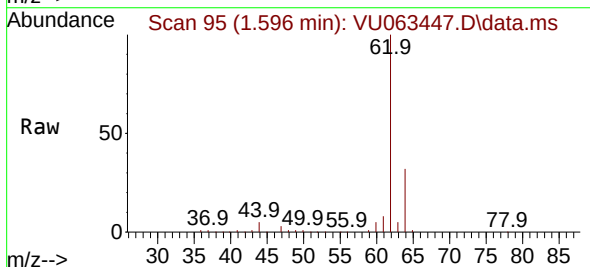
Tgt Ion: 50 Resp: 196940
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

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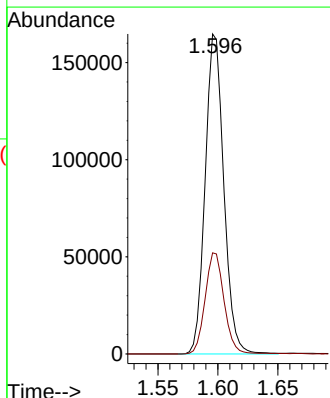
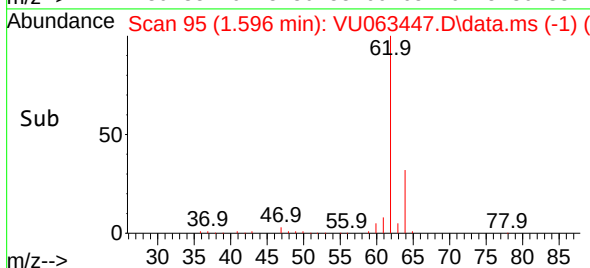
Reviewed By :Mahesh Dadoda 06/25/2025
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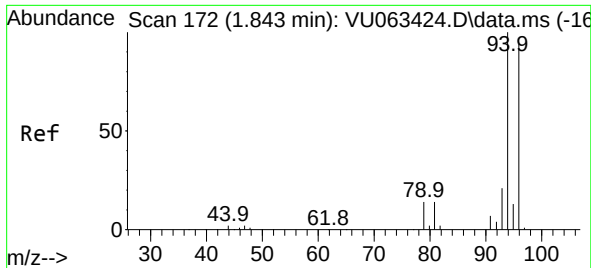


#4
Vinyl Chloride
Concen: 8.251 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



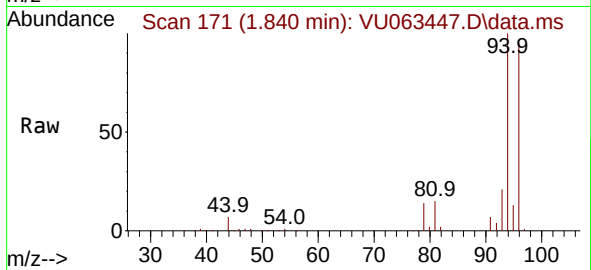
Tgt Ion: 62 Resp: 177933
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 9.590 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

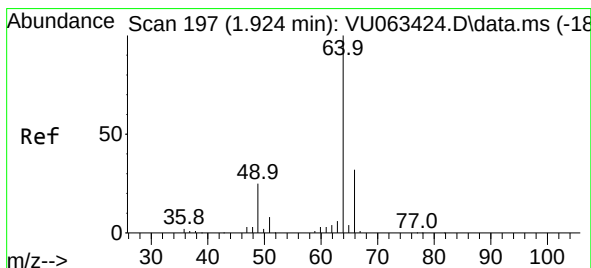
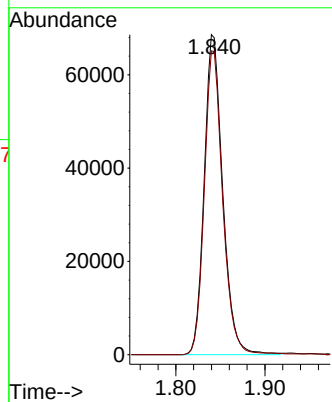
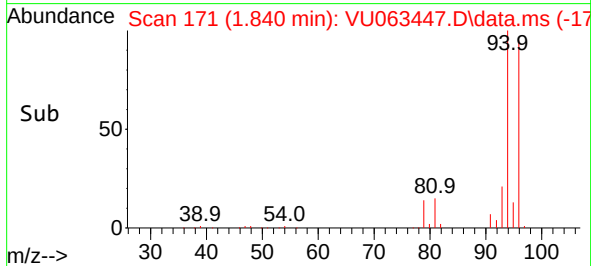
Instrument :
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Tgt Ion: 94 Resp: 9908
Ion Ratio Lower Upper
94 100
96 94.9 74.8 112.2

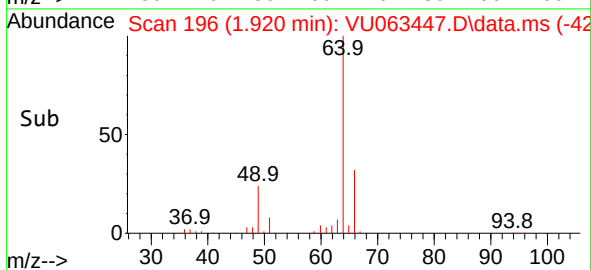
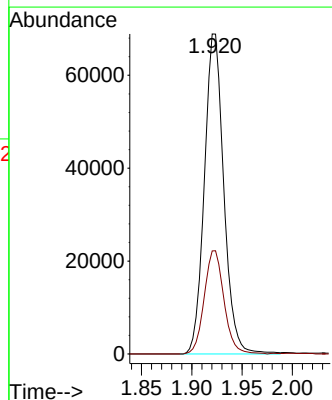
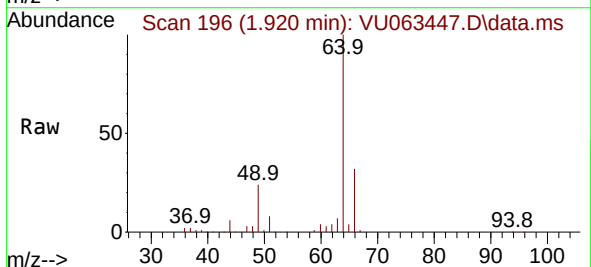
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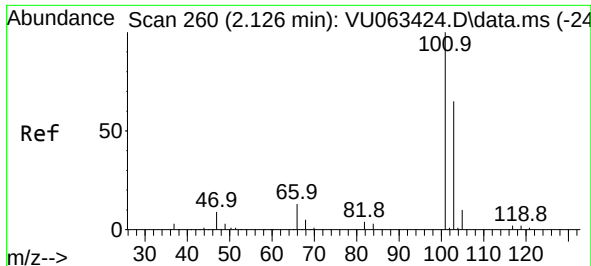
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 7.262 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

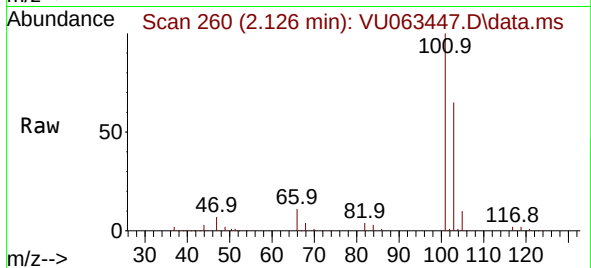
Tgt Ion: 64 Resp: 92755
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 9.009 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57

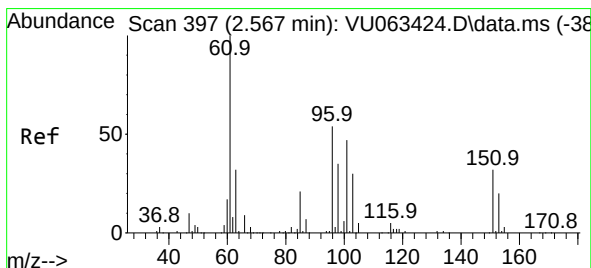
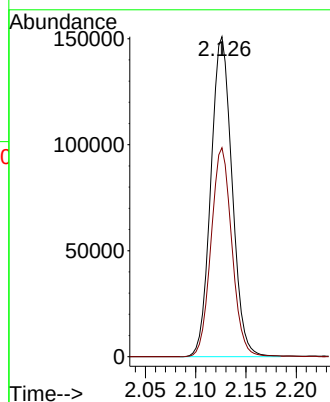
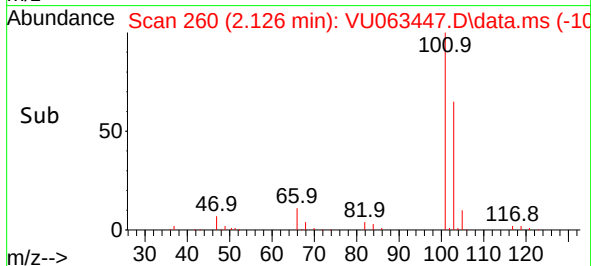
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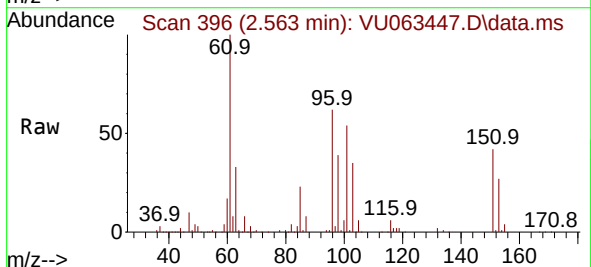
Tgt Ion:101 Resp: 221548
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

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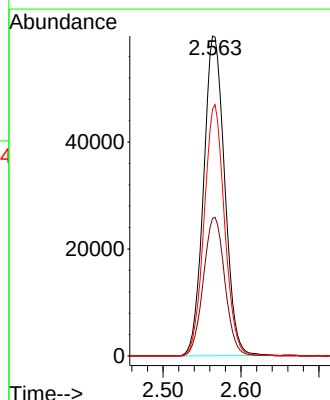
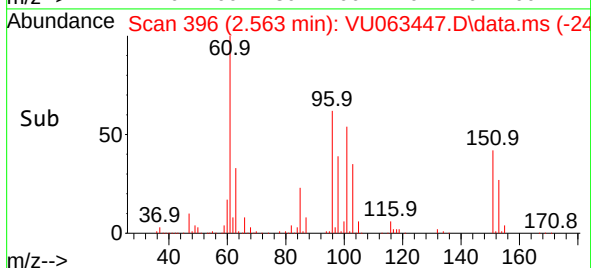
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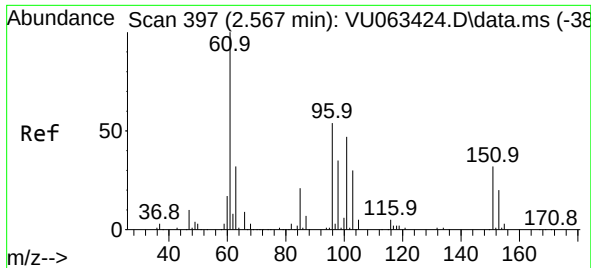


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.575 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.004 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57



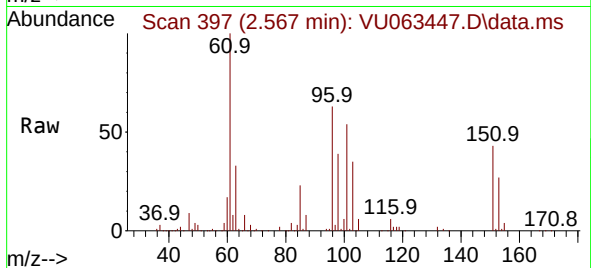
Tgt Ion:101 Resp: 112327
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.7 55.1
 151 76.0 53.9 80.9





#9
1,1-Dichloroethene
Concen: 8.814 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

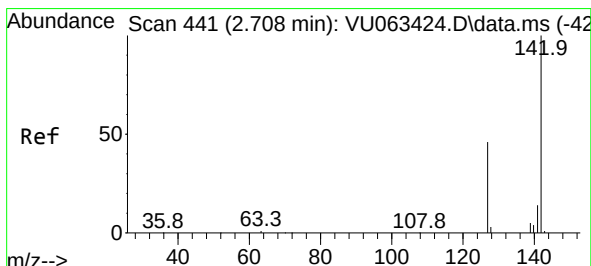
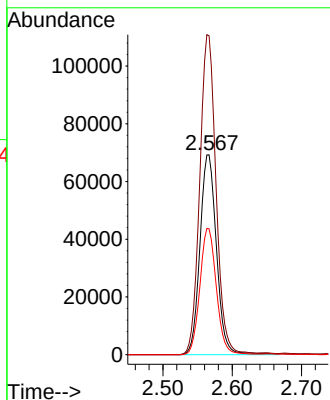
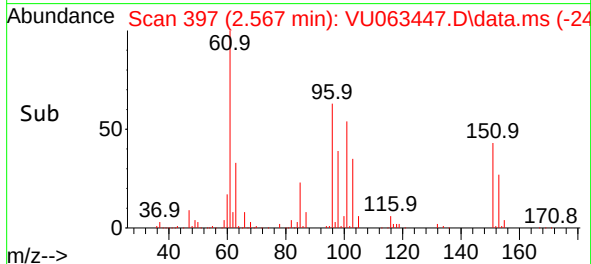
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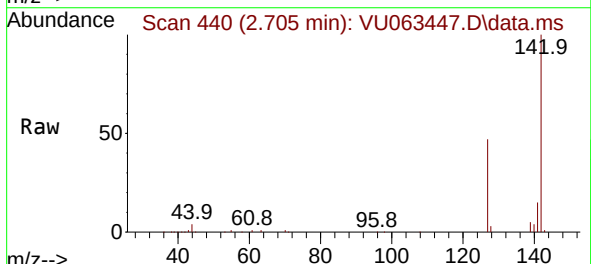
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Ion Ratio Lower Upper
96 100
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98 63.0 0.0 128.4

Manual Integrations
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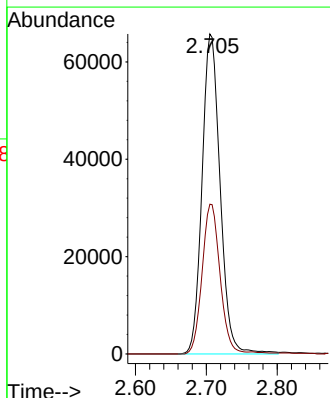
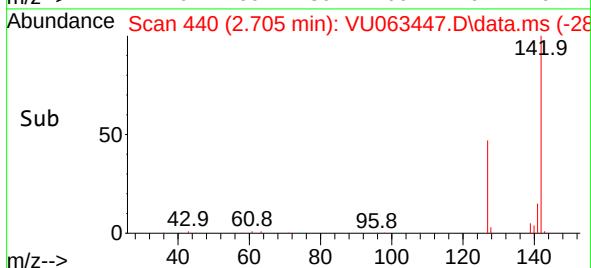
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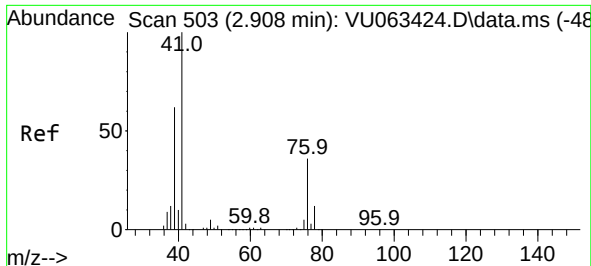


#10
Iodomethane
Concen: 11.040 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



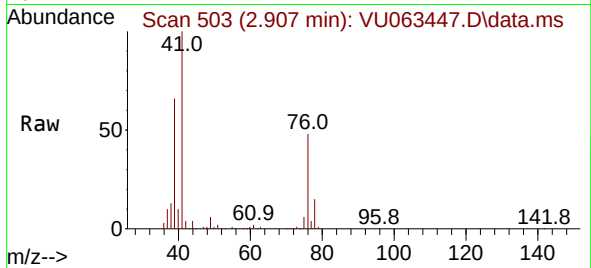
Tgt Ion:142 Resp: 116466
Ion Ratio Lower Upper
142 100
127 46.3 36.9 55.3





#11
 Allyl Chloride
 Concen: 6.158 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57

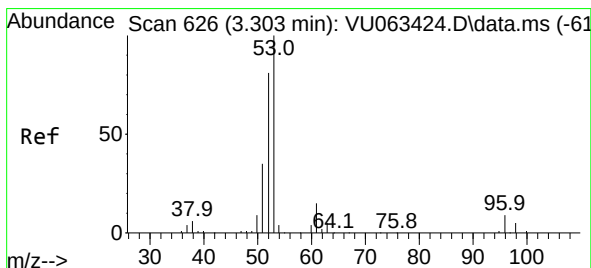
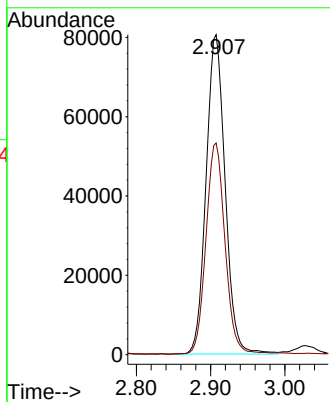
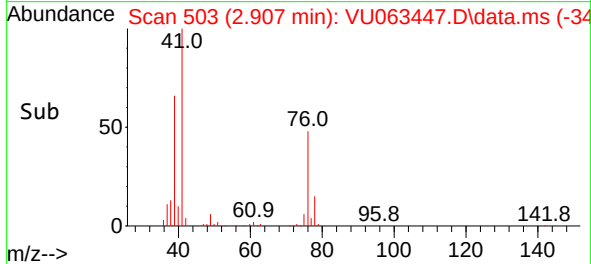
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



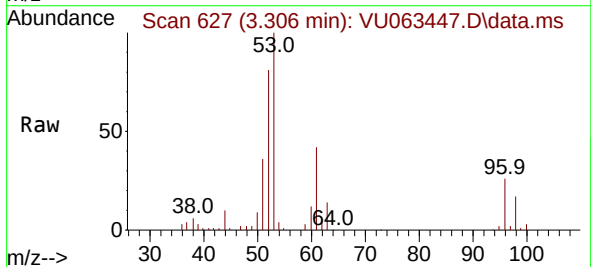
Tgt Ion: 41 Resp: 143344
 Ion Ratio Lower Upper
 41 100
 39 66.1 50.3 75.5

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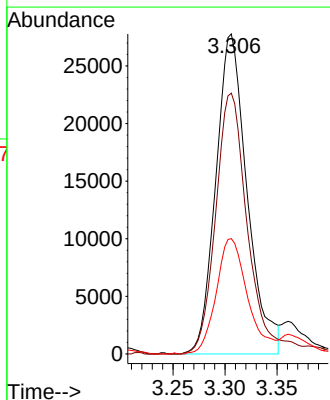
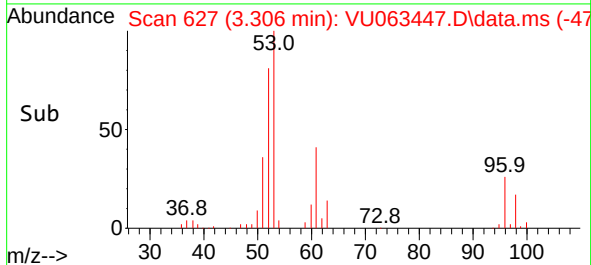
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

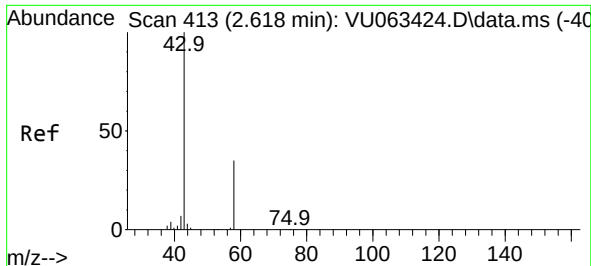


#12
 Acrylonitrile
 Concen: 15.414 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57



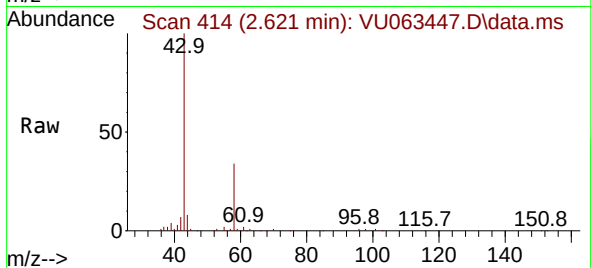
Tgt Ion: 53 Resp: 58201
 Ion Ratio Lower Upper
 53 100
 52 84.7 62.8 94.2
 51 36.5 26.2 39.4





#13
Acetone
Concen: 26.935 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

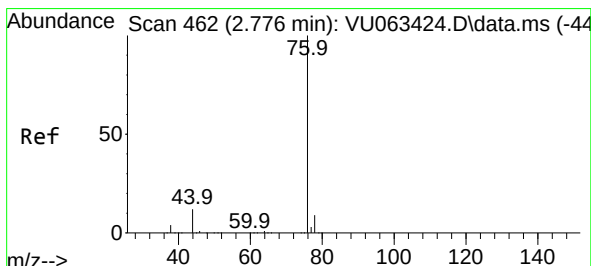
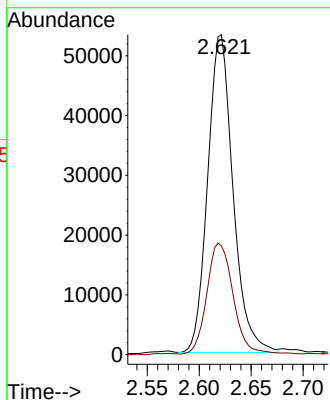
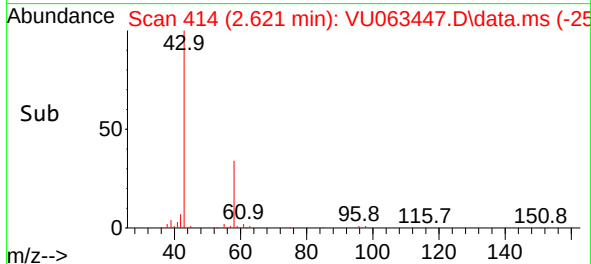
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 90034
Ion Ratio Lower Upper
43 100
58 34.0 28.3 42.5

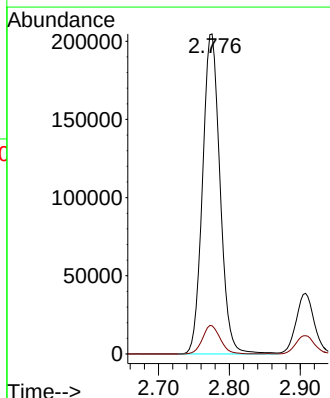
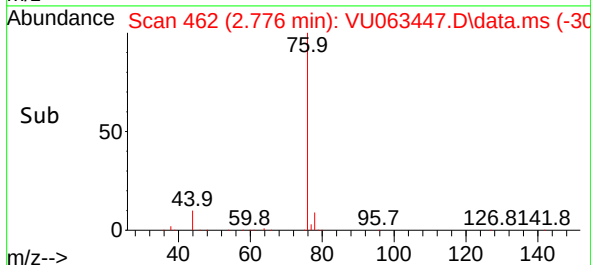
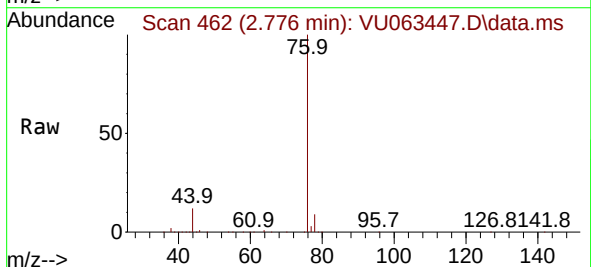
Manual Integrations
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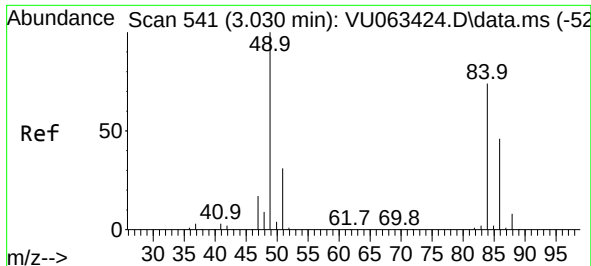
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#14
Carbon Disulfide
Concen: 7.696 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

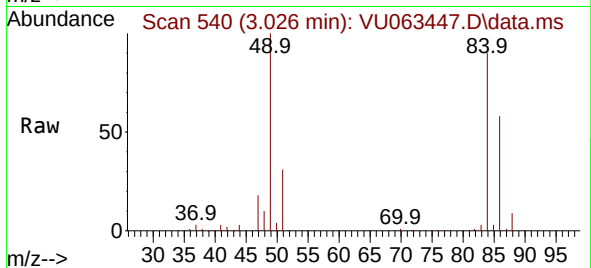
Tgt Ion: 76 Resp: 350729
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3





#15
Methylene Chloride
Concen: 7.928 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

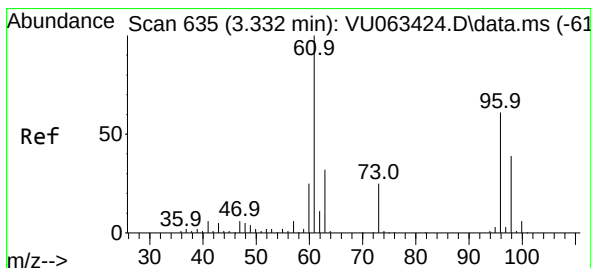
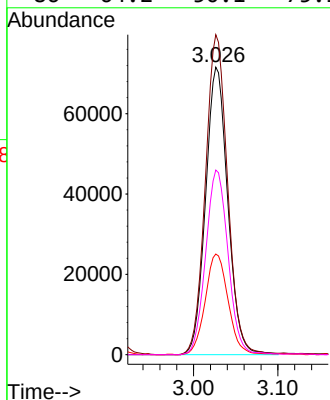
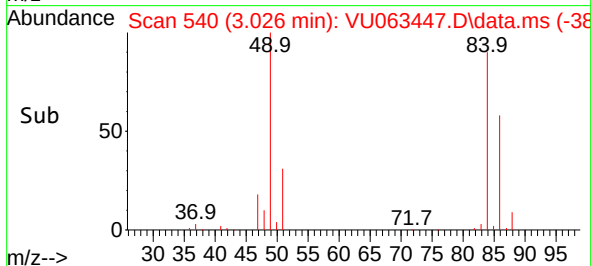
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 131327
Ion Ratio Lower Upper
84 100
49 111.3 108.7 163.1
51 35.0 0.0 83.8
86 64.2 50.1 75.1

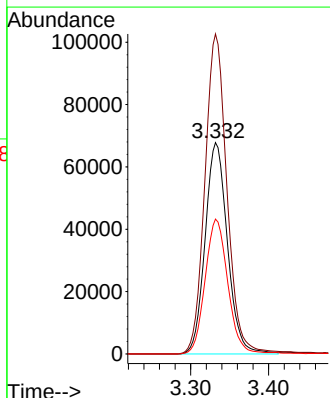
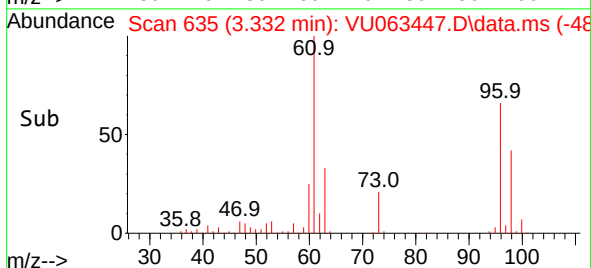
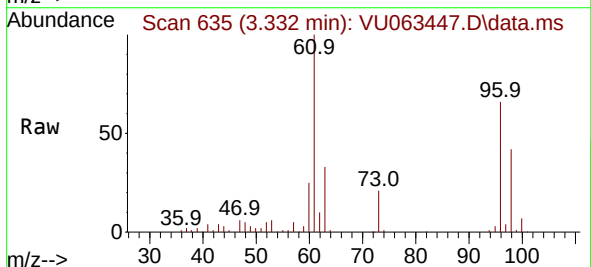
Manual Integrations
APPROVED

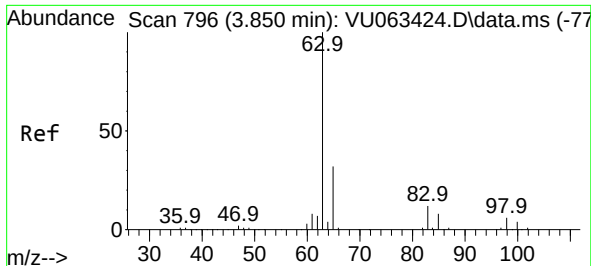
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#16
trans-1,2-Dichloroethene
Concen: 9.216 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion: 96 Resp: 135512
Ion Ratio Lower Upper
96 100
61 151.4 132.1 198.1
98 63.8 51.0 76.4





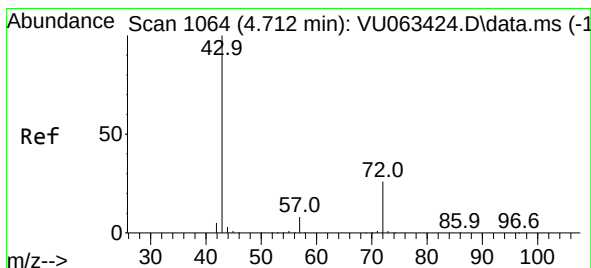
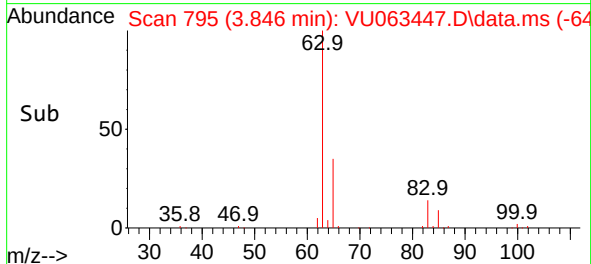
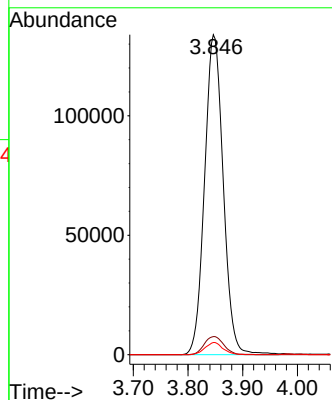
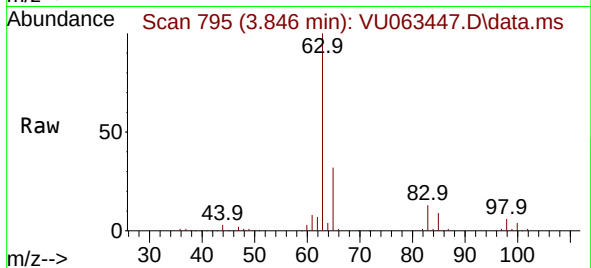
#17
1,1-Dichloroethane
Concen: 10.276 ug/l
RT: 3.846 min Scan# 795
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 31729
Ion Ratio Lower Upper
63 100
98 5.7 2.8 8.4
100 3.8 1.9 5.7

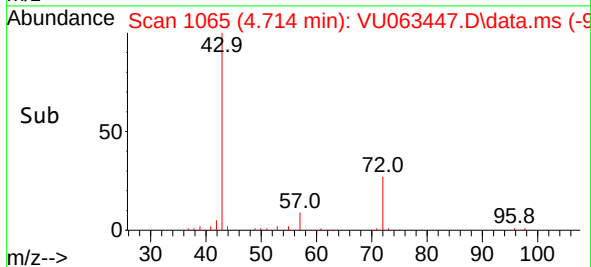
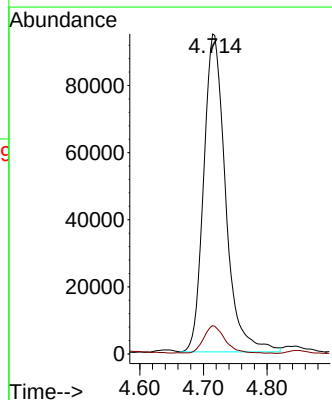
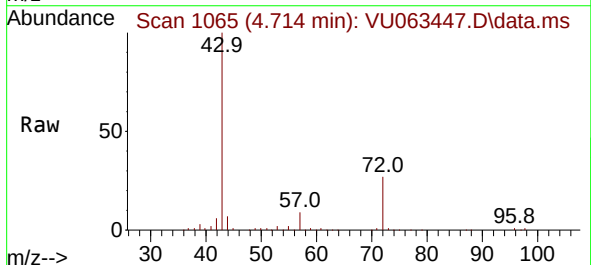
Manual Integrations
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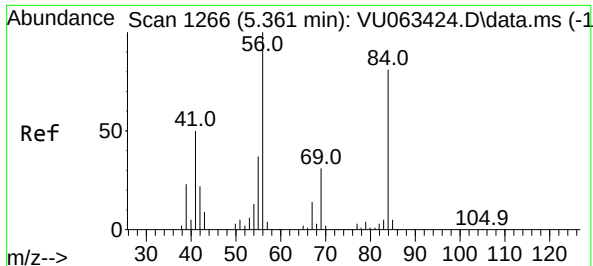
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 43.003 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion: 43 Resp: 226607
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.0





#19

Cyclohexane

Concen: 10.564 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063447.D

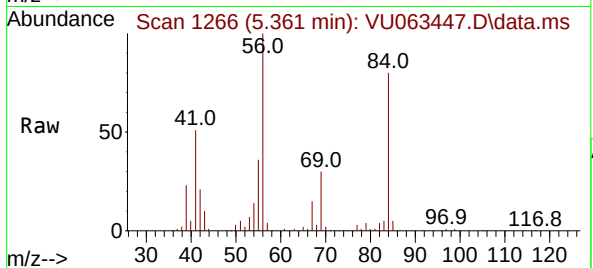
Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



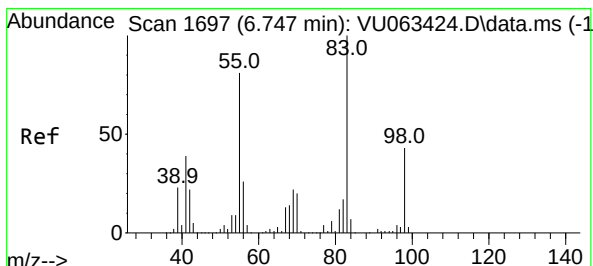
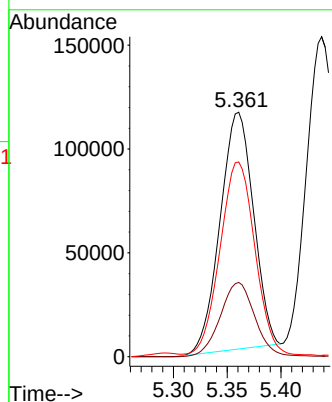
Tgt Ion: 56 Resp: 246750

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.4	39.6
84	84.5	68.6	102.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 11.076 ug/l

RT: 6.746 min Scan# 1697

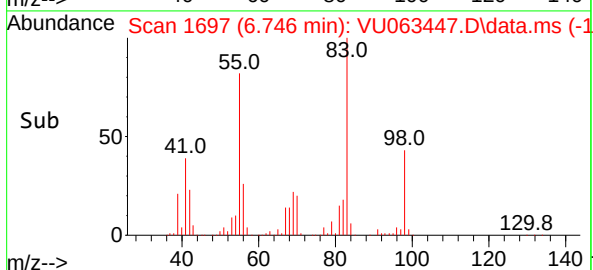
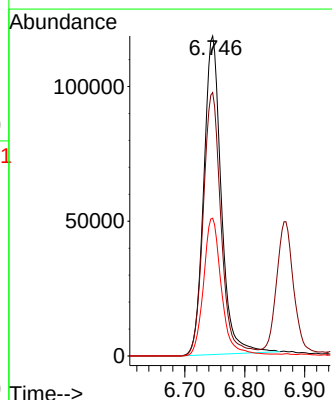
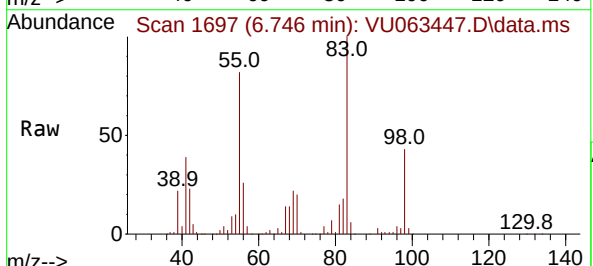
Delta R.T. -0.000 min

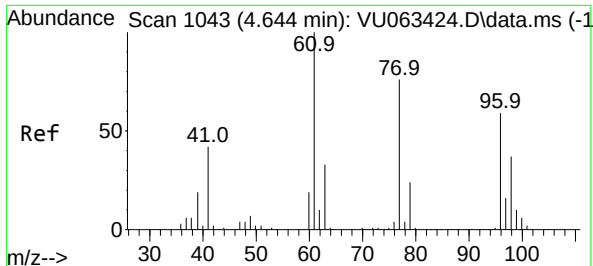
Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Tgt Ion: 83 Resp: 240214

Ion	Ratio	Lower	Upper
83	100		
55	81.5	63.5	95.3
98	43.6	34.2	51.4





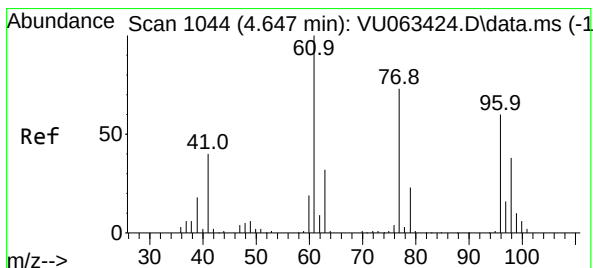
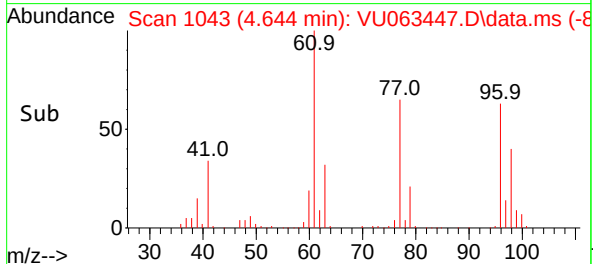
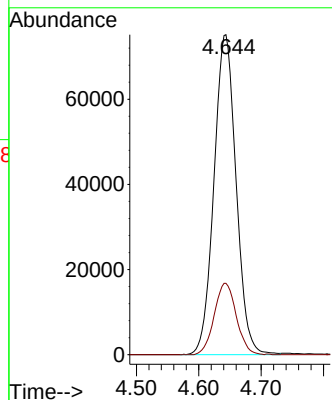
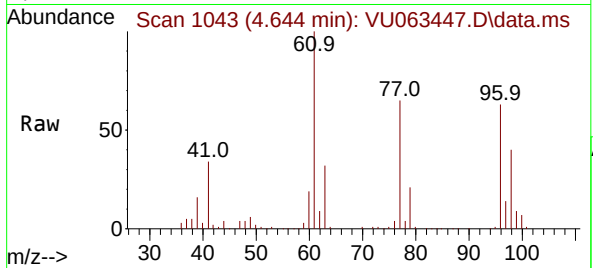
#21
2,2-Dichloropropane
Concen: 8.437 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 18514
Ion Ratio Lower Upper
77 100
97 22.3 17.2 25.8

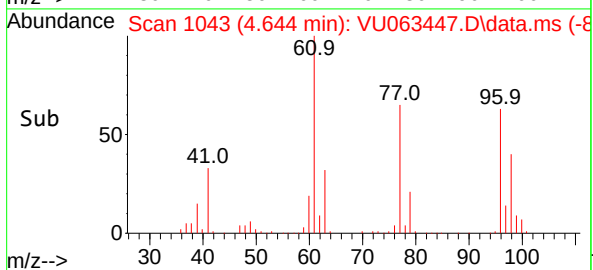
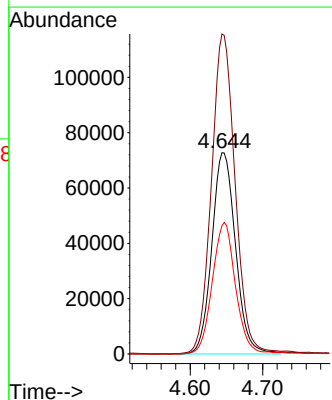
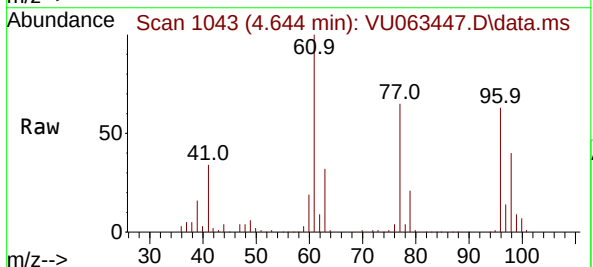
Manual Integrations
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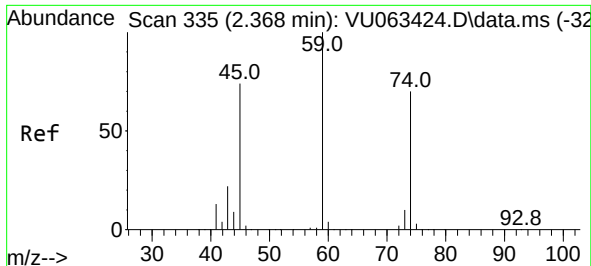
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 10.300 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

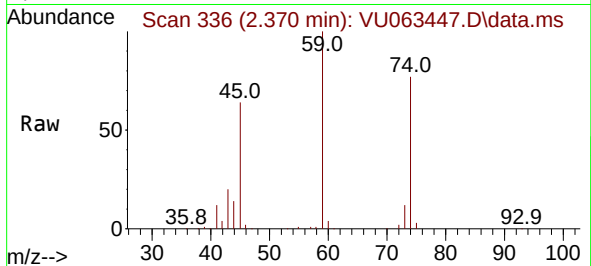
Tgt Ion: 96 Resp: 165322
Ion Ratio Lower Upper
96 100
61 159.0 0.0 434.3
98 63.9 31.9 95.7





#23
Diethyl Ether
Concen: 7.220 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

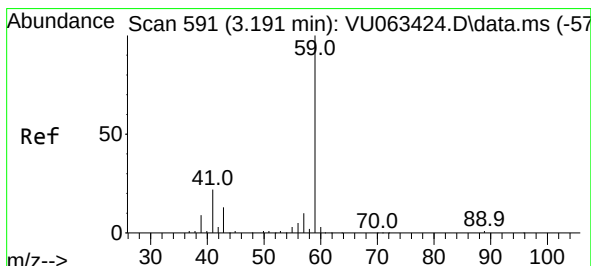
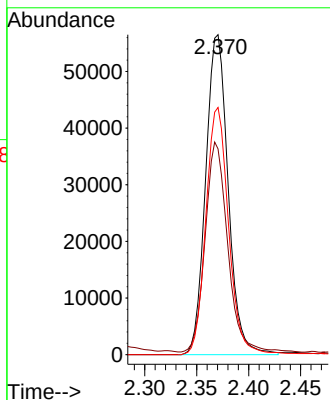
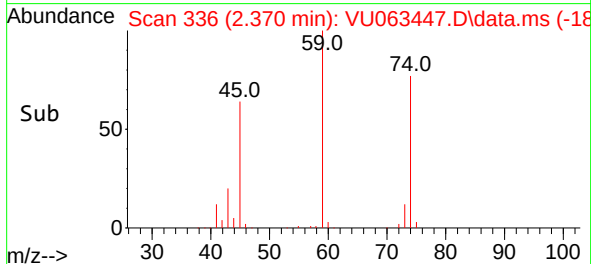
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 85138
Ion Ratio Lower Upper
59 100
45 65.8 60.7 91.1
74 78.2 55.8 83.6

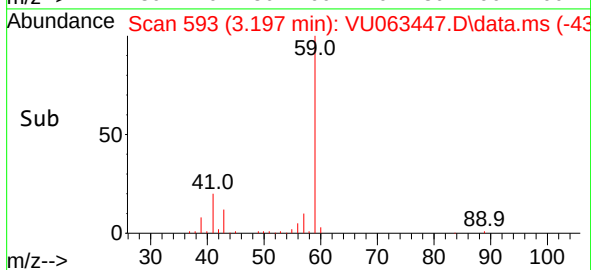
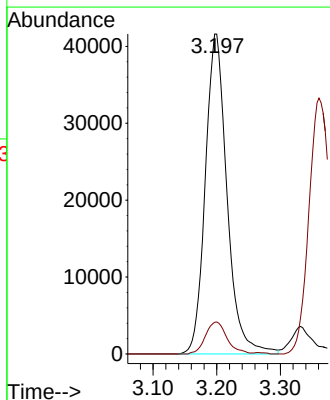
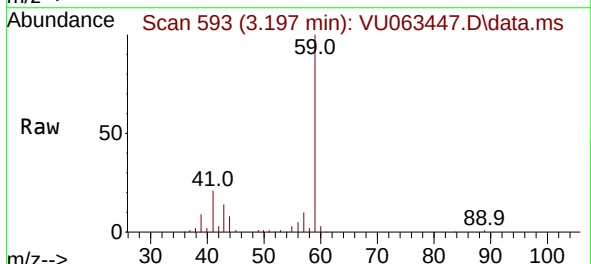
Manual Integrations
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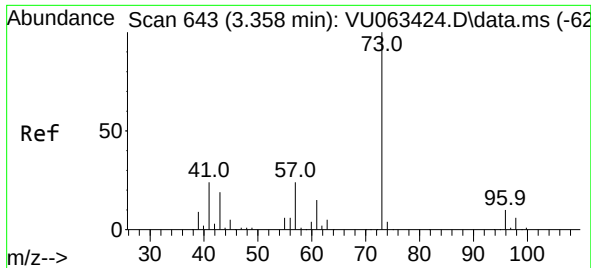
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 79.430 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion: 59 Resp: 98669
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8





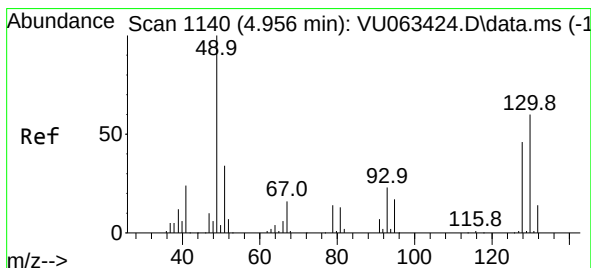
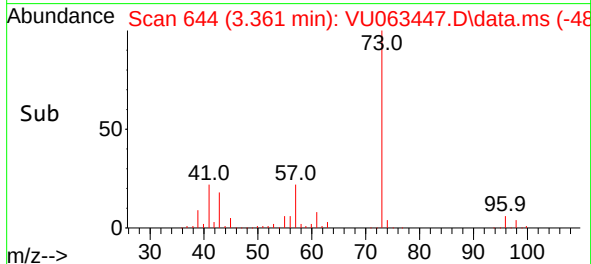
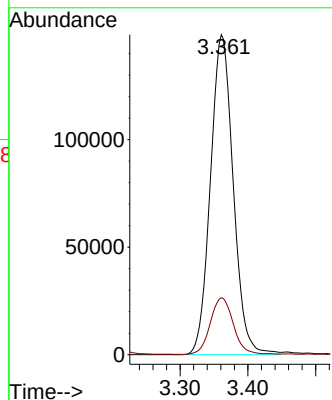
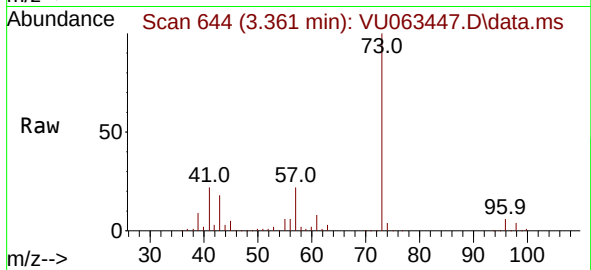
#25
Methyl tert-Butyl Ether
Concen: 9.773 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 347374
Ion Ratio Lower Upper
73 100
43 17.7 15.1 22.7

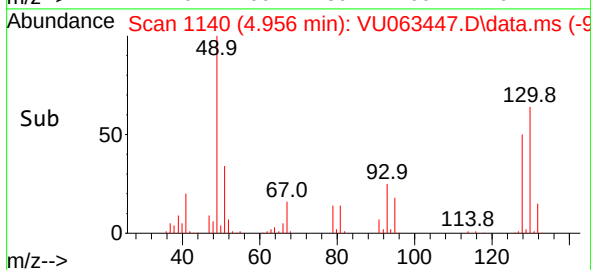
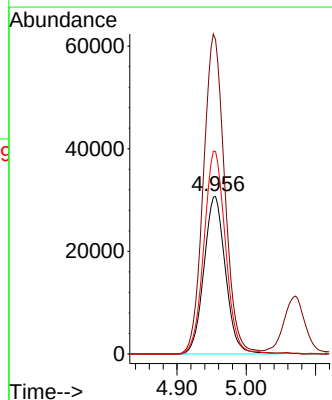
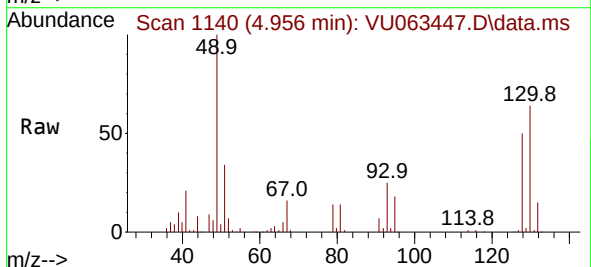
Manual Integrations
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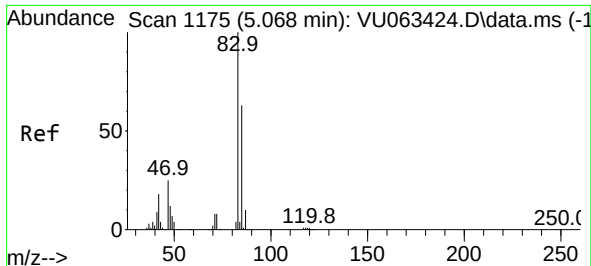
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 10.592 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion:128 Resp: 66171
Ion Ratio Lower Upper
128 100
49 201.4 0.0 441.2
130 128.9 102.3 153.5





#27

Chloroform

Concen: 10.403 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 301128

Ion Ratio Lower Upper

83 100

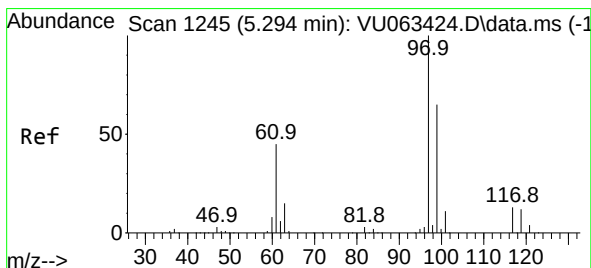
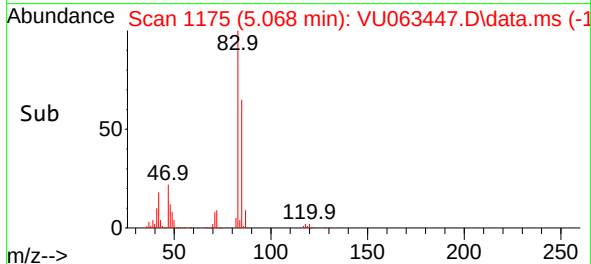
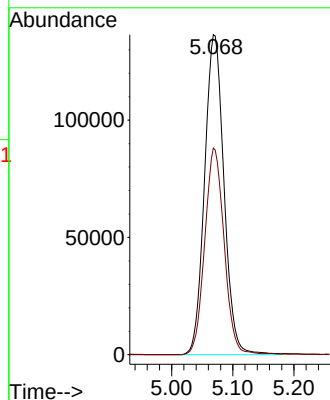
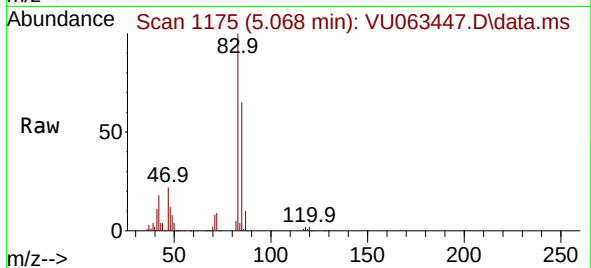
85 64.6 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 10.745 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

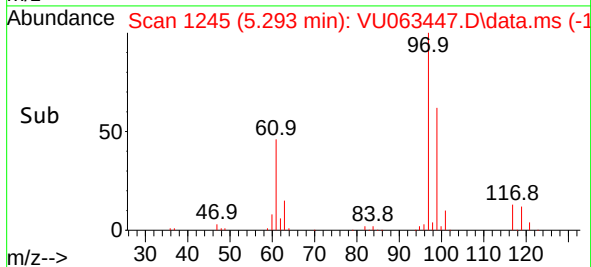
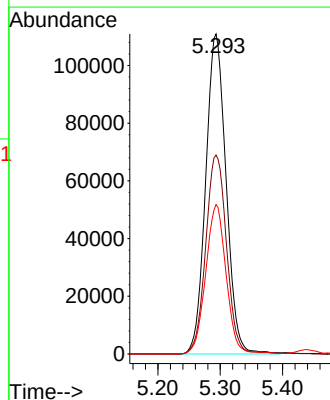
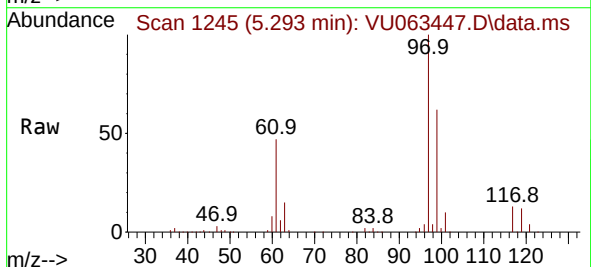
Tgt Ion: 97 Resp: 252185

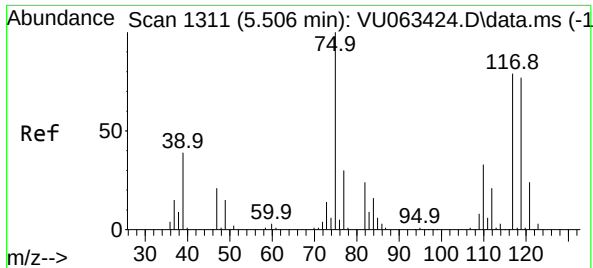
Ion Ratio Lower Upper

97 100

99 63.3 31.9 95.5

61 46.8 22.9 68.7





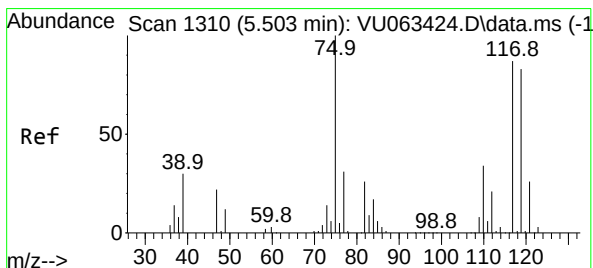
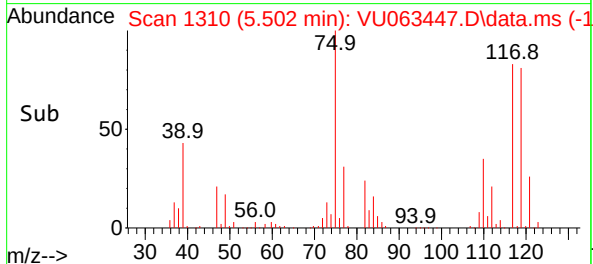
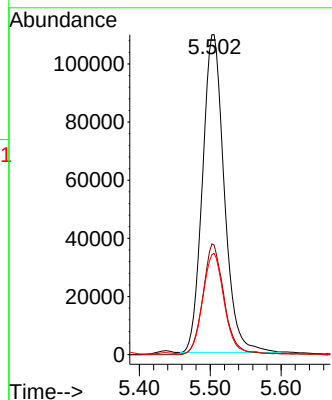
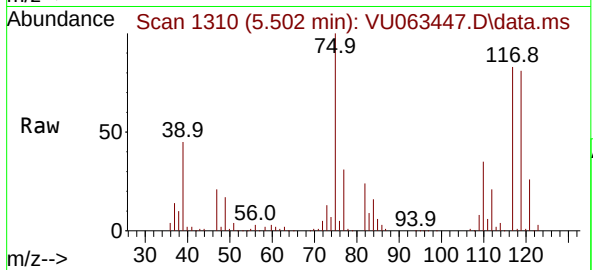
#29
1,1-Dichloropropene
Concen: 10.862 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 232879
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.2
77 31.2 25.4 38.0

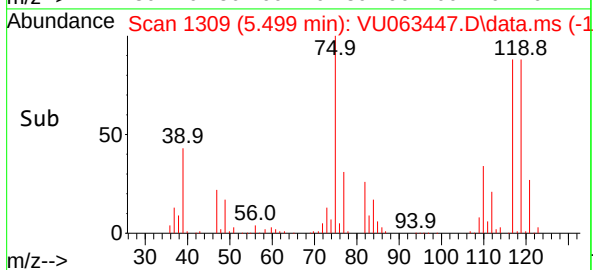
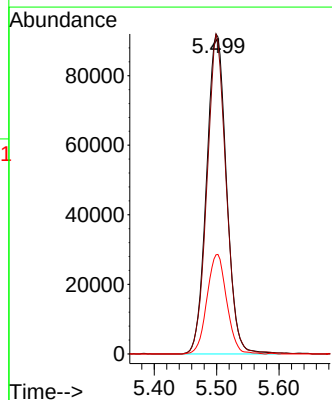
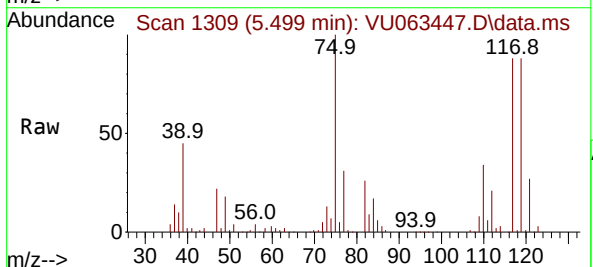
Manual Integrations
APPROVED

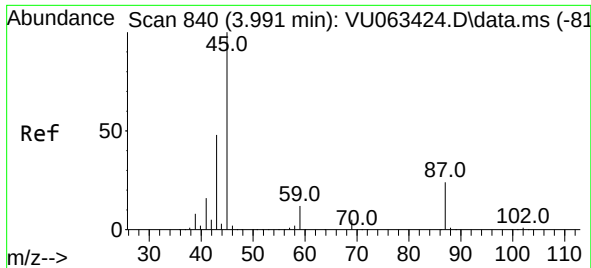
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 10.931 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

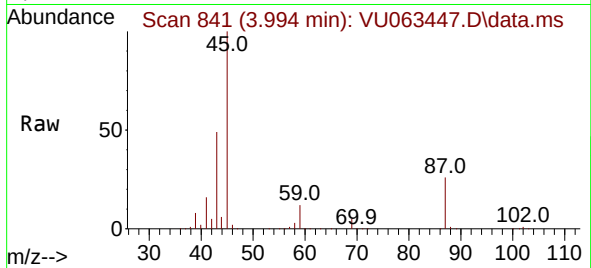
Tgt Ion:117 Resp: 204916
Ion Ratio Lower Upper
117 100
119 99.8 76.7 115.1
121 31.0 24.3 36.5





#31
Isopropyl Ether
Concen: 9.890 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

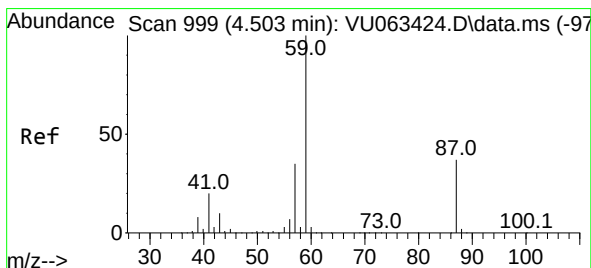
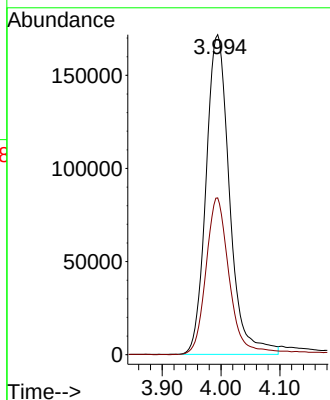
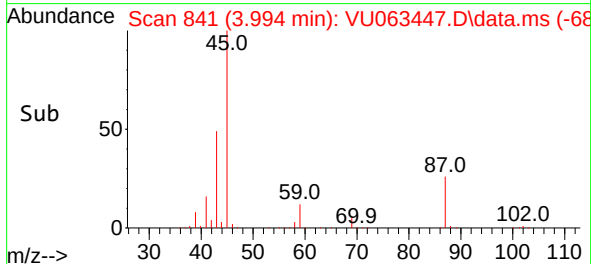
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



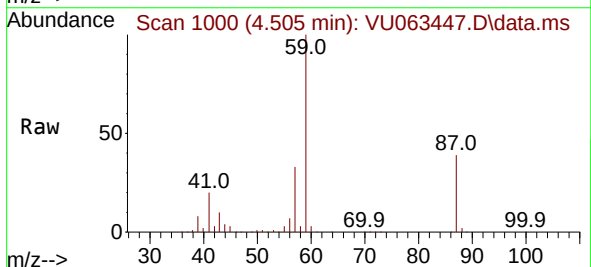
Tgt Ion: 45 Resp: 47705
Ion Ratio Lower Upper
45 100
43 49.1 23.8 71.5

Manual Integrations
APPROVED

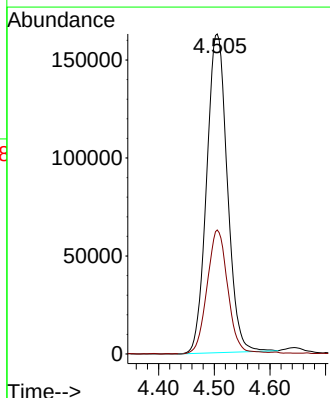
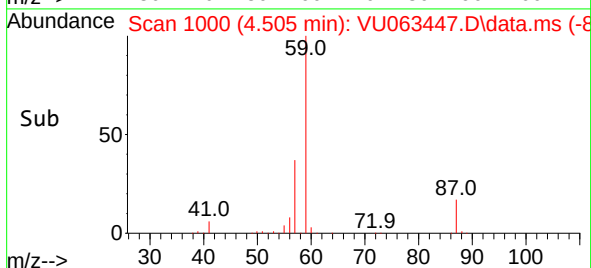
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

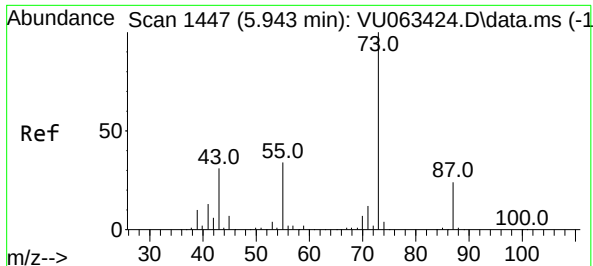


#32
Ethyl-t-butyl ether
Concen: 10.252 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



Tgt Ion: 59 Resp: 419109
Ion Ratio Lower Upper
59 100
87 38.3 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 11.240 ug/l

RT: 5.946 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

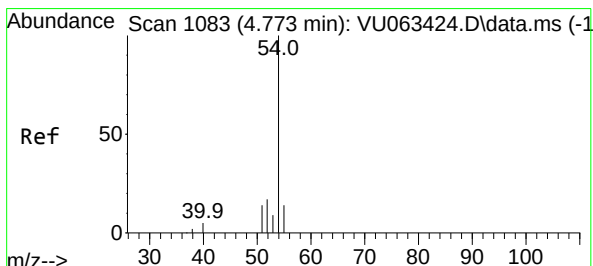
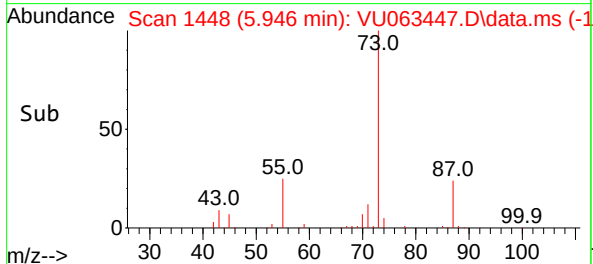
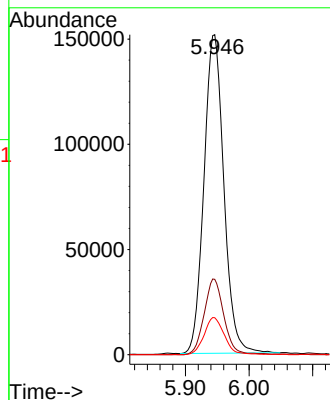
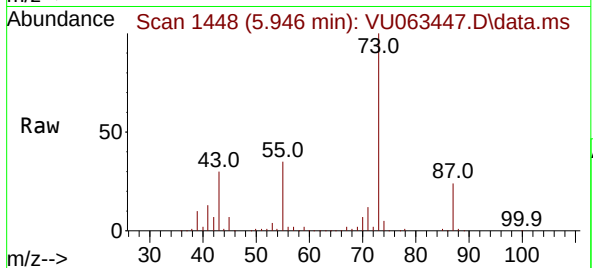
Tgt Ion: 73 Resp: 328924

Ion	Ratio	Lower	Upper
73	100		
87	23.2	18.1	27.1
71	11.7	10.0	15.0

Manual Integrations

APPROVED

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



#34

Propionitrile

Concen: 49.284 ug/l

RT: 4.776 min Scan# 1084

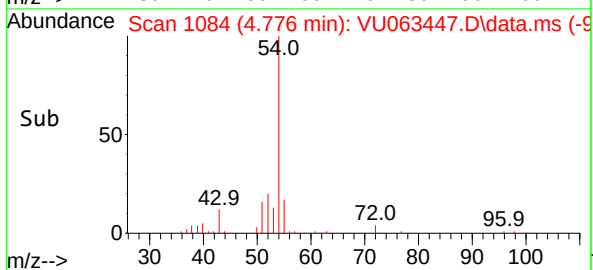
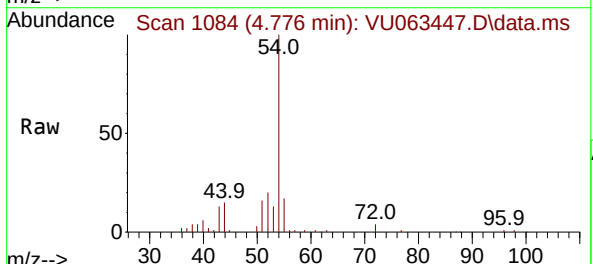
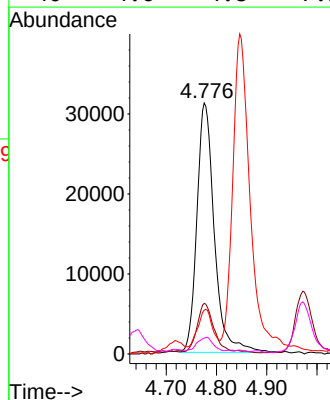
Delta R.T. 0.003 min

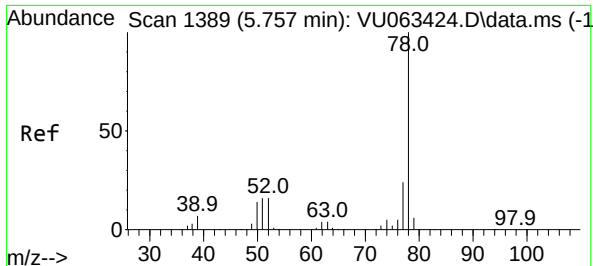
Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Tgt Ion: 54 Resp: 75125

Ion	Ratio	Lower	Upper
54	100		
52	17.8	14.8	22.2
55	14.9	12.2	18.2
40	4.6	4.8	7.2





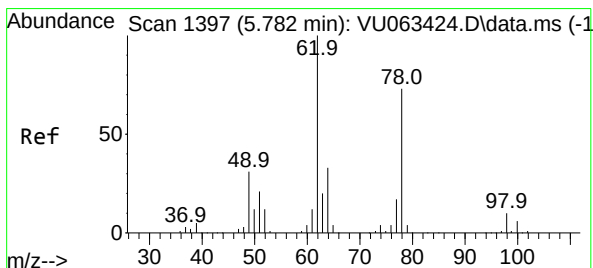
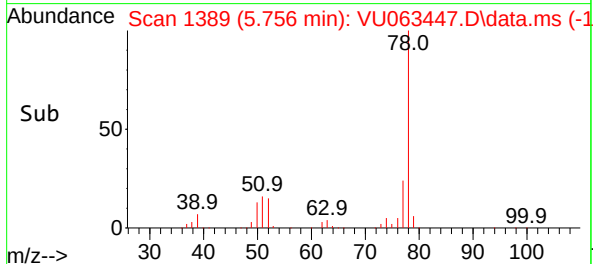
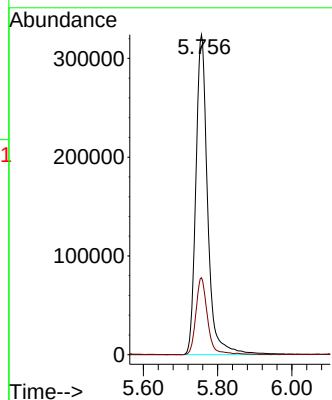
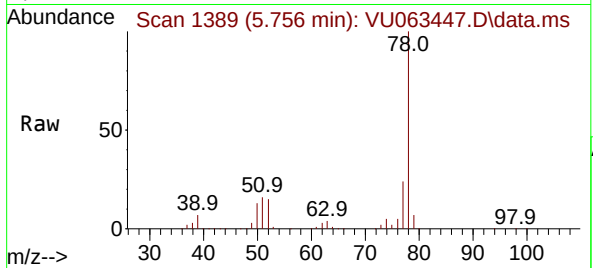
#35
Benzene
Concen: 11.035 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 715684
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

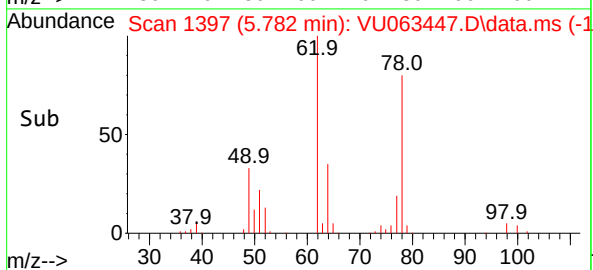
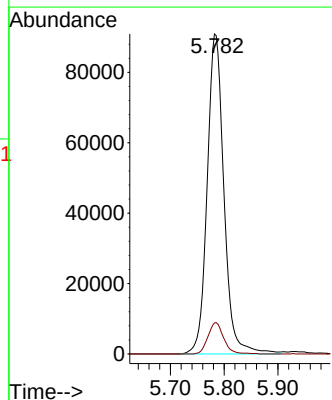
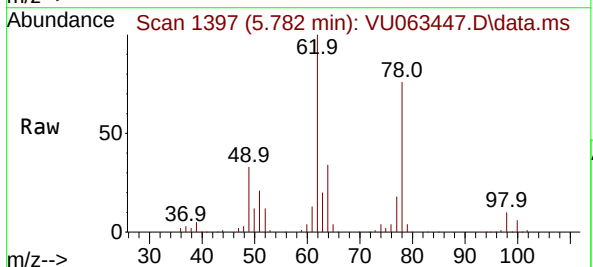
Manual Integrations
APPROVED

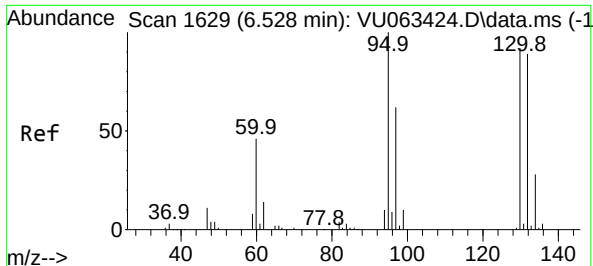
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 10.398 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion: 62 Resp: 197138
Ion Ratio Lower Upper
62 100
98 9.3 7.1 10.7





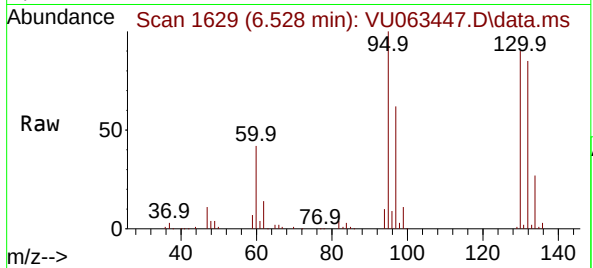
#37
Trichloroethene
Concen: 10.556 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

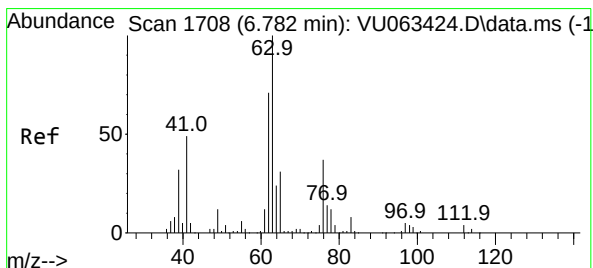
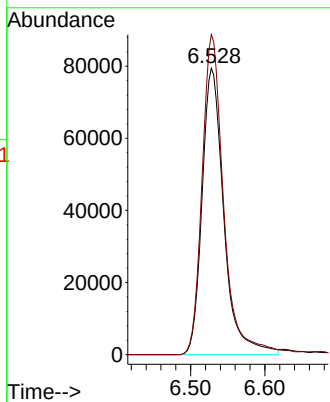
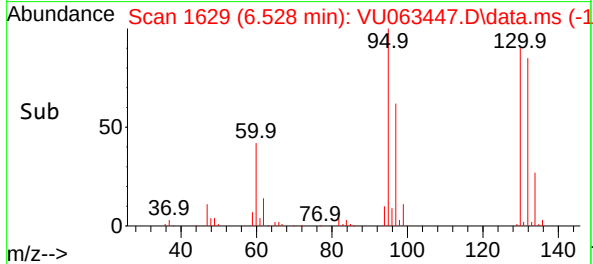


Tgt Ion:130 Resp: 161784
Ion Ratio Lower Upper
130 100
95 111.7 87.2 130.8

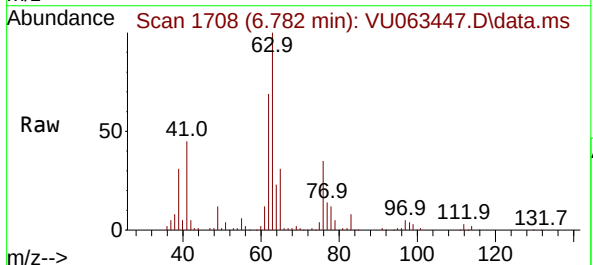
Manual Integrations

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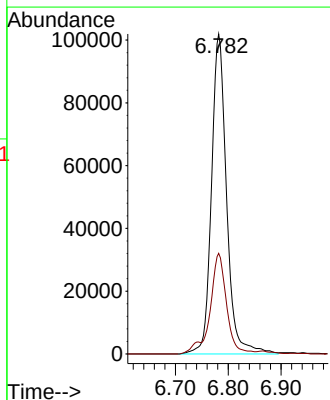
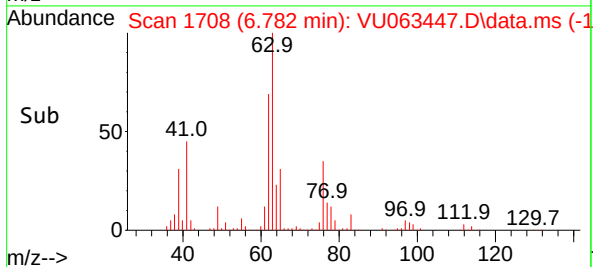
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

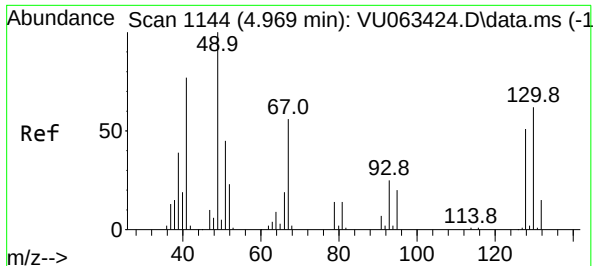


#38
1,2-Dichloropropane
Concen: 11.304 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



Tgt Ion: 63 Resp: 202491
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.6





#39

Methacrylonitrile

Concen: 9.131 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 5790

Ion Ratio Lower Upper

41 100

67 79.3 59.8 89.8

39 50.6 40.7 61.1

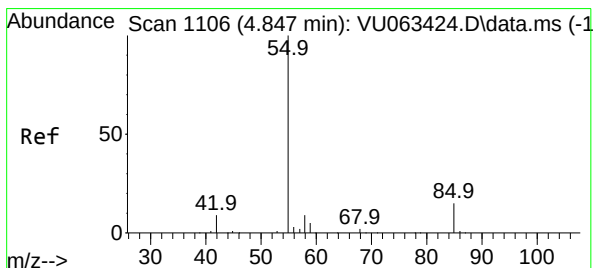
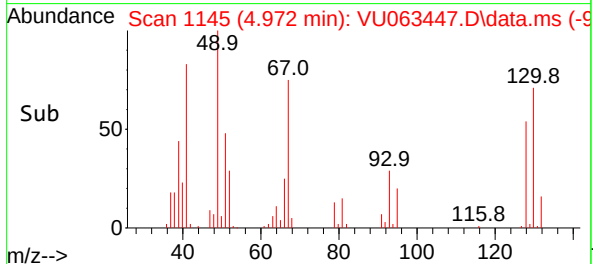
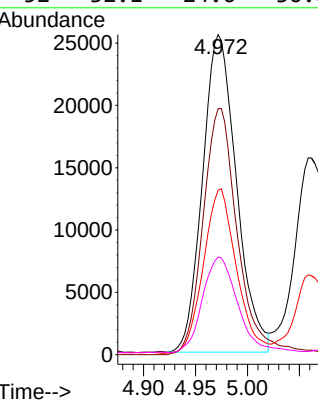
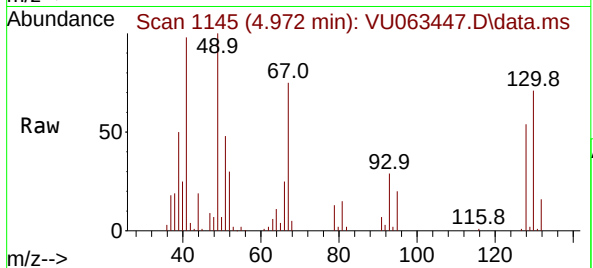
52 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 10.366 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Tgt Ion: 55 Resp: 92303

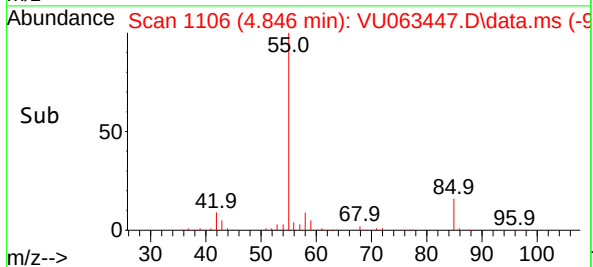
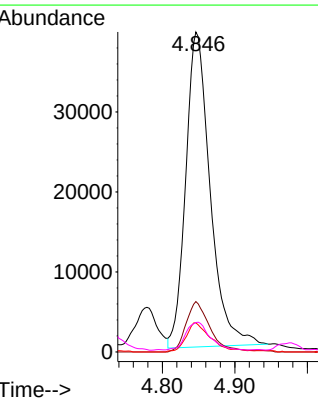
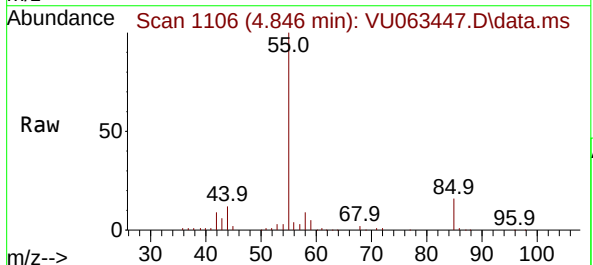
Ion Ratio Lower Upper

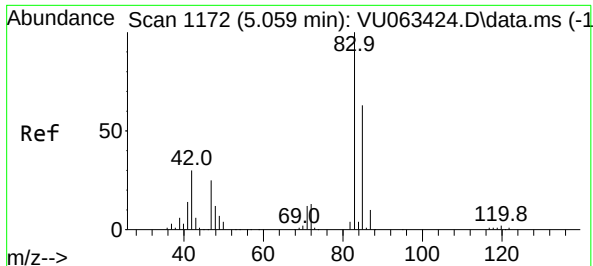
55 100

85 15.6 12.6 19.0

58 9.5 6.9 10.3

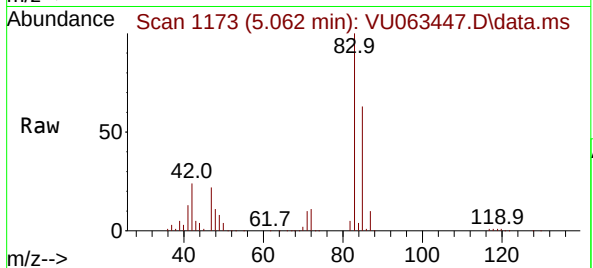
42 8.6 7.1 10.7





#41
Tetrahydrofuran
Concen: 17.270 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

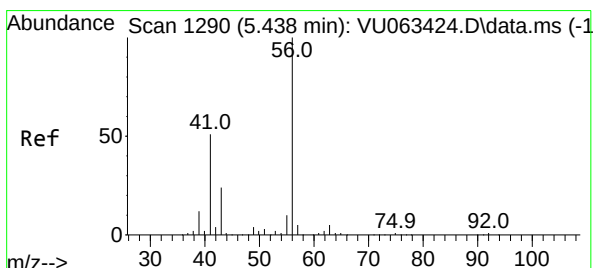
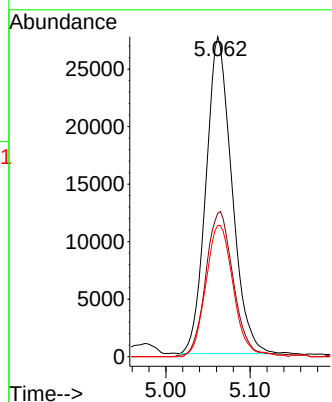
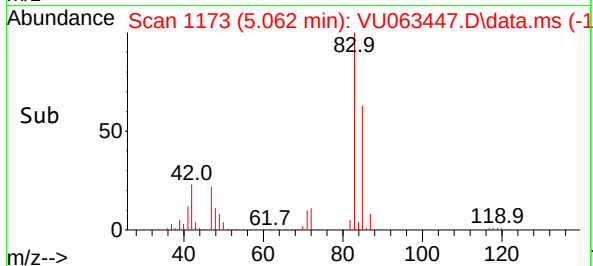
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



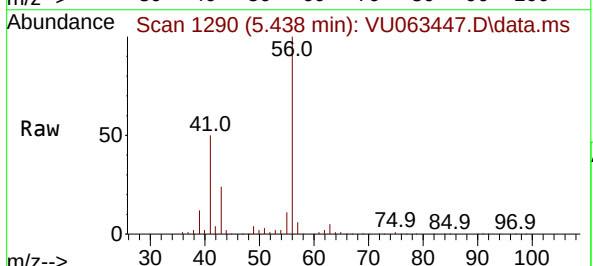
Tgt Ion: 42 Resp: 5892
Ion Ratio Lower Upper
42 100
72 49.1 35.4 53.2
71 44.0 31.4 47.0

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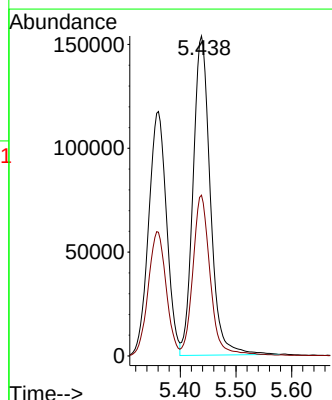
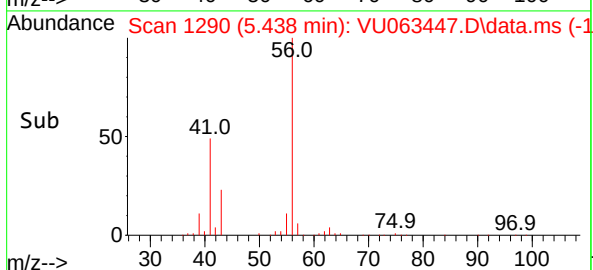
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

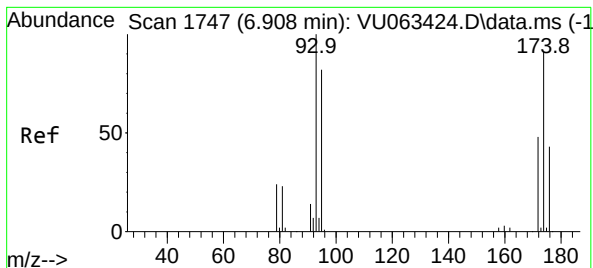


#42
1-Chlorobutane
Concen: 10.879 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



Tgt Ion: 56 Resp: 330912
Ion Ratio Lower Upper
56 100
41 50.0 26.4 79.0





#43

Dibromomethane

Concen: 10.690 ug/l

RT: 6.907 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU063447.D

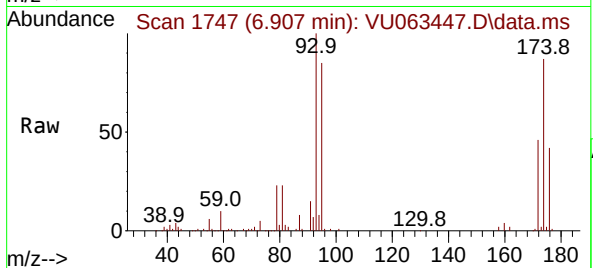
Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 93 Resp: 89450

Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

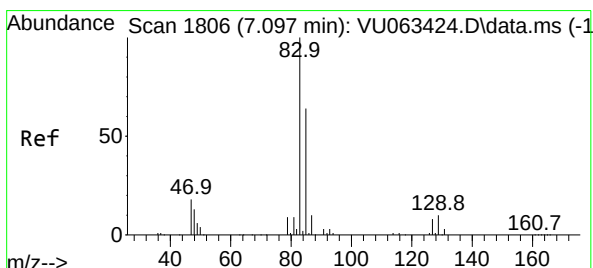
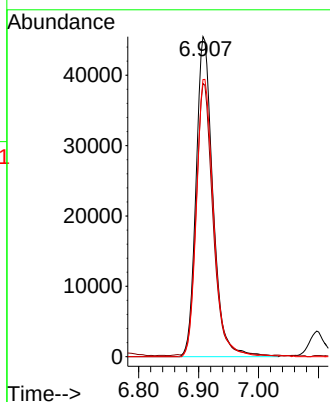
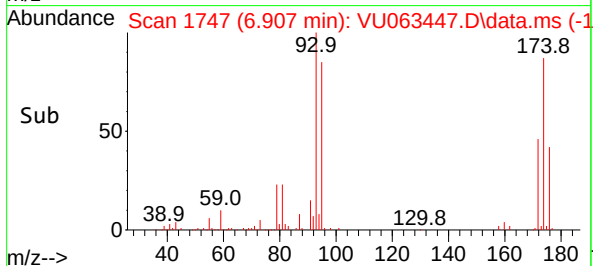
174 87.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#44

Bromodichloromethane

Concen: 10.672 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

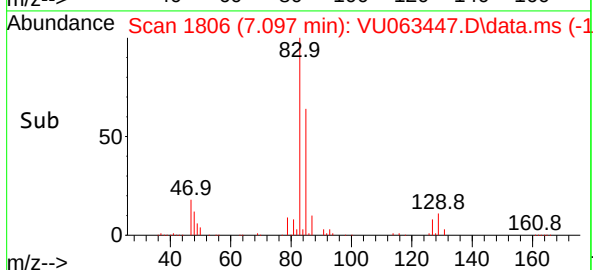
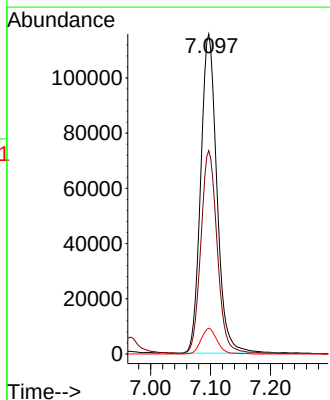
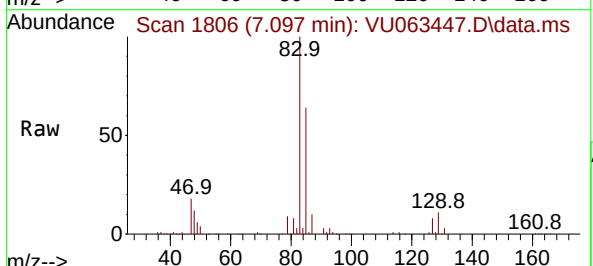
Tgt Ion: 83 Resp: 217531

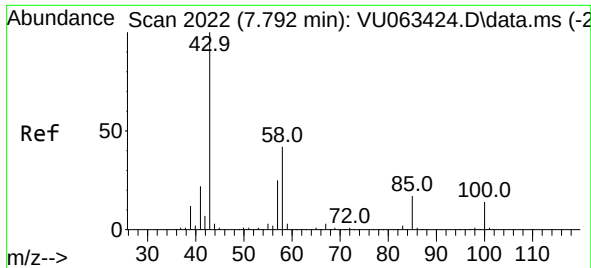
Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.2

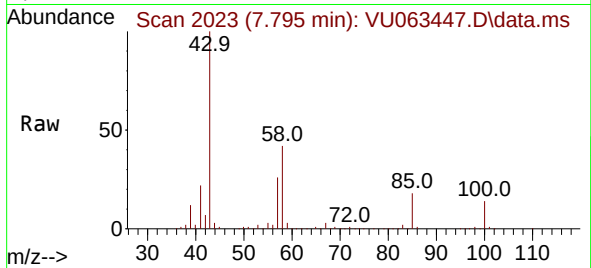
127 8.1 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 56.409 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

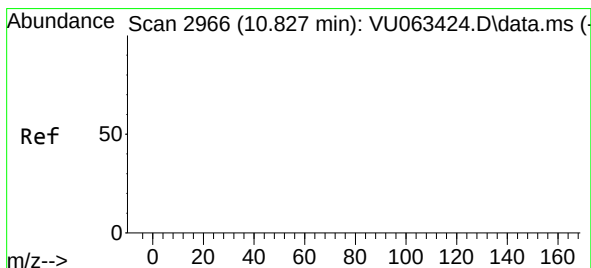
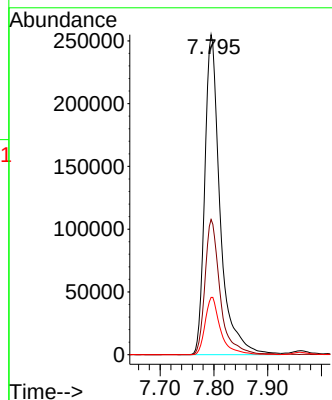
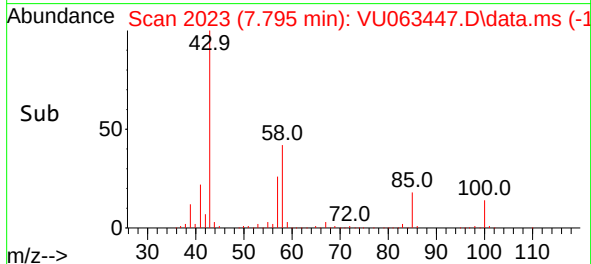
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 506690
Ion Ratio Lower Upper
43 100
58 41.7 20.5 61.6
85 17.9 14.2 21.2

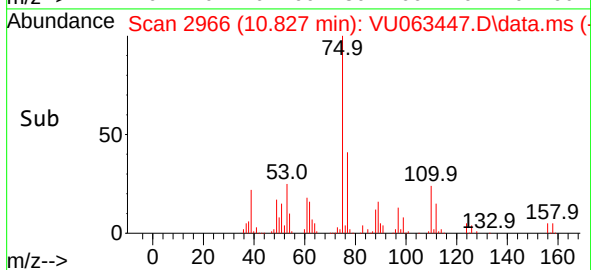
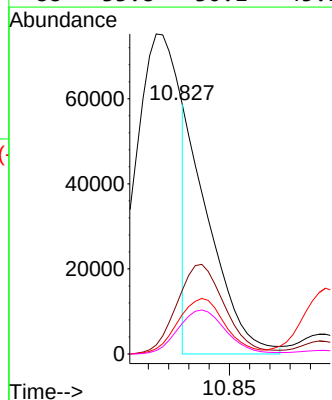
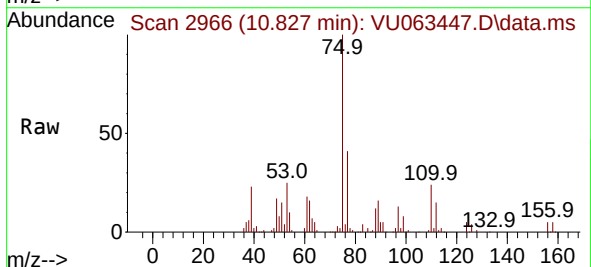
Manual Integrations
APPROVED

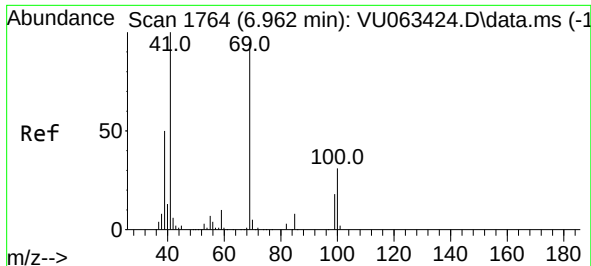
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 17.004 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion: 75 Resp: 50206
Ion Ratio Lower Upper
75 100
53 69.4 61.4 92.2
89 42.4 39.2 58.8
88 33.8 30.1 45.1





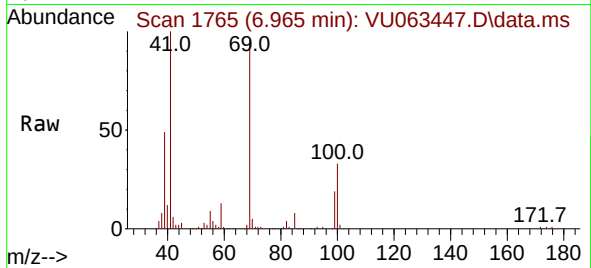
#47
Methyl methacrylate
Concen: 20.425 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

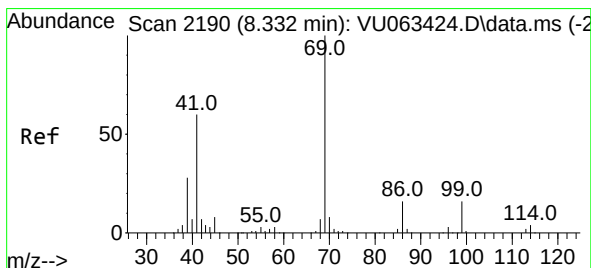
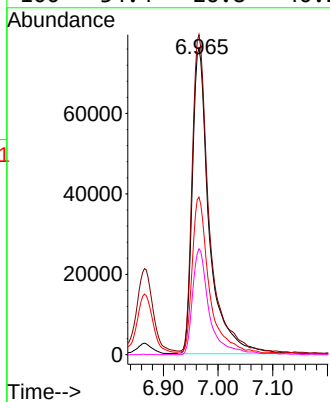
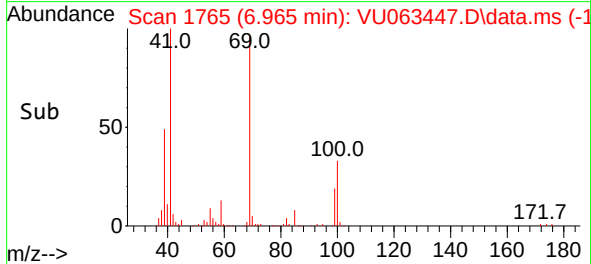


Tgt Ion: 69 Resp: 162933
Ion Ratio Lower Upper
69 100
41 106.5 0.0 212.6
39 49.7 40.6 61.0
100 34.4 26.8 40.2

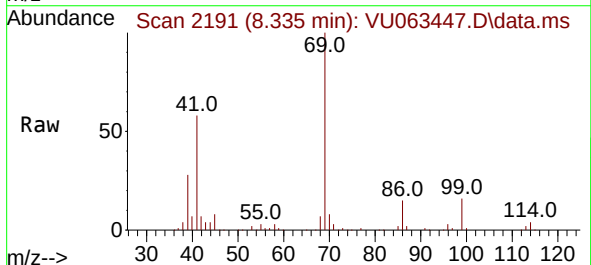
Manual Integrations

APPROVED

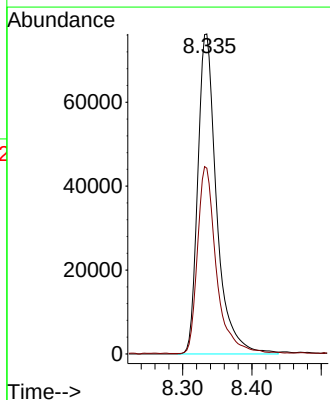
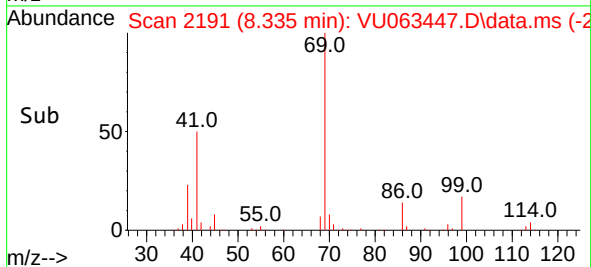
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

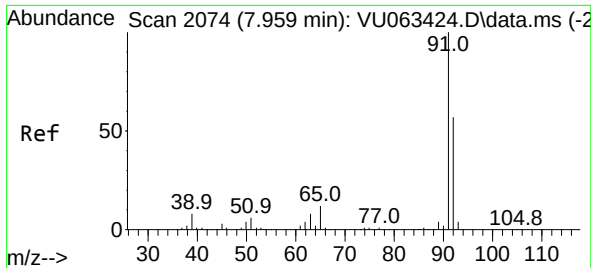


#48
Ethyl methacrylate
Concen: 10.153 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



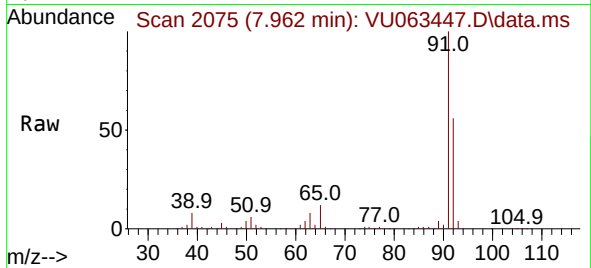
Tgt Ion: 69 Resp: 144193
Ion Ratio Lower Upper
69 100
41 58.4 30.6 92.0





#49
Toluene
Concen: 11.990 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

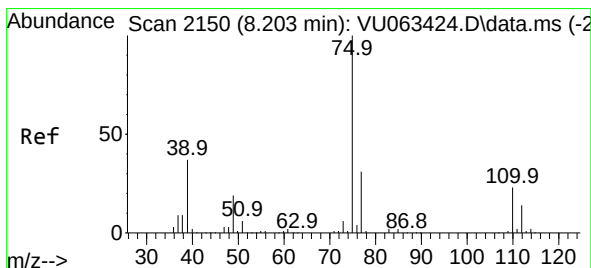
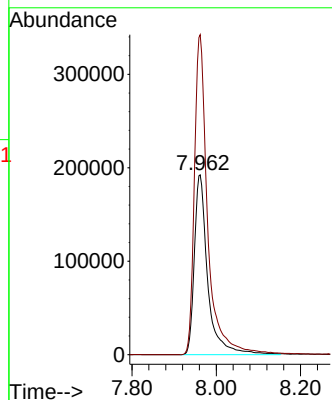
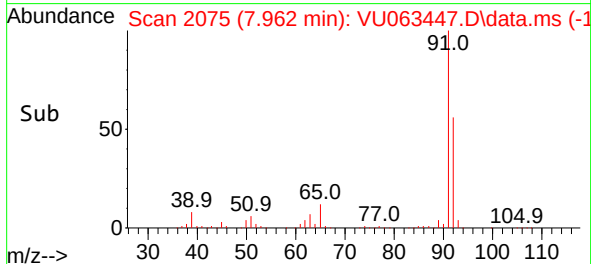
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



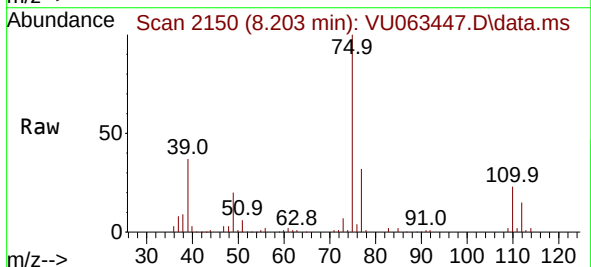
Tgt Ion: 92 Resp: 426940
Ion Ratio Lower Upper
92 100
91 176.9 142.0 213.0

Manual Integrations
APPROVED

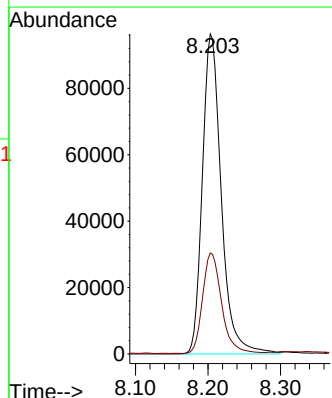
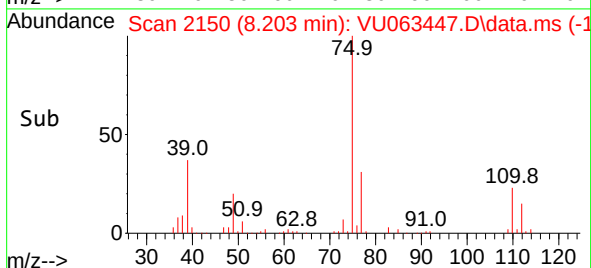
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

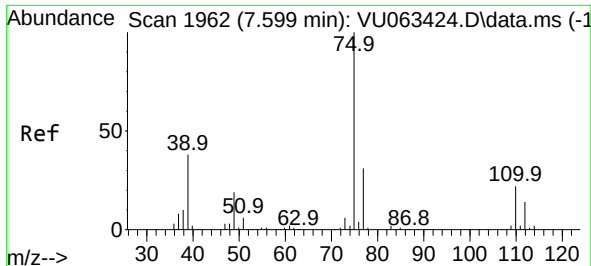


#50
t-1,3-Dichloropropene
Concen: 11.871 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



Tgt Ion: 75 Resp: 174490
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 11.345 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

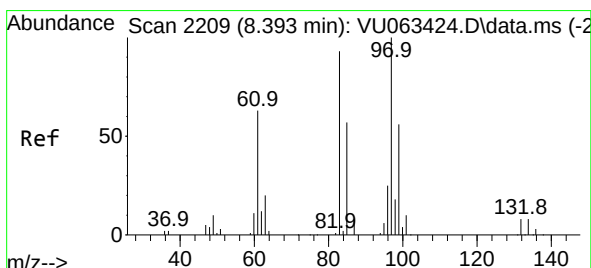
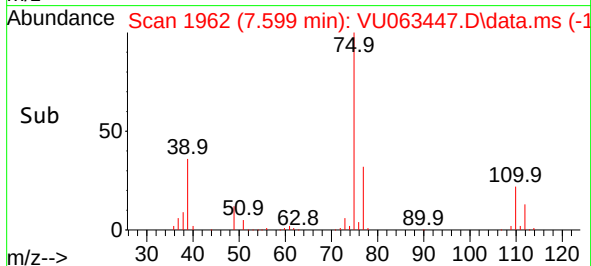
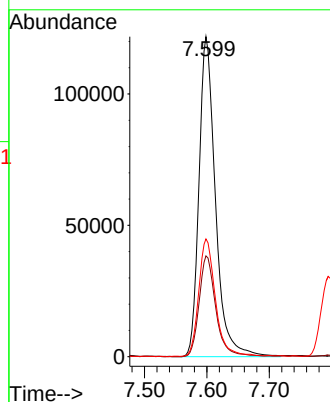
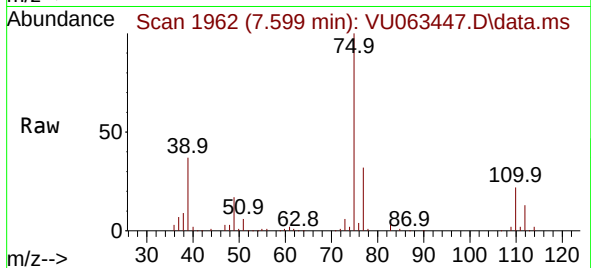
VSTDCCC010EC

Tgt Ion: 75 Resp: 22399
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 36.7 30.7 46.1

Manual Integrations

APPROVED

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



#52

1,1,2-Trichloroethane

Concen: 10.840 ug/l

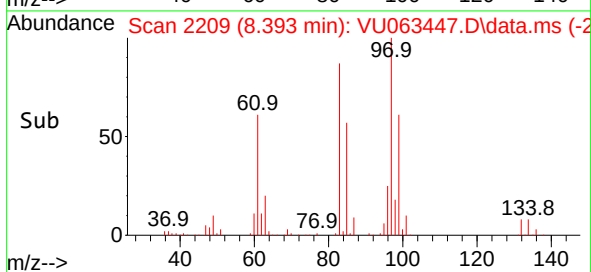
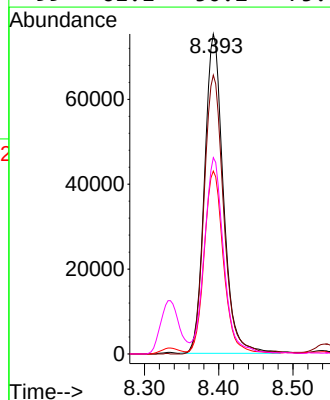
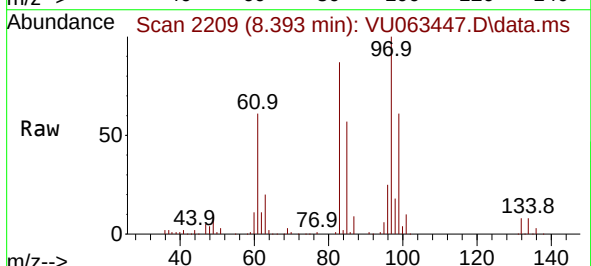
RT: 8.393 min Scan# 2209

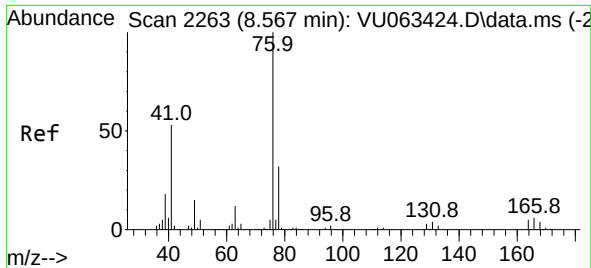
Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

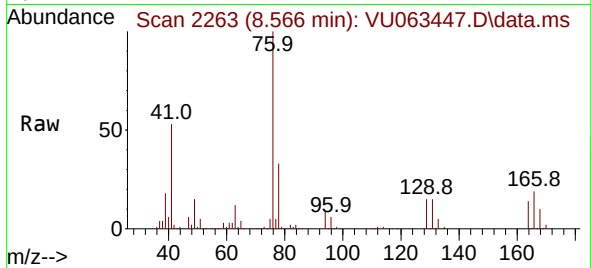
Tgt Ion: 97 Resp: 132600
 Ion Ratio Lower Upper
 97 100
 83 87.3 74.1 111.1
 85 56.9 45.8 68.8
 99 61.1 50.2 75.4





#53
1,3-Dichloropropane
Concen: 11.011 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

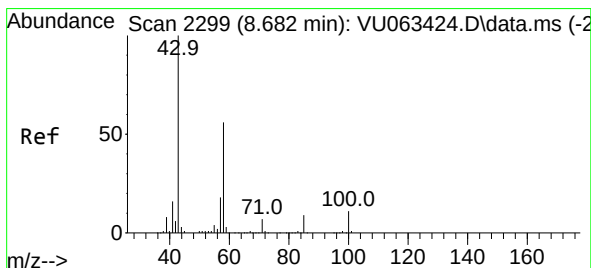
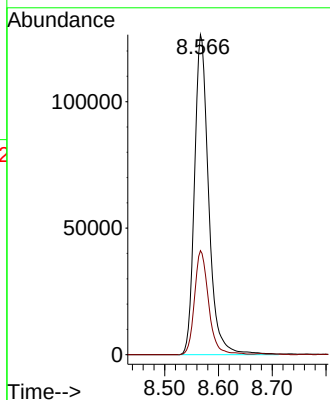
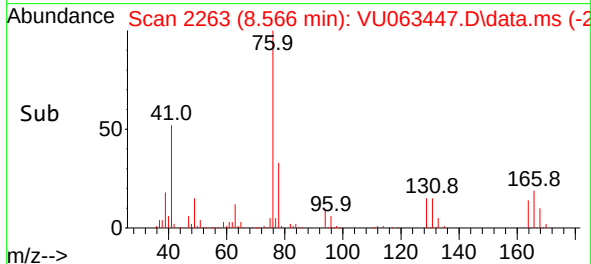
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



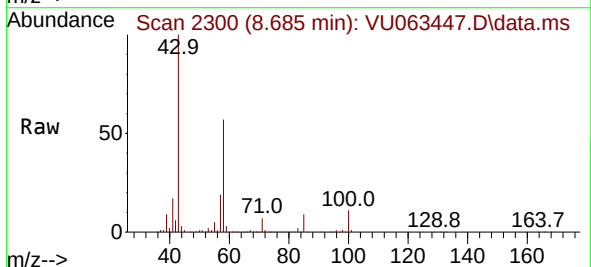
Tgt Ion: 76 Resp: 231739
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

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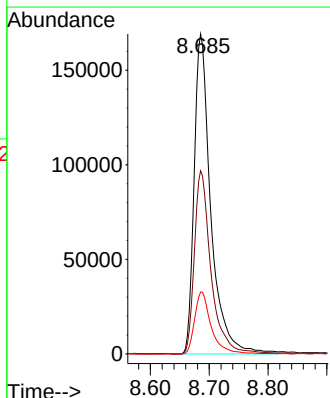
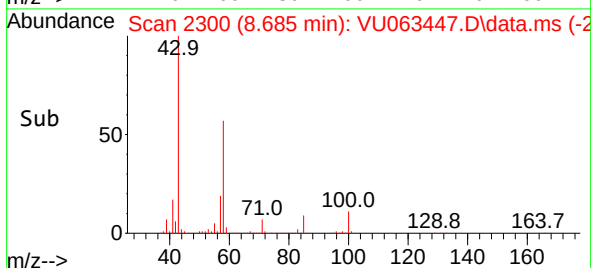
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

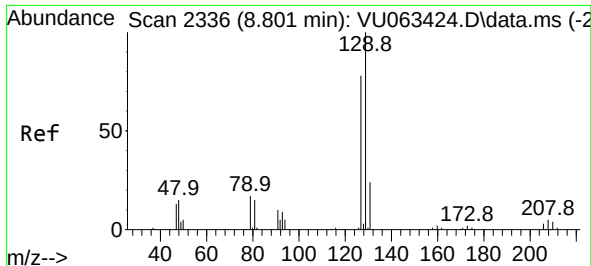


#54
2-Hexanone
Concen: 47.752 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



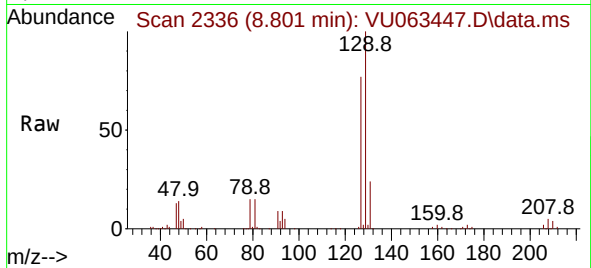
Tgt Ion: 43 Resp: 333045
Ion Ratio Lower Upper
43 100
58 57.4 36.9 76.9
57 19.1 0.0 38.8





#55
Dibromochloromethane
Concen: 11.135 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

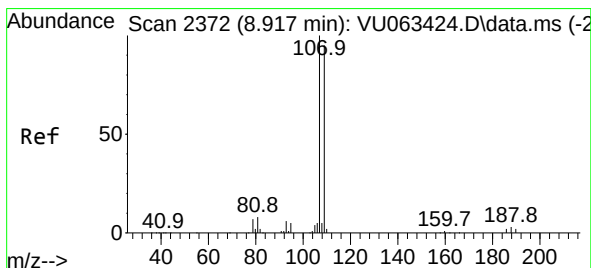
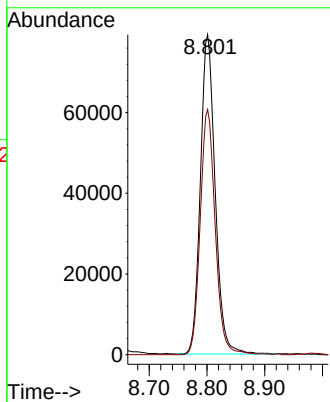
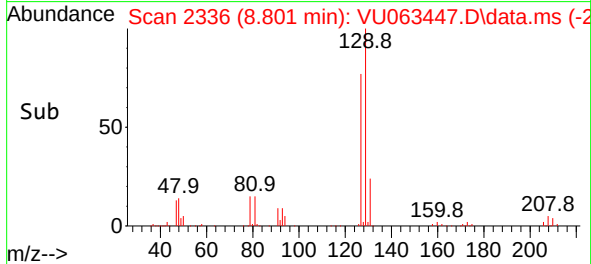
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 140520
Ion Ratio Lower Upper
129 100
127 78.0 62.6 93.8

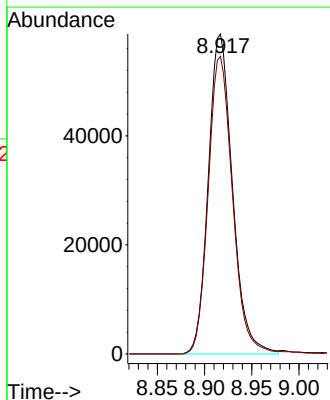
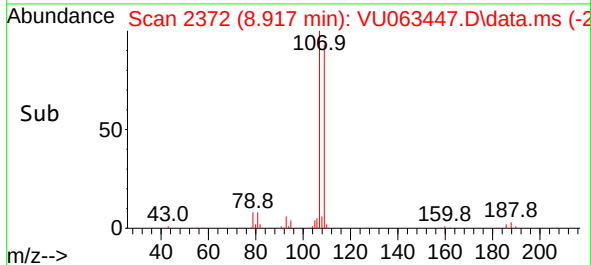
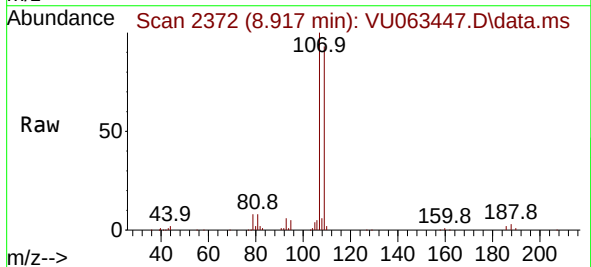
Manual Integrations
APPROVED

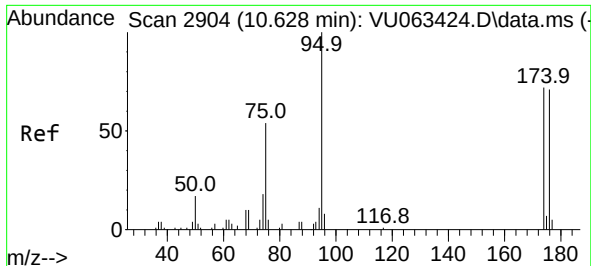
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 10.523 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

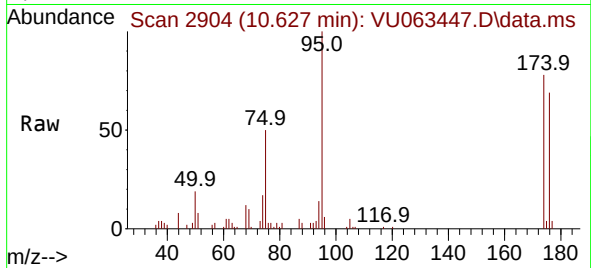
Tgt Ion:107 Resp: 104349
Ion Ratio Lower Upper
107 100
109 93.9 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.115 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

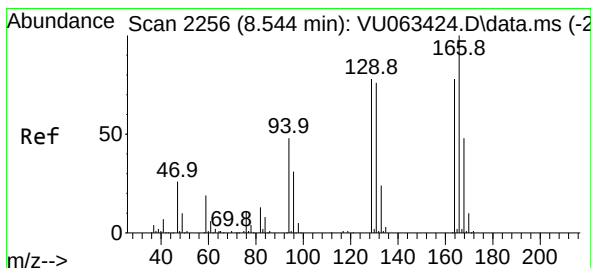
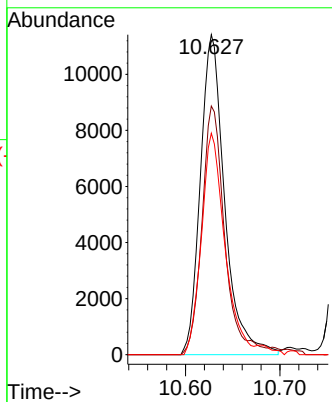
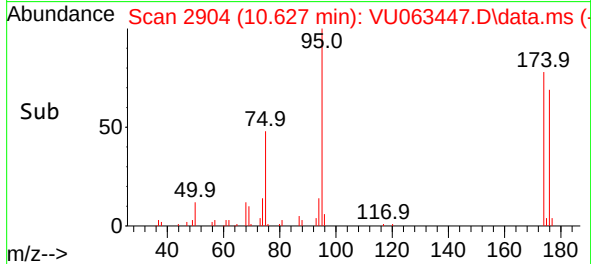
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 20384
Ion Ratio Lower Upper
95 100
174 72.6 59.4 89.2
176 66.4 57.8 86.6

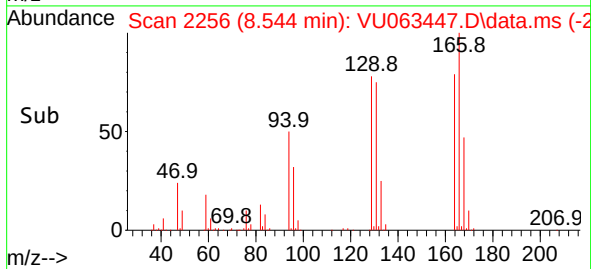
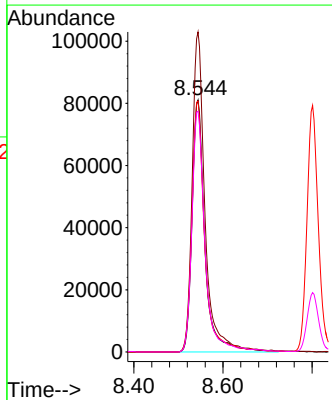
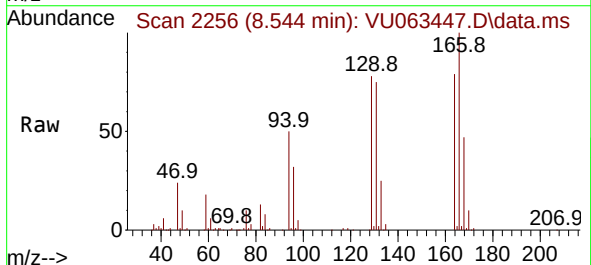
Manual Integrations
APPROVED

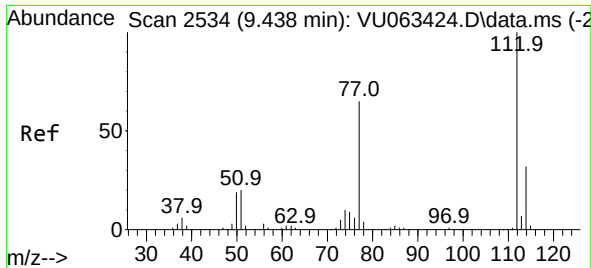
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 10.833 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

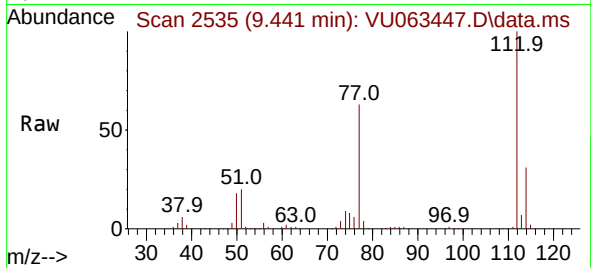
Tgt Ion:164 Resp: 162882
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 99.7 80.2 120.2
131 95.6 77.9 116.9





#59
Chlorobenzene
Concen: 11.172 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

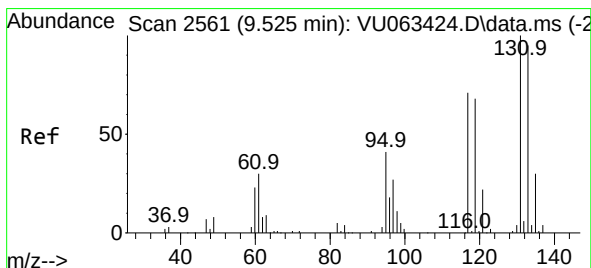
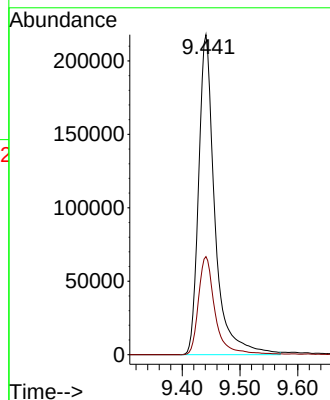
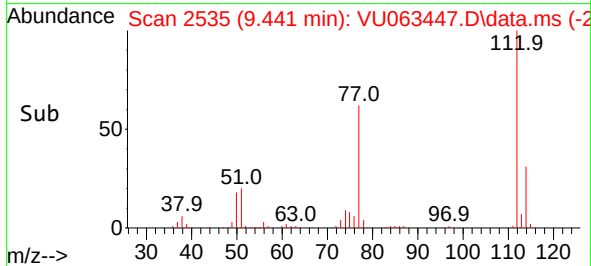
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



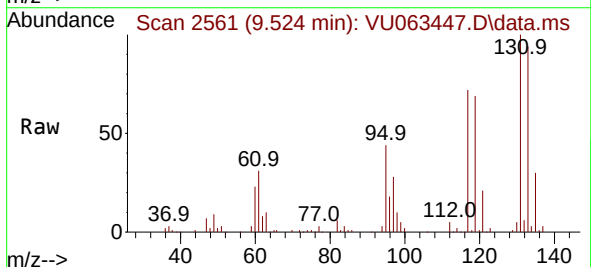
Tgt Ion:112 Resp: 42590
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

Manual Integrations
APPROVED

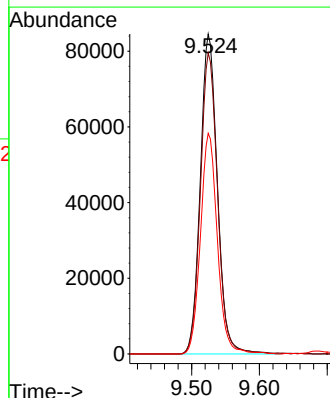
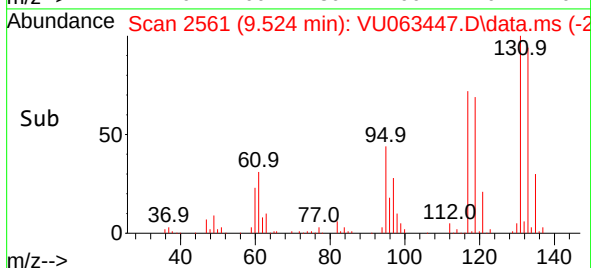
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

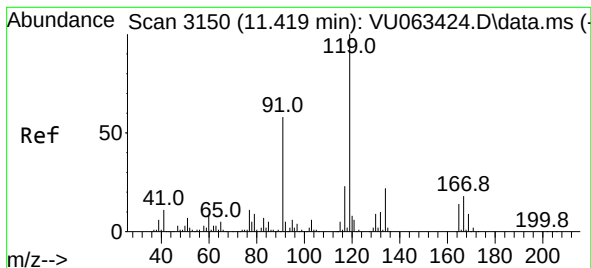


#60
1,1,1,2-Tetrachloroethane
Concen: 10.806 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



Tgt Ion:131 Resp: 148268
Ion Ratio Lower Upper
131 100
133 94.5 76.1 114.1
119 68.1 53.7 80.5





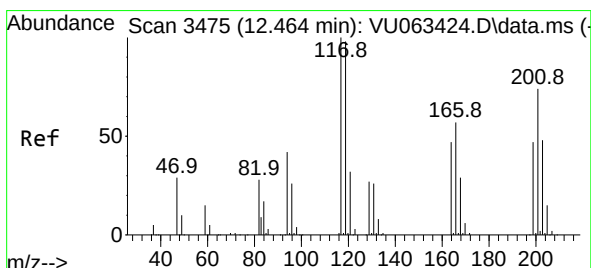
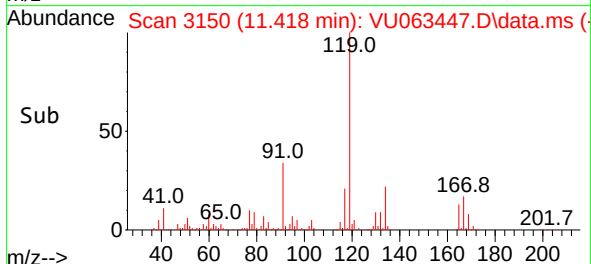
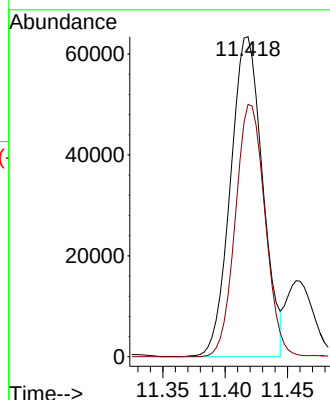
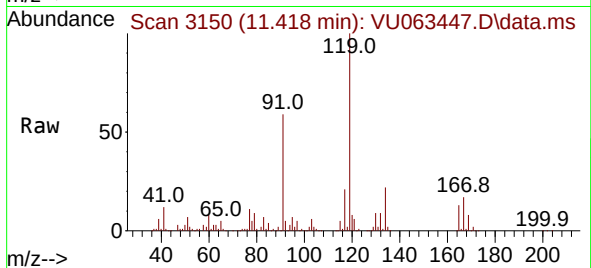
#61
Pentachloroethane
Concen: 10.167 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 113652
Ion Ratio Lower Upper
117 100
167 72.9 58.1 87.1

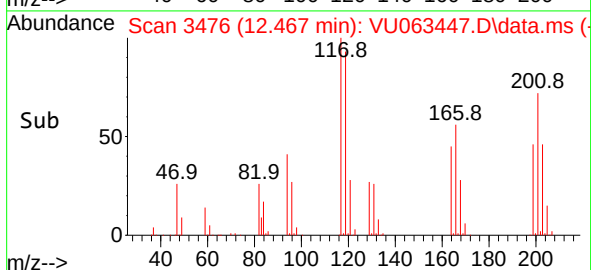
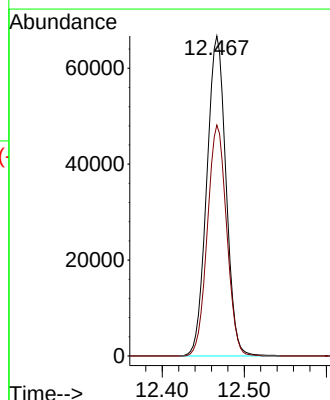
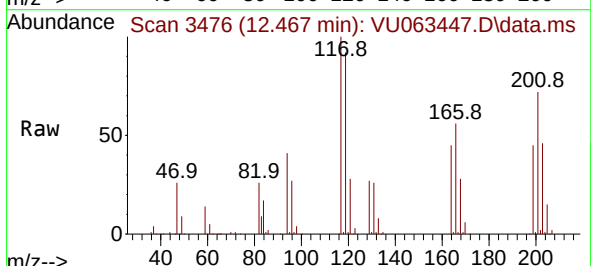
Manual Integrations
APPROVED

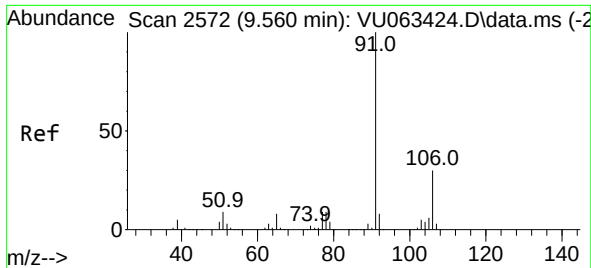
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 10.813 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion:117 Resp: 108709
Ion Ratio Lower Upper
117 100
201 72.4 60.4 90.6





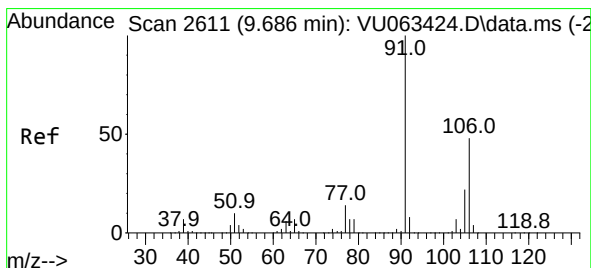
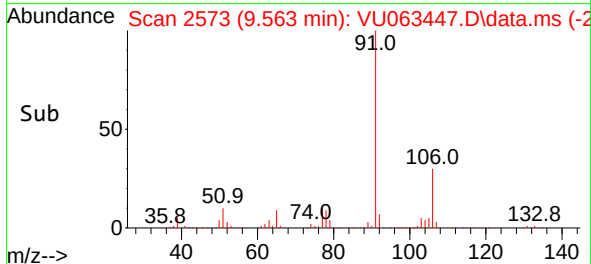
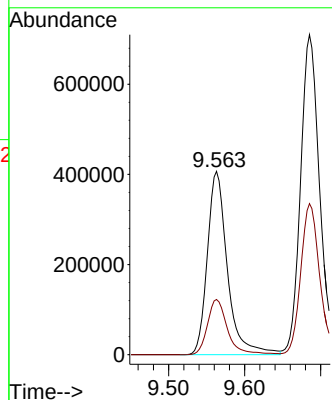
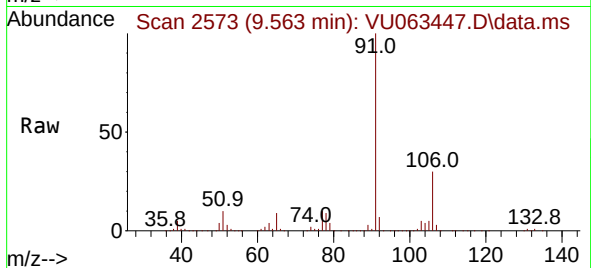
#63
Ethyl Benzene
Concen: 12.230 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 747438
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

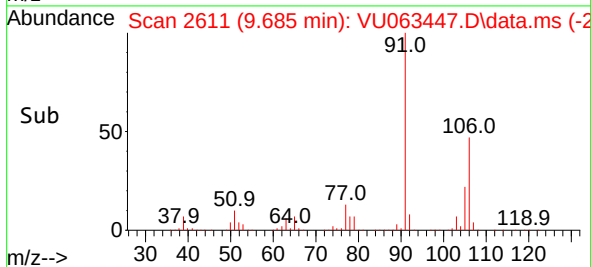
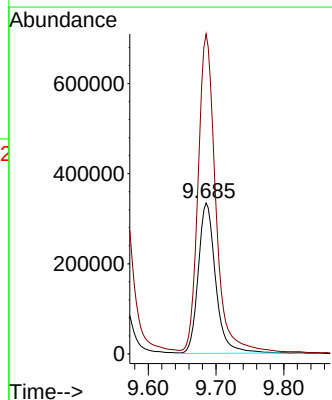
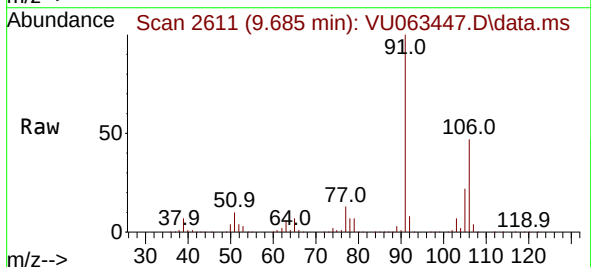
Manual Integrations
APPROVED

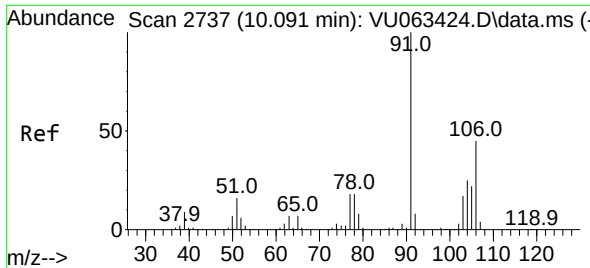
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 20.546 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion:106 Resp: 594232
Ion Ratio Lower Upper
106 100
91 214.0 169.9 254.9





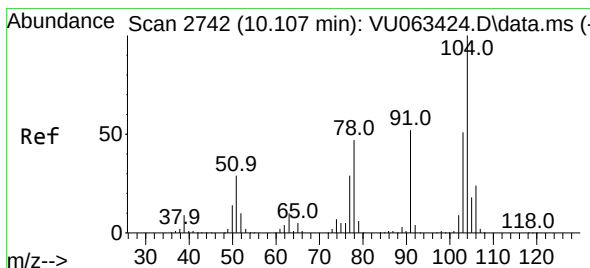
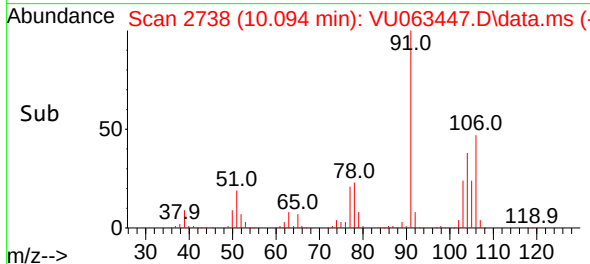
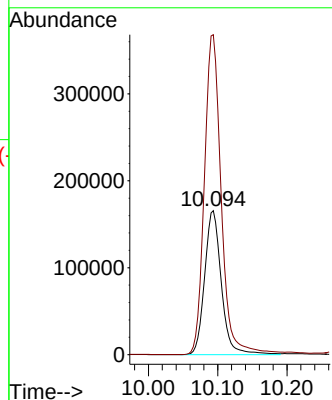
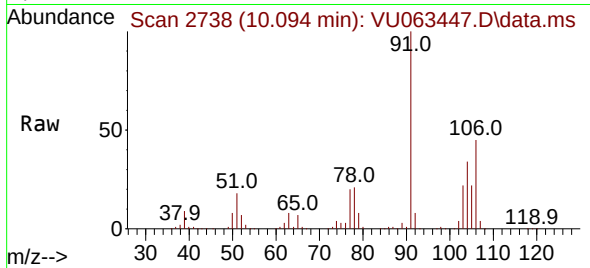
#65
o-Xylene
Concen: 11.956 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 277572
Ion Ratio Lower Upper
106 100
91 224.1 110.8 332.3

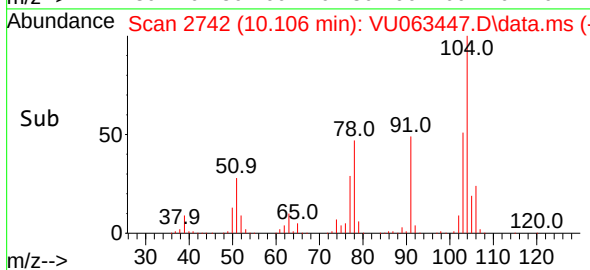
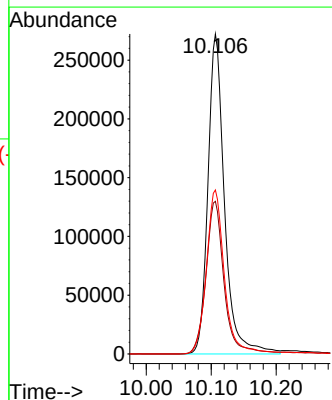
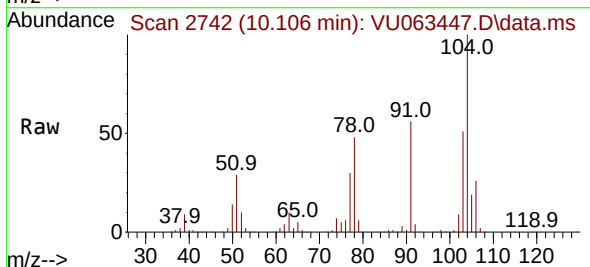
Manual Integrations
APPROVED

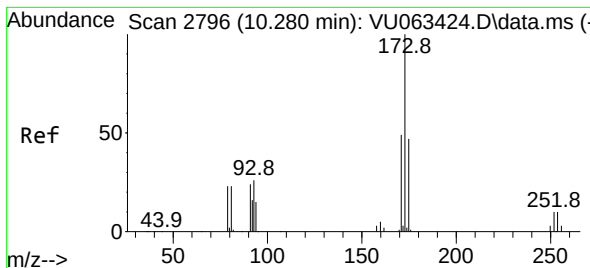
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 10.411 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion:104 Resp: 484009
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 56.0 44.6 67.0





#67

Bromoform

Concen: 10.921 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU063447.D

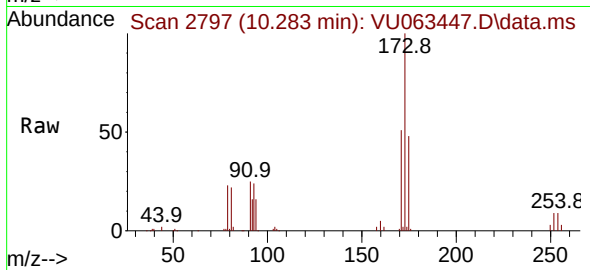
Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

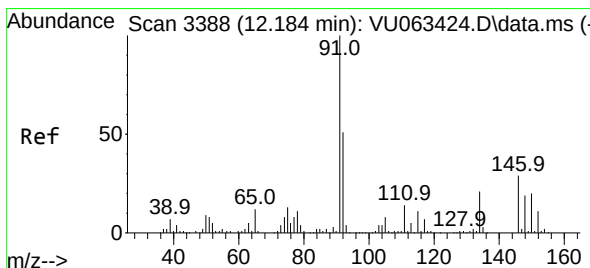
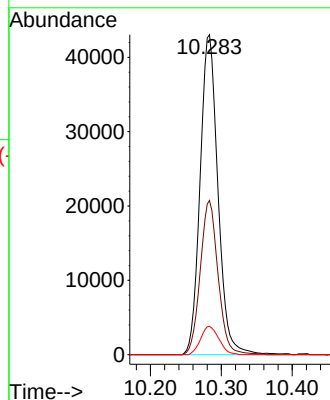
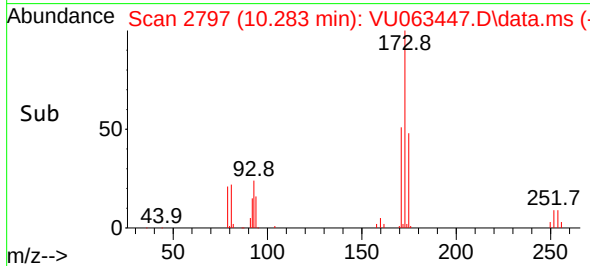


Tgt Ion:	173	Resp:	7531
Ion Ratio	Lower	Upper	
173	100		
175	48.0	38.2	57.2
254	9.0	7.6	11.4

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.034 ug/l

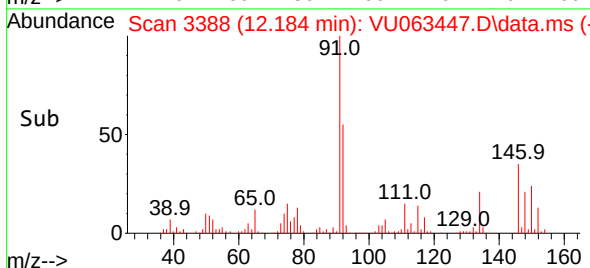
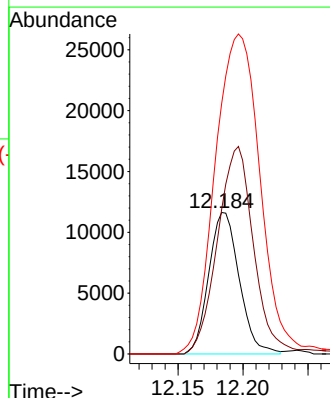
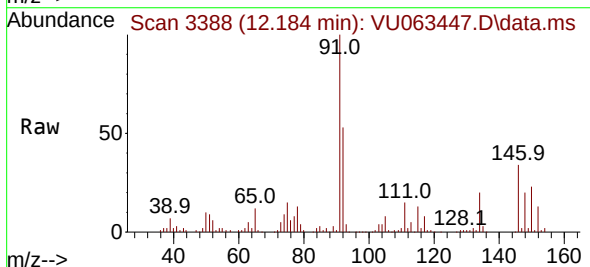
RT: 12.184 min Scan# 3388

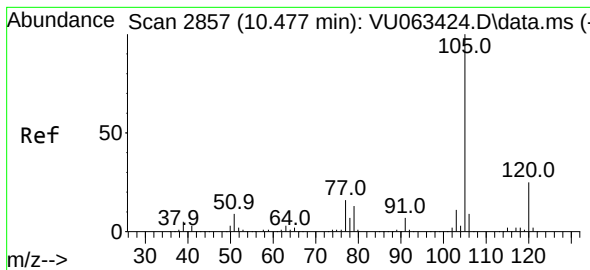
Delta R.T. -0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Tgt Ion:	152	Resp:	18981
Ion Ratio	Lower	Upper	
152	100		
115	175.5	0.0	327.6
150	335.0	0.0	664.4





#69

Isopropylbenzene

Concen: 12.014 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.001 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 64619

Ion Ratio Lower Upper

105 100

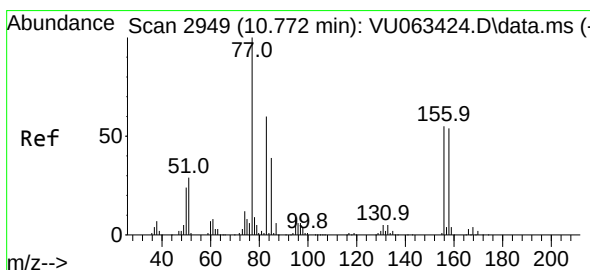
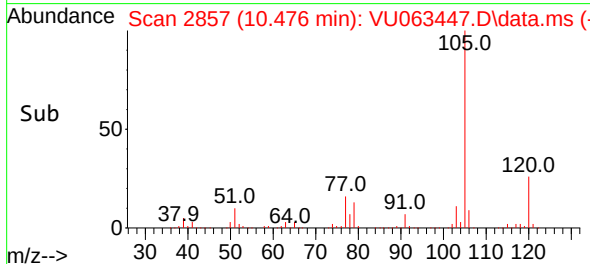
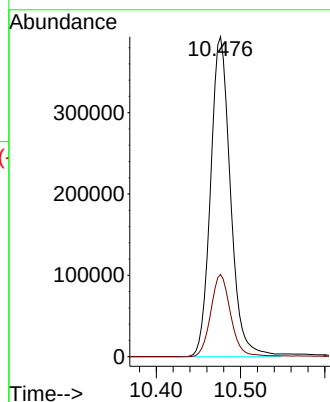
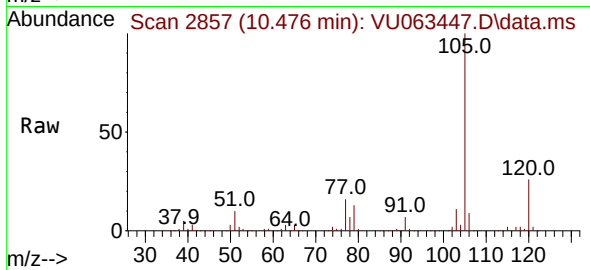
120 25.9 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.771 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063447.D

Acq: 24 Jun 2025 19:57

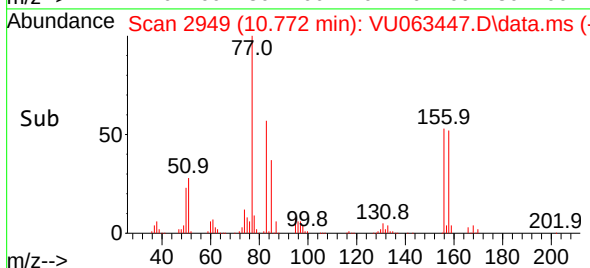
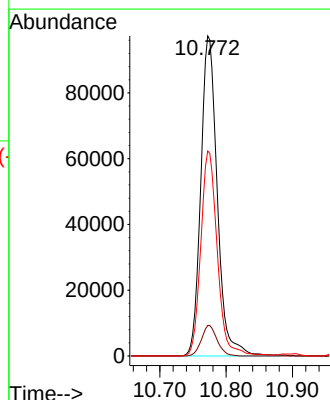
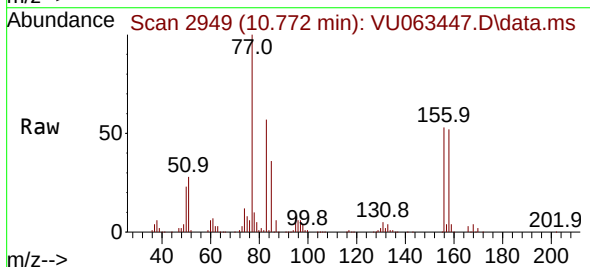
Tgt Ion: 83 Resp: 168535

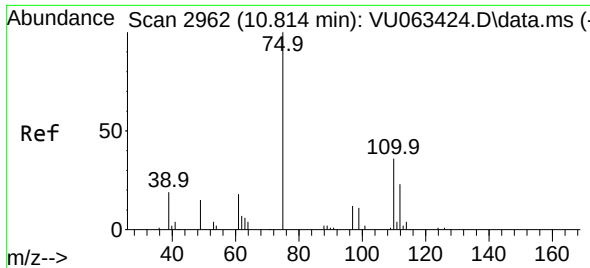
Ion Ratio Lower Upper

83 100

131 9.1 7.4 11.0

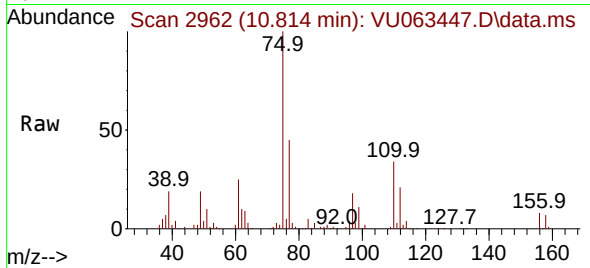
85 64.2 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 10.588 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

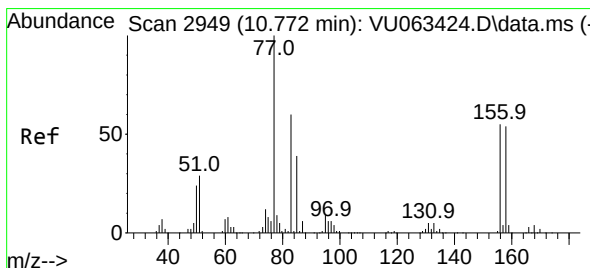
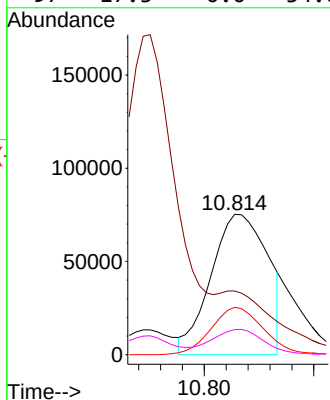
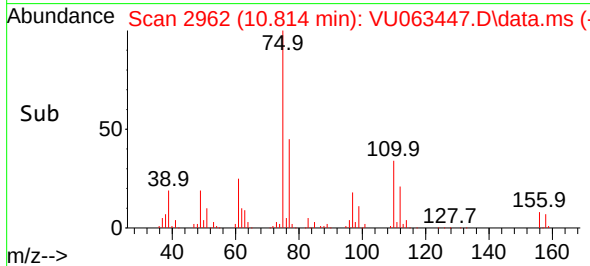
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



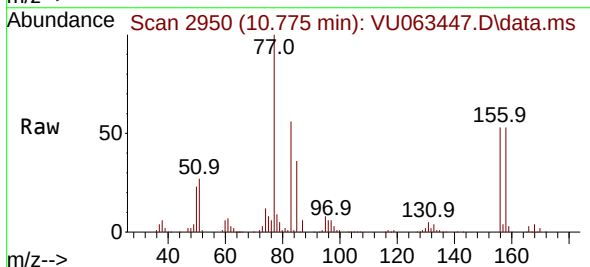
Tgt Ion: 75 Resp: 13530
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 31.5 0.0 63.4
97 17.3 0.0 34.0

Manual Integrations
APPROVED

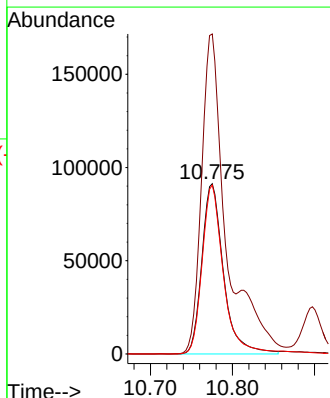
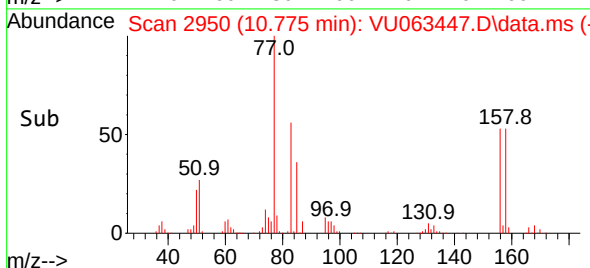
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

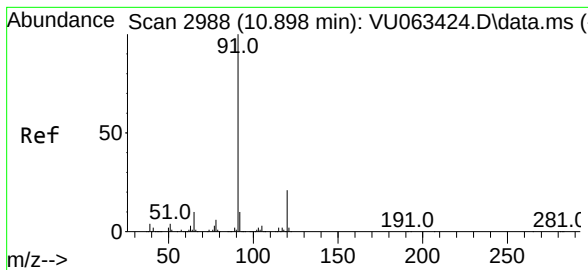


#72
Bromobenzene
Concen: 11.117 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



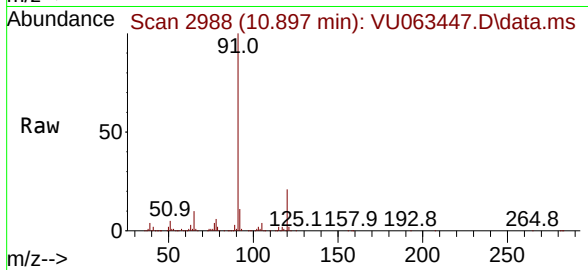
Tgt Ion:156 Resp: 167846
Ion Ratio Lower Upper
156 100
77 177.5 0.0 416.2
158 99.4 0.0 190.6





#73
n-propylbenzene
Concen: 10.132 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

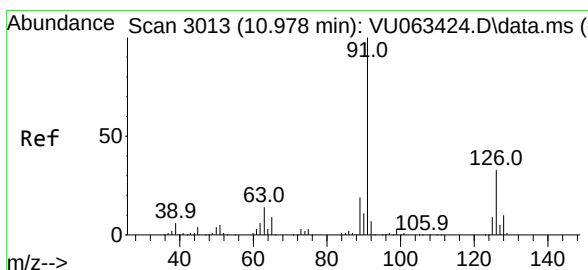
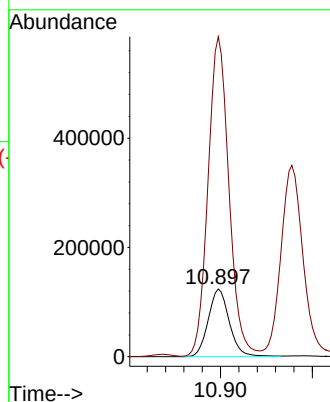
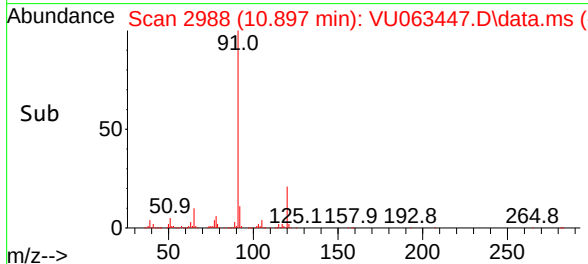
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 197702
Ion Ratio Lower Upper
120 100
91 468.0 373.7 560.5

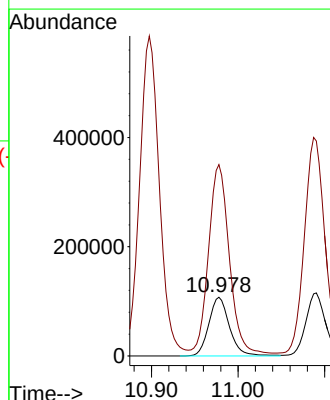
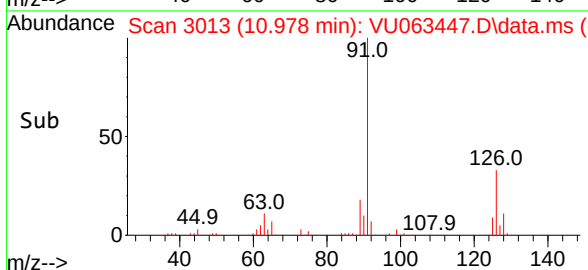
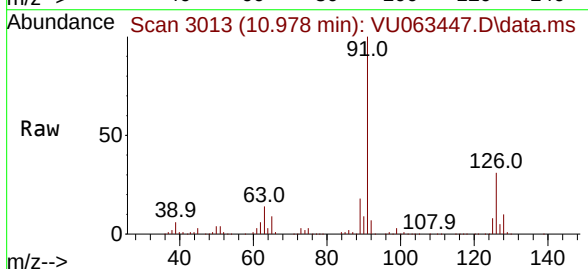
Manual Integrations
APPROVED

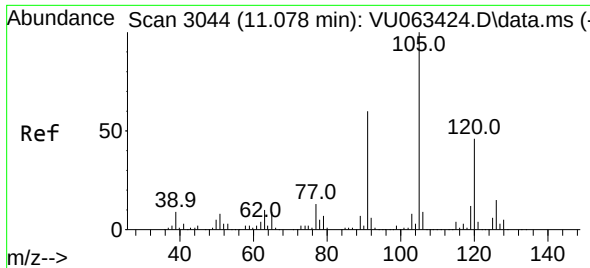
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 11.939 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

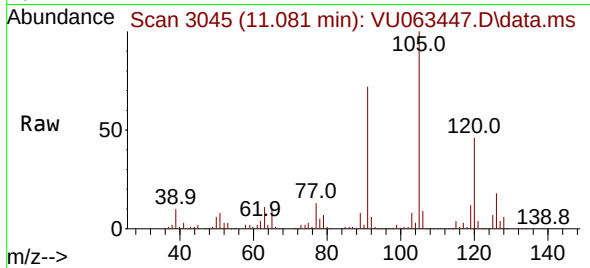
Tgt Ion:126 Resp: 178182
Ion Ratio Lower Upper
126 100
91 332.6 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 10.431 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

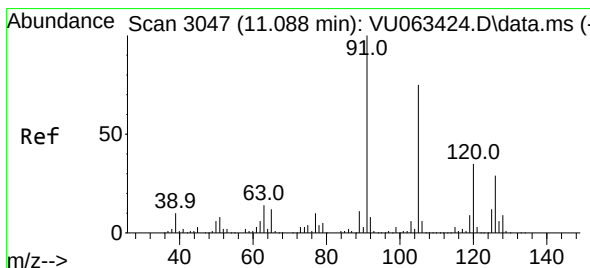
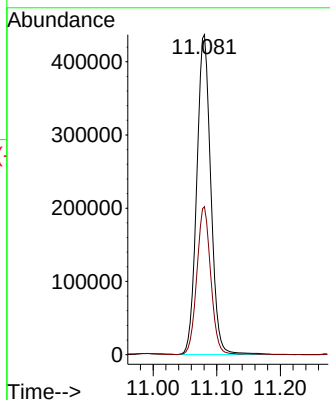
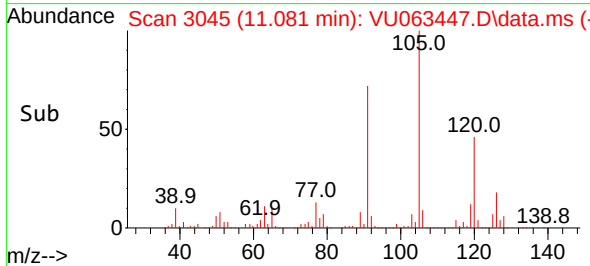
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 668962
Ion Ratio Lower Upper
105 100
120 45.7 37.0 55.4

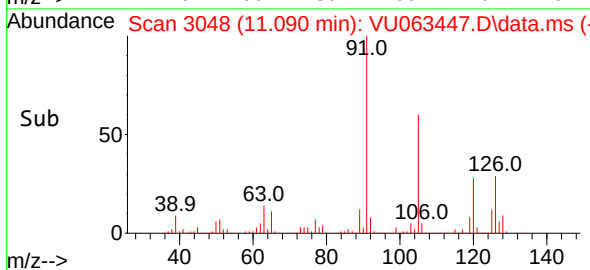
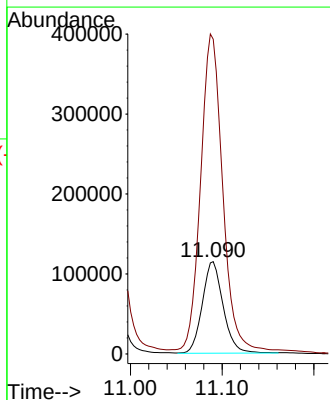
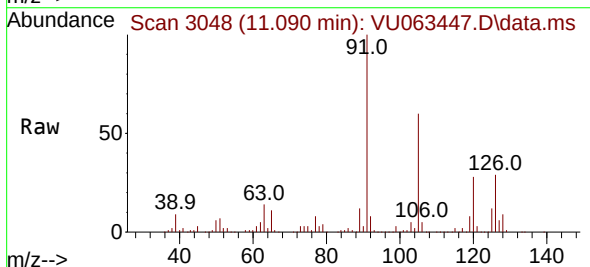
Manual Integrations
APPROVED

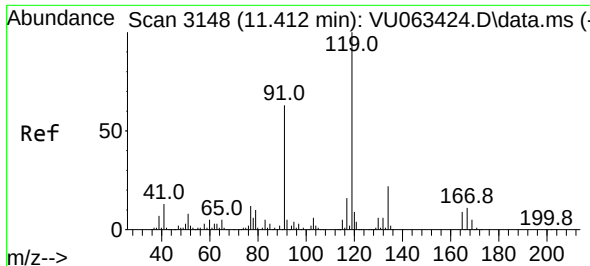
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 11.559 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.002 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

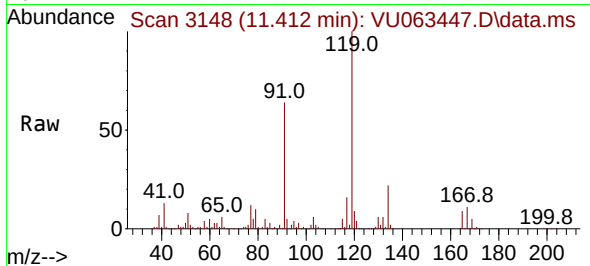
Tgt Ion:126 Resp: 180699
Ion Ratio Lower Upper
126 100
91 381.6 0.0 713.2





#77
tert-Butylbenzene
Concen: 11.777 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

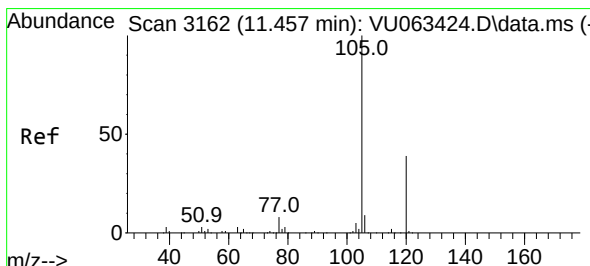
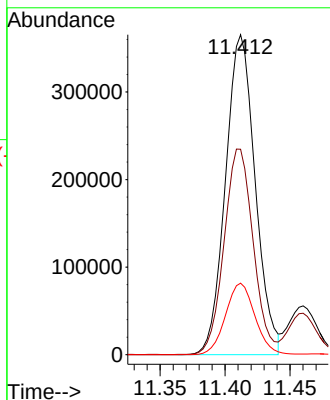
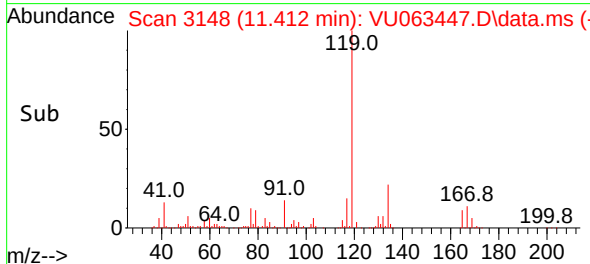
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



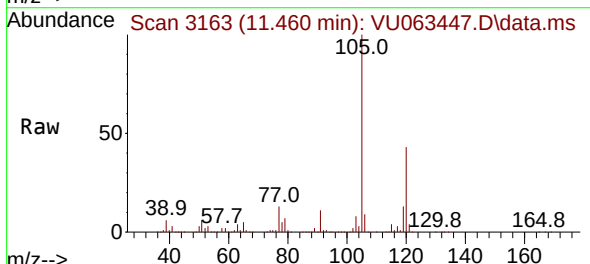
Tgt Ion:119 Resp: 581988
Ion Ratio Lower Upper
119 100
91 63.2 30.9 92.7
134 22.3 17.9 26.9

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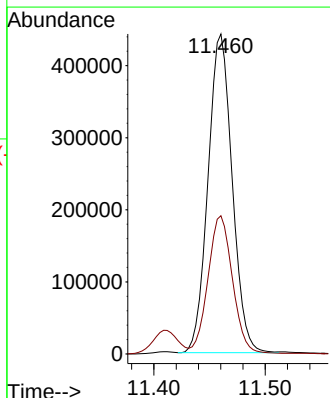
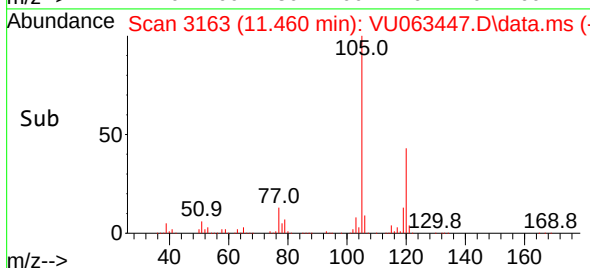
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

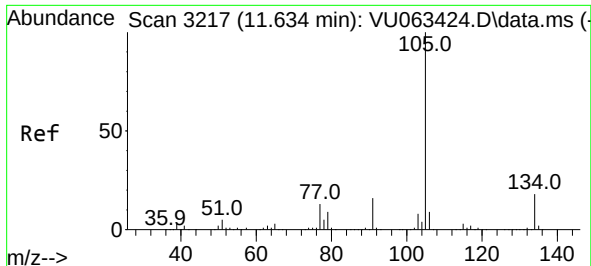


#78
1,2,4-Trimethylbenzene
Concen: 10.228 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



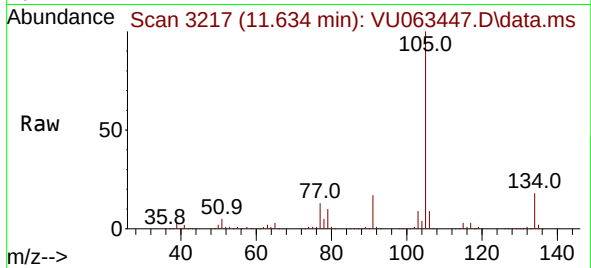
Tgt Ion:105 Resp: 666167
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 12.084 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57

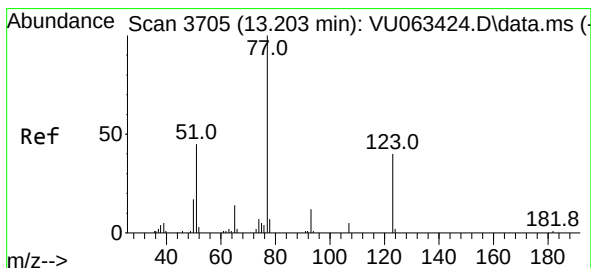
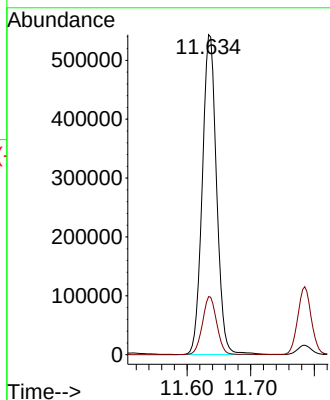
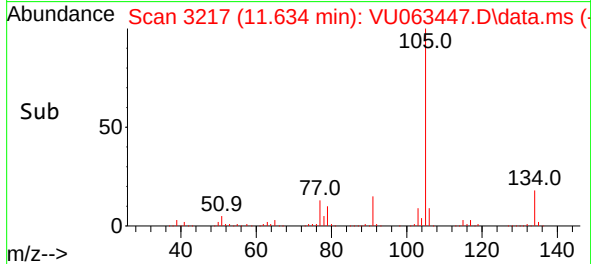
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 845790
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.8 22.2

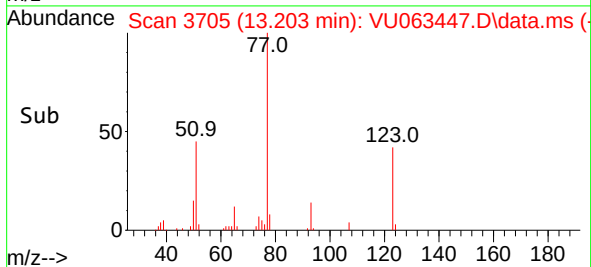
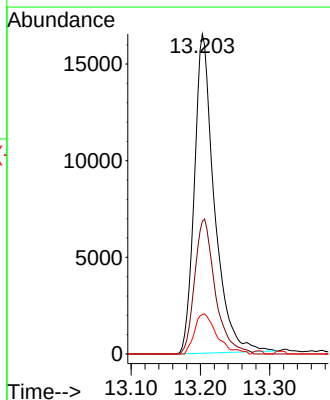
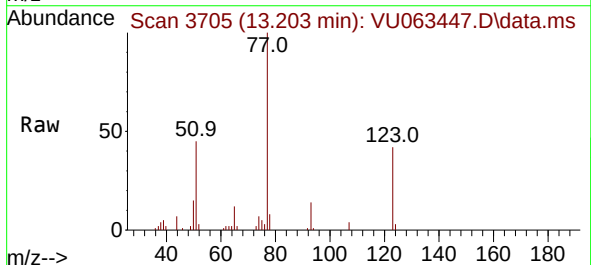
Manual Integrations
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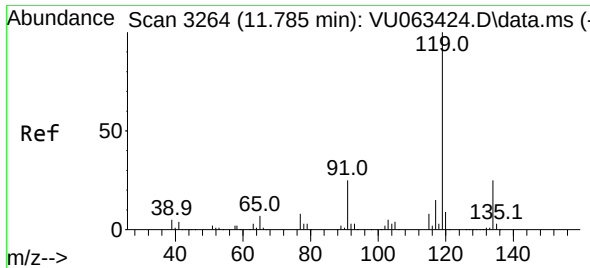
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 45.141 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063447.D
 Acq: 24 Jun 2025 19:57

Tgt Ion: 77 Resp: 33148
 Ion Ratio Lower Upper
 77 100
 123 43.4 19.6 69.6
 65 14.0 10.6 13.4#





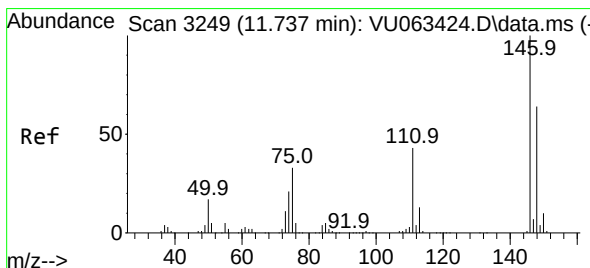
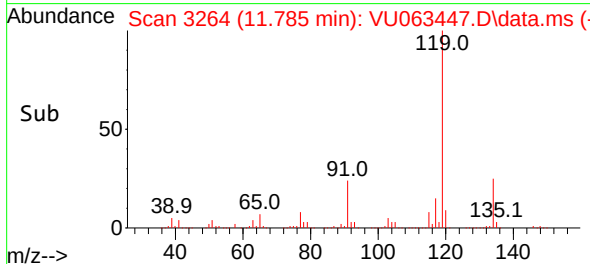
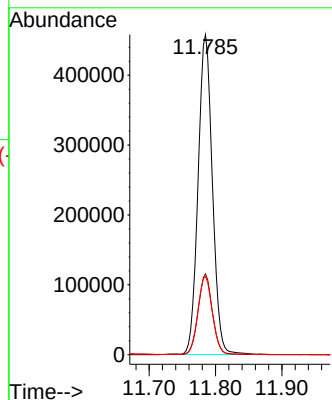
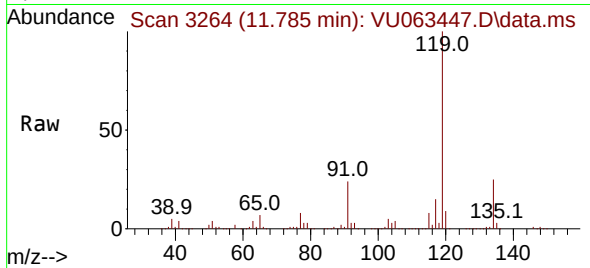
#81
p-Isopropyltoluene
Concen: 10.172 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 68509
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 24.6 19.7 29.5

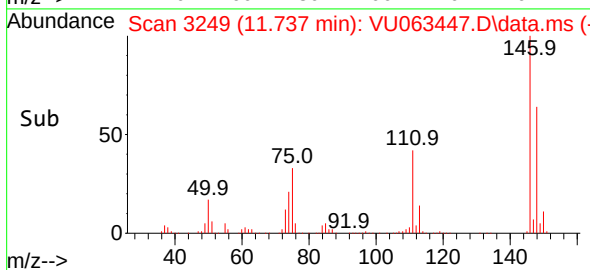
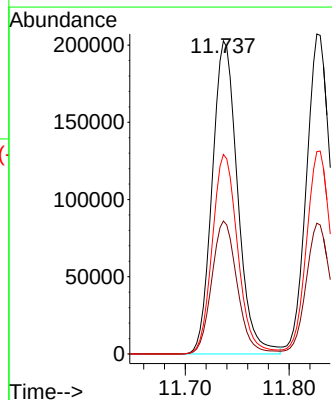
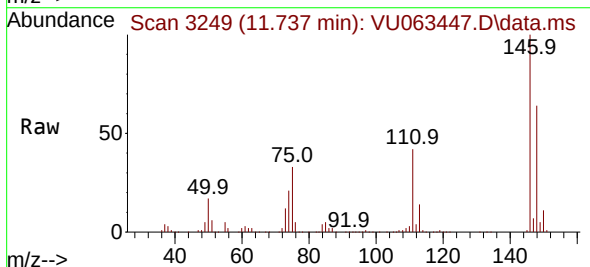
Manual Integrations
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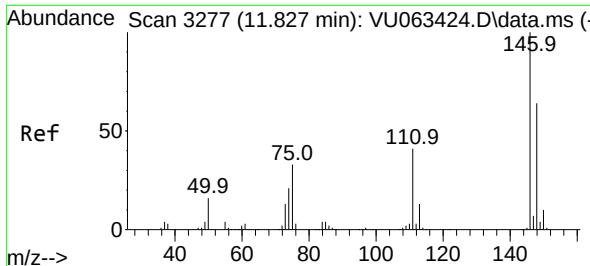
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 11.027 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

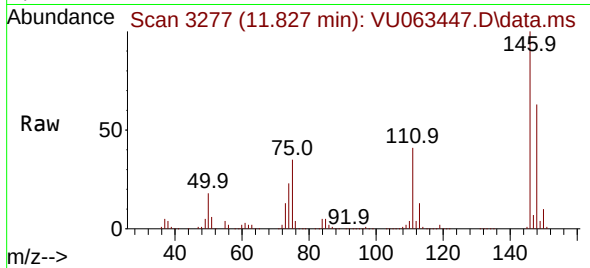
Tgt Ion:146 Resp: 344887
Ion Ratio Lower Upper
146 100
111 42.6 34.3 51.5
148 63.8 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.953 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

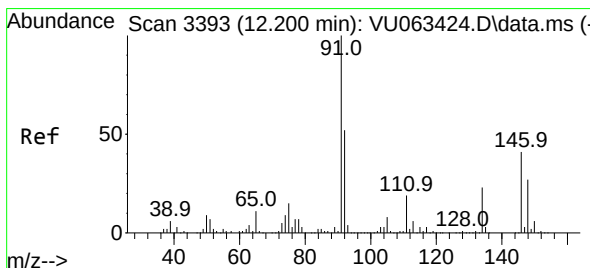
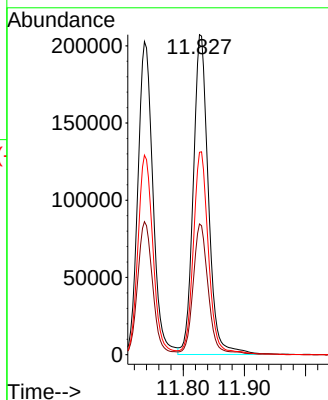
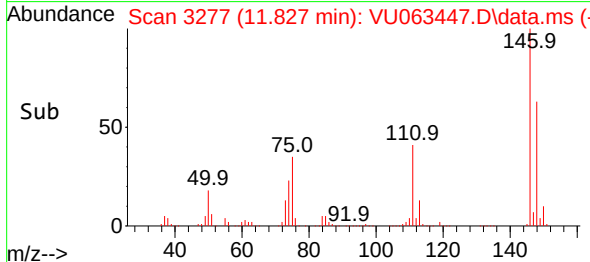
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



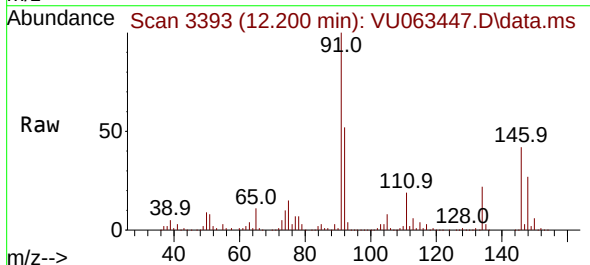
Tgt Ion:146 Resp: 355428
Ion Ratio Lower Upper
146 100
111 40.3 31.7 47.5
148 63.5 51.4 77.0

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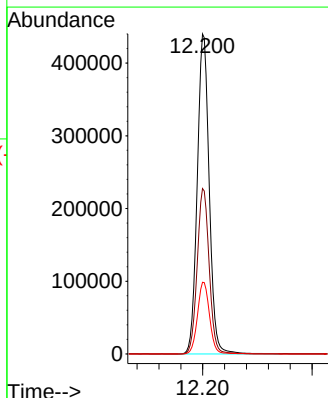
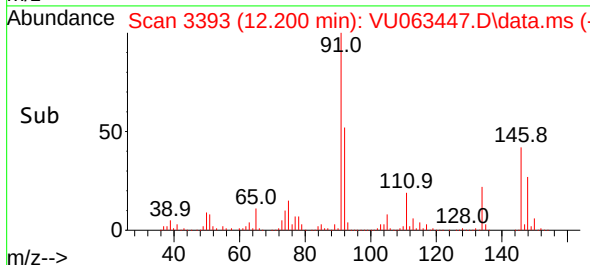
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

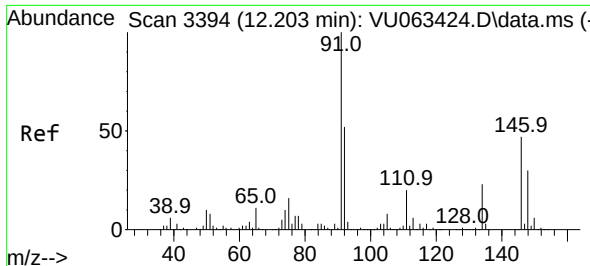


#84
n-Butylbenzene
Concen: 11.646 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



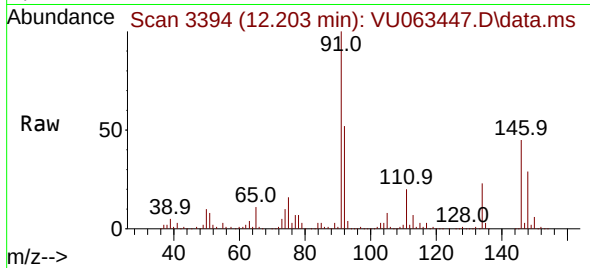
Tgt Ion: 91 Resp: 667287
Ion Ratio Lower Upper
91 100
92 51.8 41.0 61.6
134 22.6 18.5 27.7





#85
1,2-Dichlorobenzene
Concen: 11.059 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

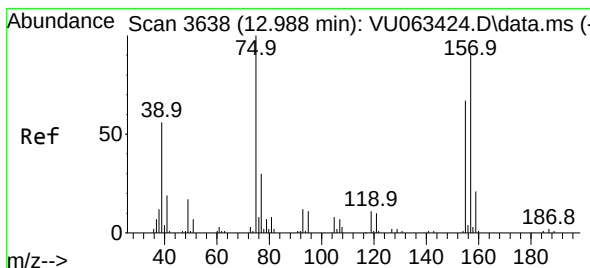
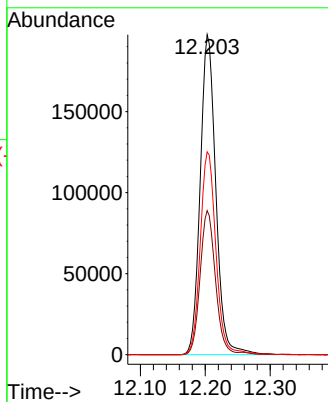
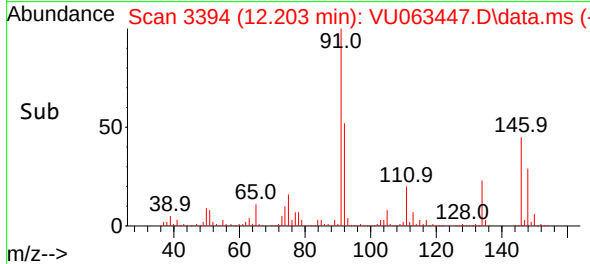
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 33100
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.4
148 63.8 32.3 96.9

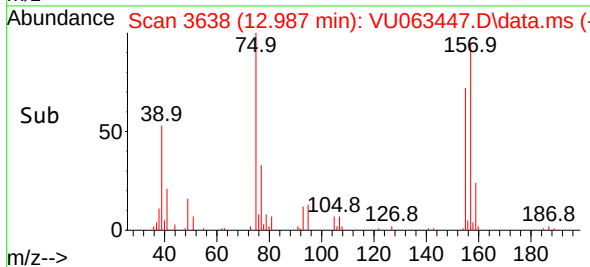
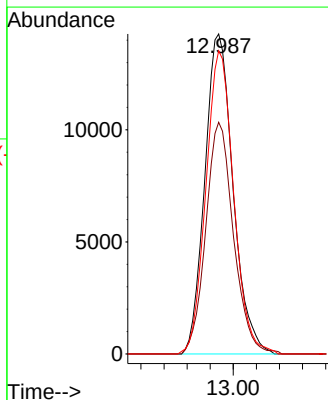
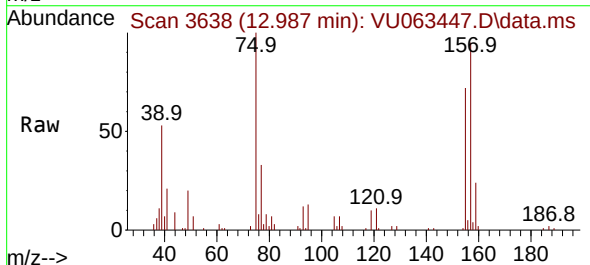
Manual Integrations
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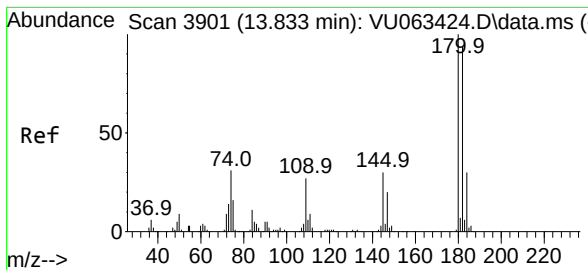
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.271 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

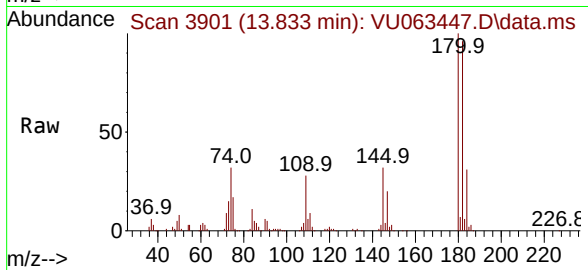
Tgt Ion: 75 Resp: 24244
Ion Ratio Lower Upper
75 100
155 71.1 59.7 89.5
157 92.9 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 10.737 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

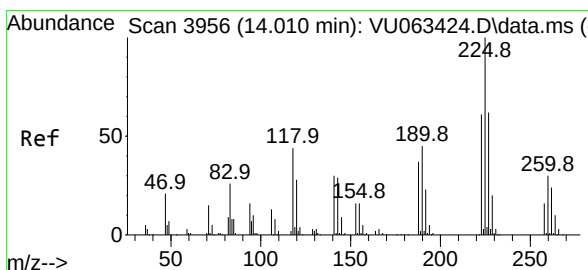
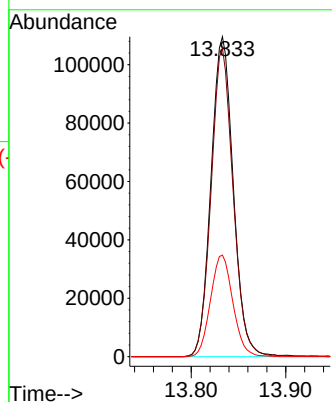
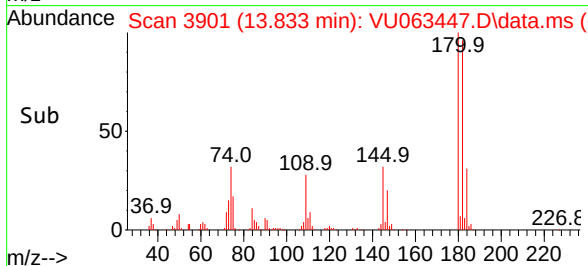
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



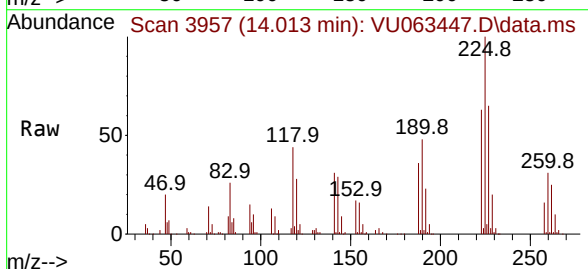
Tgt Ion:180 Resp: 17918
Ion Ratio Lower Upper
180 100
182 95.0 75.6 113.4
145 31.9 24.6 36.8

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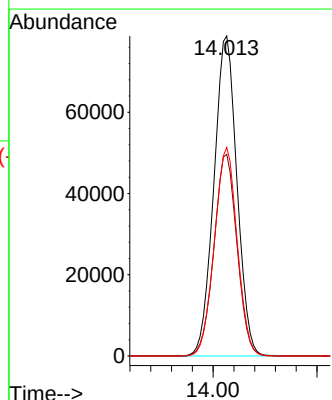
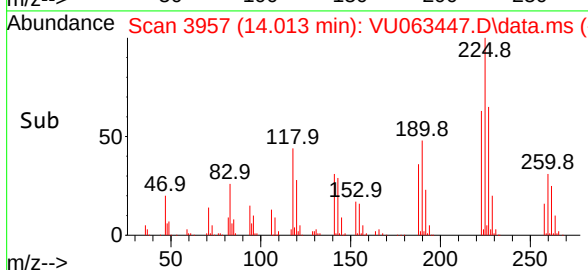
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

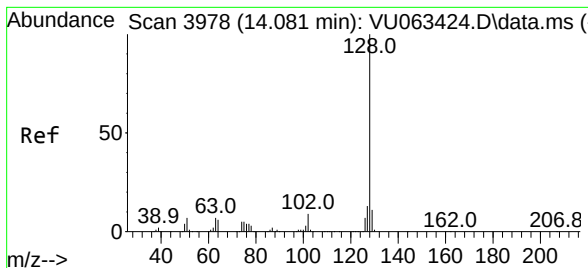


#88
Hexachlorobutadiene
Concen: 10.263 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57



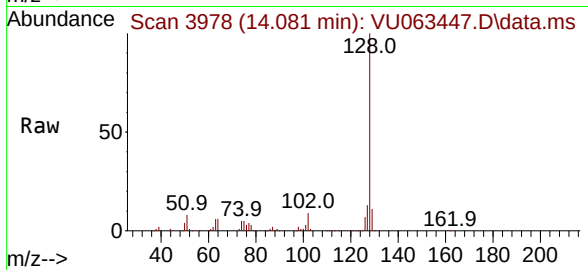
Tgt Ion:225 Resp: 121434
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 64.4 51.5 77.3





#89
Naphthalene
Concen: 9.113 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

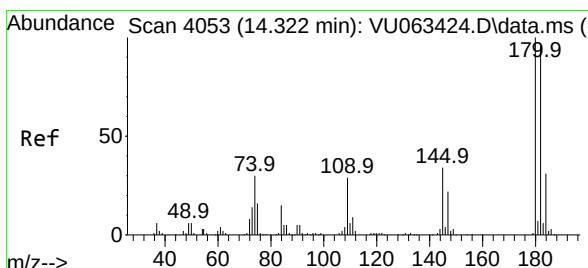
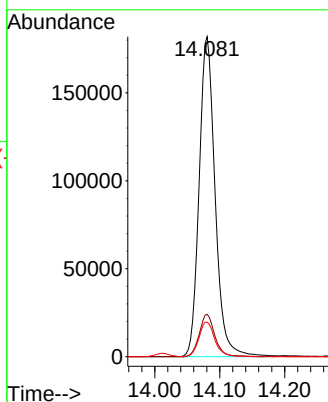
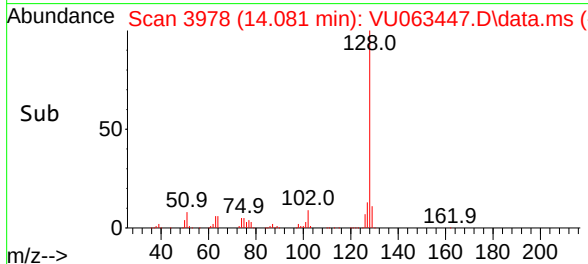
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 312238
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 11.000 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063447.D
Acq: 24 Jun 2025 19:57

Tgt Ion:180 Resp: 182533
Ion Ratio Lower Upper
180 100
182 96.5 76.7 115.1
145 33.4 27.4 41.2

