

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063565.D
 Acq On : 12 Sep 2025 10:52
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:19:20 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	6.097	96	35537	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13329	1.144	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13885	1.217	ug/l	0.00
Spiked Amount 1.000			Recovery	=	122.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	59998	6.954	ug/l	99
3) Chloromethane	1.515	50	55233	6.594	ug/l	97
4) Vinyl Chloride	1.599	62	63657	6.047	ug/l	99
5) Bromomethane	1.837	94	35433	4.930	ug/l	99
6) Chloroethane	1.920	64	40202	5.441	ug/l	100
7) Trichlorofluoromethane	2.126	101	92961	5.085	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	49971	5.010	ug/l	98
9) 1,1-Dichloroethene	2.567	96	45895	5.114	ug/l	99
10) Iodomethane	2.708	142	69955	4.956	ug/l	99
11) Allyl Chloride	2.907	41	79898	6.749	ug/l	99
12) Acrylonitrile	3.303	53	29124	12.471	ug/l	96
13) Acetone	2.618	43	117597	32.269	ug/l	100
14) Carbon Disulfide	2.779	76	96407	4.985	ug/l	99
15) Methylene Chloride	3.026	84	58931	4.899	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	49935	5.089	ug/l	98
17) 1,1-Dichloroethane	3.849	63	114722	5.689	ug/l	98
18) 2-Butanone	4.711	43	126330	31.762	ug/l	97
19) Cyclohexane	5.361	56	90388m	5.884	ug/l	
20) Methylcyclohexane	6.740	83	79736	5.795	ug/l	99
21) 2,2-Dichloropropane	4.644	77	83984	5.229	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	60929	5.124	ug/l	98
23) Diethyl Ether	2.370	59	42379	5.929	ug/l	97
24) tert-Butyl Alcohol	3.187	59	51398	55.038	ug/l	99
25) Methyl tert-Butyl Ether	3.357	73	140330	5.566	ug/l	99
26) Bromochloromethane	4.955	128	25134	5.003	ug/l	97
27) Chloroform	5.071	83	114022	5.272	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	87632	5.140	ug/l	99
29) 1,1-Dichloropropene	5.505	75	81083	5.474	ug/l	100
30) Carbon Tetrachloride	5.502	117	64451	4.952	ug/l	100
31) Isopropyl Ether	3.991	45	190369	6.353	ug/l	97
32) Ethyl-t-butyl ether	4.499	59	167058	5.949	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	142113	5.602	ug/l	99
34) Propionitrile	4.775	54	26668	29.160	ug/l	96
35) Benzene	5.753	78	237453	5.451	ug/l	100
36) 1,2-Dichloroethane	5.782	62	80490	5.699	ug/l	98
37) Trichloroethene	6.525	130	59652	5.403	ug/l	94
38) 1,2-Dichloropropane	6.779	63	59765	5.874	ug/l	100
39) Methacrylonitrile	4.972	41	24434	6.290	ug/l	93
40) Methyl acrylate	4.846	55	31574	5.315	ug/l	96
41) Tetrahydrofuran	5.058	42	24119	11.549	ug/l	98
42) 1-Chlorobutane	5.438	56	115107	6.047	ug/l	99
43) Dibromomethane	6.907	93	29618	5.640	ug/l	99
44) Bromodichloromethane	7.094	83	63833	5.731	ug/l	100

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 Sample : VSTDICC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

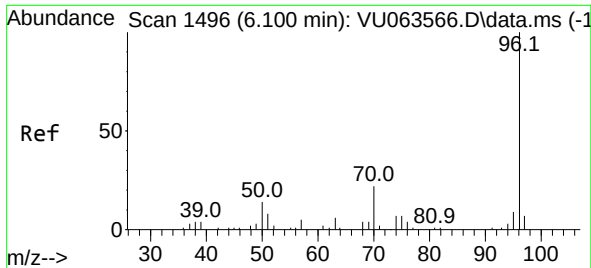
Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:19:20 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)
45) 4-Methyl-2-Pentanone	7.795	43	189639	36.739	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	28767m	12.171	ug/l	
47) Methyl methacrylate	6.962	69	51564	11.464	ug/l	99
48) Ethyl methacrylate	8.332	69	50988	6.741	ug/l	97
49) Toluene	7.959	92	130375	6.483	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	47697	6.107	ug/l	96
51) cis-1,3-Dichloropropene	7.598	75	65052	6.411	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	43628	6.317	ug/l	99
53) 1,3-Dichloropropane	8.566	76	74264	6.521	ug/l	98
54) 2-Hexanone	8.685	43	151743	36.410	ug/l	99
55) Dibromochloromethane	8.801	129	41889	6.318	ug/l	95
56) 1,2-Dibromoethane	8.917	107	36921	6.310	ug/l	100
58) Tetrachloroethene	8.541	164	59858	6.785	ug/l	96
59) Chlorobenzene	9.438	112	153579	6.463	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	49082	6.298	ug/l	100
61) Pentachloroethane	11.415	117	34589	5.855	ug/l	98
62) Hexachloroethane	12.463	117	29498	5.712	ug/l	99
63) Ethyl Benzene	9.560	91	255683	6.299	ug/l	97
64) m/p-Xylenes	9.685	106	200609	12.849	ug/l	100
65) o-Xylene	10.090	106	98322	6.351	ug/l	99
66) Styrene	10.106	104	161106	6.376	ug/l	99
67) Bromoform	10.283	173	20629	6.199	ug/l	96
69) Isopropylbenzene	10.476	105	240007	6.318	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	54508	6.124	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	39922m	6.469	ug/l	
72) Bromobenzene	10.775	156	62686	6.500	ug/l	85
73) n-propylbenzene	10.897	120	70582	6.327	ug/l	96
74) 2-Chlorotoluene	10.978	126	65247	6.526	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	230377	6.360	ug/l	99
76) 4-Chlorotoluene	11.090	126	67629	6.395	ug/l	97
77) tert-Butylbenzene	11.412	119	215872	6.131	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	225888	6.268	ug/l	100
79) sec-Butylbenzene	11.634	105	299503	6.292	ug/l	99
80) Nitrobenzene	13.209	77	4328	25.675	ug/l #	95
81) p-Isopropyltoluene	11.785	119	245055	6.361	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	127168	6.370	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	129141	6.378	ug/l	98
84) n-Butylbenzene	12.200	91	224327	6.144	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	120906	6.245	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	7409	6.349	ug/l	92
87) 1,2,4-Trichlorobenzene	13.833	180	72288	6.352	ug/l	98
88) Hexachlorobutadiene	14.013	225	44861	6.480	ug/l	98
89) Naphthalene	14.084	128	121281	5.872	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	69435	6.598	ug/l	98

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



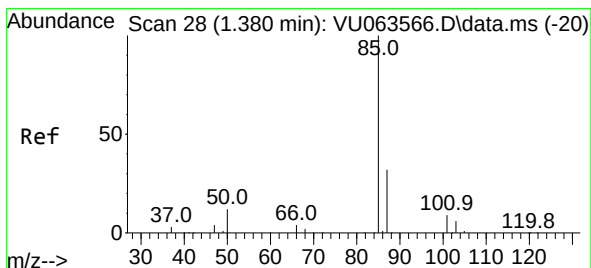
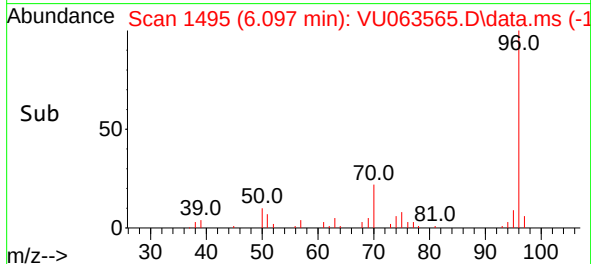
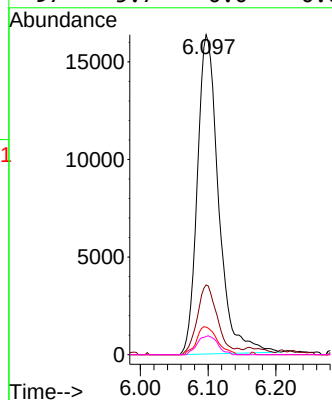
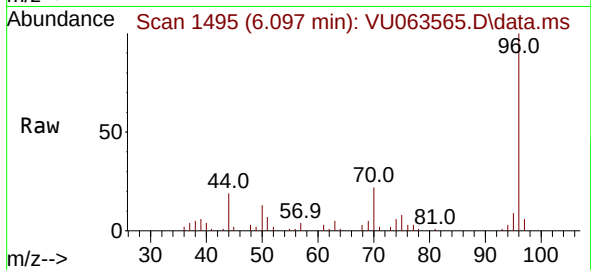
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 96	Resp: 3553
Ion Ratio	Lower Upper
96 100	
70 18.6	15.5 23.3
95 8.5	7.7 11.5
97 5.7	0.0 0.0

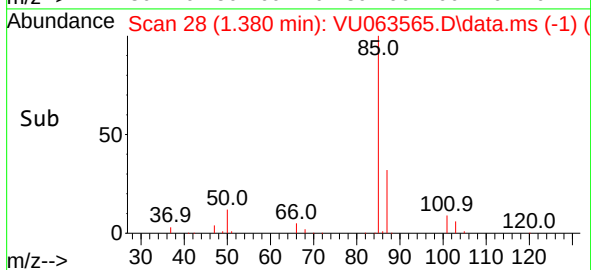
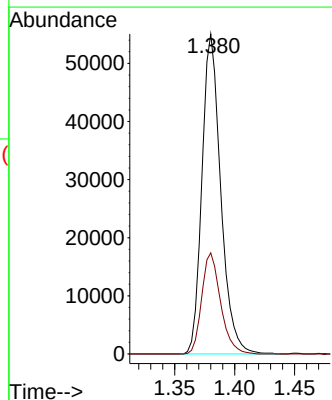
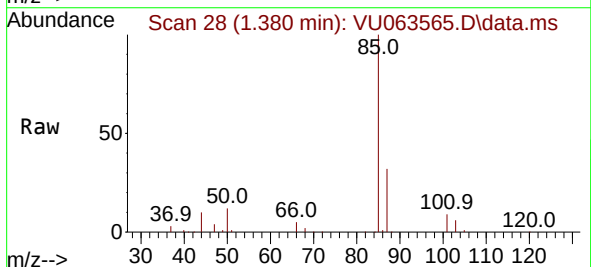
Manual Integrations
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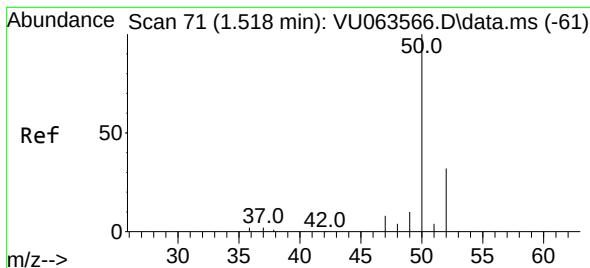
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#2
Dichlorodifluoromethane
Concen: 6.954 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 85	Resp: 59998
Ion Ratio	Lower Upper
85 100	
87 31.6	16.1 48.2





#3

Chloromethane

Concen: 6.594 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 5523

Ion Ratio Lower Upper

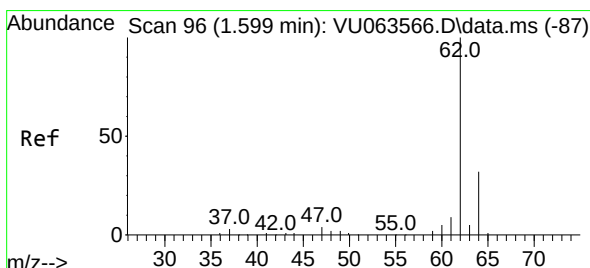
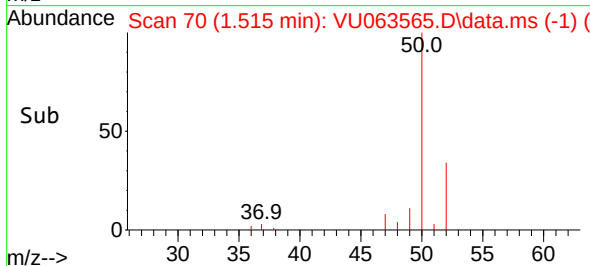
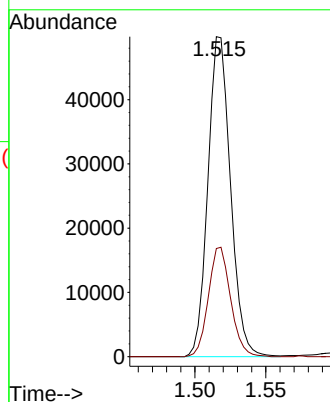
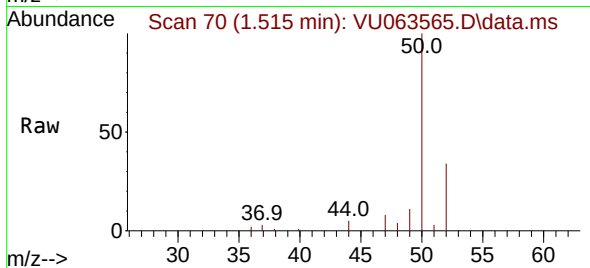
50 100

52 33.8 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: 6.047 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063565.D

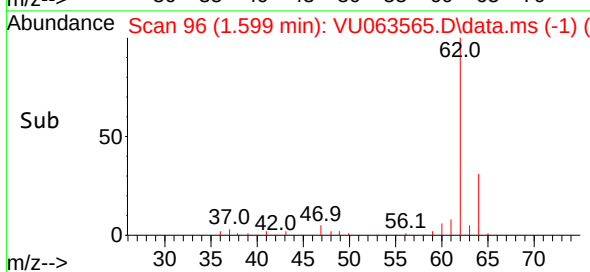
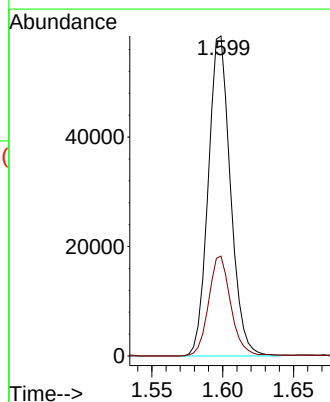
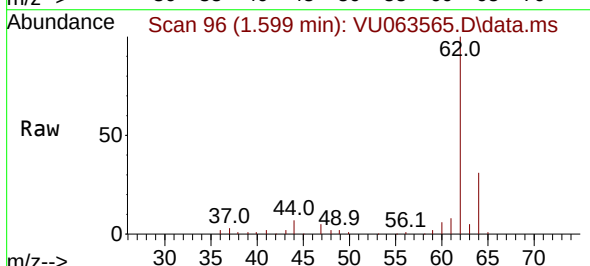
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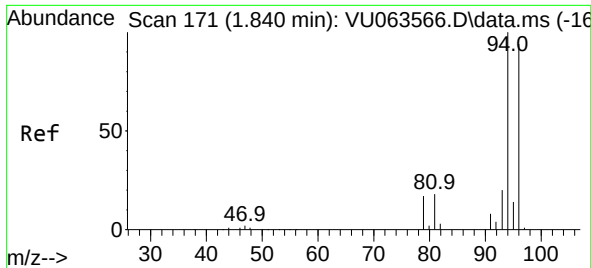
Tgt Ion: 62 Resp: 63657

Ion Ratio Lower Upper

62 100

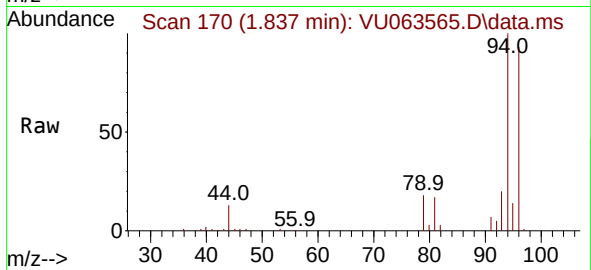
64 31.2 25.5 38.3





#5
Bromomethane
Concen: 4.930 ug/l
RT: 1.837 min Scan# 171
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

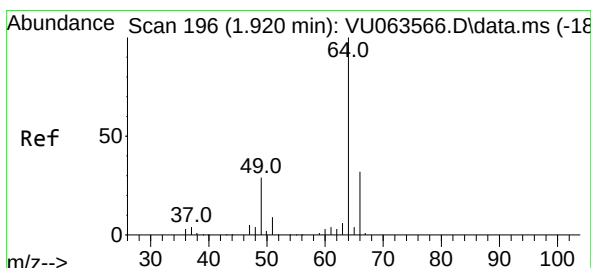
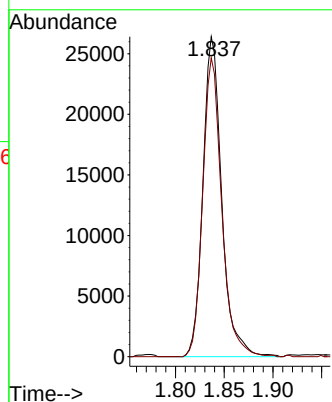
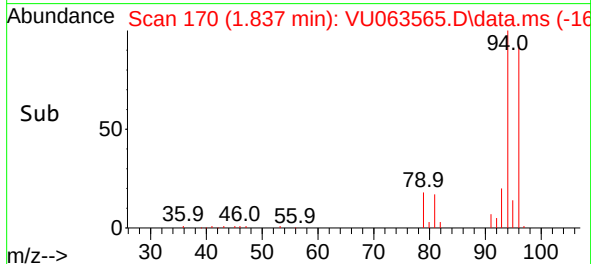
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



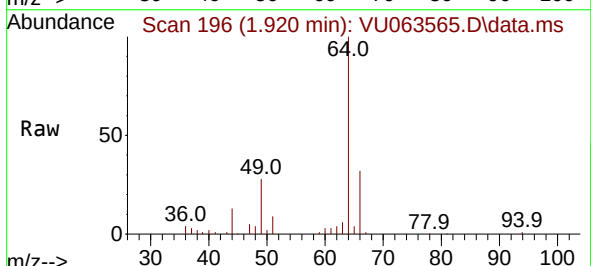
Tgt Ion: 94 Resp: 3543
Ion Ratio Lower Upper
94 100
96 93.4 75.1 112.7

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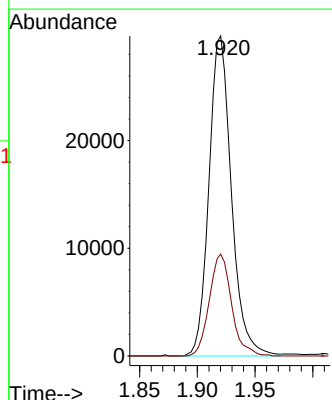
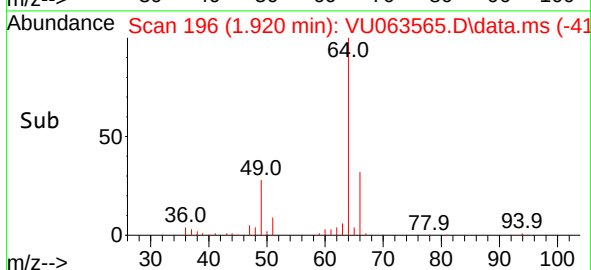
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

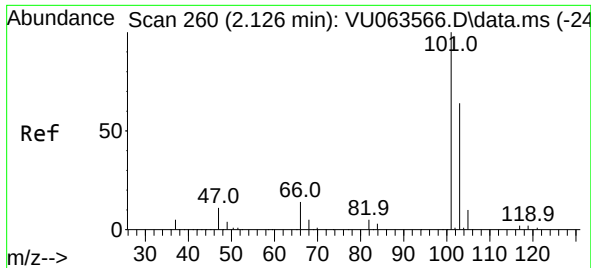


#6
Chloroethane
Concen: 5.441 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



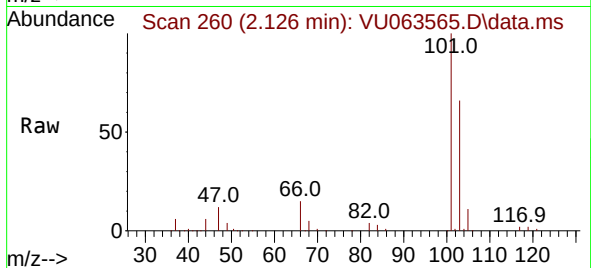
Tgt Ion: 64 Resp: 40202
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 5.085 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

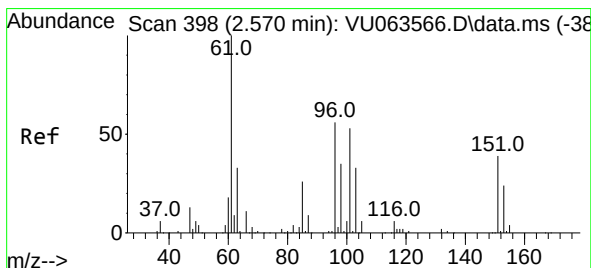
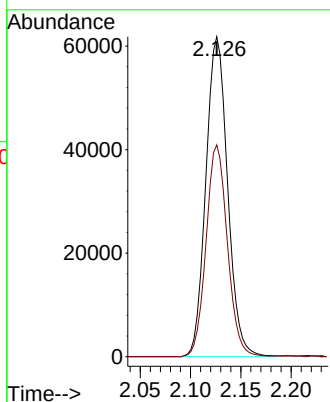
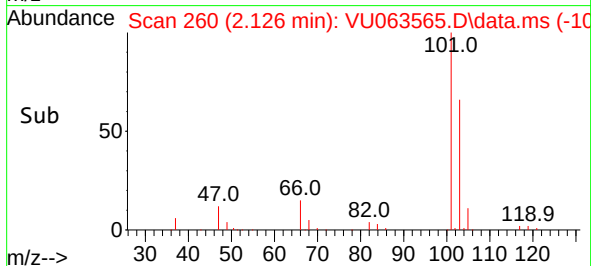
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



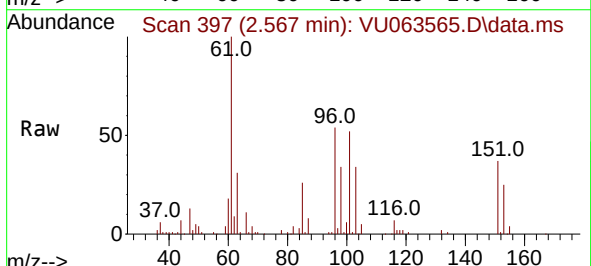
Tgt Ion:101 Resp: 9296
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.8 76.2

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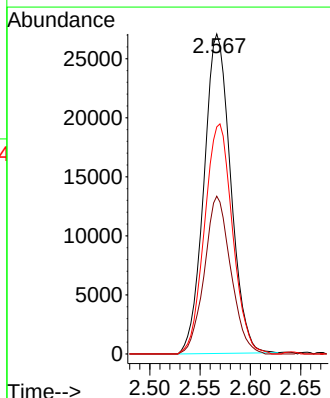
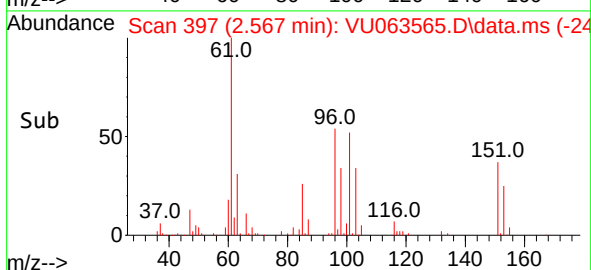
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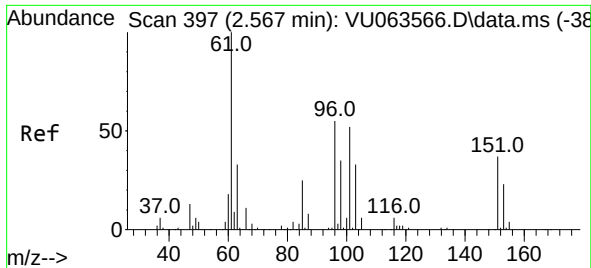


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.010 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52



Tgt Ion:101 Resp: 49971
 Ion Ratio Lower Upper
 101 100
 85 48.7 38.7 58.1
 151 75.5 58.2 87.2





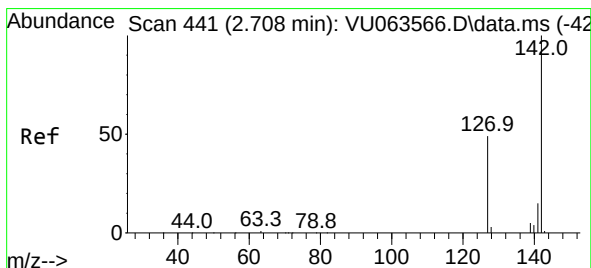
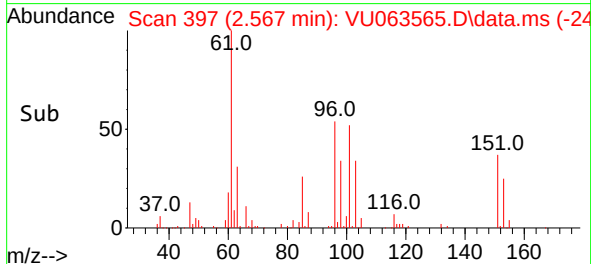
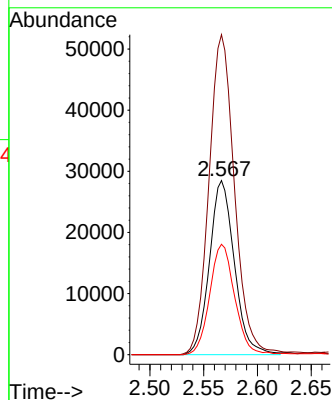
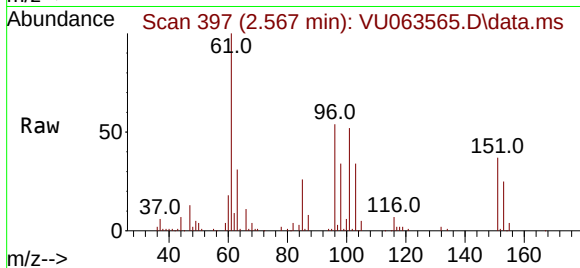
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1,1-Dichloroethene
Concen: 5.114 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 4589
Ion Ratio Lower Upper
96 100
61 183.8 0.0 543.9
98 63.4 0.0 125.8

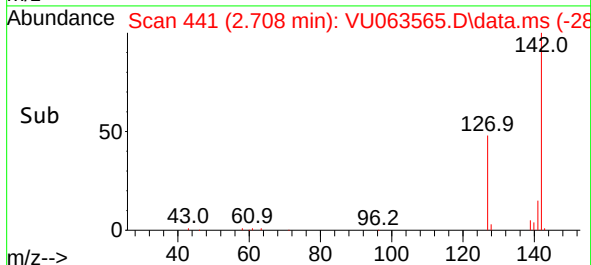
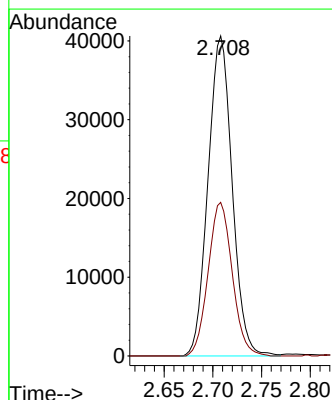
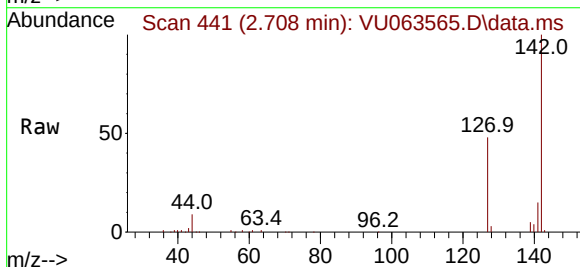
Manual Integrations
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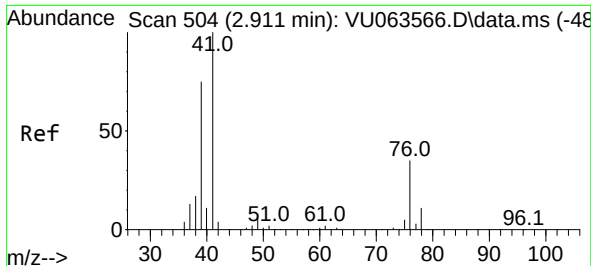
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#10
Iodomethane
Concen: 4.956 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

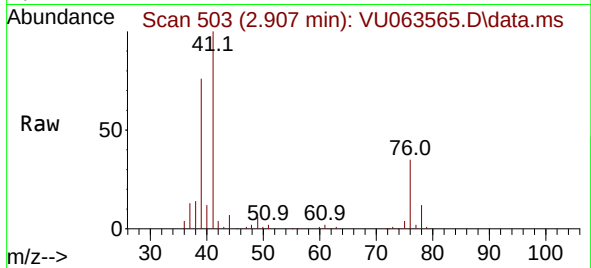
Tgt Ion:142 Resp: 69955
Ion Ratio Lower Upper
142 100
127 47.9 38.6 58.0





#11
 Allyl Chloride
 Concen: 6.749 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

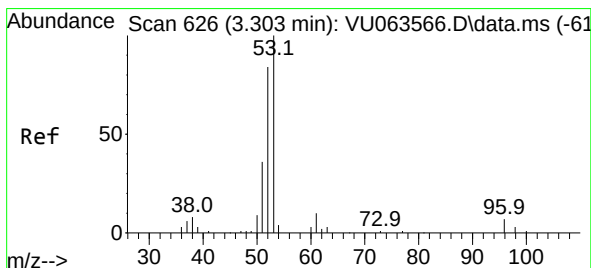
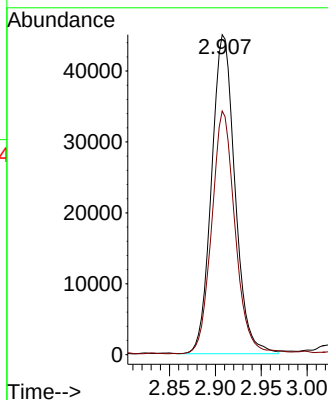
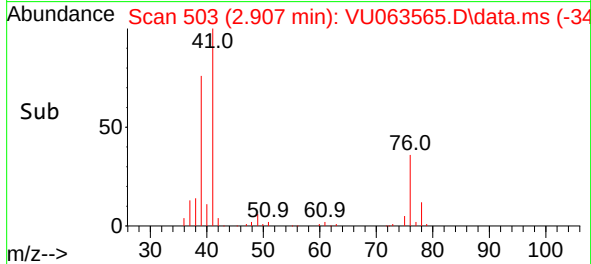
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 7989
 Ion Ratio Lower Upper
 41 100
 39 75.9 61.2 91.8

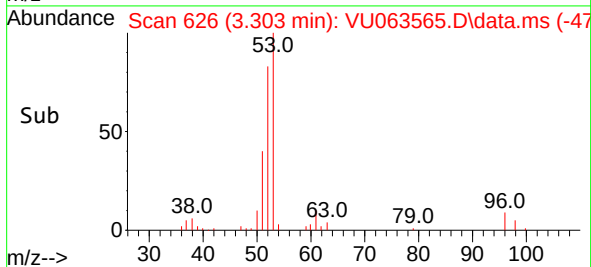
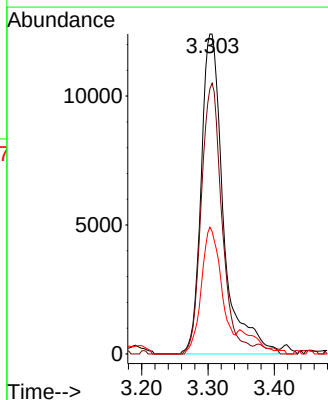
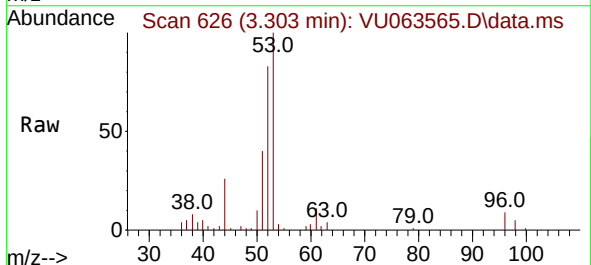
Manual Integrations
 APPROVED

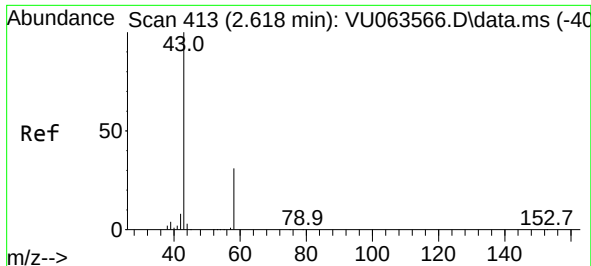
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025



#12
 Acrylonitrile
 Concen: 12.471 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

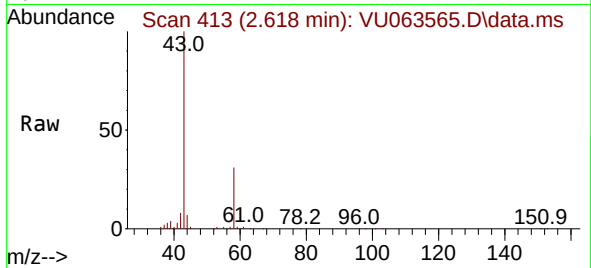
Tgt Ion: 53 Resp: 29124
 Ion Ratio Lower Upper
 53 100
 52 77.7 65.0 97.4
 51 35.7 31.2 46.8





#13
Acetone
Concen: 32.269 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

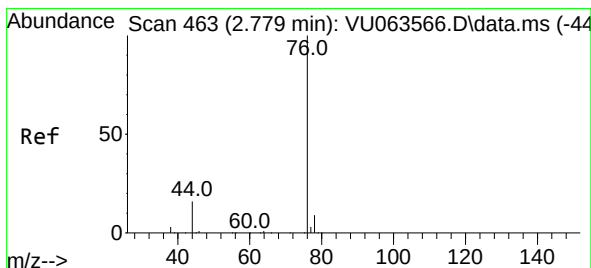
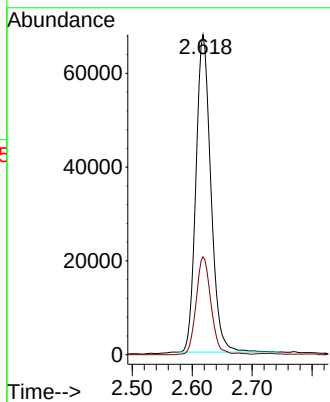
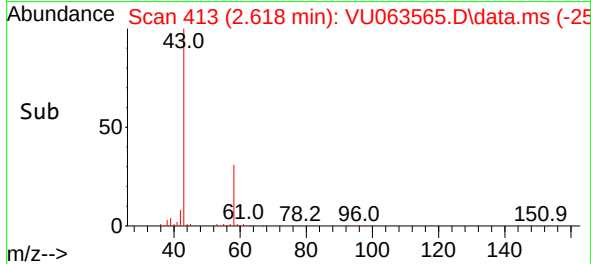
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 117597
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1

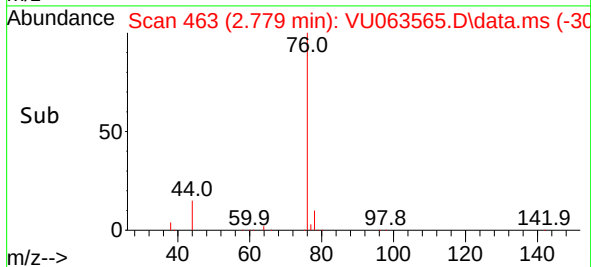
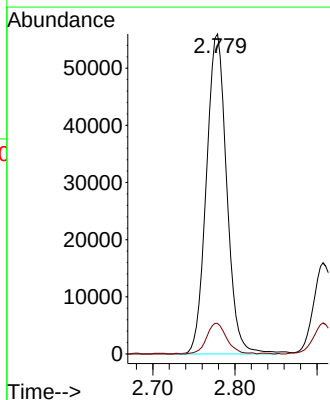
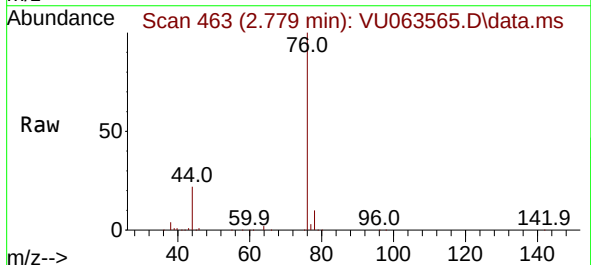
Manual Integrations
APPROVED

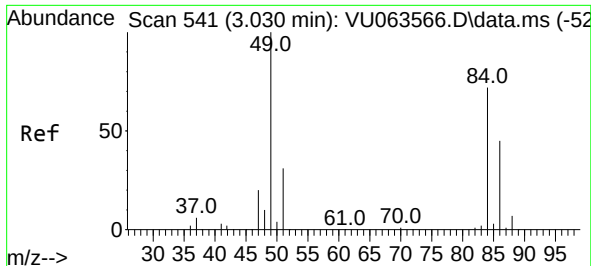
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#14
Carbon Disulfide
Concen: 4.985 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

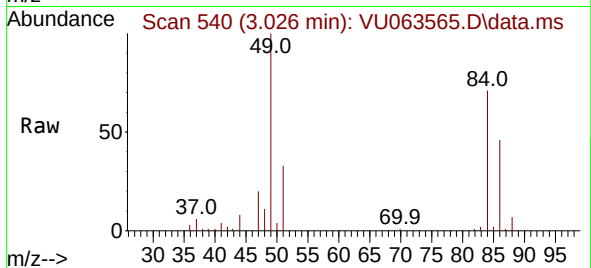
Tgt Ion: 76 Resp: 96407
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#15
Methylene Chloride
Concen: 4.899 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

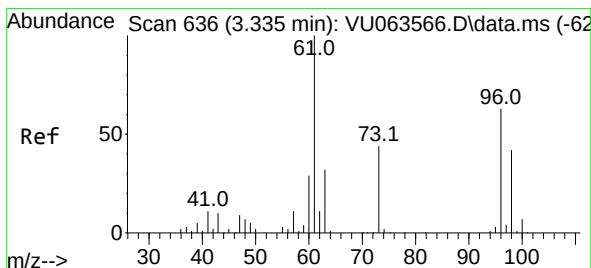
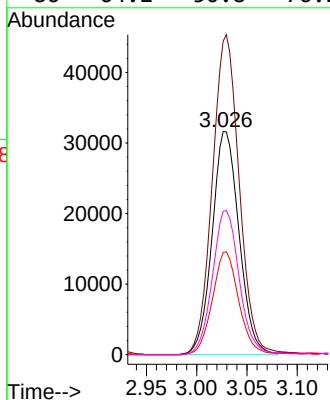
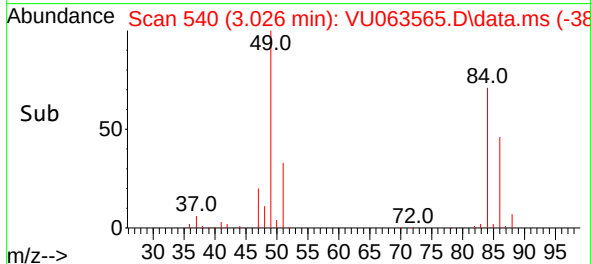
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 5893
Ion Ratio Lower Upper
84 100
49 140.4 111.8 167.6
51 45.8 0.0 86.0
86 64.2 50.8 76.2

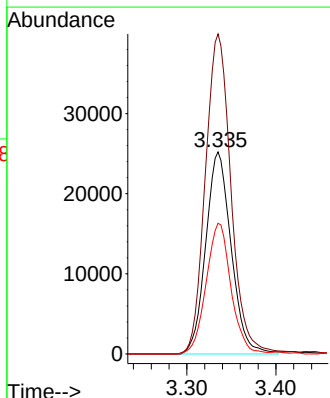
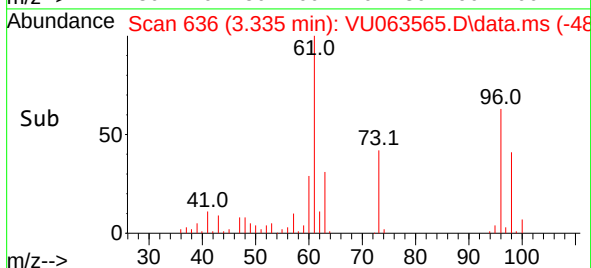
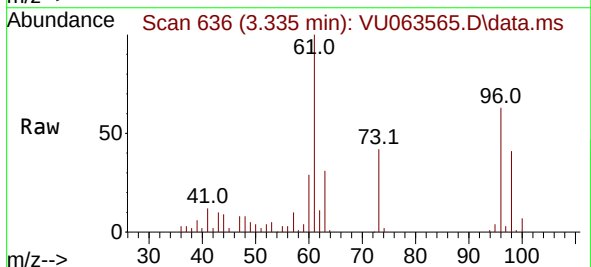
Manual Integrations
APPROVED

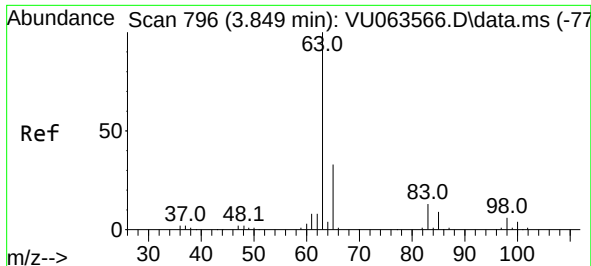
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#16
trans-1,2-Dichloroethene
Concen: 5.089 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 96 Resp: 49935
Ion Ratio Lower Upper
96 100
61 158.4 127.8 191.6
98 64.7 53.8 80.8





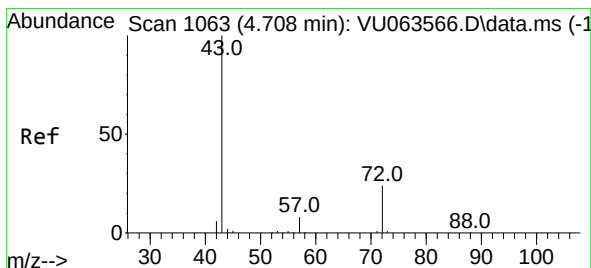
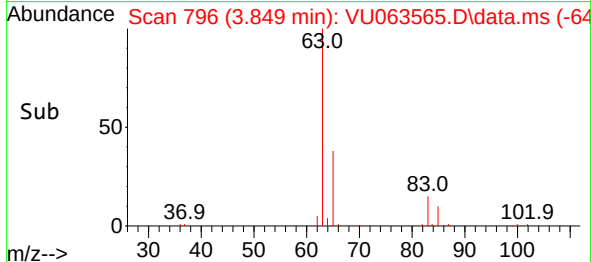
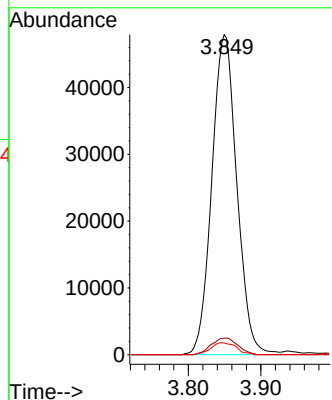
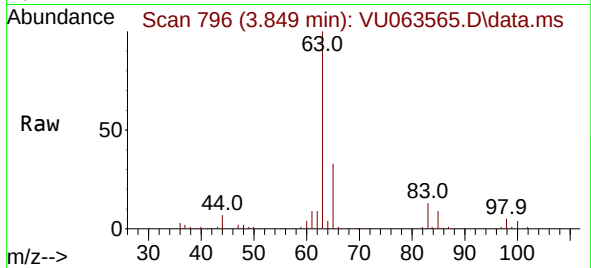
#17
1,1-Dichloroethane
Concen: 5.689 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 11472
Ion Ratio Lower Upper
63 100
98 5.2 2.9 8.8
100 3.7 2.0 5.8

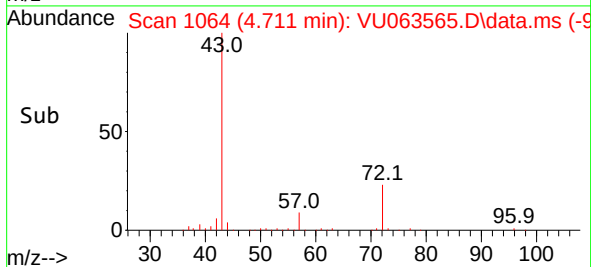
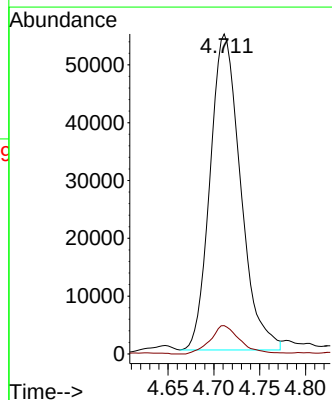
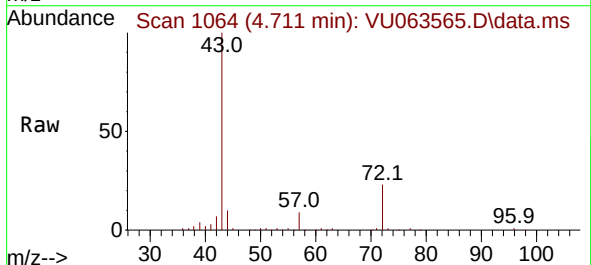
Manual Integrations
APPROVED

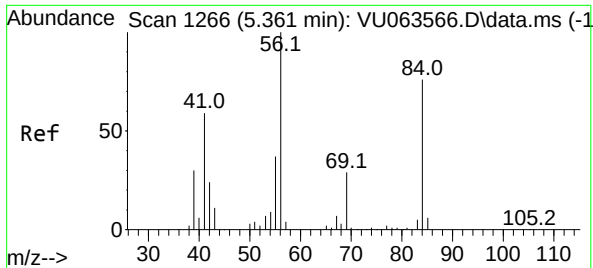
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#18
2-Butanone
Concen: 31.762 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

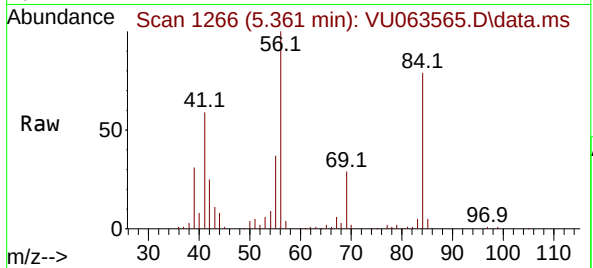
Tgt Ion: 43 Resp: 126330
Ion Ratio Lower Upper
43 100
57 9.0 0.0 15.8





#19
Cyclohexane
Concen: 5.884 ug/l m
RT: 5.361 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

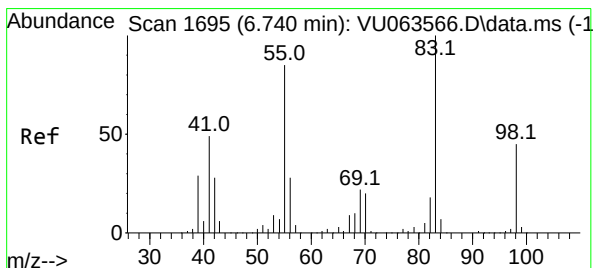
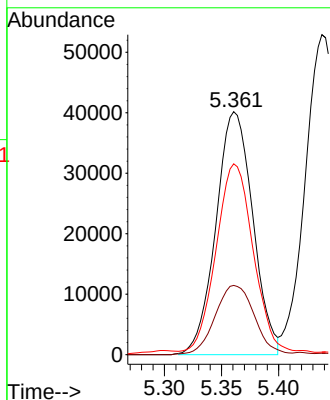
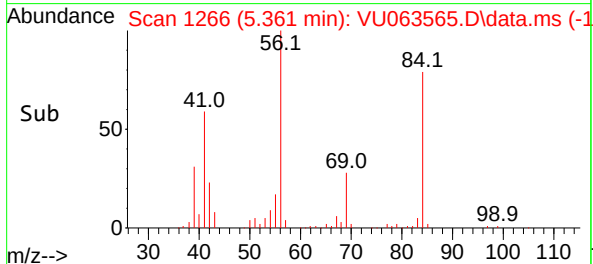
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 90388
Ion Ratio Lower Upper
56 100
69 29.3 22.7 34.1
84 76.9 59.4 89.0

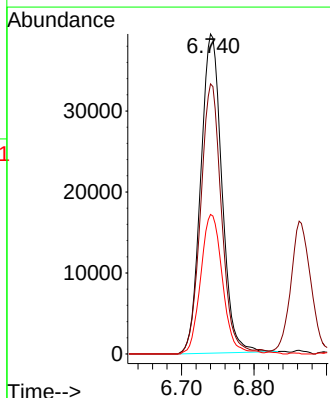
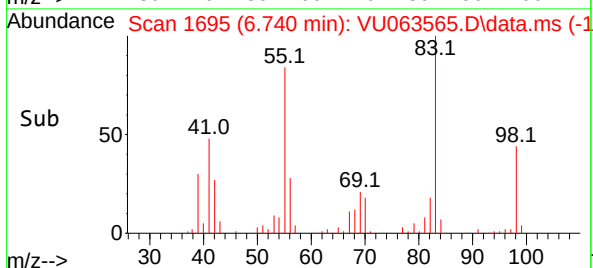
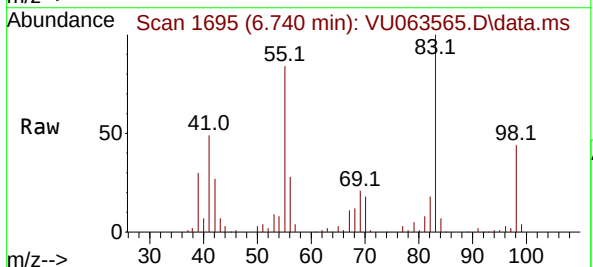
Manual Integrations
APPROVED

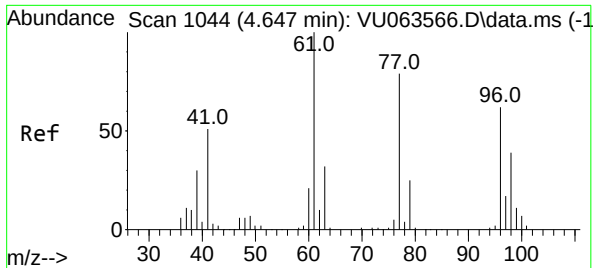
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#20
Methylcyclohexane
Concen: 5.795 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 83 Resp: 79736
Ion Ratio Lower Upper
83 100
55 81.8 66.7 100.1
98 44.8 35.9 53.9





#21
2,2-Dichloropropane
Concen: 5.229 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

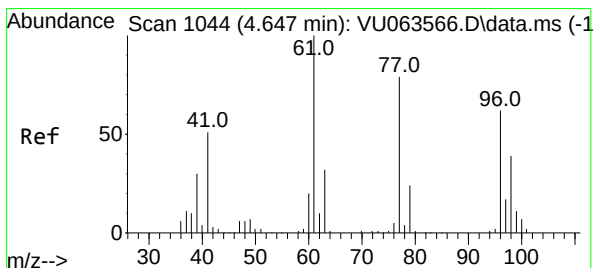
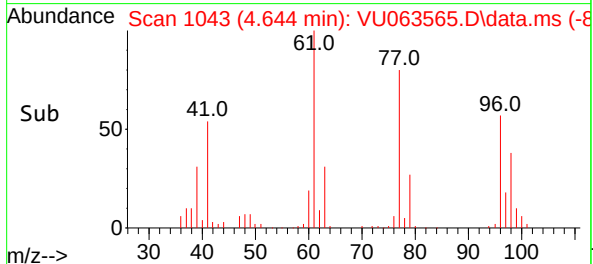
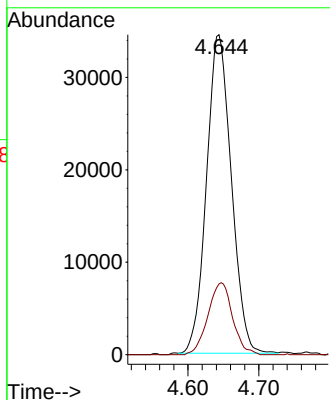
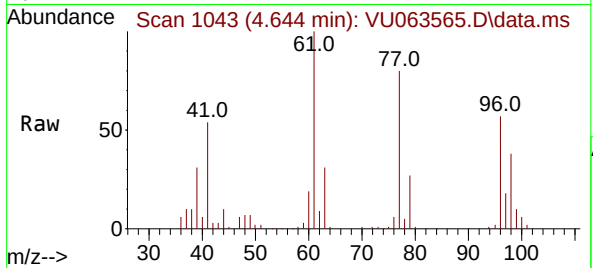
VSTDIC005

Tgt Ion: 77 Resp: 83984
Ion Ratio Lower Upper
77 100
97 22.4 17.5 26.3

Manual Integrations

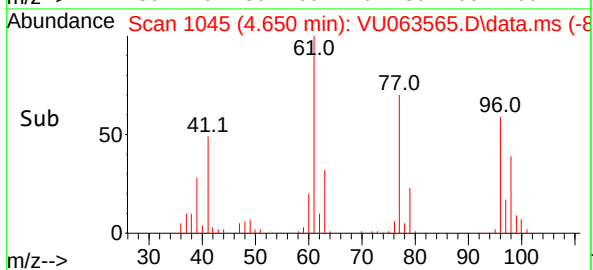
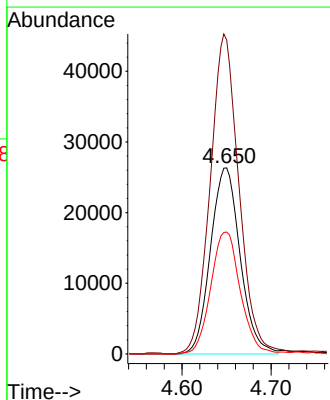
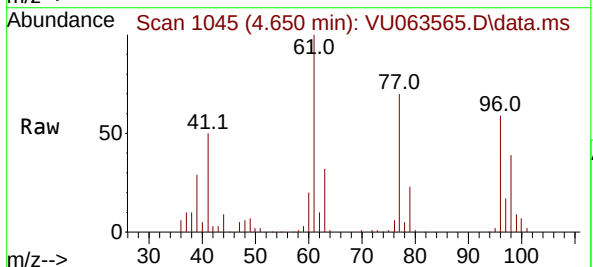
APPROVED

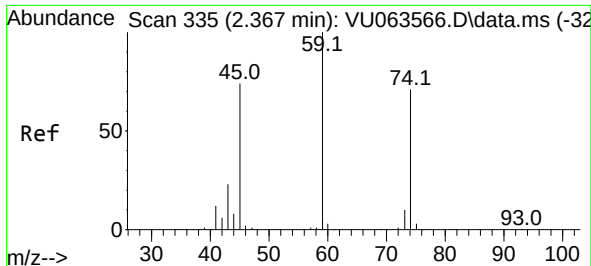
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#22
cis-1,2-Dichloroethene
Concen: 5.124 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

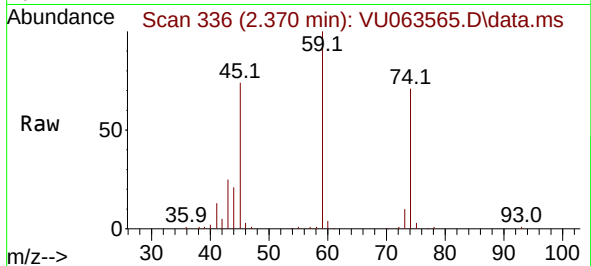
Tgt Ion: 96 Resp: 60929
Ion Ratio Lower Upper
96 100
61 166.6 0.0 411.0
98 65.1 31.9 95.9





#23
Diethyl Ether
Concen: 5.929 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

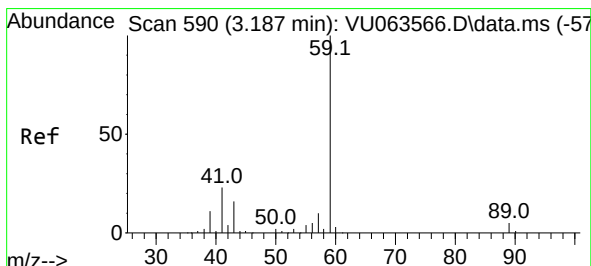
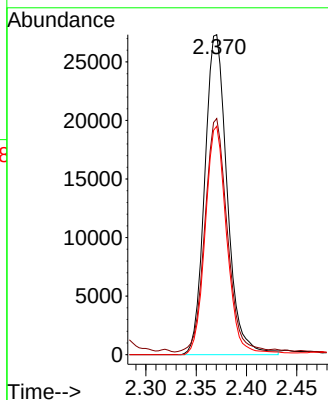
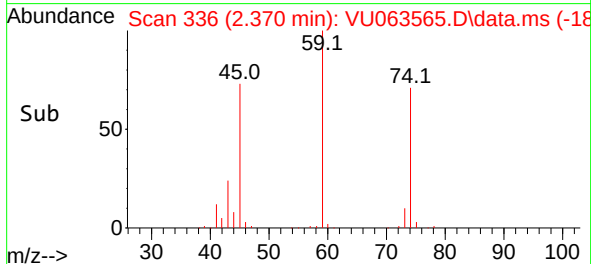
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 42379
Ion Ratio Lower Upper
59 100
45 72.4 59.0 88.6
74 69.0 57.8 86.6

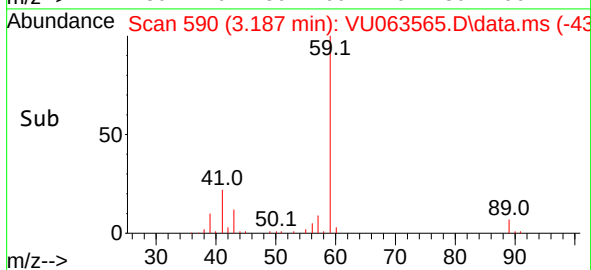
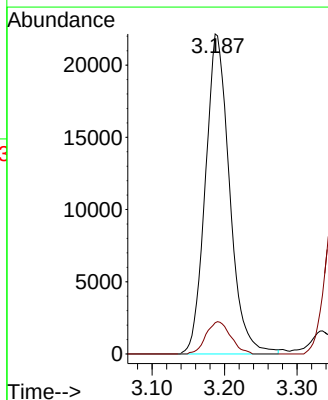
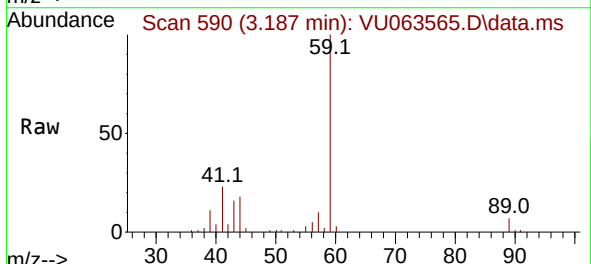
Manual Integrations
APPROVED

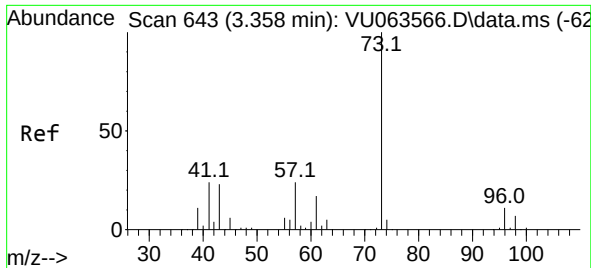
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#24
tert-Butyl Alcohol
Concen: 55.038 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 59 Resp: 51398
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8





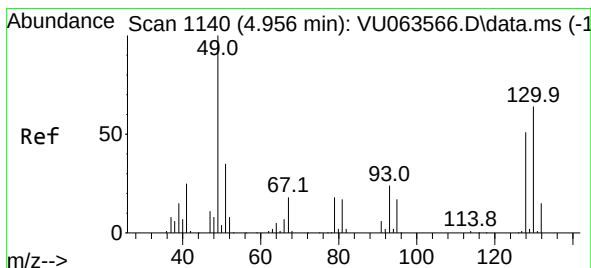
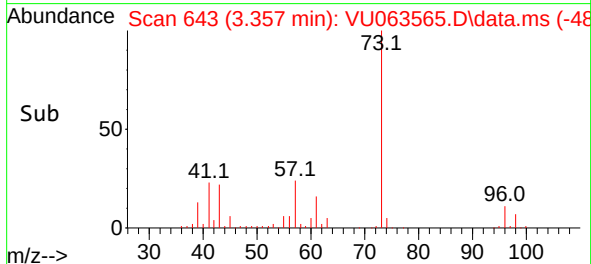
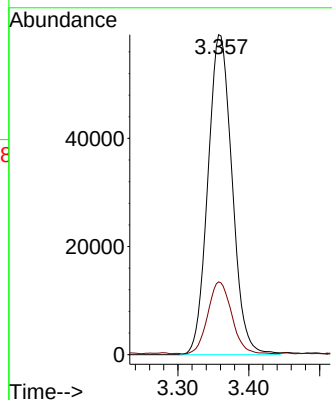
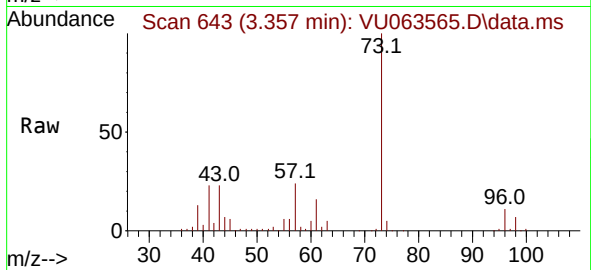
#25
Methyl tert-Butyl Ether
Concen: 5.566 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 140330
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1

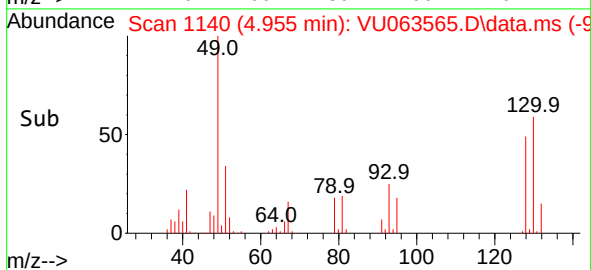
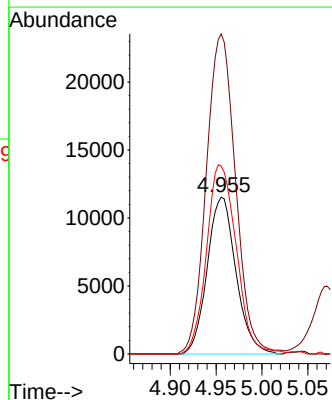
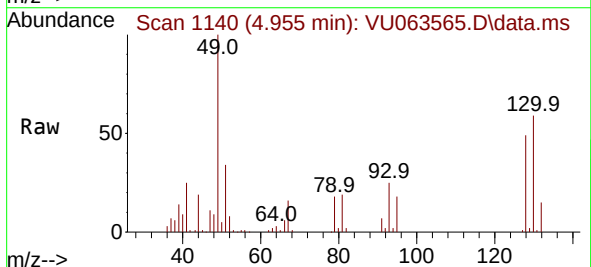
Manual Integrations
APPROVED

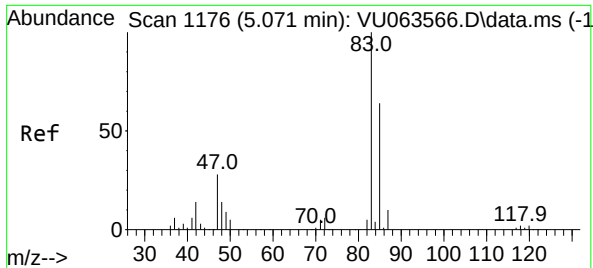
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#26
Bromochloromethane
Concen: 5.003 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion:128 Resp: 25134
Ion Ratio Lower Upper
128 100
49 208.1 0.0 410.2
130 125.1 103.4 155.0





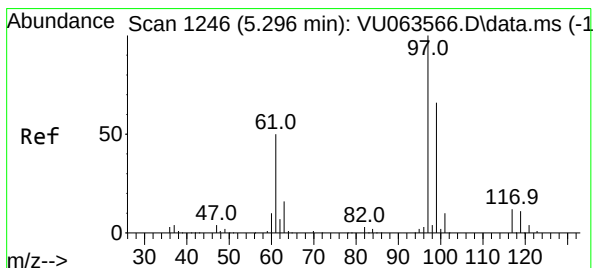
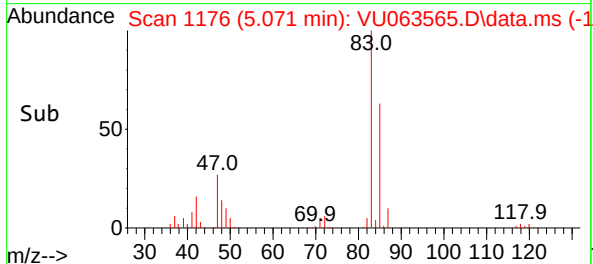
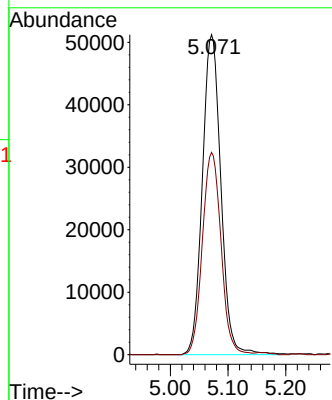
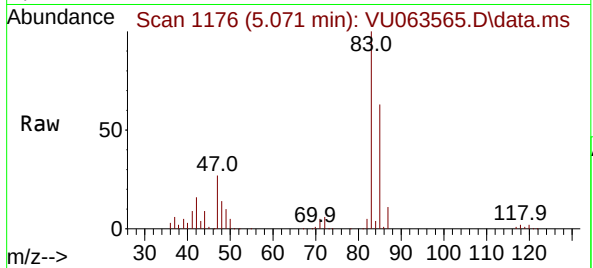
#27
Chloroform
Concen: 5.272 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11402
Ion Ratio Lower Upper
83 100
85 63.2 0.0 128.6

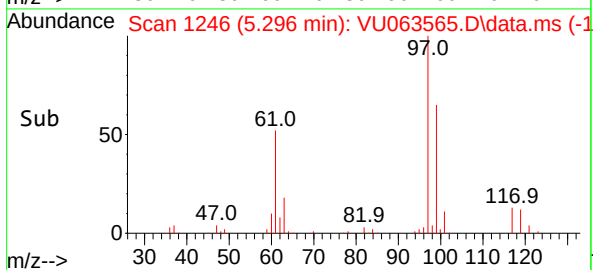
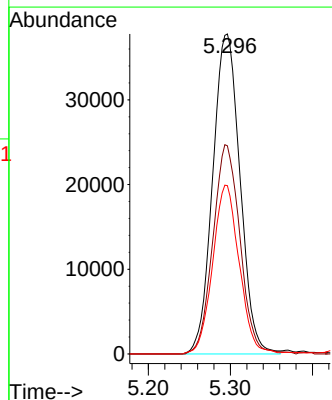
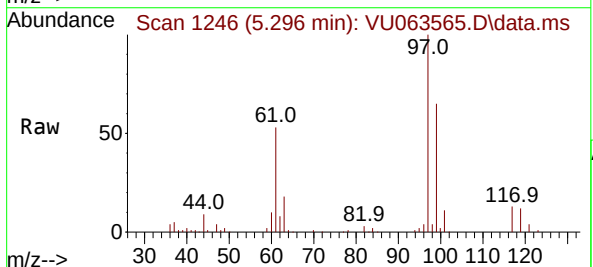
Manual Integrations
APPROVED

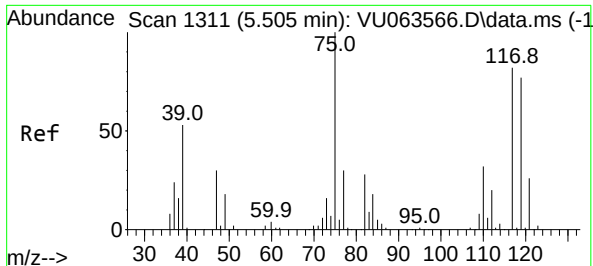
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#28
1,1,1-Trichloroethane
Concen: 5.140 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 97 Resp: 87632
Ion Ratio Lower Upper
97 100
99 64.7 32.4 97.0
61 51.2 25.1 75.4





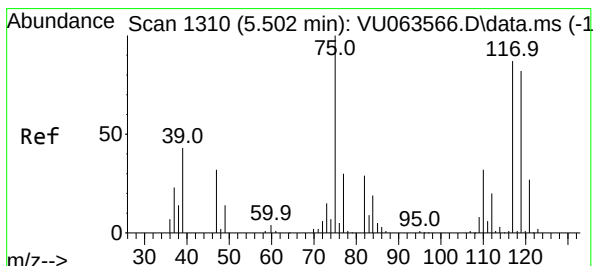
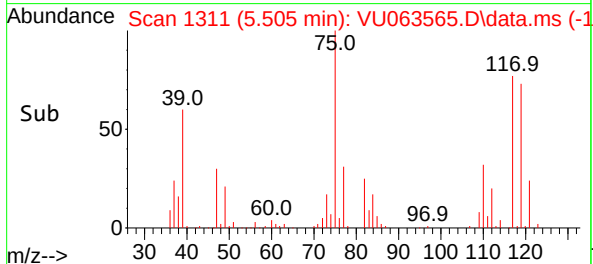
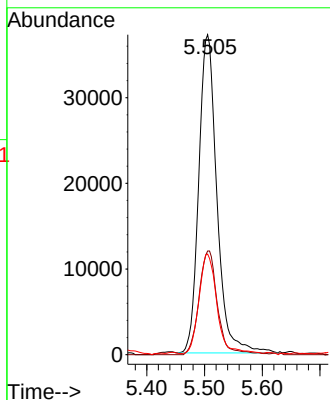
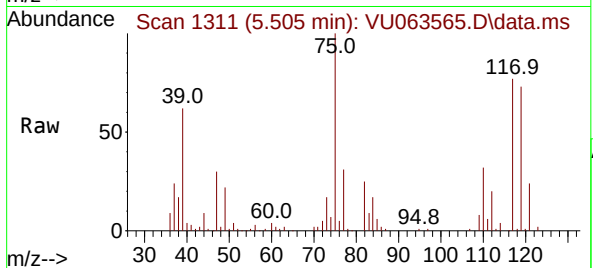
#29
1,1-Dichloropropene
Concen: 5.474 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 8108
Ion Ratio Lower Upper
75 100
110 33.3 16.4 49.4
77 30.9 24.6 37.0

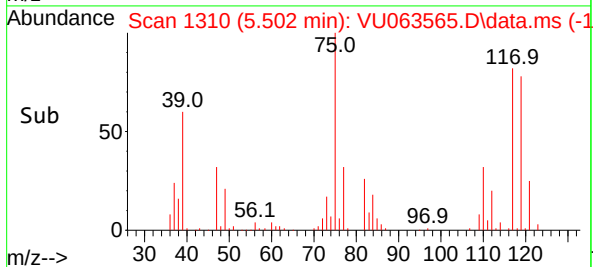
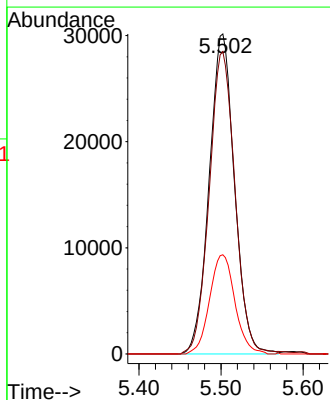
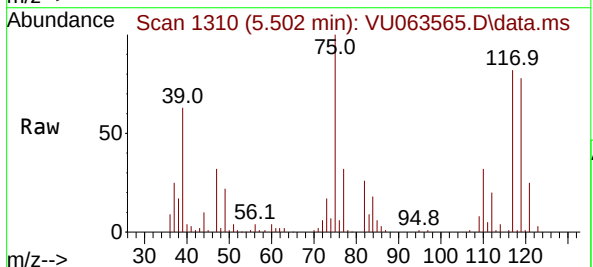
Manual Integrations
APPROVED

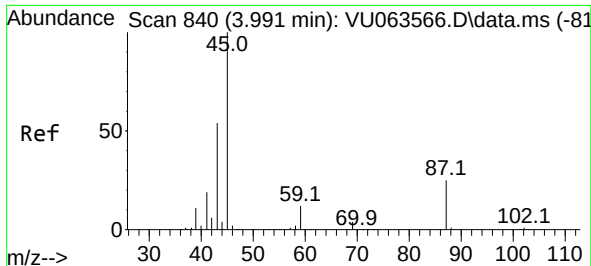
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#30
Carbon Tetrachloride
Concen: 4.952 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

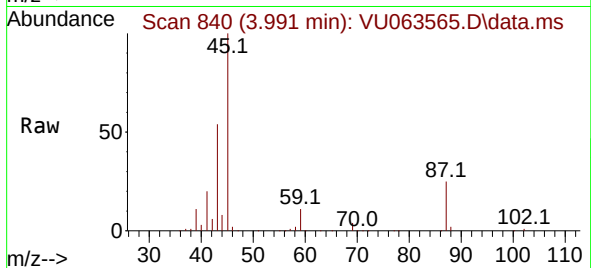
Tgt Ion:117 Resp: 64451
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5
121 31.0 25.4 38.0





#31
Isopropyl Ether
Concen: 6.353 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

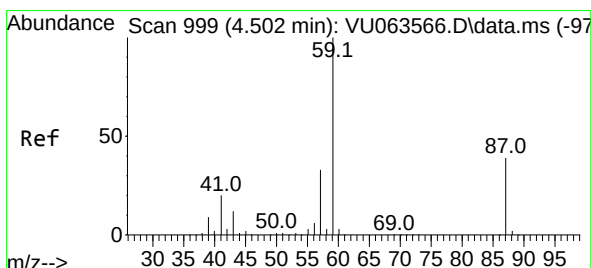
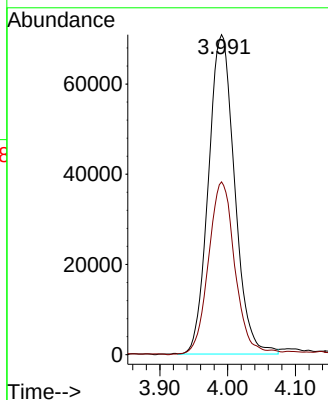
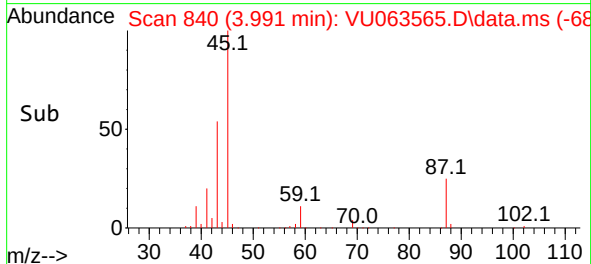
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



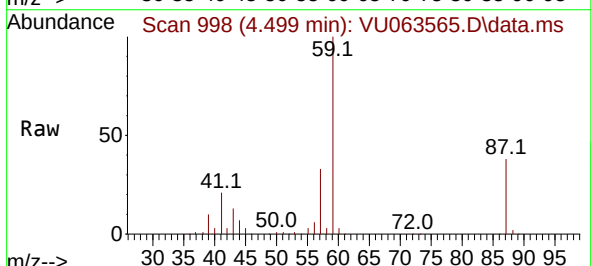
Tgt Ion: 45 Resp: 190369
Ion Ratio Lower Upper
45 100
43 54.3 26.2 78.6

Manual Integrations
APPROVED

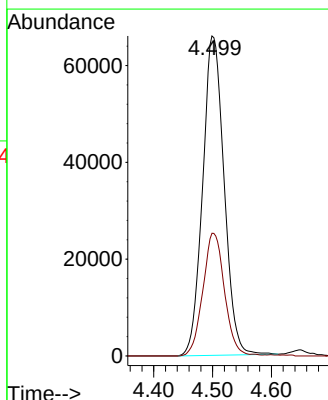
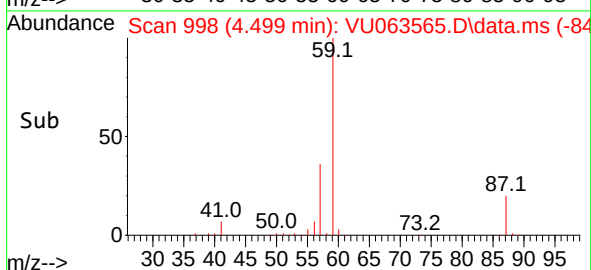
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

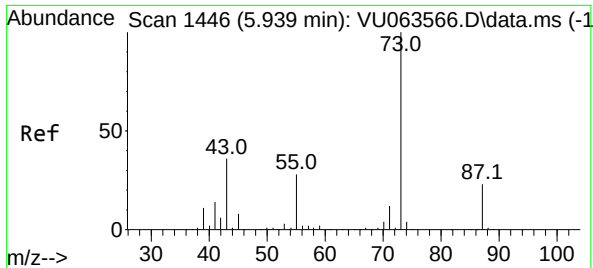


#32
Ethyl-t-butyl ether
Concen: 5.949 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



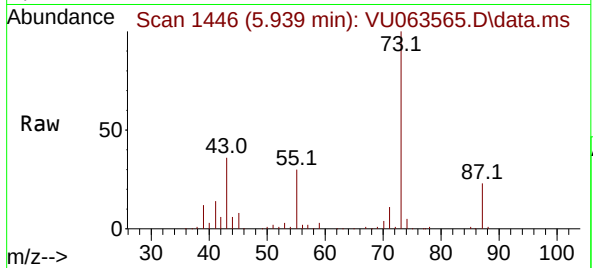
Tgt Ion: 59 Resp: 167058
Ion Ratio Lower Upper
59 100
87 37.9 31.2 46.8





#33
Tert-Amyl methyl ether
Concen: 5.602 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

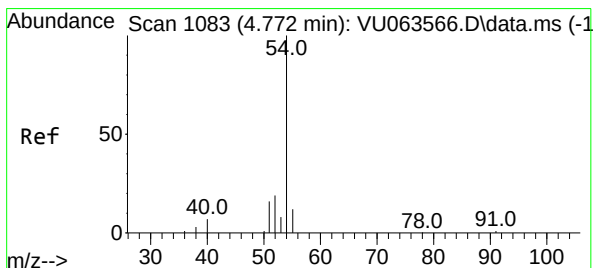
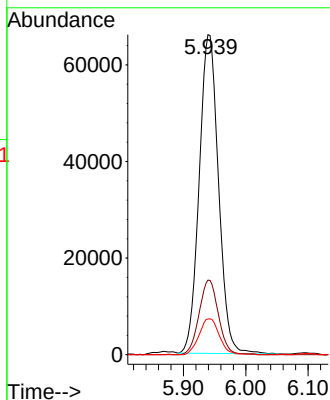
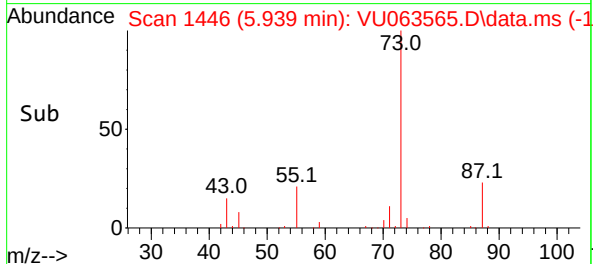
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



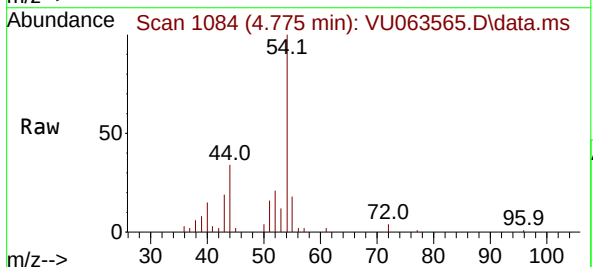
Tgt Ion: 73 Resp: 14211
Ion Ratio Lower Upper
73 100
87 23.5 19.0 28.6
71 11.5 9.4 14.2

Manual Integrations
APPROVED

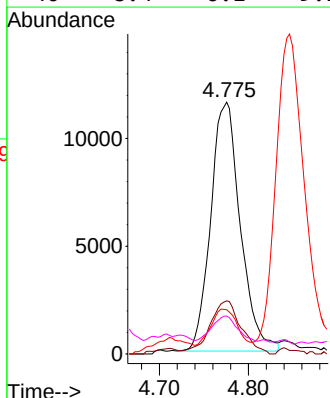
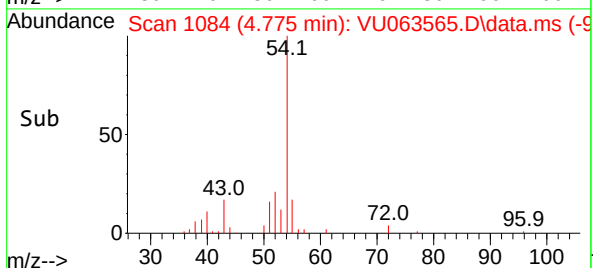
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

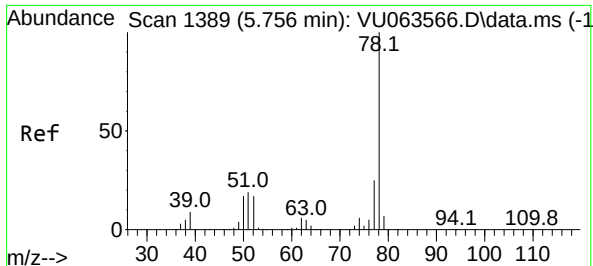


#34
Propionitrile
Concen: 29.160 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



Tgt Ion: 54 Resp: 26668
Ion Ratio Lower Upper
54 100
52 22.6 15.2 22.8
55 14.8 11.7 17.5
40 8.4 6.1 9.1





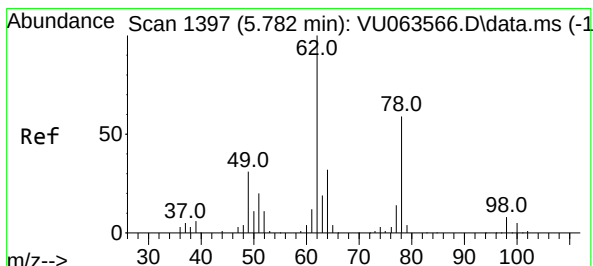
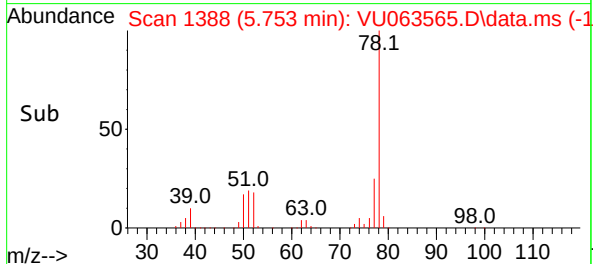
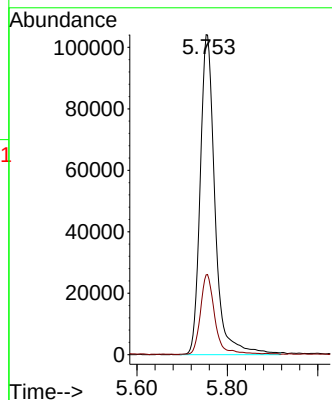
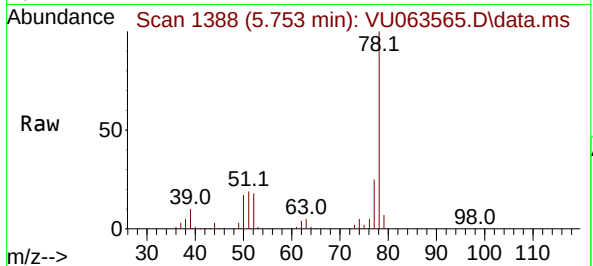
#35
Benzene
Concen: 5.451 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 23745
Ion Ratio Lower Upper
78 100
77 24.8 19.8 29.8

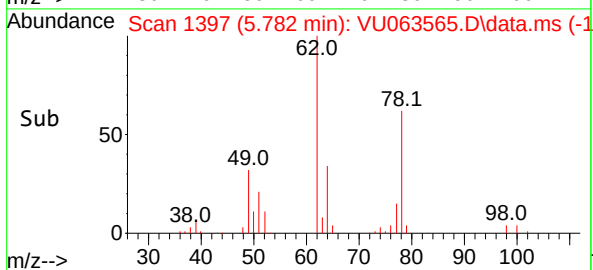
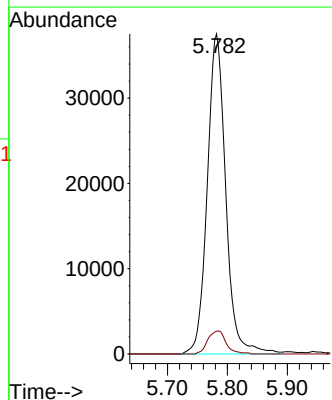
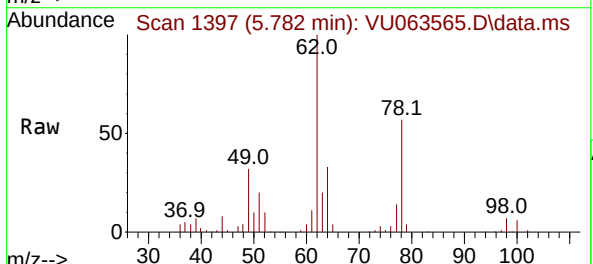
Manual Integrations
APPROVED

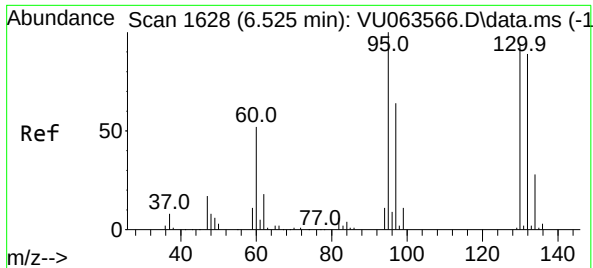
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#36
1,2-Dichloroethane
Concen: 5.699 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 62 Resp: 80490
Ion Ratio Lower Upper
62 100
98 7.2 6.3 9.5





#37
Trichloroethene
Concen: 5.403 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

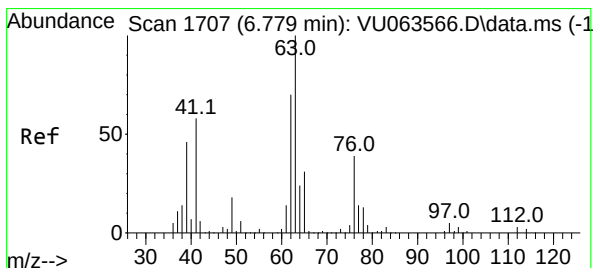
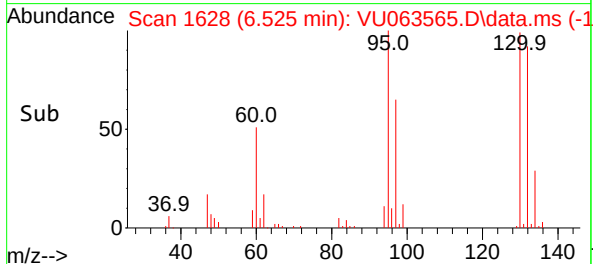
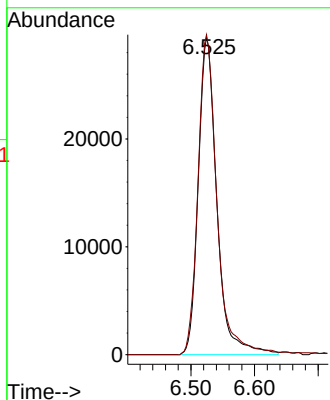
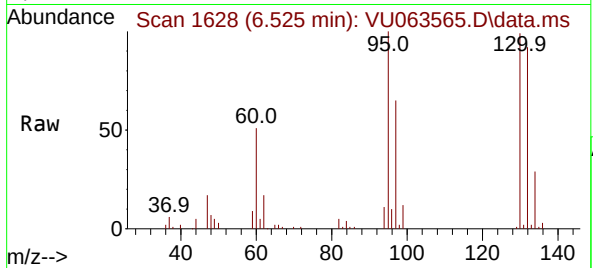
VSTDICC005

Tgt Ion:130 Resp: 59652
Ion Ratio Lower Upper
130 100
95 100.7 85.4 128.2

Manual Integrations

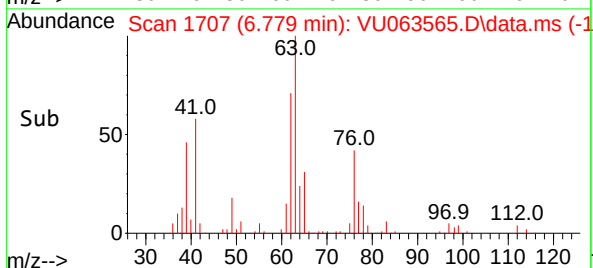
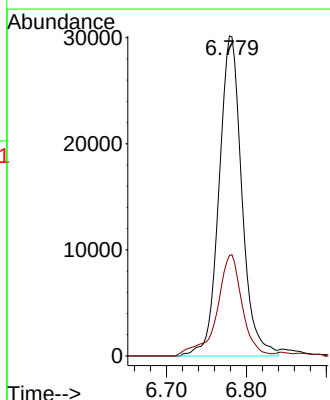
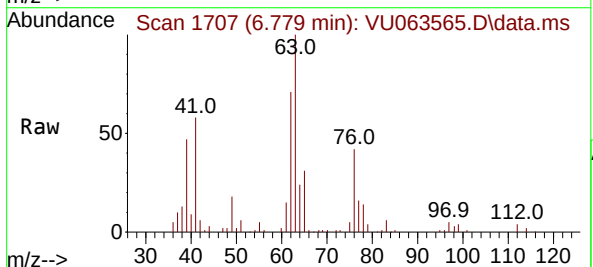
APPROVED

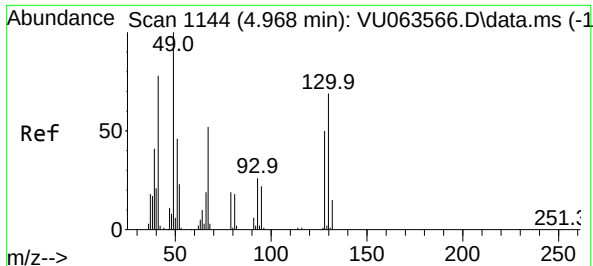
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#38
1,2-Dichloropropane
Concen: 5.874 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 63 Resp: 59765
Ion Ratio Lower Upper
63 100
65 30.9 24.9 37.3





#39

Methacrylonitrile

Concen: 6.290 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

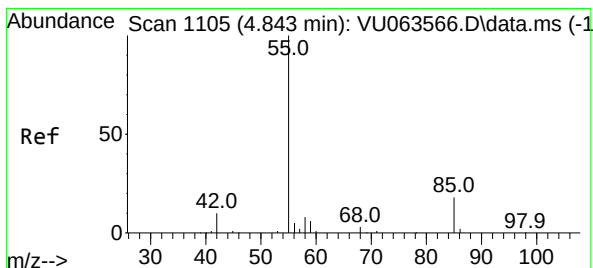
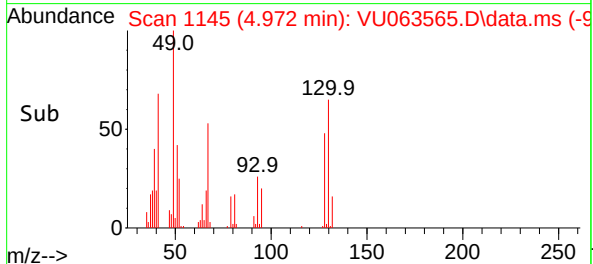
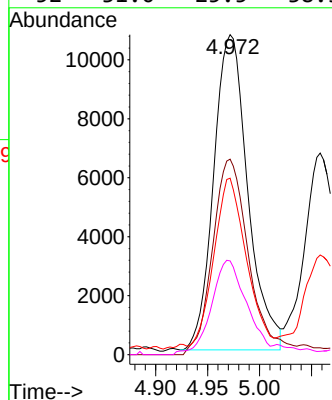
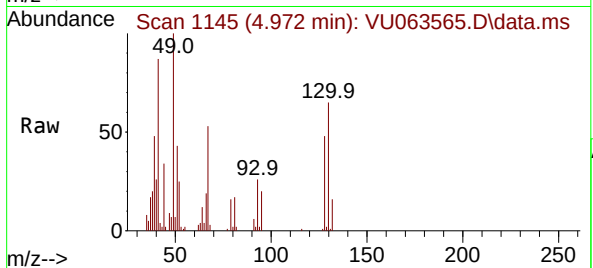
VSTDICC005

Tgt Ion:	41	Resp:	24434
Ion	Ratio	Lower	Upper
41	100		
67	65.7	57.7	86.5
39	49.6	44.6	67.0
52	31.0	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: 5.315 ug/l

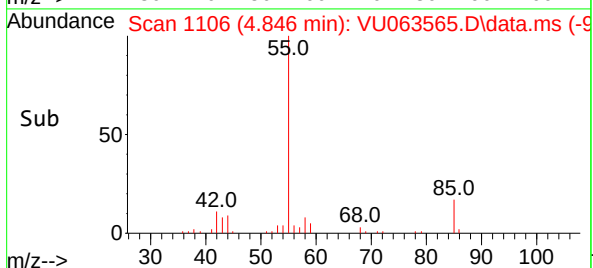
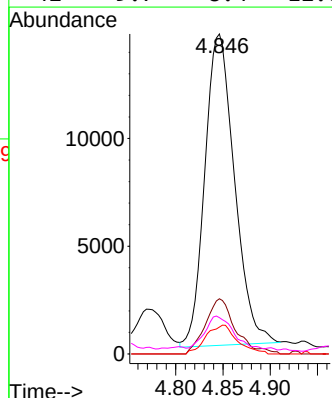
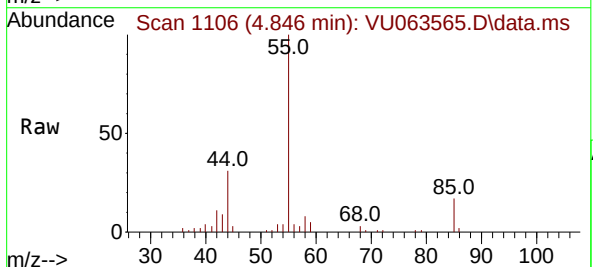
RT: 4.846 min Scan# 1106

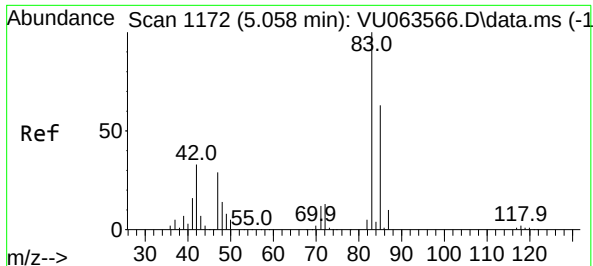
Delta R.T. 0.003 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Tgt Ion:	55	Resp:	31574
Ion	Ratio	Lower	Upper
55	100		
85	17.9	12.8	19.2
58	9.7	6.6	10.0
42	9.7	8.4	12.6





#41

Tetrahydrofuran

Concen: 11.549 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

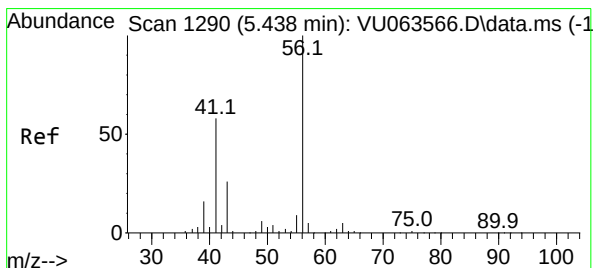
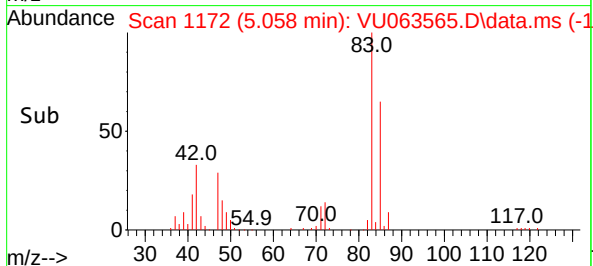
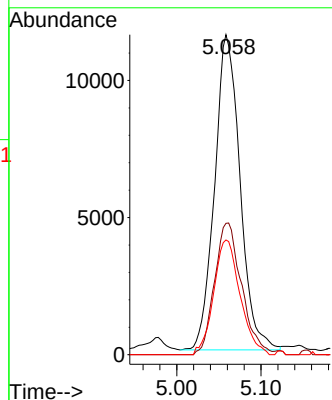
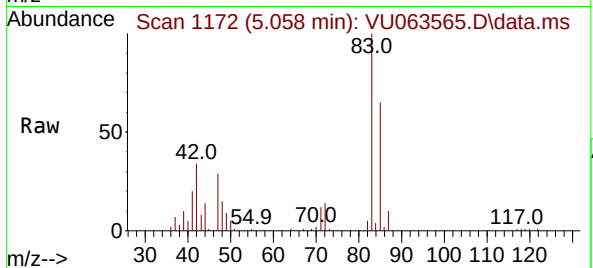
VSTDIC005

Tgt Ion:	42	Resp:	24119
Ion Ratio	Lower	Upper	
42	100		
72	44.2	34.1	51.1
71	37.7	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: 6.047 ug/l

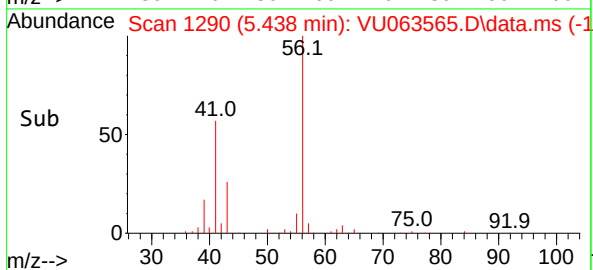
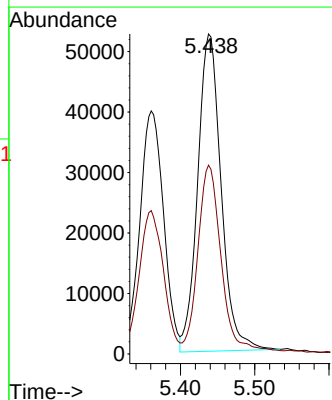
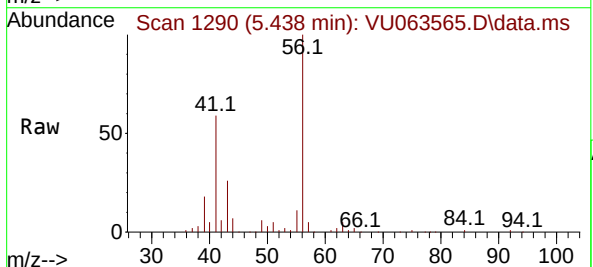
RT: 5.438 min Scan# 1290

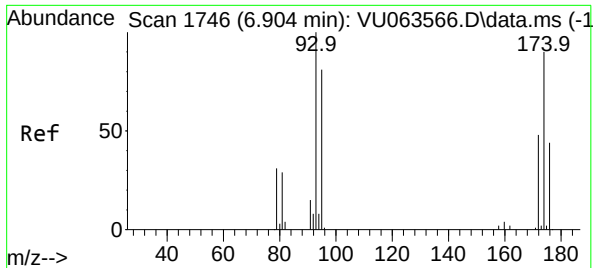
Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

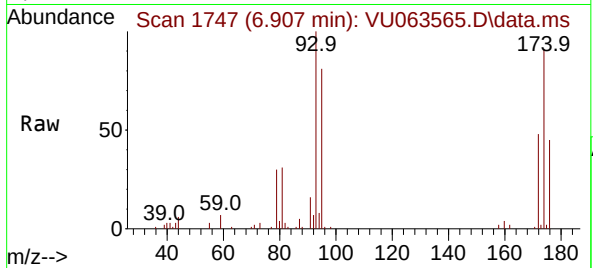
Tgt Ion:	56	Resp:	115107
Ion Ratio	Lower	Upper	
56	100		
41	57.1	28.3	84.9





#43
Dibromomethane
Concen: 5.640 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

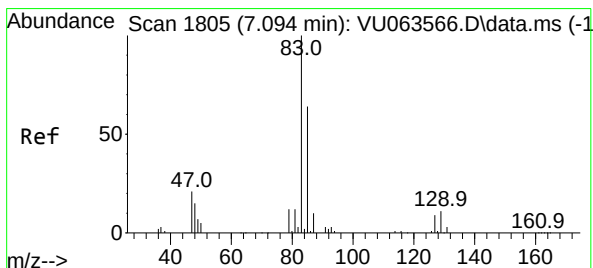
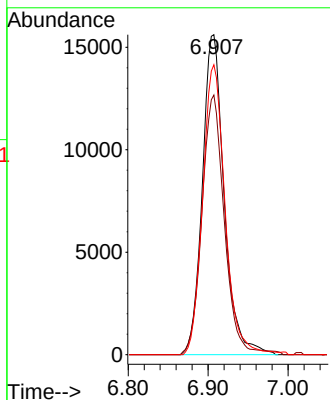
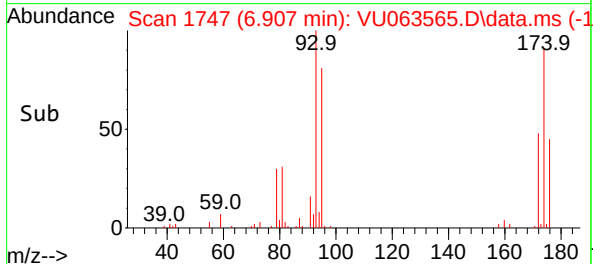
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



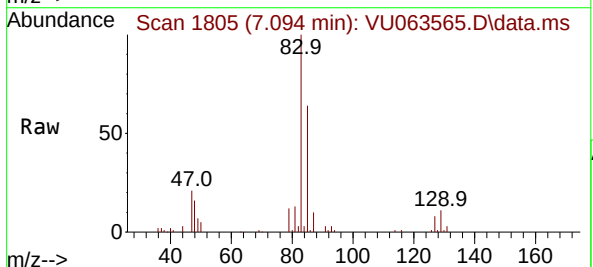
Tgt Ion: 93 Resp: 29618
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 93.1 72.7 109.1

Manual Integrations
APPROVED

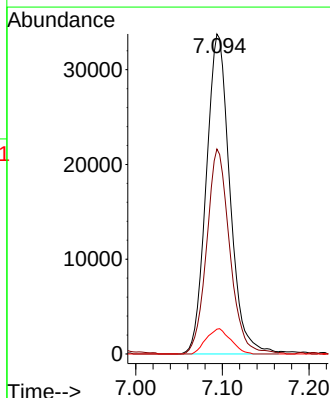
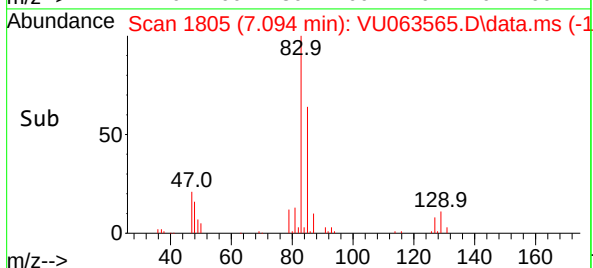
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

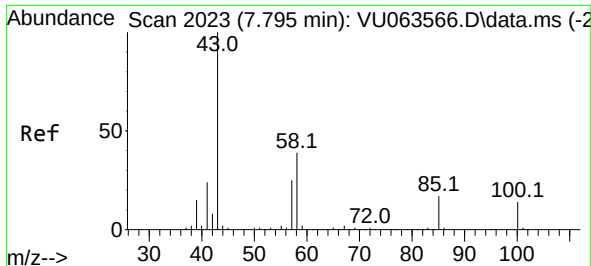


#44
Bromodichloromethane
Concen: 5.731 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



Tgt Ion: 83 Resp: 63833
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 7.7 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 36.739 ug/l

RT: 7.795 min Scan# 2023

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 189639

Ion Ratio Lower Upper

43 100

58 37.1 18.9 56.9

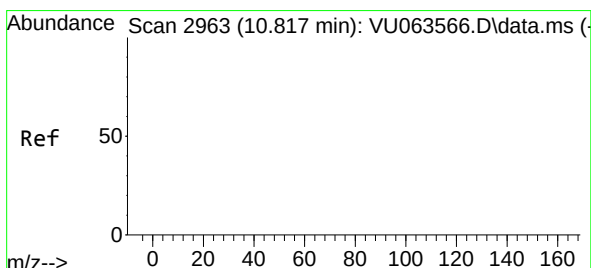
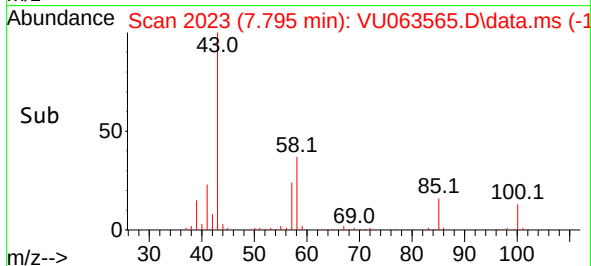
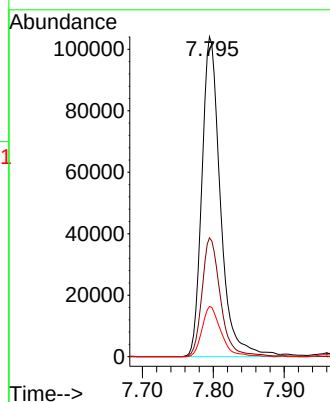
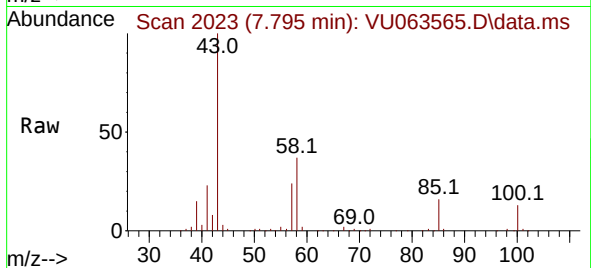
85 16.1 13.3 19.9

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: 12.171 ug/l m

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Tgt Ion: 75 Resp: 28767

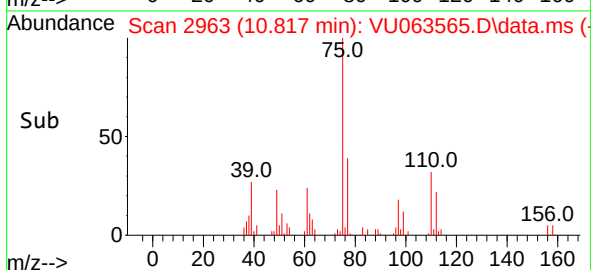
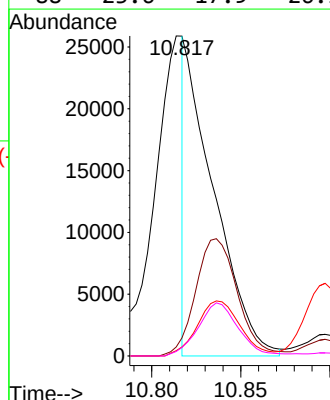
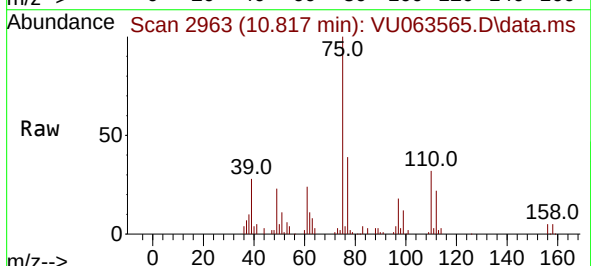
Ion Ratio Lower Upper

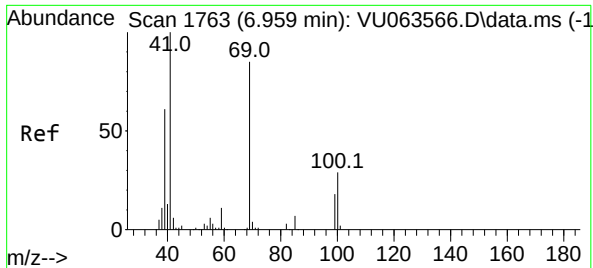
75 100

53 53.9 43.2 64.8

89 26.0 21.9 32.9

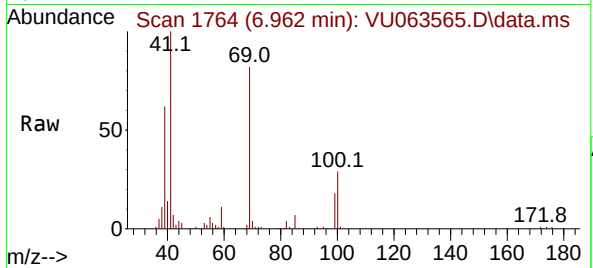
88 23.6 17.9 26.9





#47
Methyl methacrylate
Concen: 11.464 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

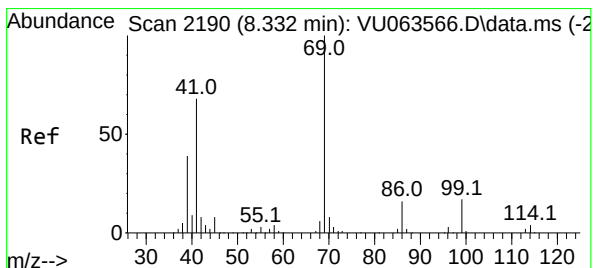
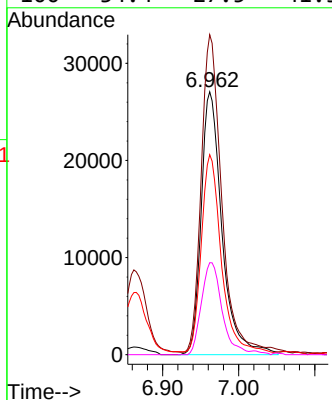
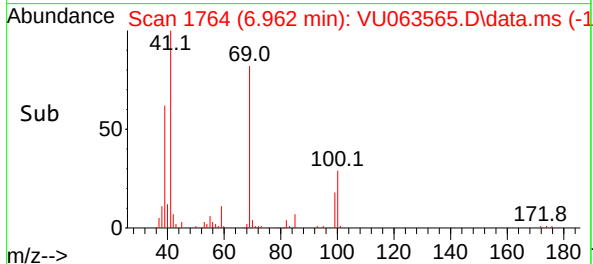
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 51564
Ion Ratio Lower Upper
69 100
41 118.8 0.0 236.8
39 74.7 57.8 86.6
100 34.4 27.5 41.3

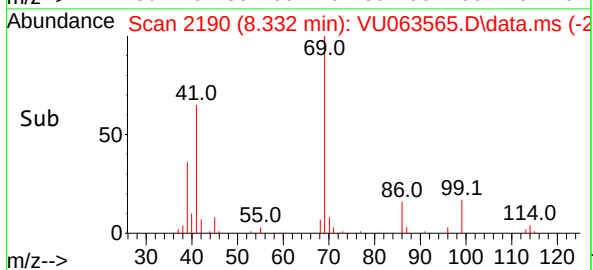
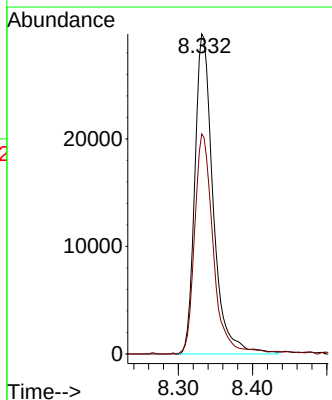
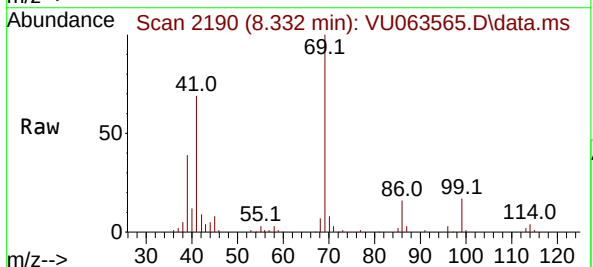
Manual Integrations
APPROVED

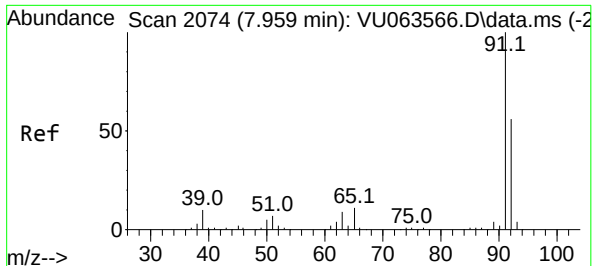
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#48
Ethyl methacrylate
Concen: 6.741 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion: 69 Resp: 50988
Ion Ratio Lower Upper
69 100
41 69.7 33.7 101.1





#49

Toluene

Concen: 6.483 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 92 Resp: 130375

Ion Ratio Lower Upper

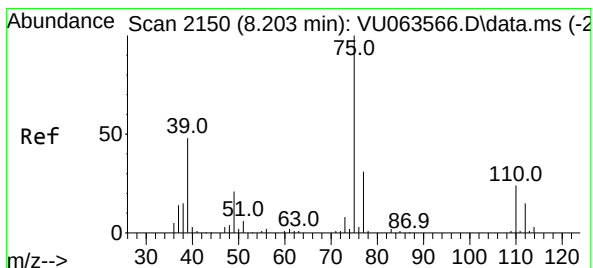
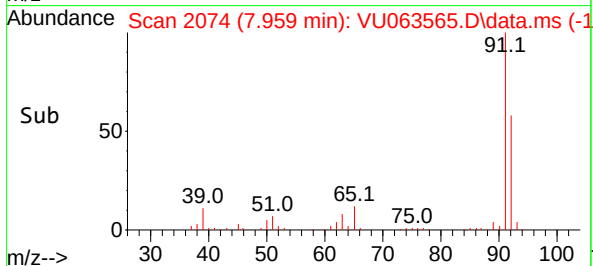
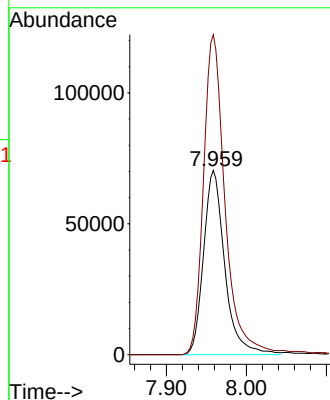
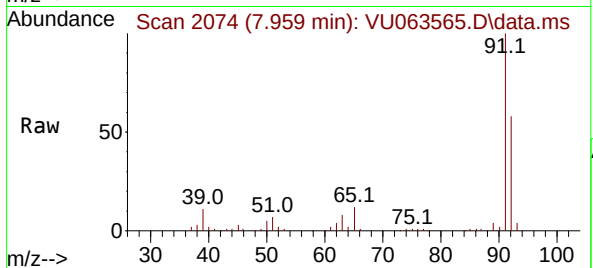
92 100

91 175.0 139.4 209.2

Manual Integrations

APPROVED

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



#50

t-1,3-Dichloropropene

Concen: 6.107 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063565.D

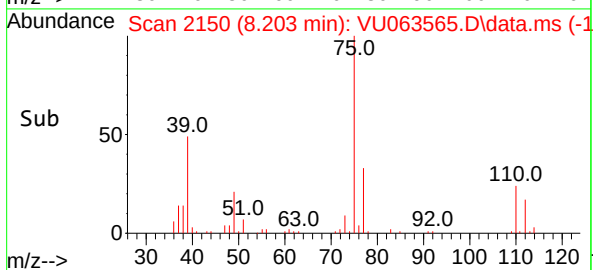
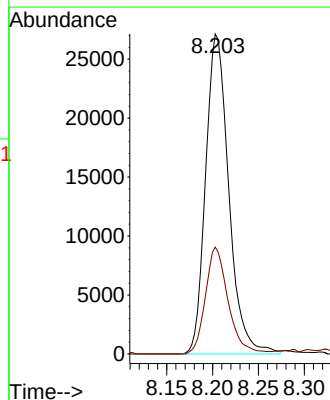
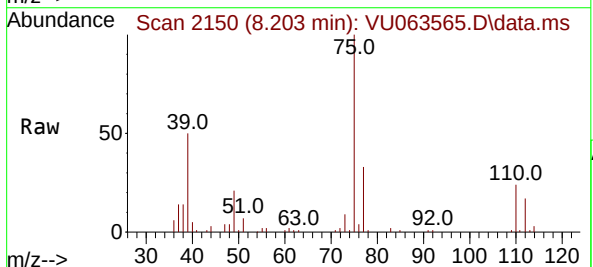
Acq: 12 Sep 2025 10:52

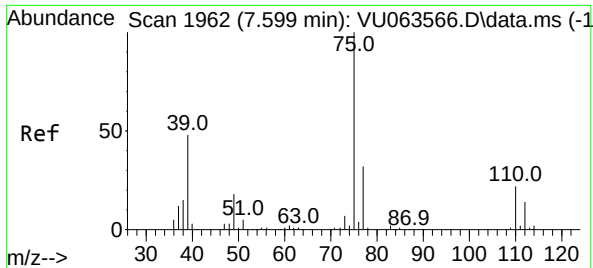
Tgt Ion: 75 Resp: 47697

Ion Ratio Lower Upper

75 100

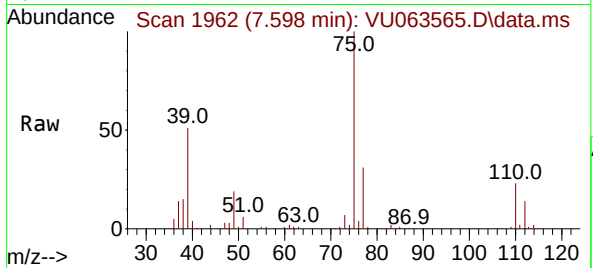
77 33.4 24.8 37.2





#51
 cis-1,3-Dichloropropene
 Concen: 6.411 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

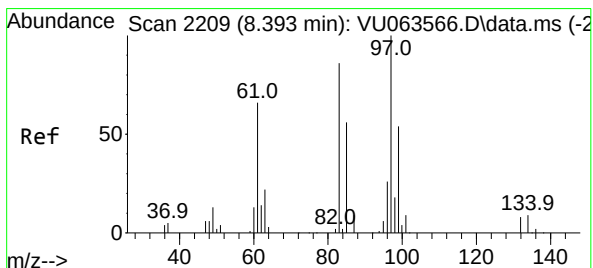
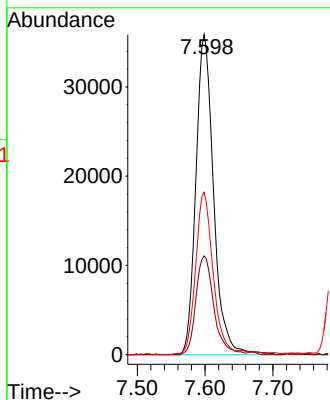
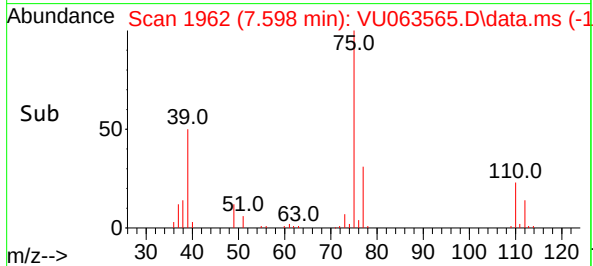
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 65052
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 50.4 38.8 58.2

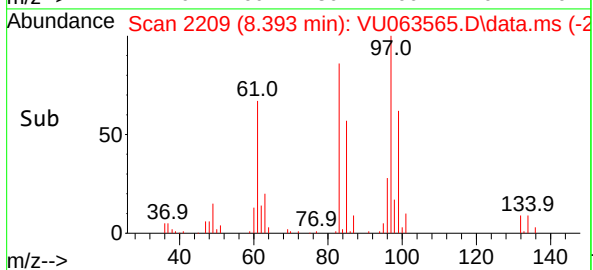
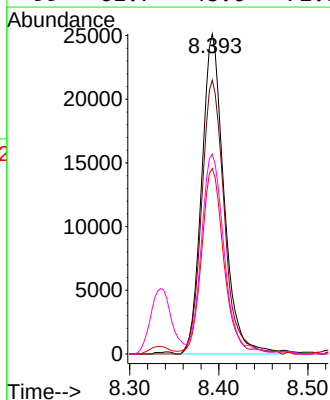
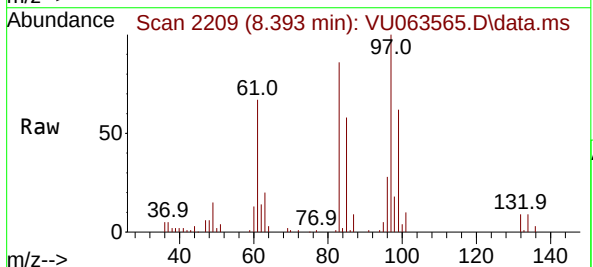
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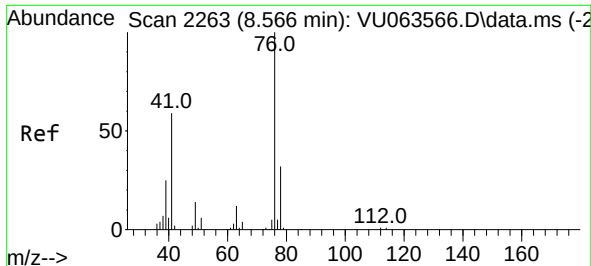
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025



#52
 1,1,2-Trichloroethane
 Concen: 6.317 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

Tgt Ion: 97 Resp: 43628
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.5 102.7
 85 57.2 45.0 67.6
 99 61.7 48.6 72.8





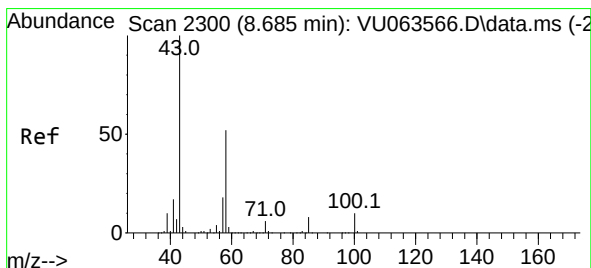
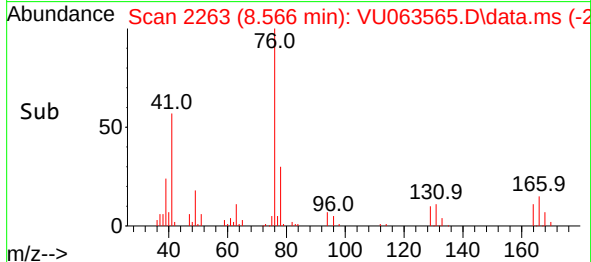
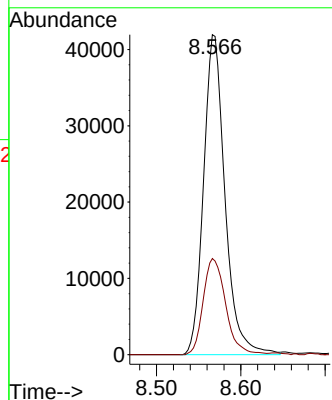
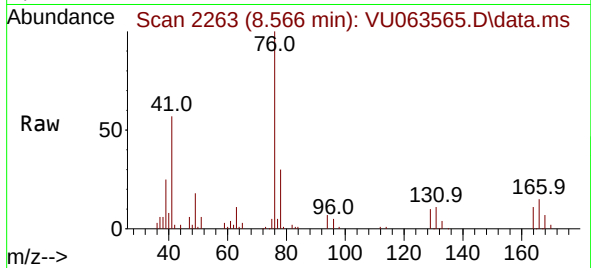
#53
1,3-Dichloropropane
Concen: 6.521 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 74264
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.2

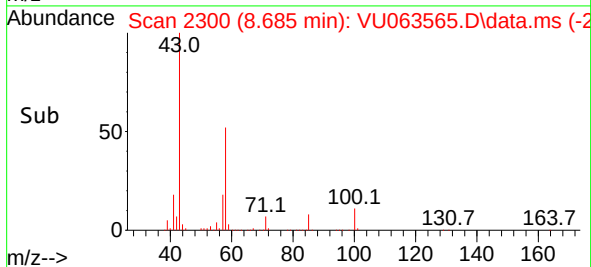
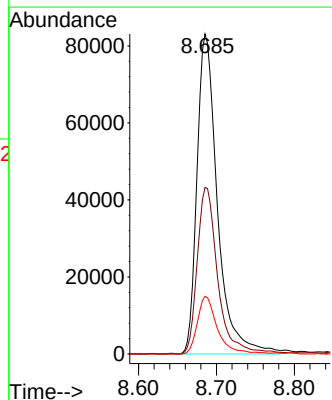
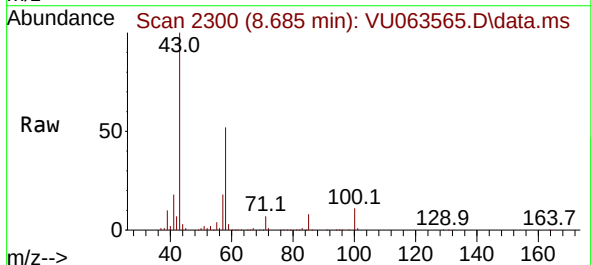
Manual Integrations
APPROVED

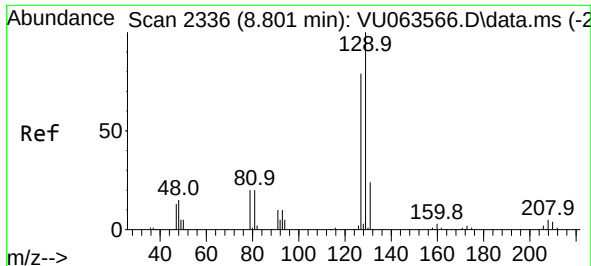
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#54
2-Hexanone
Concen: 36.410 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

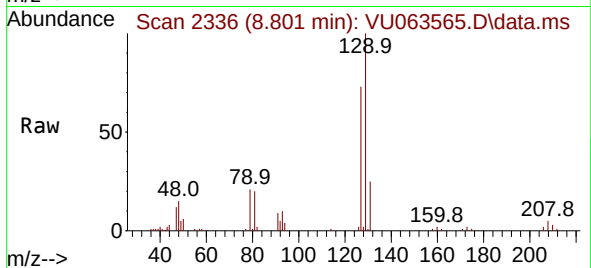
Tgt Ion: 43 Resp: 151743
Ion Ratio Lower Upper
43 100
58 52.2 32.7 72.7
57 17.5 0.0 38.2





#55
Dibromochloromethane
Concen: 6.318 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

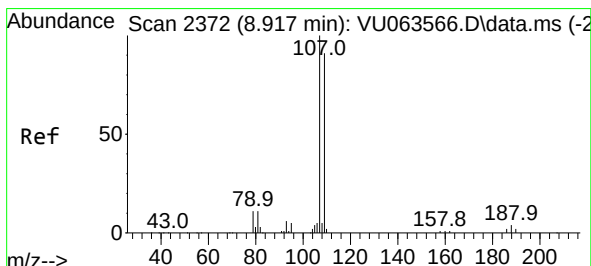
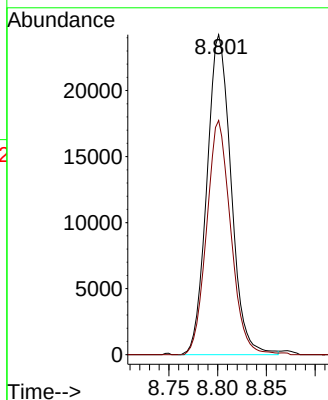
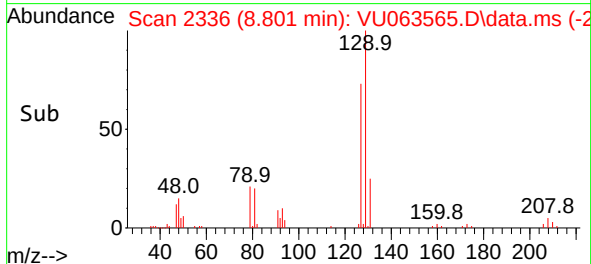
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



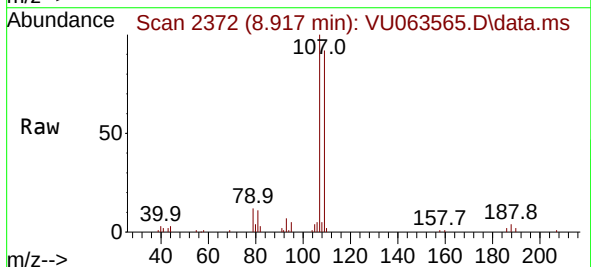
Tgt Ion:129 Resp: 41889
Ion Ratio Lower Upper
129 100
127 73.0 61.9 92.9

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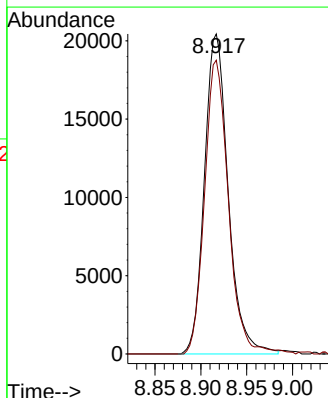
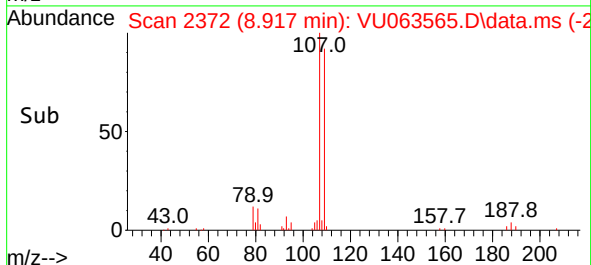
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

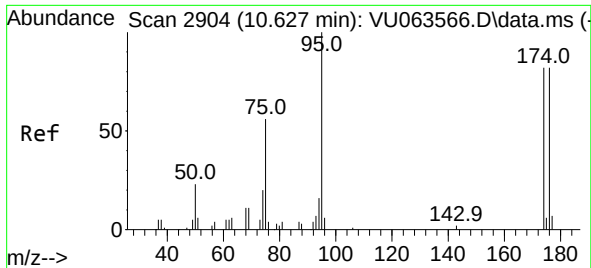


#56
1,2-Dibromoethane
Concen: 6.310 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



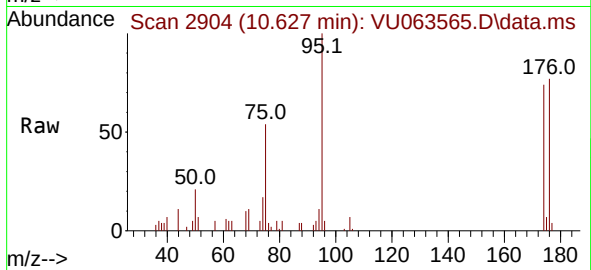
Tgt Ion:107 Resp: 36921
Ion Ratio Lower Upper
107 100
109 92.0 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 1.144 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

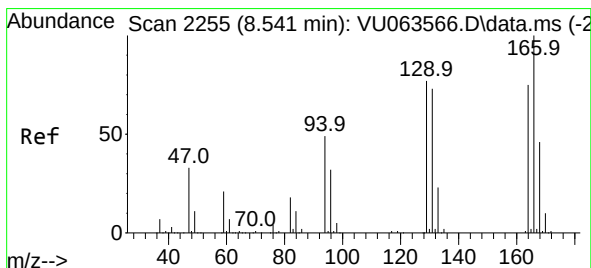
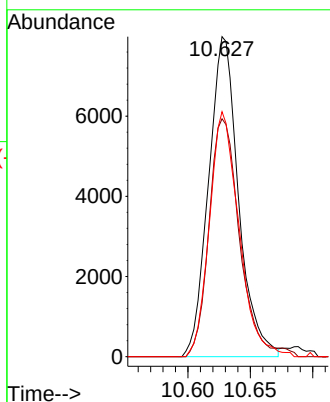
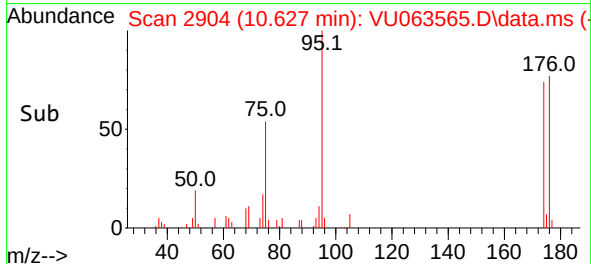
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



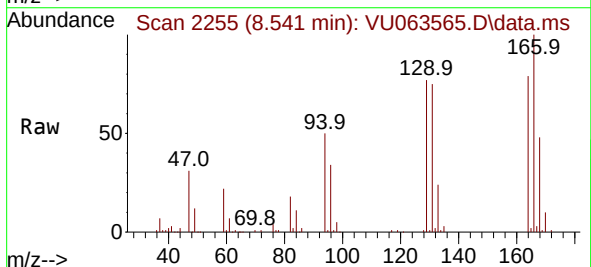
Tgt Ion: 95 Resp: 13329
Ion Ratio Lower Upper
95 100
174 76.1 64.7 97.1
176 75.7 66.2 99.4

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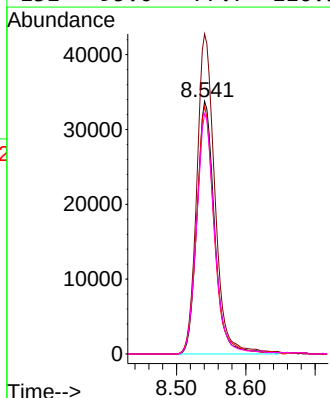
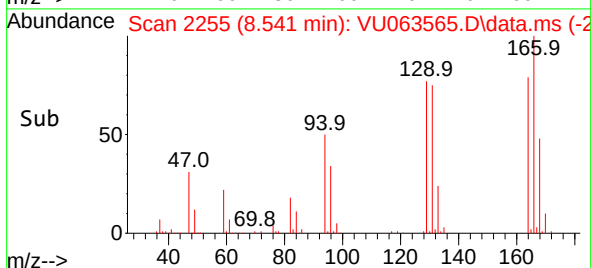
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

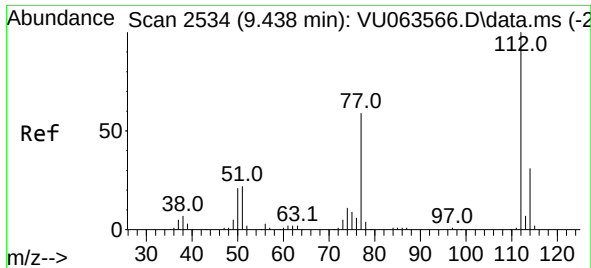


#58
Tetrachloroethene
Concen: 6.785 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



Tgt Ion:164 Resp: 59858
Ion Ratio Lower Upper
164 100
166 126.7 106.4 159.6
129 98.0 81.4 122.2
131 95.0 77.7 116.5





#59

Chlorobenzene

Concen: 6.463 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 153579

Ion Ratio Lower Upper

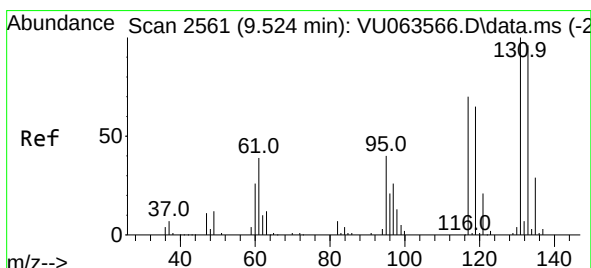
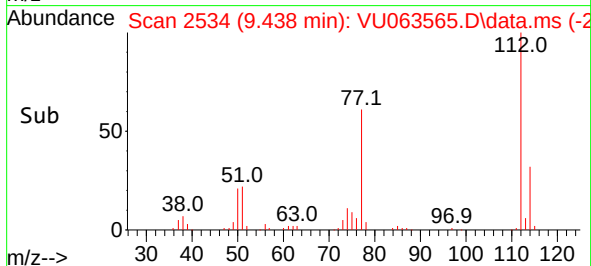
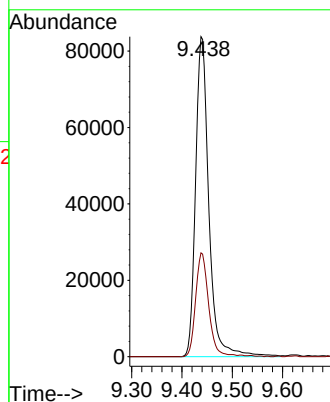
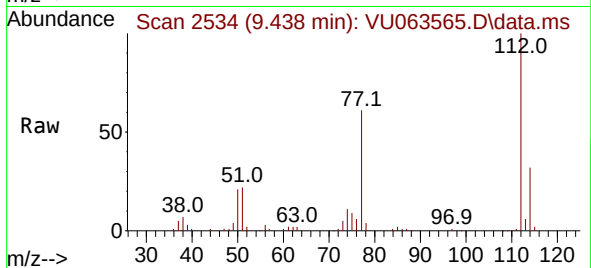
112 100

114 32.4 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: 6.298 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

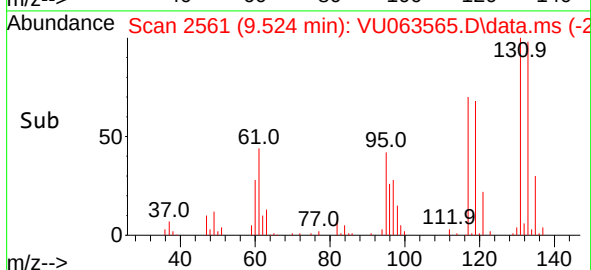
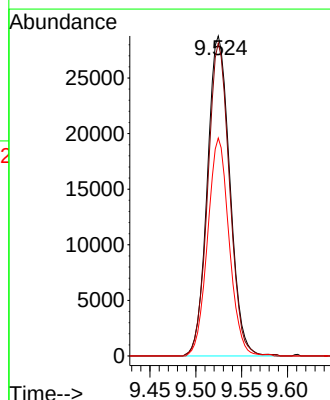
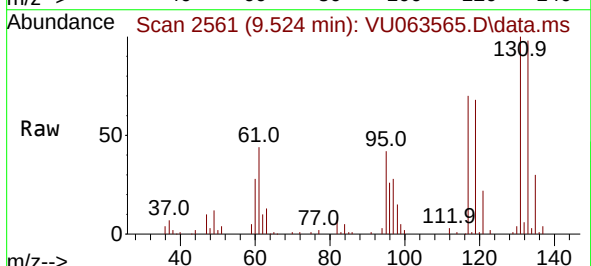
Tgt Ion:131 Resp: 49082

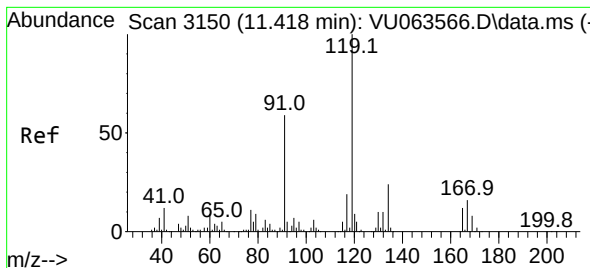
Ion Ratio Lower Upper

131 100

133 94.9 75.8 113.8

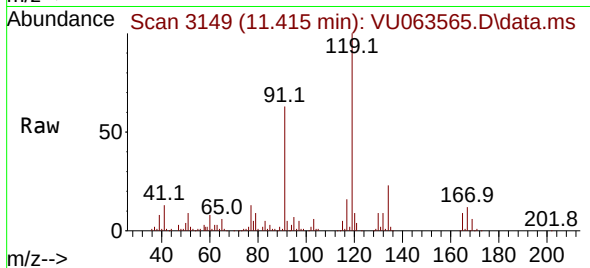
119 65.0 51.8 77.6





#61
Pentachloroethane
Concen: 5.855 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

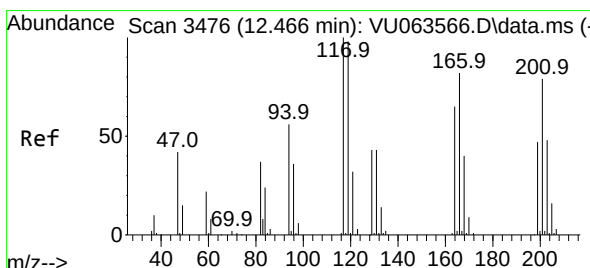
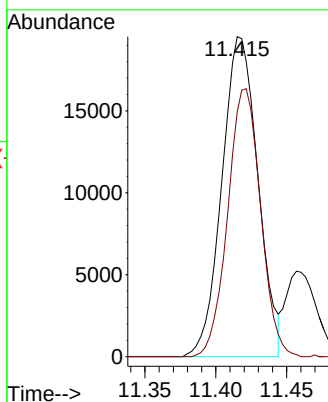
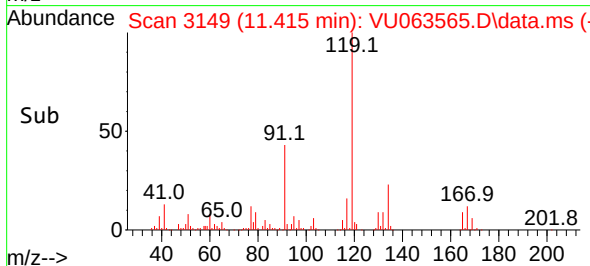
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 34589
Ion Ratio Lower Upper
117 100
167 76.2 62.6 93.8

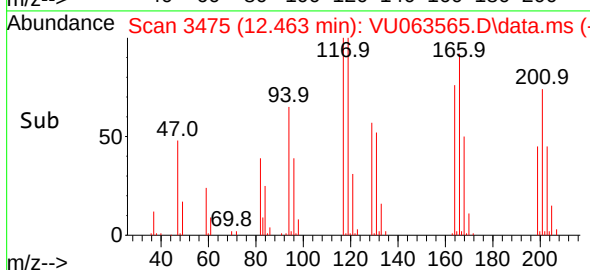
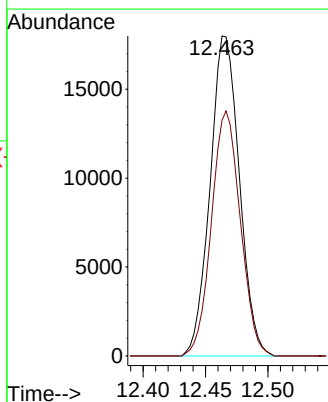
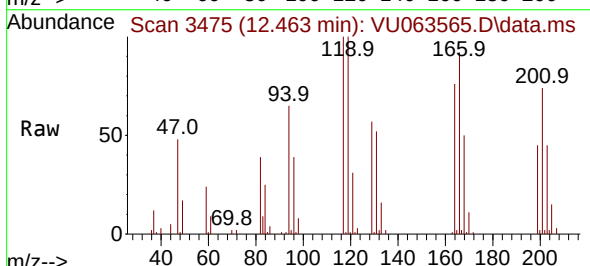
Manual Integrations
APPROVED

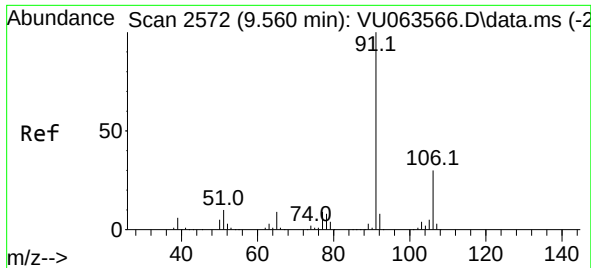
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#62
Hexachloroethane
Concen: 5.712 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

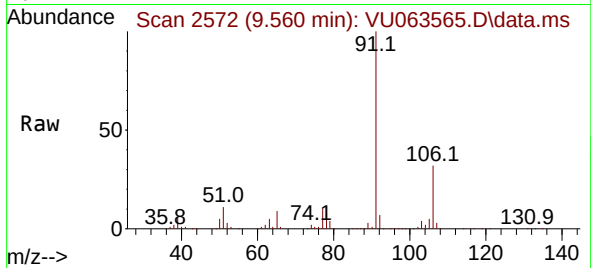
Tgt Ion:117 Resp: 29498
Ion Ratio Lower Upper
117 100
201 75.4 61.0 91.6





#63
Ethyl Benzene
Concen: 6.299 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

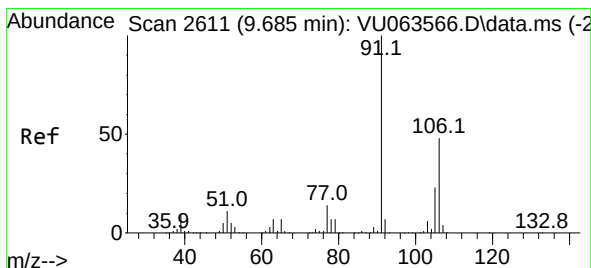
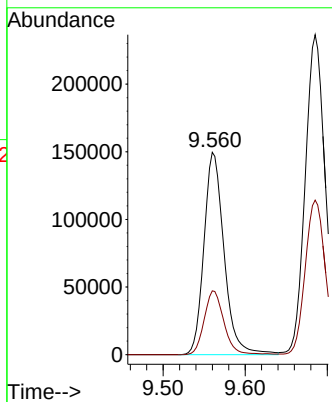
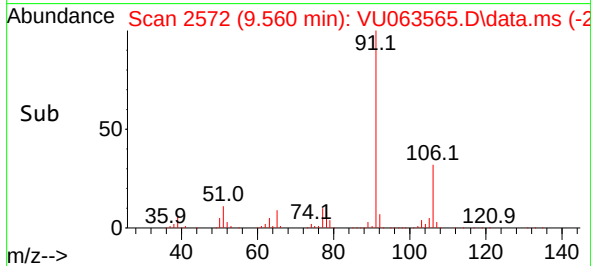
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 255683
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.8

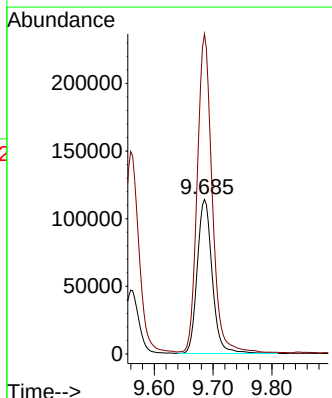
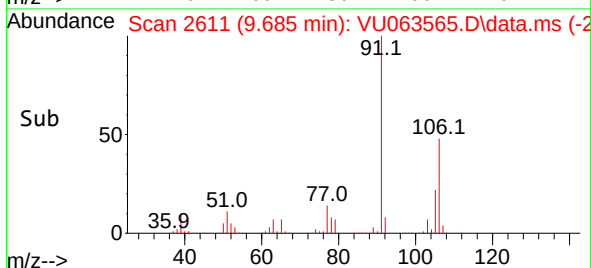
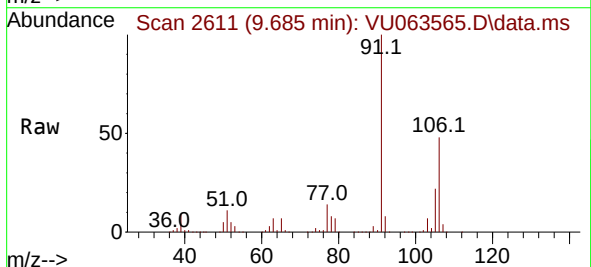
Manual Integrations
APPROVED

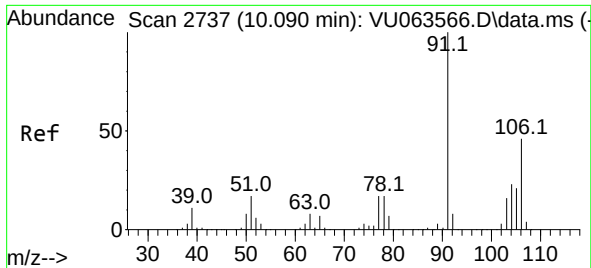
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#64
m/p-Xylenes
Concen: 12.849 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion:106 Resp: 200609
Ion Ratio Lower Upper
106 100
91 207.9 167.0 250.4





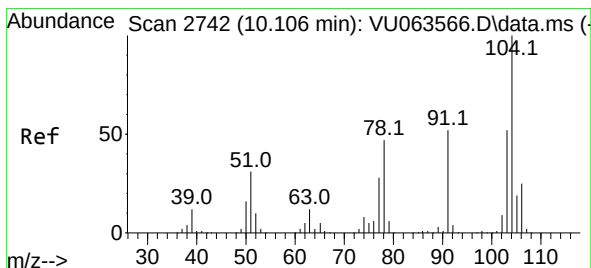
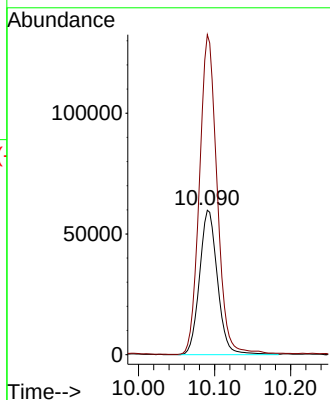
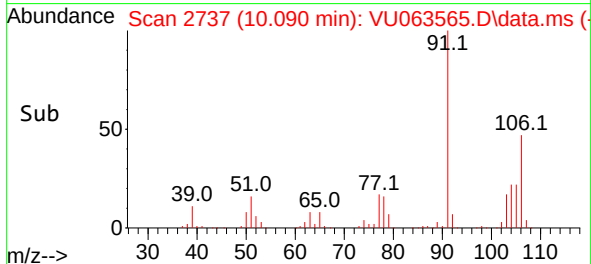
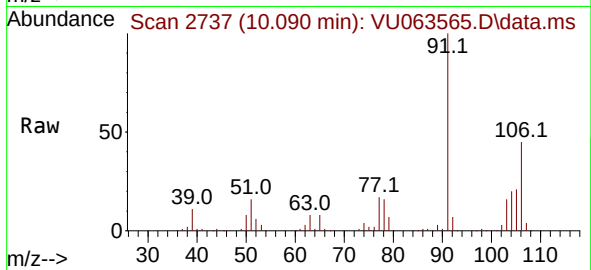
#65
o-Xylene
Concen: 6.351 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 9832
Ion Ratio Lower Upper
106 100
91 218.7 108.7 326.1

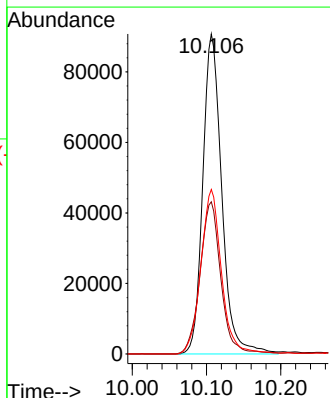
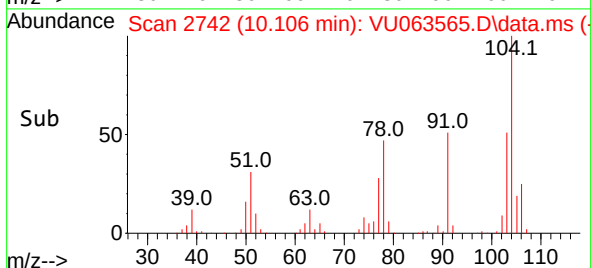
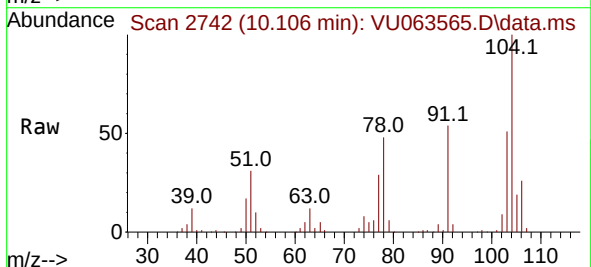
Manual Integrations
APPROVED

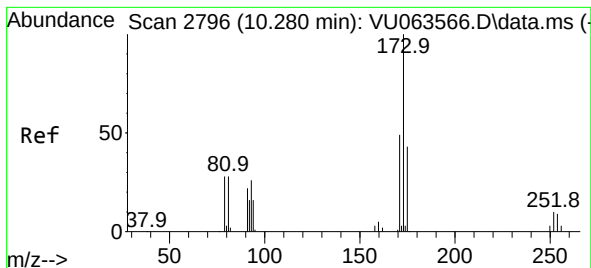
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#66
Styrene
Concen: 6.376 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion:104 Resp: 161106
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.8 44.2 66.2





#67

Bromoform

Concen: 6.199 ug/l

RT: 10.283 min Scan# 2796

Delta R.T. 0.003 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 20629

Ion Ratio Lower Upper

173 100

175 49.3 37.0 55.6

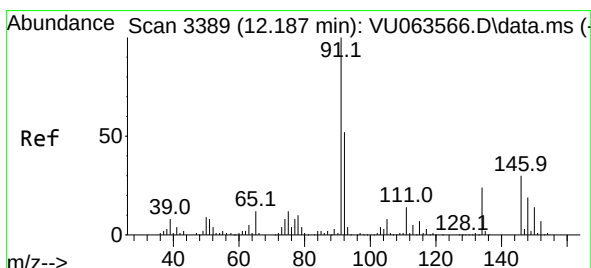
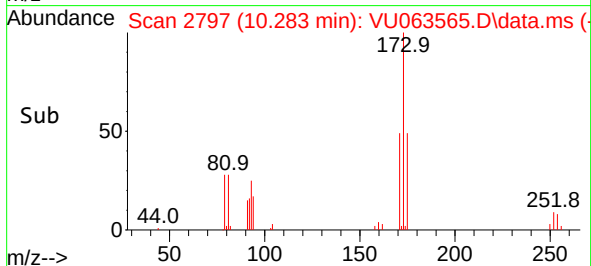
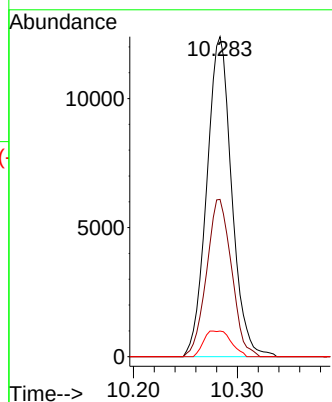
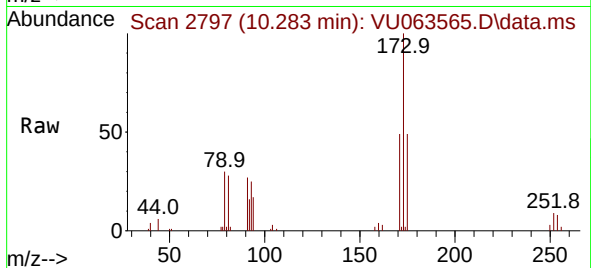
254 8.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.217 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

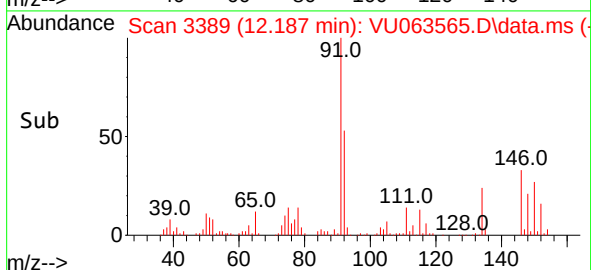
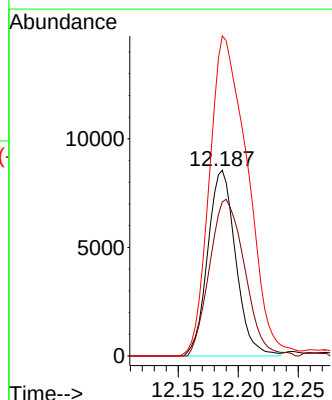
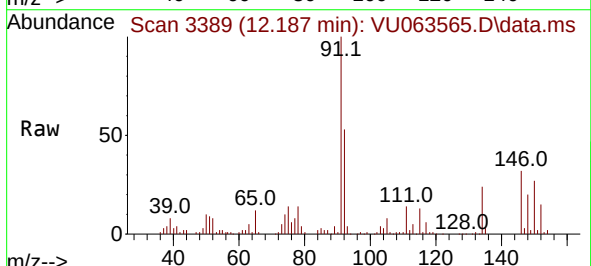
Tgt Ion:152 Resp: 13885

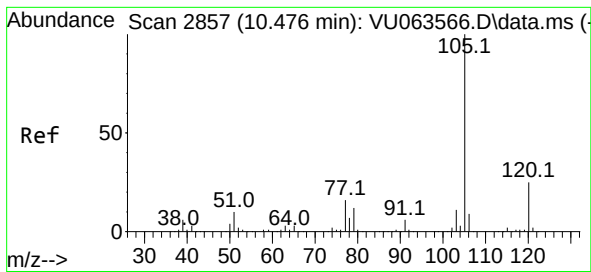
Ion Ratio Lower Upper

152 100

115 105.7 0.0 260.6

150 234.5 0.0 661.8





#69

Isopropylbenzene

Concen: 6.318 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 24000

Ion Ratio Lower Upper

105 100

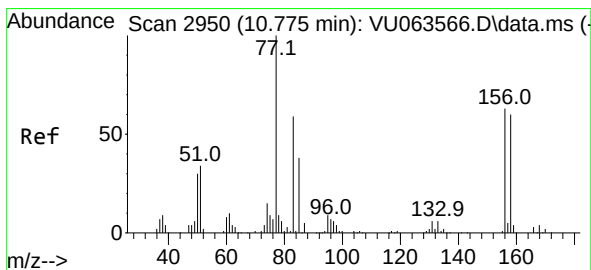
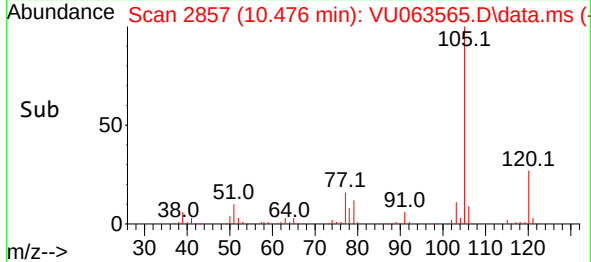
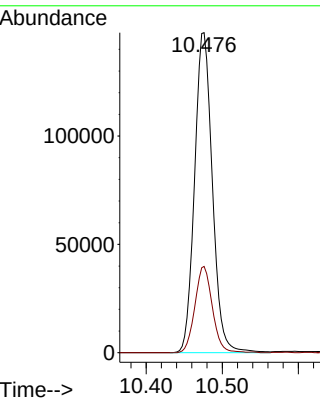
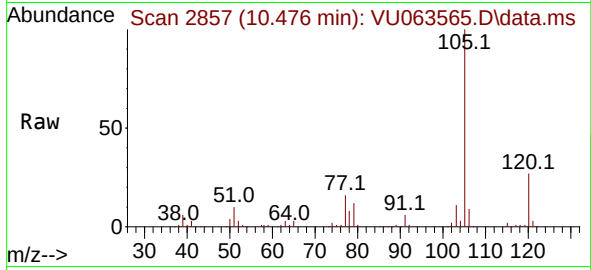
120 26.4 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 6.124 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

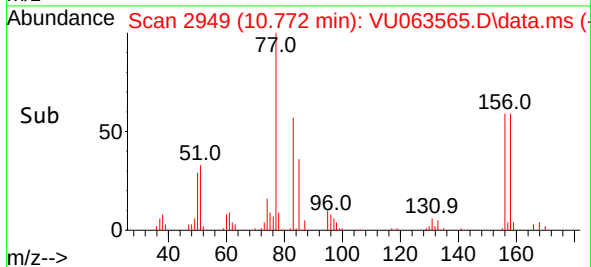
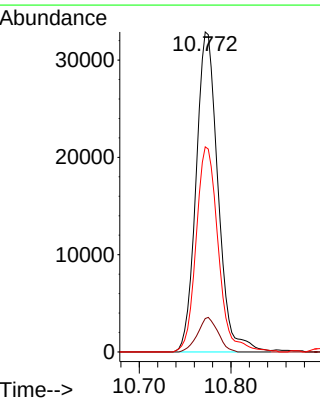
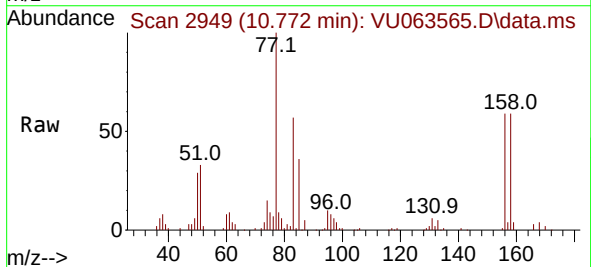
Tgt Ion: 83 Resp: 54508

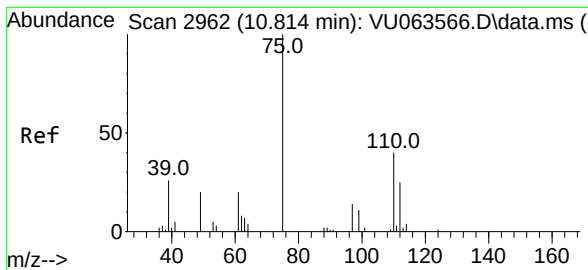
Ion Ratio Lower Upper

83 100

131 10.1 7.7 11.5

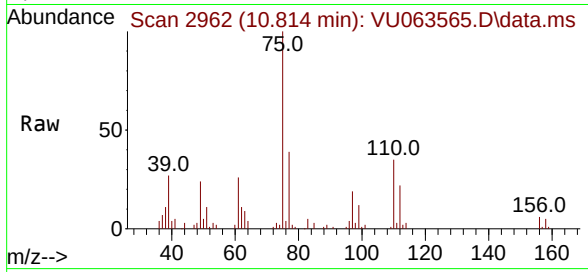
85 64.8 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 6.469 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

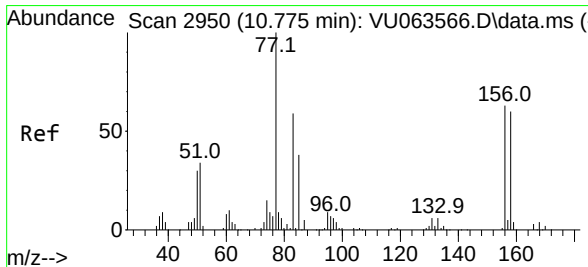
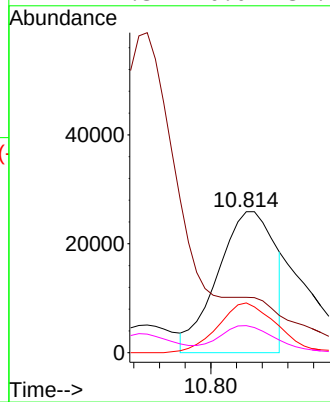
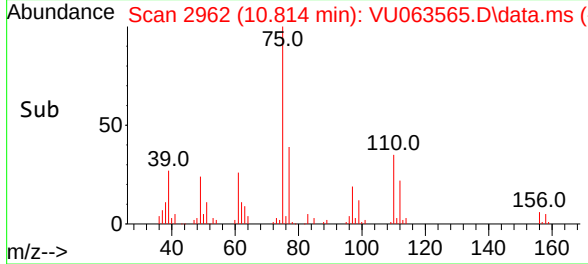
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



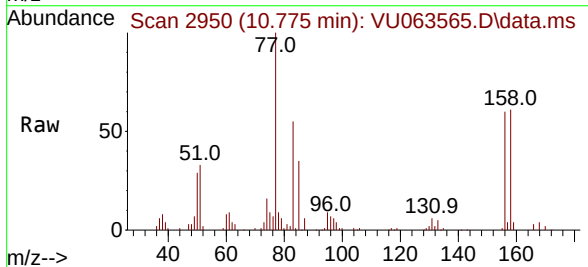
Tgt Ion:	75	Resp:	3992
Ion Ratio	100	Lower	Upper
75	100	0.0	0.0
110	37.0	0.0	77.6
97	19.3	0.0	39.6

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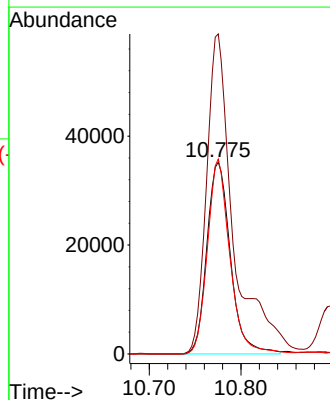
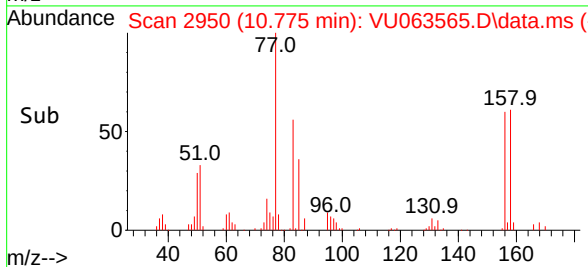
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

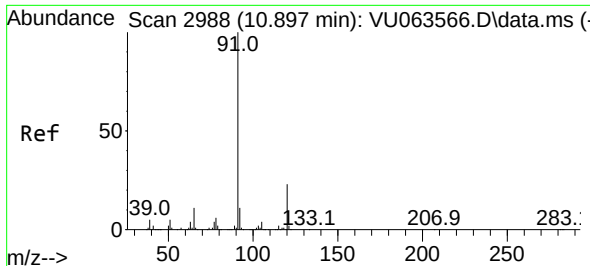


#72
Bromobenzene
Concen: 6.500 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



Tgt Ion:	156	Resp:	62686
Ion Ratio	100	Lower	Upper
77	192.0	0.0	323.0
158	97.1	0.0	195.4





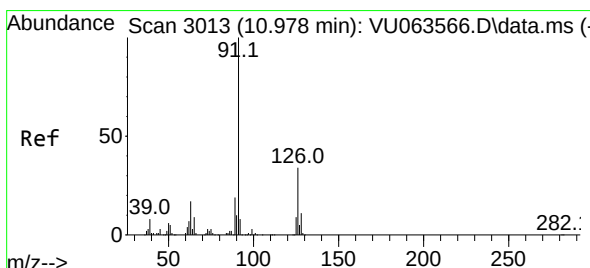
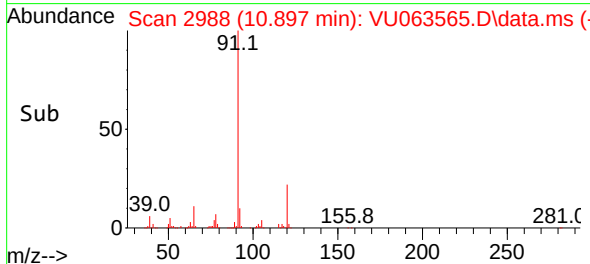
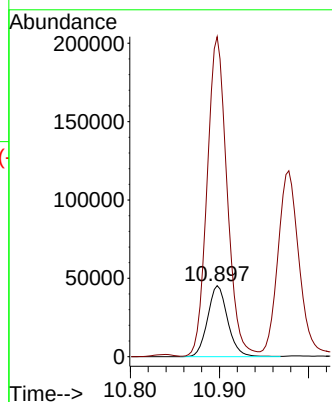
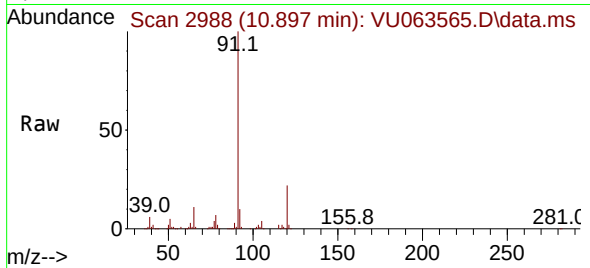
#73
n-propylbenzene
Concen: 6.327 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:120 Resp: 70582
Ion Ratio Lower Upper
120 100
91 447.2 349.1 523.7

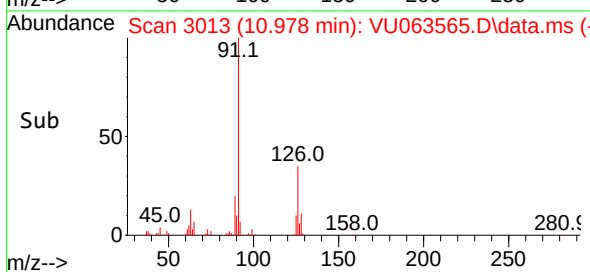
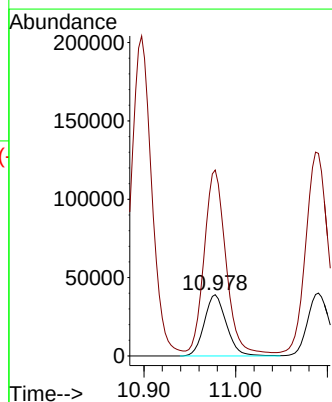
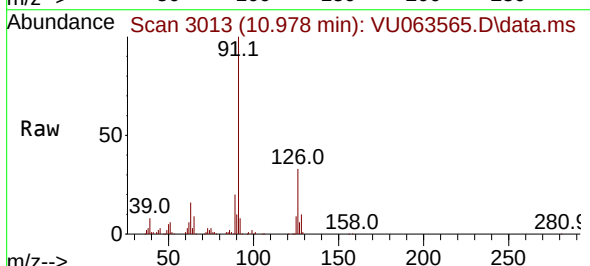
Manual Integrations
APPROVED

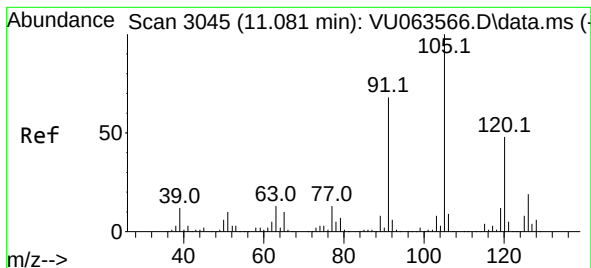
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#74
2-Chlorotoluene
Concen: 6.526 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Tgt Ion:126 Resp: 65247
Ion Ratio Lower Upper
126 100
91 301.2 0.0 609.4





#75

1,3,5-Trimethylbenzene

Concen: 6.360 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063565.D

Acq: 12 Sep 2025 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 23037

Ion Ratio Lower Upper

105 100

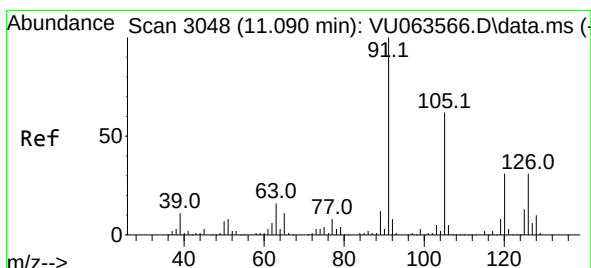
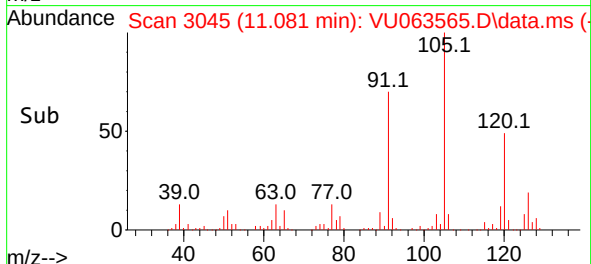
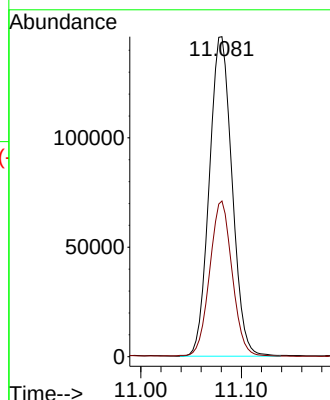
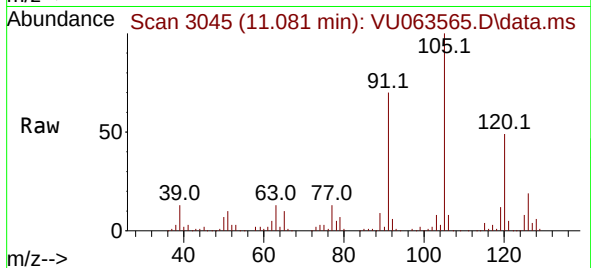
120 47.9 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#76

4-Chlorotoluene

Concen: 6.395 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU063565.D

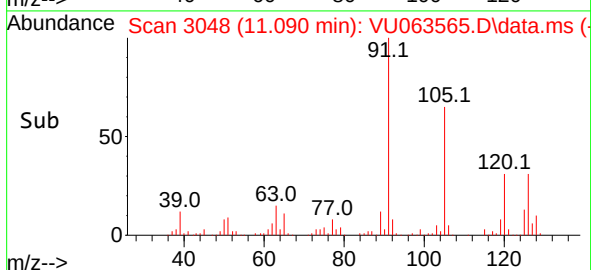
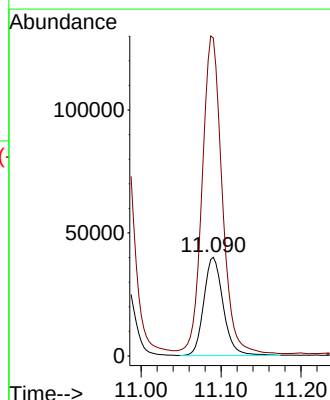
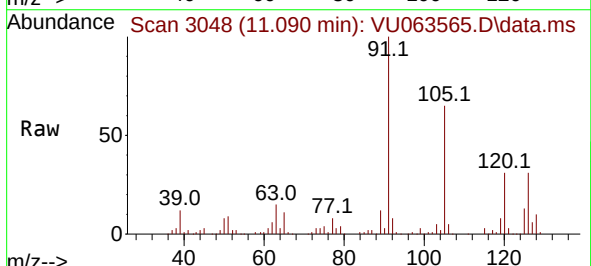
Acq: 12 Sep 2025 10:52

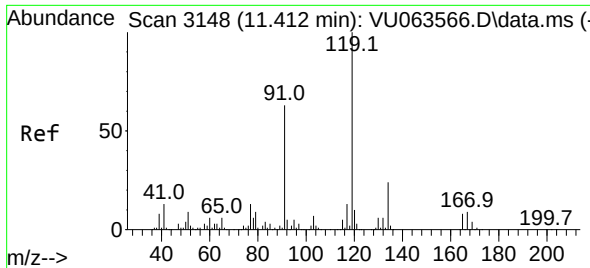
Tgt Ion:126 Resp: 67629

Ion Ratio Lower Upper

126 100

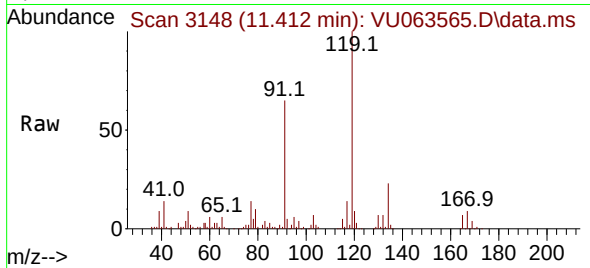
91 333.2 0.0 679.4





#77
tert-Butylbenzene
Concen: 6.131 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

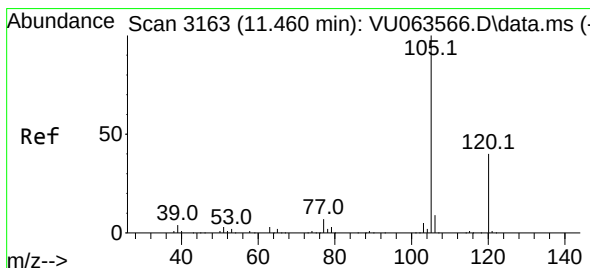
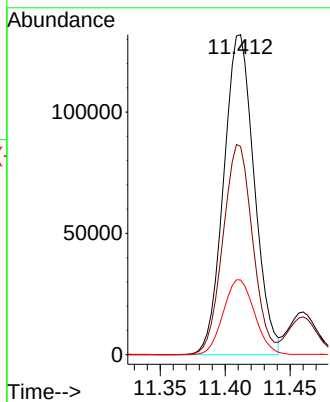
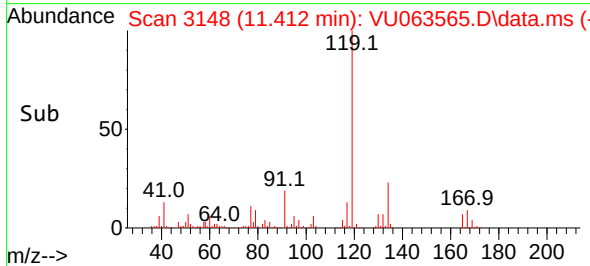
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



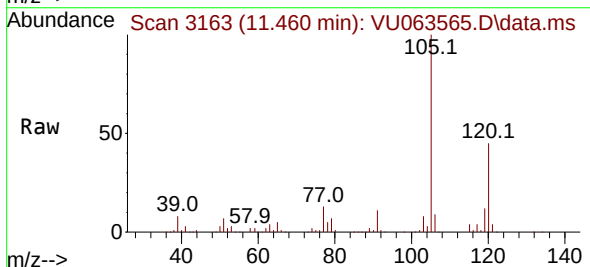
Tgt Ion:119 Resp: 215872
Ion Ratio Lower Upper
119 100
91 64.3 31.0 93.0
134 23.9 19.0 28.6

Manual Integrations
APPROVED

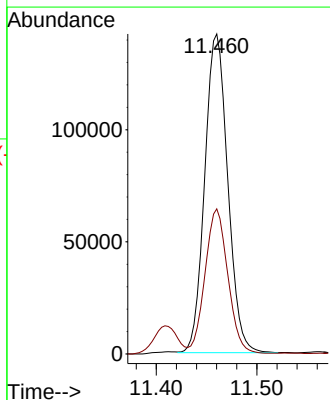
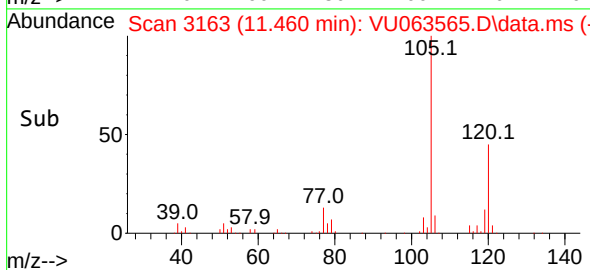
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

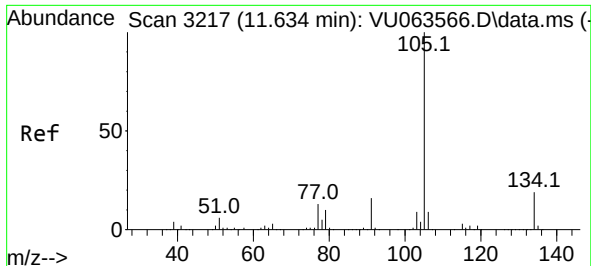


#78
1,2,4-Trimethylbenzene
Concen: 6.268 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



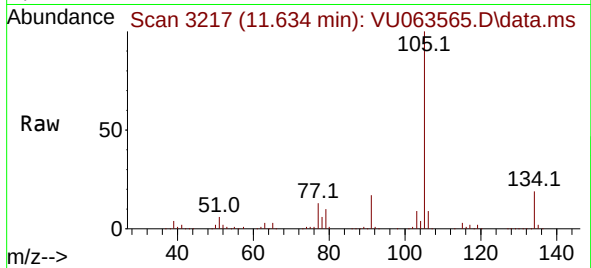
Tgt Ion:105 Resp: 225888
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 6.292 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52

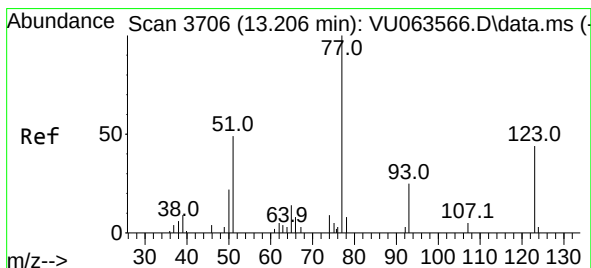
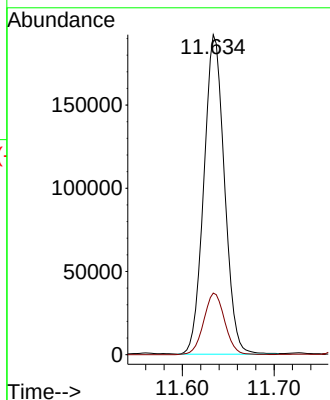
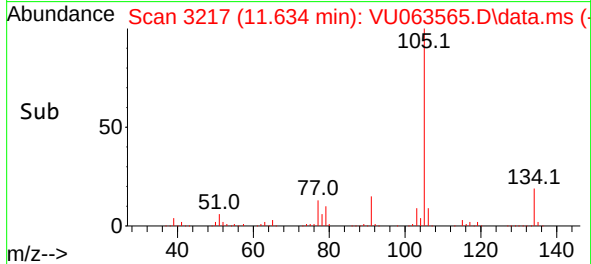
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



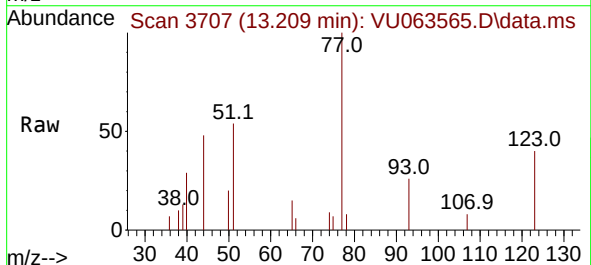
Tgt Ion:105 Resp: 29950
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.6 23.4

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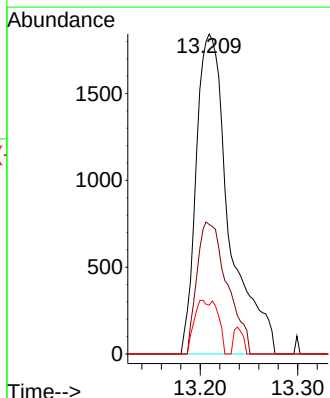
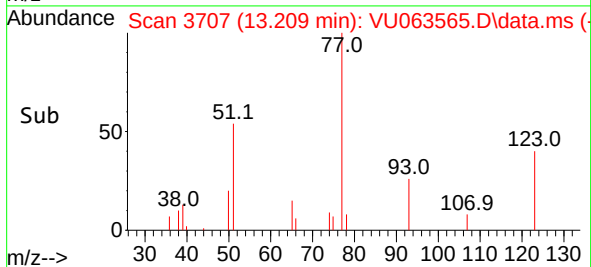
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

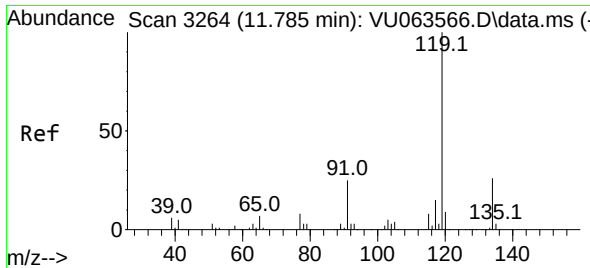


#80
 Nitrobenzene
 Concen: 25.675 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: VU063565.D
 Acq: 12 Sep 2025 10:52



Tgt Ion: 77 Resp: 4328
 Ion Ratio Lower Upper
 77 100
 123 37.8 18.0 63.6
 65 11.9 12.8 16.4#





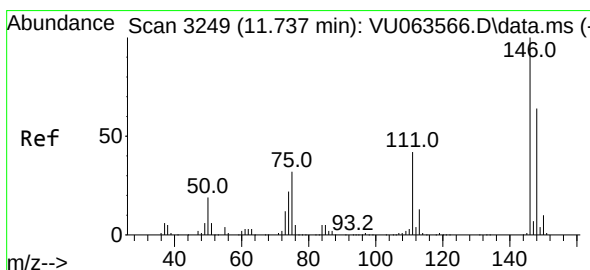
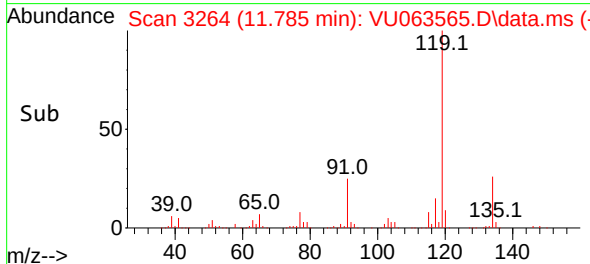
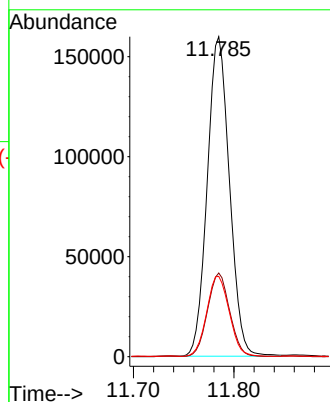
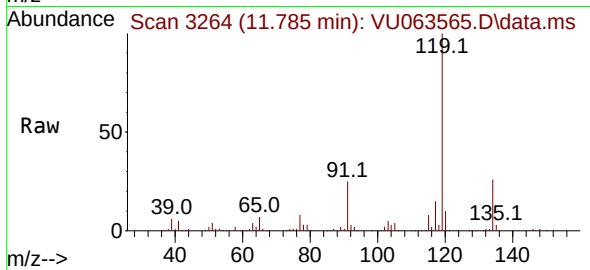
#81
p-Isopropyltoluene
Concen: 6.361 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 24505
Ion Ratio Lower Upper
119 100
134 25.8 20.6 30.8
91 25.4 19.8 29.6

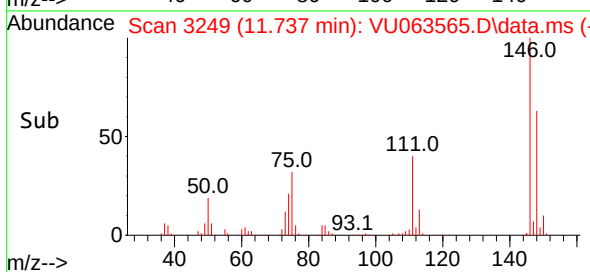
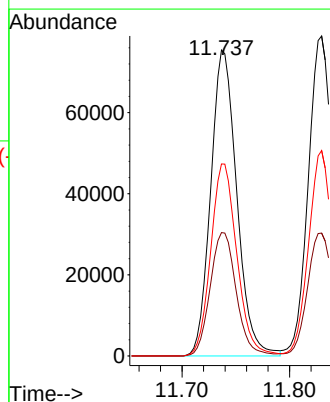
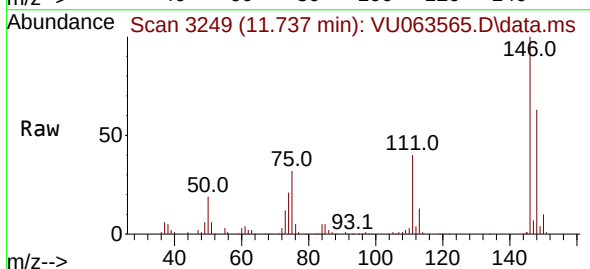
Manual Integrations
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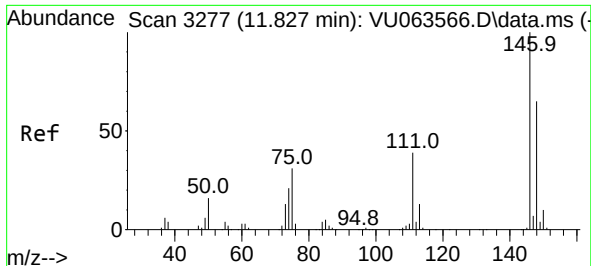
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#82
1,3-Dichlorobenzene
Concen: 6.370 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

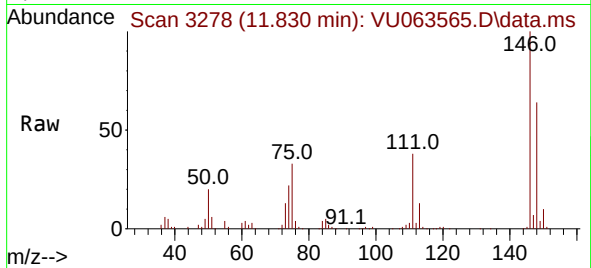
Tgt Ion:146 Resp: 127168
Ion Ratio Lower Upper
146 100
111 40.4 32.7 49.1
148 63.0 50.4 75.6





#83
1,4-Dichlorobenzene
Concen: 6.378 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

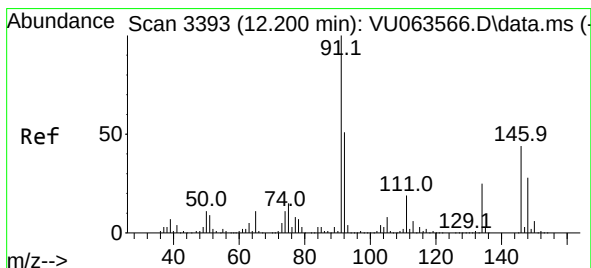
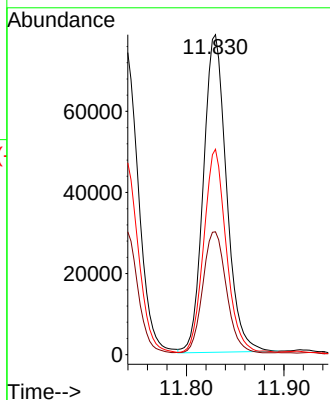
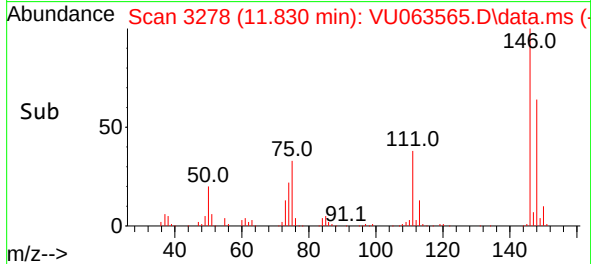
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



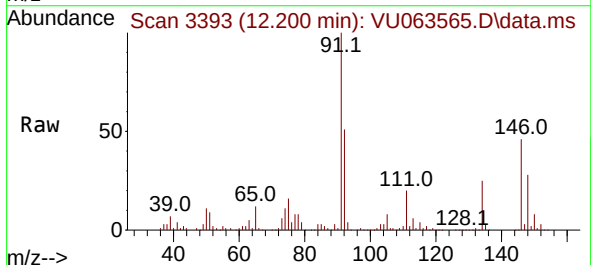
Tgt Ion:146 Resp: 12914
Ion Ratio Lower Upper
146 100
111 39.2 31.6 47.4
148 62.8 51.8 77.8

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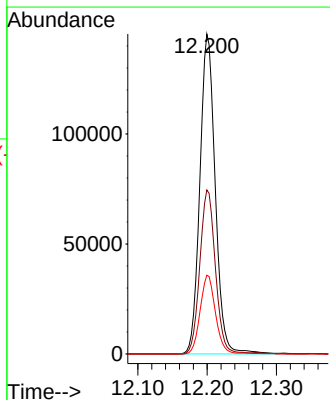
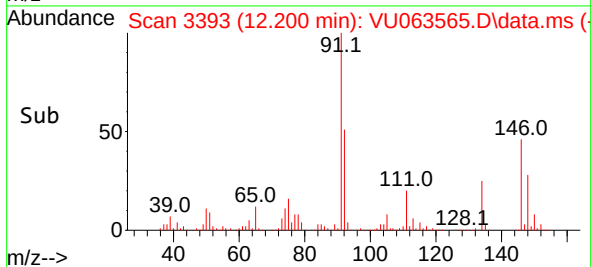
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

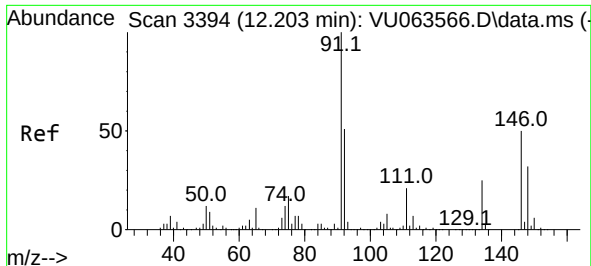


#84
n-Butylbenzene
Concen: 6.144 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



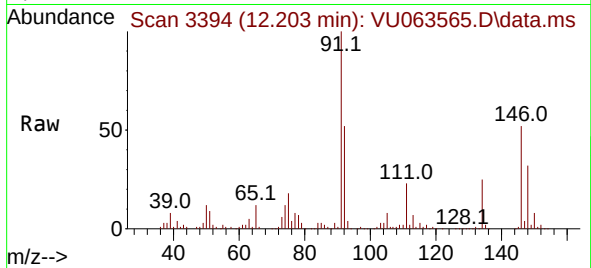
Tgt Ion: 91 Resp: 224327
Ion Ratio Lower Upper
91 100
92 51.8 41.3 61.9
134 24.7 19.9 29.9





#85
1,2-Dichlorobenzene
Concen: 6.245 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

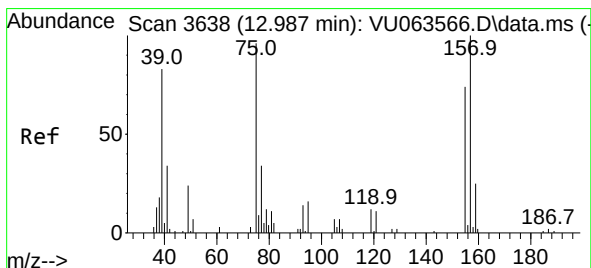
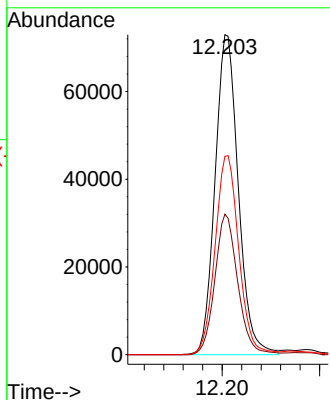
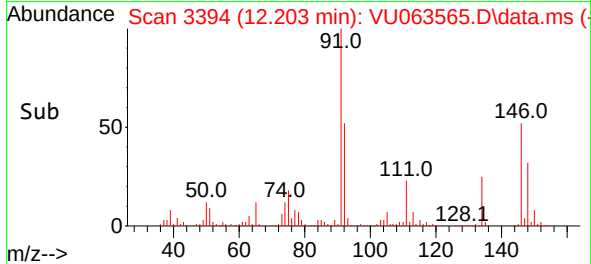
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 120900
Ion Ratio Lower Upper
146 100
111 43.2 21.0 63.0
148 63.6 31.8 95.3

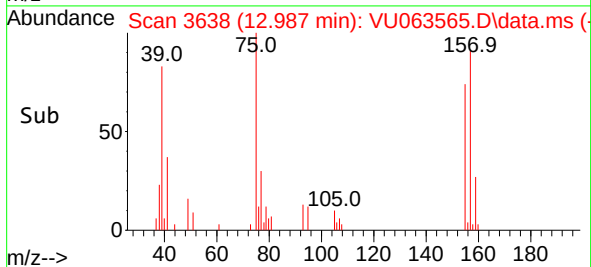
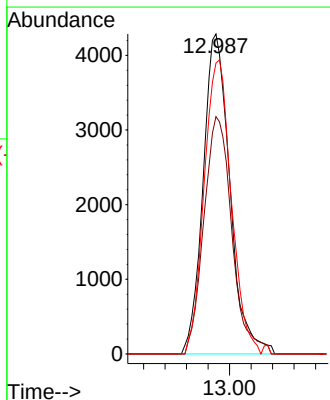
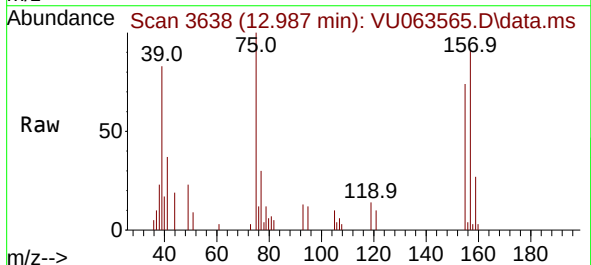
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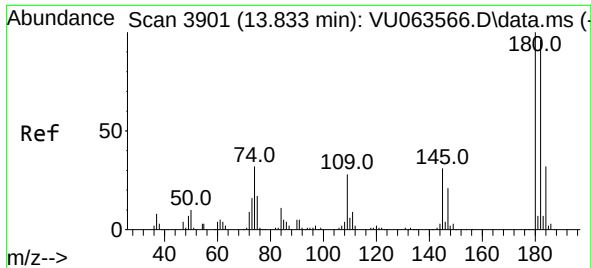
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 6.349 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

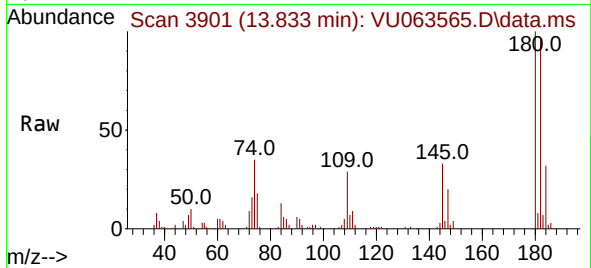
Tgt Ion: 75 Resp: 7409
Ion Ratio Lower Upper
75 100
155 77.4 64.1 96.1
157 93.0 84.2 126.4





#87
1,2,4-Trichlorobenzene
Concen: 6.352 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

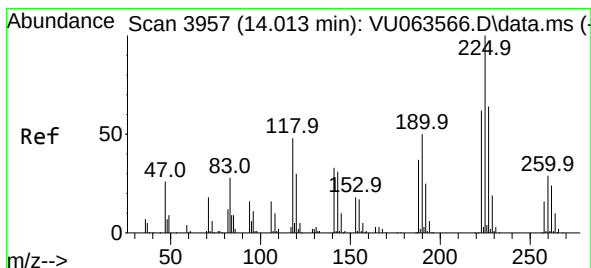
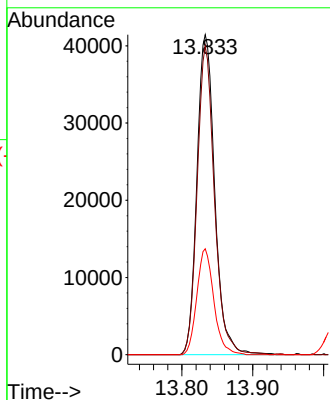
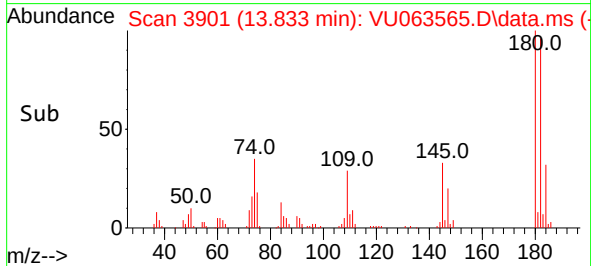
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



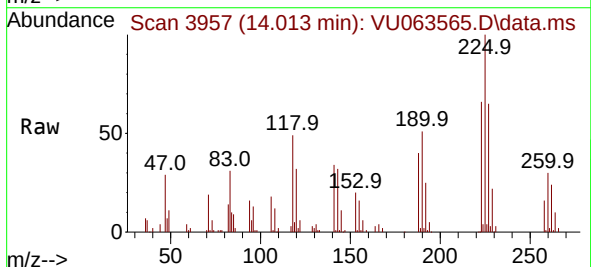
Tgt Ion:180 Resp: 72288
Ion Ratio Lower Upper
180 100
182 93.7 77.1 115.7
145 31.7 25.0 37.4

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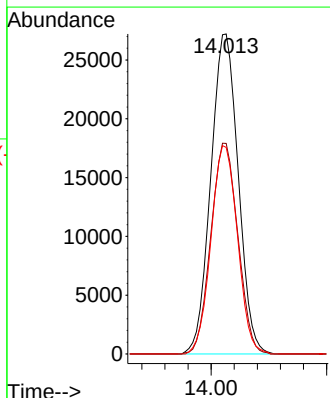
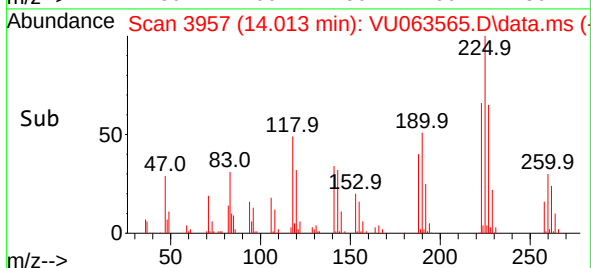
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

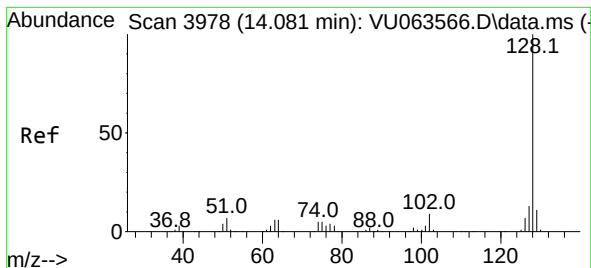


#88
Hexachlorobutadiene
Concen: 6.480 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



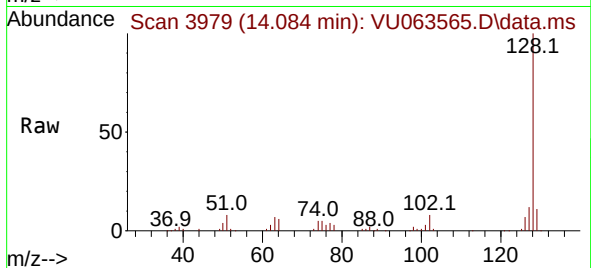
Tgt Ion:225 Resp: 44861
Ion Ratio Lower Upper
225 100
223 64.9 50.2 75.2
227 62.8 51.6 77.4





#89
Naphthalene
Concen: 5.872 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52

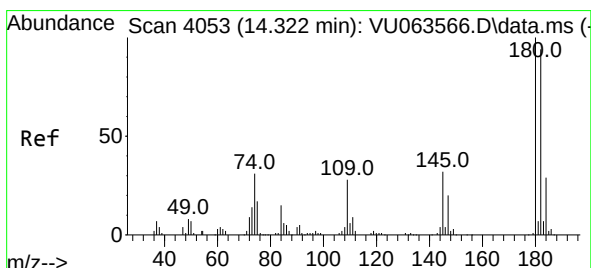
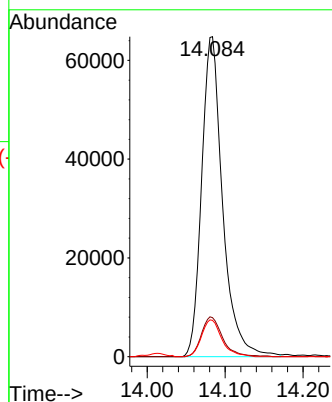
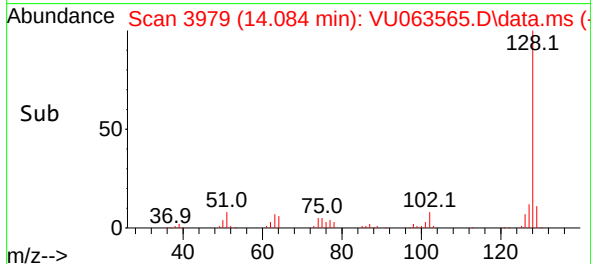
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



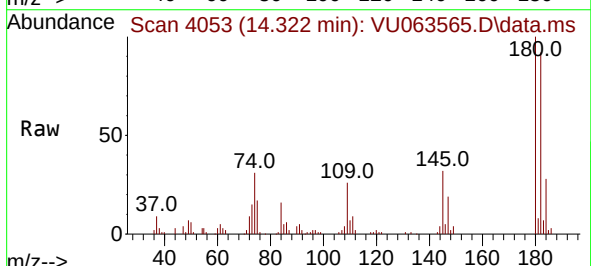
Tgt Ion:128 Resp: 12128
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 6.598 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063565.D
Acq: 12 Sep 2025 10:52



Tgt Ion:180 Resp: 69435
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 32.6 26.6 40.0

