

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063567.D
 Acq On : 12 Sep 2025 12:08
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:21:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	36604	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	14726	1.227	ug/l	0.00
Spiked Amount 1.000			Recovery	=	123.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	15083	1.284	ug/l	0.00
Spiked Amount 1.000			Recovery	=	128.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	178645	20.101	ug/l	98
3) Chloromethane	1.518	50	166637	19.315	ug/l	98
4) Vinyl Chloride	1.599	62	188358	17.373	ug/l	99
5) Bromomethane	1.837	94	107157	14.475	ug/l	99
6) Chloroethane	1.920	64	118982	15.634	ug/l	98
7) Trichlorofluoromethane	2.126	101	279315	14.834	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	154768	15.066	ug/l	98
9) 1,1-Dichloroethene	2.567	96	139610	15.103	ug/l	97
10) Iodomethane	2.708	142	210350	14.468	ug/l	99
11) Allyl Chloride	2.907	41	244706	20.069	ug/l	99
12) Acrylonitrile	3.303	53	81369	33.827	ug/l	95
13) Acetone	2.618	43	340298	90.658	ug/l	98
14) Carbon Disulfide	2.779	76	309019	15.514	ug/l	99
15) Methylene Chloride	3.030	84	175394	14.154	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	153422	15.180	ug/l	97
17) 1,1-Dichloroethane	3.849	63	343977	16.561	ug/l	100
18) 2-Butanone	4.708	43	387713	94.638	ug/l	99
19) Cyclohexane	5.361	56	277521m	17.540	ug/l	
20) Methylcyclohexane	6.740	83	266255	18.786	ug/l	98
21) 2,2-Dichloropropane	4.644	77	263937	15.953	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	185666	15.158	ug/l	99
23) Diethyl Ether	2.370	59	125740	17.078	ug/l	99
24) tert-Butyl Alcohol	3.187	59	158583	164.863	ug/l	99
25) Methyl tert-Butyl Ether	3.358	73	426258	16.413	ug/l	99
26) Bromochloromethane	4.956	128	76193	14.725	ug/l	99
27) Chloroform	5.071	83	347981	15.620	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	273749	15.589	ug/l	99
29) 1,1-Dichloropropene	5.505	75	244569	16.030	ug/l	98
30) Carbon Tetrachloride	5.502	117	216434	16.145	ug/l	99
31) Isopropyl Ether	3.988	45	573931	18.594	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	486793	16.831	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	419058	16.039	ug/l	99
34) Propionitrile	4.772	54	79070	83.938	ug/l	98
35) Benzene	5.753	78	713413	15.898	ug/l	97
36) 1,2-Dichloroethane	5.782	62	236455	16.255	ug/l	99
37) Trichloroethene	6.525	130	173440	15.252	ug/l	100
38) 1,2-Dichloropropane	6.779	63	194330	18.541	ug/l	99
39) Methacrylonitrile	4.968	41	73998	18.494	ug/l	98
40) Methyl acrylate	4.843	55	101751	16.629	ug/l	100
41) Tetrahydrofuran	5.058	42	73250	34.051	ug/l	98
42) 1-Chlorobutane	5.438	56	346886	17.691	ug/l	97
43) Dibromomethane	6.904	93	91607	16.937	ug/l	100
44) Bromodichloromethane	7.094	83	208453	18.170	ug/l	100

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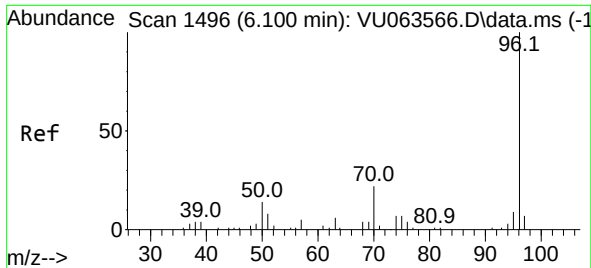
Manual Integrations
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Quant Time: Sep 13 02:21:21 2025
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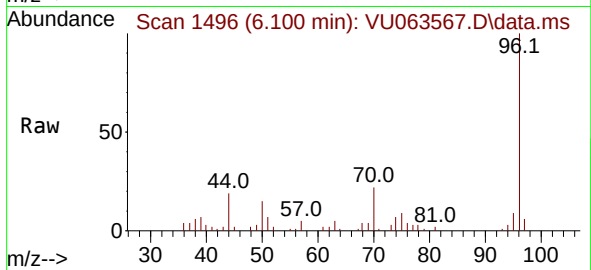
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45) 4-Methyl-2-Pentanone	7.795	43	599074	112.677	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	91600m	37.626	ug/l	
47) Methyl methacrylate	6.962	69	165385	35.698	ug/l	98
48) Ethyl methacrylate	8.332	69	165855	21.289	ug/l	99
49) Toluene	7.955	92	409097	19.750	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	166321	20.674	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	218724	20.927	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	132854	18.675	ug/l	97
53) 1,3-Dichloropropane	8.566	76	228930	19.515	ug/l	99
54) 2-Hexanone	8.685	43	487280	113.513	ug/l	99
55) Dibromochloromethane	8.801	129	140763	20.613	ug/l	100
56) 1,2-Dibromoethane	8.914	107	116008	19.249	ug/l	99
58) Tetrachloroethene	8.541	164	175892	19.357	ug/l	95
59) Chlorobenzene	9.438	112	472246	19.293	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	161187	20.081	ug/l	100
61) Pentachloroethane	11.418	117	120096	19.735	ug/l	99
62) Hexachloroethane	12.467	117	112075	21.070	ug/l	99
63) Ethyl Benzene	9.560	91	820356	19.622	ug/l	96
64) m/p-Xylenes	9.685	106	632087	39.305	ug/l	99
65) o-Xylene	10.090	106	312126	19.574	ug/l	100
66) Styrene	10.106	104	524388	20.150	ug/l	100
67) Bromoform	10.280	173	73754	21.519	ug/l	98
69) Isopropylbenzene	10.473	105	766553	19.590	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	172913	18.862	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	123974m	19.502	ug/l	
72) Bromobenzene	10.772	156	198846	20.019	ug/l	97
73) n-propylbenzene	10.897	120	232727	20.252	ug/l	99
74) 2-Chlorotoluene	10.978	126	198874	19.311	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	733441	19.658	ug/l	100
76) 4-Chlorotoluene	11.087	126	206926	18.997	ug/l	98
77) tert-Butylbenzene	11.409	119	705074	19.442	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	730395	19.676	ug/l	100
79) sec-Butylbenzene	11.634	105	964674	19.676	ug/l	100
80) Nitrobenzene	13.203	77	16403	85.345	ug/l	96
81) p-Isopropyltoluene	11.785	119	803672	20.255	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	398688	19.388	ug/l	98
83) 1,4-Dichlorobenzene	11.827	146	402826	19.315	ug/l	99
84) n-Butylbenzene	12.200	91	768296	20.428	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	379495	19.030	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	25869	21.521	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	251505	21.455	ug/l	99
88) Hexachlorobutadiene	14.013	225	151552	21.254	ug/l	99
89) Naphthalene	14.077	128	451777	21.235	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	236349	21.804	ug/l	100

(#) = 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: VU063567.D
Acq: 12 Sep 2025 12:08

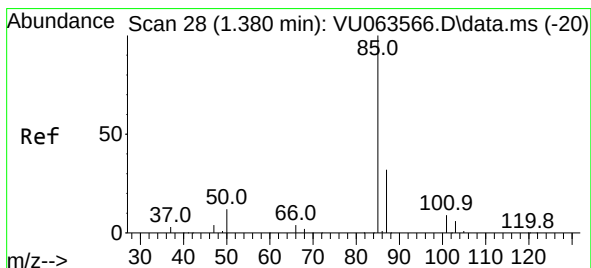
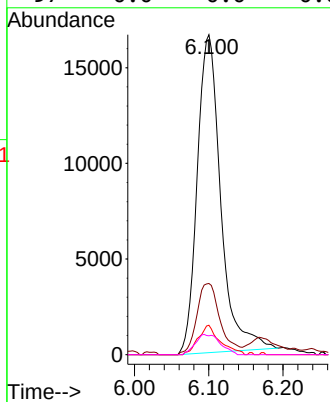
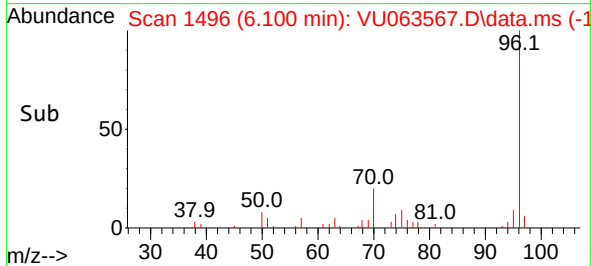
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 96 Resp: 36604
Ion Ratio Lower Upper
96 100
70 19.7 15.5 23.3
95 0.0 7.7 11.5
97 0.0 0.0 0.0

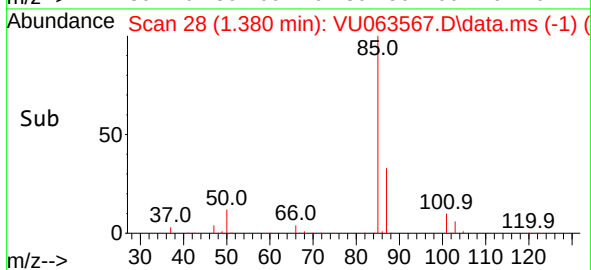
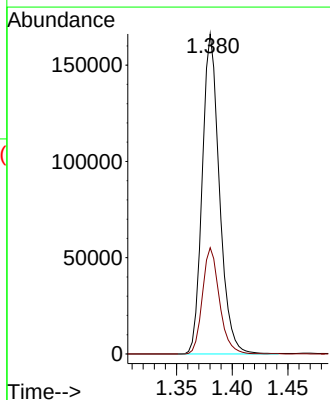
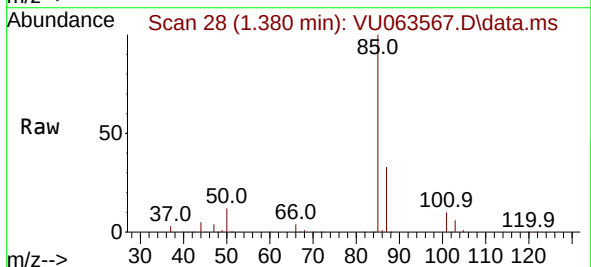
Manual Integrations
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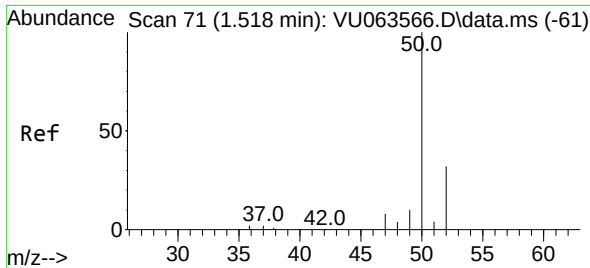
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#2
Dichlorodifluoromethane
Concen: 20.101 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 85 Resp: 178645
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





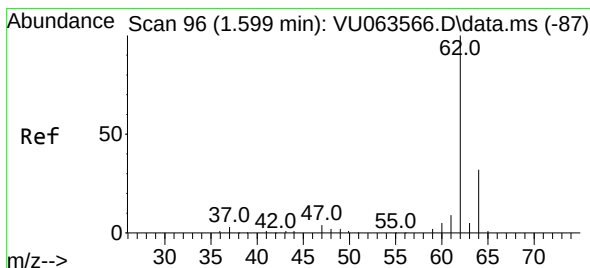
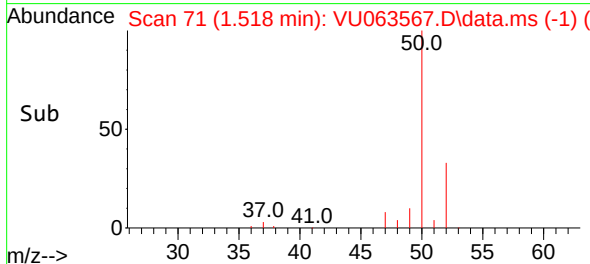
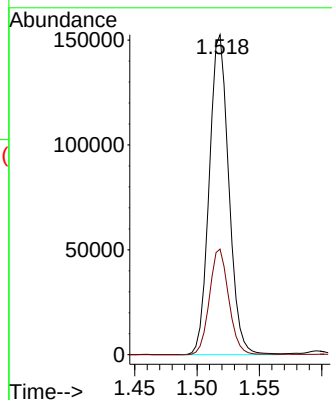
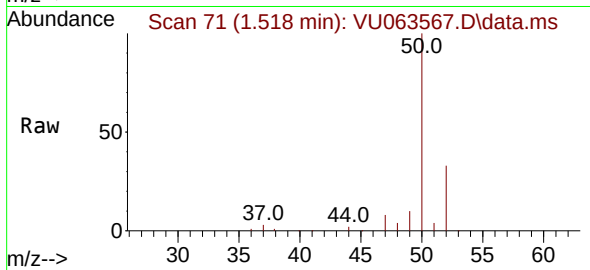
#3
Chloromethane
Concen: 19.315 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
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Tgt Ion: 50 Resp: 16663
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4

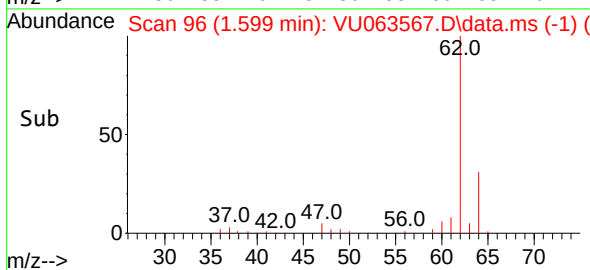
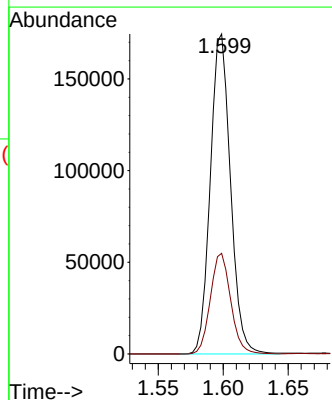
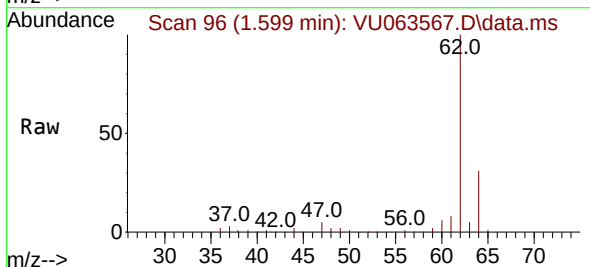
Manual Integrations
APPROVED

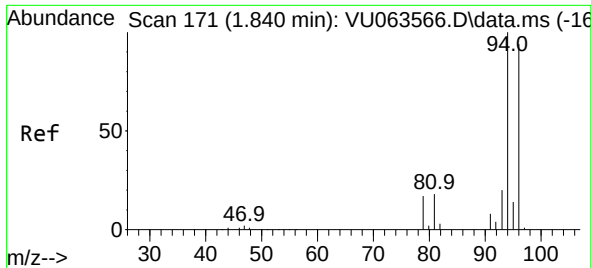
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#4
Vinyl Chloride
Concen: 17.373 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

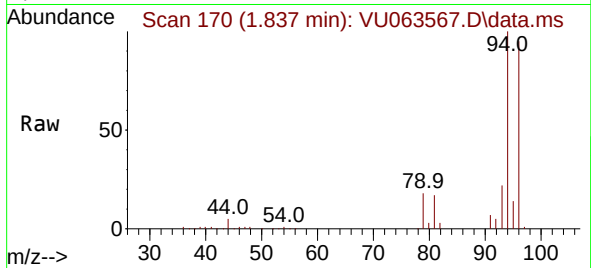
Tgt Ion: 62 Resp: 188358
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 14.475 ug/l
RT: 1.837 min Scan# 171
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

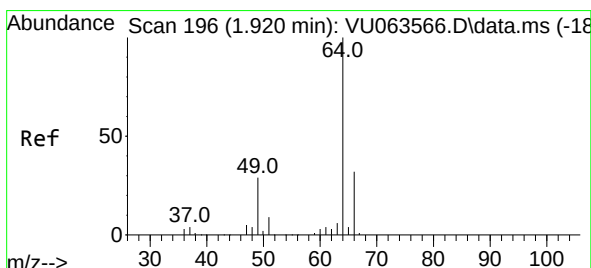
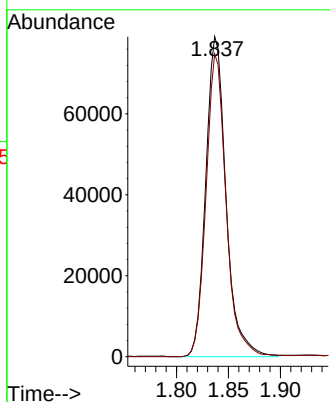
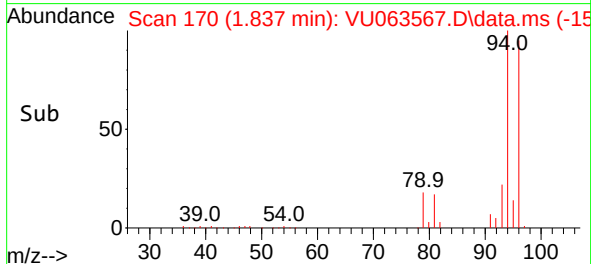
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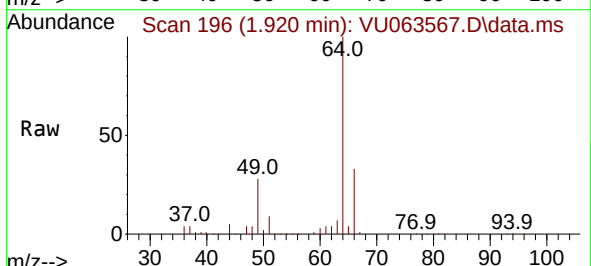
Tgt Ion: 94 Resp: 10715
Ion Ratio Lower Upper
94 100
96 94.6 75.1 112.7

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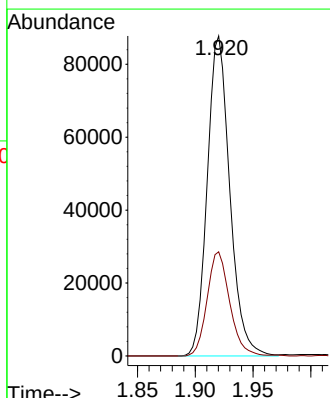
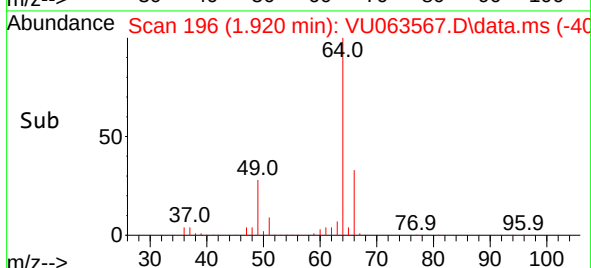
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

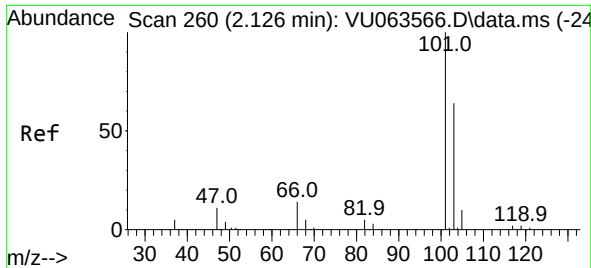


#6
Chloroethane
Concen: 15.634 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



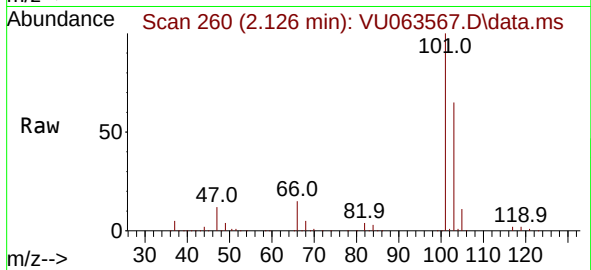
Tgt Ion: 64 Resp: 118982
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 14.834 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08

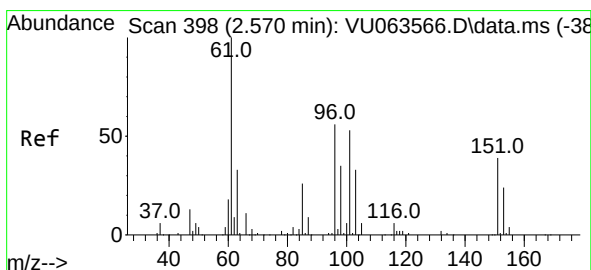
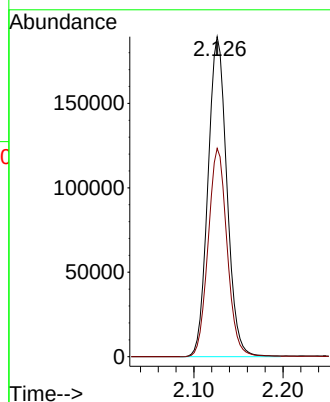
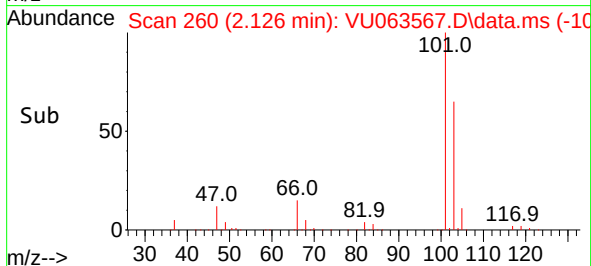
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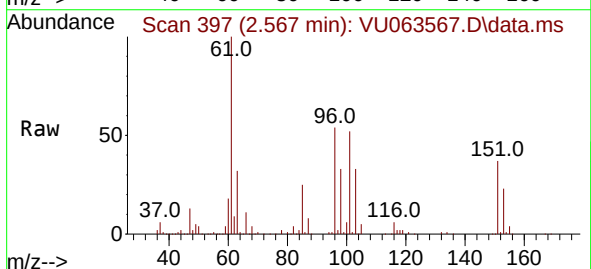
Tgt Ion:101 Resp: 279315
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.8 76.2

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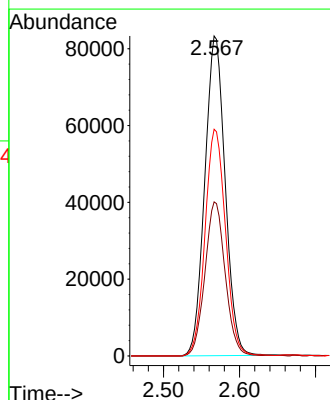
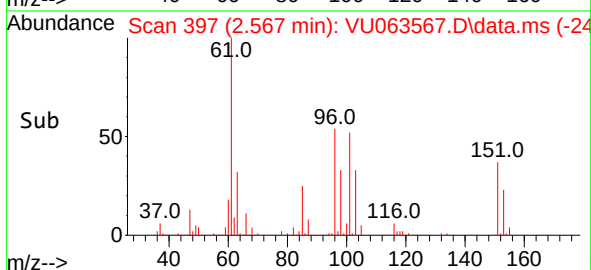
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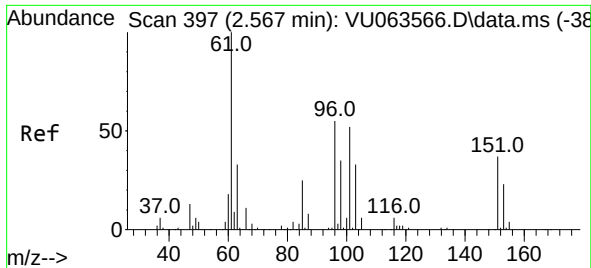


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.066 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08



Tgt Ion:101 Resp: 154768
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.7 58.1
 151 71.1 58.2 87.2





#9

1,1-Dichloroethene

Concen: 15.103 ug/l

RT: 2.567 min Scan# 397

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

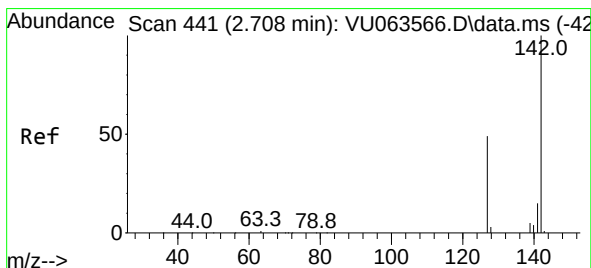
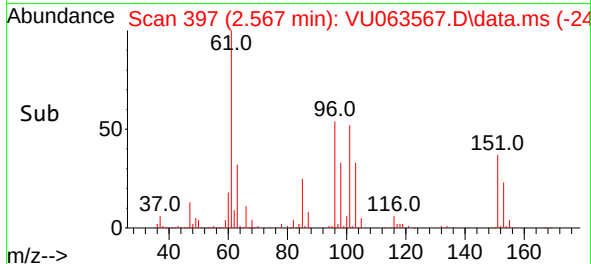
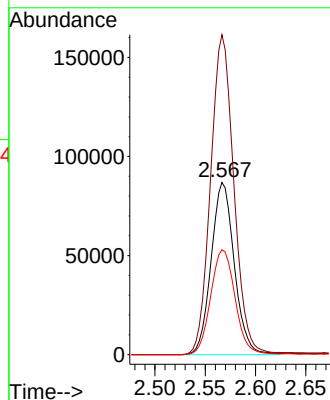
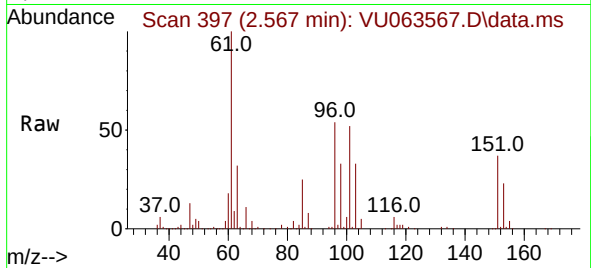
VSTDIC015

Tgt Ion:	96	Resp:	139610
Ion	Ratio	Lower	Upper
96	100		
61	185.6	0.0	543.9
98	60.9	0.0	125.8

Manual Integrations

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#10

Iodomethane

Concen: 14.468 ug/l

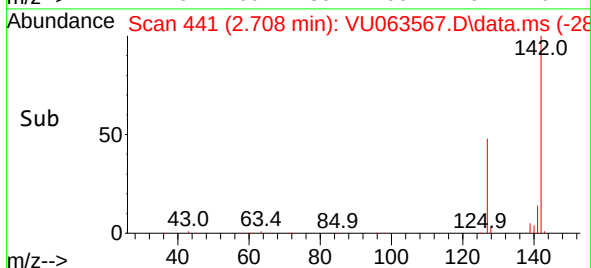
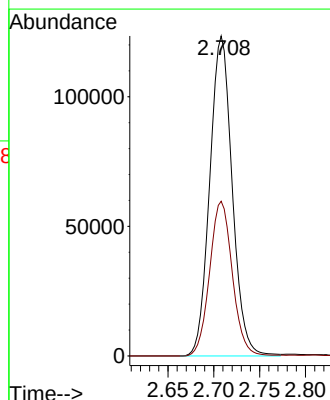
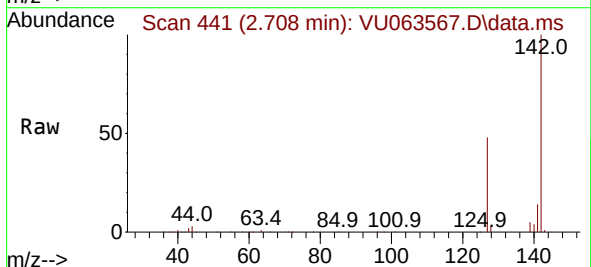
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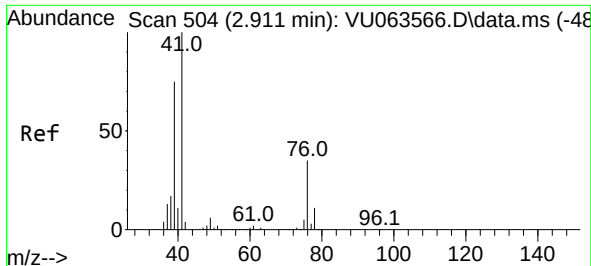
Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

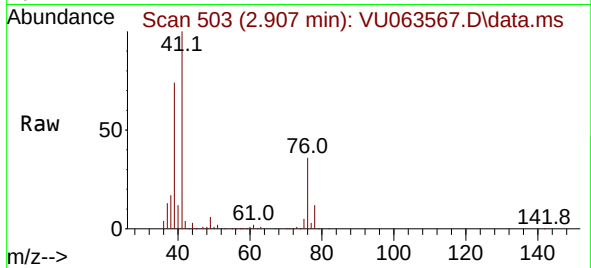
Tgt Ion:	142	Resp:	210350
Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.6	58.0





#11
 Allyl Chloride
 Concen: 20.069 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08

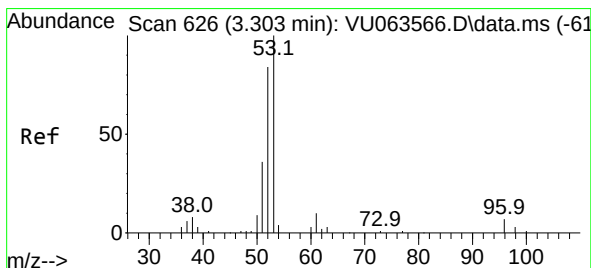
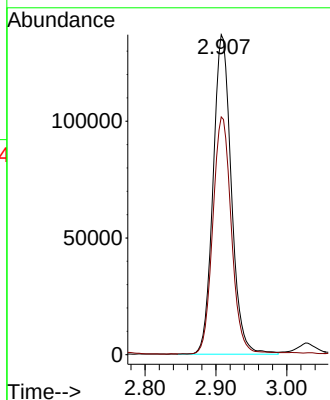
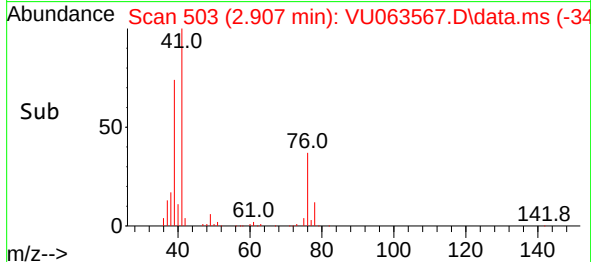
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 41 Resp: 244700
 Ion Ratio Lower Upper
 41 100
 39 75.6 61.2 91.8

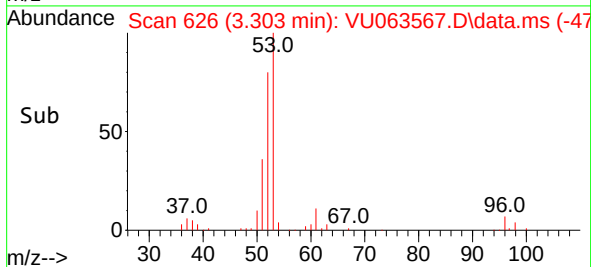
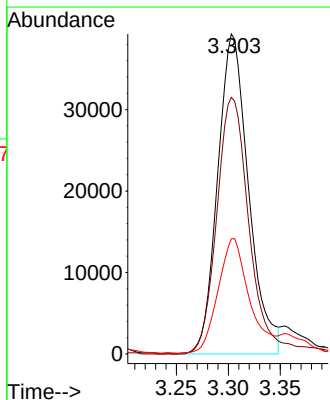
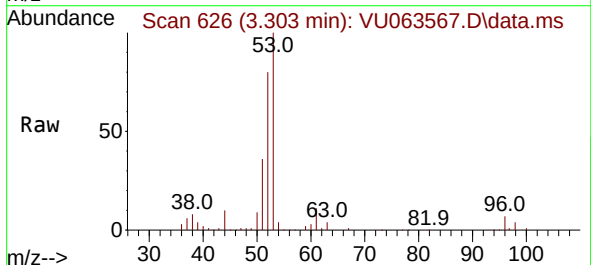
Manual Integrations
 APPROVED

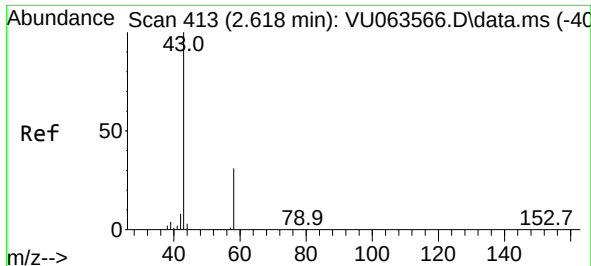
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025



#12
 Acrylonitrile
 Concen: 33.827 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08

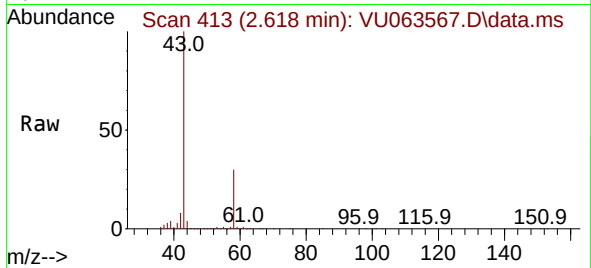
Tgt Ion: 53 Resp: 81369
 Ion Ratio Lower Upper
 53 100
 52 85.4 65.0 97.4
 51 36.1 31.2 46.8





#13
Acetone
Concen: 90.658 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

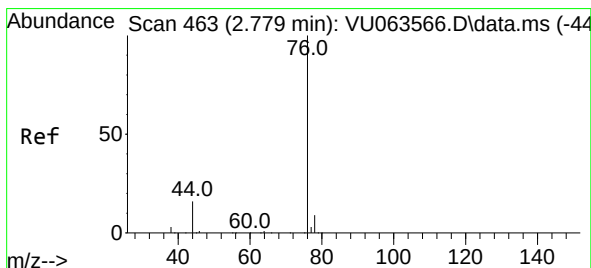
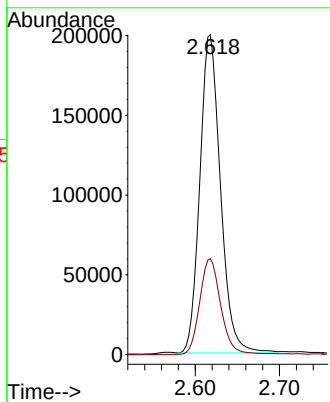
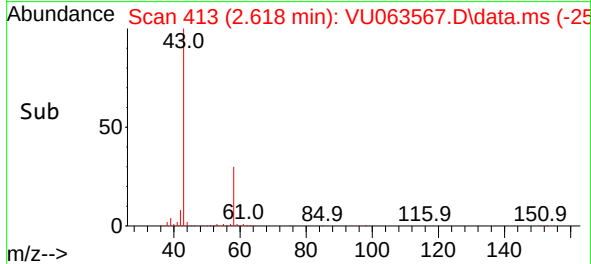
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 340298
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

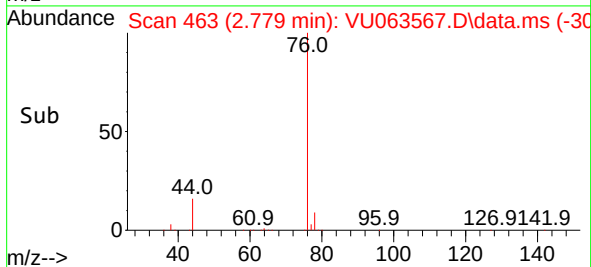
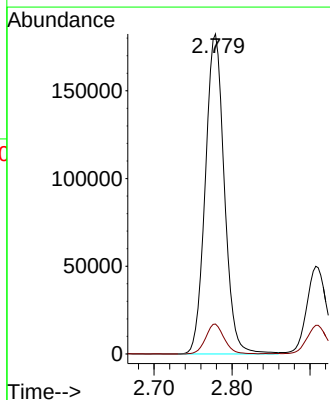
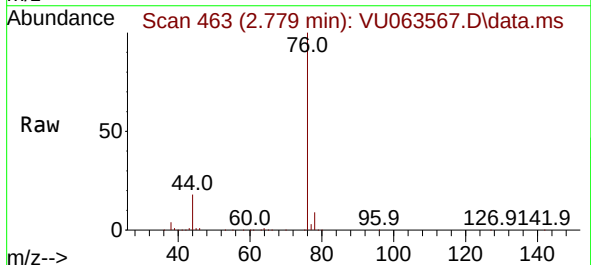
Manual Integrations
APPROVED

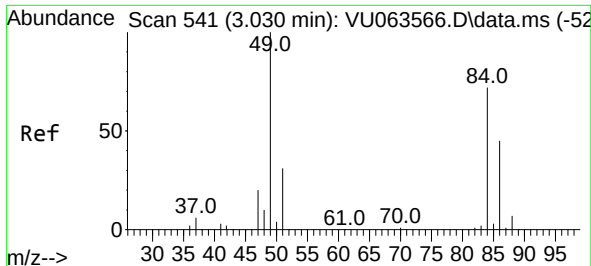
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#14
Carbon Disulfide
Concen: 15.514 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

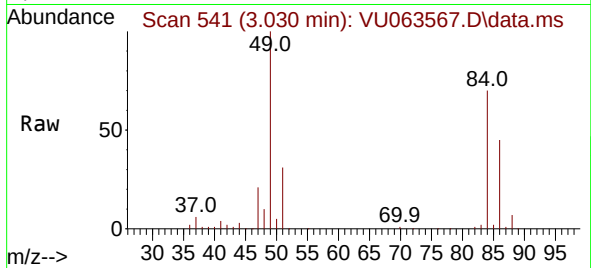
Tgt Ion: 76 Resp: 309019
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#15
Methylene Chloride
Concen: 14.154 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

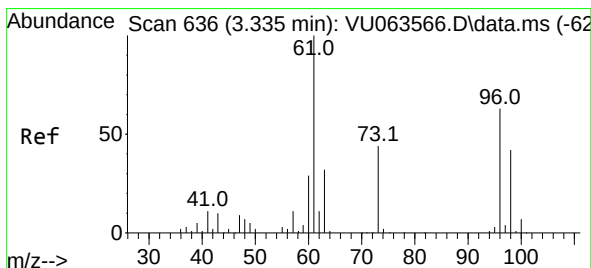
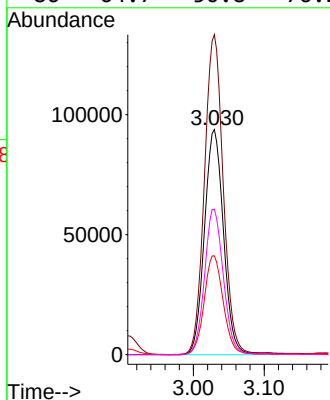
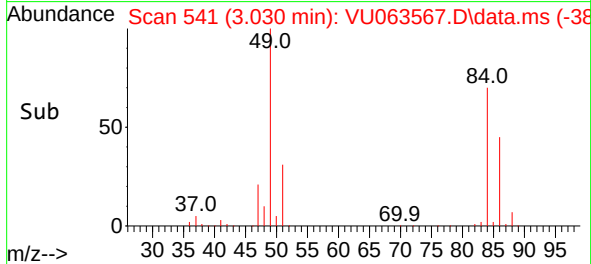
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 175394
Ion Ratio Lower Upper
84 100
49 142.0 111.8 167.6
51 43.9 0.0 86.0
86 64.7 50.8 76.2

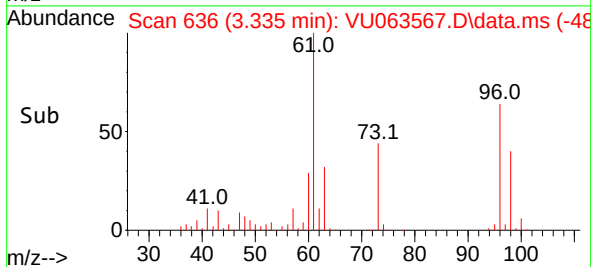
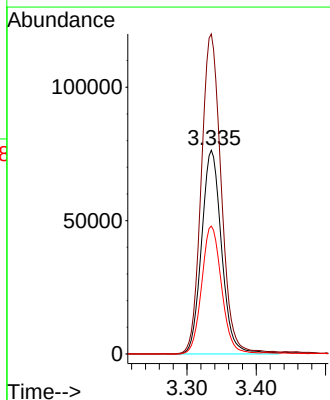
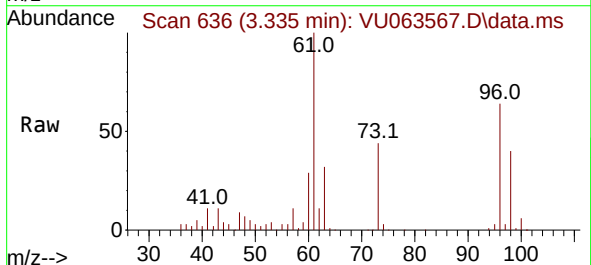
Manual Integrations
APPROVED

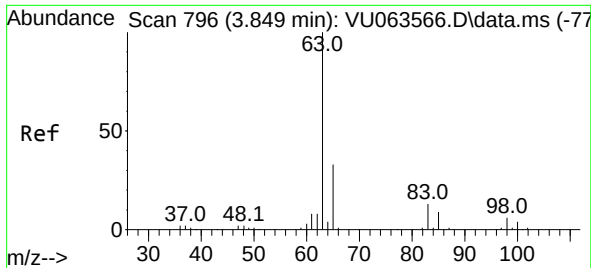
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#16
trans-1,2-Dichloroethene
Concen: 15.180 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 96 Resp: 153422
Ion Ratio Lower Upper
96 100
61 156.9 127.8 191.6
98 62.8 53.8 80.8





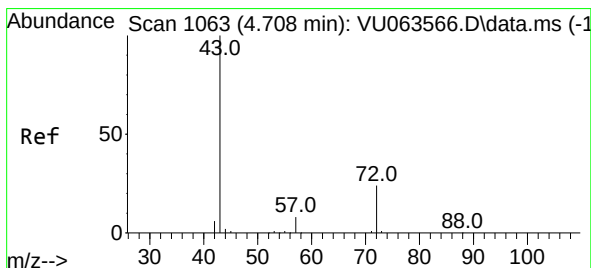
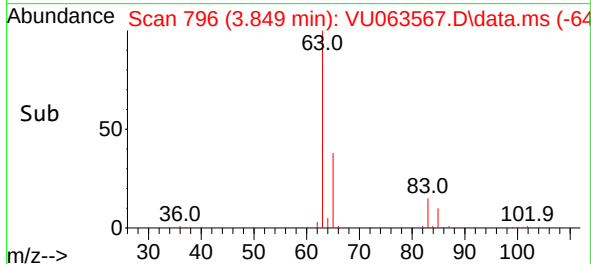
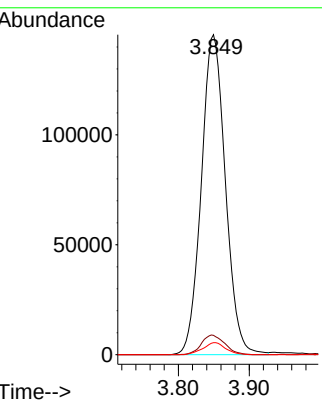
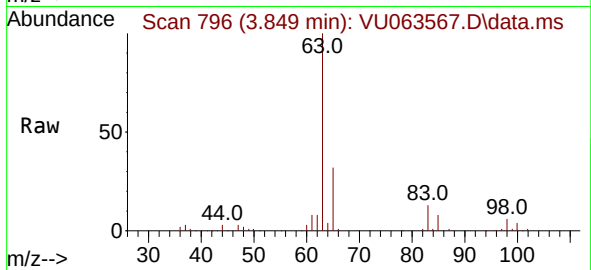
#17
1,1-Dichloroethane
Concen: 16.561 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 34397
Ion Ratio Lower Upper
63 100
98 6.0 2.9 8.8
100 3.7 2.0 5.8

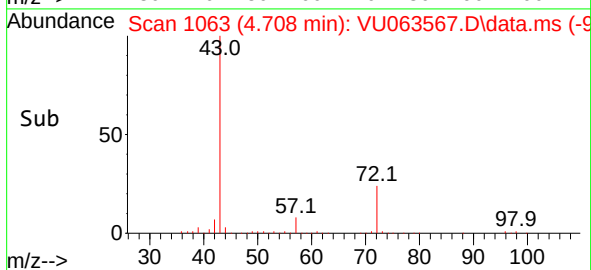
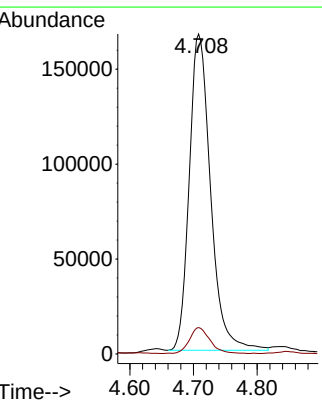
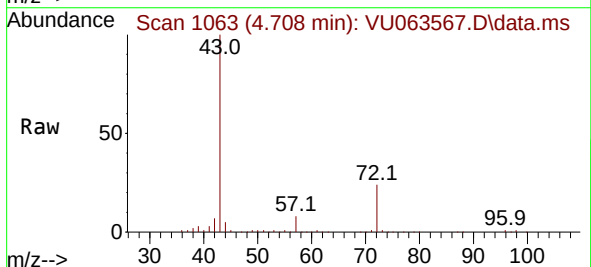
Manual Integrations
APPROVED

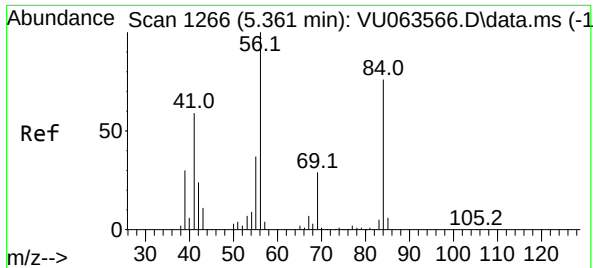
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#18
2-Butanone
Concen: 94.638 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

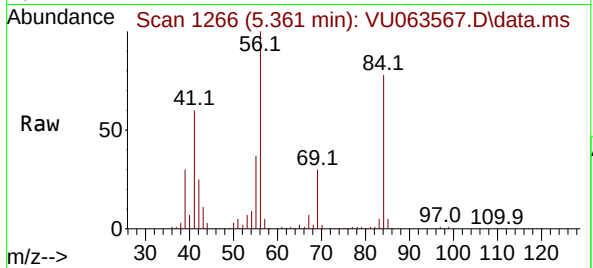
Tgt Ion: 43 Resp: 387713
Ion Ratio Lower Upper
43 100
57 8.1 0.0 15.8





#19
Cyclohexane
Concen: 17.540 ug/l m
RT: 5.361 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

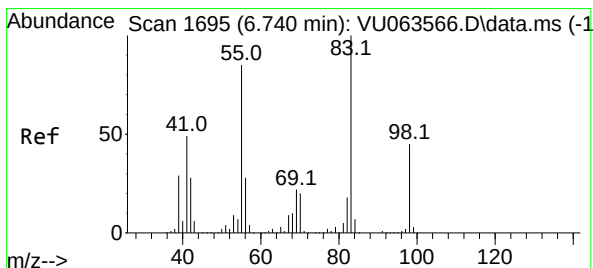
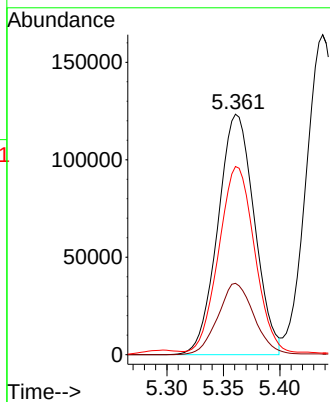
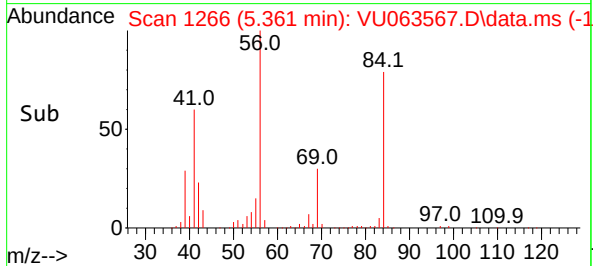
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 56 Resp: 27752
Ion Ratio Lower Upper
56 100
69 28.9 22.7 34.1
84 75.2 59.4 89.0

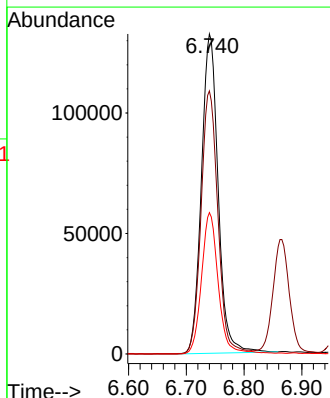
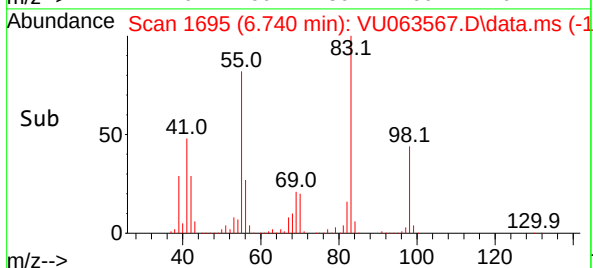
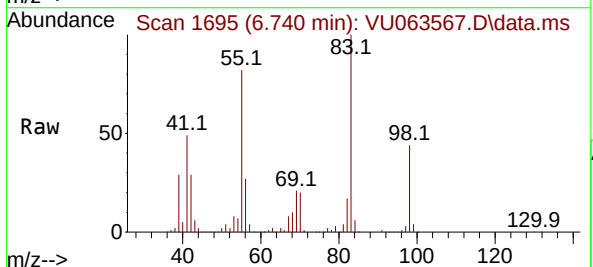
Manual Integrations
APPROVED

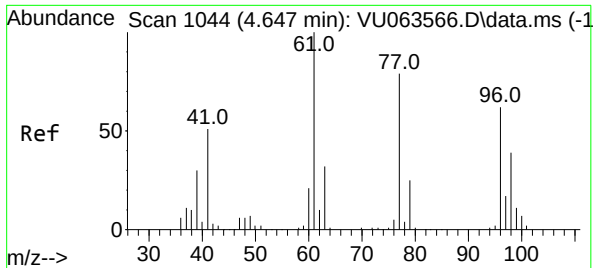
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#20
Methylcyclohexane
Concen: 18.786 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 83 Resp: 266255
Ion Ratio Lower Upper
83 100
55 81.1 66.7 100.1
98 44.0 35.9 53.9





#21
2,2-Dichloropropane
Concen: 15.953 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

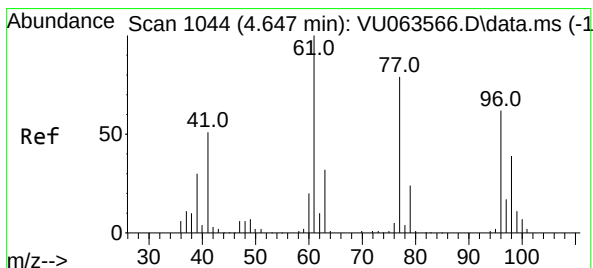
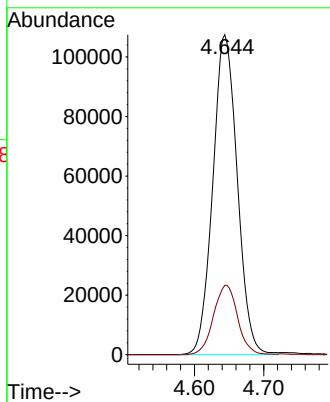
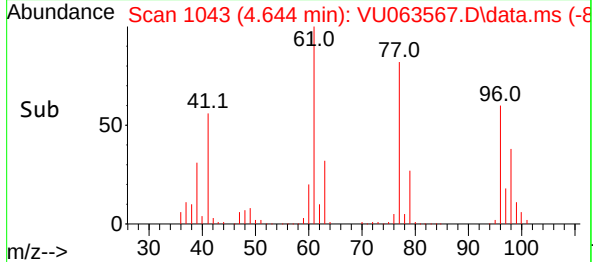
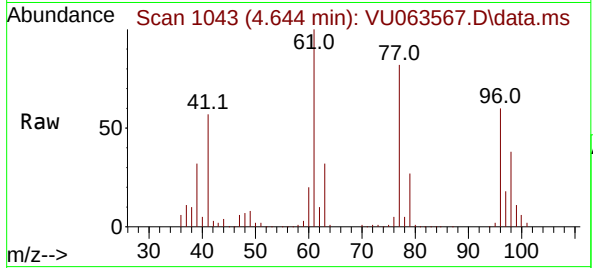
VSTDIC015

Tgt Ion: 77 Resp: 26393
Ion Ratio Lower Upper
77 100
97 21.4 17.5 26.3

Manual Integrations

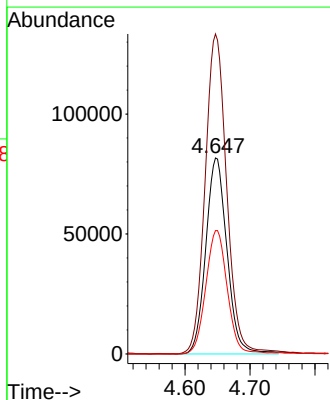
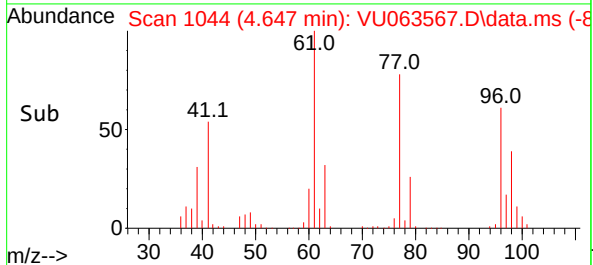
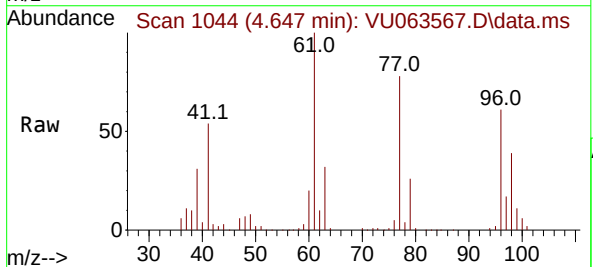
APPROVED

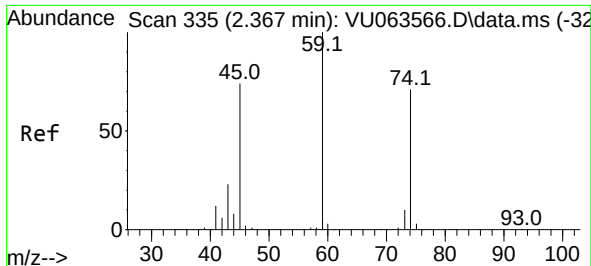
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#22
cis-1,2-Dichloroethene
Concen: 15.158 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

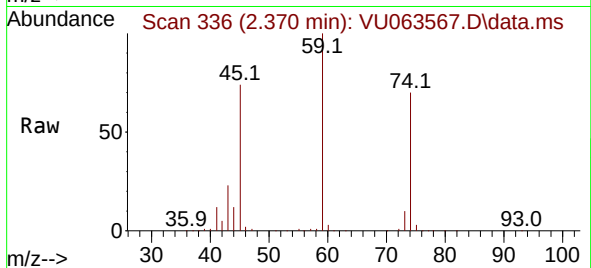
Tgt Ion: 96 Resp: 185666
Ion Ratio Lower Upper
96 100
61 166.8 0.0 411.0
98 63.6 31.9 95.9





#23
Diethyl Ether
Concen: 17.078 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

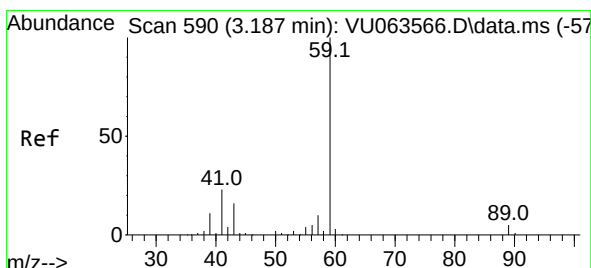
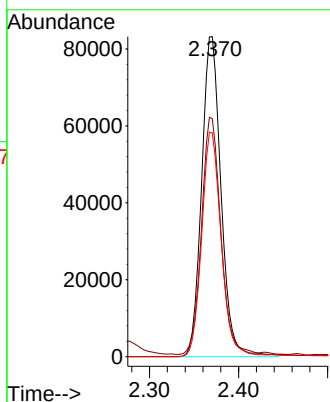
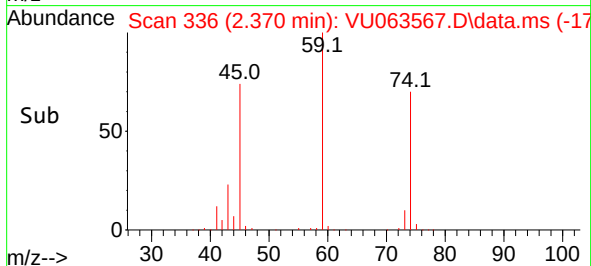
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 125740
Ion Ratio Lower Upper
59 100
45 73.6 59.0 88.6
74 70.6 57.8 86.6

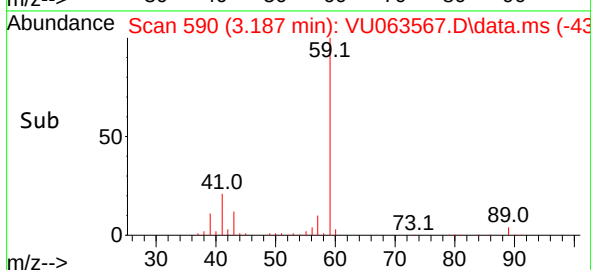
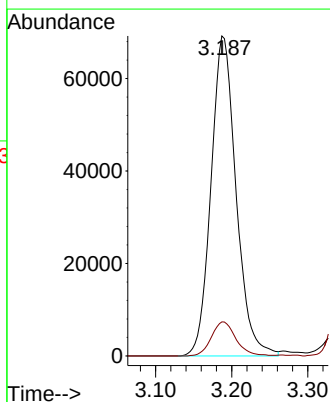
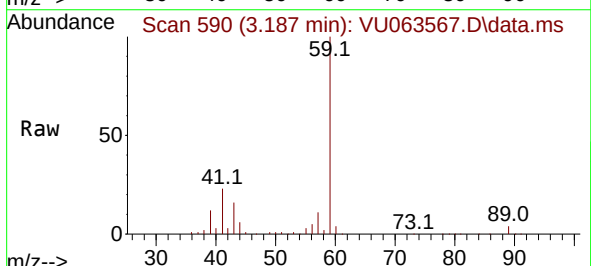
Manual Integrations
APPROVED

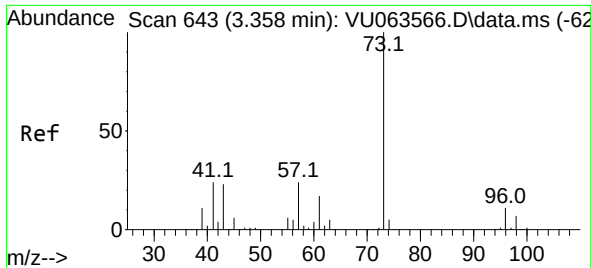
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#24
tert-Butyl Alcohol
Concen: 164.863 ug/l
RT: 3.187 min Scan# 590
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 59 Resp: 158583
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8





#25
Methyl tert-Butyl Ether
Concen: 16.413 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

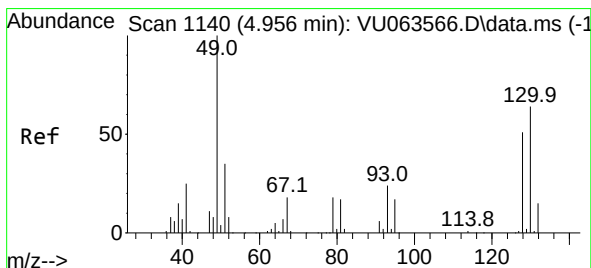
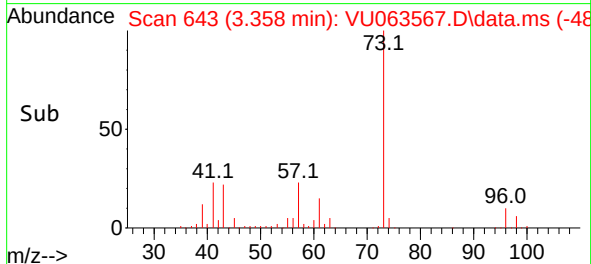
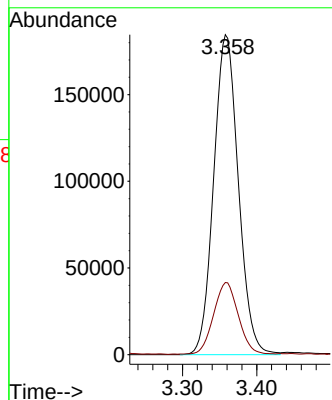
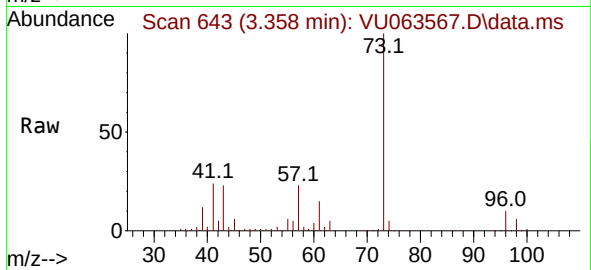
VSTDIC015

Tgt Ion: 73 Resp: 426258
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1

Manual Integrations

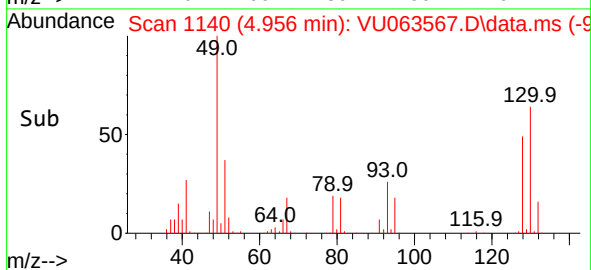
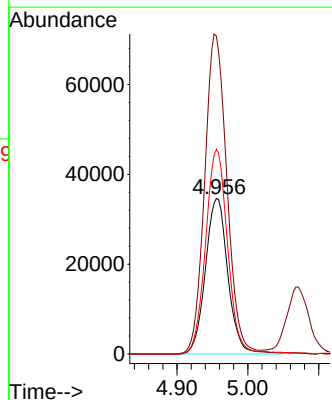
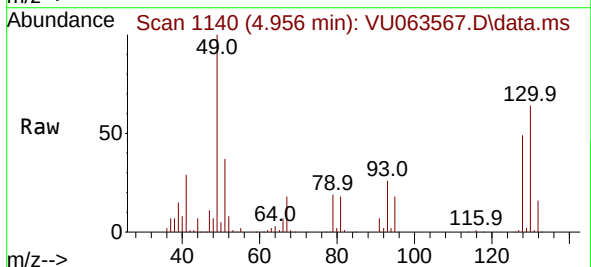
APPROVED

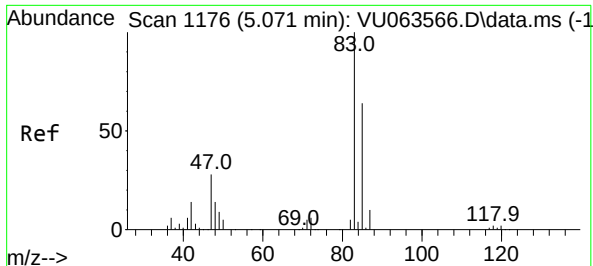
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#26
Bromochloromethane
Concen: 14.725 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion:128 Resp: 76193
Ion Ratio Lower Upper
128 100
49 203.7 0.0 410.2
130 128.3 103.4 155.0





#27

Chloroform

Concen: 15.620 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 34798

Ion Ratio Lower Upper

83 100

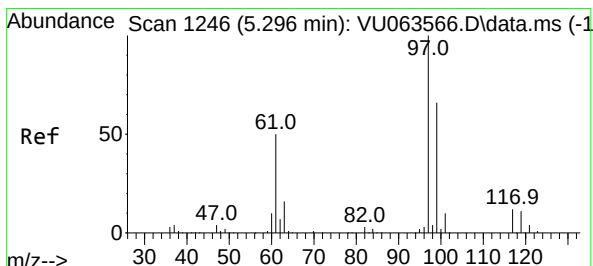
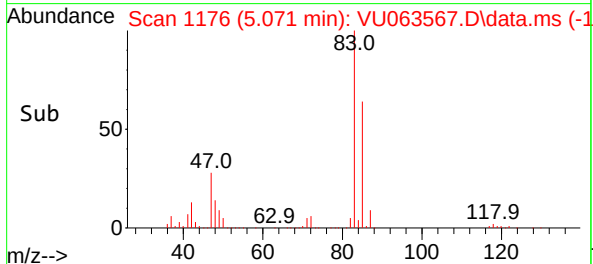
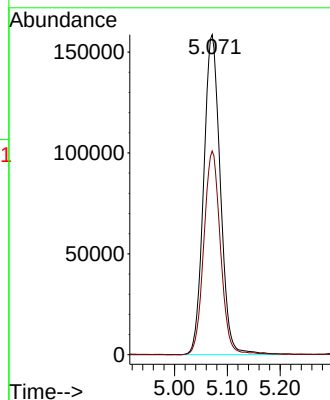
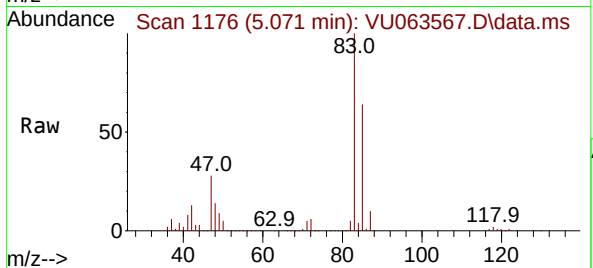
85 63.6 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#28

1,1,1-Trichloroethane

Concen: 15.589 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

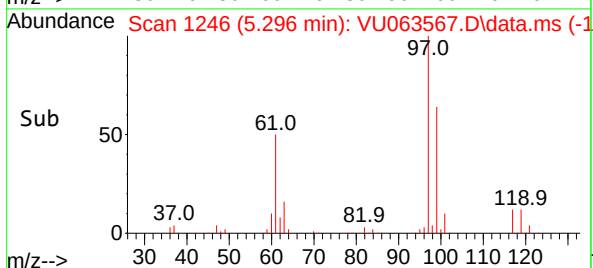
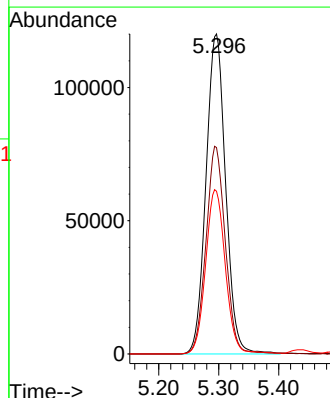
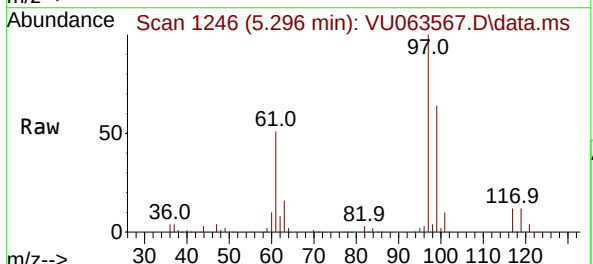
Tgt Ion: 97 Resp: 273749

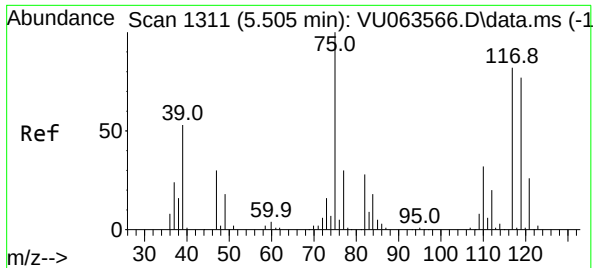
Ion Ratio Lower Upper

97 100

99 64.0 32.4 97.0

61 51.7 25.1 75.4





#29

1,1-Dichloropropene

Concen: 16.030 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 244569

Ion Ratio Lower Upper

75 100

110 31.7 16.4 49.4

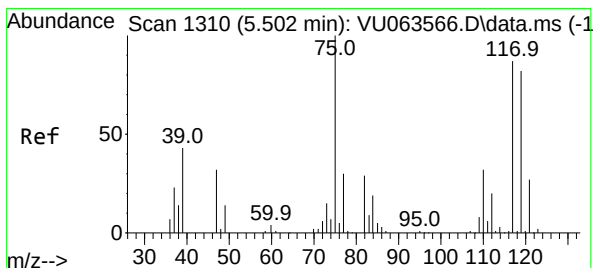
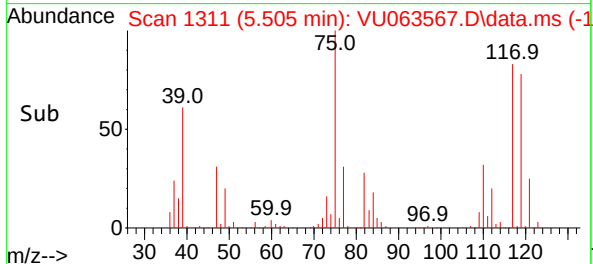
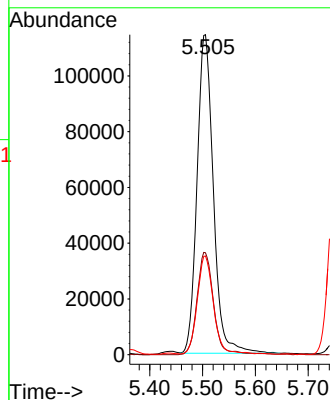
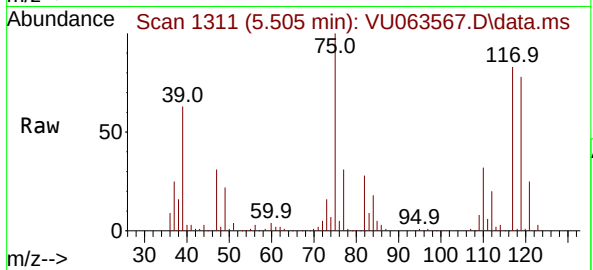
77 29.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#30

Carbon Tetrachloride

Concen: 16.145 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

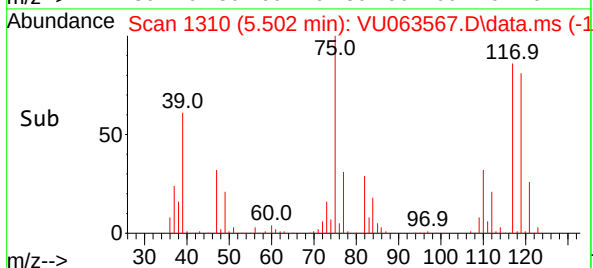
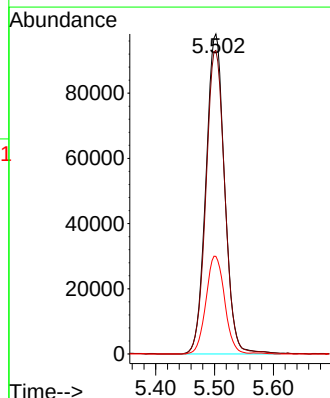
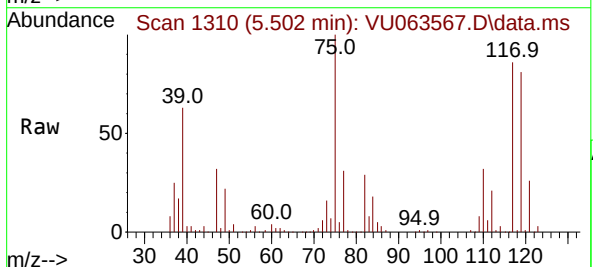
Tgt Ion:117 Resp: 216434

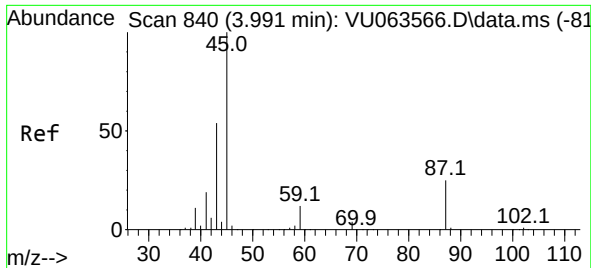
Ion Ratio Lower Upper

117 100

119 94.9 75.7 113.5

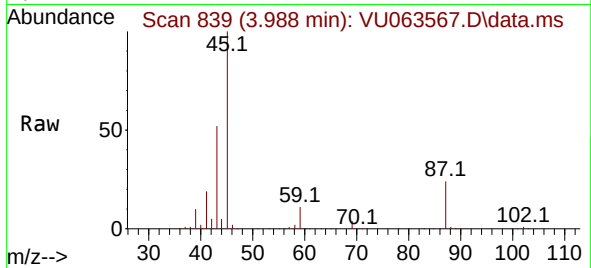
121 30.5 25.4 38.0





#31
Isopropyl Ether
Concen: 18.594 ug/l
RT: 3.988 min Scan# 840
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

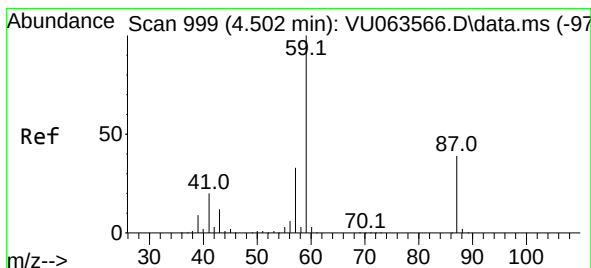
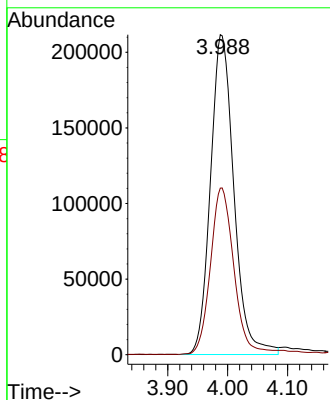
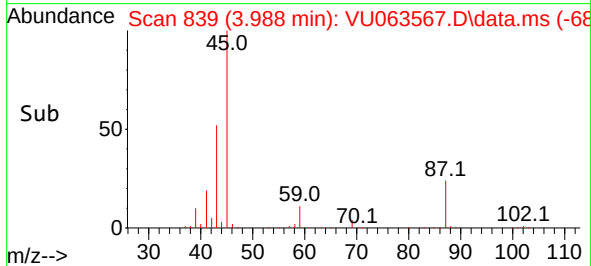
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 45 Resp: 57393
Ion Ratio Lower Upper
45 100
43 51.9 26.2 78.6

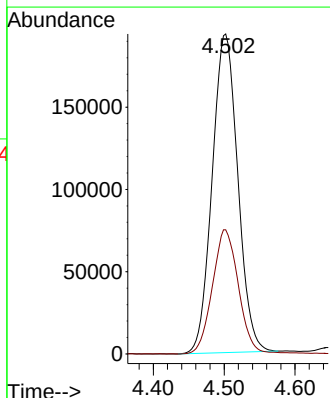
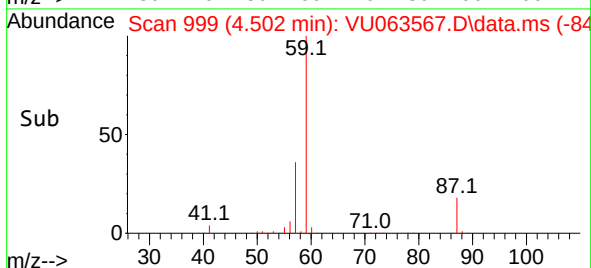
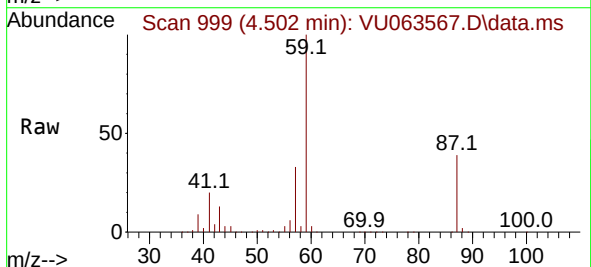
Manual Integrations
APPROVED

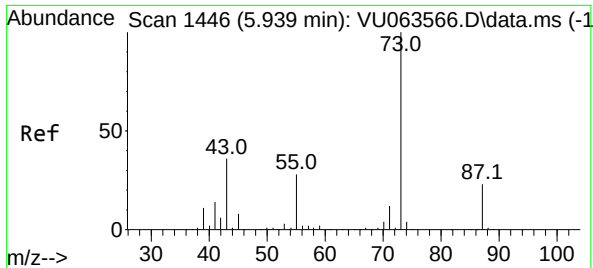
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#32
Ethyl-t-butyl ether
Concen: 16.831 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 59 Resp: 486793
Ion Ratio Lower Upper
59 100
87 39.5 31.2 46.8





#33
Tert-Amyl methyl ether
Concen: 16.039 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

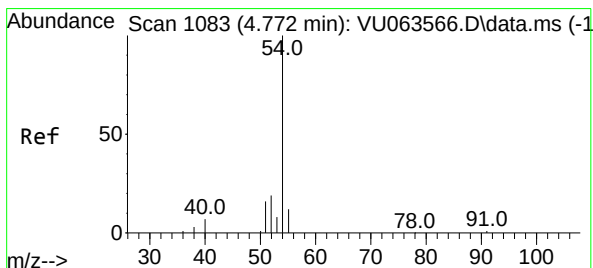
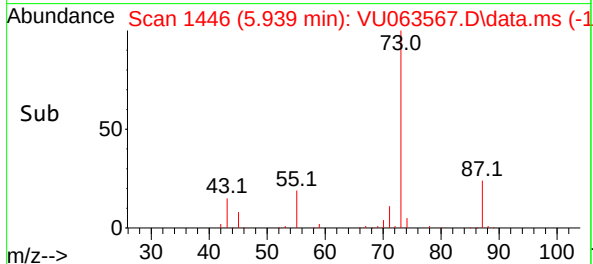
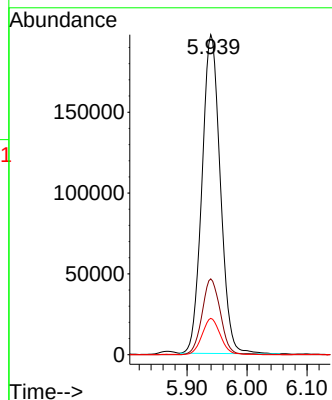
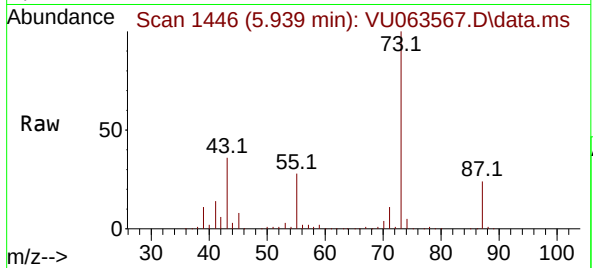
VSTDICC015

Tgt Ion: 73 Resp: 419058
Ion Ratio Lower Upper
73 100
87 23.3 19.0 28.6
71 11.1 9.4 14.2

Manual Integrations

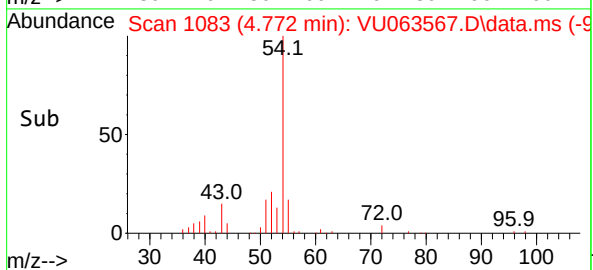
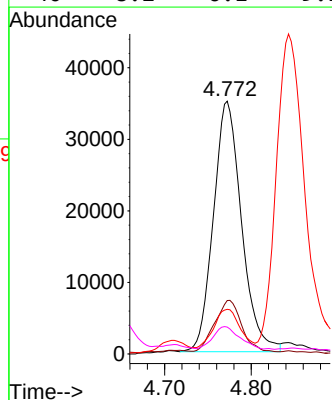
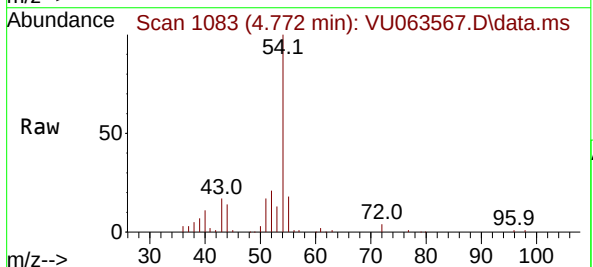
APPROVED

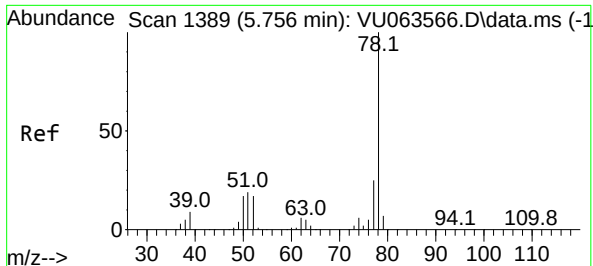
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#34
Propionitrile
Concen: 83.938 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 54 Resp: 79070
Ion Ratio Lower Upper
54 100
52 19.3 15.2 22.8
55 16.0 11.7 17.5
40 8.2 6.1 9.1





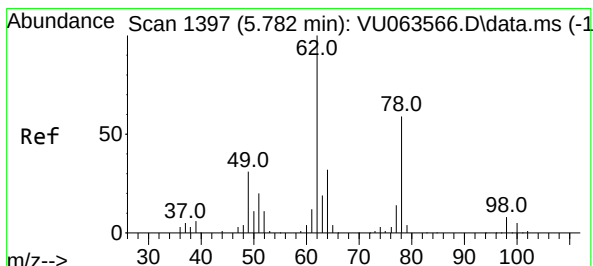
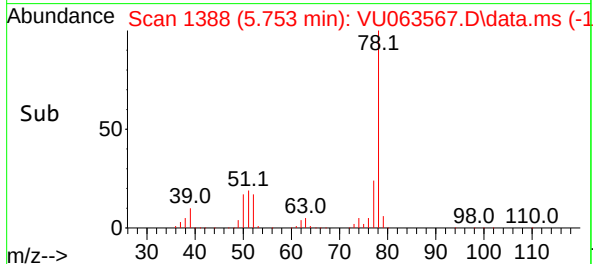
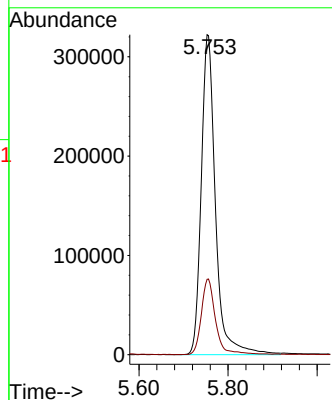
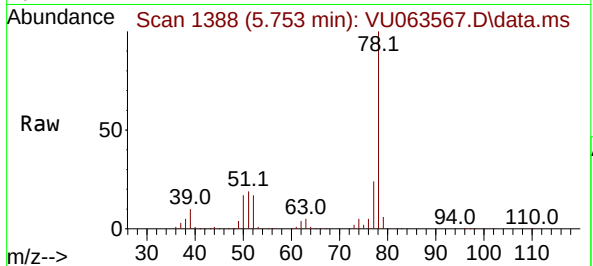
#35
Benzene
Concen: 15.898 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 71341
Ion Ratio Lower Upper
78 100
77 23.5 19.8 29.8

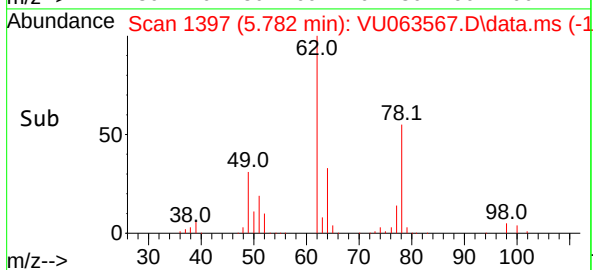
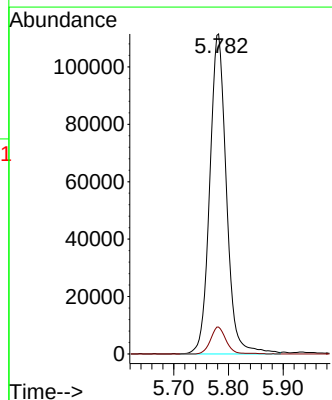
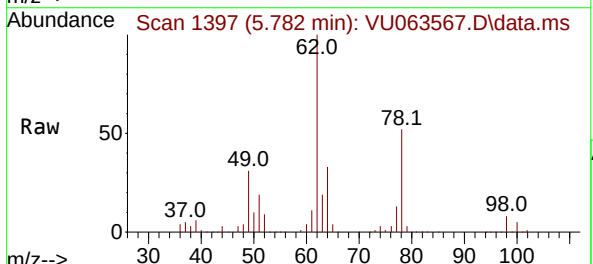
Manual Integrations
APPROVED

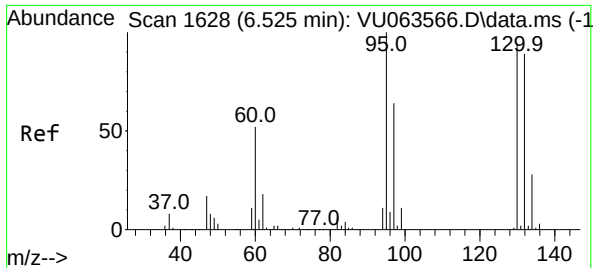
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#36
1,2-Dichloroethane
Concen: 16.255 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

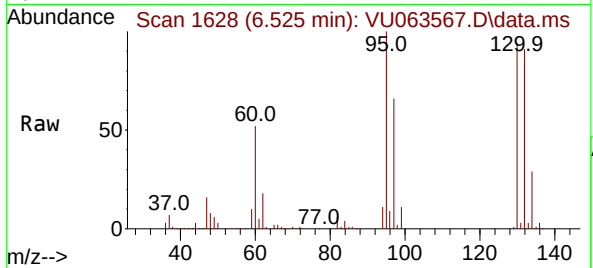
Tgt Ion: 62 Resp: 236455
Ion Ratio Lower Upper
62 100
98 7.7 6.3 9.5





#37
Trichloroethene
Concen: 15.252 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

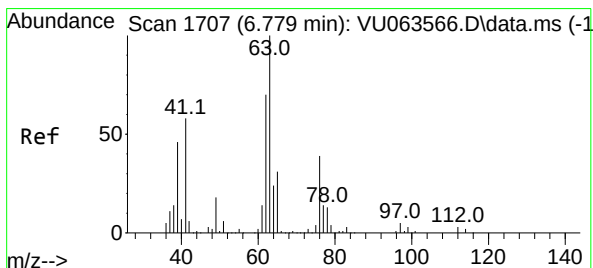
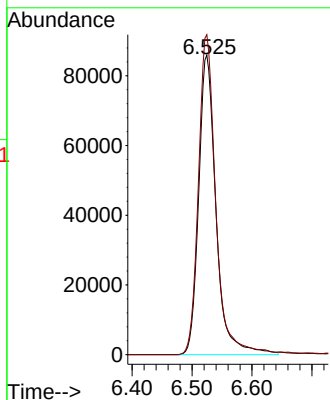
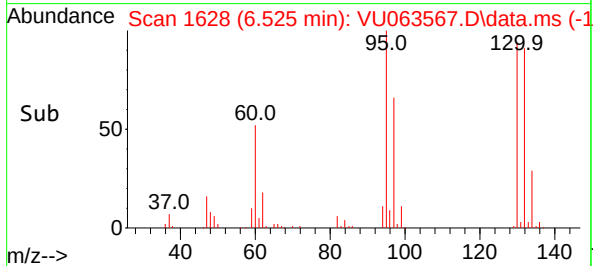
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



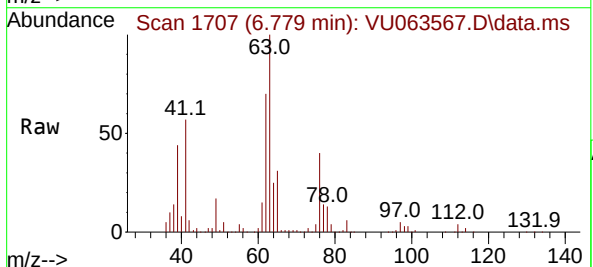
Tgt Ion:130 Resp: 173440
Ion Ratio Lower Upper
130 100
95 106.9 85.4 128.2

Manual Integrations
APPROVED

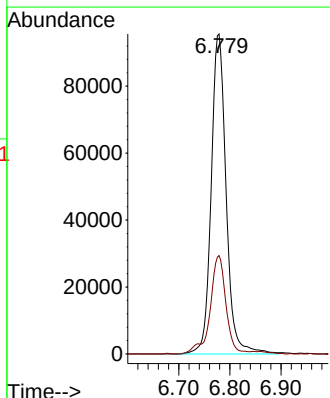
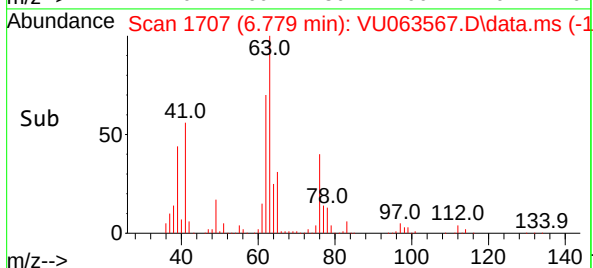
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

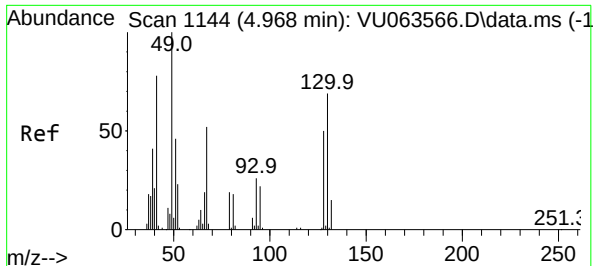


#38
1,2-Dichloropropane
Concen: 18.541 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion: 63 Resp: 194330
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3





#39

Methacrylonitrile

Concen: 18.494 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU063567.D

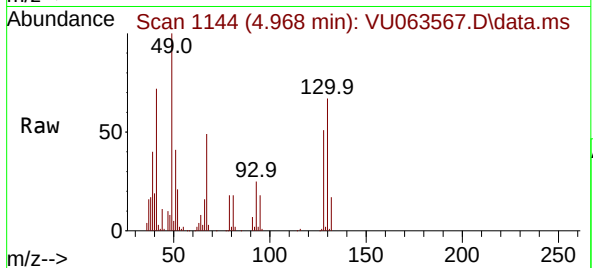
Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 41 Resp: 73998

Ion Ratio Lower Upper

41 100

67 69.8 57.7 86.5

39 53.8 44.6 67.0

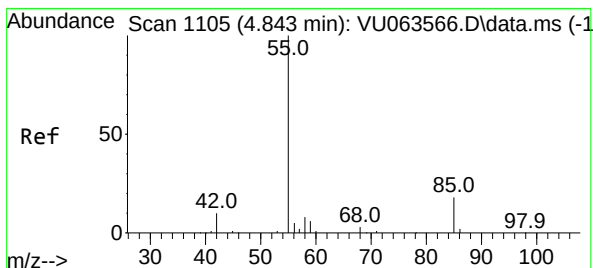
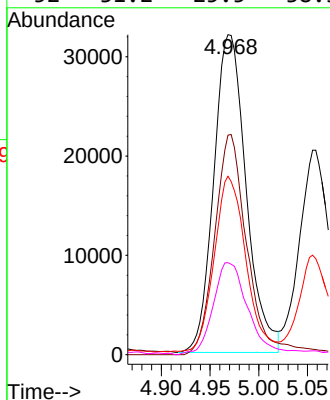
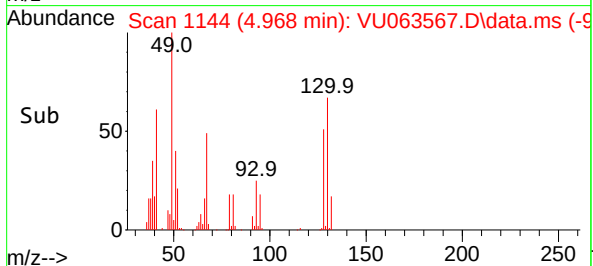
52 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#40

Methyl acrylate

Concen: 16.629 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Tgt Ion: 55 Resp: 101751

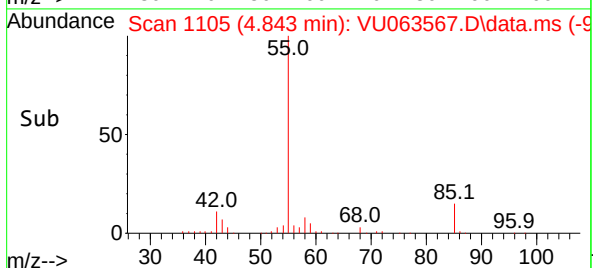
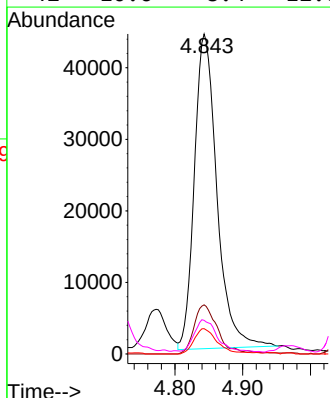
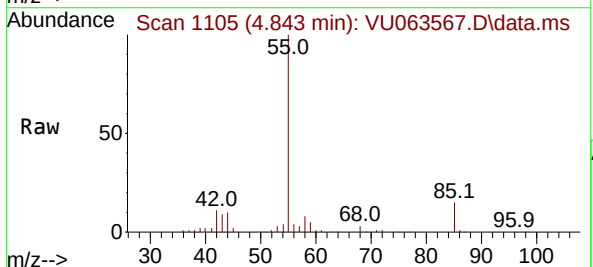
Ion Ratio Lower Upper

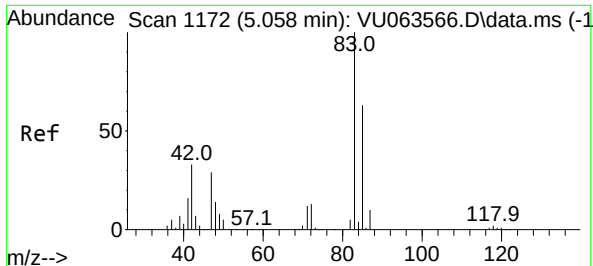
55 100

85 15.8 12.8 19.2

58 8.4 6.6 10.0

42 10.6 8.4 12.6





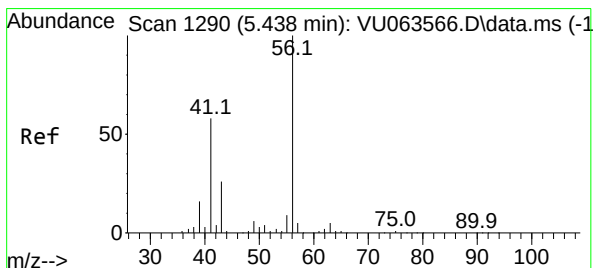
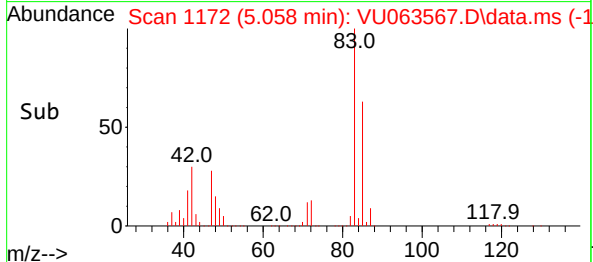
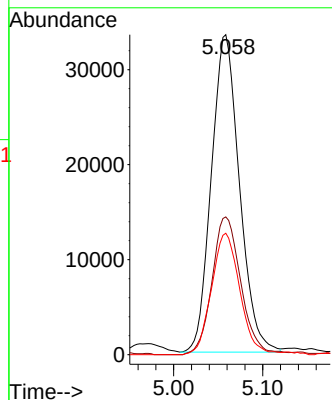
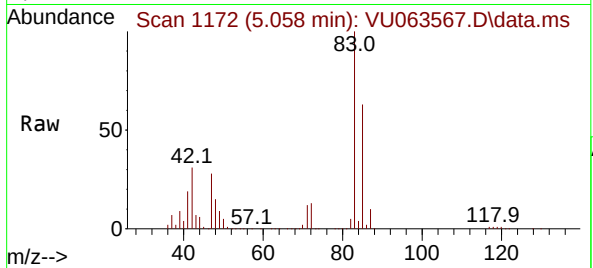
#41
Tetrahydrofuran
Concen: 34.051 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 42 Resp: 73250
Ion Ratio Lower Upper
42 100
72 44.6 34.1 51.1
71 38.5 29.9 44.9

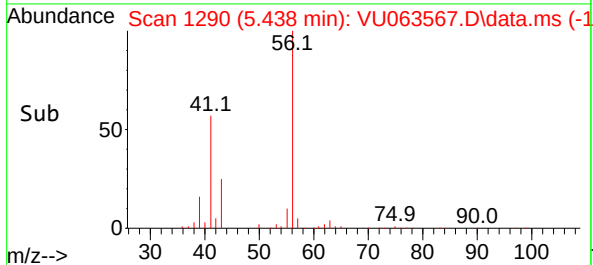
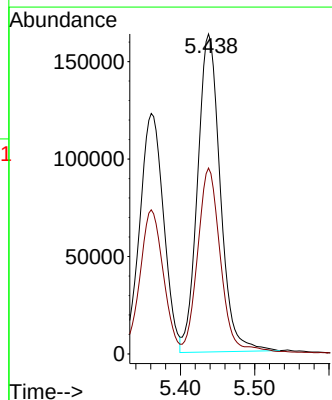
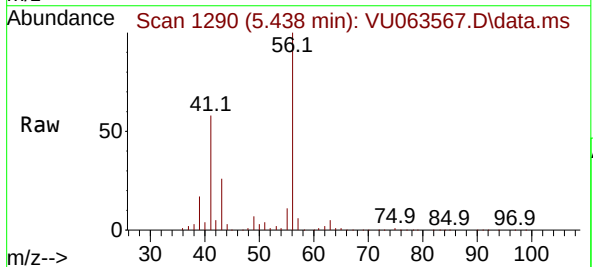
Manual Integrations
APPROVED

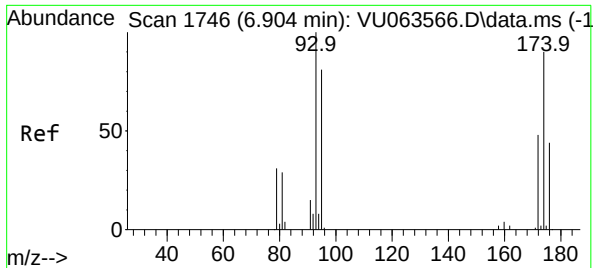
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#42
1-Chlorobutane
Concen: 17.691 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

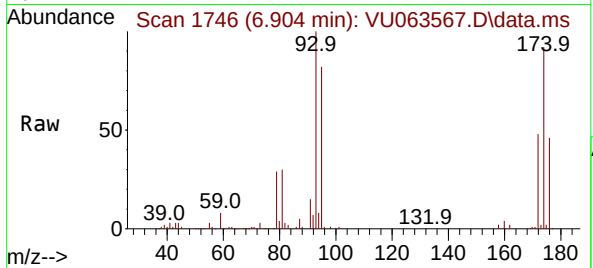
Tgt Ion: 56 Resp: 346886
Ion Ratio Lower Upper
56 100
41 59.2 28.3 84.9





#43
Dibromomethane
Concen: 16.937 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

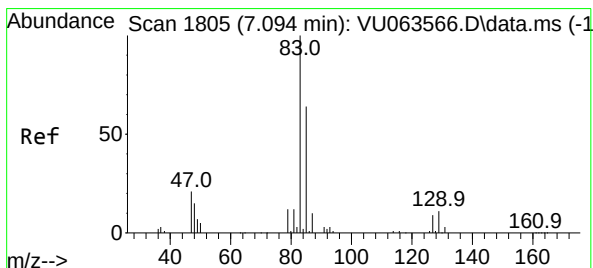
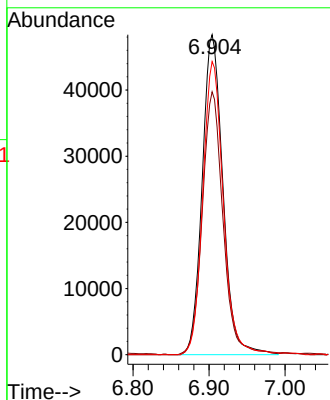
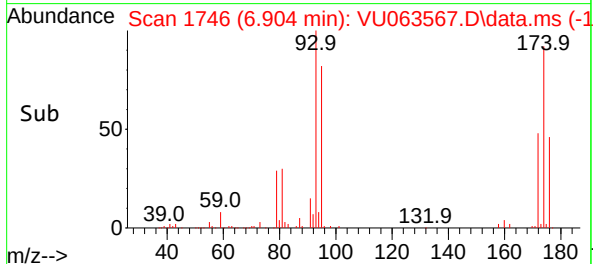
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



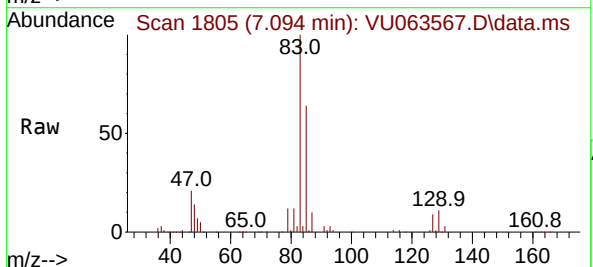
Tgt Ion: 93 Resp: 9160
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 91.0 72.7 109.1

Manual Integrations
APPROVED

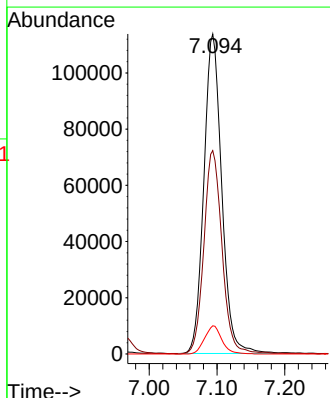
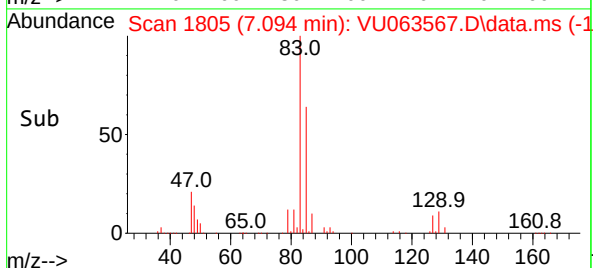
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

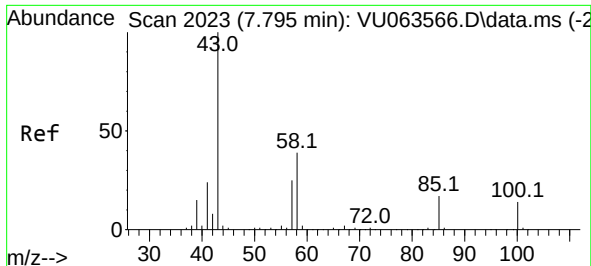


#44
Bromodichloromethane
Concen: 18.170 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion: 83 Resp: 208453
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8
127 8.8 6.9 10.3





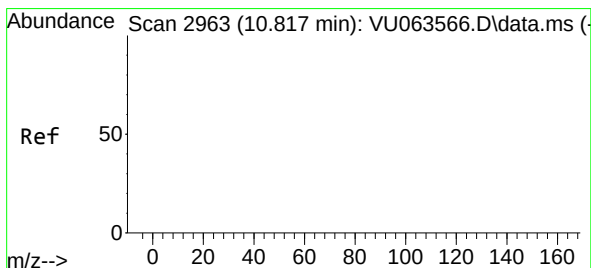
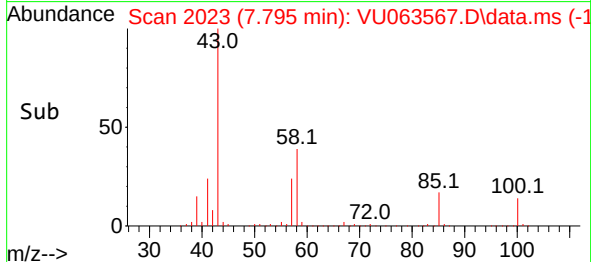
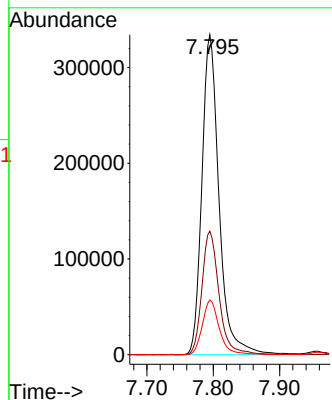
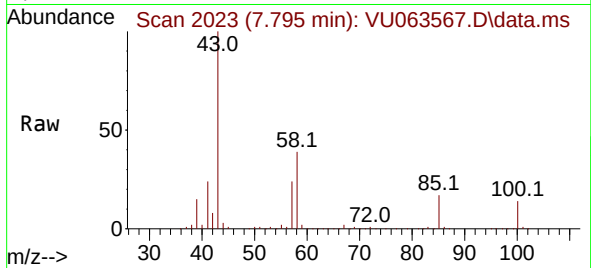
#45
4-Methyl-2-Pentanone
Concen: 112.677 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 599074
Ion Ratio Lower Upper
43 100
58 38.6 18.9 56.9
85 16.9 13.3 19.9

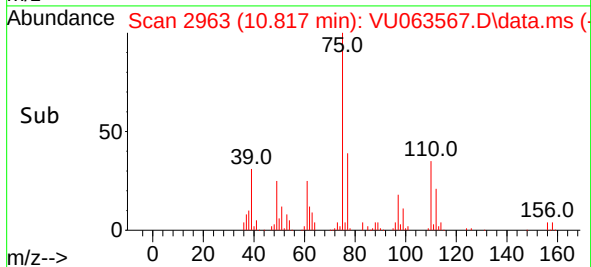
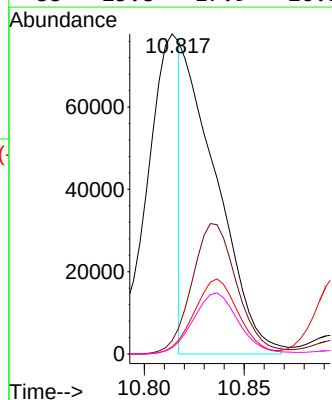
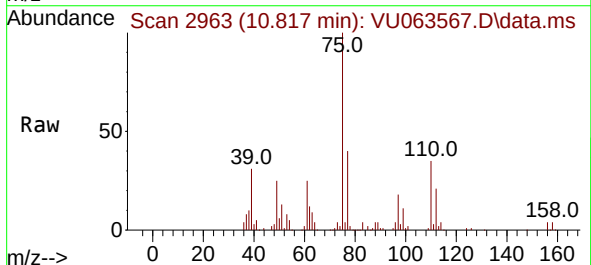
Manual Integrations
APPROVED

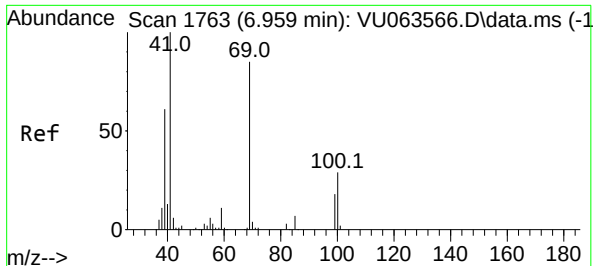
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#46
t-1,4-Dichloro-2-butene
Concen: 37.626 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

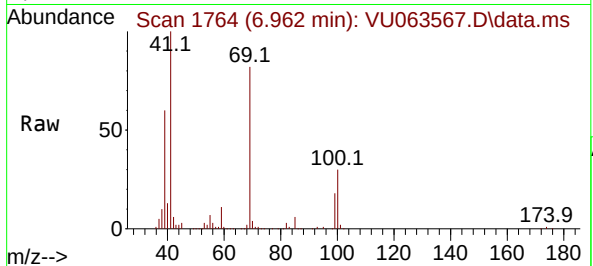
Tgt Ion: 75 Resp: 91600
Ion Ratio Lower Upper
75 100
53 54.6 43.2 64.8
89 30.7 21.9 32.9
88 25.8 17.9 26.9





#47
Methyl methacrylate
Concen: 35.698 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

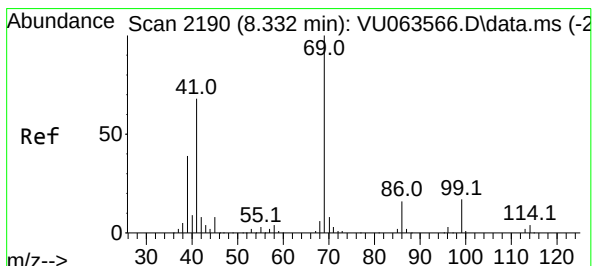
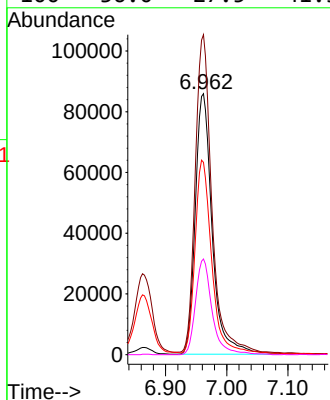
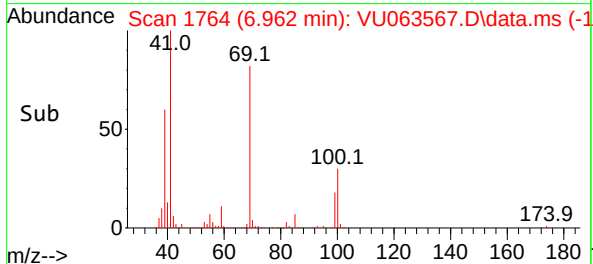
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 69 Resp: 165385
Ion Ratio Lower Upper
69 100
41 120.4 0.0 236.8
39 72.9 57.8 86.6
100 36.0 27.5 41.3

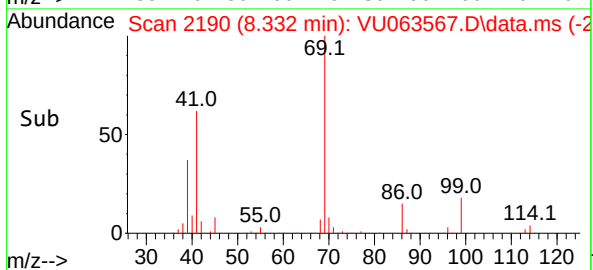
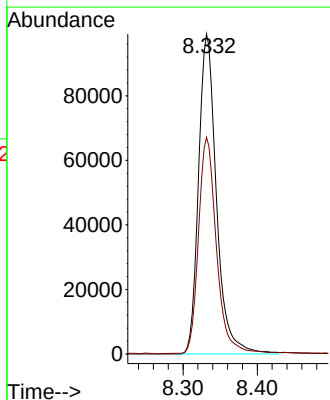
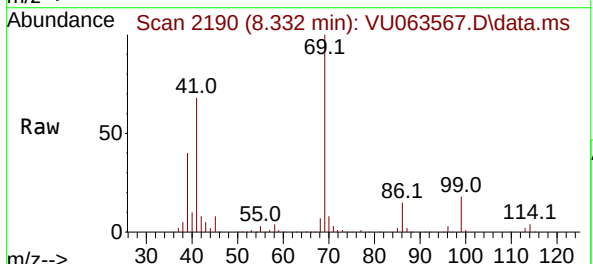
Manual Integrations
APPROVED

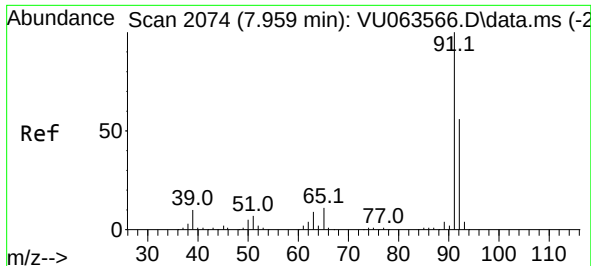
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#48
Ethyl methacrylate
Concen: 21.289 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

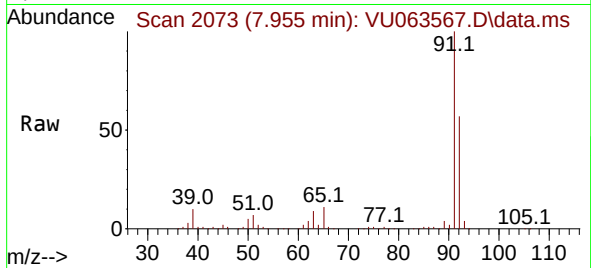
Tgt Ion: 69 Resp: 165855
Ion Ratio Lower Upper
69 100
41 68.2 33.7 101.1





#49
Toluene
Concen: 19.750 ug/l
RT: 7.955 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

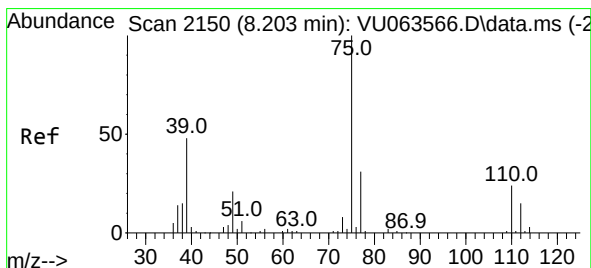
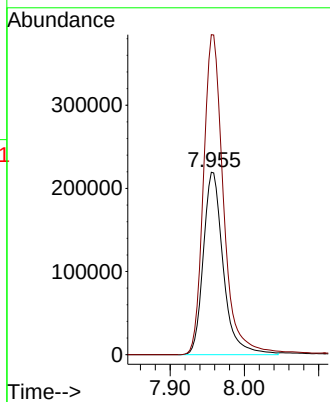
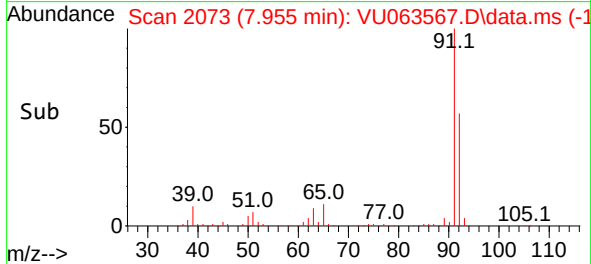
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 40909
Ion Ratio Lower Upper
92 100
91 177.7 139.4 209.2

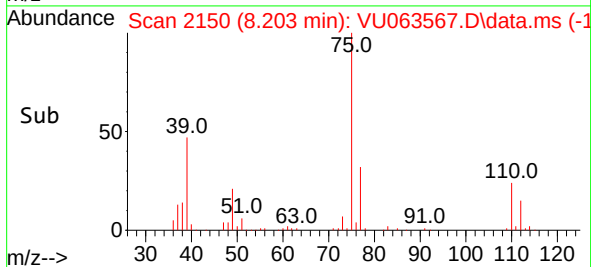
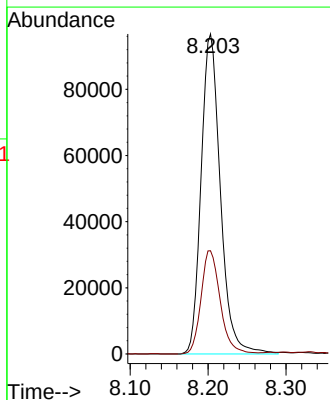
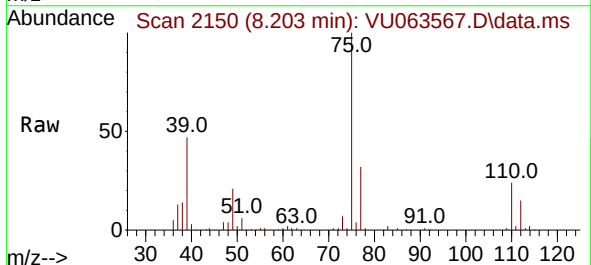
Manual Integrations
APPROVED

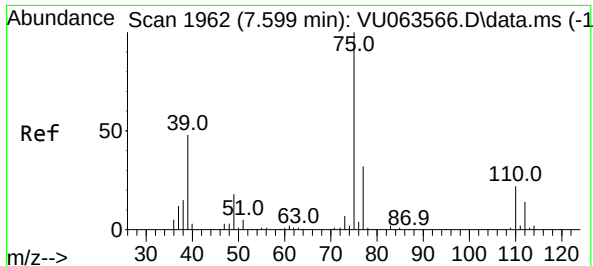
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#50
t-1,3-Dichloropropene
Concen: 20.674 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Tgt Ion: 75 Resp: 166321
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 20.927 ug/l

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 218724

Ion Ratio Lower Upper

75 100

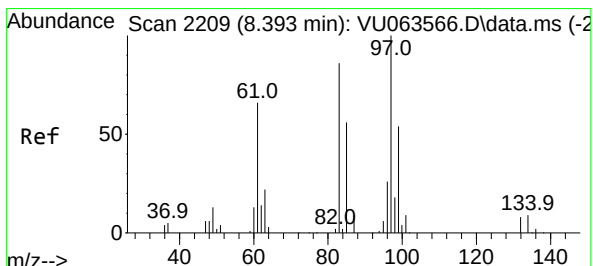
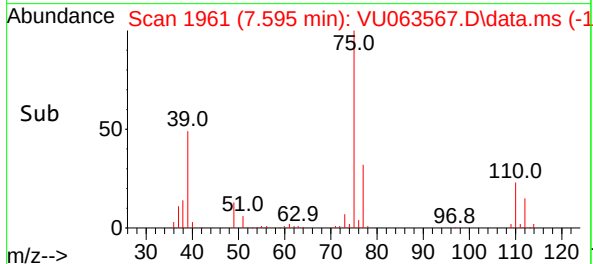
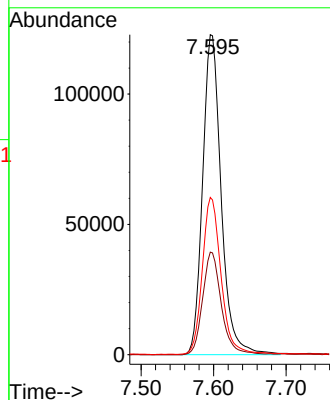
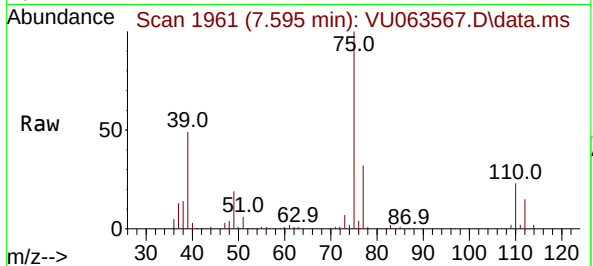
77 32.0 25.2 37.8

39 49.0 38.8 58.2

Manual Integrations

APPROVED

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



#52

1,1,2-Trichloroethane

Concen: 18.675 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Tgt Ion: 97 Resp: 132854

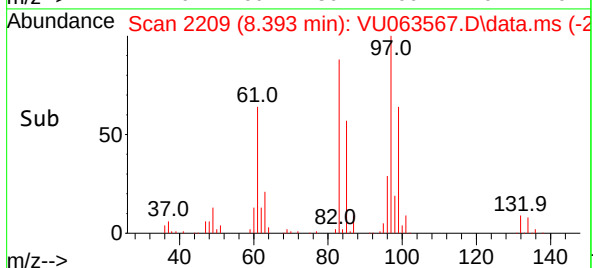
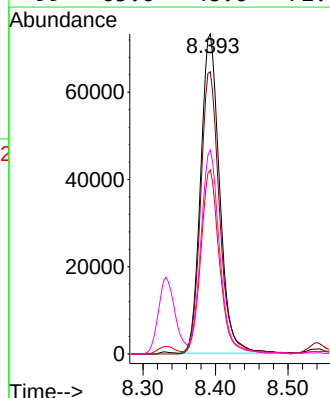
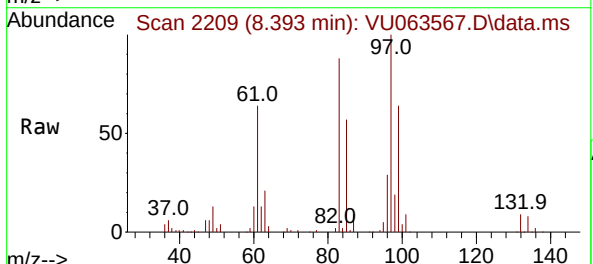
Ion Ratio Lower Upper

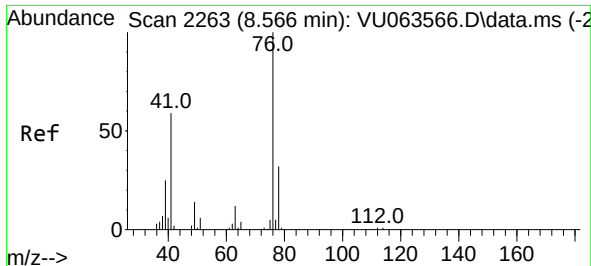
97 100

83 88.4 68.5 102.7

85 57.3 45.0 67.6

99 63.6 48.6 72.8





#53

1,3-Dichloropropane

Concen: 19.515 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 228930

Ion Ratio Lower Upper

76 100

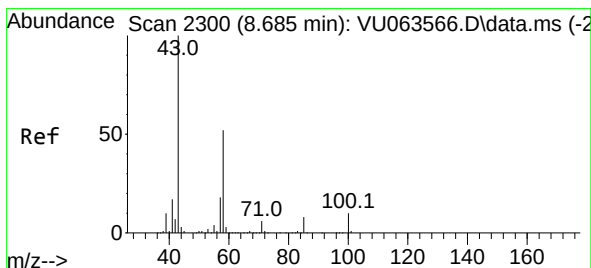
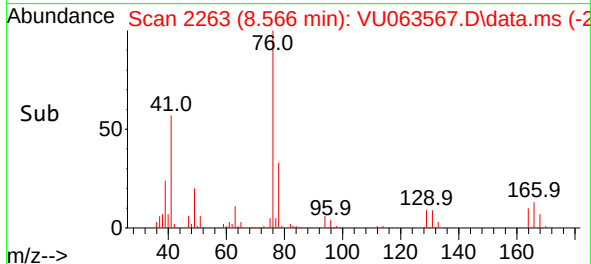
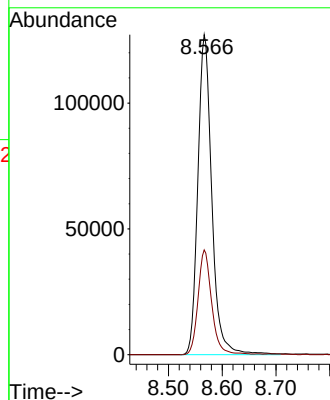
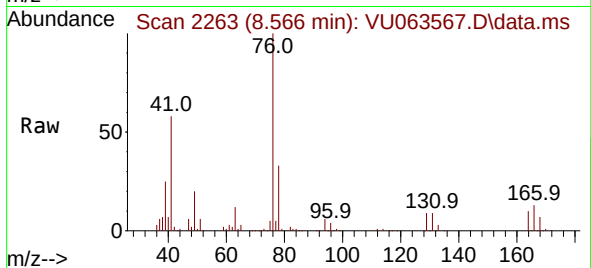
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#54

2-Hexanone

Concen: 113.513 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

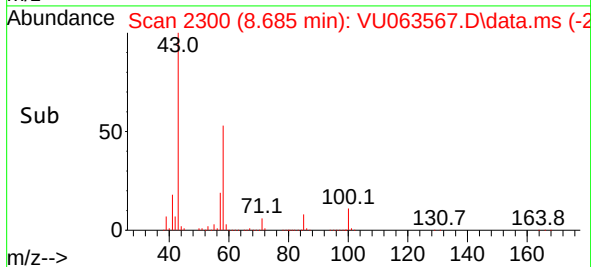
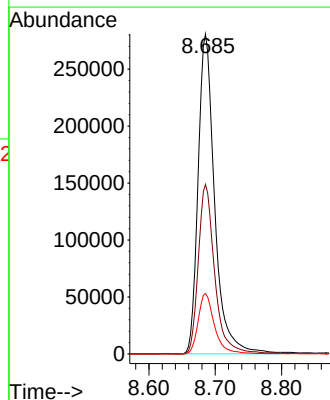
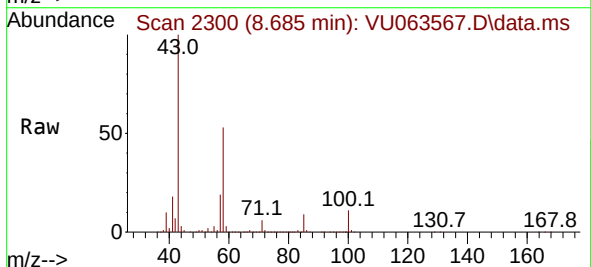
Tgt Ion: 43 Resp: 487280

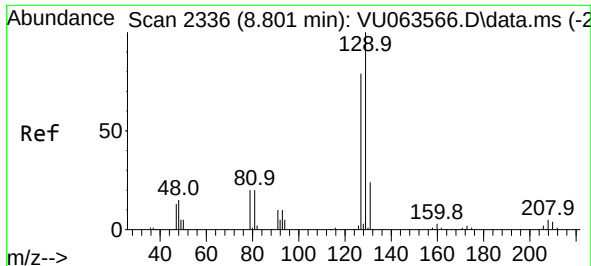
Ion Ratio Lower Upper

43 100

58 52.3 32.7 72.7

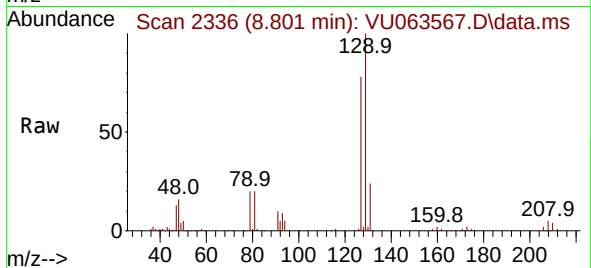
57 18.7 0.0 38.2





#55
Dibromochloromethane
Concen: 20.613 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

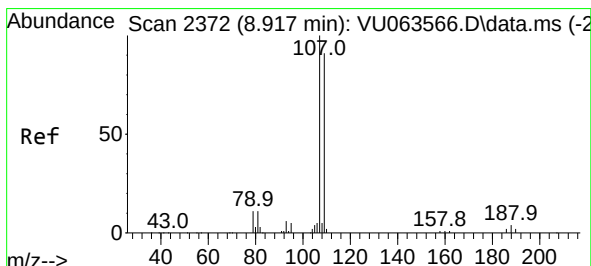
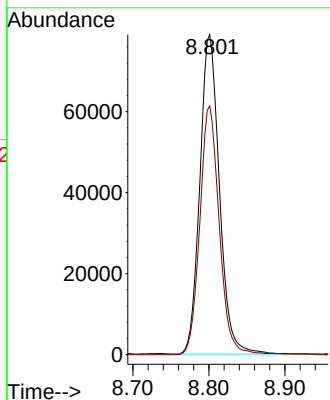
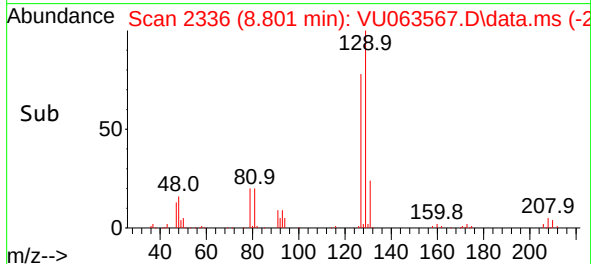
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



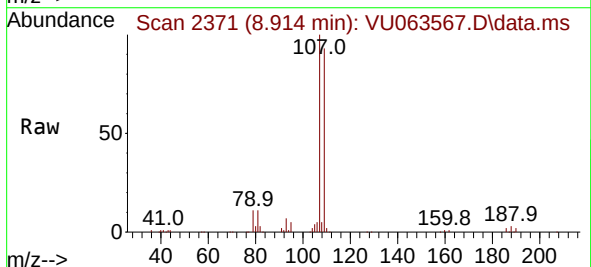
Tgt Ion:129 Resp: 140763
Ion Ratio Lower Upper
129 100
127 77.3 61.9 92.9

Manual Integrations
APPROVED

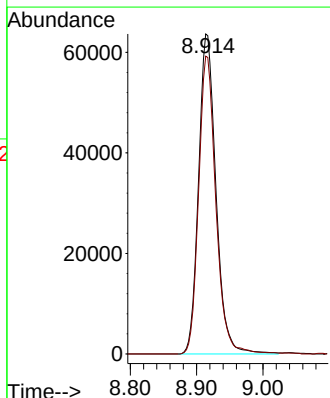
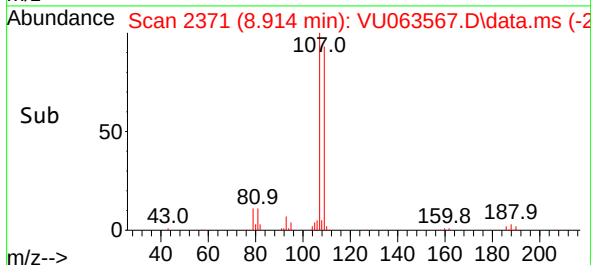
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

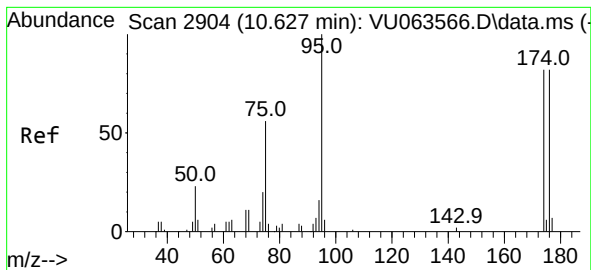


#56
1,2-Dibromoethane
Concen: 19.249 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



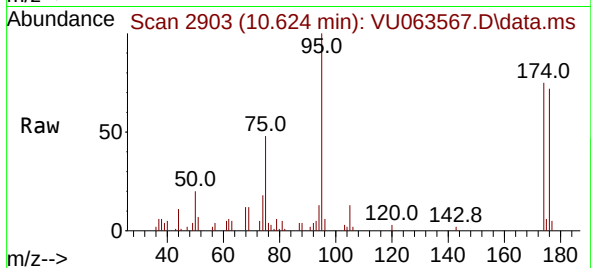
Tgt Ion:107 Resp: 116008
Ion Ratio Lower Upper
107 100
109 92.4 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 1.227 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

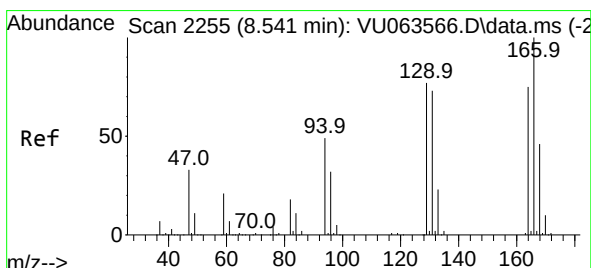
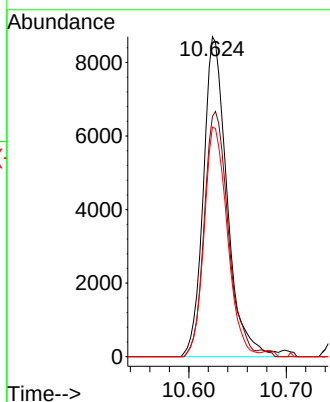
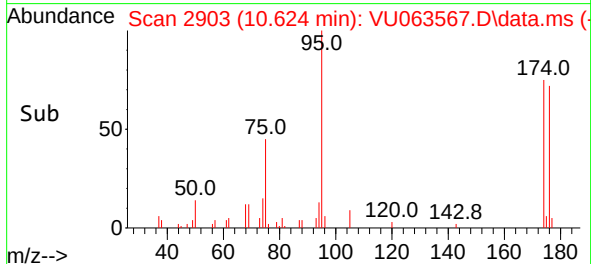
Instrument : MSVOA_U
ClientSampleId : VSTDIC015



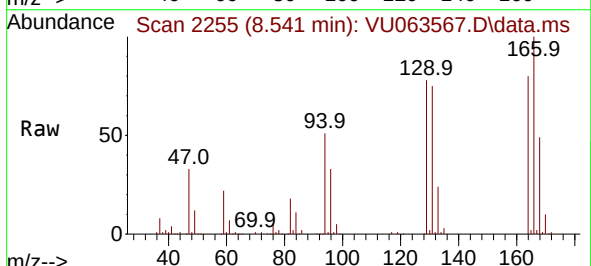
Tgt Ion: 95 Resp: 14720
Ion Ratio Lower Upper
95 100
174 77.3 64.7 97.1
176 70.6 66.2 99.4

Manual Integrations
APPROVED

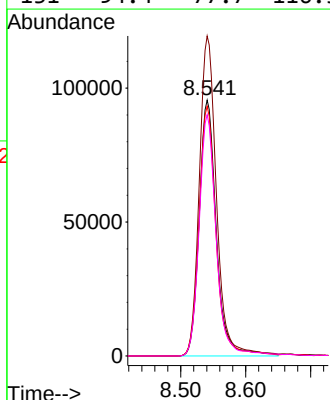
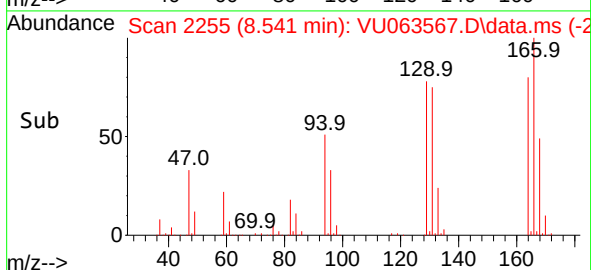
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

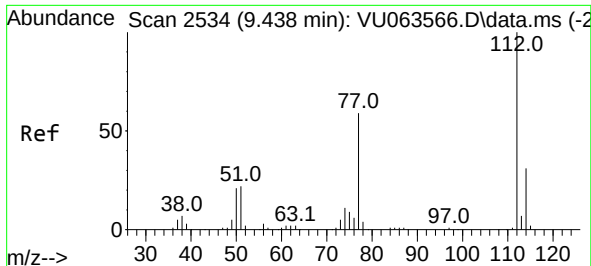


#58
Tetrachloroethene
Concen: 19.357 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:164 Resp: 175892
Ion Ratio Lower Upper
164 100
166 125.1 106.4 159.6
129 97.6 81.4 122.2
131 94.4 77.7 116.5





#59

Chlorobenzene

Concen: 19.293 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:112 Resp: 472240

Ion Ratio Lower Upper

112 100

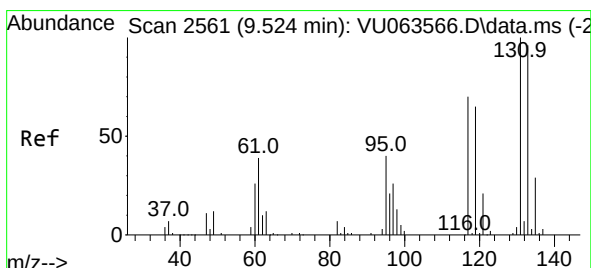
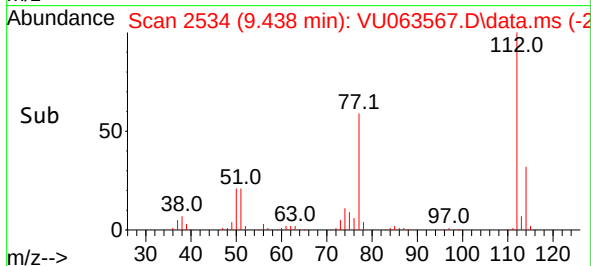
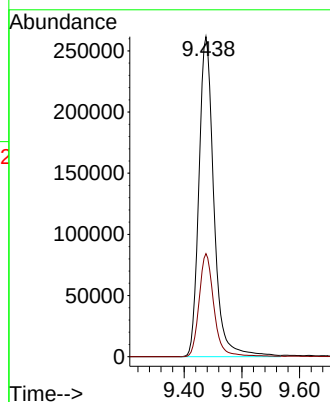
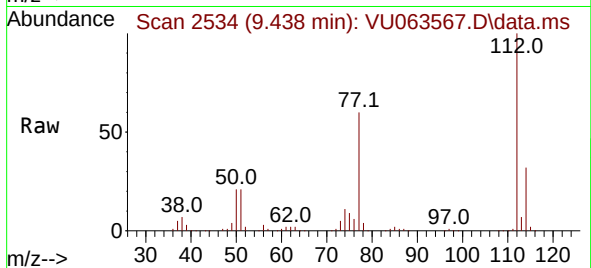
114 32.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 20.081 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

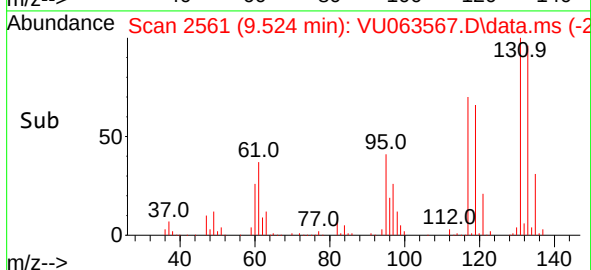
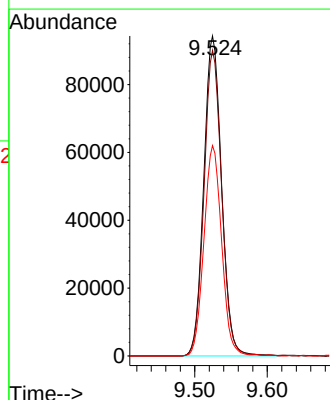
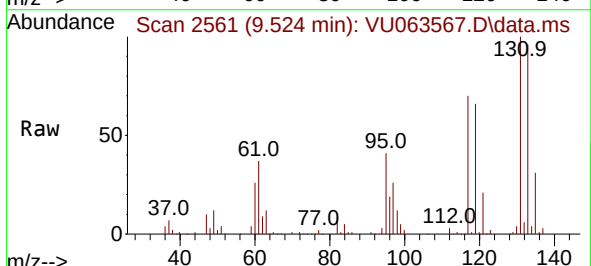
Tgt Ion:131 Resp: 161187

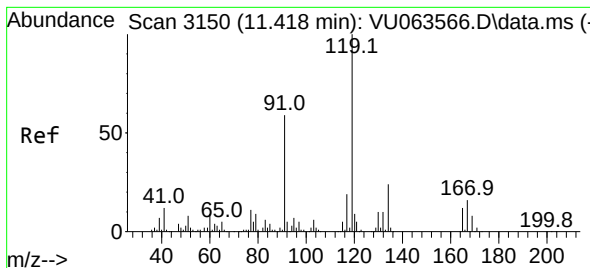
Ion Ratio Lower Upper

131 100

133 94.8 75.8 113.8

119 65.1 51.8 77.6





#61

Pentachloroethane

Concen: 19.735 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:117 Resp: 120090

Ion Ratio Lower Upper

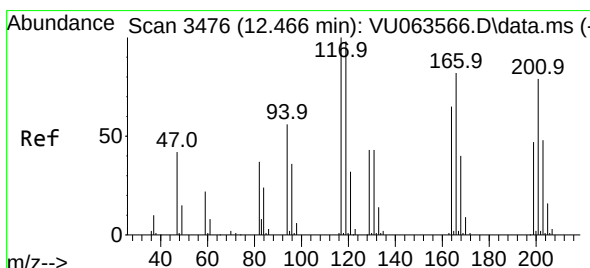
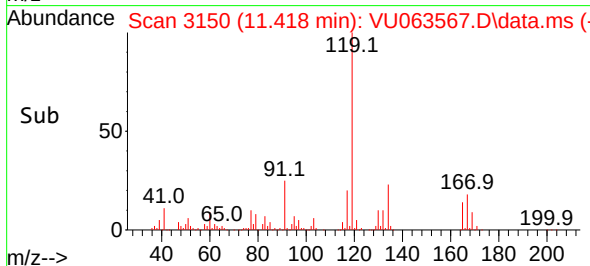
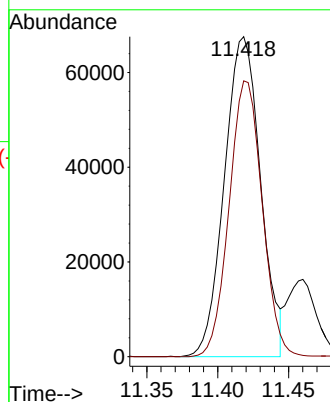
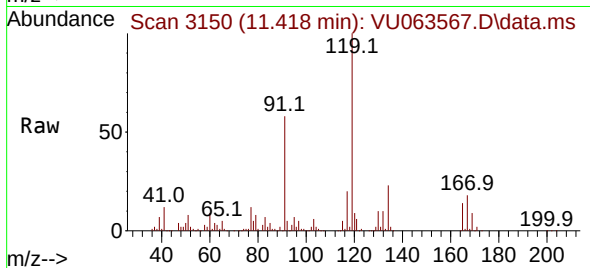
117 100

167 78.9 62.6 93.8

Manual Integrations

APPROVED

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



#62

Hexachloroethane

Concen: 21.070 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU063567.D

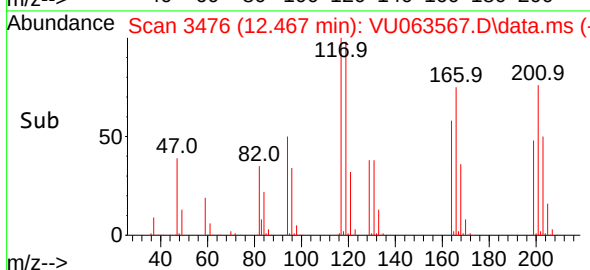
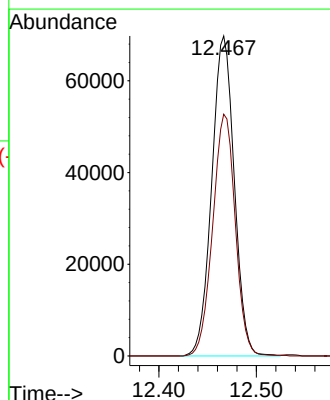
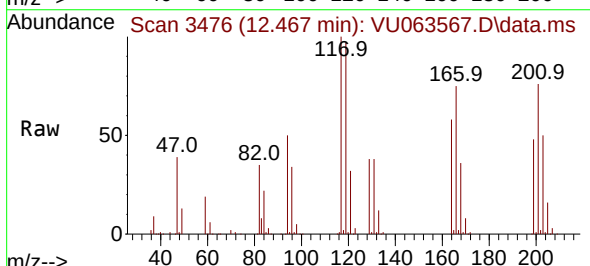
Acq: 12 Sep 2025 12:08

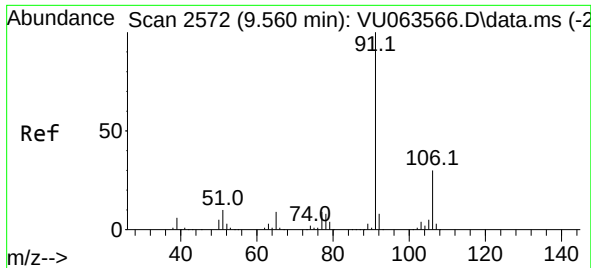
Tgt Ion:117 Resp: 112075

Ion Ratio Lower Upper

117 100

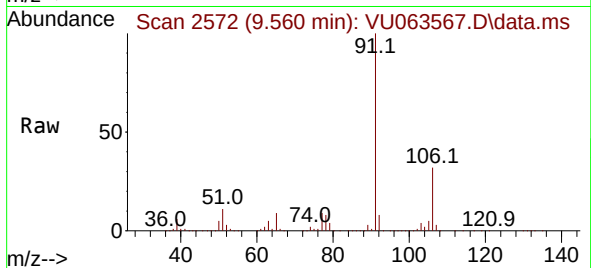
201 75.6 61.0 91.6





#63
Ethyl Benzene
Concen: 19.622 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

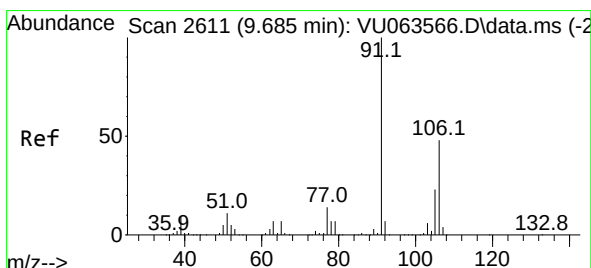
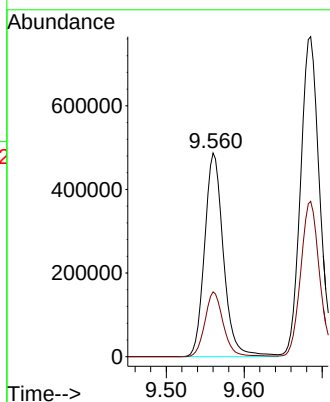
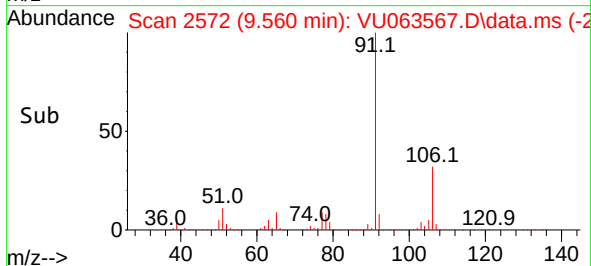
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



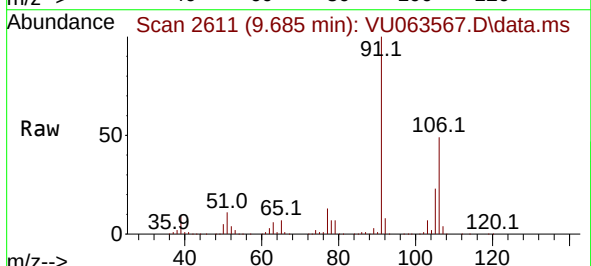
Tgt Ion: 91 Resp: 820356
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8

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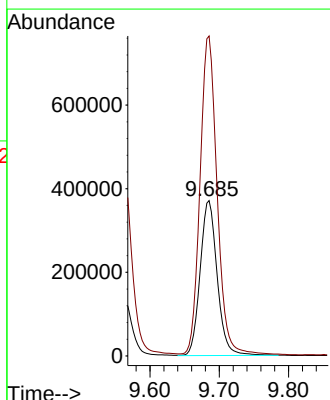
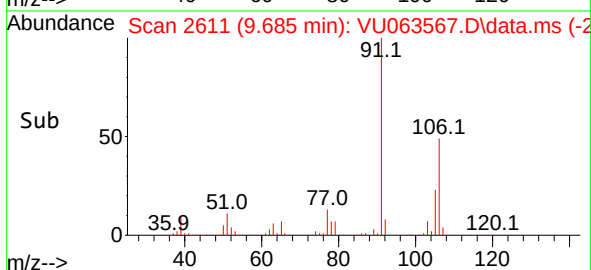
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

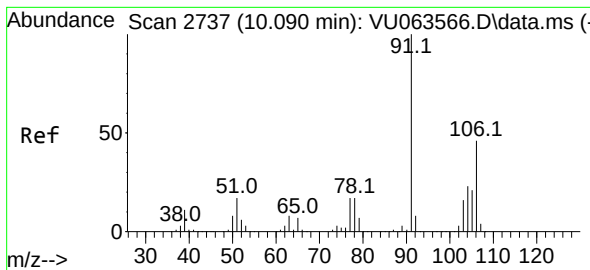


#64
m/p-Xylenes
Concen: 39.305 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:106 Resp: 632087
Ion Ratio Lower Upper
106 100
91 207.8 167.0 250.4





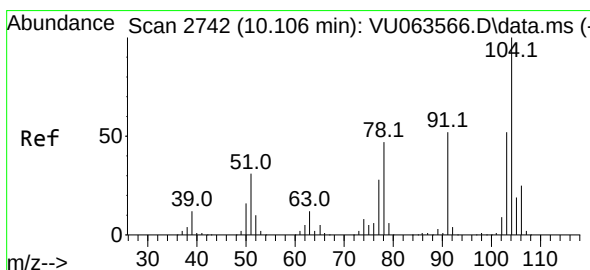
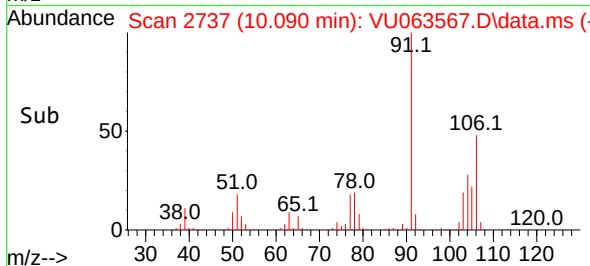
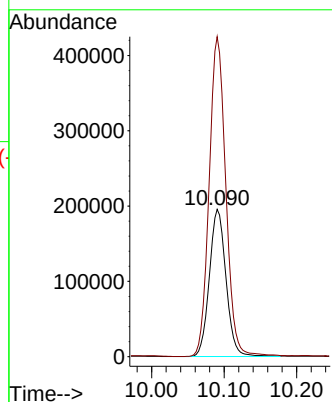
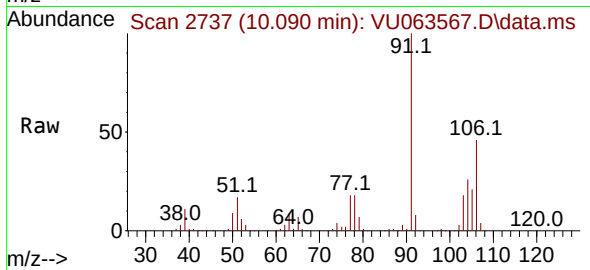
#65
o-Xylene
Concen: 19.574 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 312120
Ion Ratio Lower Upper
106 100
91 218.2 108.7 326.1

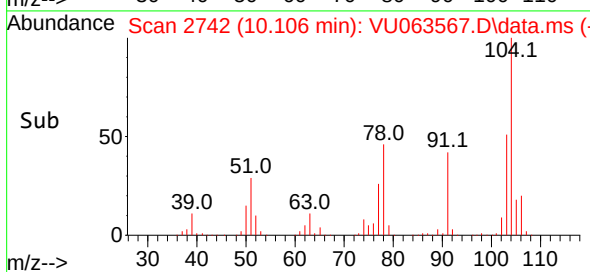
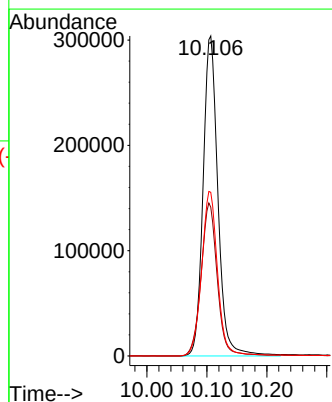
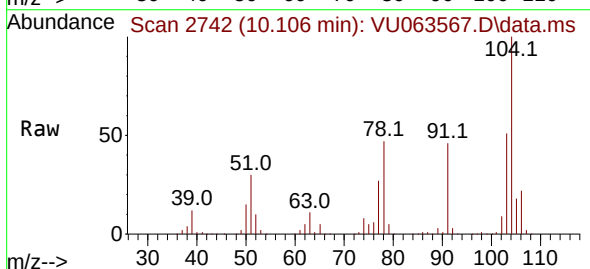
Manual Integrations
APPROVED

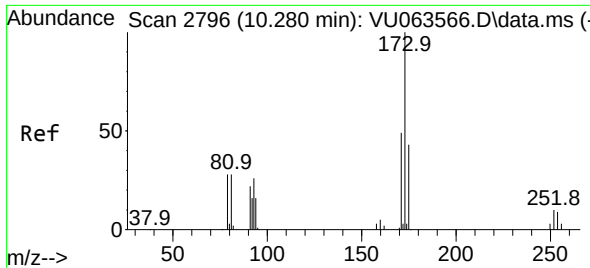
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#66
Styrene
Concen: 20.150 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

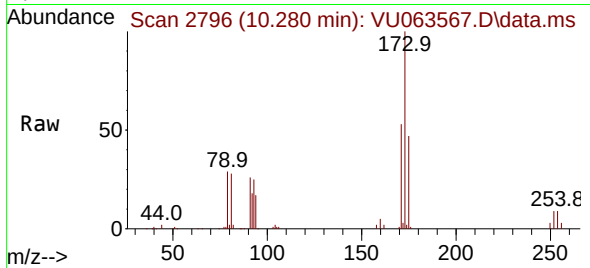
Tgt Ion:104 Resp: 524388
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.4 44.2 66.2





#67
Bromoform
Concen: 21.519 ug/l
RT: 10.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

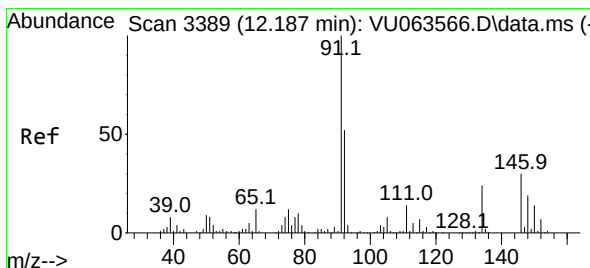
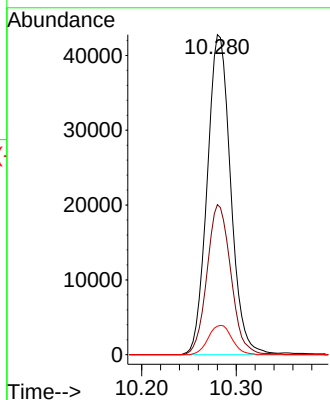
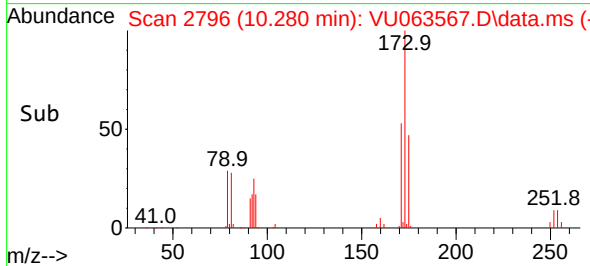
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



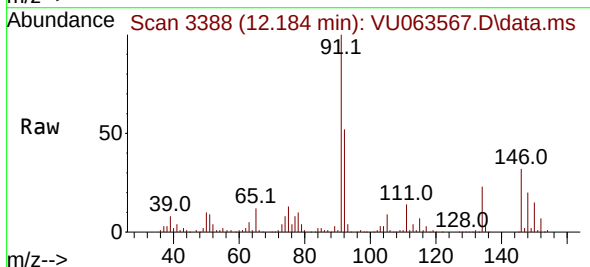
Tgt Ion:173 Resp: 73754
Ion Ratio Lower Upper
173 100
175 47.6 37.0 55.6
254 9.3 7.1 10.7

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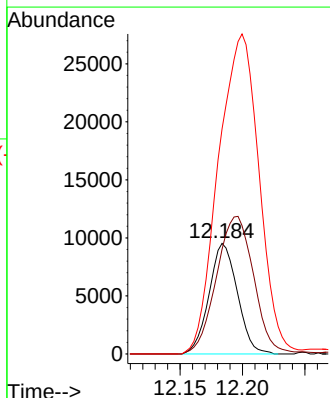
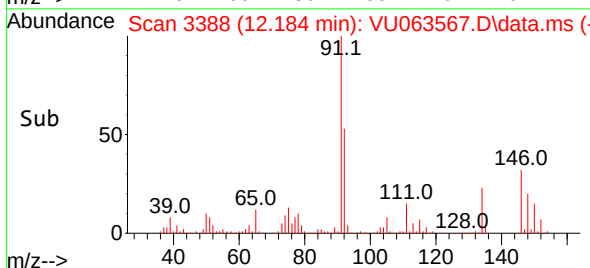
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

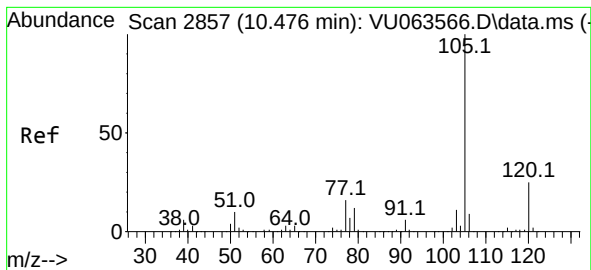


#68
1,2-Dichlorobenzene-d4
Concen: 1.284 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:152 Resp: 15083
Ion Ratio Lower Upper
152 100
115 164.2 0.0 260.6
150 414.9 0.0 661.8





#69

Isopropylbenzene

Concen: 19.590 ug/l

RT: 10.473 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 76655

Ion Ratio Lower Upper

105 100

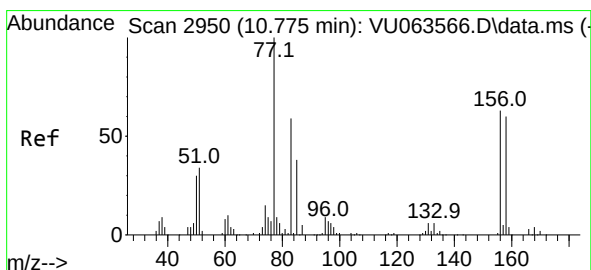
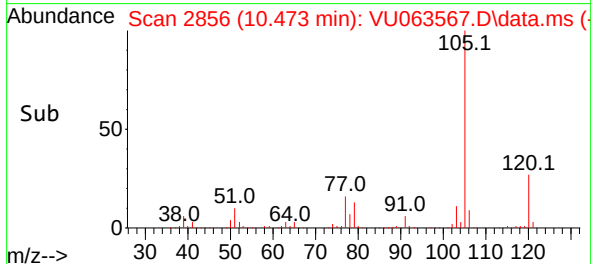
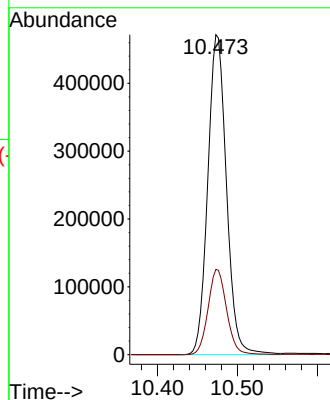
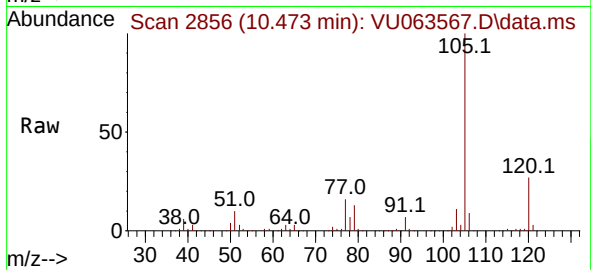
120 26.5 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 18.862 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

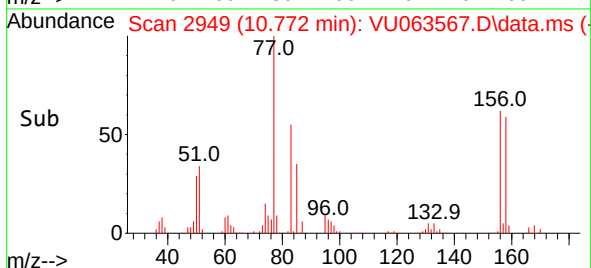
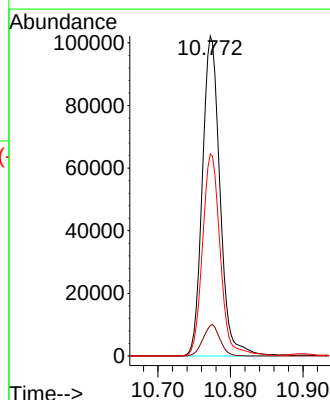
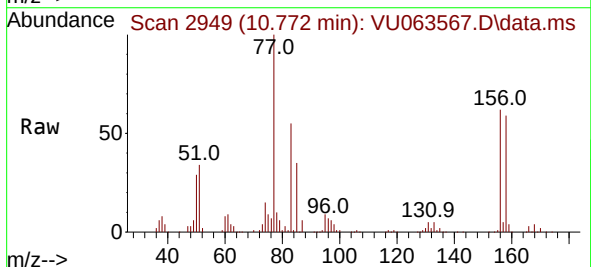
Tgt Ion: 83 Resp: 172913

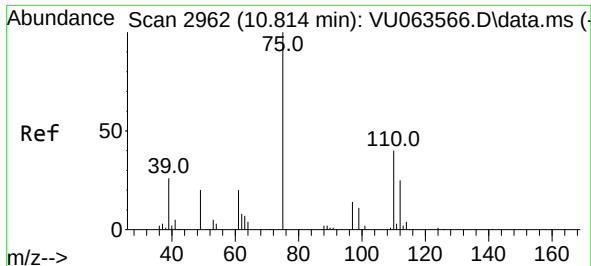
Ion Ratio Lower Upper

83 100

131 9.3 7.7 11.5

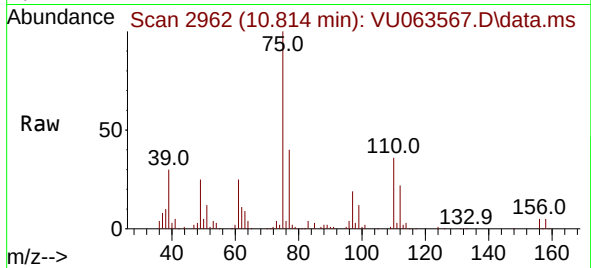
85 63.5 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 19.502 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

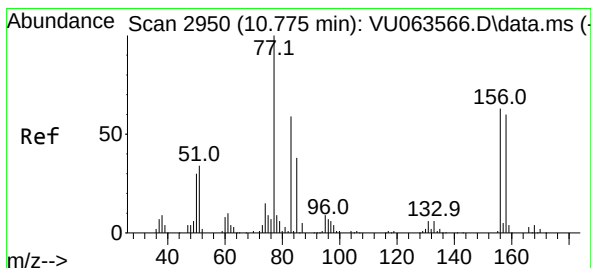
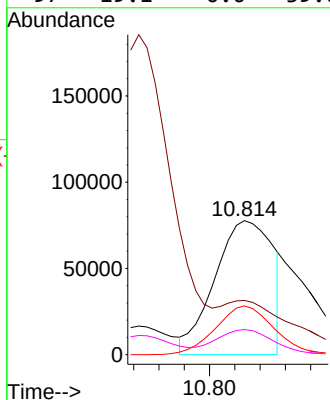
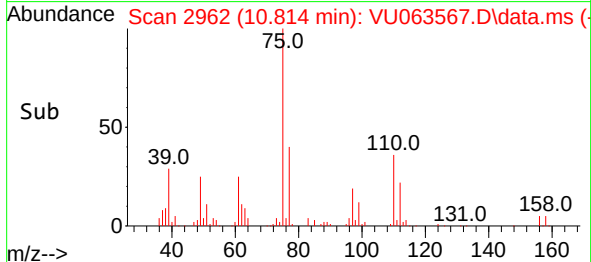
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



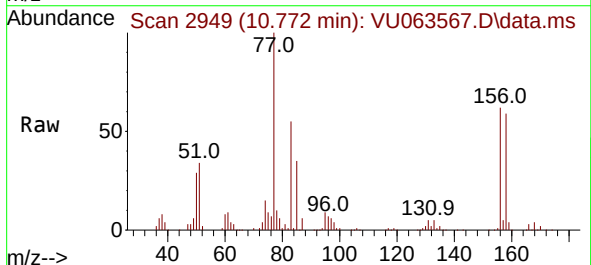
Tgt Ion: 75 Resp: 123974
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.9 0.0 77.6
97 19.1 0.0 39.6

Manual Integrations
APPROVED

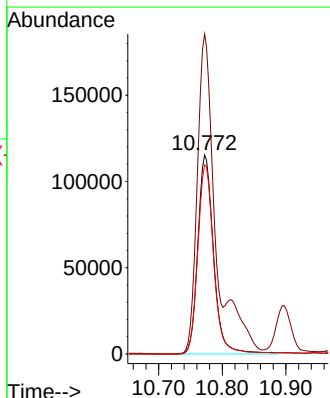
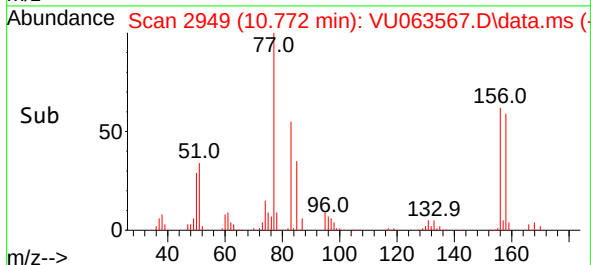
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

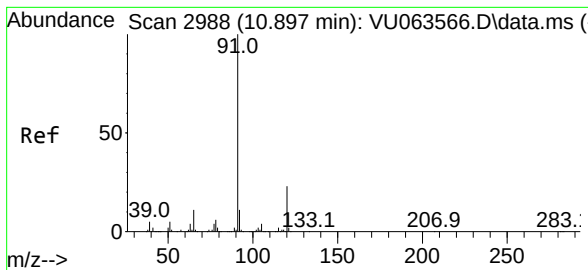


#72
Bromobenzene
Concen: 20.019 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:156 Resp: 198846
Ion Ratio Lower Upper
156 100
77 156.9 0.0 323.0
158 95.1 0.0 195.4





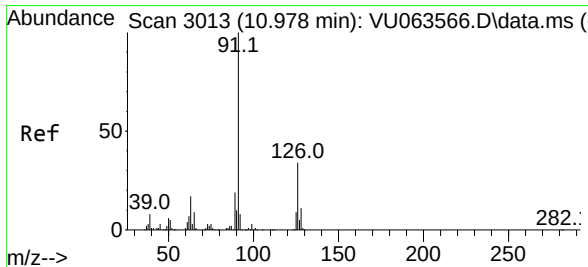
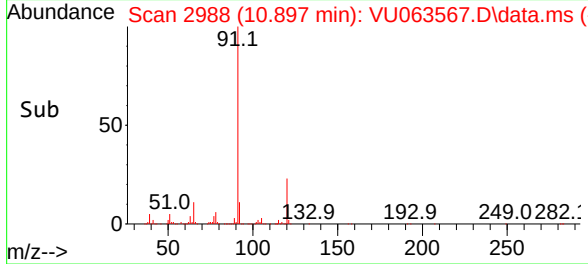
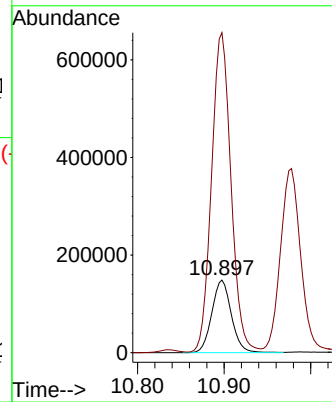
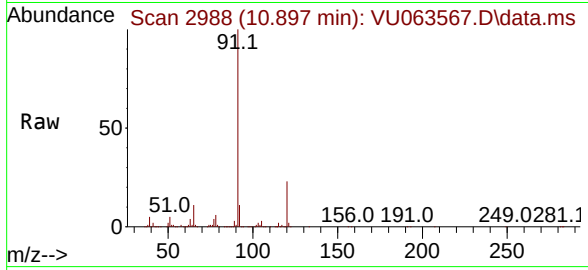
#73
n-propylbenzene
Concen: 20.252 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:120 Resp: 23272
Ion Ratio Lower Upper
120 100
91 439.1 349.1 523.7

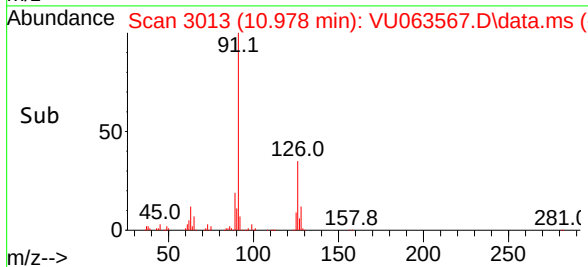
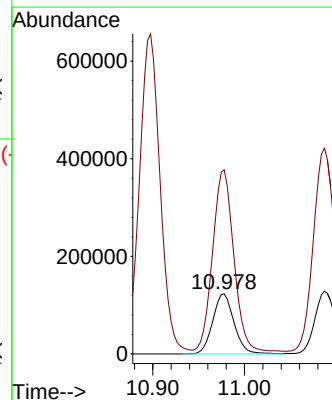
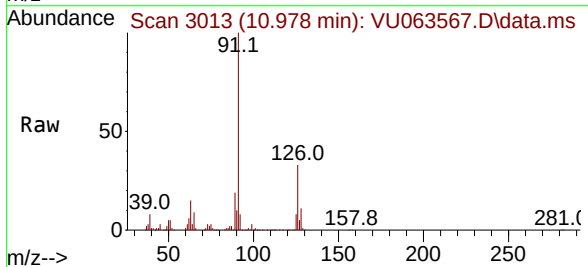
Manual Integrations
APPROVED

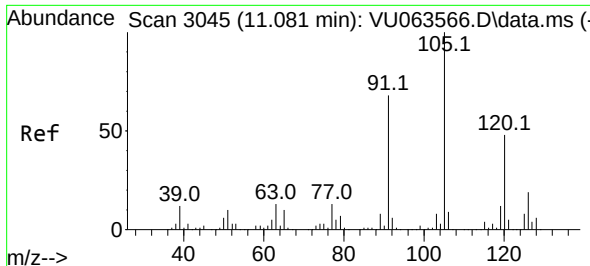
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#74
2-Chlorotoluene
Concen: 19.311 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

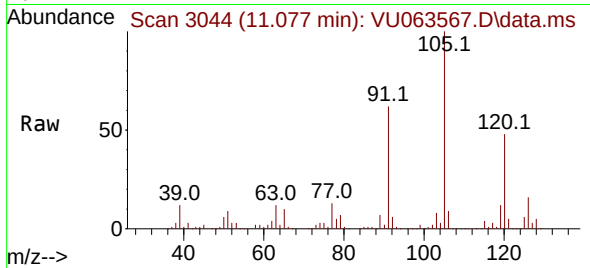
Tgt Ion:126 Resp: 198874
Ion Ratio Lower Upper
126 100
91 309.5 0.0 609.4





#75
1,3,5-Trimethylbenzene
Concen: 19.658 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

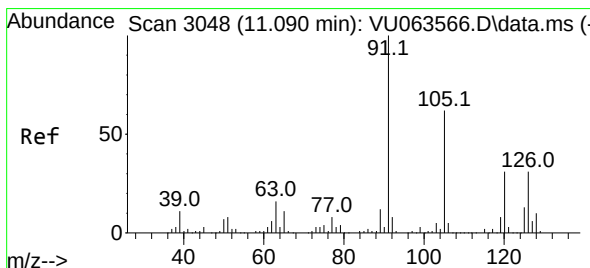
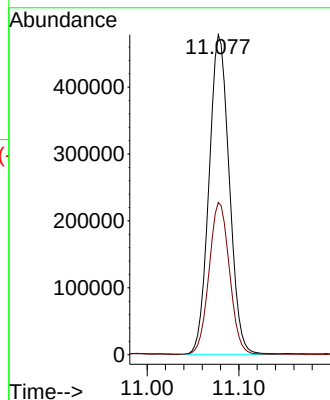
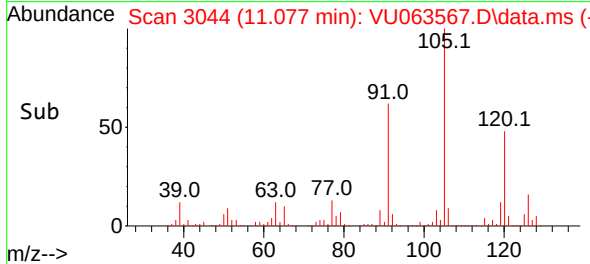
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



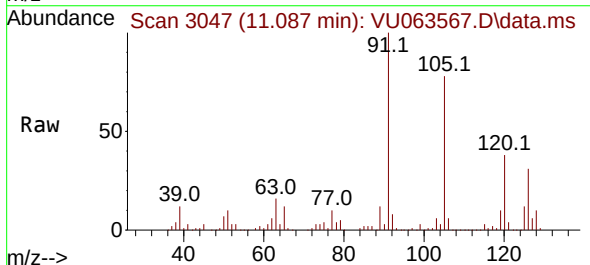
Tgt Ion:105 Resp: 73344
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0

Manual Integrations
APPROVED

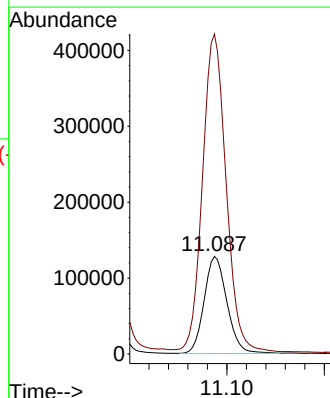
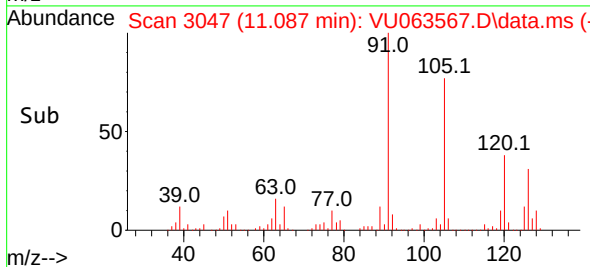
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

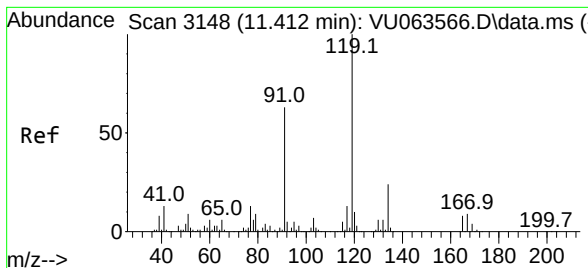


#76
4-Chlorotoluene
Concen: 18.997 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



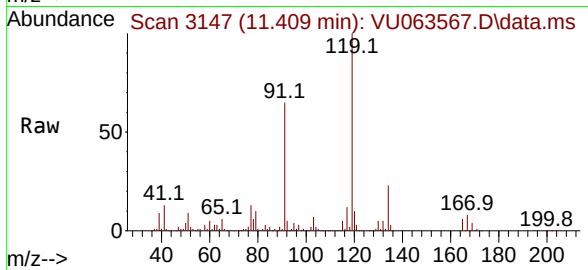
Tgt Ion:126 Resp: 206926
Ion Ratio Lower Upper
126 100
91 343.1 0.0 679.4





#77
tert-Butylbenzene
Concen: 19.442 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

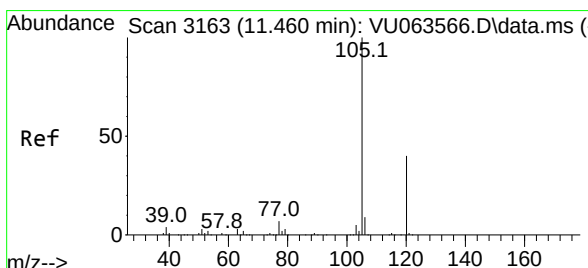
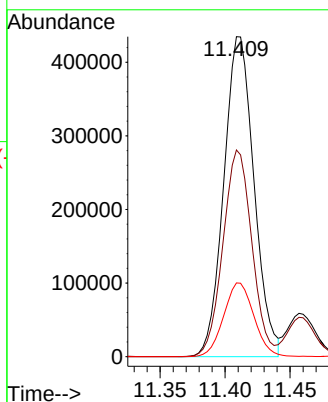
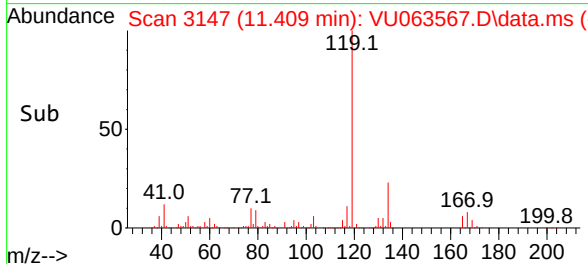
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:119 Resp: 705074
Ion Ratio Lower Upper
119 100
91 61.6 31.0 93.0
134 23.1 19.0 28.6

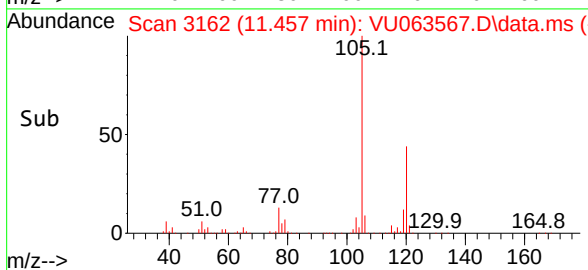
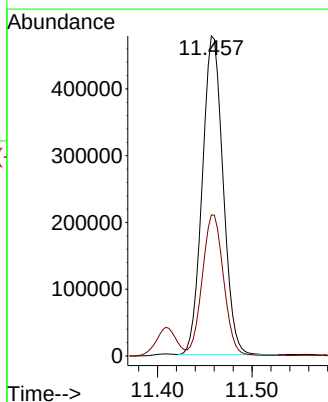
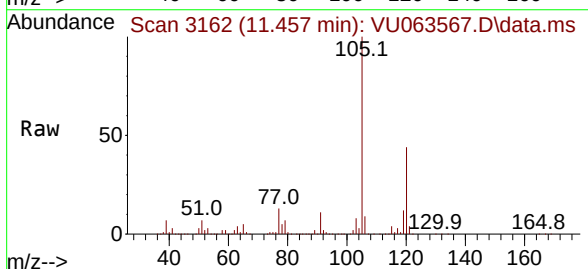
Manual Integrations
APPROVED

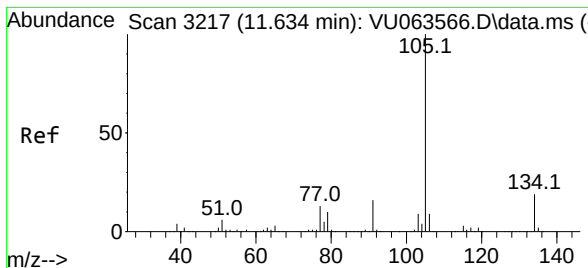
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#78
1,2,4-Trimethylbenzene
Concen: 19.676 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

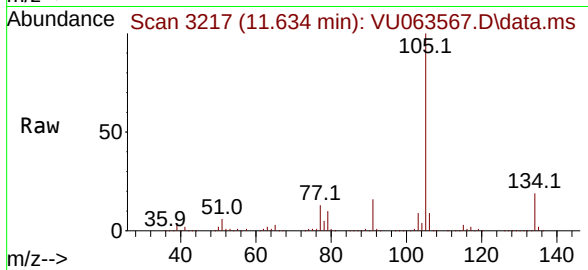
Tgt Ion:105 Resp: 730395
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 19.676 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08

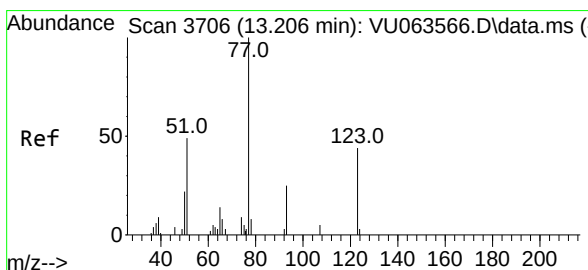
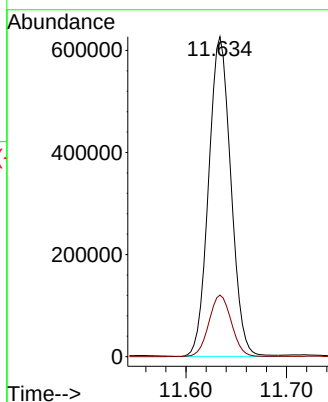
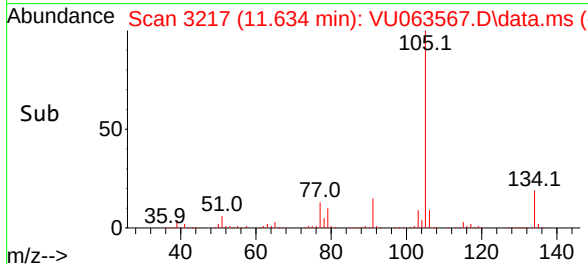
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



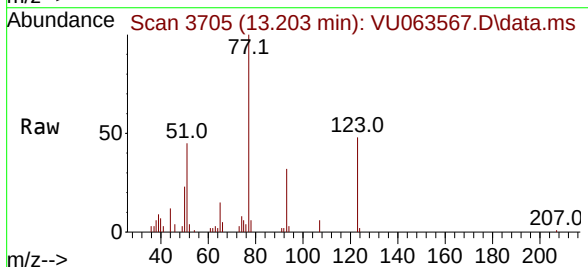
Tgt Ion:105 Resp: 964674
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.6 23.4

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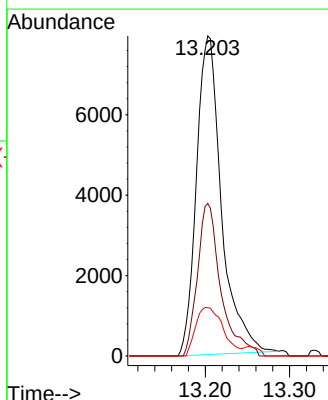
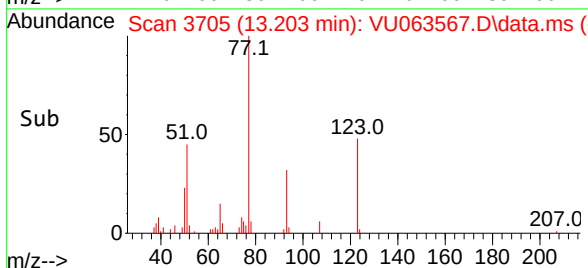
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

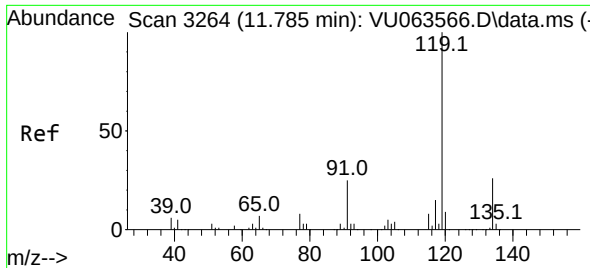


#80
 Nitrobenzene
 Concen: 85.345 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08



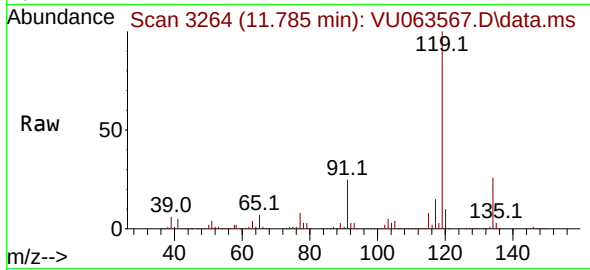
Tgt Ion: 77 Resp: 16403
 Ion Ratio Lower Upper
 77 100
 123 44.5 18.0 63.6
 65 14.5 12.8 16.4





#81
p-Isopropyltoluene
Concen: 20.255 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

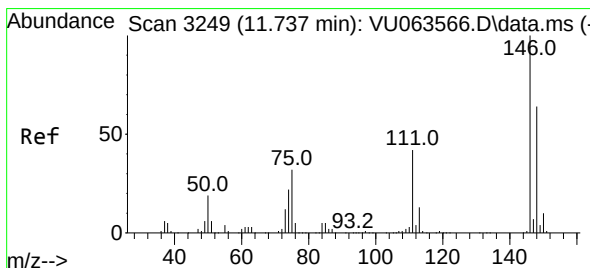
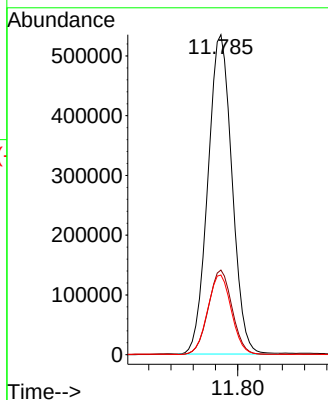
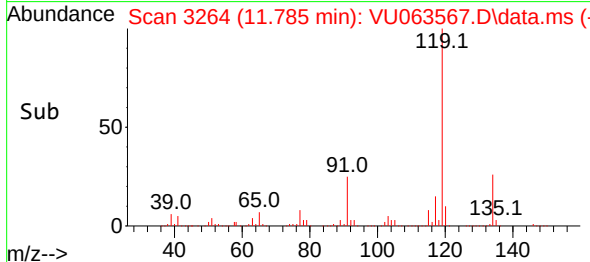
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



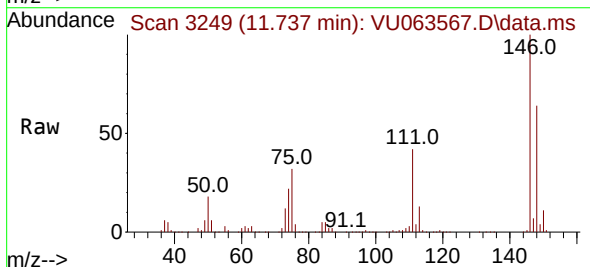
Tgt Ion:119 Resp: 803672
Ion Ratio Lower Upper
119 100
134 26.1 20.6 30.8
91 24.6 19.8 29.6

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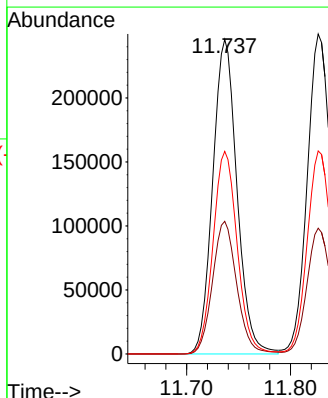
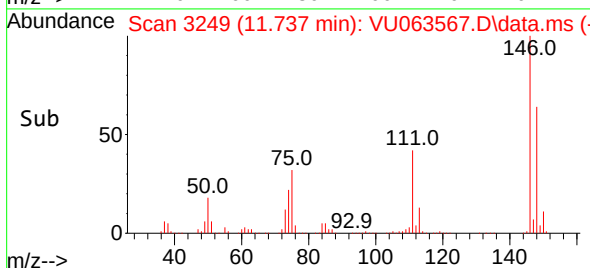
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

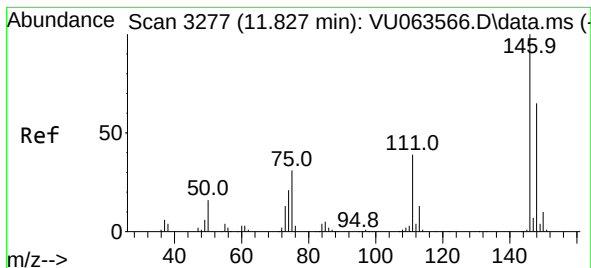


#82
1,3-Dichlorobenzene
Concen: 19.388 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:146 Resp: 398688
Ion Ratio Lower Upper
146 100
111 42.2 32.7 49.1
148 64.2 50.4 75.6





#83

1,4-Dichlorobenzene

Concen: 19.315 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:146 Resp: 402820

Ion Ratio Lower Upper

146 100

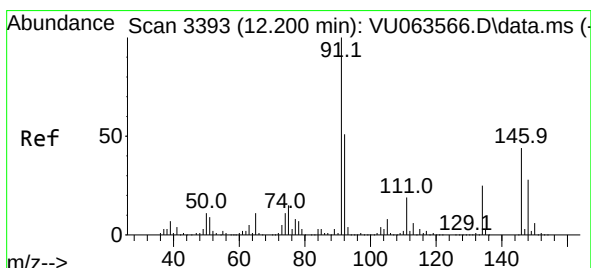
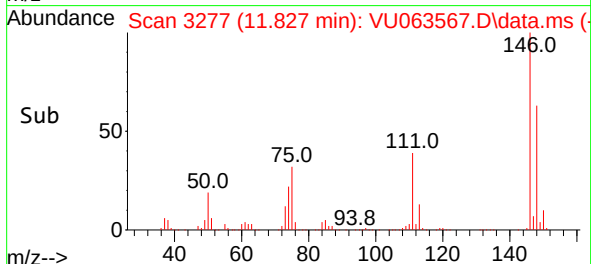
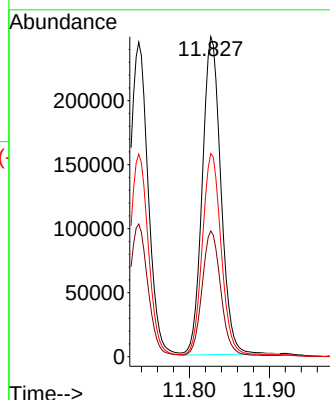
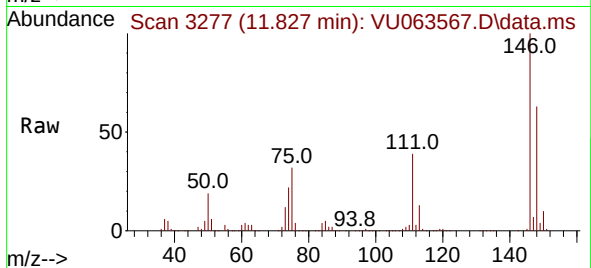
111 39.3 31.6 47.4

148 64.0 51.8 77.8

Manual Integrations

APPROVED

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



#84

n-Butylbenzene

Concen: 20.428 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

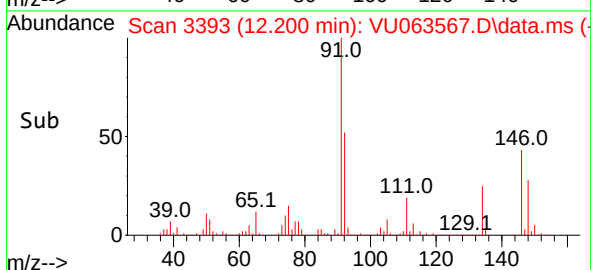
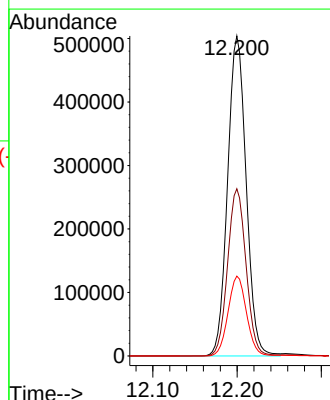
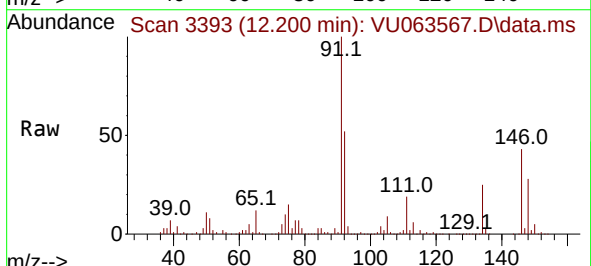
Tgt Ion: 91 Resp: 768296

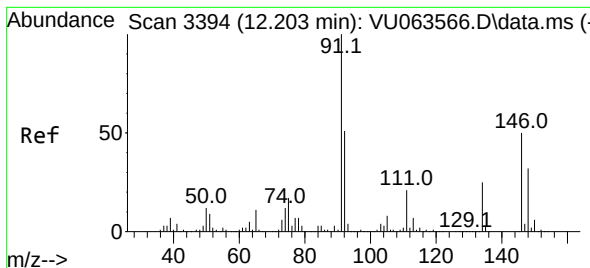
Ion Ratio Lower Upper

91 100

92 52.1 41.3 61.9

134 25.0 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 19.030 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

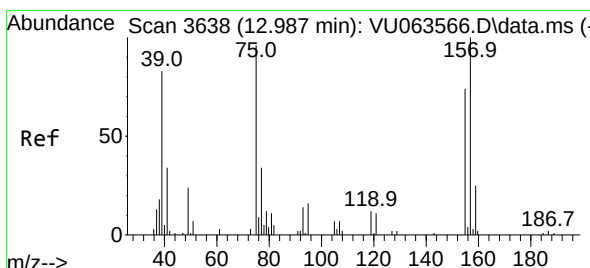
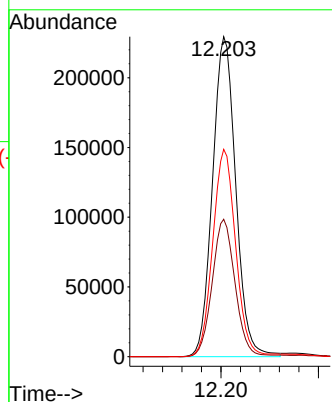
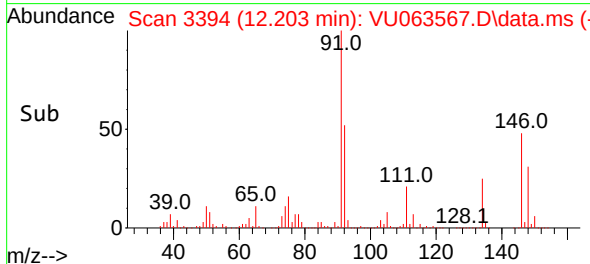
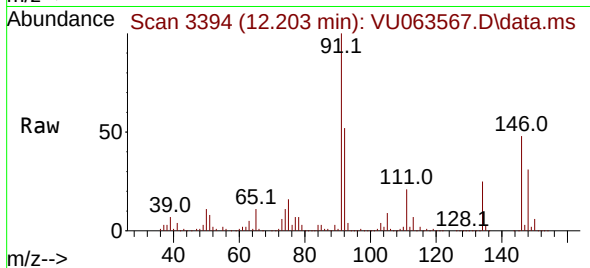
Tgt Ion:146 Resp: 37949

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.0	63.0
148	65.2	31.8	95.3

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 21.521 ug/l

RT: 12.987 min Scan# 3638

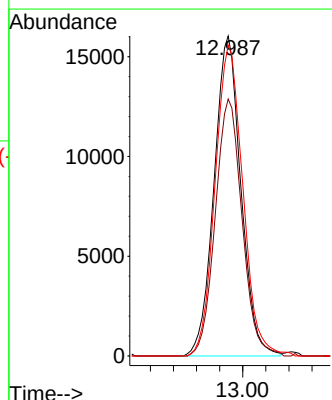
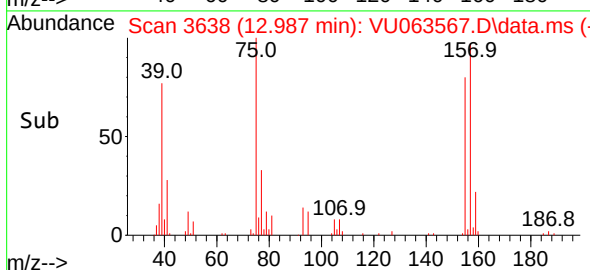
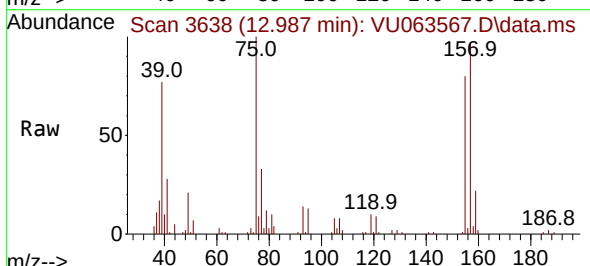
Delta R.T. 0.000 min

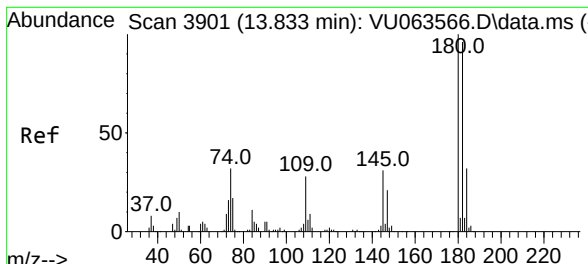
Lab File: VU063567.D

Acq: 12 Sep 2025 12:08

Tgt Ion: 75 Resp: 25869

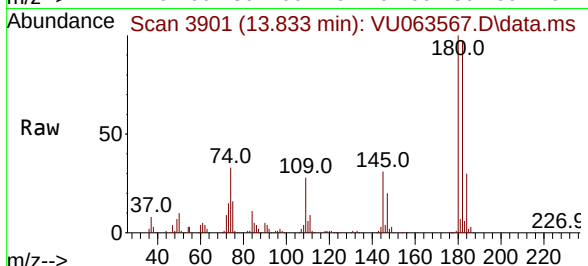
Ion	Ratio	Lower	Upper
75	100		
155	80.2	64.1	96.1
157	100.3	84.2	126.4





#87
 1,2,4-Trichlorobenzene
 Concen: 21.455 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08

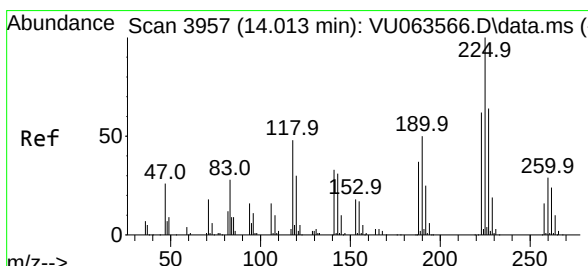
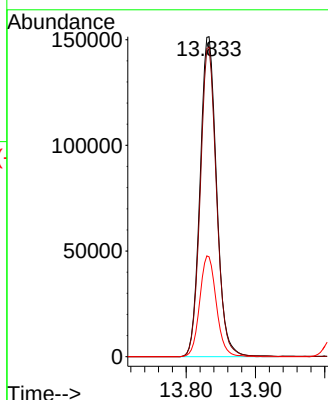
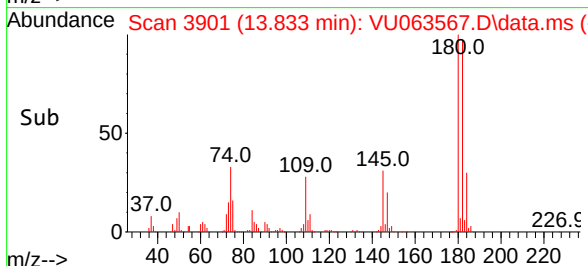
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



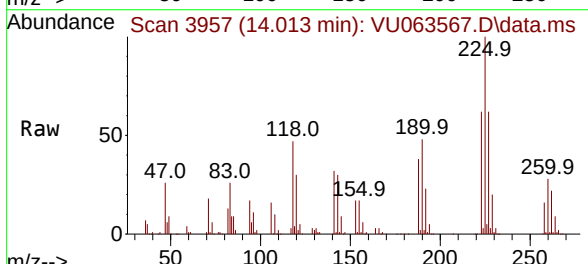
Tgt Ion:180 Resp: 25150
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.1 115.7
 145 31.6 25.0 37.4

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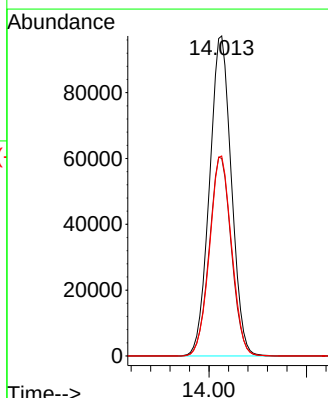
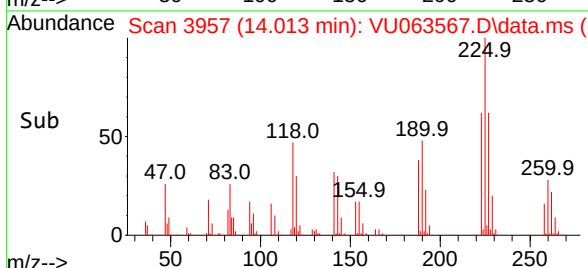
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

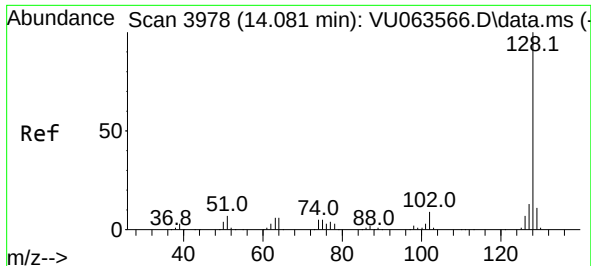


#88
 Hexachlorobutadiene
 Concen: 21.254 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063567.D
 Acq: 12 Sep 2025 12:08



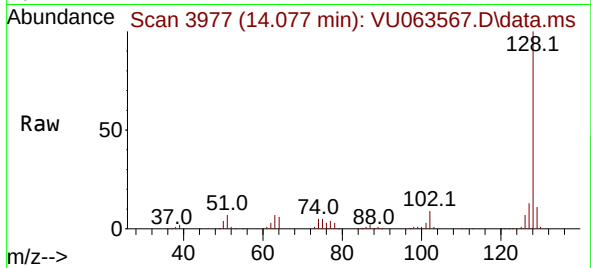
Tgt Ion:225 Resp: 151552
 Ion Ratio Lower Upper
 225 100
 223 62.5 50.2 75.2
 227 62.8 51.6 77.4





#89
Naphthalene
Concen: 21.235 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08

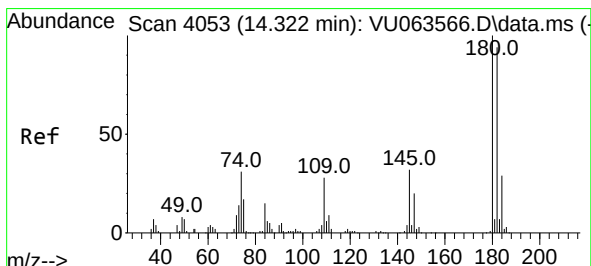
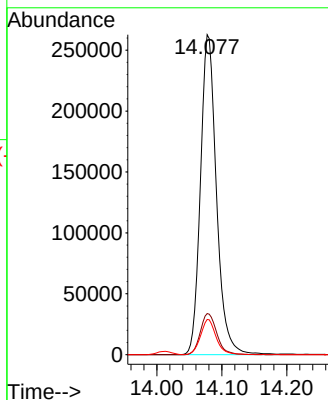
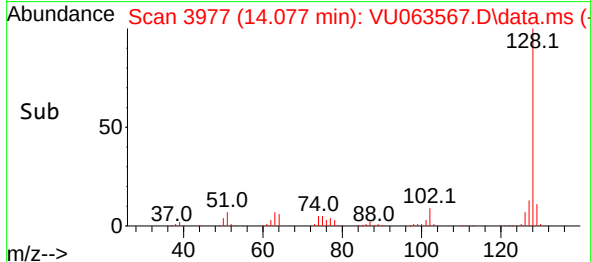
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



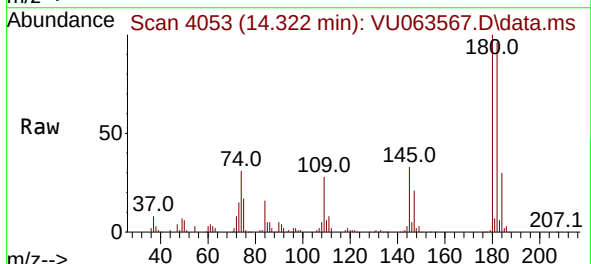
Tgt Ion:128 Resp: 451777
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 21.804 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063567.D
Acq: 12 Sep 2025 12:08



Tgt Ion:180 Resp: 236349
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 33.5 26.6 40.0

