

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063569.D
 Acq On : 12 Sep 2025 15:44
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU091225

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

Quant Time: Sep 15 13:39:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	34445	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13777	1.074	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13614	1.041	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	80320	7.066	ug/l	98
3) Chloromethane	1.518	50	105809	9.505	ug/l	98
4) Vinyl Chloride	1.599	62	118700	9.842	ug/l	100
5) Bromomethane	1.843	94	70443	9.461	ug/l	99
6) Chloroethane	1.924	64	74677	9.631	ug/l	97
7) Trichlorofluoromethane	2.129	101	167049	9.438	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	95579	9.646	ug/l	99
9) 1,1-Dichloroethene	2.570	96	92896	10.350	ug/l	98
10) Iodomethane	2.708	142	132370	10.250	ug/l	100
11) Allyl Chloride	2.911	41	163437	10.950	ug/l	97
12) Acrylonitrile	3.303	53	124081	45.668	ug/l	98
13) Acetone	2.618	43	163494	42.505	ug/l	100
14) Carbon Disulfide	2.779	76	250266	13.345	ug/l	99
15) Methylene Chloride	3.030	84	113273	9.550	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	98723	10.321	ug/l	97
17) 1,1-Dichloroethane	3.850	63	206223	9.413	ug/l	99
18) 2-Butanone	4.708	43	192850	44.022	ug/l	100
19) Cyclohexane	5.364	56	180204	10.270	ug/l	92
20) Methylcyclohexane	6.743	83	185715	11.545	ug/l	99
21) 2,2-Dichloropropane	4.647	77	156113	9.633	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	120215	10.238	ug/l	100
23) Diethyl Ether	2.370	59	75187	9.451	ug/l	98
24) tert-Butyl Alcohol	3.181	59	79627	75.511	ug/l #	88
25) Methyl tert-Butyl Ether	3.358	73	252380	9.415	ug/l	99
26) Bromochloromethane	4.959	128	45146	9.513	ug/l	98
27) Chloroform	5.071	83	206112	9.401	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	167750	9.954	ug/l	99
29) 1,1-Dichloropropene	5.505	75	146046	9.327	ug/l	99
30) Carbon Tetrachloride	5.502	117	129463	10.434	ug/l	98
31) Isopropyl Ether	3.991	45	357447	9.734	ug/l #	1
33) Tert-Amyl methyl ether	5.753	73	7983	0.299	ug/l #	1
34) Propionitrile	4.769	54	93107	90.865	ug/l	97
35) Benzene	5.756	78	457671	10.153	ug/l	98
36) 1,2-Dichloroethane	5.782	62	135699	8.922	ug/l	99
37) Trichloroethene	6.528	130	105639	9.415	ug/l	100
38) 1,2-Dichloropropane	6.779	63	115264	9.652	ug/l	99
39) Methacrylonitrile	4.968	41	40944	8.465	ug/l	97
40) Methyl acrylate	4.846	55	61766	9.315	ug/l #	95
41) Tetrahydrofuran	5.058	42	107581	42.666	ug/l	98
42) 1-Chlorobutane	5.441	56	230163	10.485	ug/l	98
43) Dibromomethane	6.907	93	58922	10.290	ug/l	97
44) Bromodichloromethane	7.094	83	133935	10.948	ug/l	99
45) 4-Methyl-2-Pentanone	7.795	43	342447	47.755	ug/l	100

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Instrument :
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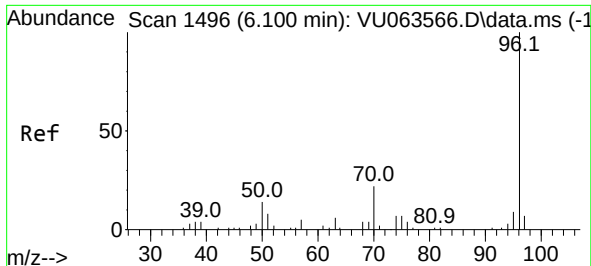
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 09/15/2025

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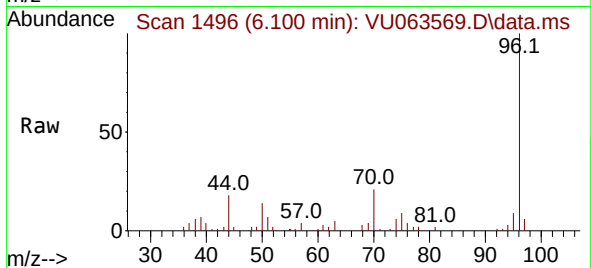
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	36628m	13.651	ug/l	
47) Methyl methacrylate	6.962	69	55341	10.804	ug/l	97
48) Ethyl methacrylate	8.335	69	94395	9.936	ug/l	99
49) Toluene	7.955	92	251443	10.278	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	88746	9.684	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	122118	10.017	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	75134	9.270	ug/l	99
53) 1,3-Dichloropropane	8.566	76	127348	9.044	ug/l	100
54) 2-Hexanone	8.685	43	250372	47.779	ug/l	100
55) Dibromochloromethane	8.801	129	76020	9.678	ug/l	99
56) 1,2-Dibromoethane	8.917	107	65689	9.395	ug/l	98
58) Tetrachloroethene	8.541	164	112593	10.190	ug/l	95
59) Chlorobenzene	9.438	112	285016	10.111	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	85494	9.285	ug/l	99
61) Pentachloroethane	11.418	117	65086	9.862	ug/l	98
62) Hexachloroethane	12.467	117	57833	10.075	ug/l	99
63) Ethyl Benzene	9.560	91	500285	10.394	ug/l	97
64) m/p-Xylenes	9.685	106	393873	21.295	ug/l	100
65) o-Xylene	10.090	106	189528	10.237	ug/l	99
66) Styrene	10.107	104	312233	10.565	ug/l	99
67) Bromoform	10.283	173	38976	9.962	ug/l	99
69) Isopropylbenzene	10.476	105	504012	11.215	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	91780	8.893	ug/l	97
71) 1,2,3-Trichloropropane	10.814	75	62470m	8.165	ug/l	
72) Bromobenzene	10.775	156	118682	10.179	ug/l	98
73) n-propylbenzene	10.897	120	135821	10.455	ug/l	96
74) 2-Chlorotoluene	10.978	126	121991	10.386	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	442138	10.519	ug/l	100
76) 4-Chlorotoluene	11.090	126	124541	10.124	ug/l	100
77) tert-Butylbenzene	11.412	119	412567	10.153	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	431058	10.538	ug/l	99
79) sec-Butylbenzene	11.634	105	566337	10.288	ug/l	99
80) Nitrobenzene	13.213	77	1641	11.125	ug/l #	73
81) p-Isopropyltoluene	11.785	119	480748	10.854	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	239105	10.191	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	241404	10.017	ug/l	98
84) n-Butylbenzene	12.200	91	440806	10.618	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	220029	9.723	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	12844	9.657	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	147133	10.737	ug/l	98
88) Hexachlorobutadiene	14.013	225	81942	9.609	ug/l	99
89) Naphthalene	14.081	128	244241	10.082	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	125780	9.672	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

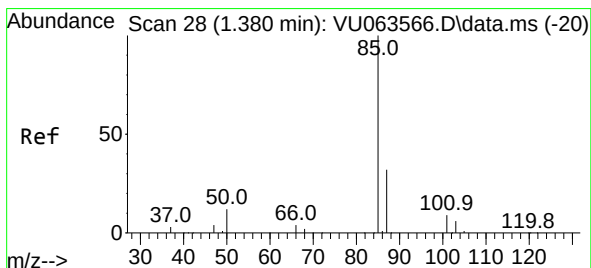
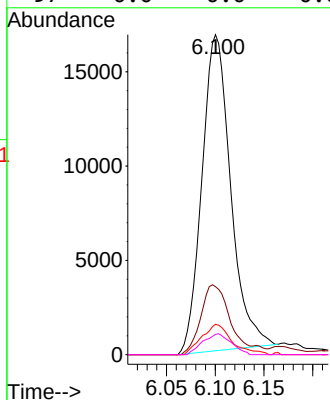
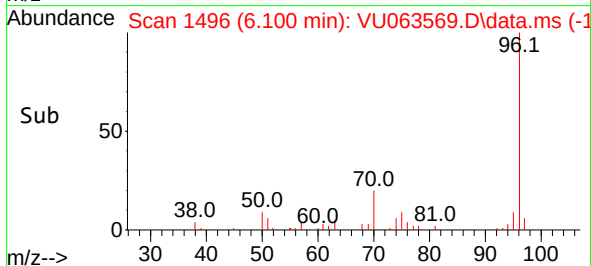
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 96 Resp: 3444
Ion Ratio Lower Upper
96 100
70 20.9 15.5 23.3
95 10.1 7.7 11.5
97 0.0 0.0 0.0

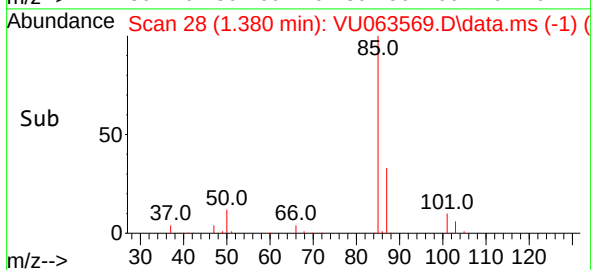
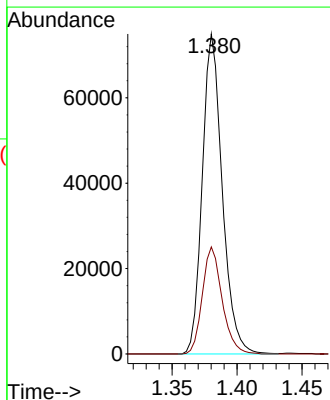
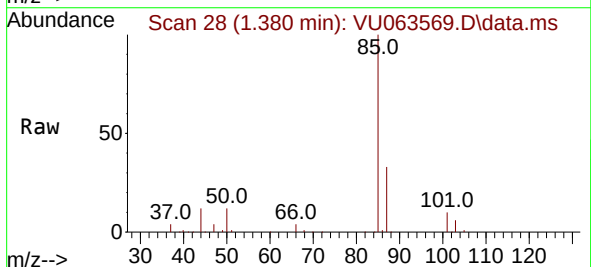
Manual Integrations
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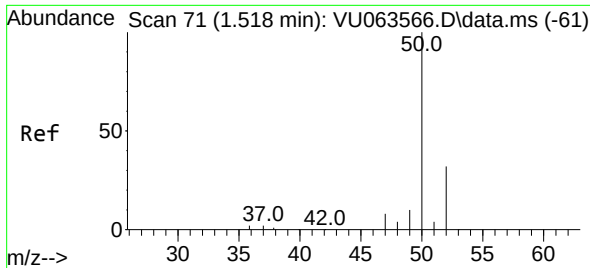
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#2
Dichlorodifluoromethane
Concen: 7.066 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

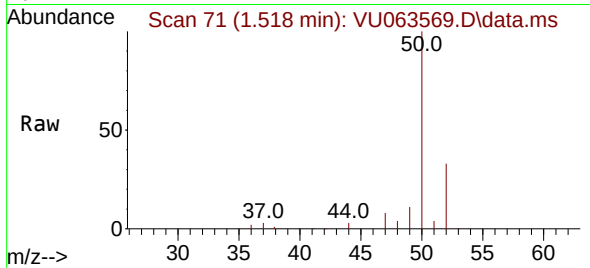
Tgt Ion: 85 Resp: 80320
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2





#3
Chloromethane
Concen: 9.505 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

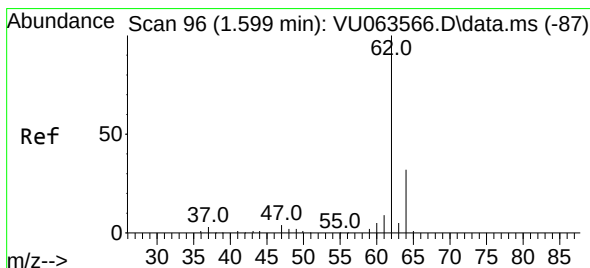
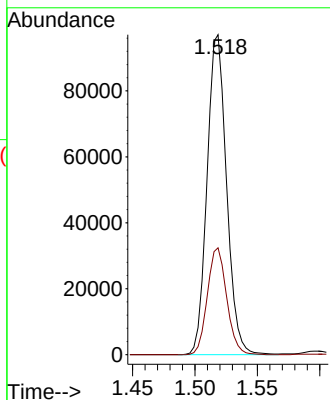
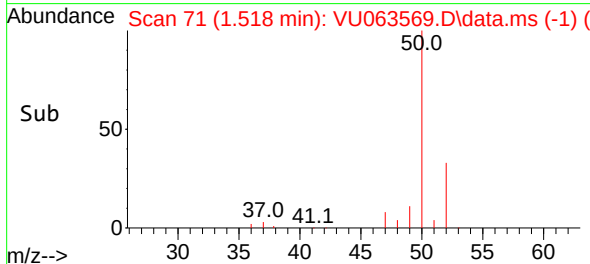
Instrument :
MSVOA_U
ClientSampleId :
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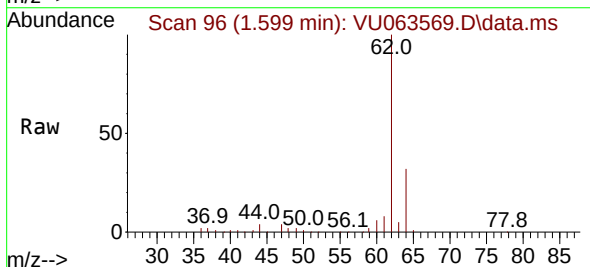
Tgt Ion: 50 Resp: 105809
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4

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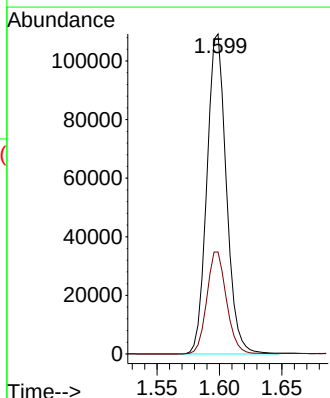
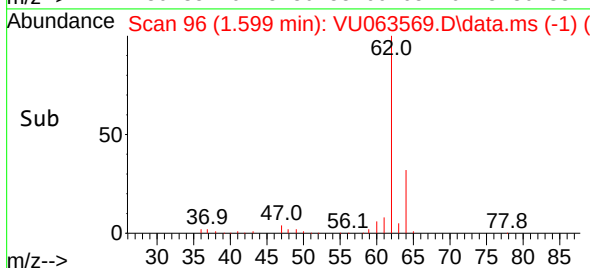
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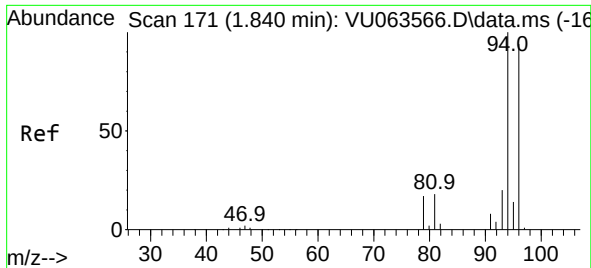


#4
Vinyl Chloride
Concen: 9.842 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



Tgt Ion: 62 Resp: 118700
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





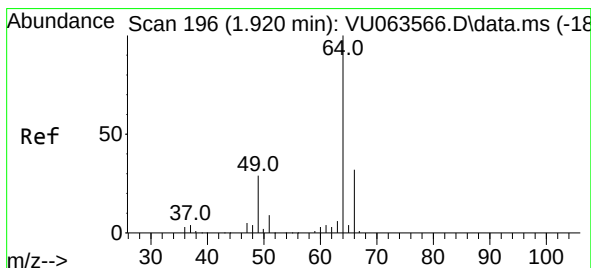
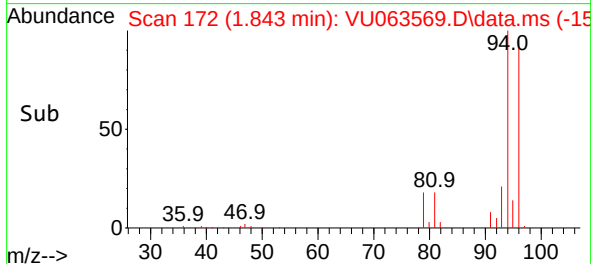
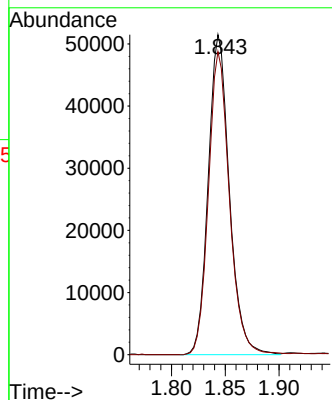
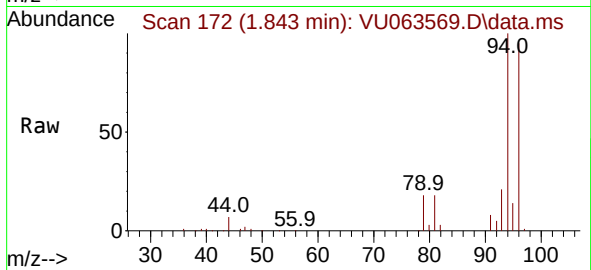
#5
Bromomethane
Concen: 9.461 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 7044
Ion Ratio Lower Upper
94 100
96 94.7 75.1 112.7

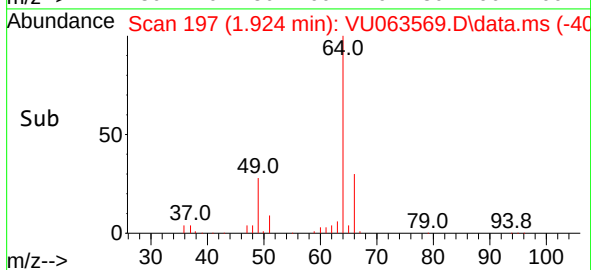
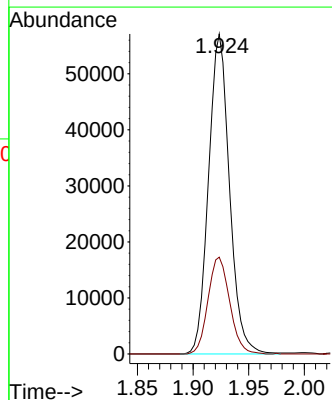
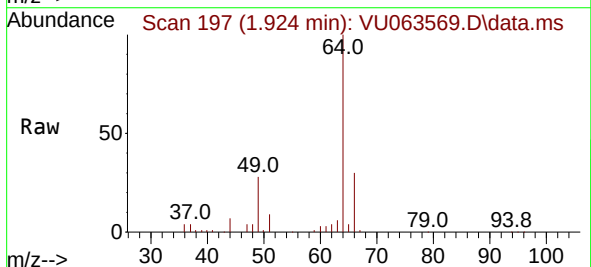
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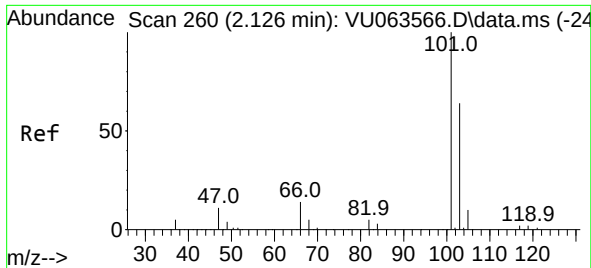
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#6
Chloroethane
Concen: 9.631 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

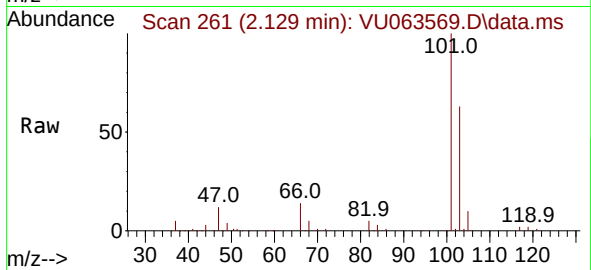
Tgt Ion: 64 Resp: 74677
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 9.438 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

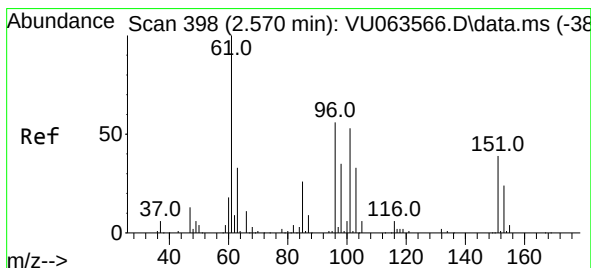
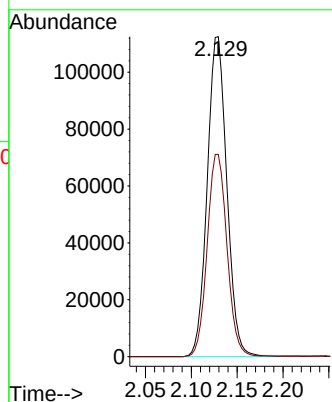
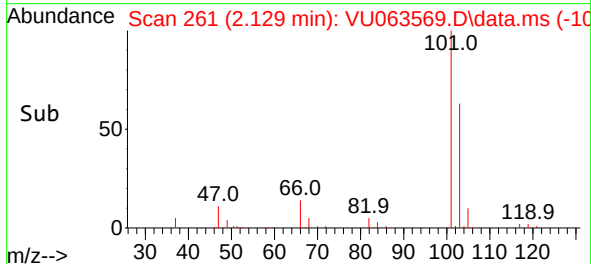
Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:101 Resp: 167049
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.8 76.2

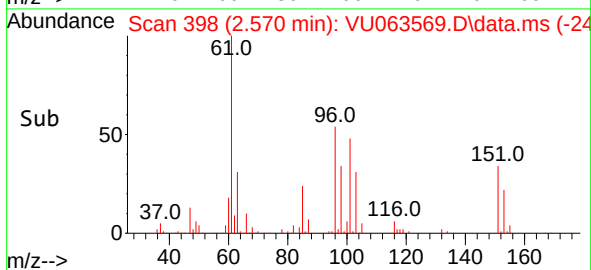
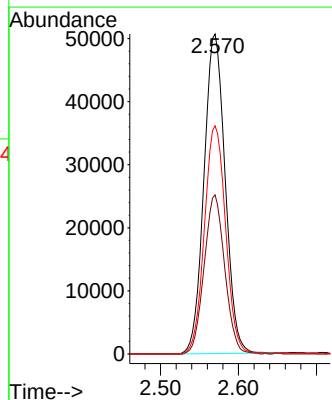
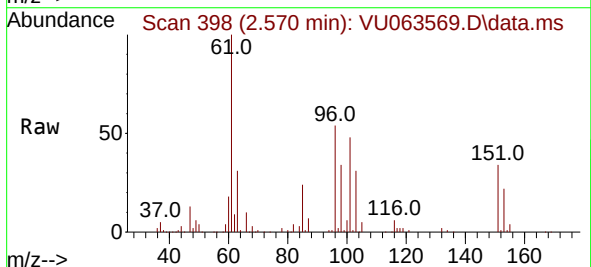
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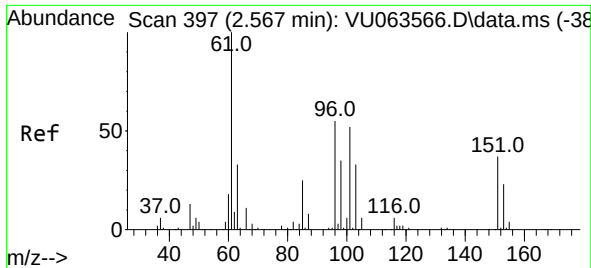
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.646 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

Tgt Ion:101 Resp: 95579
 Ion Ratio Lower Upper
 101 100
 85 48.4 38.7 58.1
 151 71.7 58.2 87.2





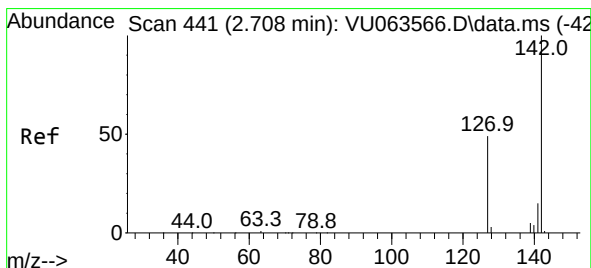
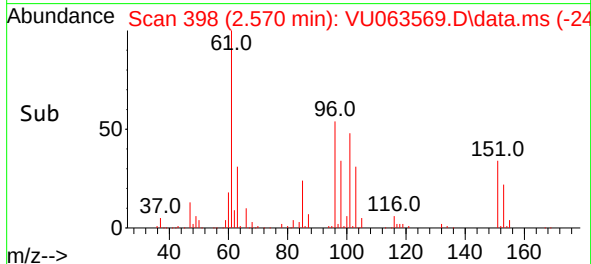
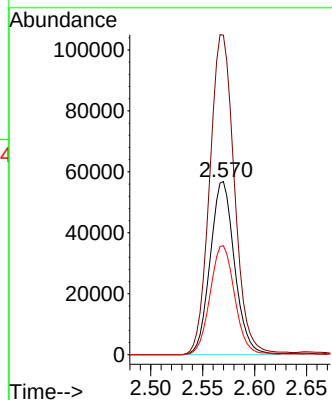
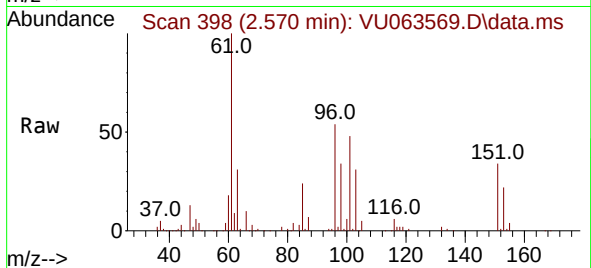
#9
1,1-Dichloroethene
Concen: 10.350 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 96 Resp: 92890
Ion Ratio Lower Upper
96 100
61 184.6 0.0 543.9
98 63.0 0.0 125.8

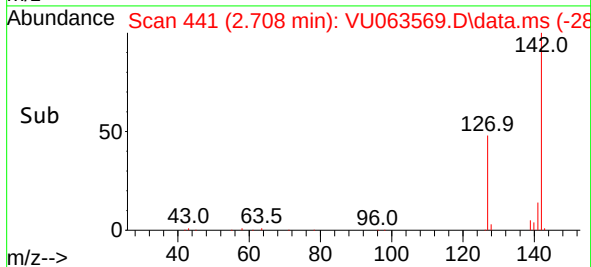
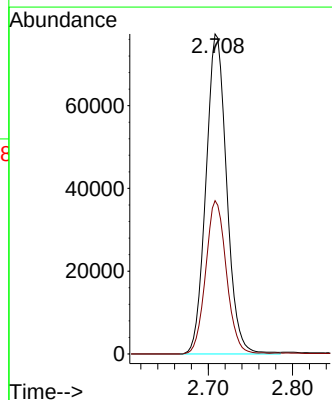
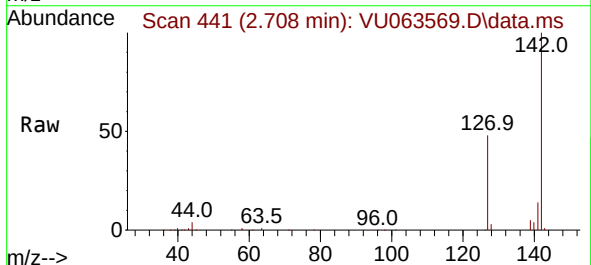
Manual Integrations
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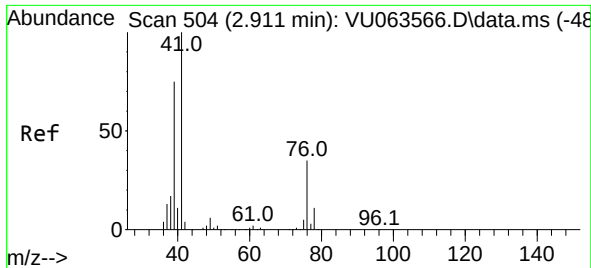
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#10
Iodomethane
Concen: 10.250 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

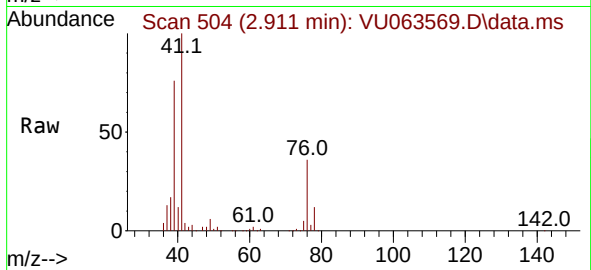
Tgt Ion:142 Resp: 132370
Ion Ratio Lower Upper
142 100
127 48.0 38.6 58.0





#11
 Allyl Chloride
 Concen: 10.950 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

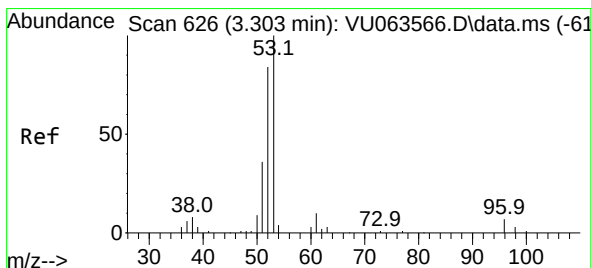
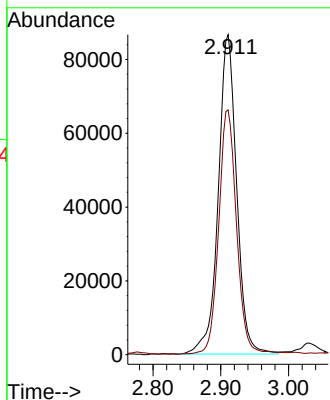
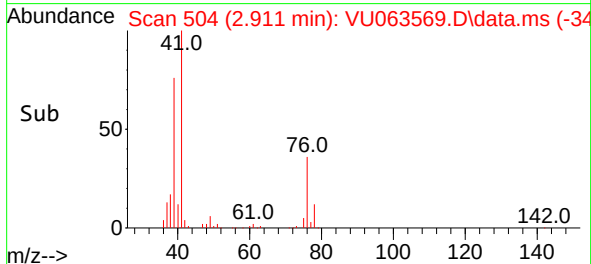
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091225



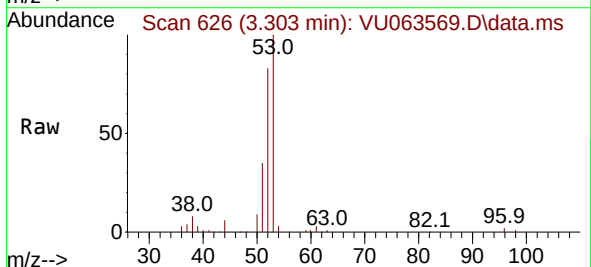
Tgt Ion: 41 Resp: 16343
 Ion Ratio Lower Upper
 41 100
 39 73.7 61.2 91.8

Manual Integrations
 APPROVED

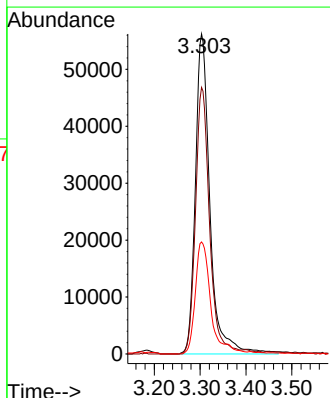
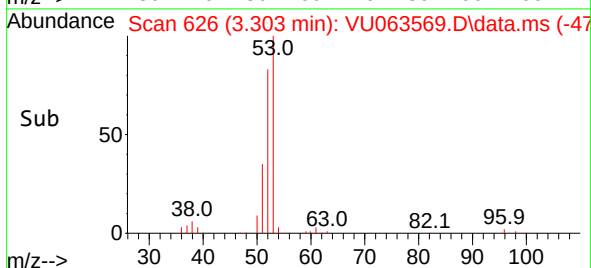
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

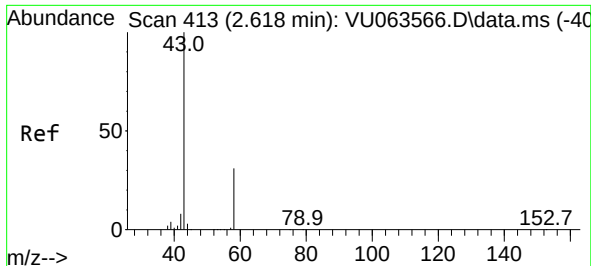


#12
 Acrylonitrile
 Concen: 45.668 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44



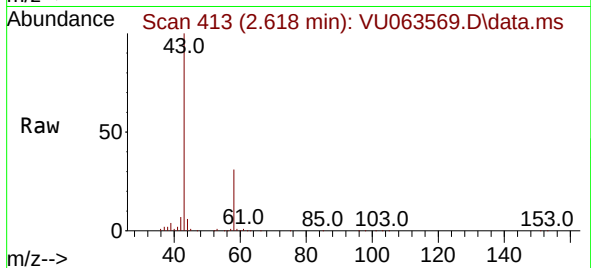
Tgt Ion: 53 Resp: 124081
 Ion Ratio Lower Upper
 53 100
 52 80.2 65.0 97.4
 51 37.2 31.2 46.8





#13
Acetone
Concen: 42.505 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

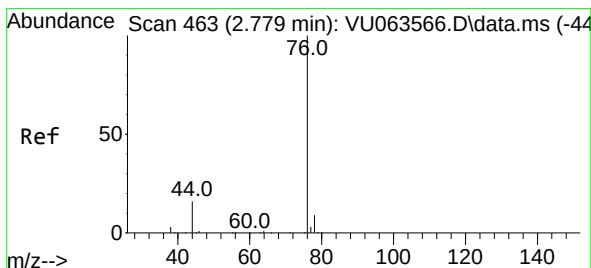
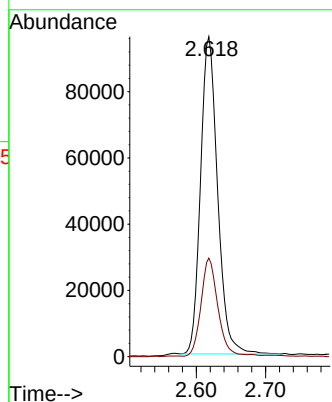
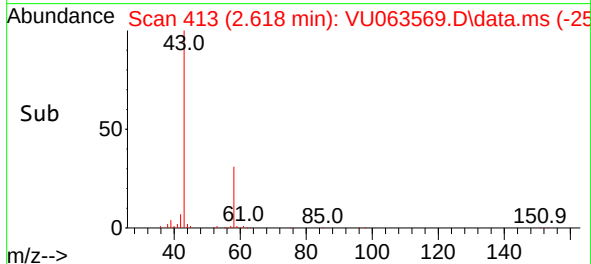
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 43 Resp: 163494
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1

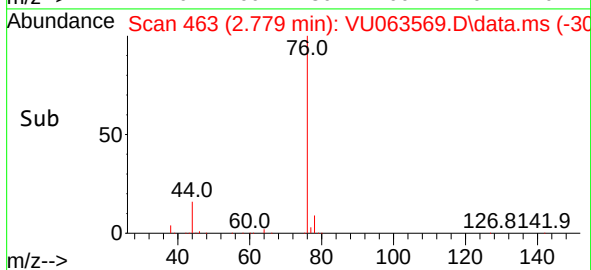
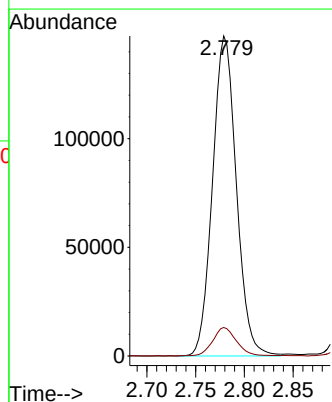
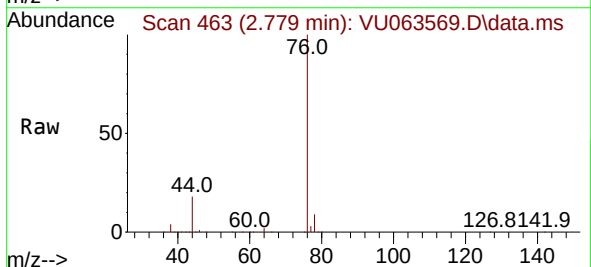
Manual Integrations
APPROVED

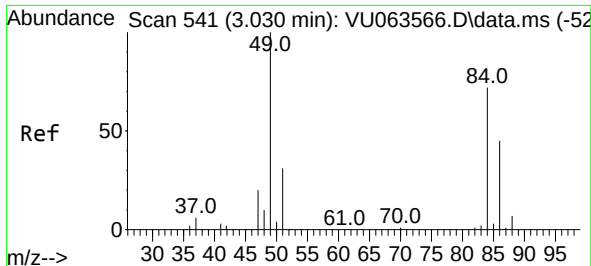
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#14
Carbon Disulfide
Concen: 13.345 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

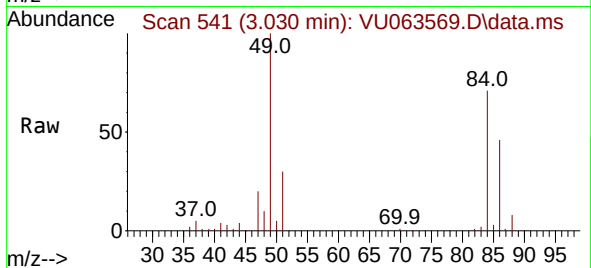
Tgt Ion: 76 Resp: 250266
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#15
Methylene Chloride
Concen: 9.550 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

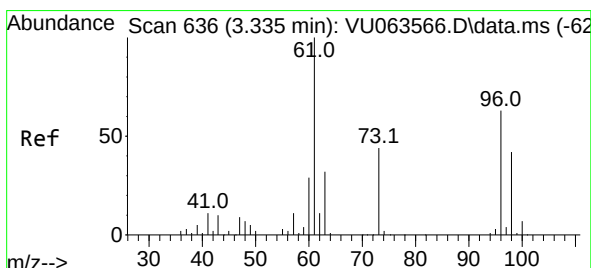
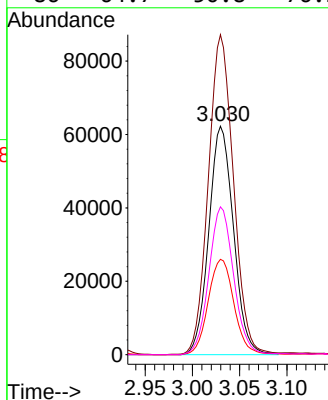
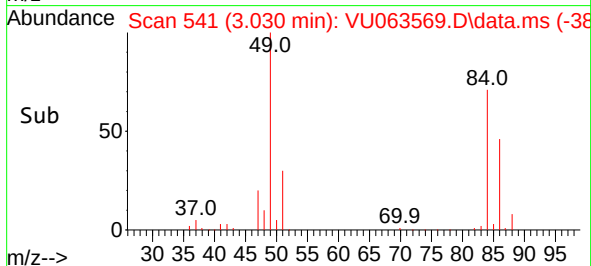
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



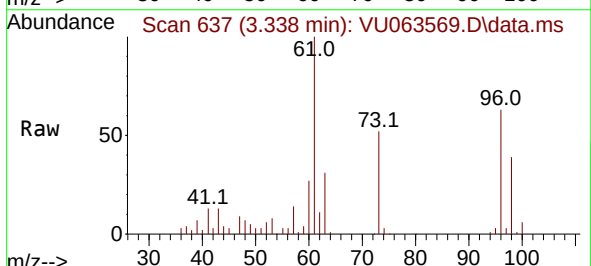
Tgt Ion: 84 Resp: 113273
Ion Ratio Lower Upper
84 100
49 139.8 111.8 167.6
51 41.7 0.0 86.0
86 64.7 50.8 76.2

Manual Integrations
APPROVED

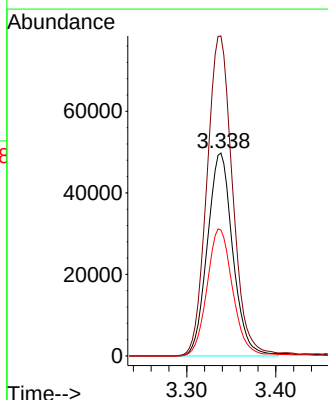
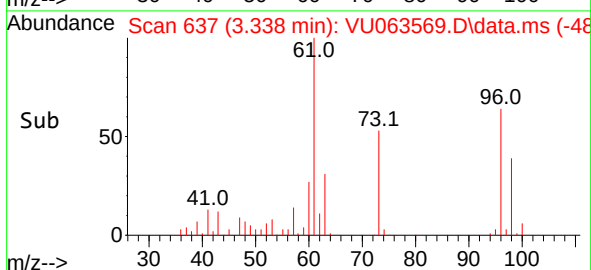
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

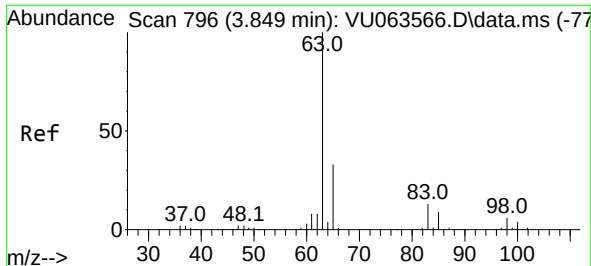


#16
trans-1,2-Dichloroethene
Concen: 10.321 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



Tgt Ion: 96 Resp: 98723
Ion Ratio Lower Upper
96 100
61 157.6 127.8 191.6
98 62.1 53.8 80.8





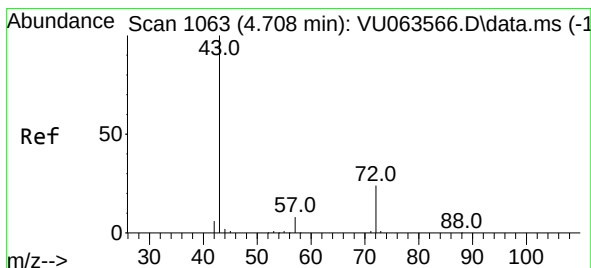
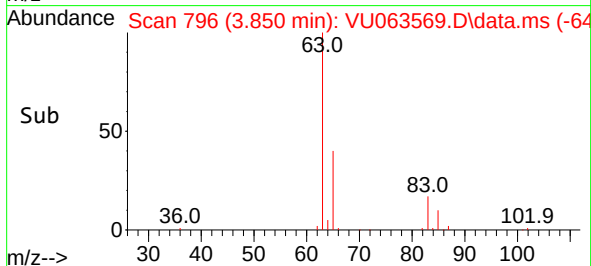
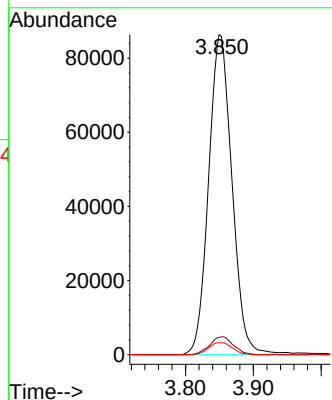
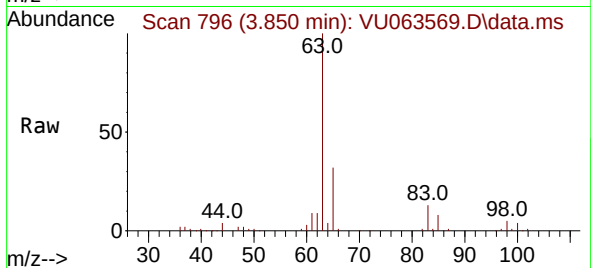
#17
1,1-Dichloroethane
Concen: 9.413 ug/l
RT: 3.850 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 63 Resp: 20622
Ion Ratio Lower Upper
63 100
98 5.4 2.9 8.8
100 3.7 2.0 5.8

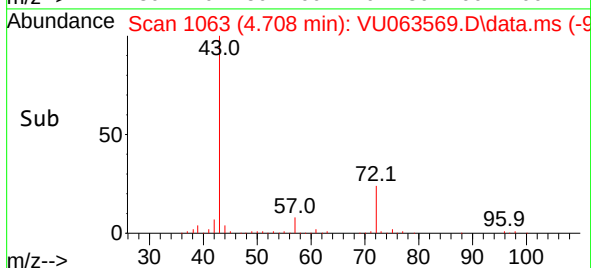
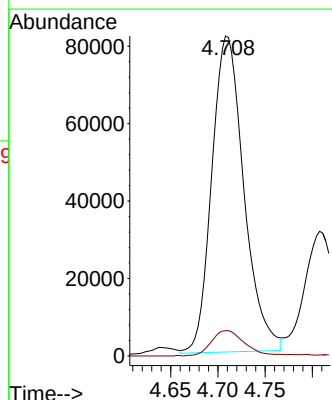
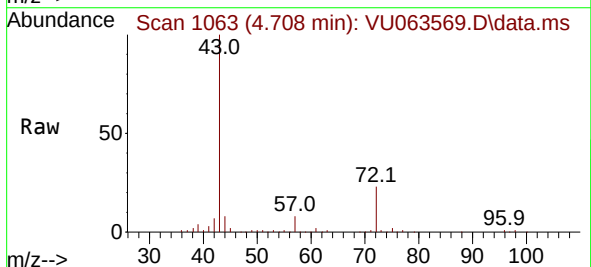
Manual Integrations
APPROVED

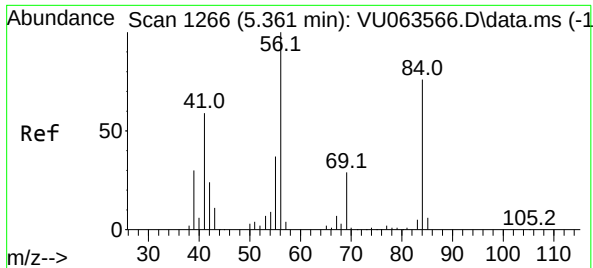
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#18
2-Butanone
Concen: 44.022 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 43 Resp: 192850
Ion Ratio Lower Upper
43 100
57 7.9 0.0 15.8





#19

Cyclohexane

Concen: 10.270 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

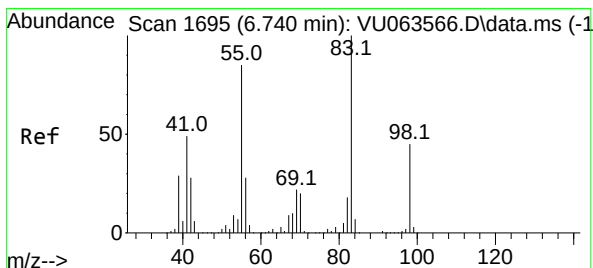
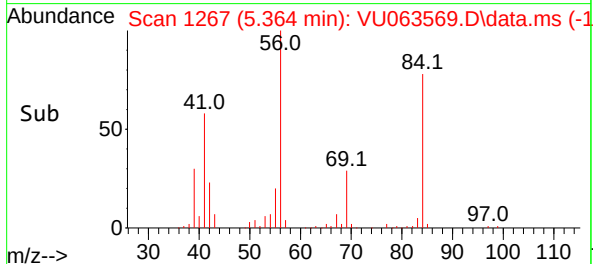
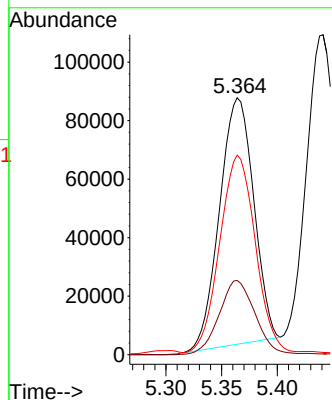
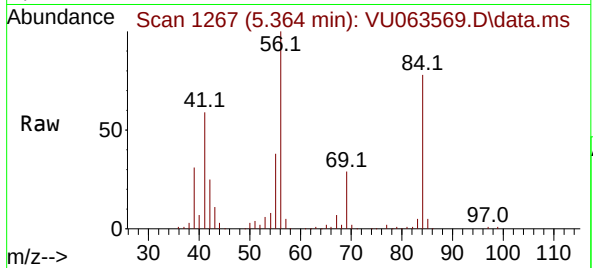
Tgt Ion: 56 Resp: 180204

Ion	Ratio	Lower	Upper
56	100		
69	30.9	22.7	34.1
84	82.3	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#20

Methylcyclohexane

Concen: 11.545 ug/l

RT: 6.743 min Scan# 1696

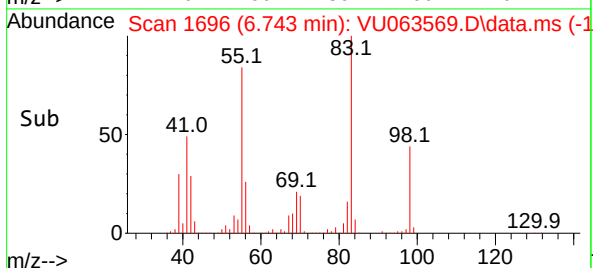
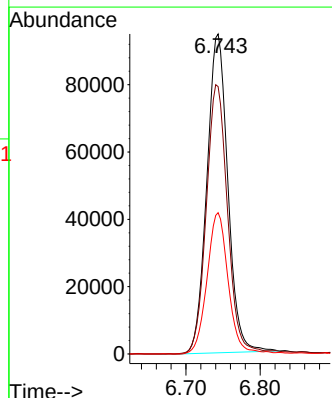
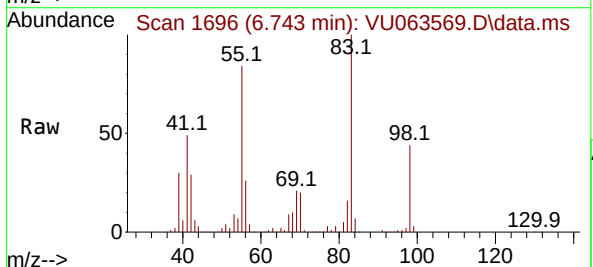
Delta R.T. 0.003 min

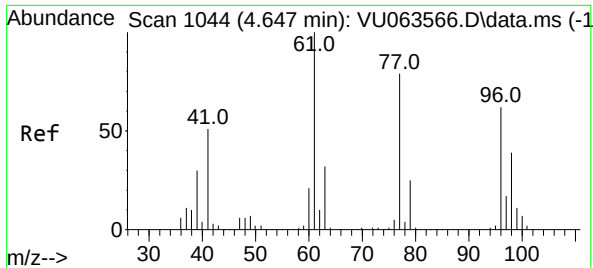
Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Tgt Ion: 83 Resp: 185715

Ion	Ratio	Lower	Upper
83	100		
55	84.0	66.7	100.1
98	44.0	35.9	53.9





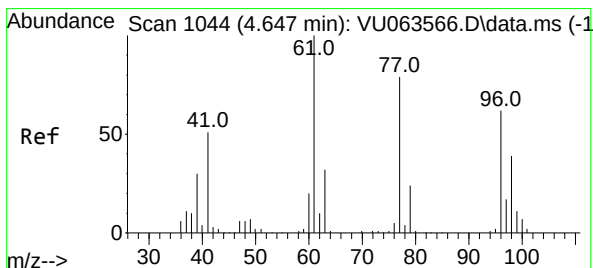
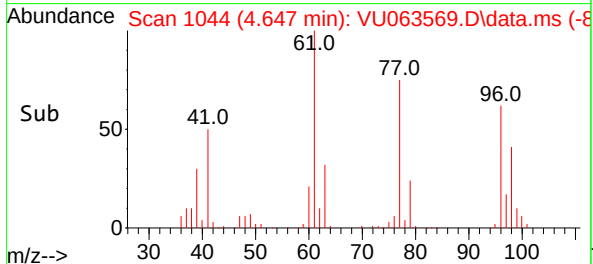
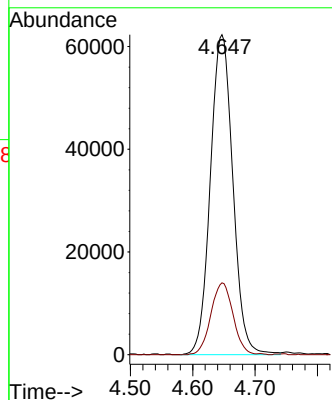
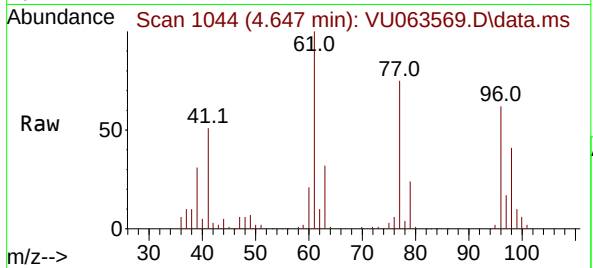
#21
2,2-Dichloropropane
Concen: 9.633 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 77 Resp: 15611
Ion Ratio Lower Upper
77 100
97 22.1 17.5 26.3

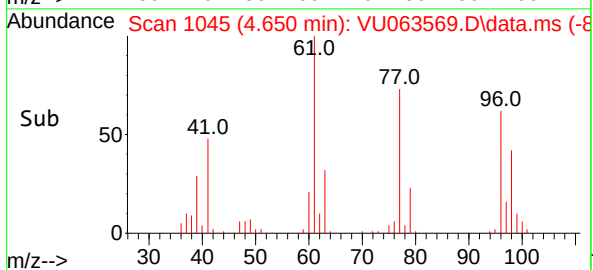
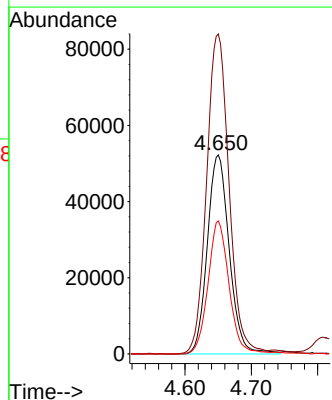
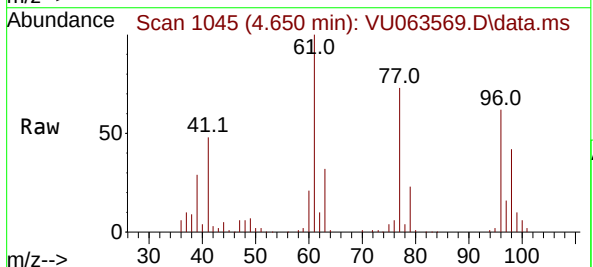
Manual Integrations
APPROVED

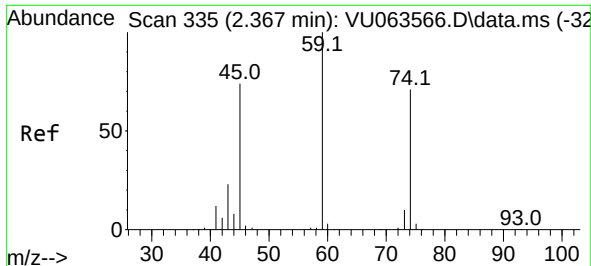
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#22
cis-1,2-Dichloroethene
Concen: 10.238 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 96 Resp: 120215
Ion Ratio Lower Upper
96 100
61 163.9 0.0 411.0
98 63.8 31.9 95.9





#23

Diethyl Ether

Concen: 9.451 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

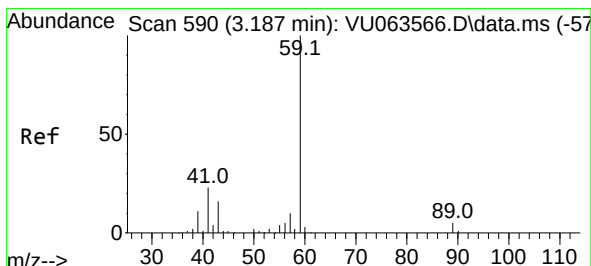
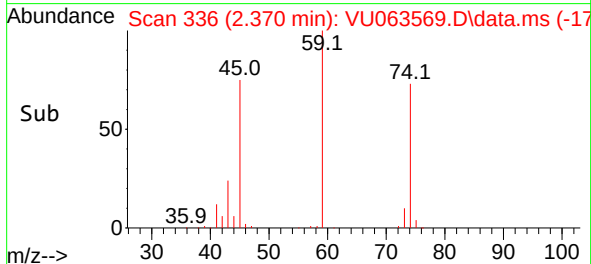
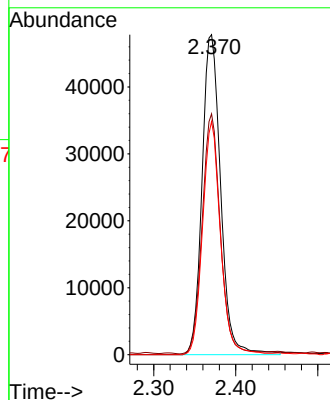
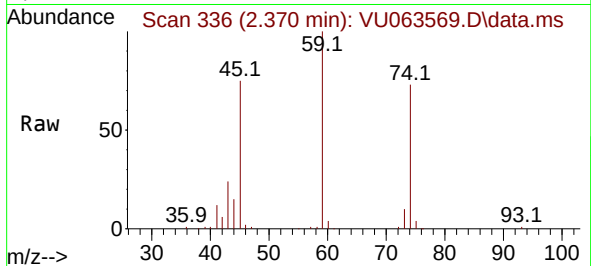
ICVVU091225

Tgt Ion: 59	Resp: 7518
Ion Ratio	Lower Upper
59	100
45	73.0 59.0 88.6
74	70.3 57.8 86.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#24

tert-Butyl Alcohol

Concen: 75.511 ug/l

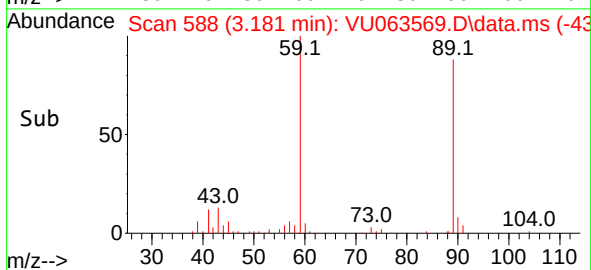
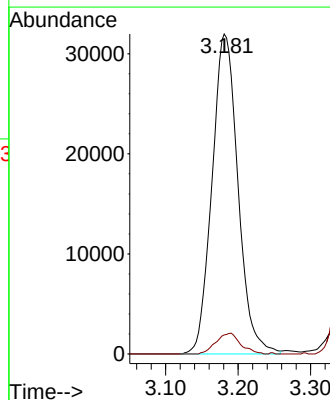
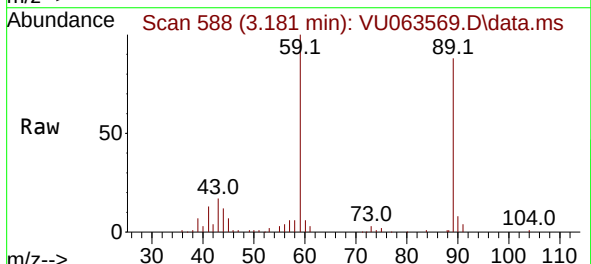
RT: 3.181 min Scan# 588

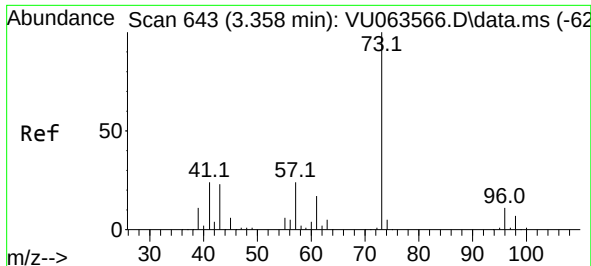
Delta R.T. -0.006 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Tgt Ion: 59	Resp: 79627
Ion Ratio	Lower Upper
59	100
57	6.1 8.6 12.8#





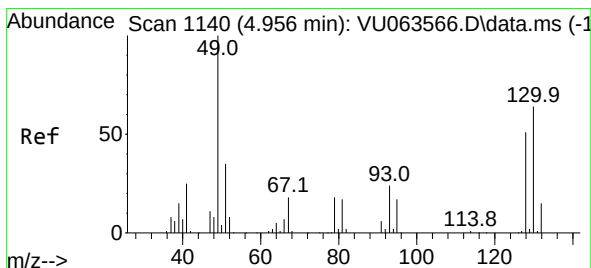
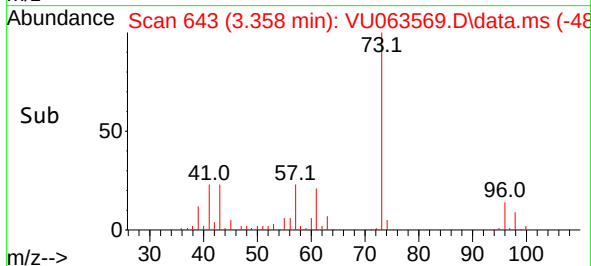
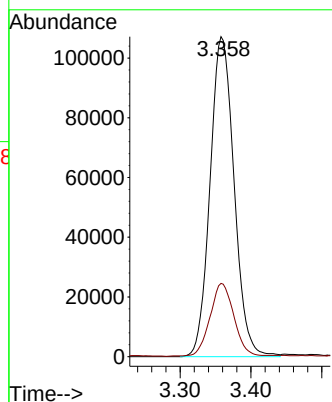
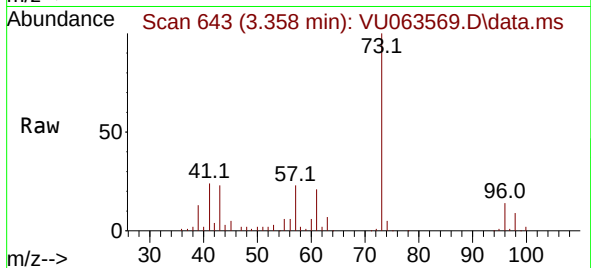
#25
Methyl tert-Butyl Ether
Concen: 9.415 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 73 Resp: 252380
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1

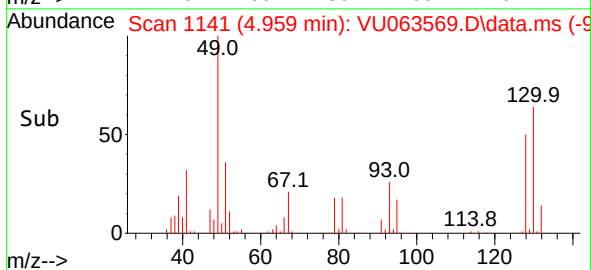
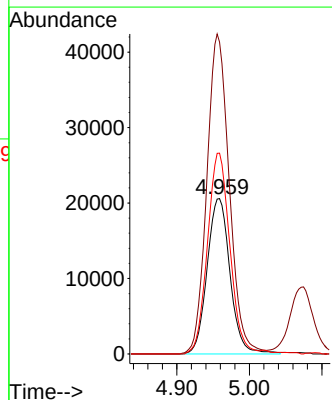
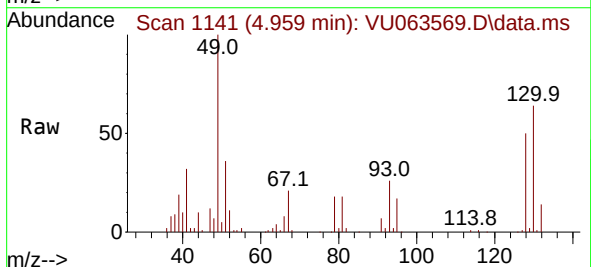
Manual Integrations
APPROVED

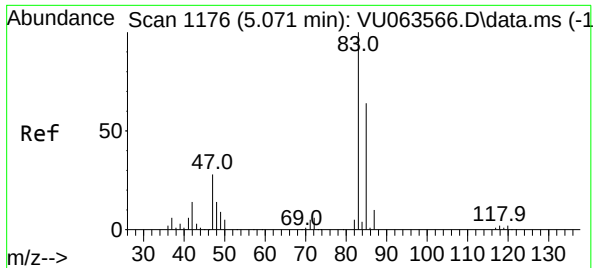
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#26
Bromochloromethane
Concen: 9.513 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion:128 Resp: 45146
Ion Ratio Lower Upper
128 100
49 201.8 0.0 410.2
130 125.9 103.4 155.0





#27

Chloroform

Concen: 9.401 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion: 83 Resp: 20611

Ion Ratio Lower Upper

83 100

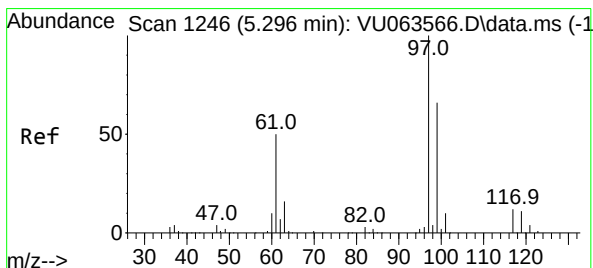
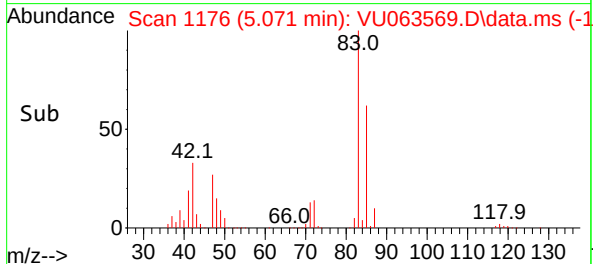
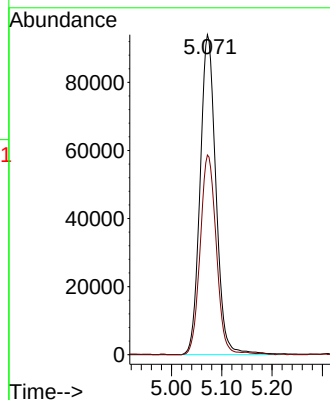
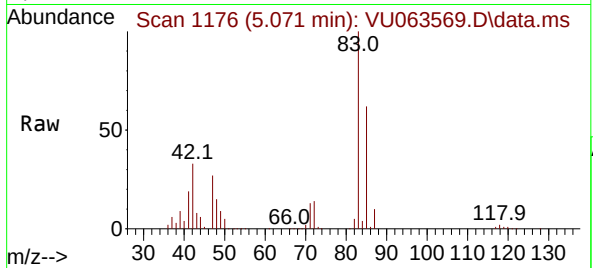
85 62.4 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#28

1,1,1-Trichloroethane

Concen: 9.954 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

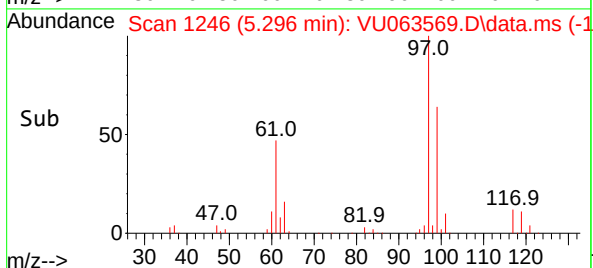
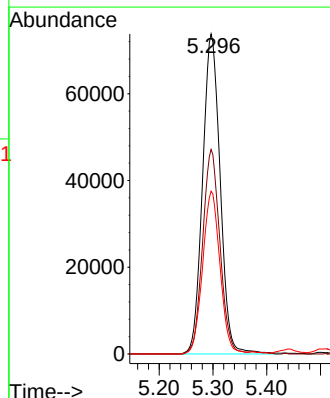
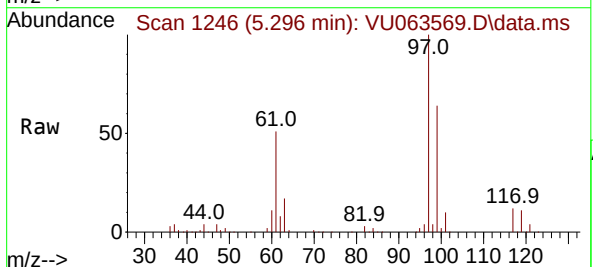
Tgt Ion: 97 Resp: 167750

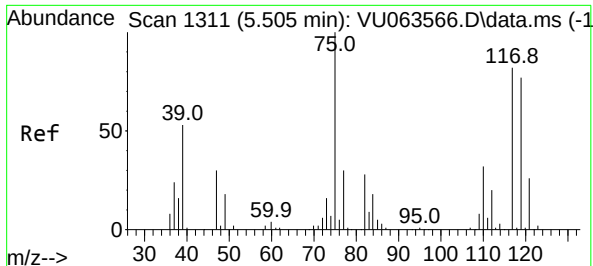
Ion Ratio Lower Upper

97 100

99 62.7 32.4 97.0

61 50.3 25.1 75.4





#29
1,1-Dichloropropene
Concen: 9.327 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

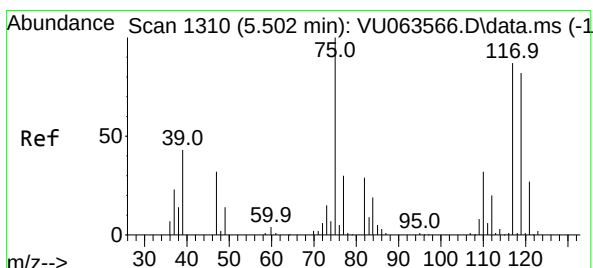
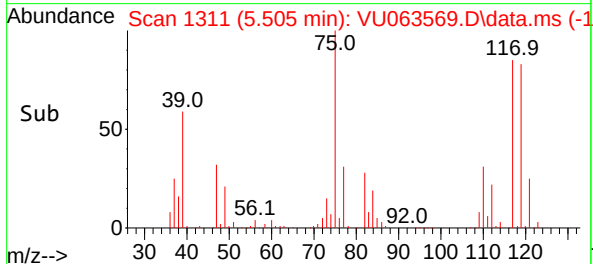
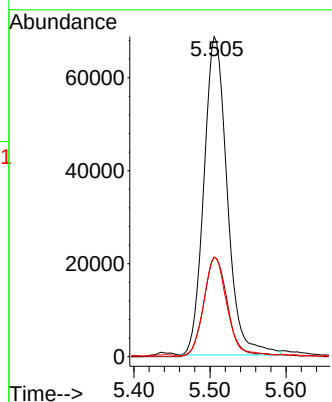
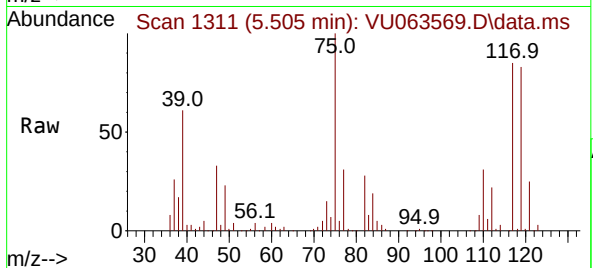
ICVVU091225

Tgt Ion: 75 Resp: 146040
Ion Ratio Lower Upper
75 100
110 31.7 16.4 49.4
77 30.8 24.6 37.0

Manual Integrations

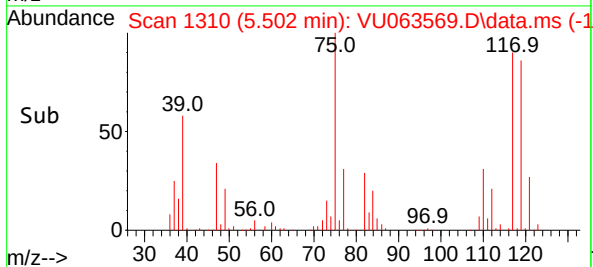
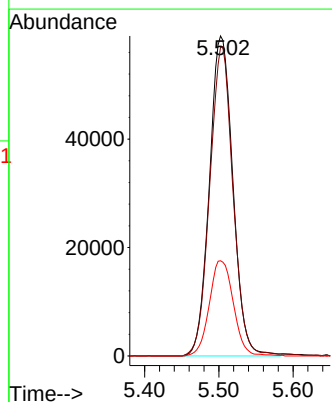
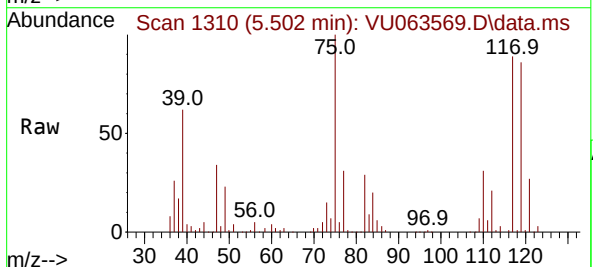
APPROVED

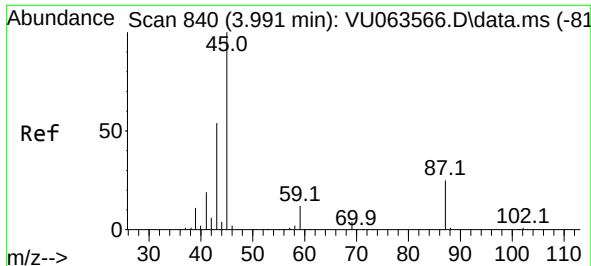
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#30
Carbon Tetrachloride
Concen: 10.434 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

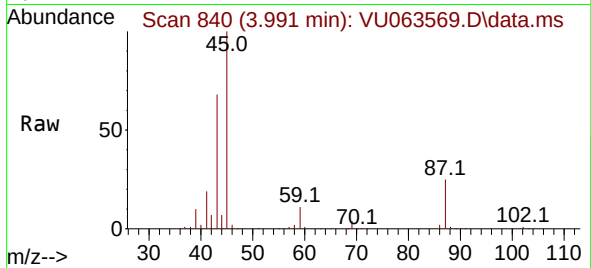
Tgt Ion:117 Resp: 129463
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5
121 29.7 25.4 38.0





#31
Isopropyl Ether
Concen: 9.734 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

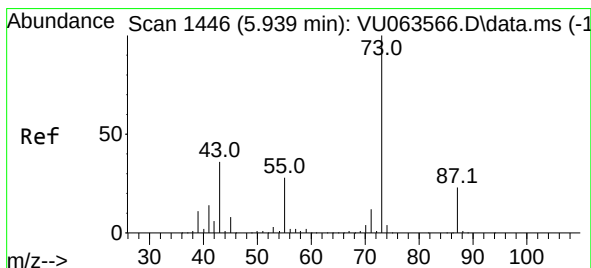
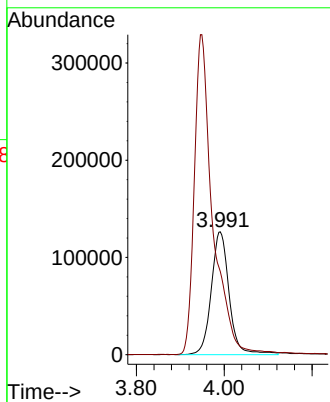
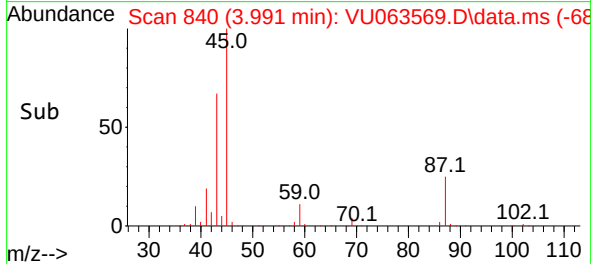
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 45 Resp: 35744
Ion Ratio Lower Upper
45 100
43 266.5 26.2 78.6

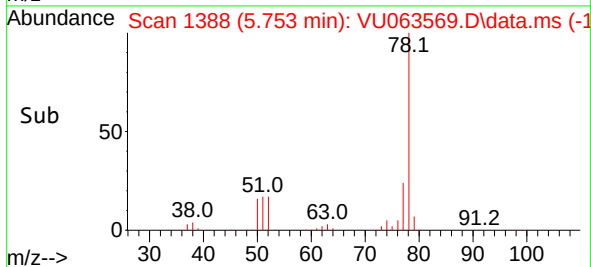
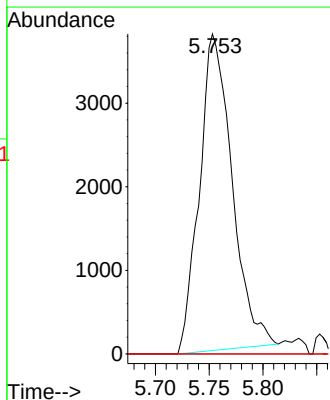
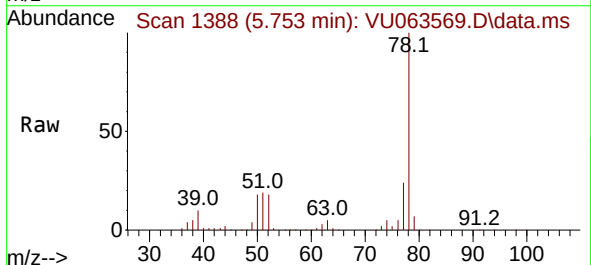
Manual Integrations
APPROVED

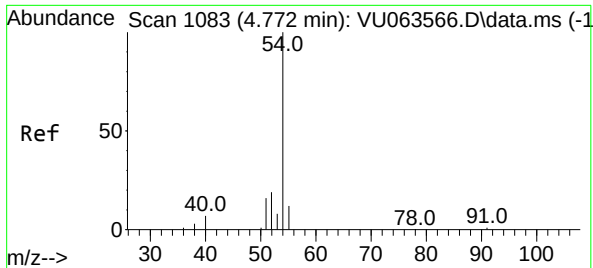
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#33
Tert-Amyl methyl ether
Concen: 0.299 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.186 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

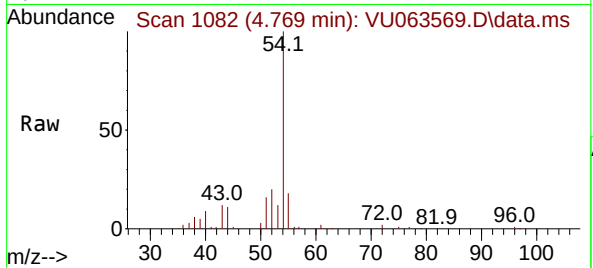
Tgt Ion: 73 Resp: 7983
Ion Ratio Lower Upper
73 100
87 191.3 19.0 28.6#
71 0.0 9.4 14.2#





#34
 Propionitrile
 Concen: 90.865 ug/l
 RT: 4.769 min Scan# 1082
 Delta R.T. -0.003 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

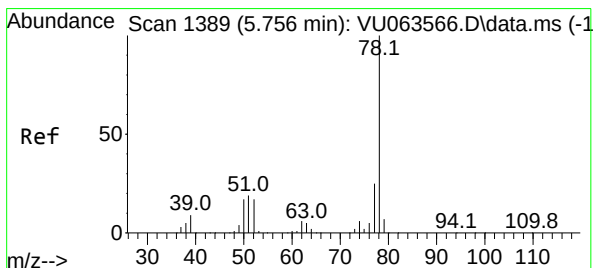
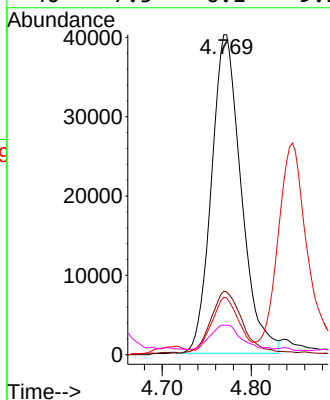
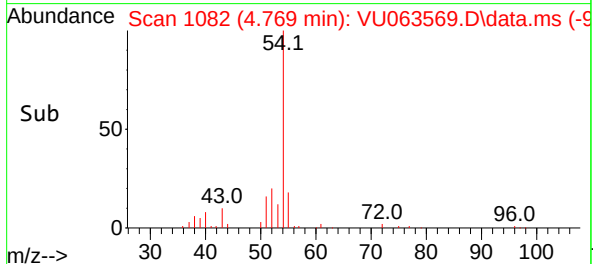
Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU091225



Tgt Ion: 54 Resp: 93107
 Ion Ratio Lower Upper
 54 100
 52 20.8 15.2 22.8
 55 15.9 11.7 17.5
 40 7.5 6.1 9.1

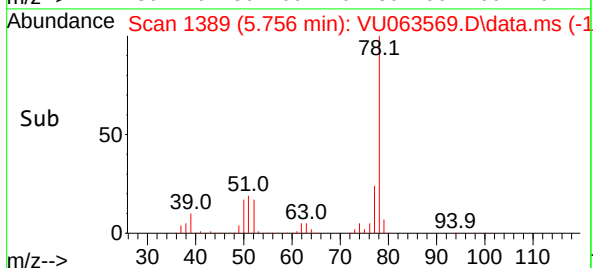
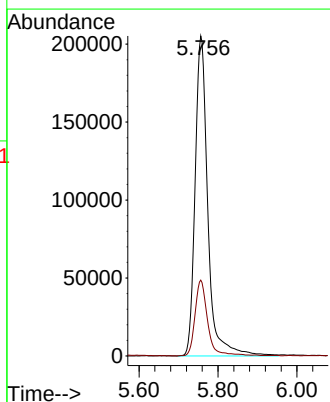
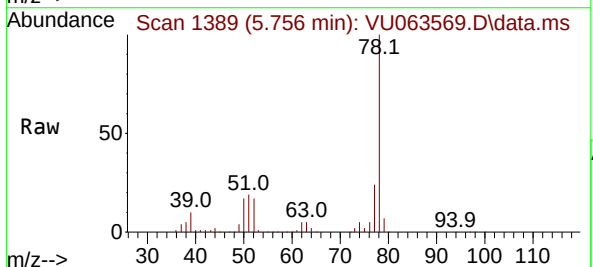
Manual Integrations
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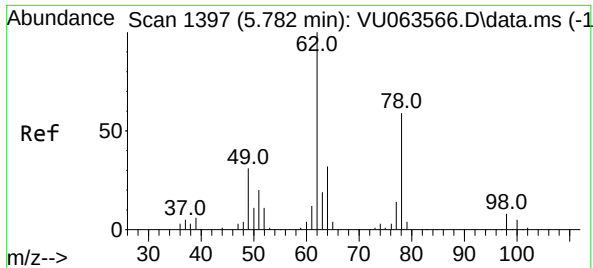
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025



#35
 Benzene
 Concen: 10.153 ug/l
 RT: 5.756 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

Tgt Ion: 78 Resp: 457671
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.8 29.8





#36

1,2-Dichloroethane

Concen: 8.922 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion: 62 Resp: 135699

Ion Ratio Lower Upper

62 100

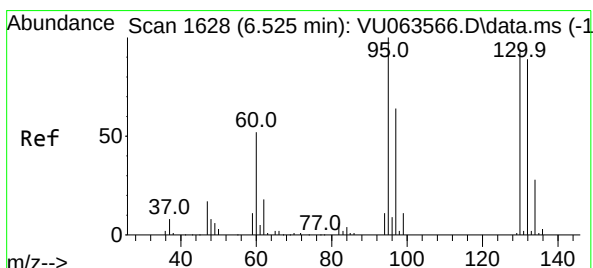
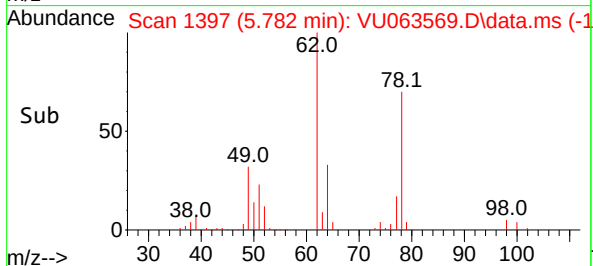
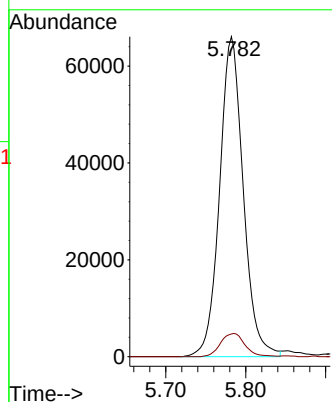
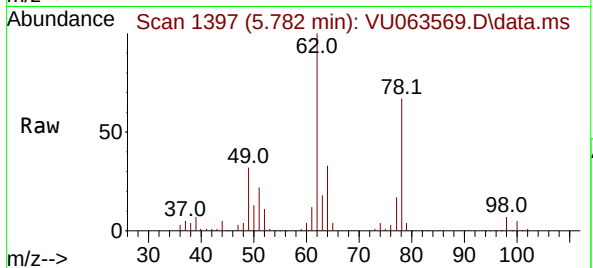
98 7.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#37

Trichloroethene

Concen: 9.415 ug/l

RT: 6.528 min Scan# 1629

Delta R.T. 0.003 min

Lab File: VU063569.D

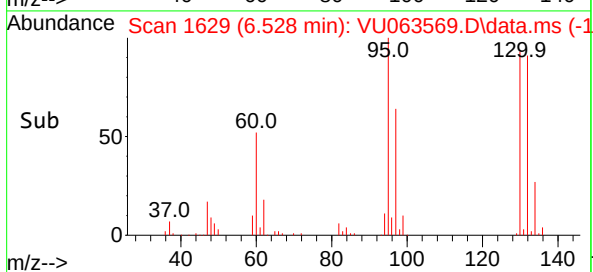
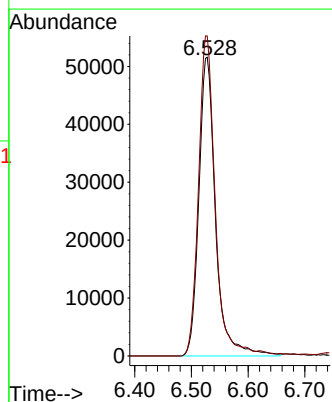
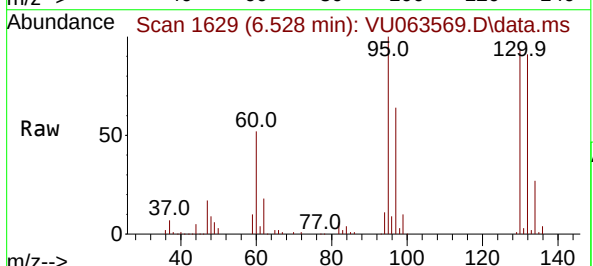
Acq: 12 Sep 2025 15:44

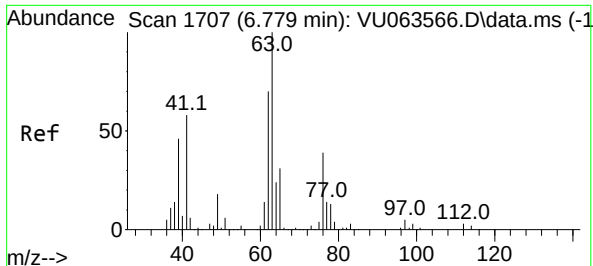
Tgt Ion:130 Resp: 105639

Ion Ratio Lower Upper

130 100

95 107.1 85.4 128.2





#38

1,2-Dichloropropane

Concen: 9.652 ug/l

RT: 6.779 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion: 63 Resp: 115264

Ion Ratio Lower Upper

63 100

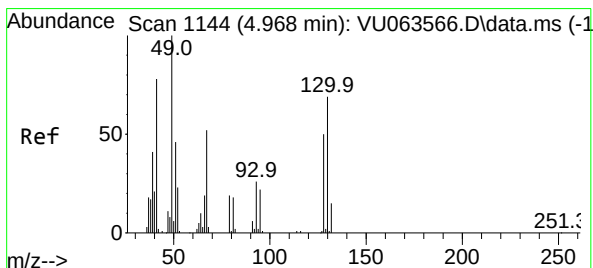
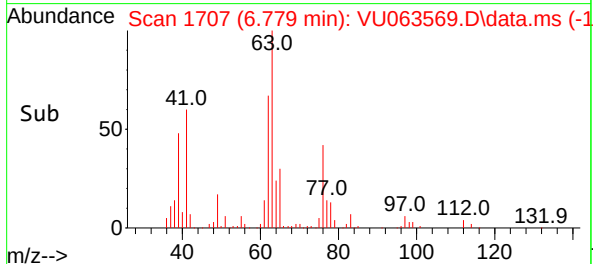
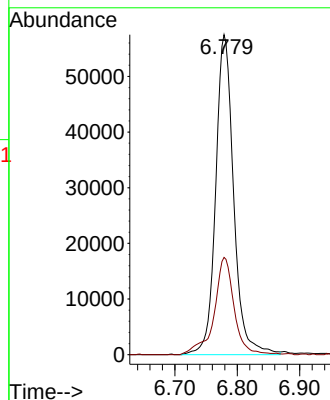
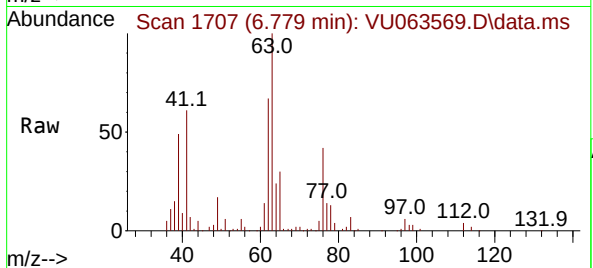
65 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#39

Methacrylonitrile

Concen: 8.465 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Tgt Ion: 41 Resp: 40944

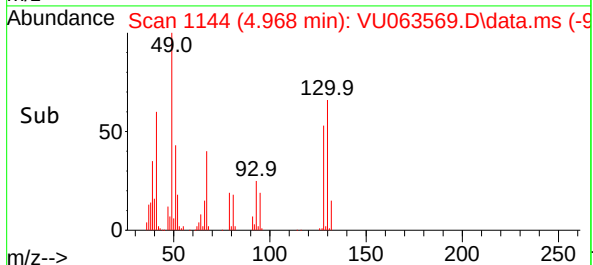
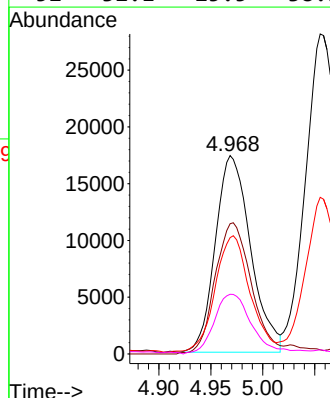
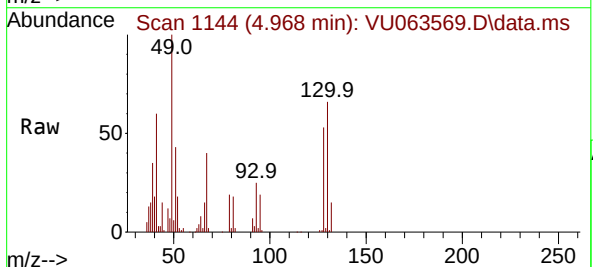
Ion Ratio Lower Upper

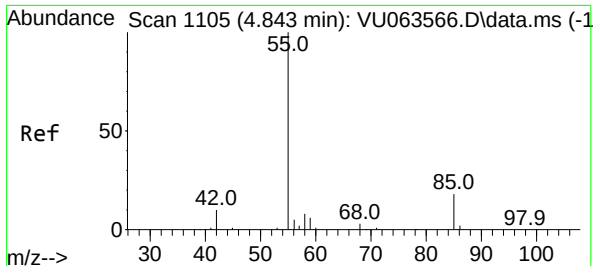
41 100

67 68.5 57.7 86.5

39 58.4 44.6 67.0

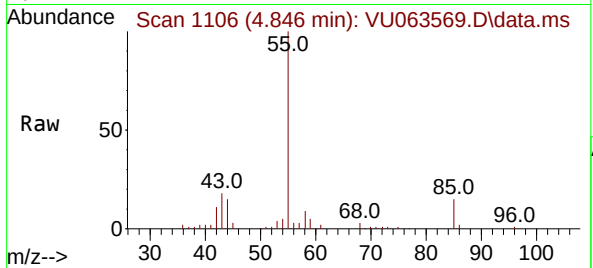
52 32.1 25.5 38.3





#40
Methyl acrylate
Concen: 9.315 ug/l
RT: 4.846 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

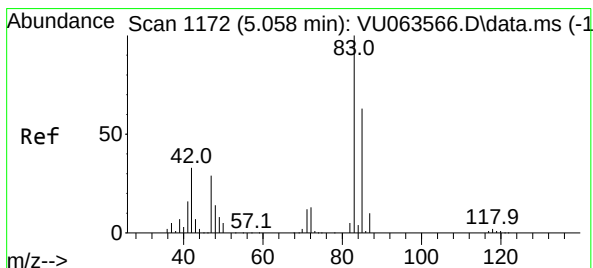
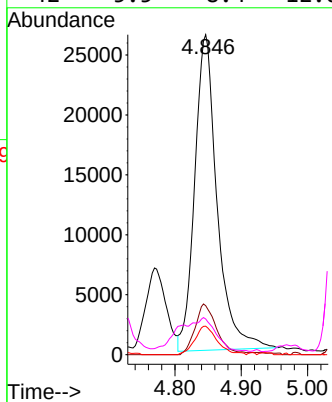
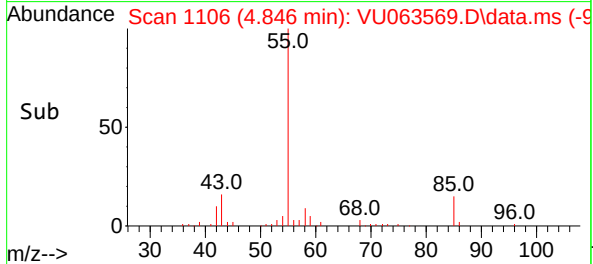
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 55 Resp: 61760
Ion Ratio Lower Upper
55 100
85 15.6 12.8 19.2
58 9.0 6.6 10.0
42 5.5 8.4 12.6#

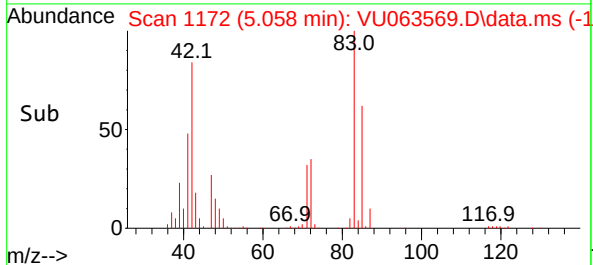
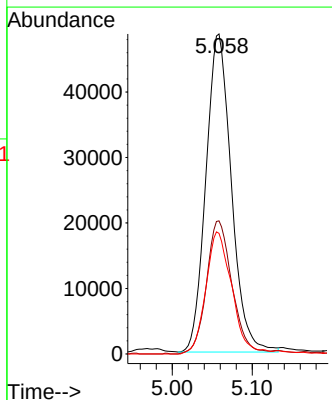
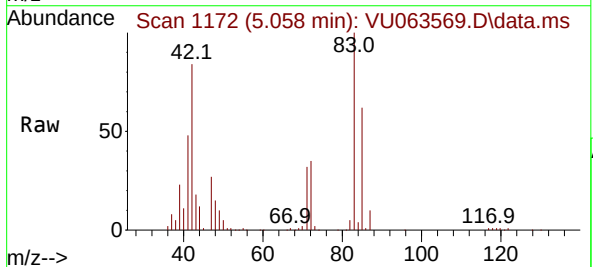
Manual Integrations
APPROVED

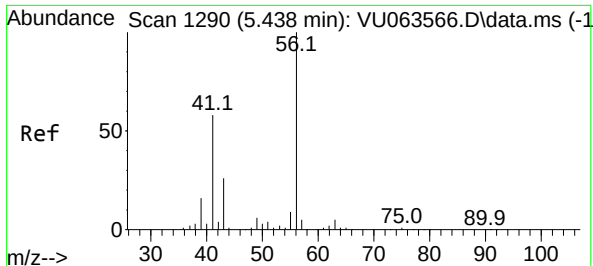
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#41
Tetrahydrofuran
Concen: 42.666 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

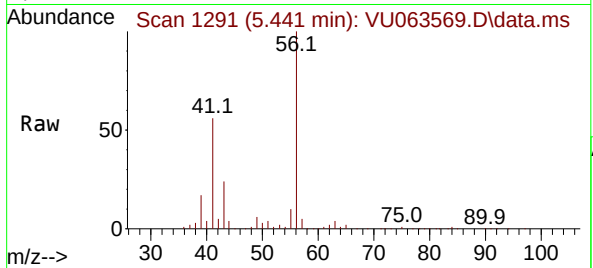
Tgt Ion: 42 Resp: 107581
Ion Ratio Lower Upper
42 100
72 41.9 34.1 51.1
71 39.0 29.9 44.9





#42
1-Chlorobutane
Concen: 10.485 ug/l
RT: 5.441 min Scan# 1290
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

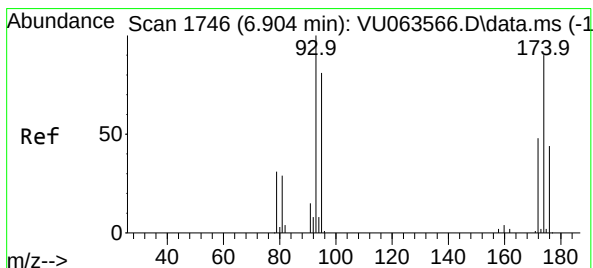
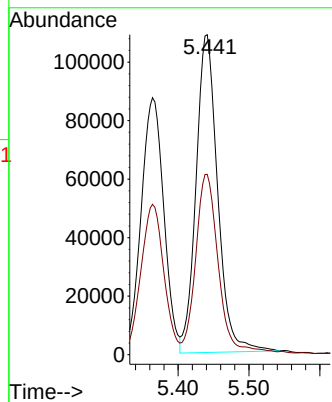
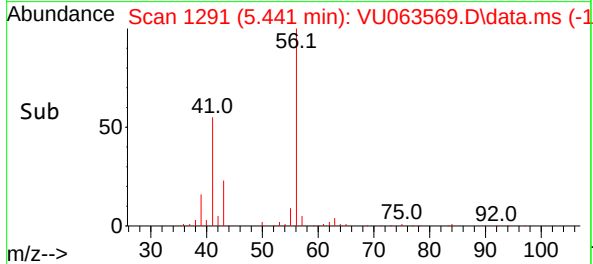
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 56 Resp: 23016
Ion Ratio Lower Upper
56 100
41 57.8 28.3 84.9

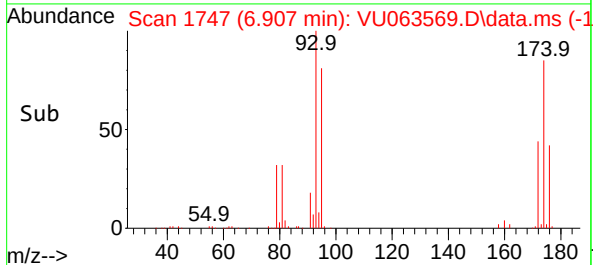
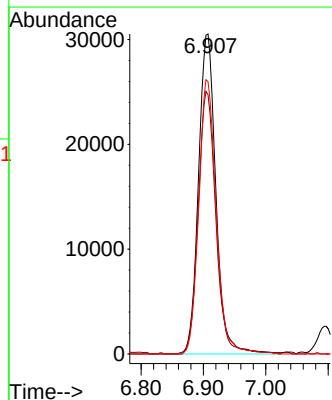
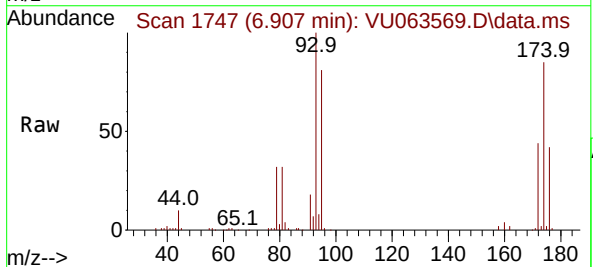
Manual Integrations
APPROVED

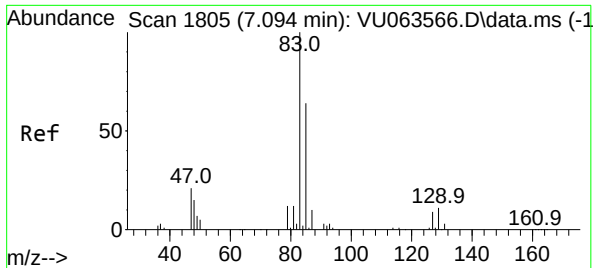
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#43
Dibromomethane
Concen: 10.290 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 93 Resp: 58922
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 86.6 72.7 109.1





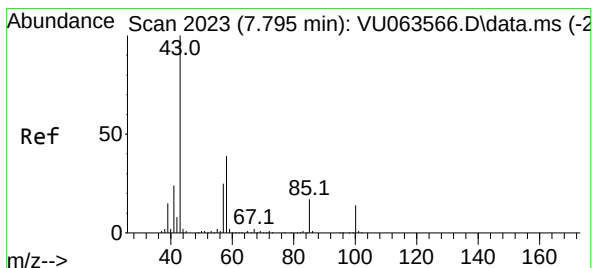
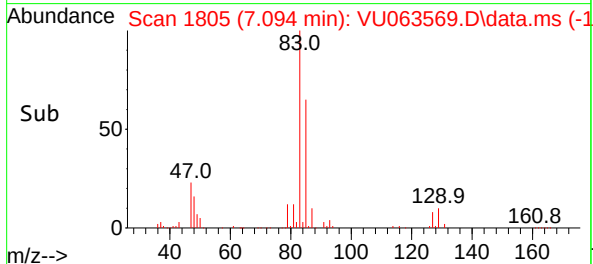
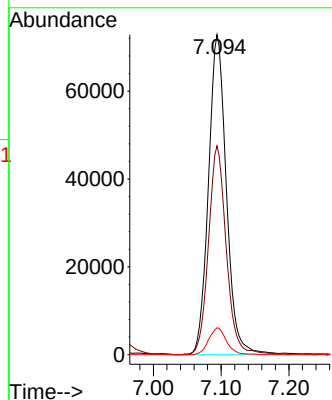
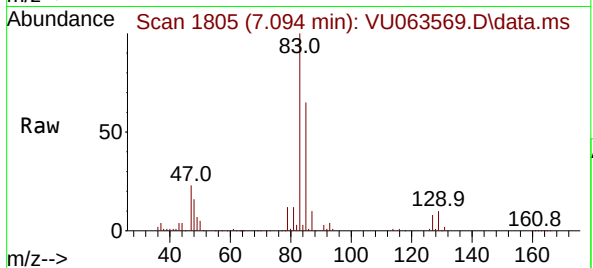
#44
Bromodichloromethane
Concen: 10.948 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion: 83 Resp: 133935
Ion Ratio Lower Upper
83 100
85 65.2 51.2 76.8
127 8.4 6.9 10.3

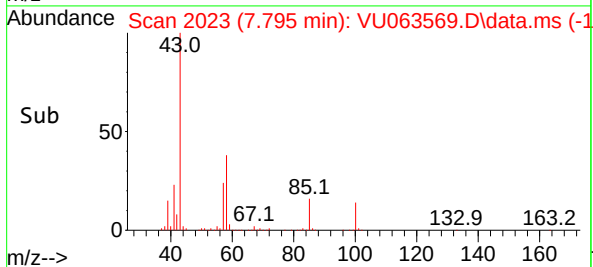
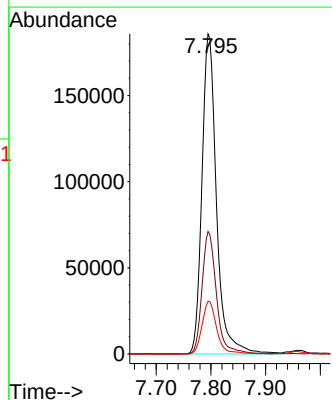
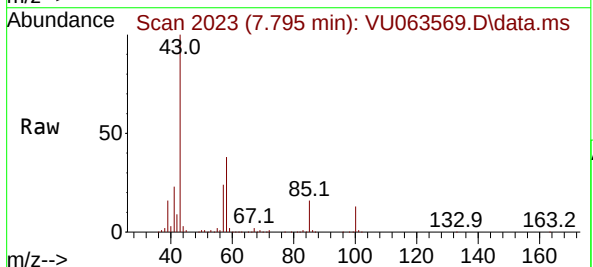
Manual Integrations
APPROVED

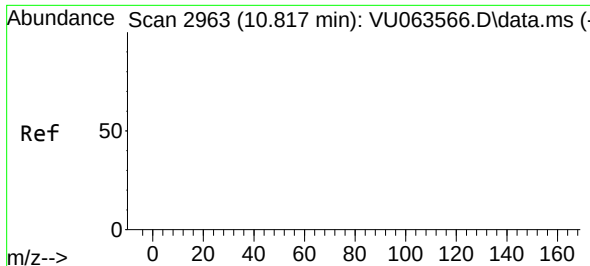
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#45
4-Methyl-2-Pentanone
Concen: 47.755 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

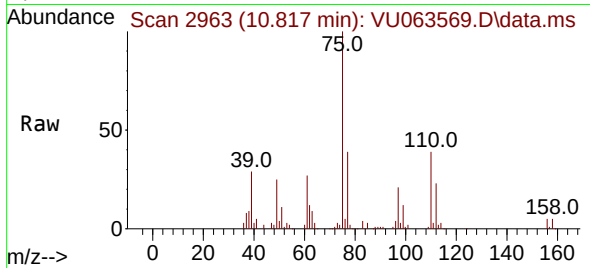
Tgt Ion: 43 Resp: 342447
Ion Ratio Lower Upper
43 100
58 37.9 18.9 56.9
85 16.6 13.3 19.9





#46
t-1,4-Dichloro-2-butene
Concen: 13.651 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

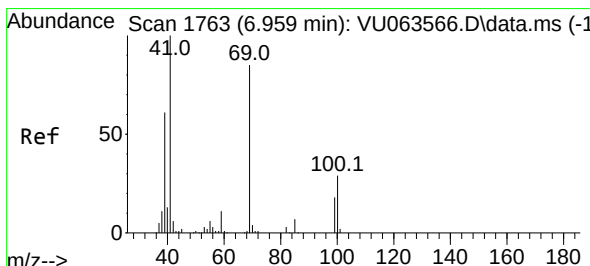
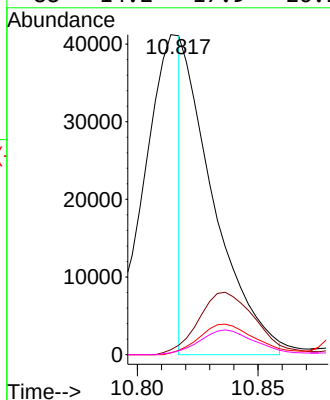
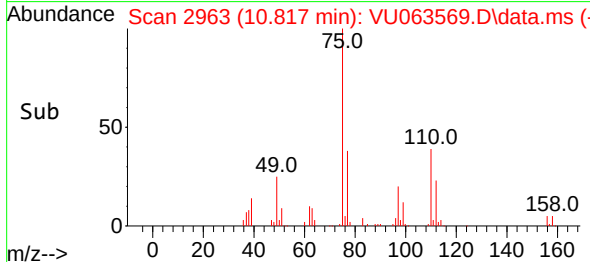
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 75 Resp: 36628
Ion Ratio Lower Upper
75 100
53 36.5 43.2 64.8
89 17.7 21.9 32.9
88 14.2 17.9 26.9

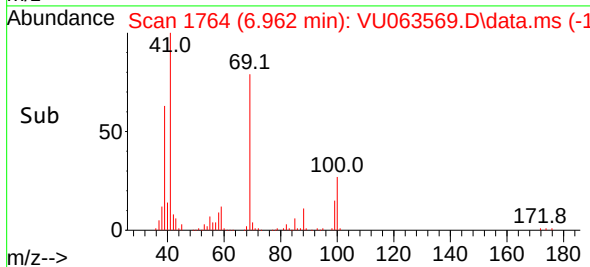
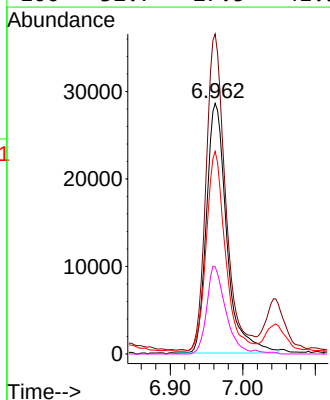
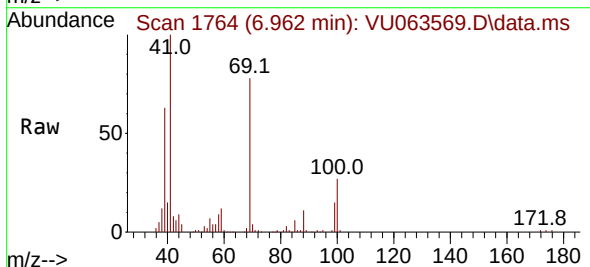
Manual Integrations
APPROVED

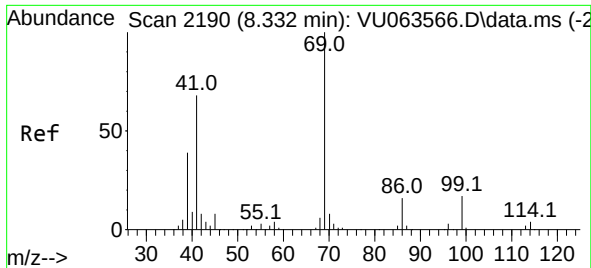
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#47
Methyl methacrylate
Concen: 10.804 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

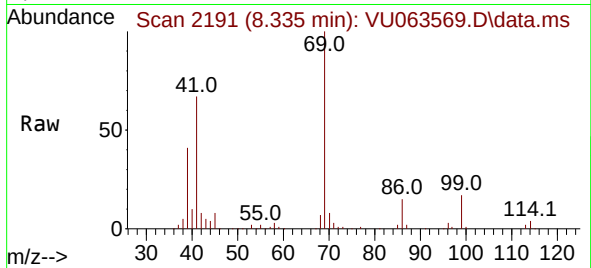
Tgt Ion: 69 Resp: 55341
Ion Ratio Lower Upper
69 100
41 120.8 0.0 236.8
39 75.8 57.8 86.6
100 32.7 27.5 41.3





#48
Ethyl methacrylate
Concen: 9.936 ug/l
RT: 8.335 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

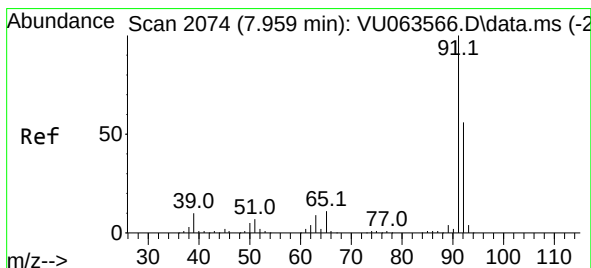
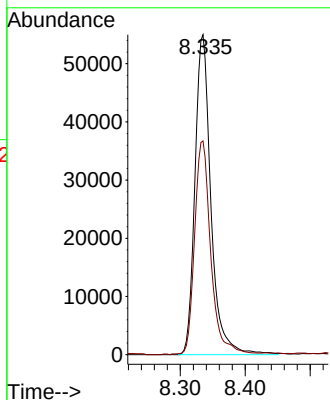
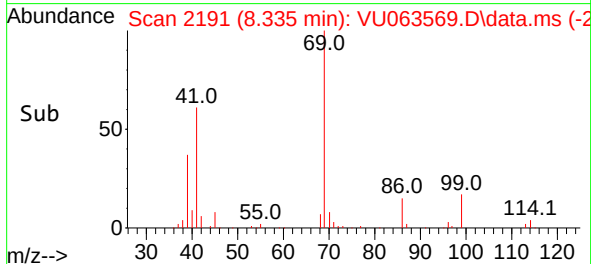
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 69 Resp: 9439
Ion Ratio Lower Upper
69 100
41 67.8 33.7 101.1

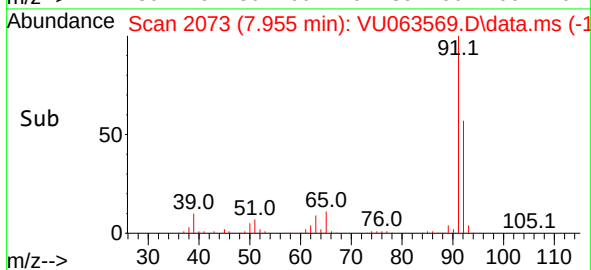
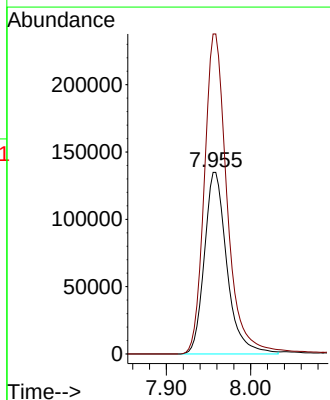
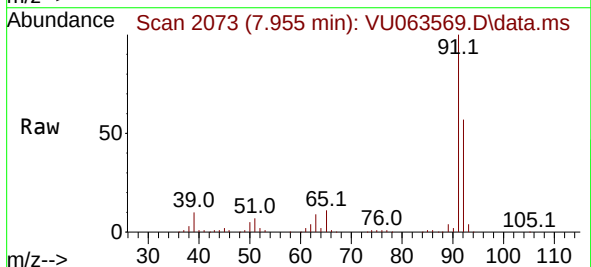
Manual Integrations
APPROVED

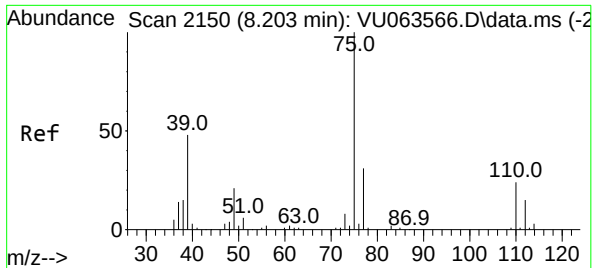
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#49
Toluene
Concen: 10.278 ug/l
RT: 7.955 min Scan# 2073
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 92 Resp: 251443
Ion Ratio Lower Upper
92 100
91 179.1 139.4 209.2





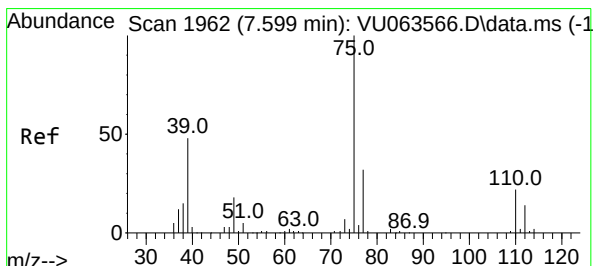
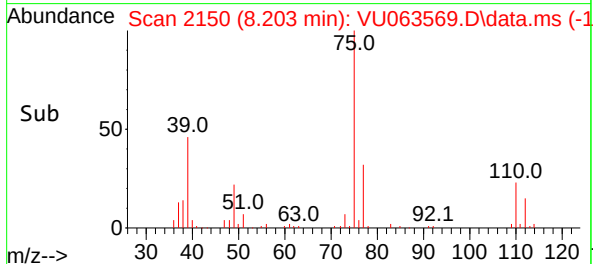
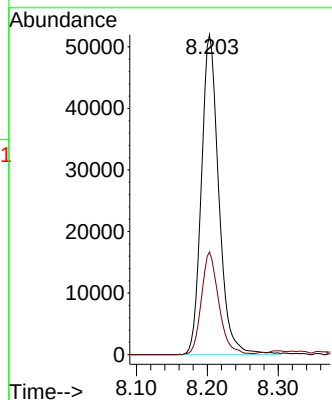
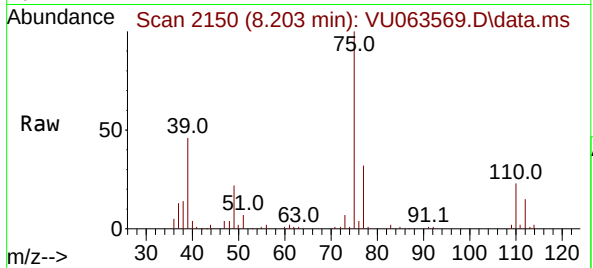
#50
t-1,3-Dichloropropene
Concen: 9.684 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument : MSVOA_U
ClientSampleId : ICVVU091225

Tgt Ion: 75 Resp: 88740
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2

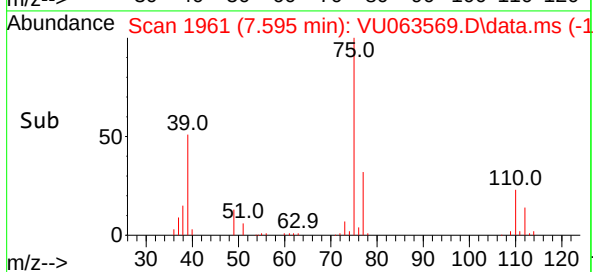
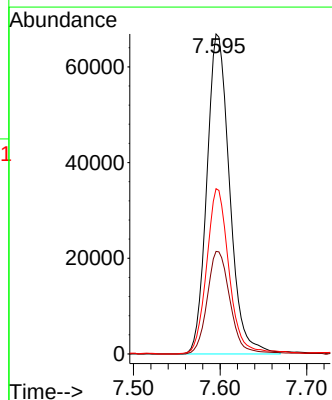
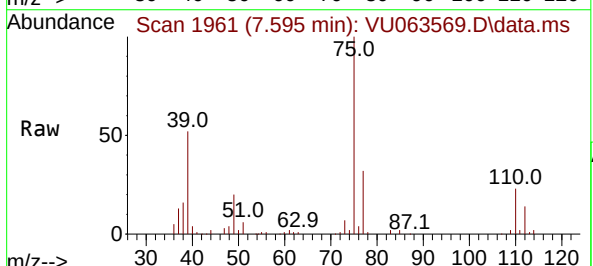
Manual Integrations
APPROVED

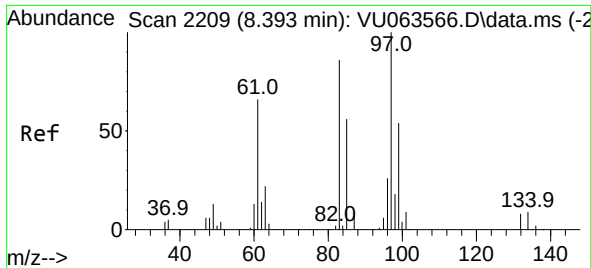
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#51
cis-1,3-Dichloropropene
Concen: 10.017 ug/l
RT: 7.595 min Scan# 1961
Delta R.T. -0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 75 Resp: 122118
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 51.5 38.8 58.2





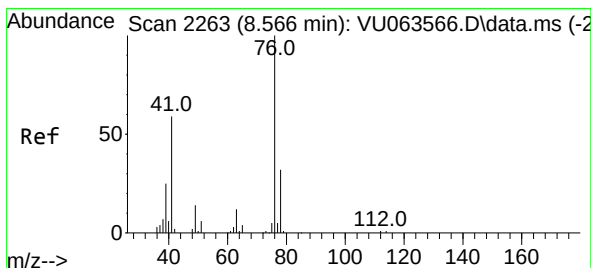
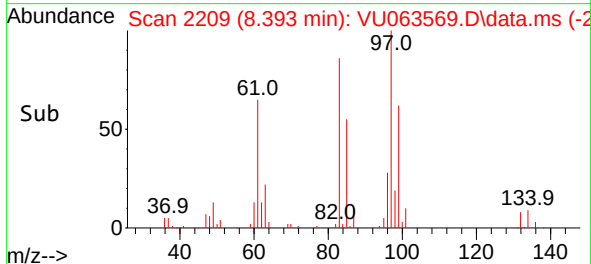
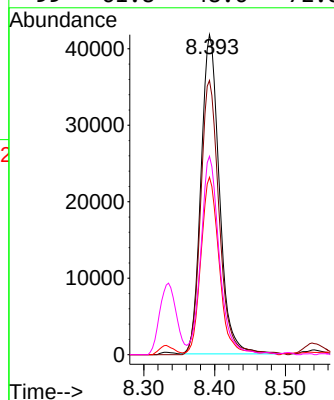
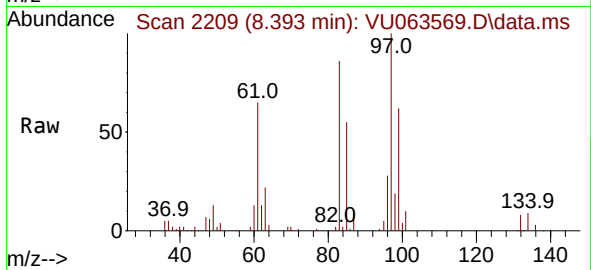
#52
1,1,2-Trichloroethane
Concen: 9.270 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument : MSVOA_U
ClientSampleId : ICVVU091225

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.5	102.7
85	55.6	45.0	67.6
99	61.8	48.6	72.8

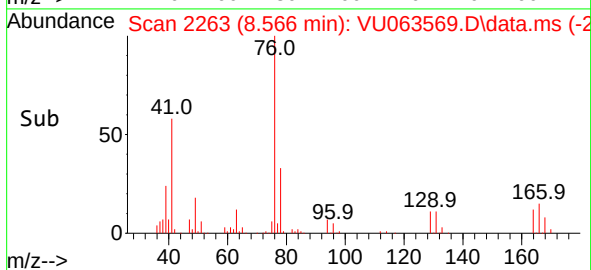
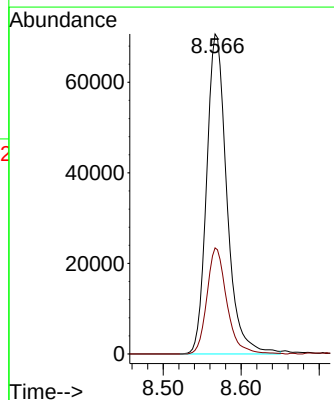
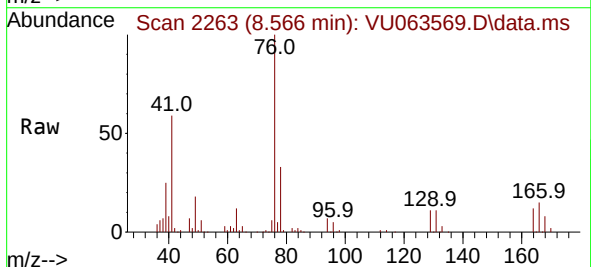
Manual Integrations
APPROVED

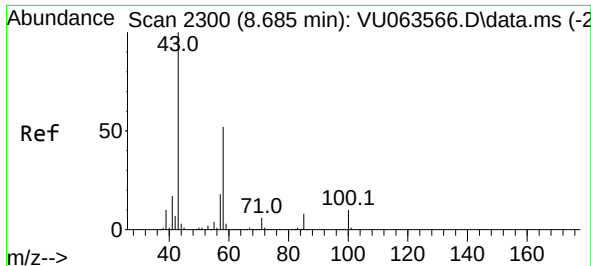
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#53
1,3-Dichloropropane
Concen: 9.044 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

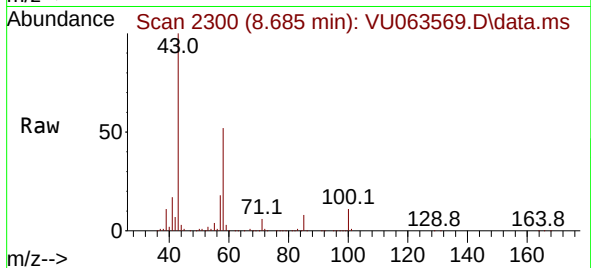
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2





#54
2-Hexanone
Concen: 47.779 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

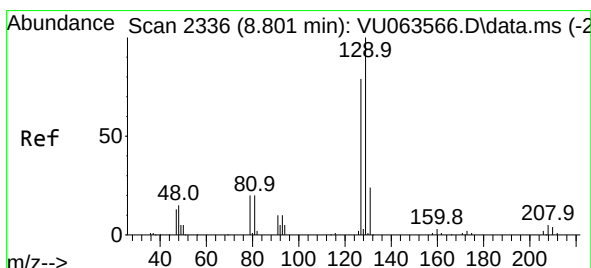
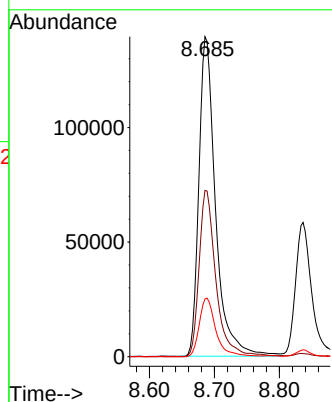
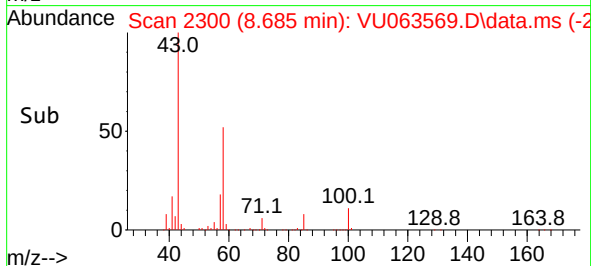
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 43 Resp: 250372
Ion Ratio Lower Upper
43 100
58 52.3 32.7 72.7
57 18.2 0.0 38.2

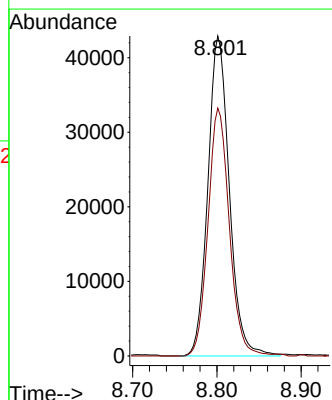
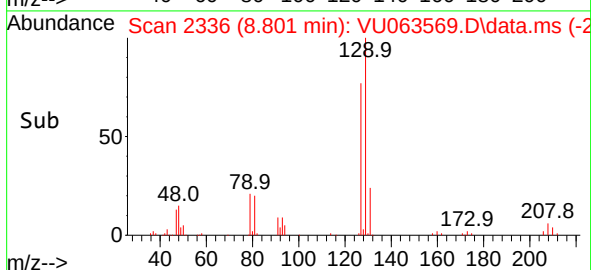
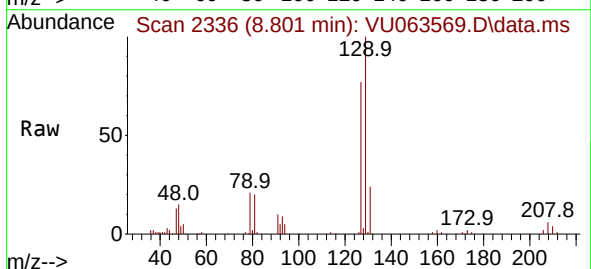
Manual Integrations
APPROVED

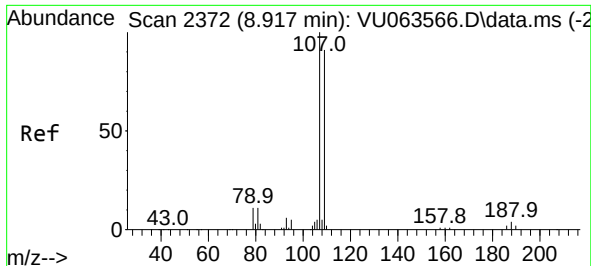
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#55
Dibromochloromethane
Concen: 9.678 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion:129 Resp: 76020
Ion Ratio Lower Upper
129 100
127 76.8 61.9 92.9





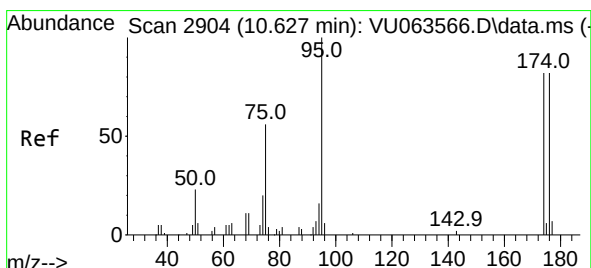
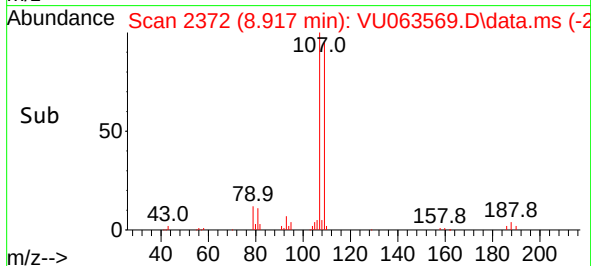
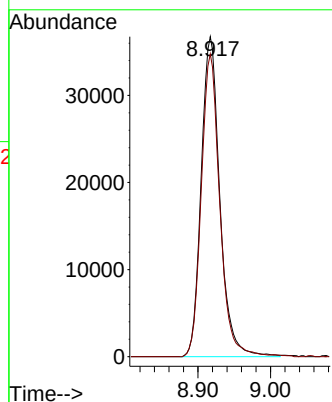
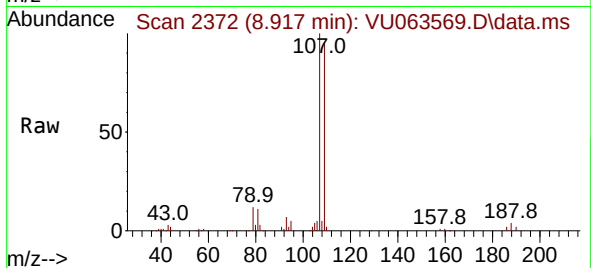
#56
1,2-Dibromoethane
Concen: 9.395 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion:107 Resp: 65689
Ion Ratio Lower Upper
107 100
109 93.6 0.0 183.6

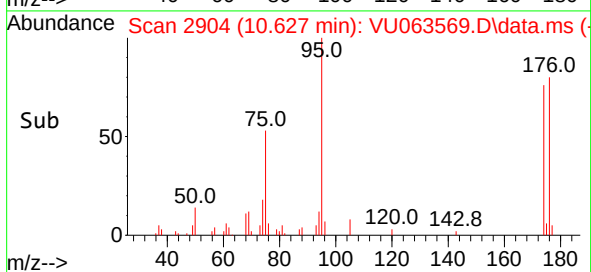
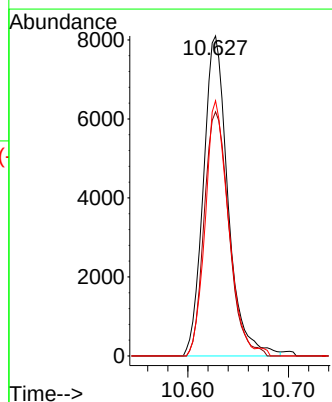
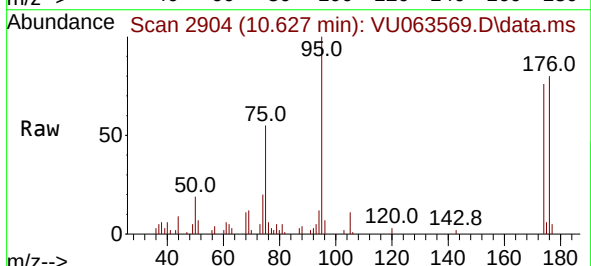
Manual Integrations
APPROVED

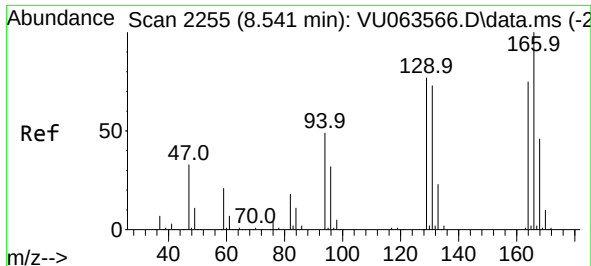
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#57
4-Bromofluorobenzene
Concen: 1.074 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 95 Resp: 13777
Ion Ratio Lower Upper
95 100
174 76.7 64.7 97.1
176 75.8 66.2 99.4





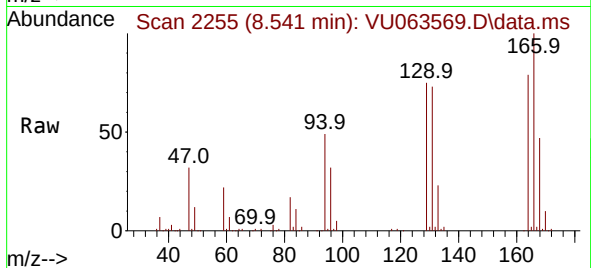
#58
Tetrachloroethene
Concen: 10.190 ug/l
RT: 8.541 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

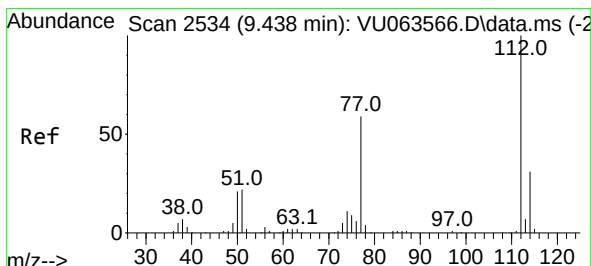
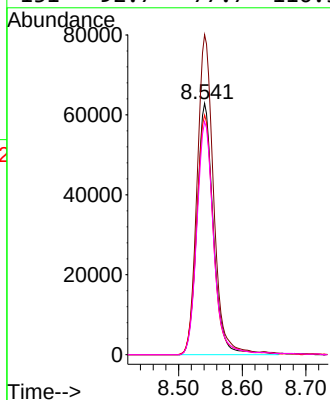
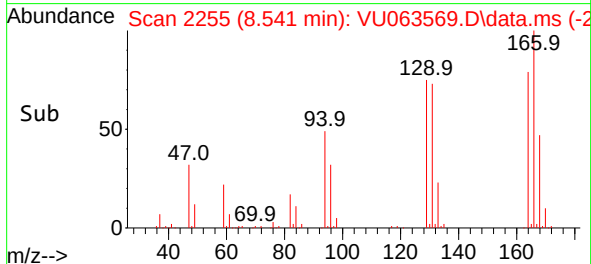


Tgt Ion:164 Resp: 11259
Ion Ratio Lower Upper
164 100
166 127.3 106.4 159.6
129 95.4 81.4 122.2
131 92.7 77.7 116.5

Manual Integrations

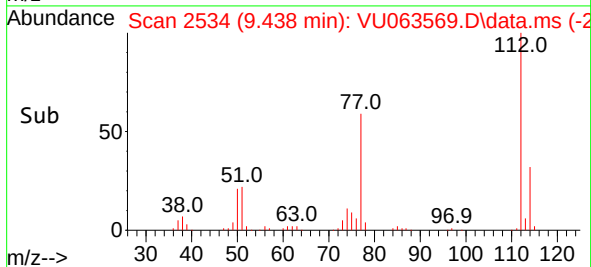
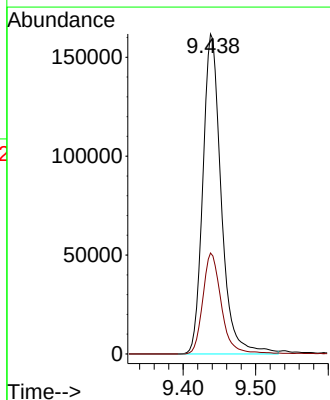
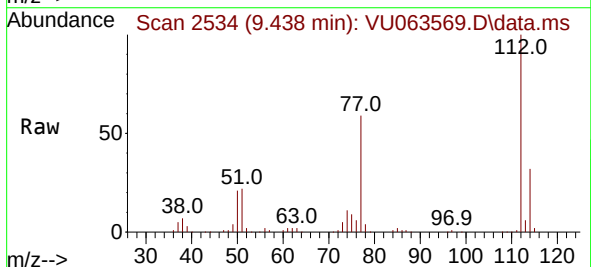
APPROVED

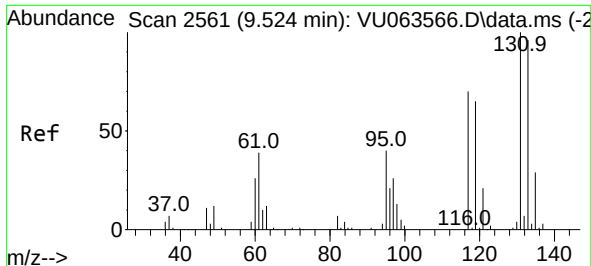
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#59
Chlorobenzene
Concen: 10.111 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

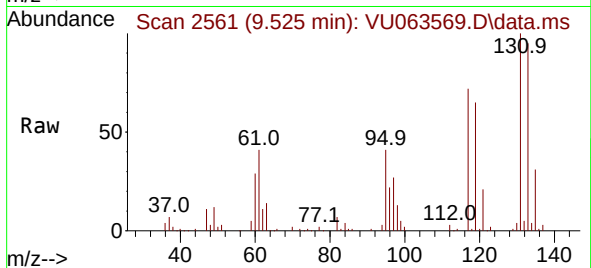
Tgt Ion:112 Resp: 285016
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4





#60
1,1,1,2-Tetrachloroethane
Concen: 9.285 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

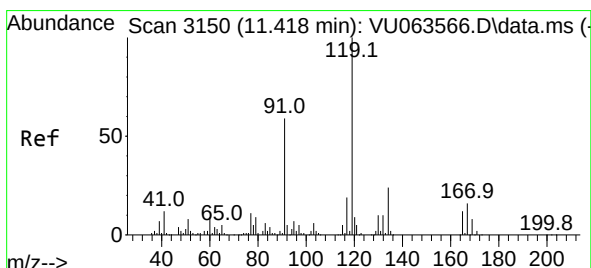
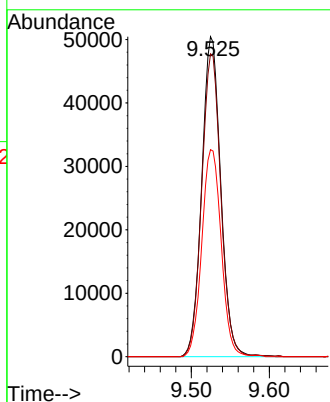
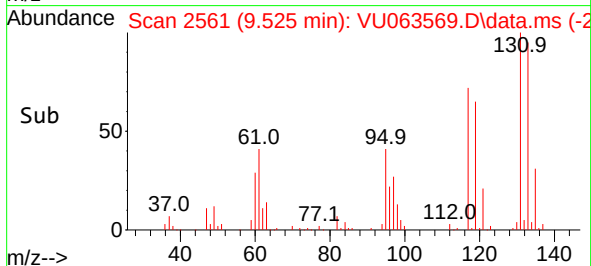
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion:131 Resp: 85494
Ion Ratio Lower Upper
131 100
133 95.4 75.8 113.8
119 65.9 51.8 77.6

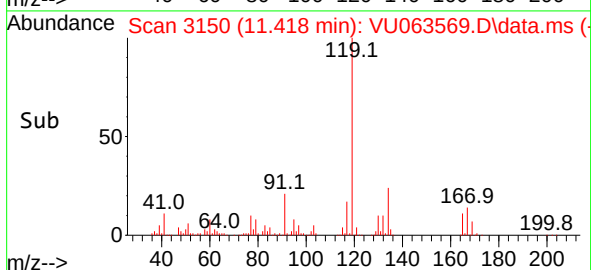
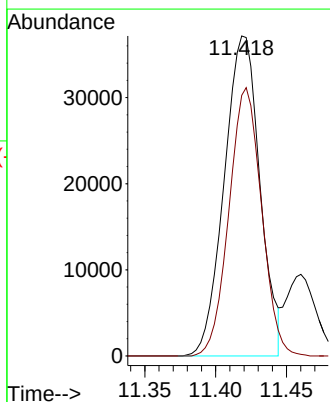
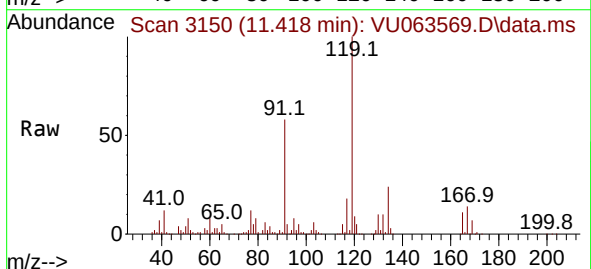
Manual Integrations
APPROVED

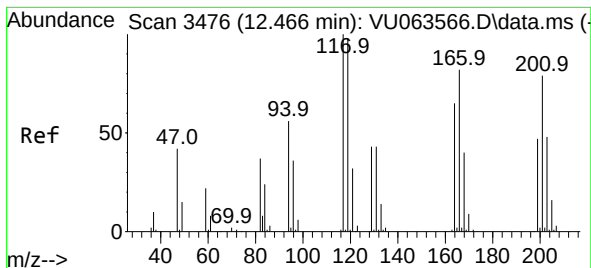
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#61
Pentachloroethane
Concen: 9.862 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion:117 Resp: 65086
Ion Ratio Lower Upper
117 100
167 76.6 62.6 93.8





#62

Hexachloroethane

Concen: 10.075 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion:117 Resp: 5783

Ion Ratio Lower Upper

117 100

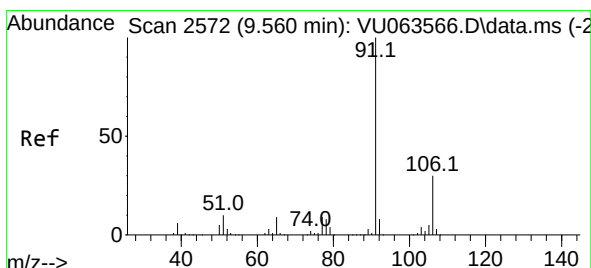
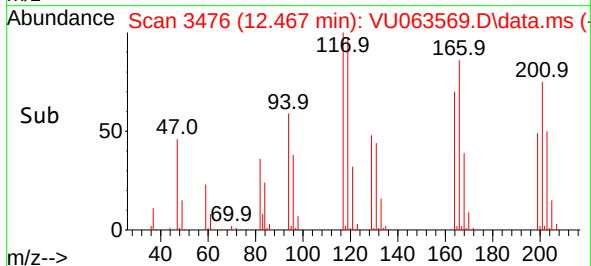
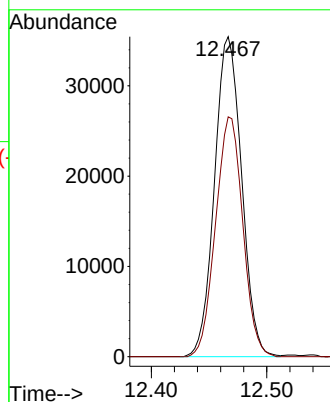
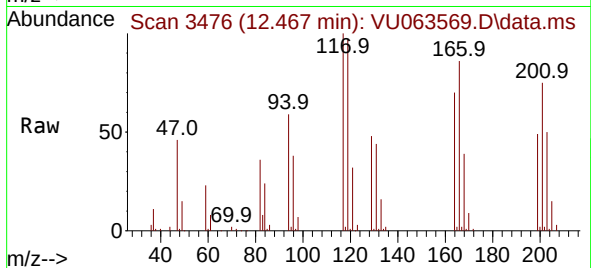
201 75.1 61.0 91.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#63

Ethyl Benzene

Concen: 10.394 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063569.D

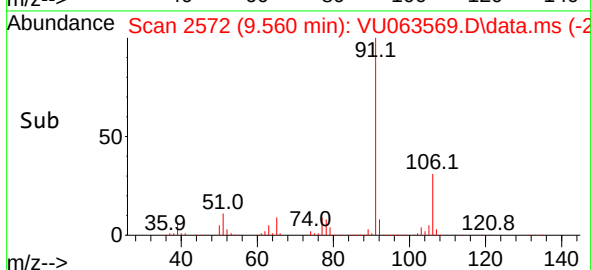
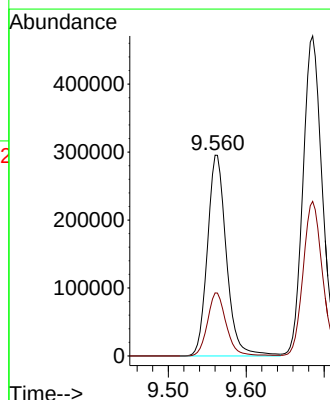
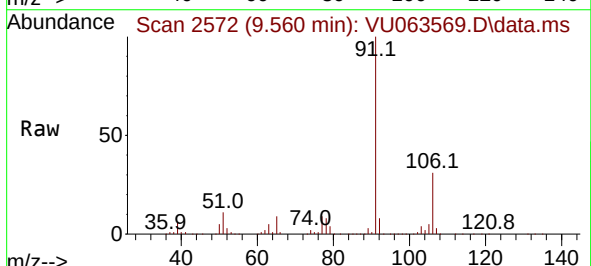
Acq: 12 Sep 2025 15:44

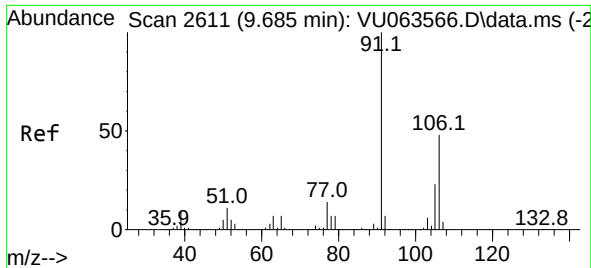
Tgt Ion: 91 Resp: 500285

Ion Ratio Lower Upper

91 100

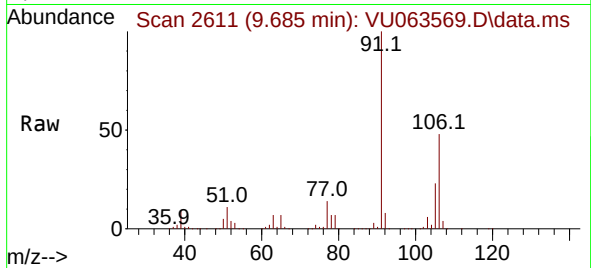
106 31.4 23.8 35.8





#64
m/p-Xylenes
Concen: 21.295 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

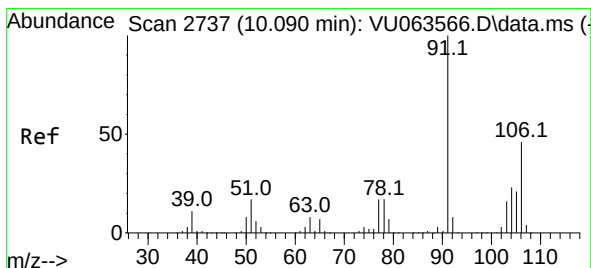
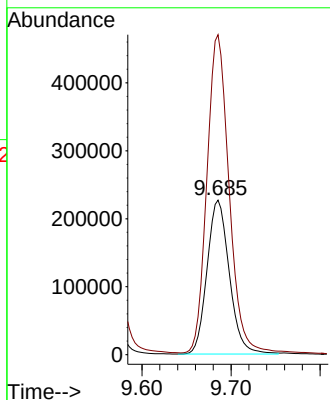
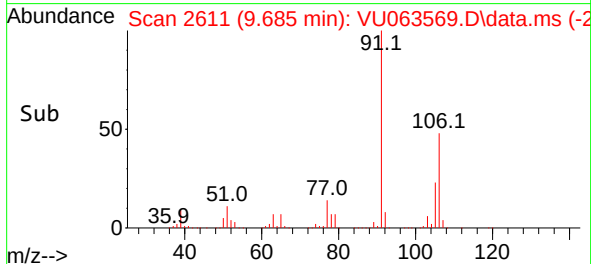
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion:106 Resp: 39387
Ion Ratio Lower Upper
106 100
91 208.6 167.0 250.4

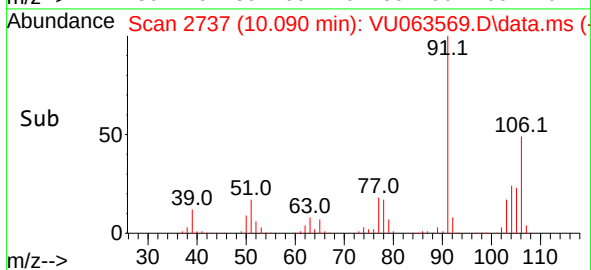
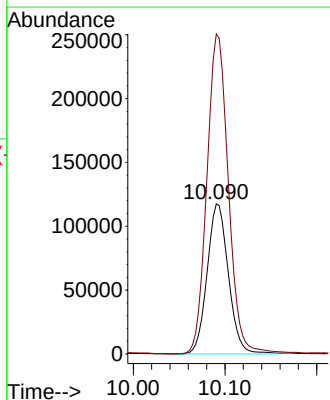
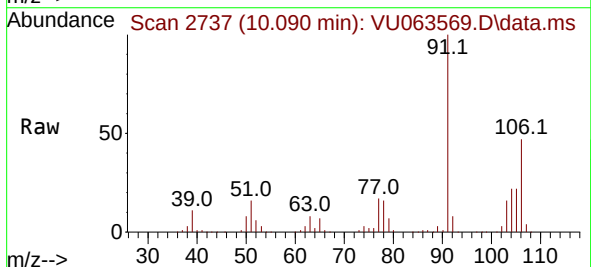
Manual Integrations
APPROVED

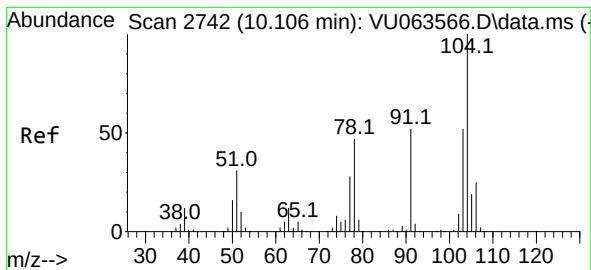
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#65
o-Xylene
Concen: 10.237 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion:106 Resp: 189528
Ion Ratio Lower Upper
106 100
91 215.9 108.7 326.1





#66

Styrene

Concen: 10.565 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

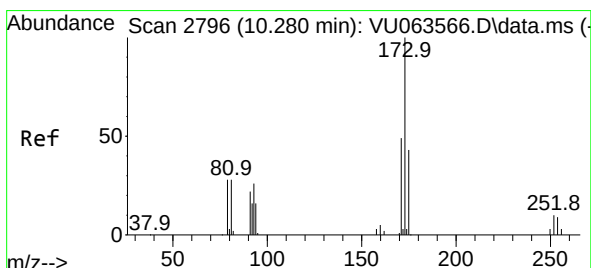
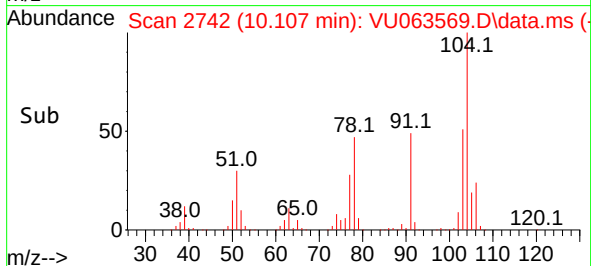
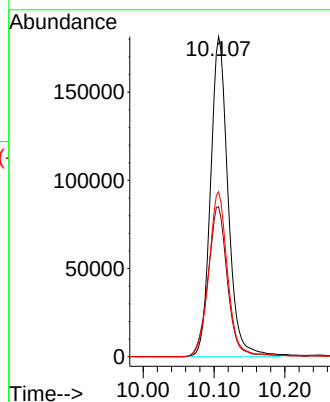
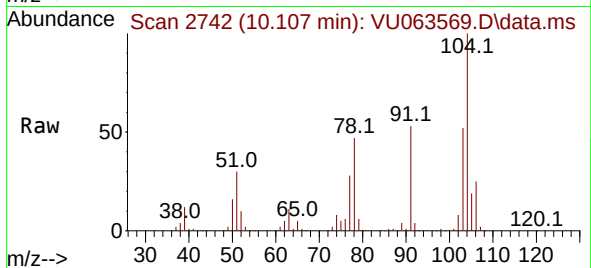
Tgt Ion:104 Resp: 31223

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.2	61.8
103	54.9	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#67

Bromoform

Concen: 9.962 ug/l

RT: 10.283 min Scan# 2797

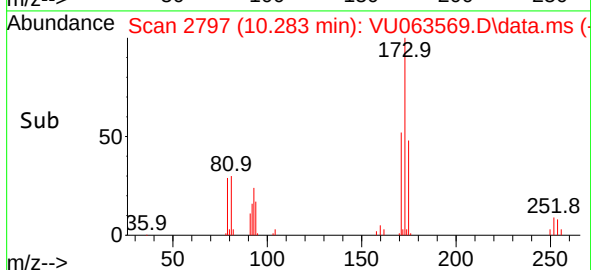
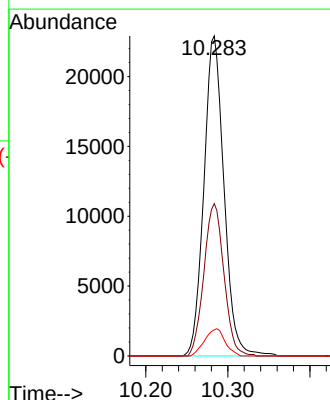
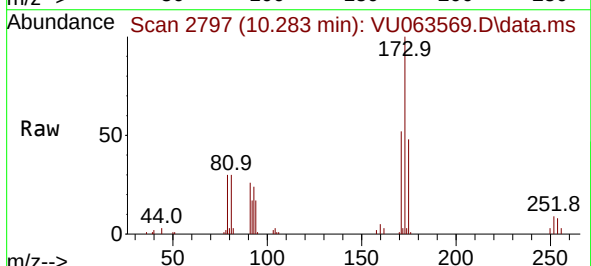
Delta R.T. 0.003 min

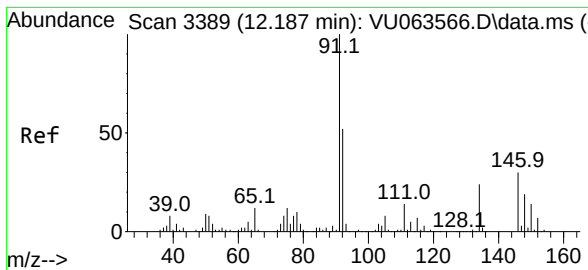
Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Tgt Ion:173 Resp: 38976

Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.0	55.6
254	8.6	7.1	10.7





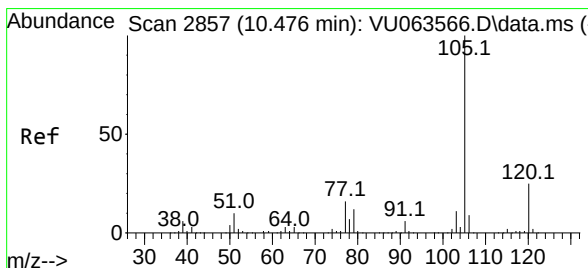
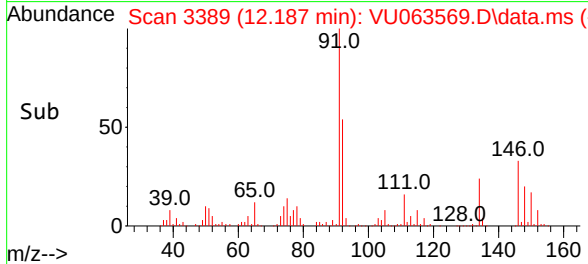
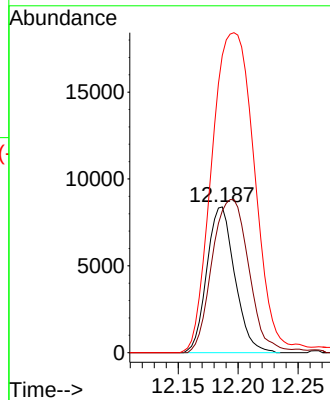
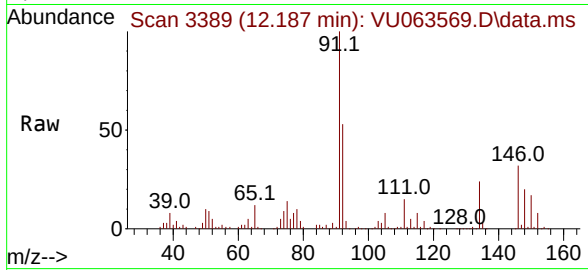
#68
1,2-Dichlorobenzene-d4
Concen: 1.041 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225

Tgt Ion:152 Resp: 13614
Ion Ratio Lower Upper
152 100
115 138.7 0.0 260.6
150 336.6 0.0 661.8

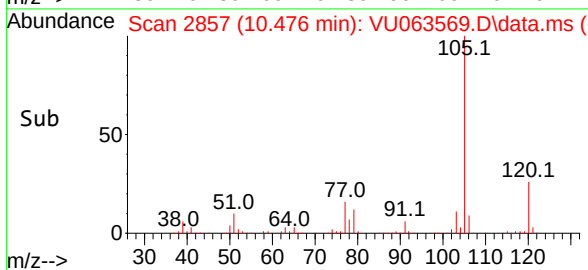
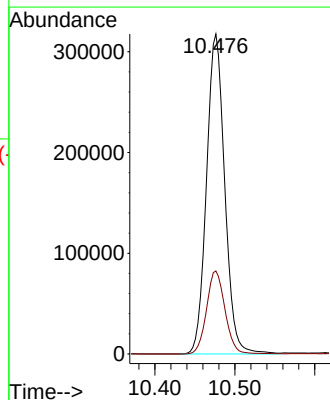
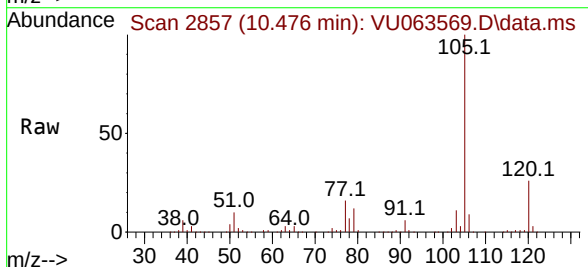
Manual Integrations
APPROVED

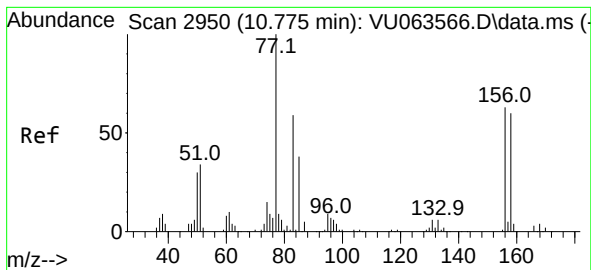
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#69
Isopropylbenzene
Concen: 11.215 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

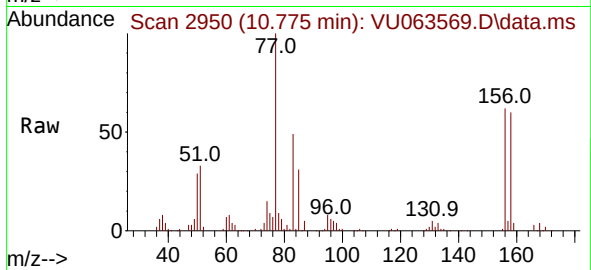
Tgt Ion:105 Resp: 504012
Ion Ratio Lower Upper
105 100
120 26.3 12.7 38.0





#70
1,1,2,2-Tetrachloroethane
Concen: 8.893 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

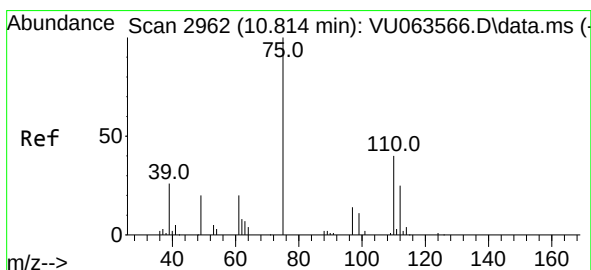
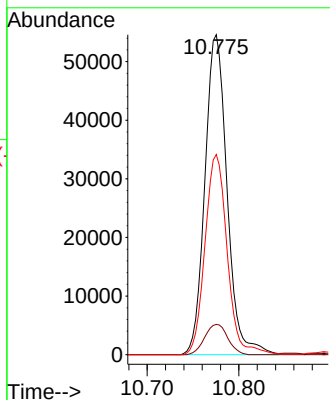
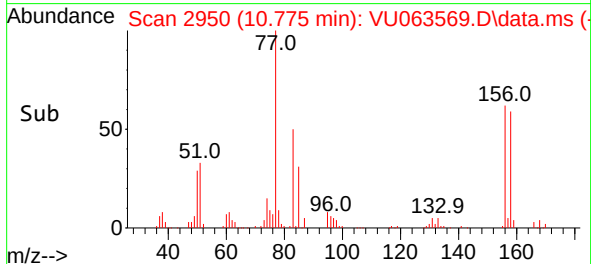
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



Tgt Ion: 83 Resp: 91780
Ion Ratio Lower Upper
83 100
131 9.8 7.7 11.5
85 62.8 52.2 78.4

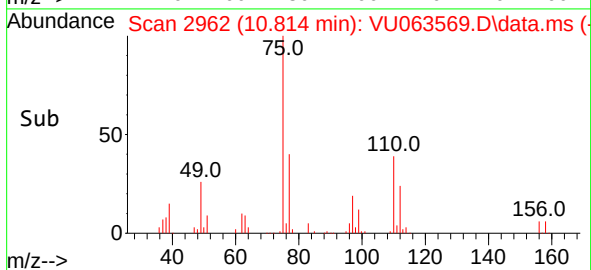
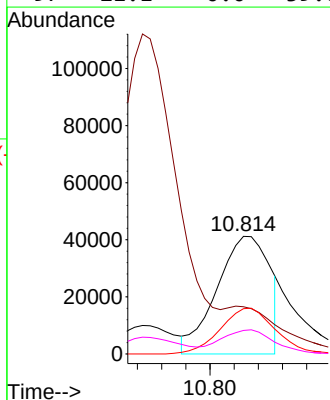
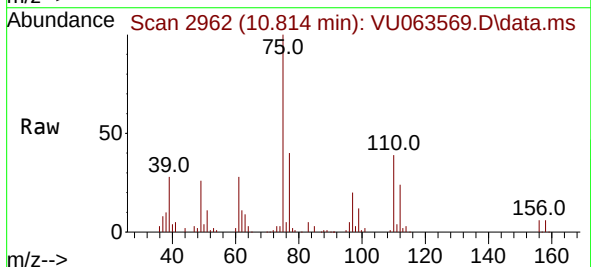
Manual Integrations
APPROVED

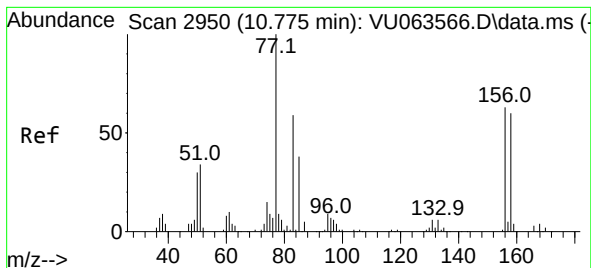
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#71
1,2,3-Trichloropropane
Concen: 8.165 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

Tgt Ion: 75 Resp: 62470
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 40.8 0.0 77.6
97 21.1 0.0 39.6





#72

Bromobenzene

Concen: 10.179 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

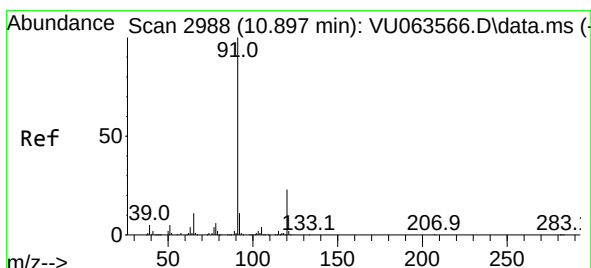
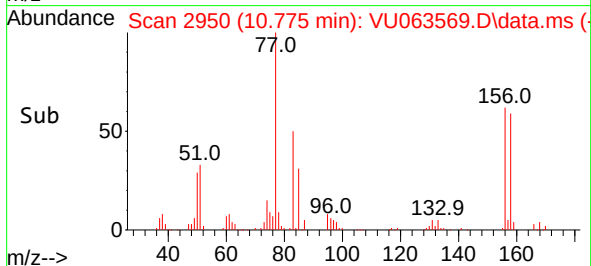
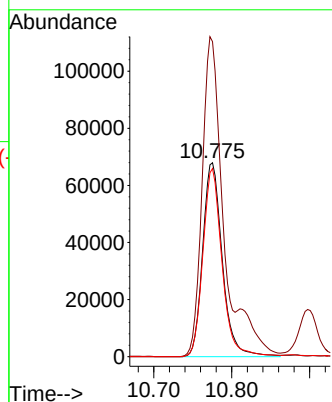
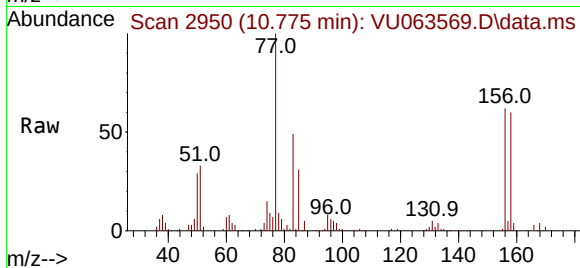
ICVVU091225

Tgt Ion:	156	Resp:	11868
Ion Ratio	Lower	Upper	
156	100		
77	160.0	0.0	323.0
158	94.9	0.0	195.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#73

n-propylbenzene

Concen: 10.455 ug/l

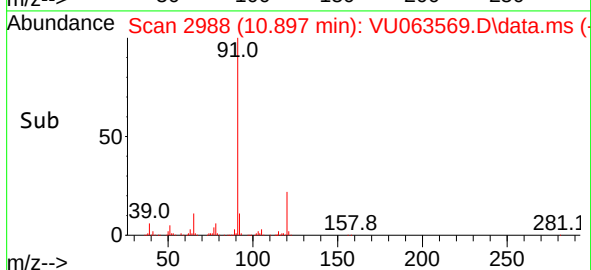
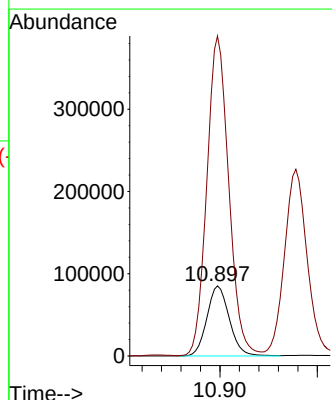
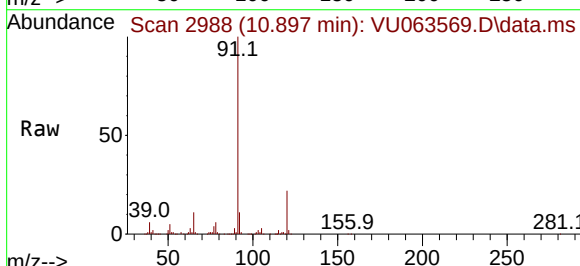
RT: 10.897 min Scan# 2988

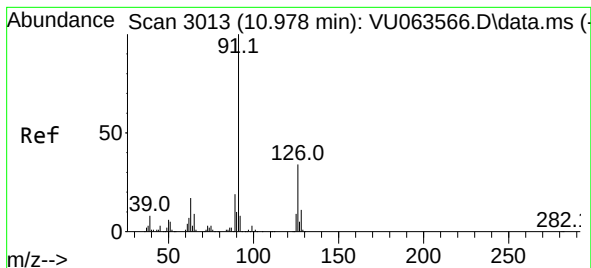
Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Tgt Ion:	120	Resp:	135821
Ion Ratio	Lower	Upper	
120	100		
91	446.4	349.1	523.7





#74

2-Chlorotoluene

Concen: 10.386 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion:126 Resp: 12199

Ion Ratio Lower Upper

126 100

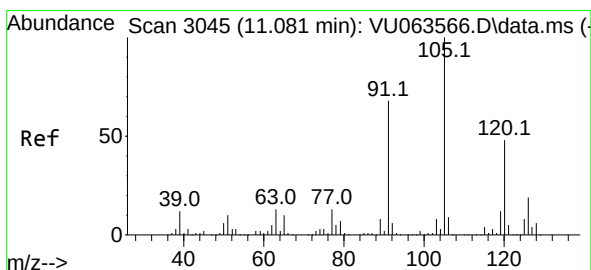
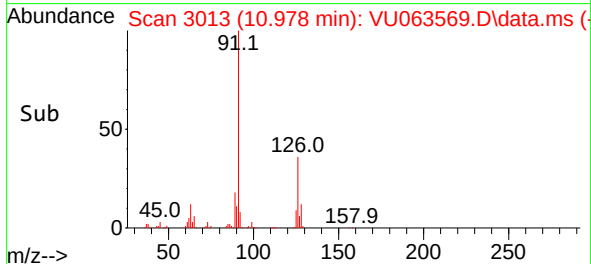
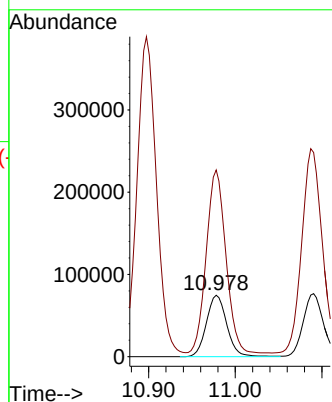
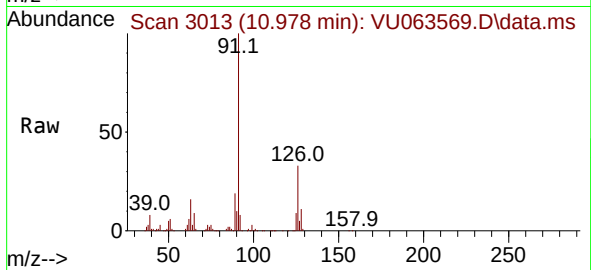
91 302.4 0.0 609.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#75

1,3,5-Trimethylbenzene

Concen: 10.519 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063569.D

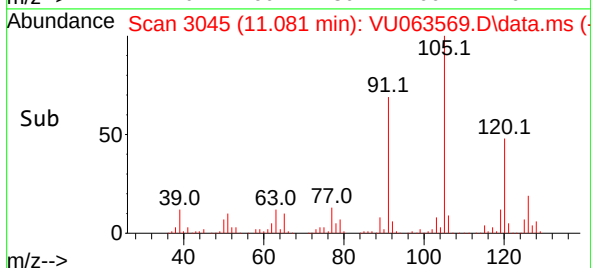
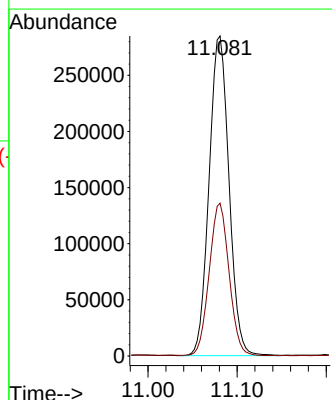
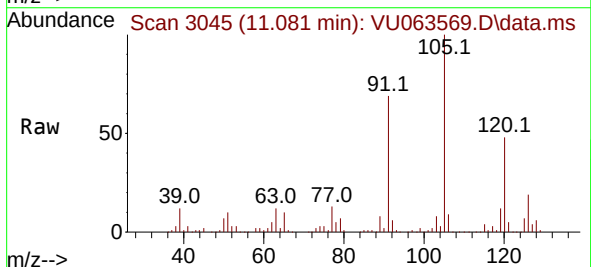
Acq: 12 Sep 2025 15:44

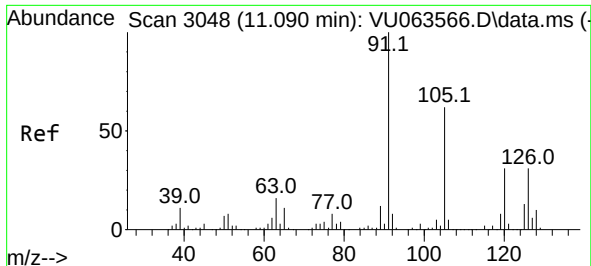
Tgt Ion:105 Resp: 442138

Ion Ratio Lower Upper

105 100

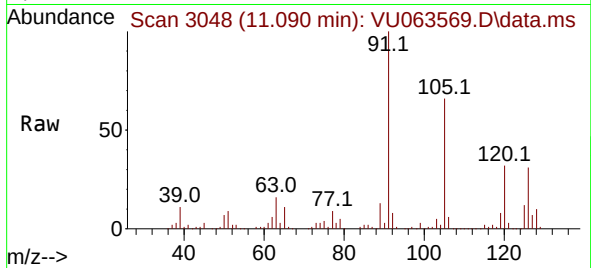
120 47.4 38.0 57.0





#76
4-Chlorotoluene
Concen: 10.124 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

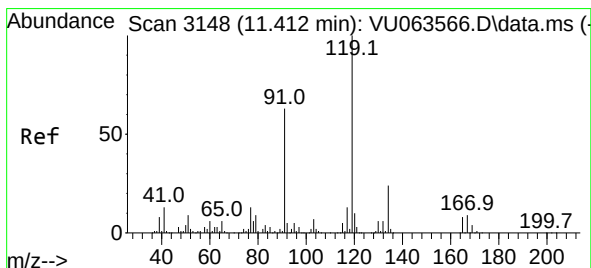
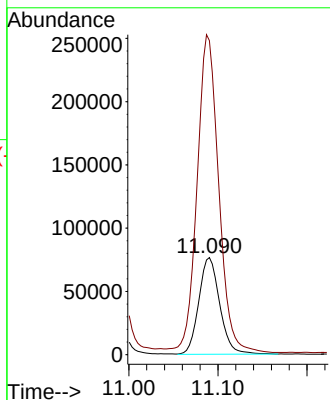
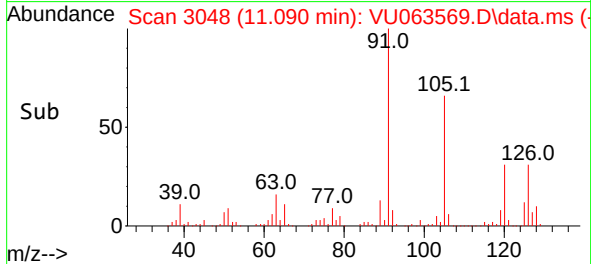
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



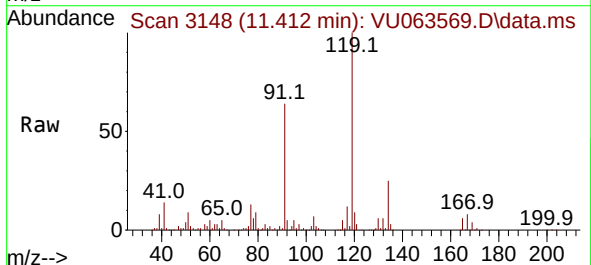
Tgt Ion:126 Resp: 12454
Ion Ratio Lower Upper
126 100
91 340.7 0.0 679.4

Manual Integrations
APPROVED

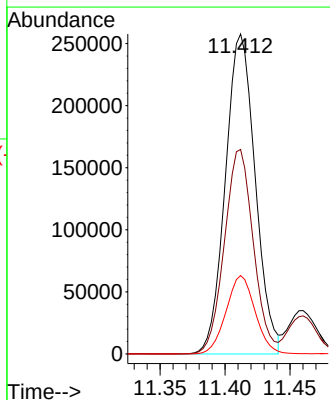
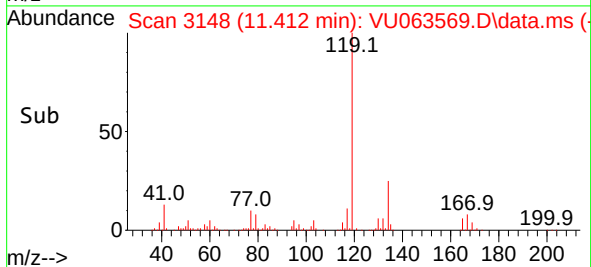
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

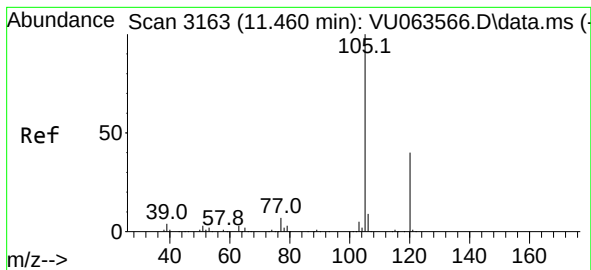


#77
tert-Butylbenzene
Concen: 10.153 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



Tgt Ion:119 Resp: 412567
Ion Ratio Lower Upper
119 100
91 62.0 31.0 93.0
134 23.9 19.0 28.6





#78

1,2,4-Trimethylbenzene

Concen: 10.538 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion:105 Resp: 431058

Ion Ratio Lower Upper

105 100

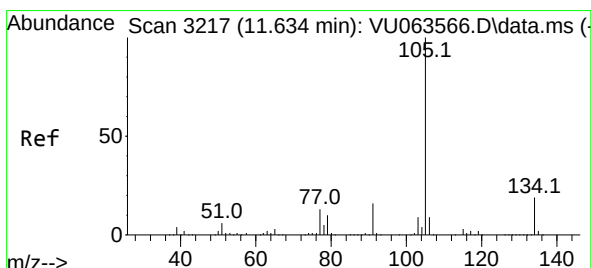
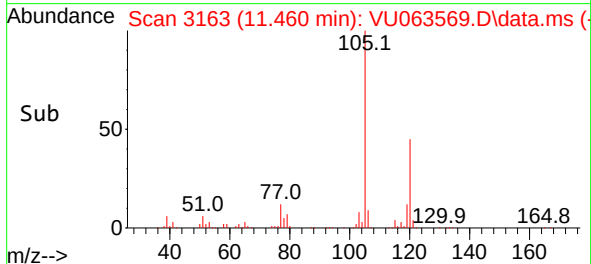
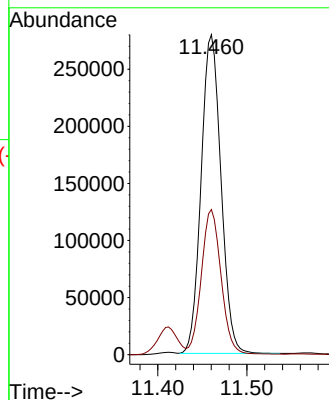
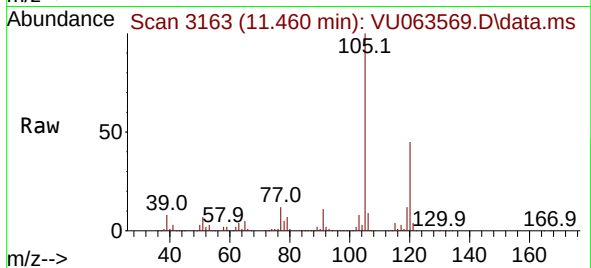
120 45.3 22.4 67.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#79

sec-Butylbenzene

Concen: 10.288 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063569.D

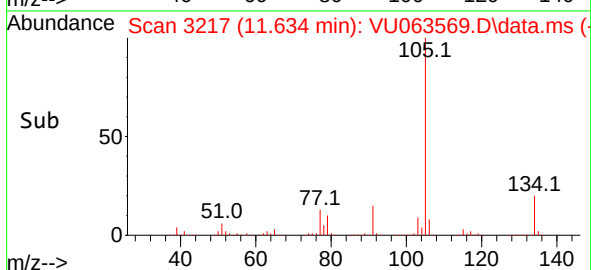
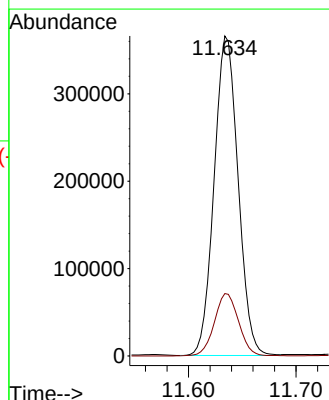
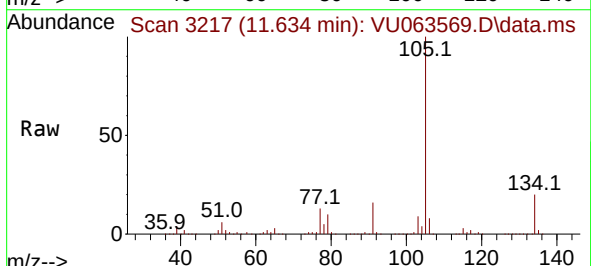
Acq: 12 Sep 2025 15:44

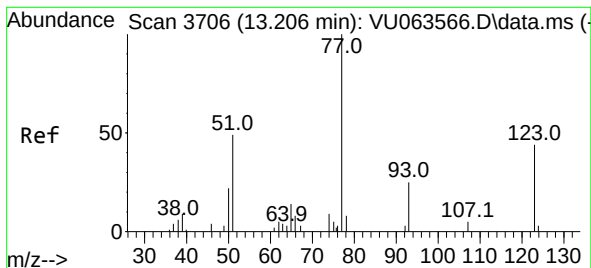
Tgt Ion:105 Resp: 566337

Ion Ratio Lower Upper

105 100

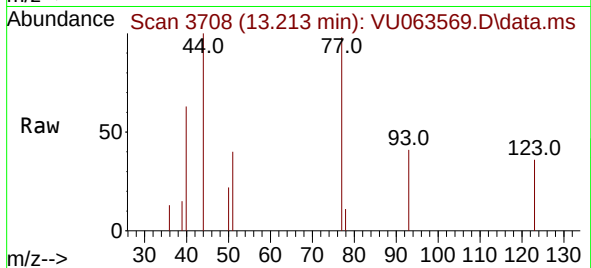
134 19.8 15.6 23.4





#80
Nitrobenzene
Concen: 11.125 ug/l
RT: 13.213 min Scan# 3708
Delta R.T. 0.007 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

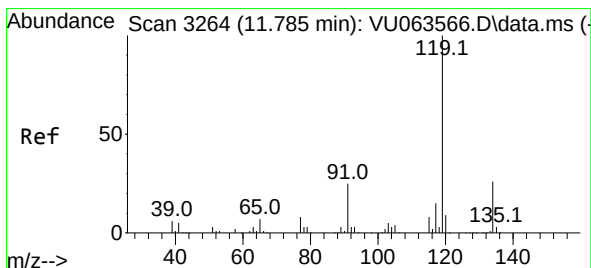
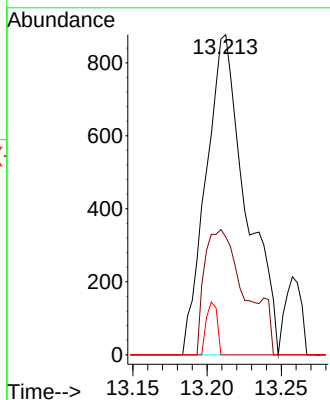
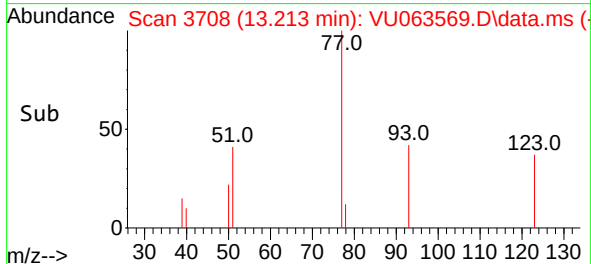
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



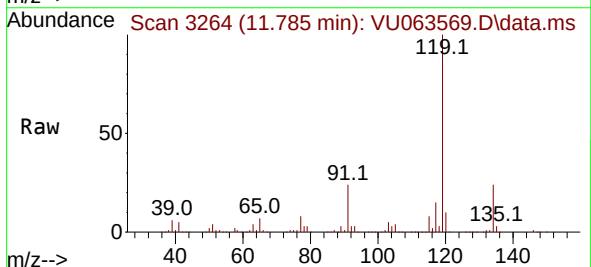
Tgt Ion: 77 Resp: 164
Ion Ratio Lower Upper
77 100
123 25.8 18.0 63.6
65 0.0 12.8 16.4

Manual Integrations
APPROVED

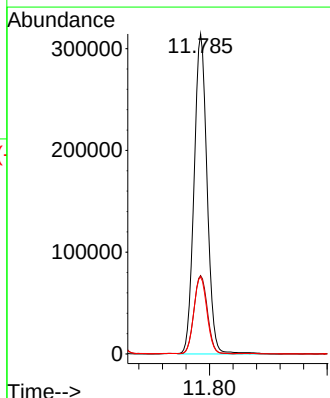
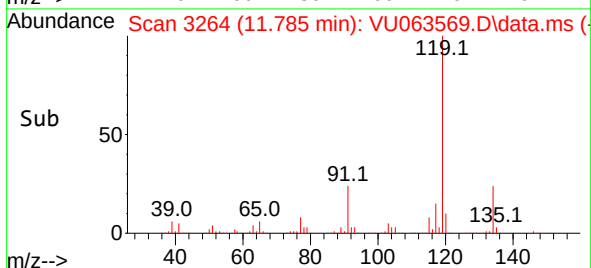
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

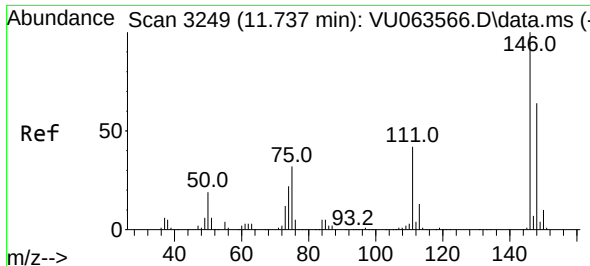


#81
p-Isopropyltoluene
Concen: 10.854 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



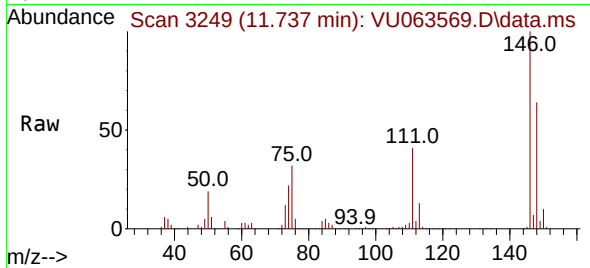
Tgt Ion:119 Resp: 480748
Ion Ratio Lower Upper
119 100
134 25.2 20.6 30.8
91 24.0 19.8 29.6





#82
1,3-Dichlorobenzene
Concen: 10.191 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

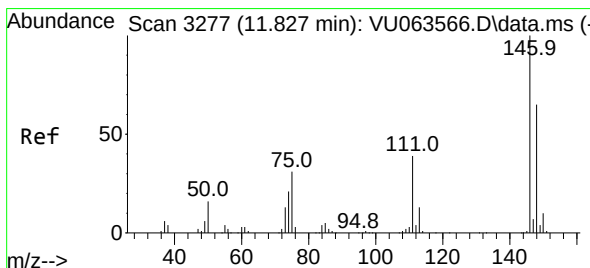
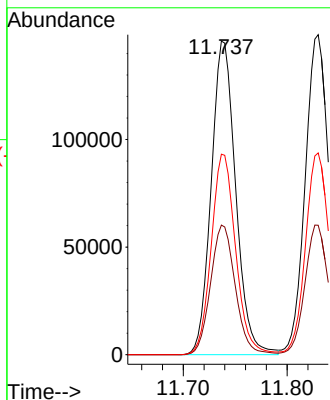
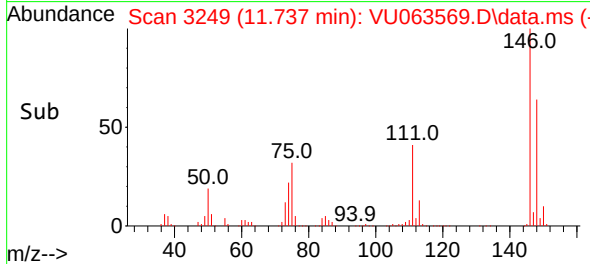
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



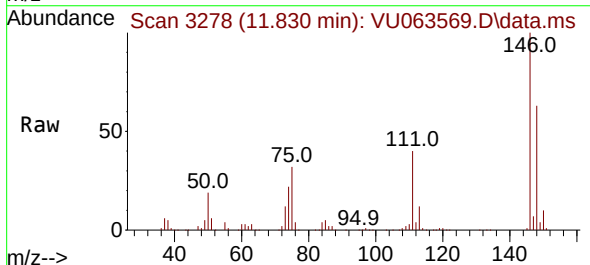
Tgt Ion:146 Resp: 23910
Ion Ratio Lower Upper
146 100
111 41.6 32.7 49.1
148 63.8 50.4 75.6

Manual Integrations
APPROVED

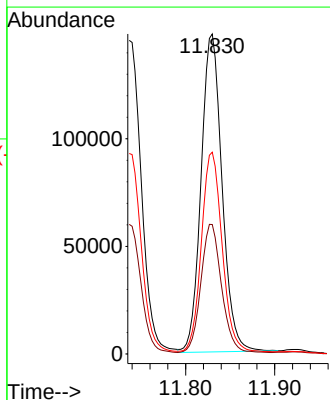
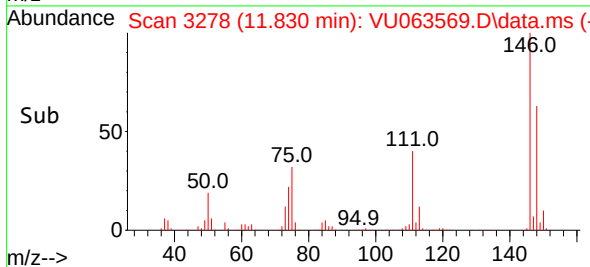
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

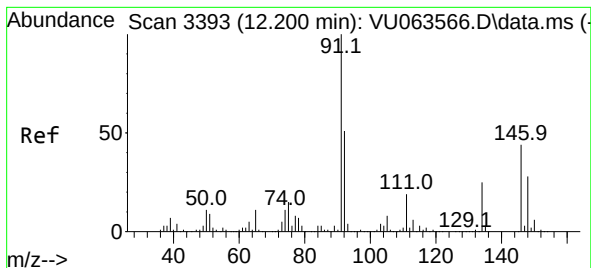


#83
1,4-Dichlorobenzene
Concen: 10.017 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



Tgt Ion:146 Resp: 241404
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 62.6 51.8 77.8





#84

n-Butylbenzene

Concen: 10.618 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091225

Tgt Ion: 91 Resp: 440800

Ion Ratio Lower Upper

91 100

92 51.3 41.3 61.9

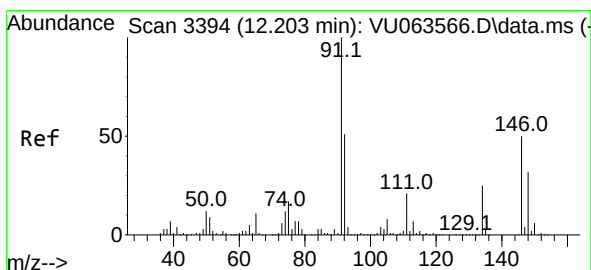
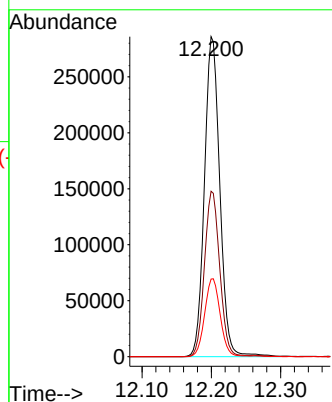
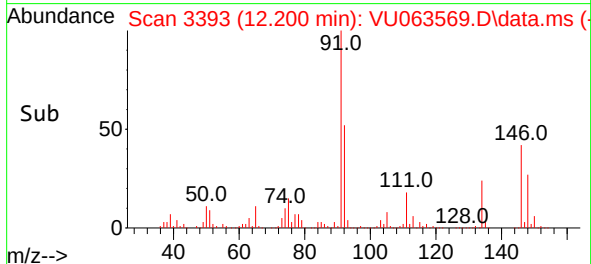
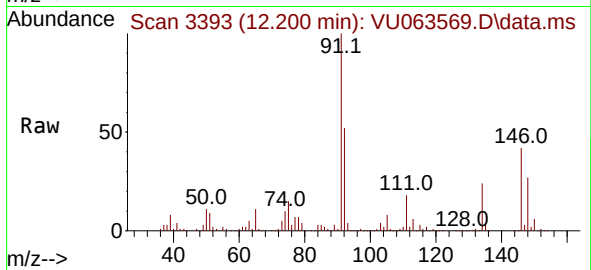
134 24.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#85

1,2-Dichlorobenzene

Concen: 9.723 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

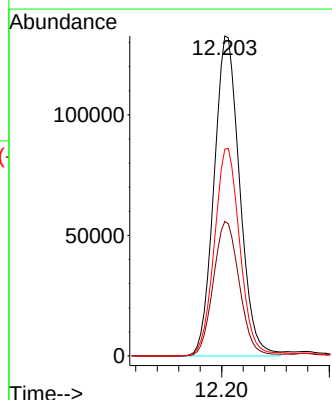
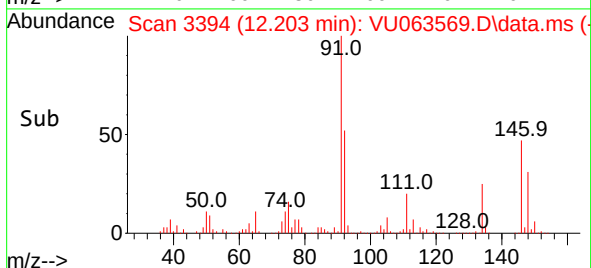
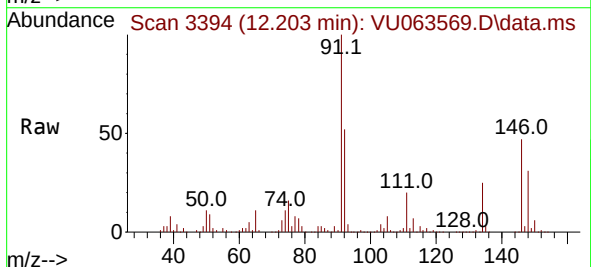
Tgt Ion:146 Resp: 220029

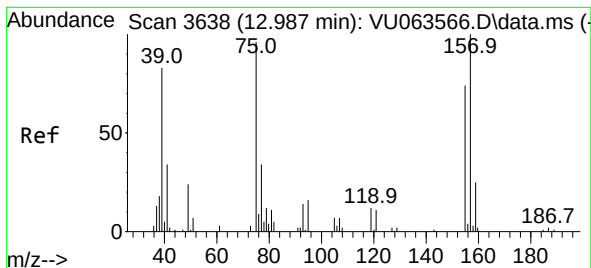
Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

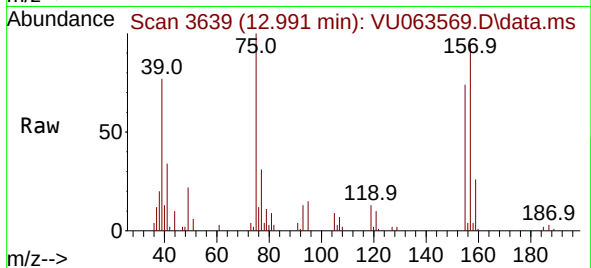
148 65.0 31.8 95.3





#86
1,2-Dibromo-3-Chloropropane
Concen: 9.657 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44

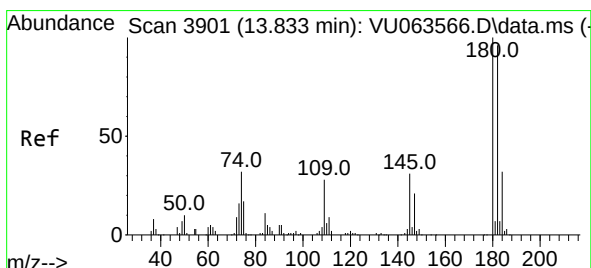
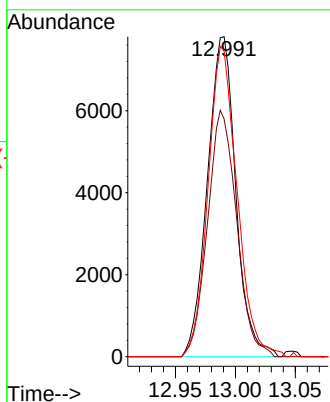
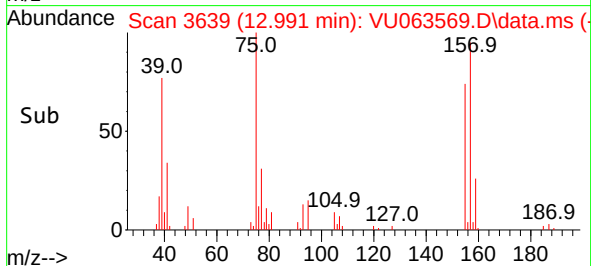
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091225



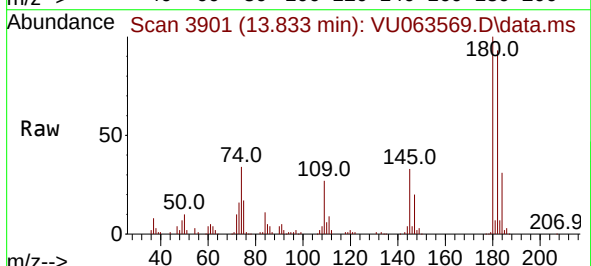
Tgt Ion: 75 Resp: 12844
Ion Ratio Lower Upper
75 100
155 79.0 64.1 96.1
157 99.2 84.2 126.4

Manual Integrations
APPROVED

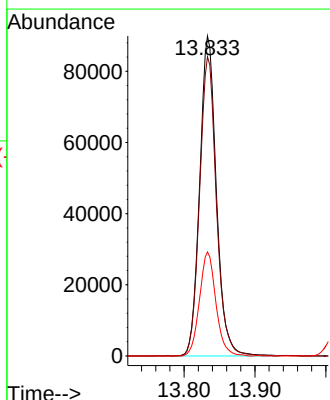
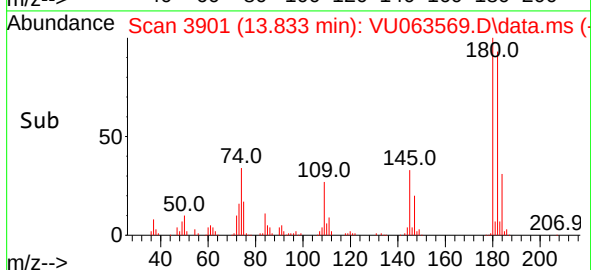
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

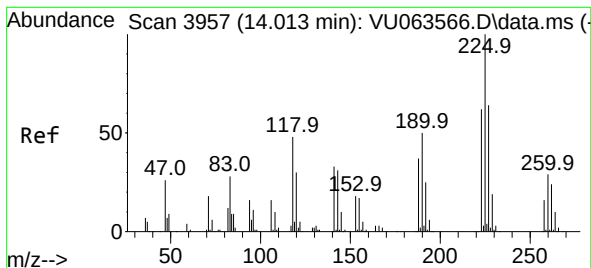


#87
1,2,4-Trichlorobenzene
Concen: 10.737 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063569.D
Acq: 12 Sep 2025 15:44



Tgt Ion:180 Resp: 147133
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 31.9 25.0 37.4





#88

Hexachlorobutadiene

Concen: 9.609 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

Instrument :

MSVOA_U

ClientSampleId :

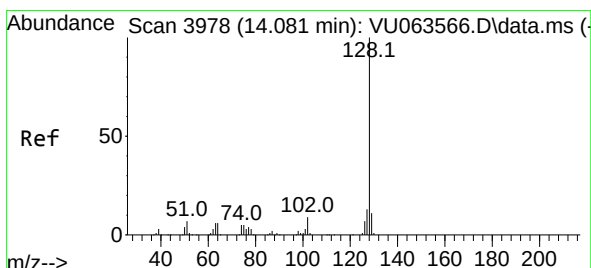
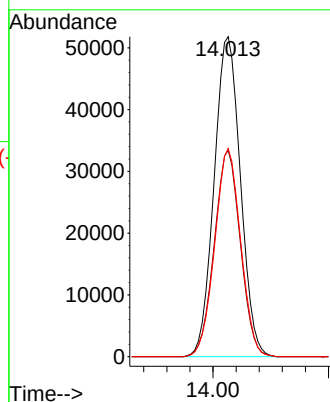
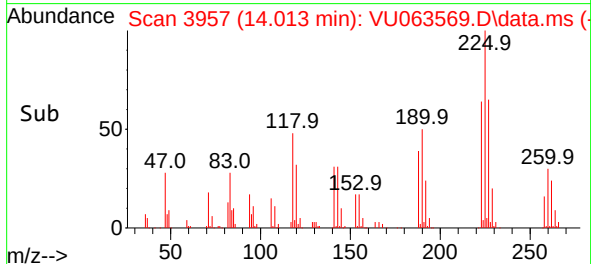
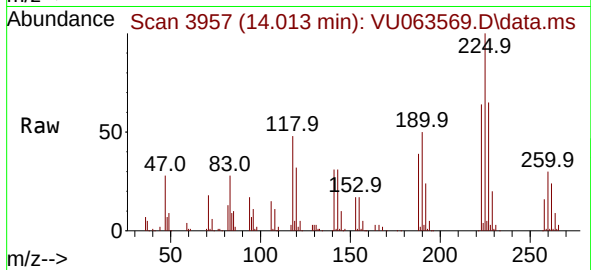
ICVVU091225

Tgt Ion:	225	Resp:	8194
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.2	75.2
227	64.0	51.6	77.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#89

Naphthalene

Concen: 10.082 ug/l

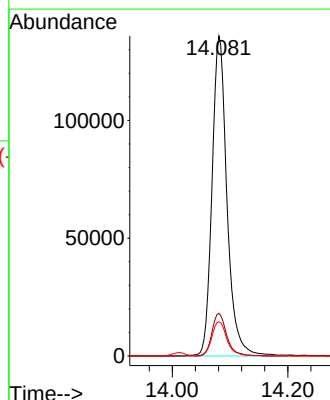
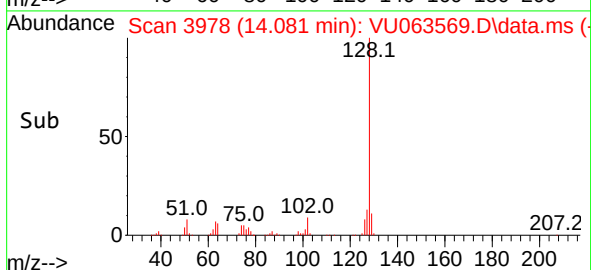
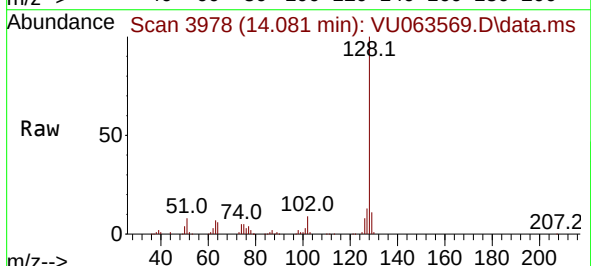
RT: 14.081 min Scan# 3978

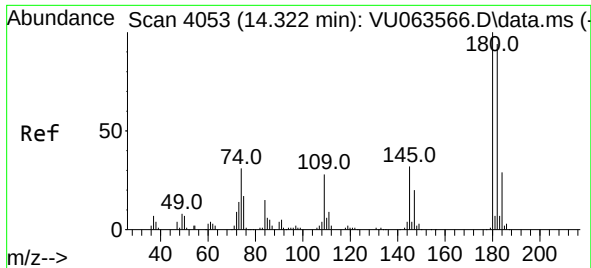
Delta R.T. 0.000 min

Lab File: VU063569.D

Acq: 12 Sep 2025 15:44

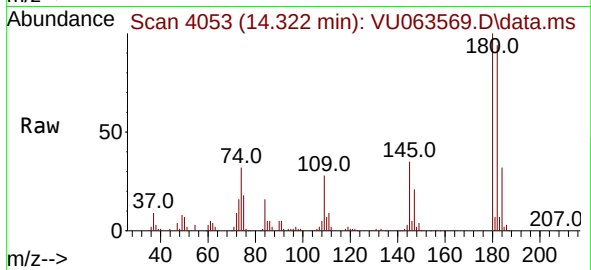
Tgt Ion:	128	Resp:	244241
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.8	8.6	13.0





#90
 1,2,3-Trichlorobenzene
 Concen: 9.672 ug/l
 RT: 14.322 min Scan# 4053
 Delta R.T. 0.000 min
 Lab File: VU063569.D
 Acq: 12 Sep 2025 15:44

Instrument : MSVOA_U
 ClientSampleId : ICVVU091225



Tgt Ion:180 Resp: 125780
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 34.4 26.6 40.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

