

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061134.D
 Acq On : 16 Oct 2024 10:51
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 04:51:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	29081	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15492	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14385	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	11419	2.016	ug/l	99
3) Chloromethane	1.515	50	7689	1.980	ug/l	95
4) Vinyl Chloride	1.602	62	9246	2.025	ug/l	99
5) Bromomethane	1.853	94	5708	1.864	ug/l	100
6) Chloroethane	1.930	64	8750	1.839	ug/l	99
7) Trichlorofluoromethane	2.132	101	21630	1.969	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	14395	2.033	ug/l	98
9) 1,1-Dichloroethene	2.576	96	9983	1.984	ug/l	93
10) Iodomethane	2.714	142	8276	1.819	ug/l	100
11) Allyl Chloride	2.920	41	16381	2.016	ug/l	98
12) Acrylonitrile	3.328	53	8283m	4.051	ug/l	
13) Acetone	2.637	43	29537	9.365	ug/l	93
14) Carbon Disulfide	2.788	76	7684	1.913	ug/l	96
15) Methylene Chloride	3.039	84	16624	1.923	ug/l	93
16) trans-1,2-Dichloroethene	3.348	96	11260	1.982	ug/l	88
17) 1,1-Dichloroethane	3.859	63	34258	2.011	ug/l	99
18) 2-Butanone	4.714	43	36604m	10.194	ug/l	
19) Cyclohexane	5.377	56	14310m	1.999	ug/l	
20) Methylcyclohexane	6.750	83	18000	1.976	ug/l	96
21) 2,2-Dichloropropane	4.653	77	32858	1.990	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	19120	1.988	ug/l	99
23) Diethyl Ether	2.370	59	10991	1.996	ug/l	96
24) tert-Butyl Alcohol	3.216	59	19100	20.651	ug/l #	89
25) Methyl tert-Butyl Ether	3.354	73	51557	2.037	ug/l	99
26) Bromochloromethane	4.965	128	8166	2.038	ug/l	99
27) Chloroform	5.078	83	41485	2.025	ug/l	96
28) 1,1,1-Trichloroethane	5.306	97	31916	1.969	ug/l	98
29) 1,1-Dichloropropene	5.521	75	18672	1.988	ug/l	95
30) Carbon Tetrachloride	5.515	117	24847	1.989	ug/l	97
31) Isopropyl Ether	3.981	45	55117	1.980	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	59027	2.004	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	54195	1.980	ug/l	100
34) Propionitrile	4.791	54	8781m	10.509	ug/l	
35) Benzene	5.766	78	64937	1.969	ug/l	99
36) 1,2-Dichloroethane	5.788	62	23305	2.049	ug/l	99
37) Trichloroethene	6.534	130	17765	1.944	ug/l	89
38) 1,2-Dichloropropane	6.785	63	21459	1.958	ug/l	96
39) Methacrylonitrile	4.984	41	5526	1.950	ug/l	95
40) Methyl acrylate	4.865	55	9433	1.977	ug/l #	92
41) Tetrahydrofuran	5.065	42	6559m	4.295	ug/l	
42) 1-Chlorobutane	5.451	56	25600	1.930	ug/l	98
43) Dibromomethane	6.914	93	10192	1.998	ug/l	99
44) Bromodichloromethane	7.097	83	31038	2.006	ug/l	99

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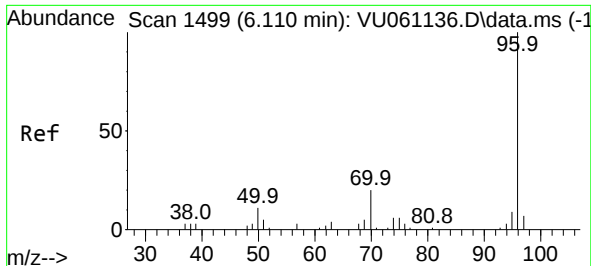
Manual Integrations
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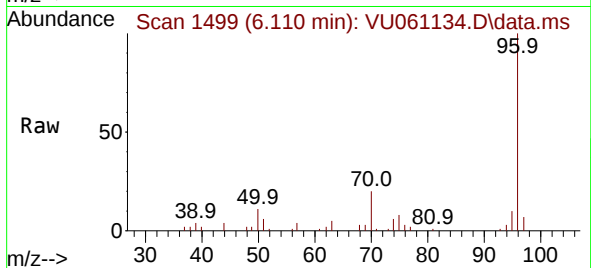
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	65141	9.740	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	11204m	3.916	ug/l	
47) Methyl methacrylate	6.959	69	20814	3.991	ug/l	98
48) Ethyl methacrylate	8.328	69	20819	1.913	ug/l	98
49) Toluene	7.962	92	44857	2.002	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	27212	1.998	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	30989	1.954	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	17822	2.062	ug/l	96
53) 1,3-Dichloropropane	8.569	76	27940	1.996	ug/l	96
54) 2-Hexanone	8.679	43	56120	9.540	ug/l	98
55) Dibromochloromethane	8.801	129	20798	1.993	ug/l	98
56) 1,2-Dibromoethane	8.917	107	14675	2.015	ug/l	98
58) Tetrachloroethene	8.547	164	15862	1.985	ug/l	98
59) Chlorobenzene	9.441	112	58052	1.999	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	22542	1.990	ug/l	98
61) Pentachloroethane	11.418	117	16871	1.933	ug/l	98
62) Hexachloroethane	12.466	117	17156	1.885	ug/l	98
63) Ethyl Benzene	9.563	91	97592	1.966	ug/l	97
64) m/p-Xylenes	9.685	106	73564	3.983	ug/l	99
65) o-Xylene	10.093	106	38543	1.973	ug/l	99
66) Styrene	10.110	104	61047	1.961	ug/l	98
67) Bromoform	10.283	173	10550	1.880	ug/l	99
69) Isopropylbenzene	10.476	105	104860	1.975	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	22404	1.971	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	15926m	1.801	ug/l	
72) Bromobenzene	10.775	156	23173	1.994	ug/l	82
73) n-propylbenzene	10.897	120	27290	1.967	ug/l	100
74) 2-Chlorotoluene	10.978	126	24625	1.954	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	87365	1.960	ug/l	100
76) 4-Chlorotoluene	11.090	126	25548	2.000	ug/l	94
77) tert-Butylbenzene	11.409	119	91596	1.974	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	87811	1.929	ug/l	98
79) sec-Butylbenzene	11.634	105	116814	1.947	ug/l	99
80) Nitrobenzene	13.219	77	2218m	10.411	ug/l	
81) p-Isopropyltoluene	11.785	119	94449	1.941	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	48044	1.963	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	48343	1.988	ug/l	98
84) n-Butylbenzene	12.200	91	90535	1.933	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	45917	1.947	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3351	1.893	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	26627	1.892	ug/l	100
88) Hexachlorobutadiene	14.010	225	15417	1.973	ug/l	98
89) Naphthalene	14.084	128	43456	1.839	ug/l	97
90) 1,2,3-Trichlorobenzene	14.322	180	22867	1.920	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

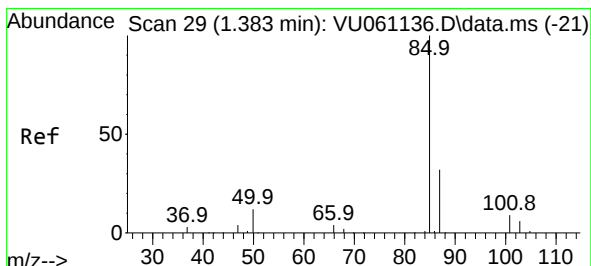
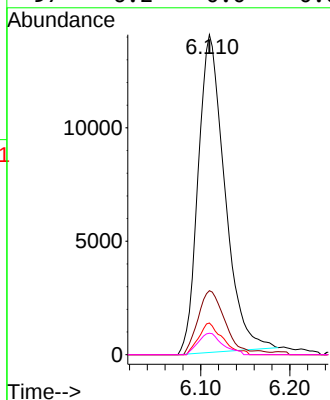
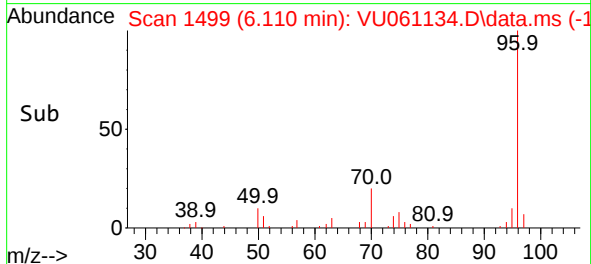


Tgt Ion: 96 Resp: 2908

Ion	Ratio	Lower	Upper
96	100		
70	18.9	16.5	24.7
95	8.9	7.3	10.9
97	6.2	0.0	0.0#

Manual Integrations
APPROVED

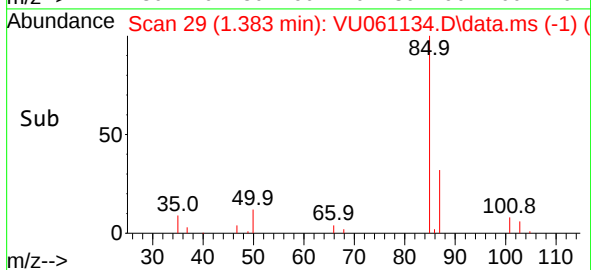
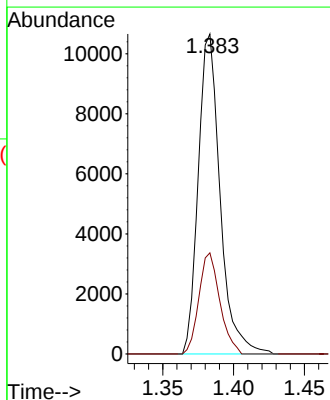
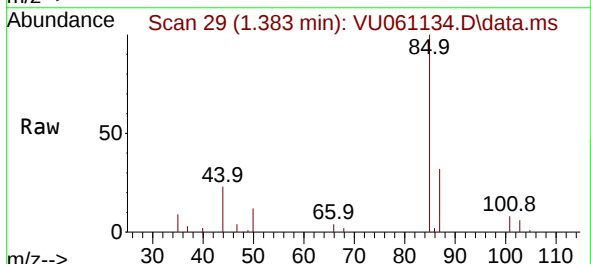
Reviewed By :Mahesh Dadoda 10/17/2024
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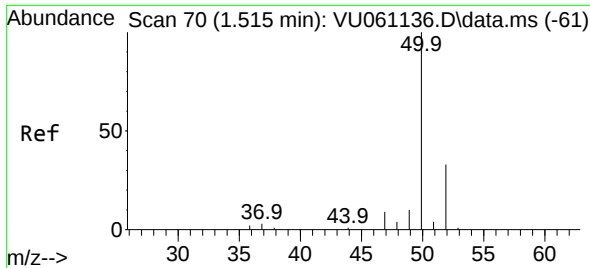


#2
Dichlorodifluoromethane
Concen: 2.016 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 85 Resp: 11419

Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.0	47.9





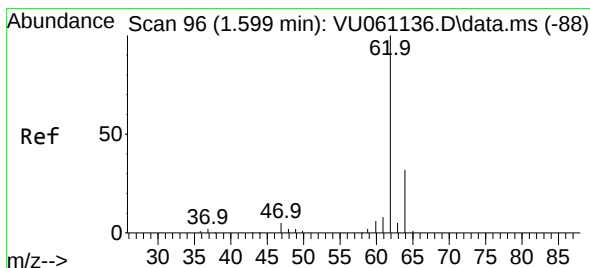
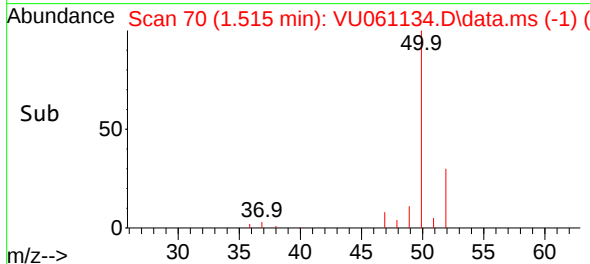
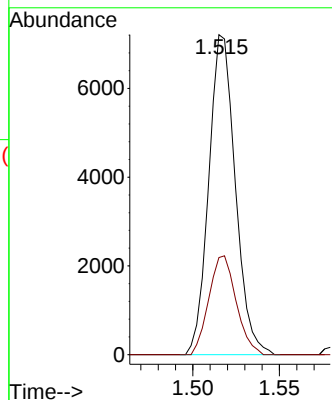
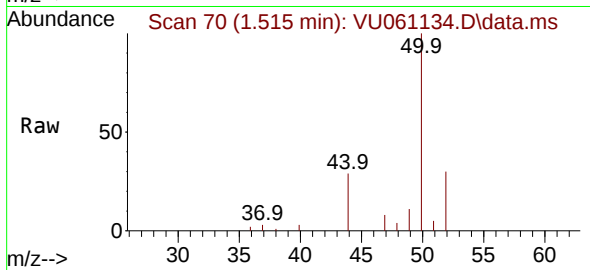
#3
Chloromethane
Concen: 1.980 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 50 Resp: 7689
Ion Ratio Lower Upper
50 100
52 30.4 26.8 40.2

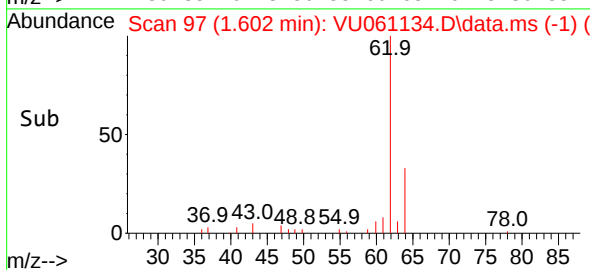
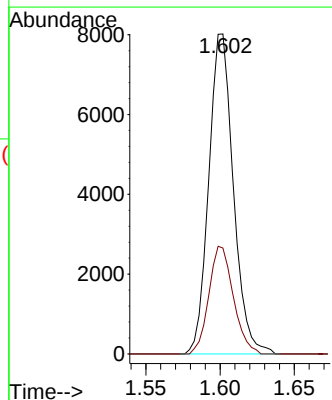
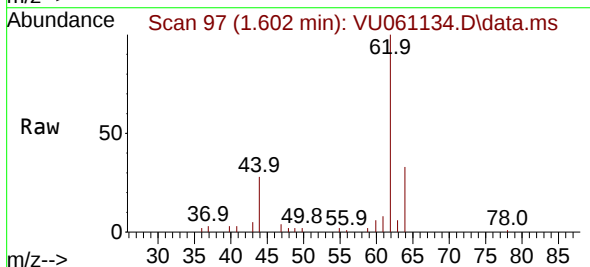
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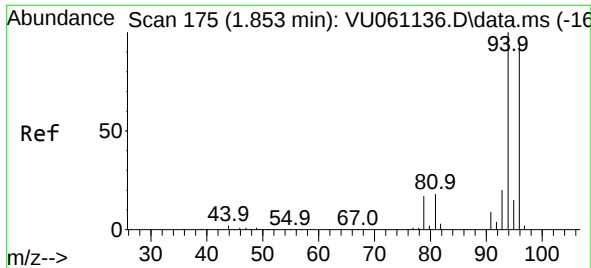
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#4
Vinyl Chloride
Concen: 2.025 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

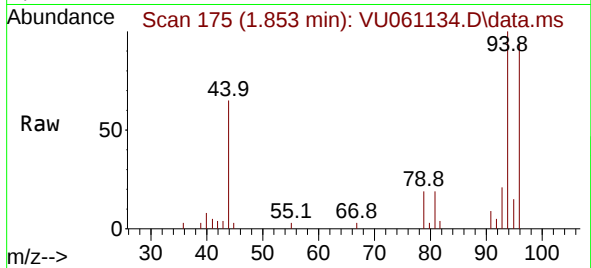
Tgt Ion: 62 Resp: 9246
Ion Ratio Lower Upper
62 100
64 33.1 25.9 38.9





#5
Bromomethane
Concen: 1.864 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

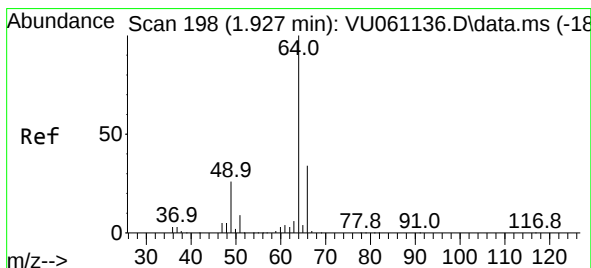
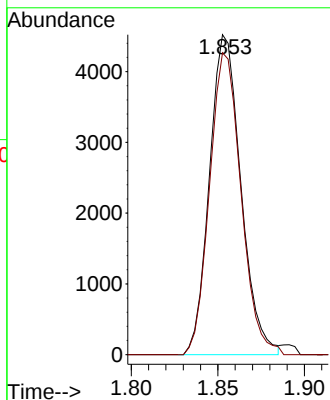
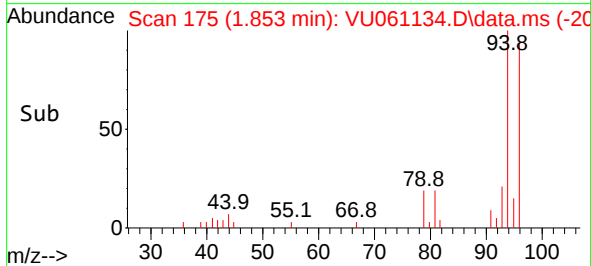
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



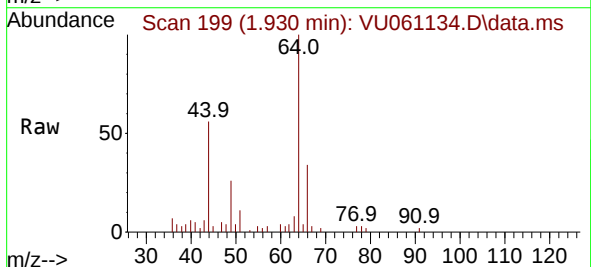
Tgt Ion: 94 Resp: 5708
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

Manual Integrations
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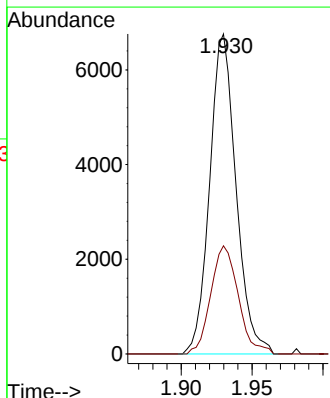
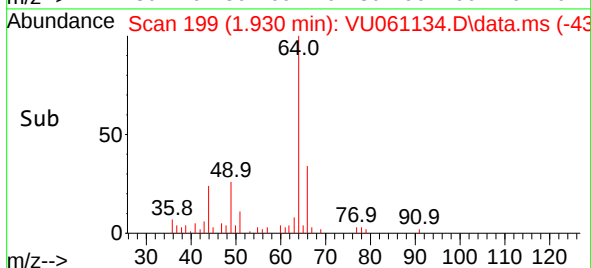
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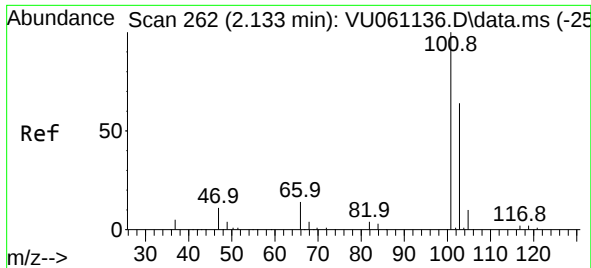


#6
Chloroethane
Concen: 1.839 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



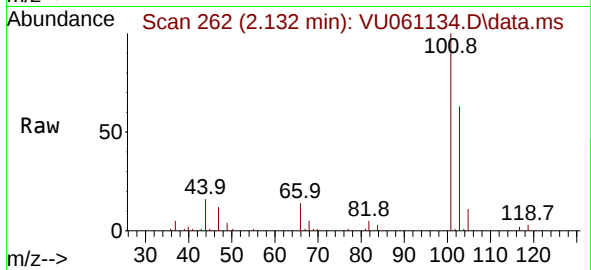
Tgt Ion: 64 Resp: 8750
Ion Ratio Lower Upper
64 100
66 33.8 27.3 40.9





#7
Trichlorofluoromethane
Concen: 1.969 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

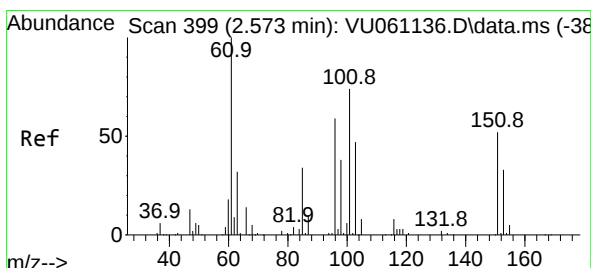
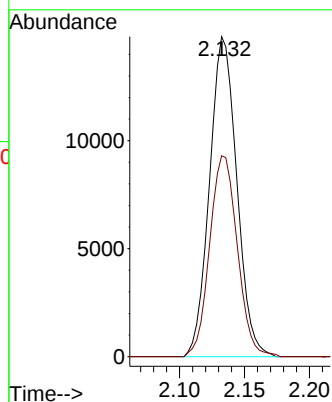
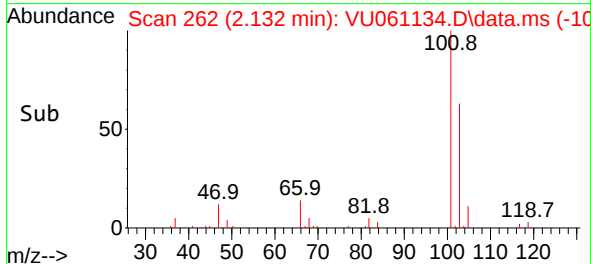
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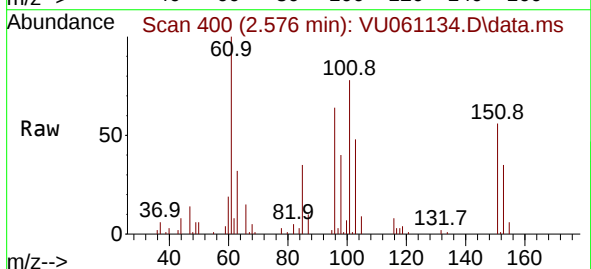
Tgt Ion:101 Resp: 21630
Ion Ratio Lower Upper
101 100
103 62.8 51.1 76.7

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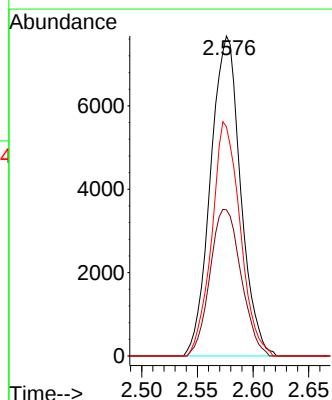
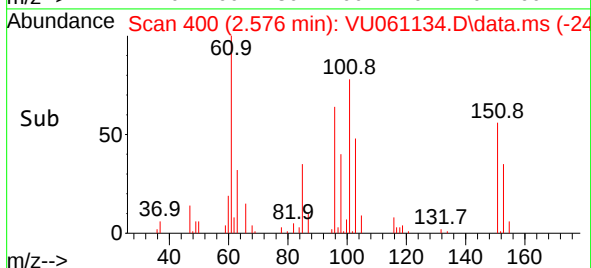
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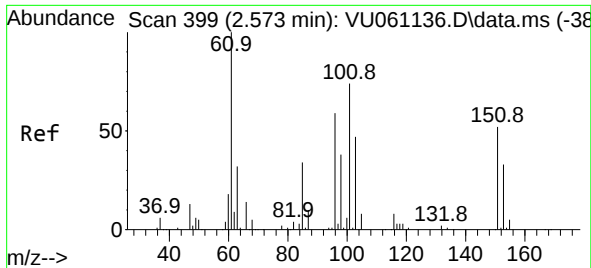


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.033 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



Tgt Ion:101 Resp: 14395
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 69.3 57.0 85.6





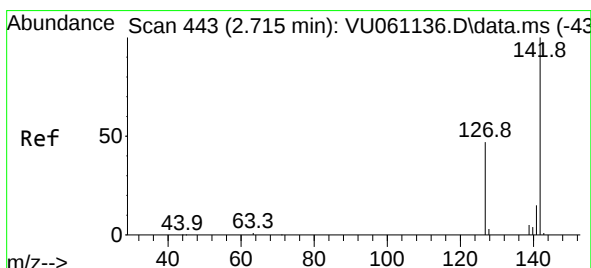
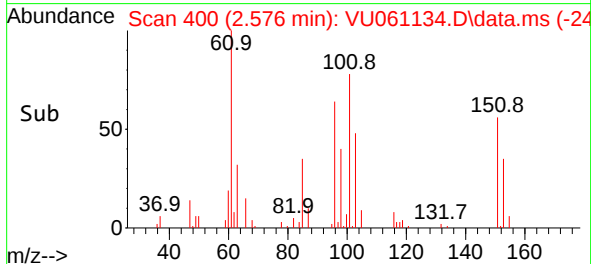
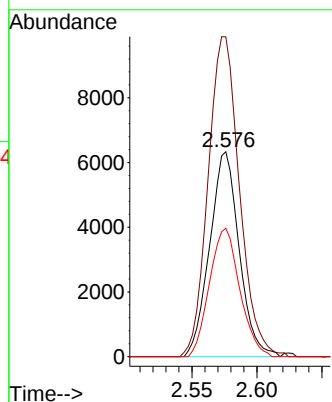
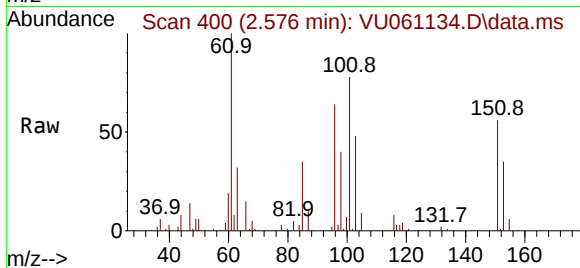
#9
1,1-Dichloroethene
Concen: 1.984 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 998
Ion Ratio Lower Upper
96 100
61 156.0 0.0 505.5
98 62.6 0.0 128.6

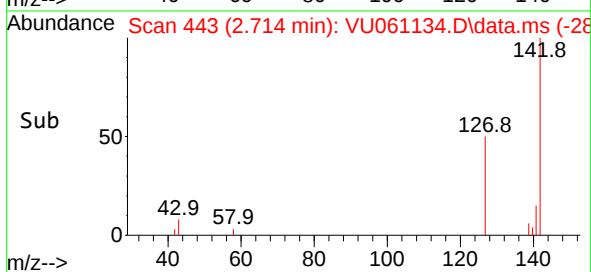
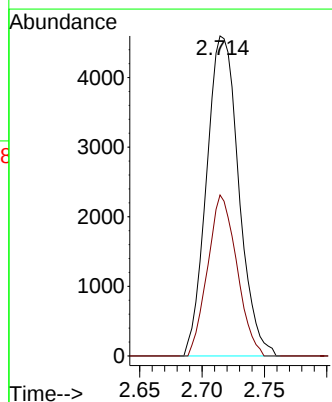
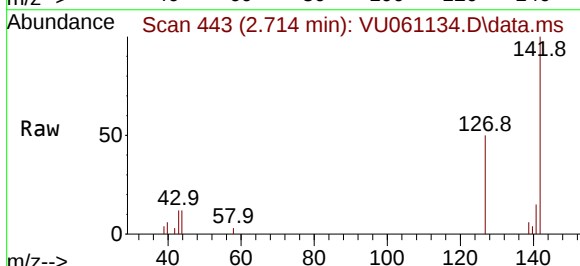
Manual Integrations
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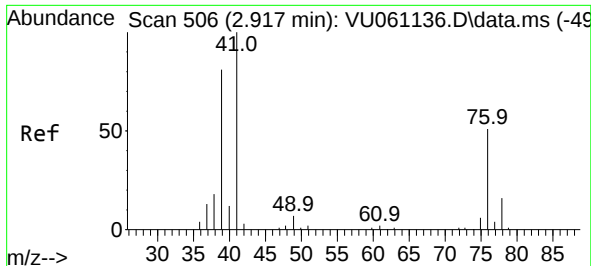
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#10
Iodomethane
Concen: 1.819 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

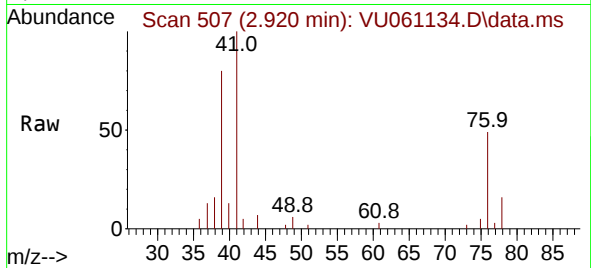
Tgt Ion:142 Resp: 8276
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.4





#11
 Allyl Chloride
 Concen: 2.016 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061134.D
 Acq: 16 Oct 2024 10:51

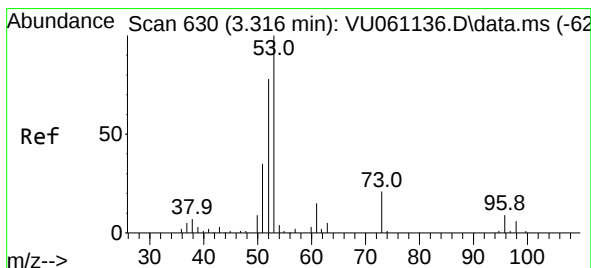
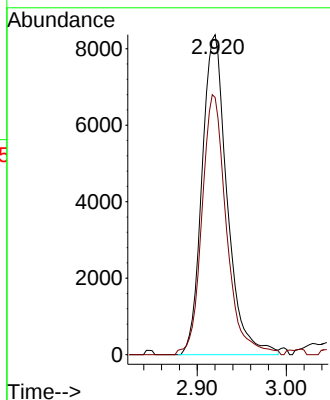
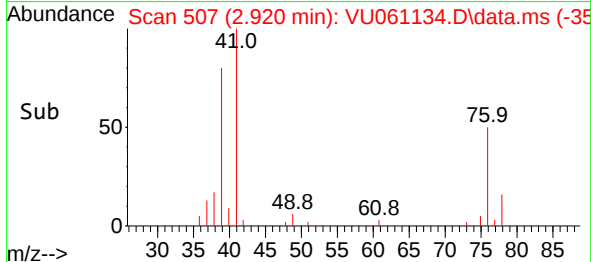
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



Tgt Ion: 41 Resp: 1638
 Ion Ratio Lower Upper
 41 100
 39 79.1 64.5 96.7

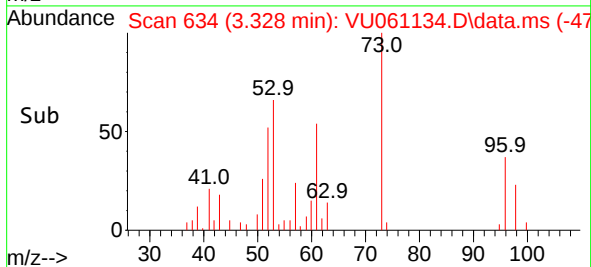
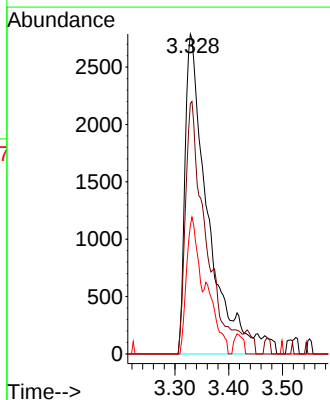
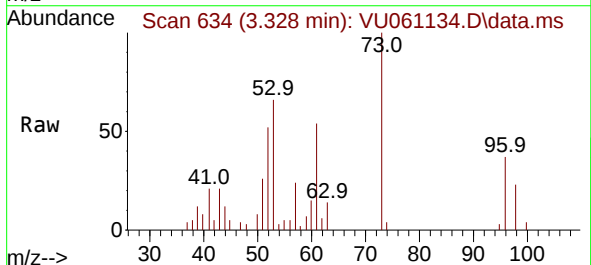
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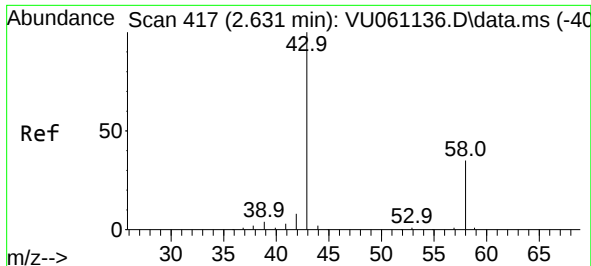
Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024



#12
 Acrylonitrile
 Concen: 4.051 ug/l m
 RT: 3.328 min Scan# 634
 Delta R.T. 0.013 min
 Lab File: VU061134.D
 Acq: 16 Oct 2024 10:51

Tgt Ion: 53 Resp: 8283
 Ion Ratio Lower Upper
 53 100
 52 69.9 61.8 92.6
 51 23.0 29.4 44.2#





#13

Acetone

Concen: 9.365 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 2953

Ion Ratio Lower Upper

43 100

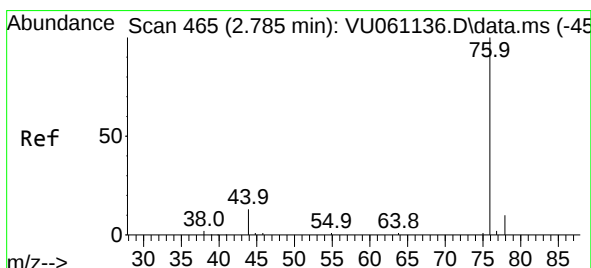
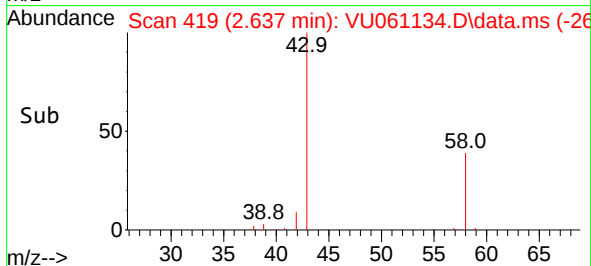
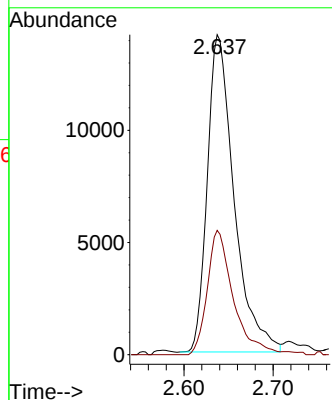
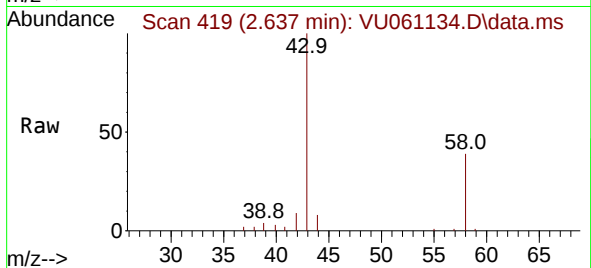
58 39.2 28.2 42.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#14

Carbon Disulfide

Concen: 1.913 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061134.D

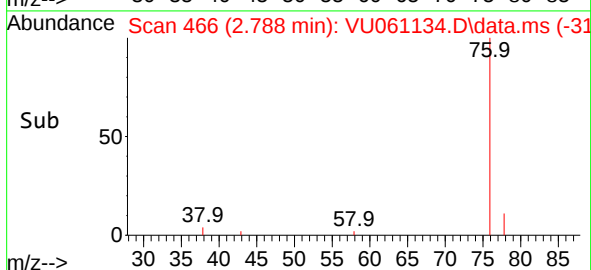
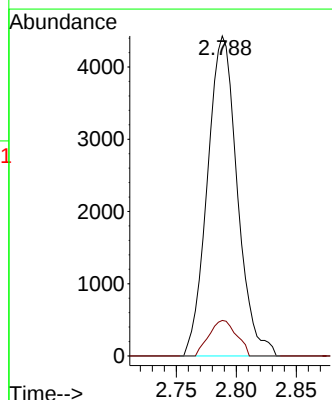
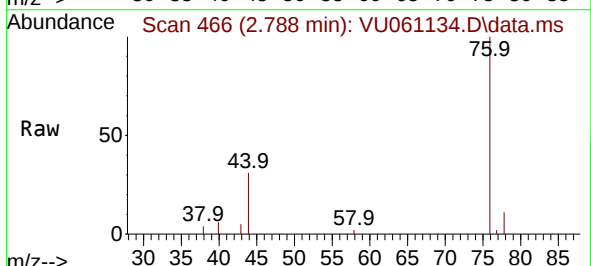
Acq: 16 Oct 2024 10:51

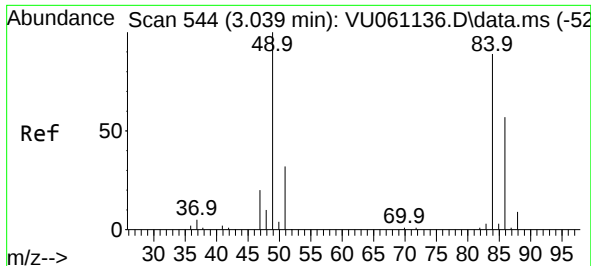
Tgt Ion: 76 Resp: 7684

Ion Ratio Lower Upper

76 100

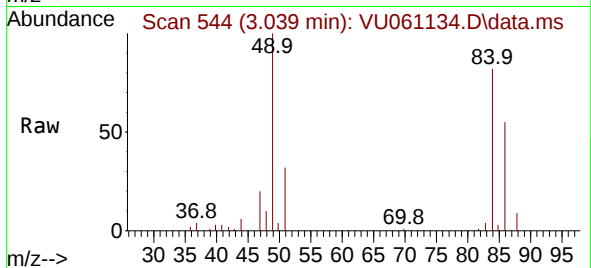
78 11.1 7.8 11.6





#15
Methylene Chloride
Concen: 1.923 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

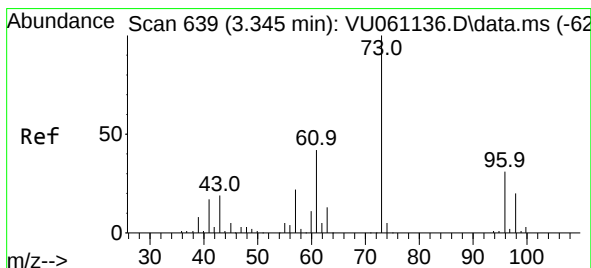
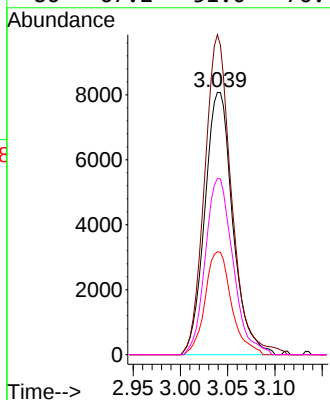
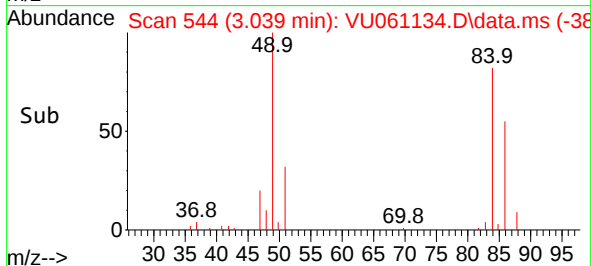


Tgt Ion: 84 Resp: 16624

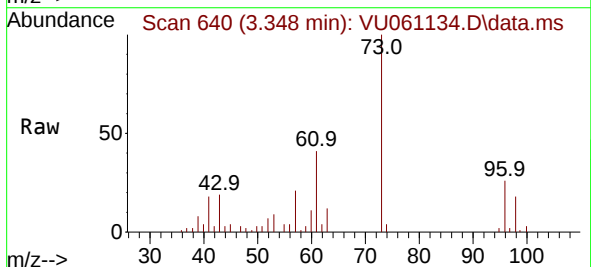
Ion	Ratio	Lower	Upper
84	100		
49	122.0	89.9	134.9
51	39.2	0.0	72.0
86	67.2	51.0	76.4

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Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

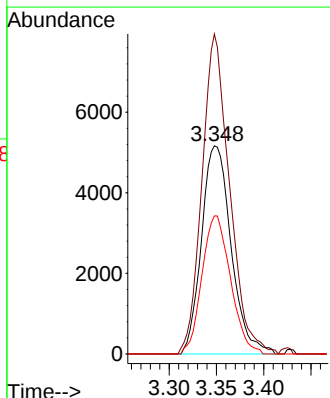
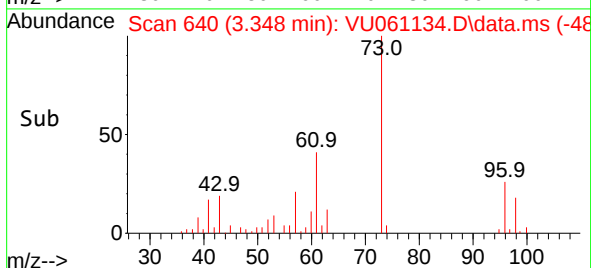


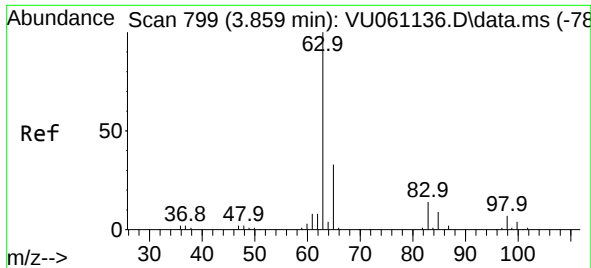
#16
trans-1,2-Dichloroethene
Concen: 1.982 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



Tgt Ion: 96 Resp: 11260

Ion	Ratio	Lower	Upper
96	100		
61	153.8	109.1	163.7
98	69.1	51.8	77.6





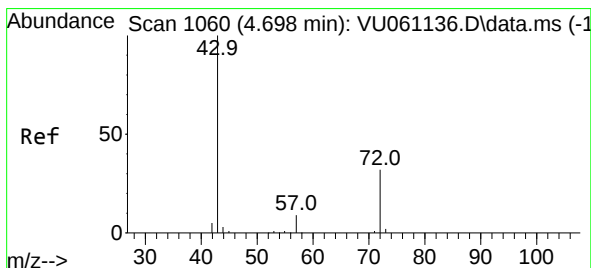
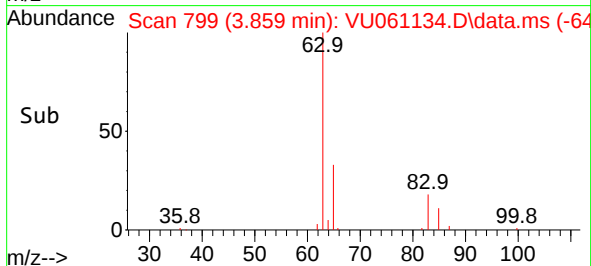
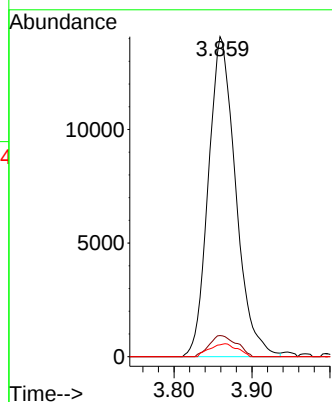
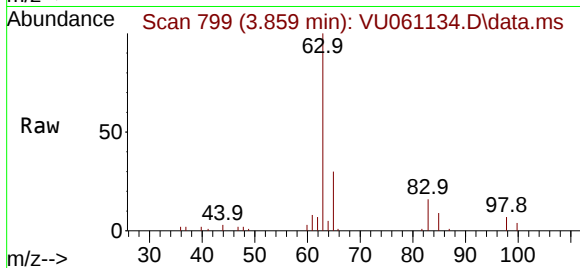
#17
1,1-Dichloroethane
Concen: 2.011 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 34258
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 3.7 2.1 6.5

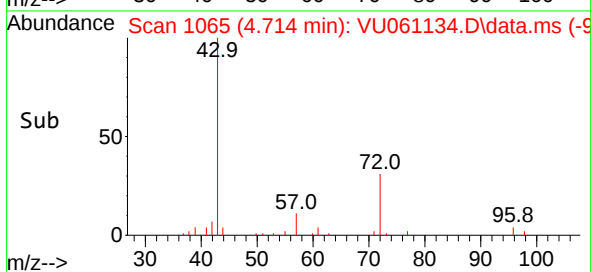
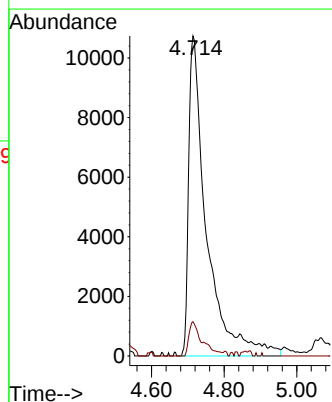
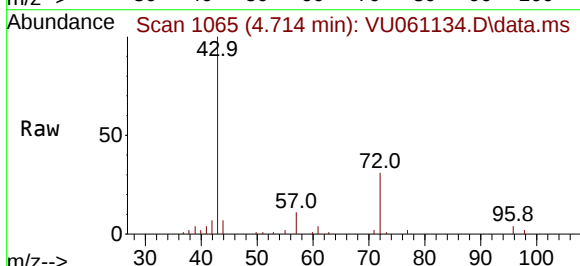
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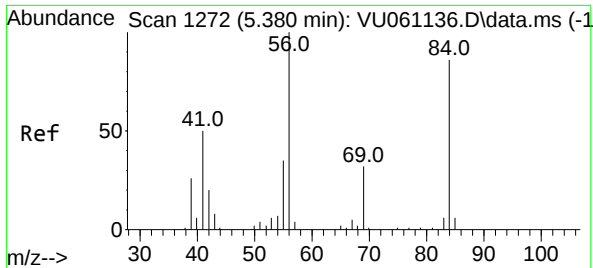
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#18
2-Butanone
Concen: 10.194 ug/l m
RT: 4.714 min Scan# 1065
Delta R.T. 0.016 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

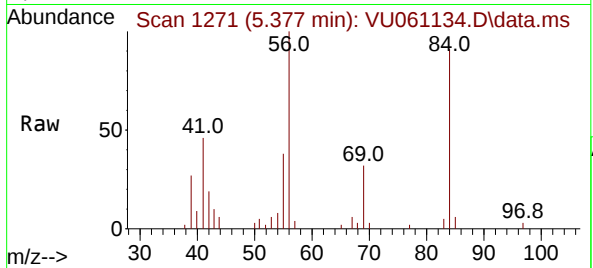
Tgt Ion: 43 Resp: 36604
Ion Ratio Lower Upper
43 100
57 10.7 0.0 19.0





#19
Cyclohexane
Concen: 1.999 ug/l m
RT: 5.377 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

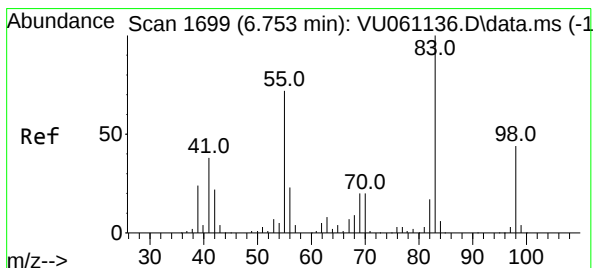
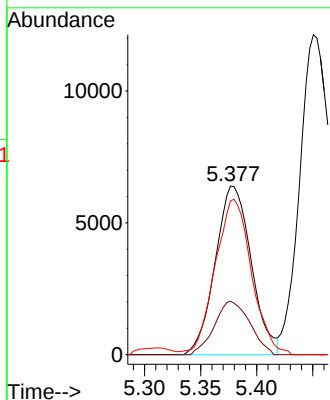
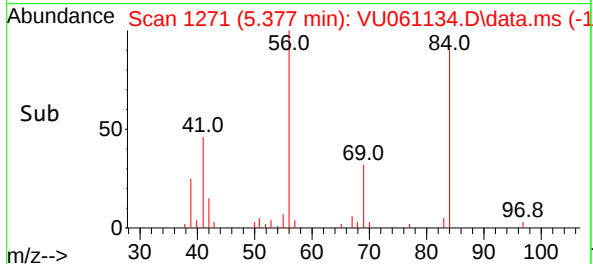
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 56 Resp: 14310
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.8
84 90.6 70.4 105.6

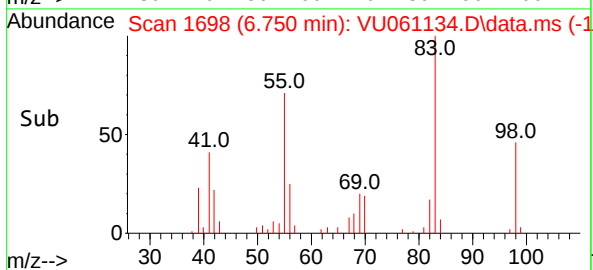
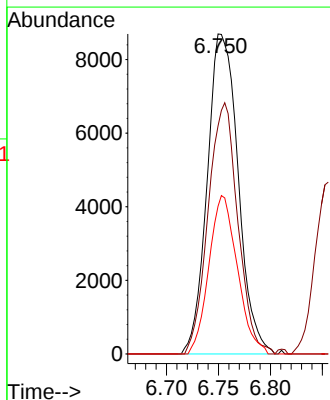
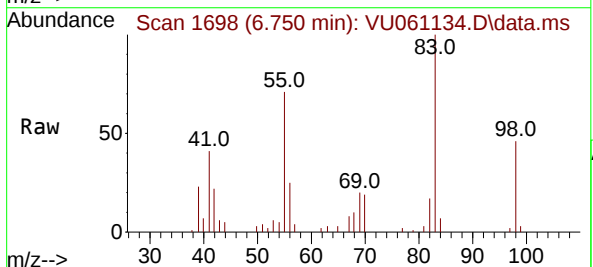
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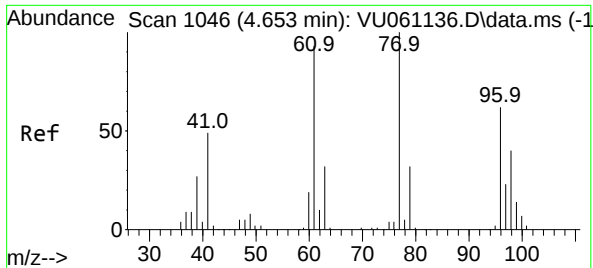
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#20
Methylcyclohexane
Concen: 1.976 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 83 Resp: 18000
Ion Ratio Lower Upper
83 100
55 75.3 56.7 85.1
98 45.5 36.9 55.3





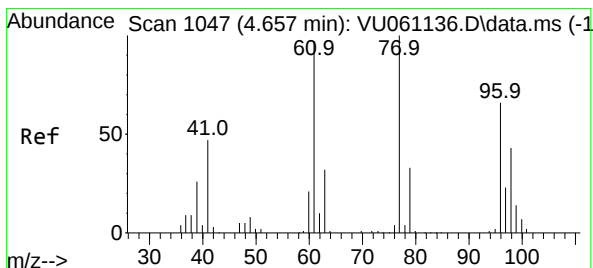
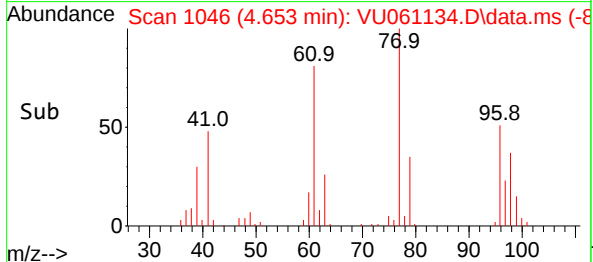
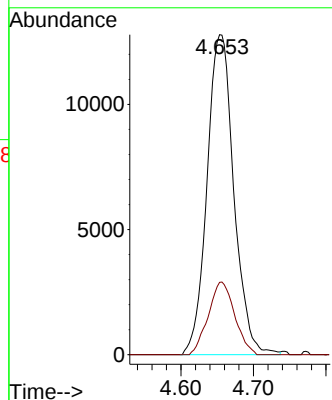
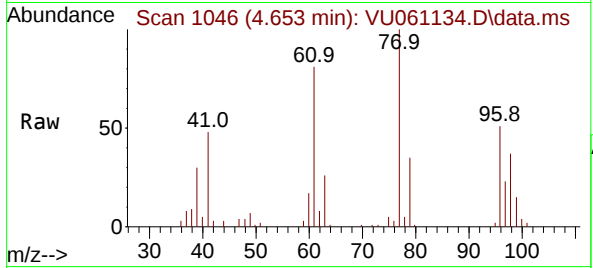
#21
2,2-Dichloropropane
Concen: 1.990 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 77 Resp: 3285
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.6

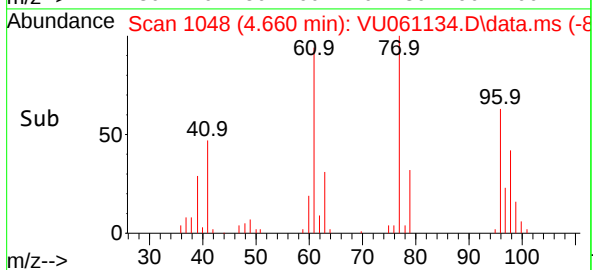
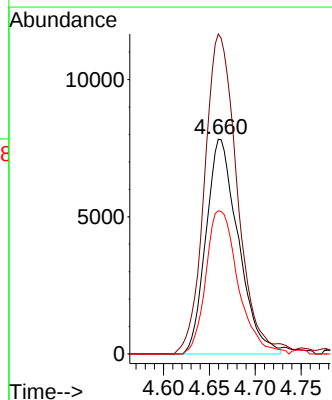
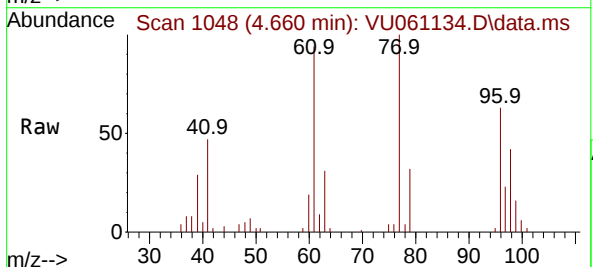
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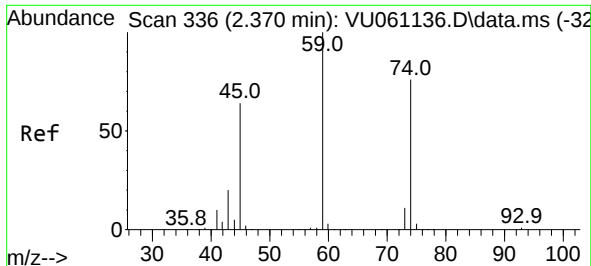
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#22
cis-1,2-Dichloroethene
Concen: 1.988 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 96 Resp: 19120
Ion Ratio Lower Upper
96 100
61 151.8 0.0 377.8
98 66.7 32.5 97.5





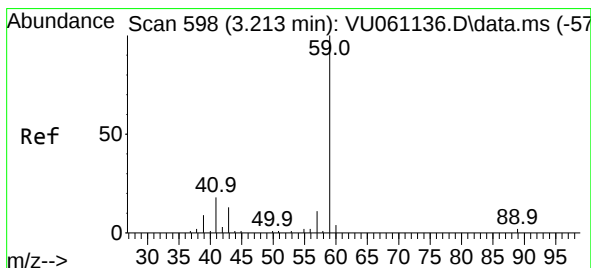
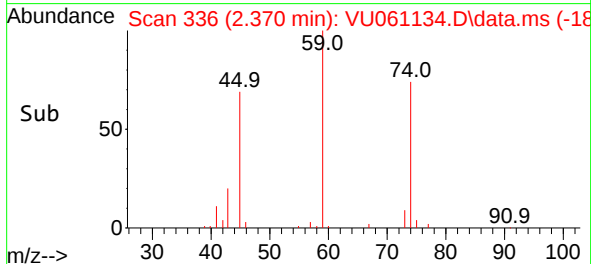
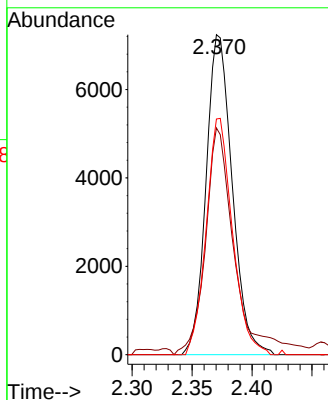
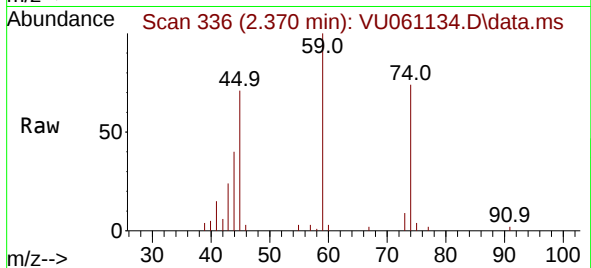
#23
Diethyl Ether
Concen: 1.996 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 1099
Ion Ratio Lower Upper
59 100
45 78.7 58.9 88.3
74 74.2 61.4 92.2

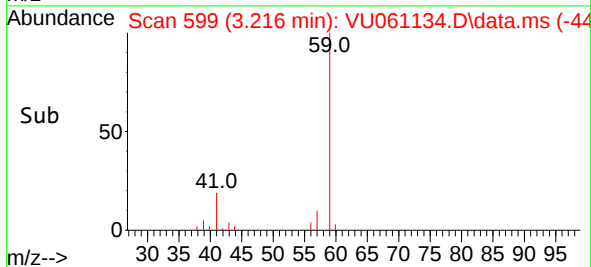
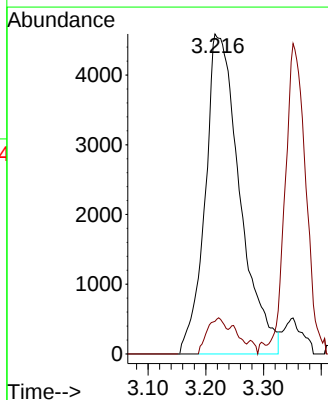
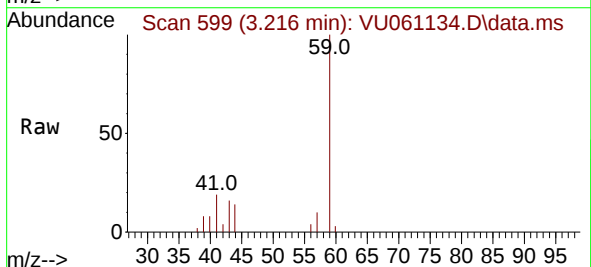
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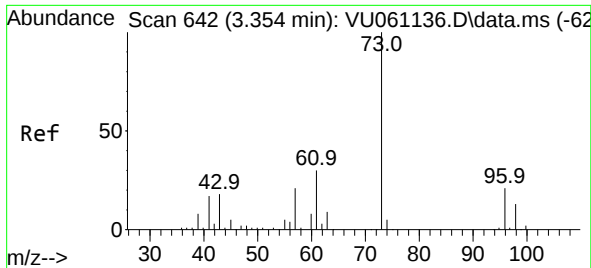
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#24
tert-Butyl Alcohol
Concen: 20.651 ug/l
RT: 3.216 min Scan# 599
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 59 Resp: 19100
Ion Ratio Lower Upper
59 100
57 6.1 8.0 12.0#





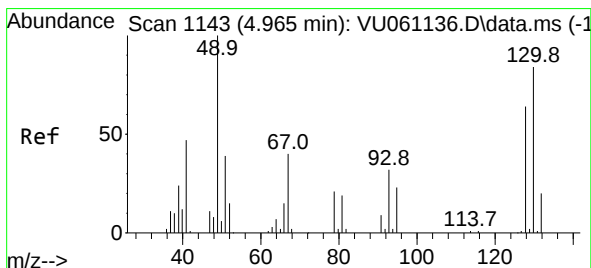
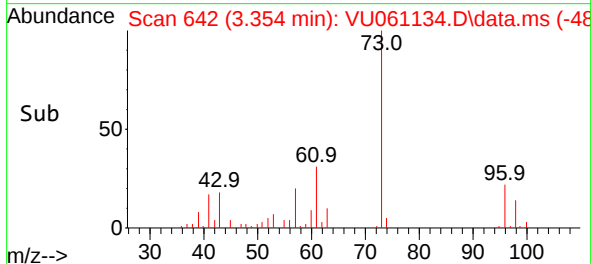
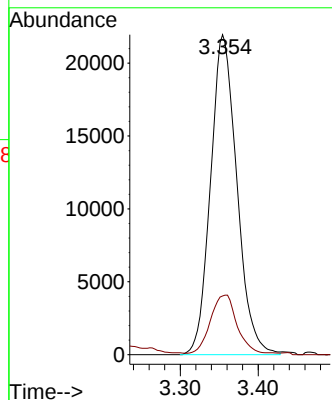
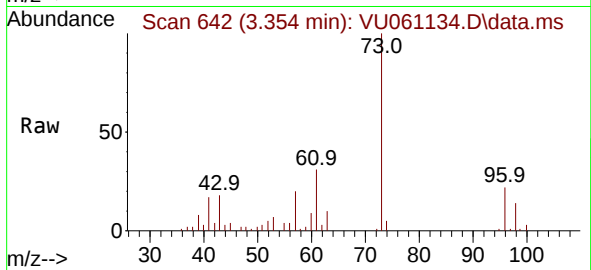
#25
Methyl tert-Butyl Ether
Concen: 2.037 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 73 Resp: 5155
Ion Ratio Lower Upper
73 100
43 18.0 14.8 22.2

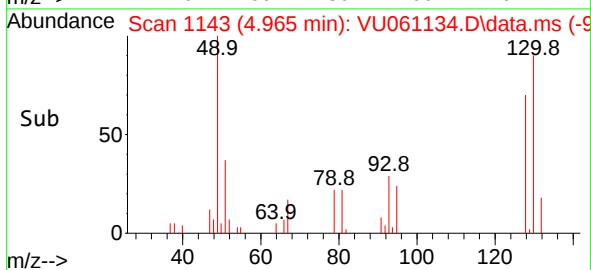
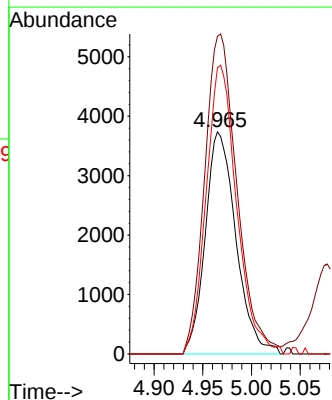
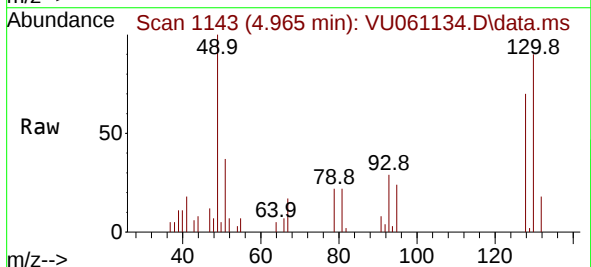
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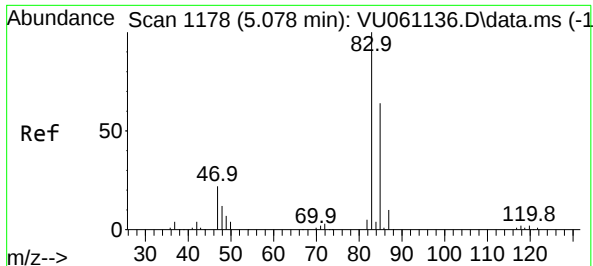
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#26
Bromochloromethane
Concen: 2.038 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:128 Resp: 8166
Ion Ratio Lower Upper
128 100
49 151.5 0.0 307.0
130 130.1 104.7 157.1





#27

Chloroform

Concen: 2.025 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 4148

Ion Ratio Lower Upper

83 100

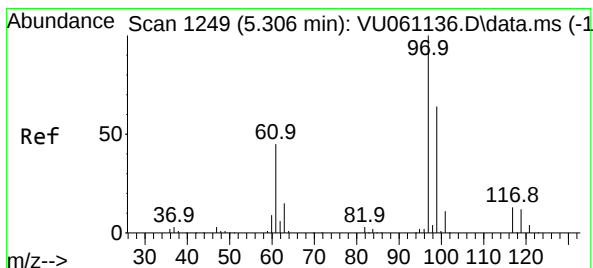
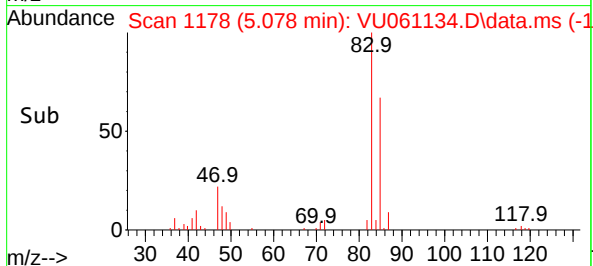
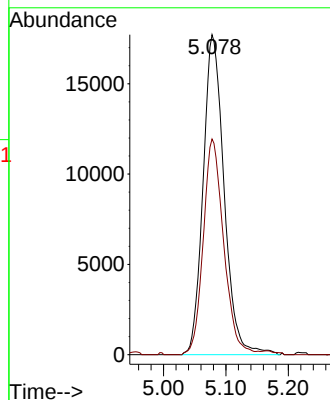
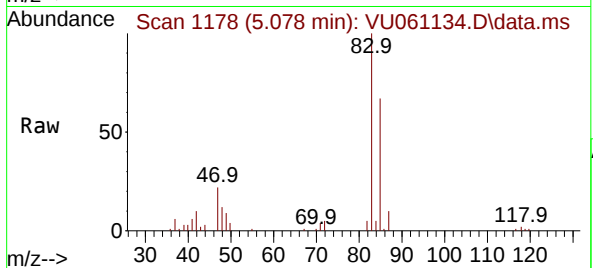
85 67.4 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#28

1,1,1-Trichloroethane

Concen: 1.969 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

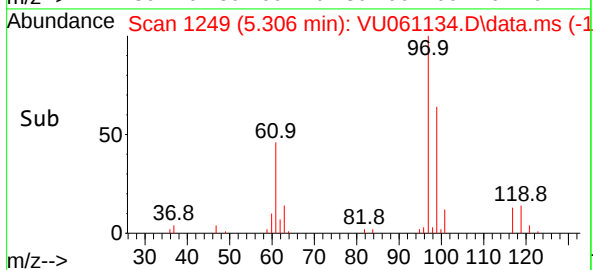
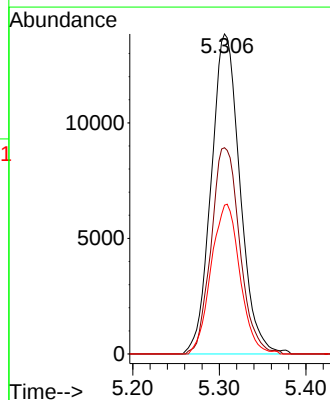
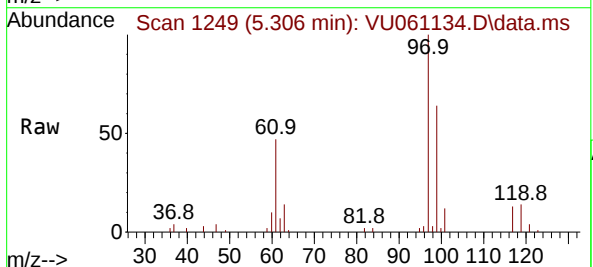
Tgt Ion: 97 Resp: 31916

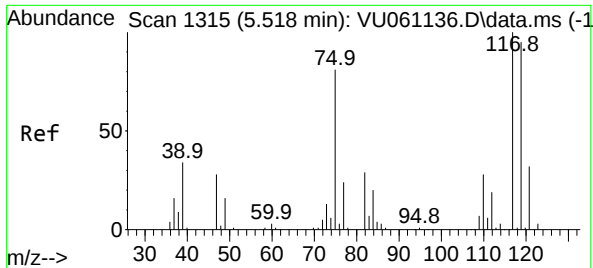
Ion Ratio Lower Upper

97 100

99 64.3 32.6 97.7

61 47.1 22.3 66.8





#29
1,1-Dichloropropene
Concen: 1.988 ug/l
RT: 5.521 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

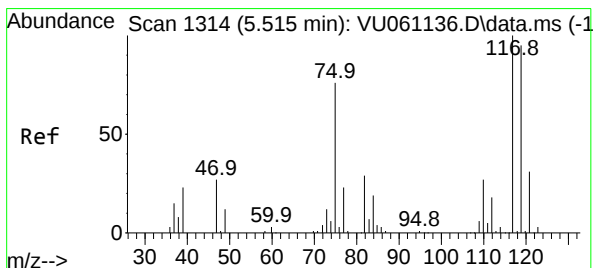
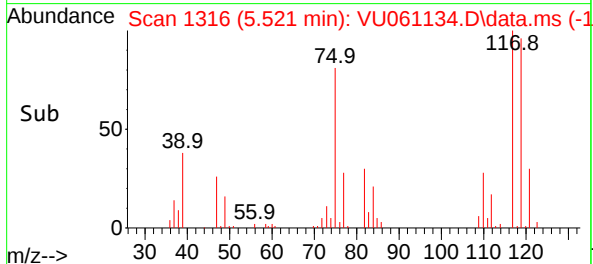
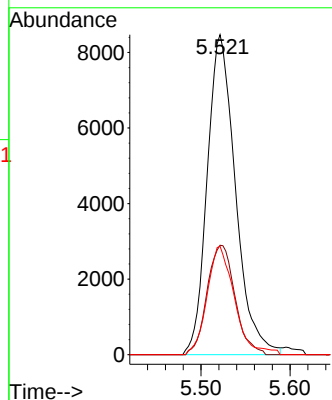
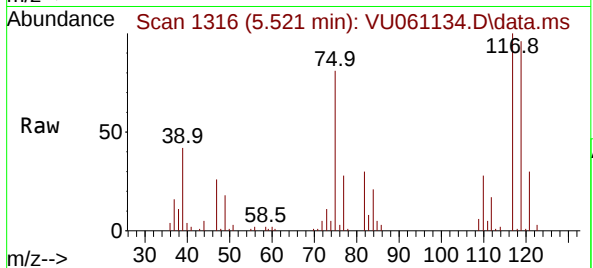
VSTDIC002

Tgt Ion: 75 Resp: 18672
Ion Ratio Lower Upper
75 100
110 33.7 18.1 54.3
77 32.8 24.0 36.0

Manual Integrations

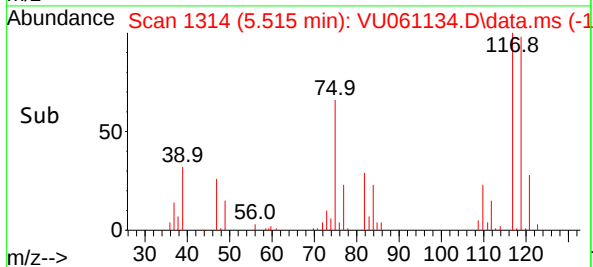
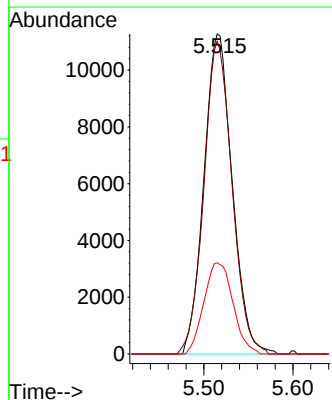
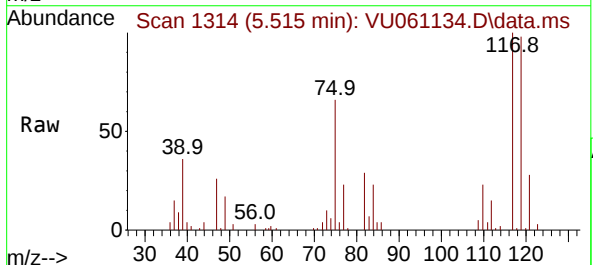
APPROVED

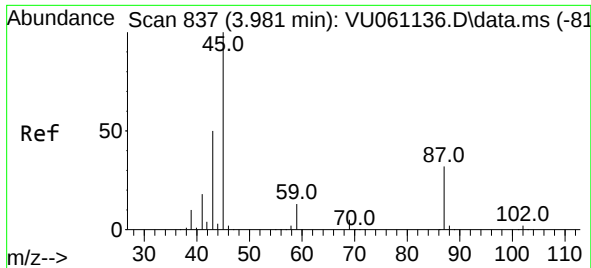
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#30
Carbon Tetrachloride
Concen: 1.989 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

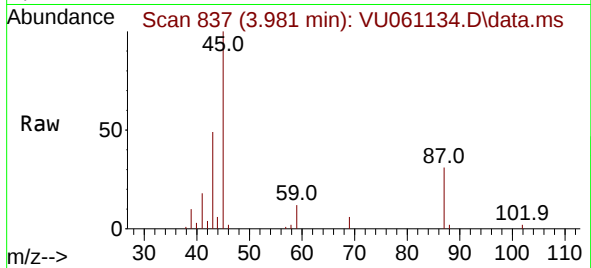
Tgt Ion:117 Resp: 24847
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
121 28.5 24.8 37.2





#31
Isopropyl Ether
Concen: 1.980 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

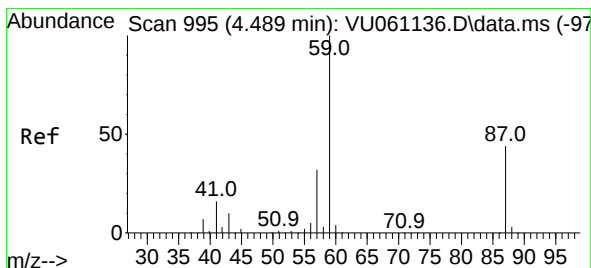
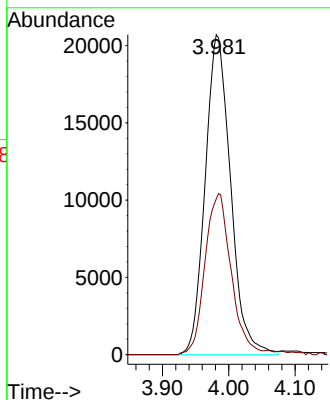
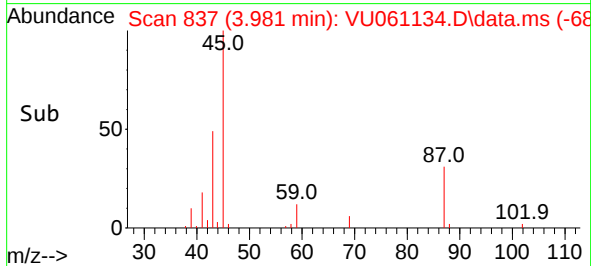
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



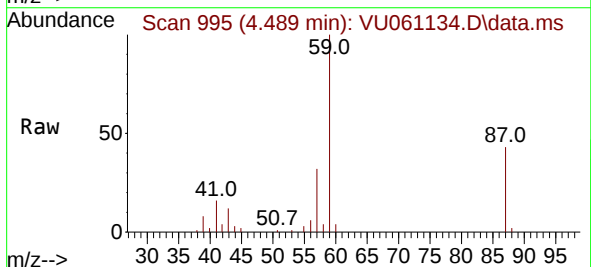
Tgt Ion: 45 Resp: 5511
Ion Ratio Lower Upper
45 100
43 51.5 25.1 75.2

Manual Integrations
APPROVED

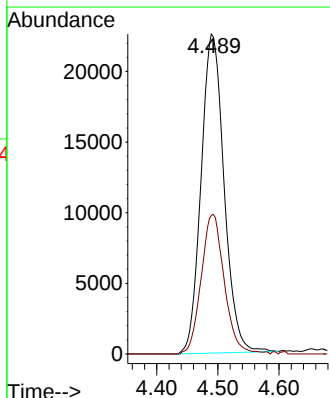
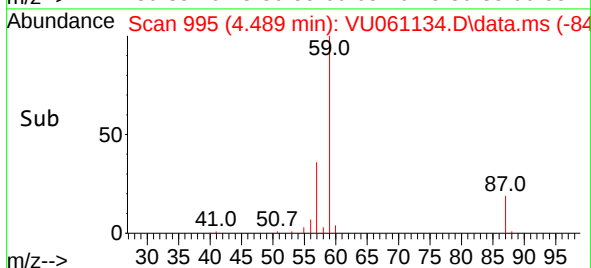
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

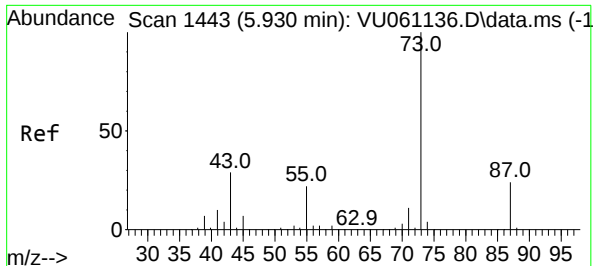


#32
Ethyl-t-butyl ether
Concen: 2.004 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



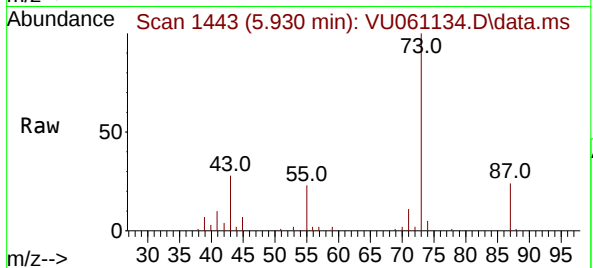
Tgt Ion: 59 Resp: 59027
Ion Ratio Lower Upper
59 100
87 43.0 34.6 52.0





#33
Tert-Amyl methyl ether
Concen: 1.980 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

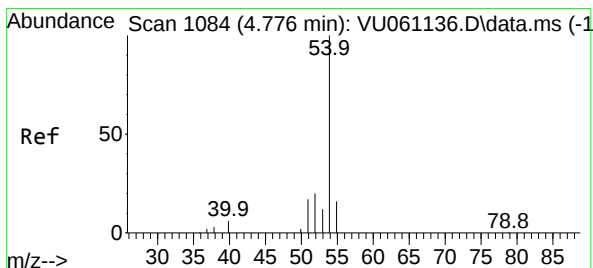
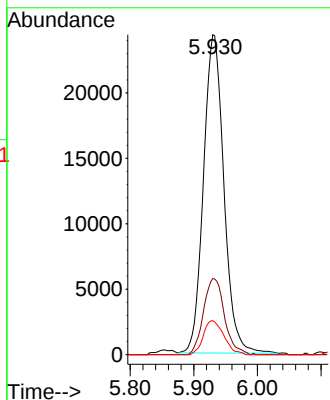
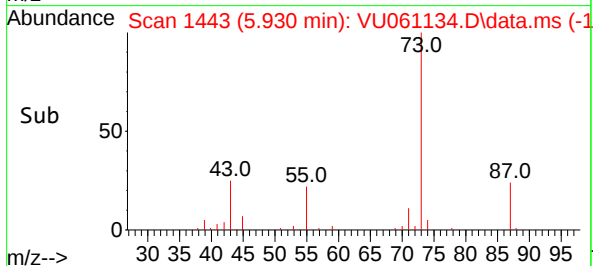
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 73 Resp: 5419
Ion Ratio Lower Upper
73 100
87 24.5 19.6 29.4
71 10.8 8.9 13.3

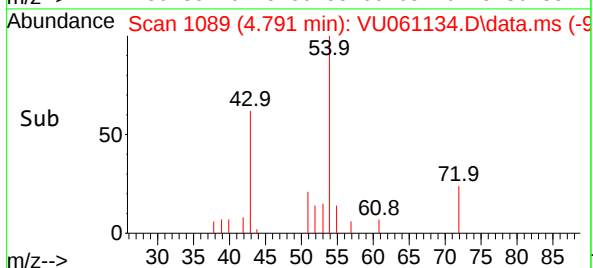
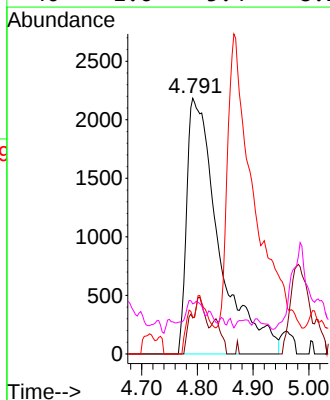
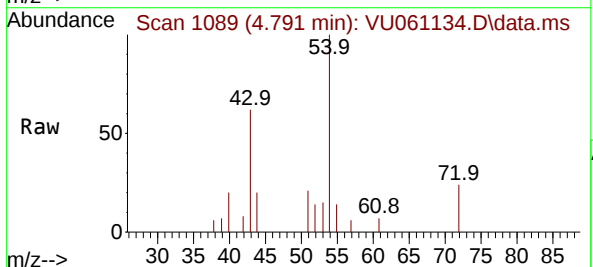
Manual Integrations
APPROVED

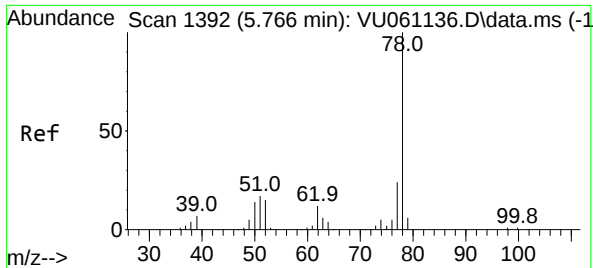
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#34
Propionitrile
Concen: 10.509 ug/l m
RT: 4.791 min Scan# 1089
Delta R.T. 0.016 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 54 Resp: 8781
Ion Ratio Lower Upper
54 100
52 0.0 15.0 22.4#
55 4.5 10.5 15.7#
40 1.6 5.4 8.2#





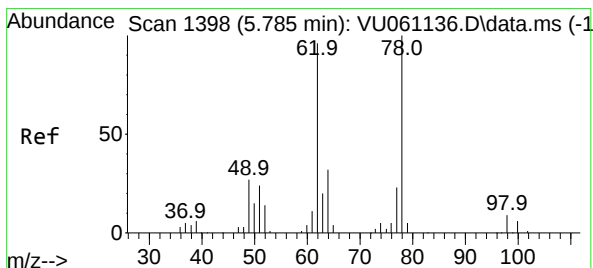
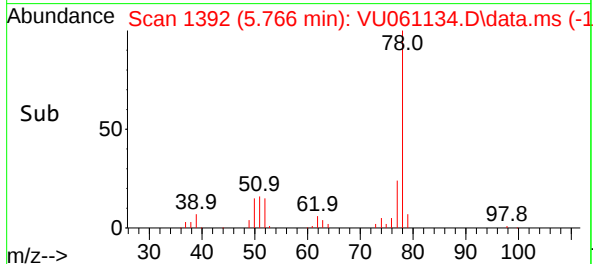
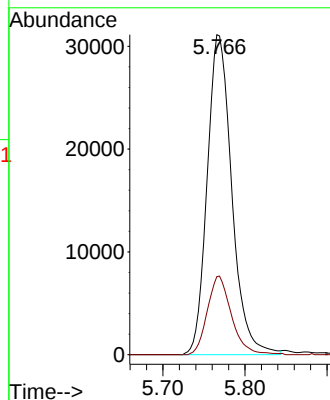
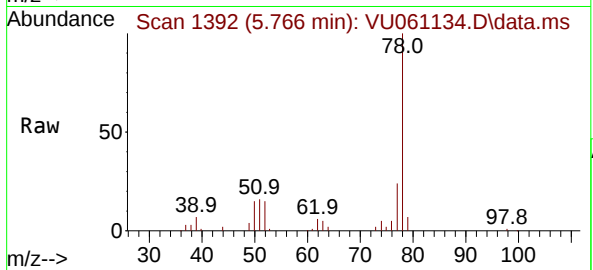
#35
Benzene
Concen: 1.969 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument : MSVOA_U
ClientSampleId : VSTDIC002

Tgt Ion: 78 Resp: 6493
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

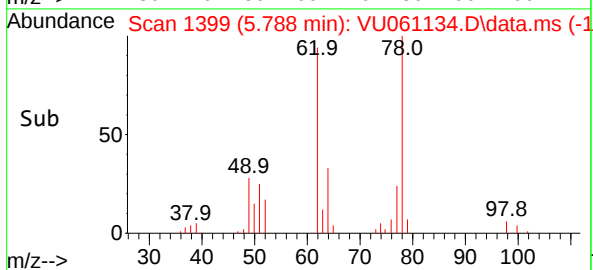
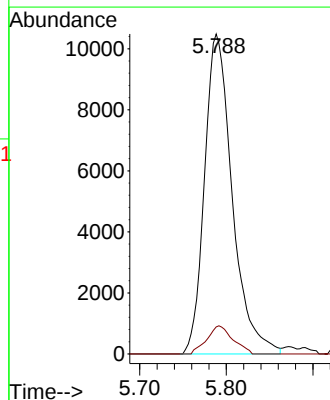
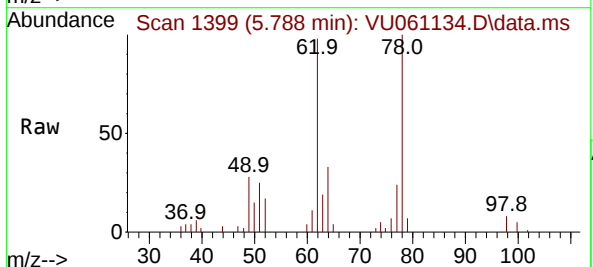
Manual Integrations
APPROVED

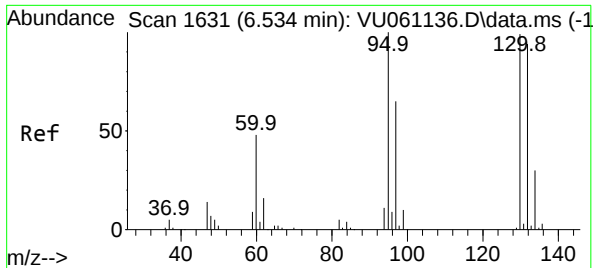
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#36
1,2-Dichloroethane
Concen: 2.049 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 62 Resp: 23305
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#37
Trichloroethene
Concen: 1.944 ug/l
RT: 6.534 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

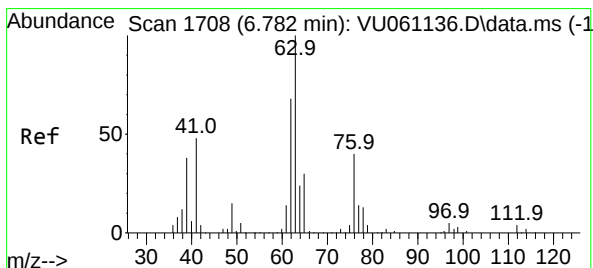
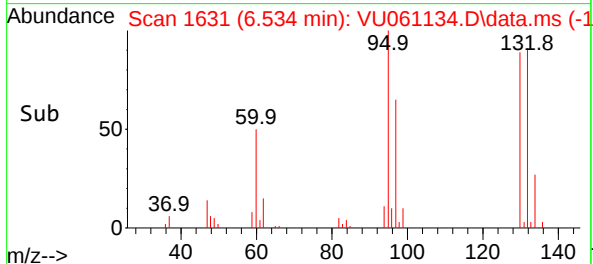
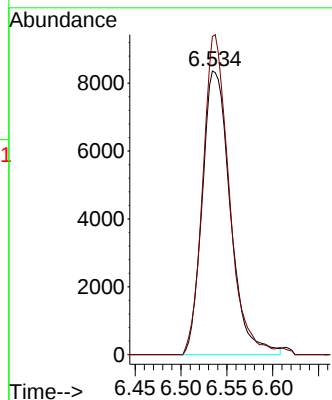
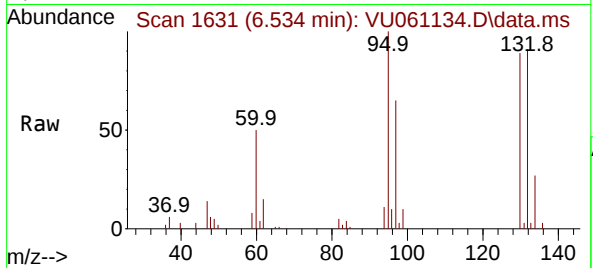
VSTDICC002

Tgt Ion:130 Resp: 1776
Ion Ratio Lower Upper
130 100
95 112.2 80.7 121.1

Manual Integrations

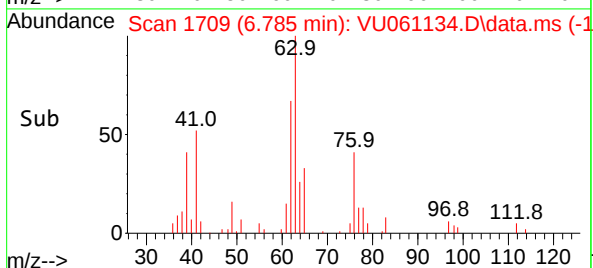
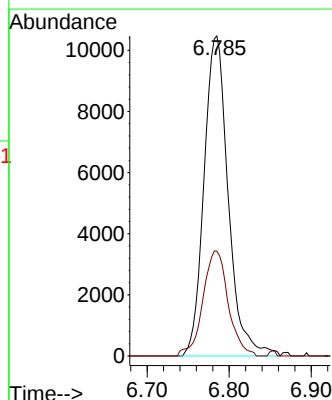
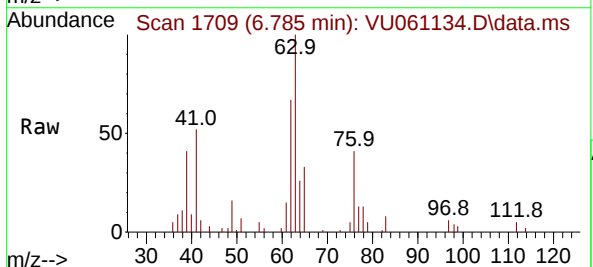
APPROVED

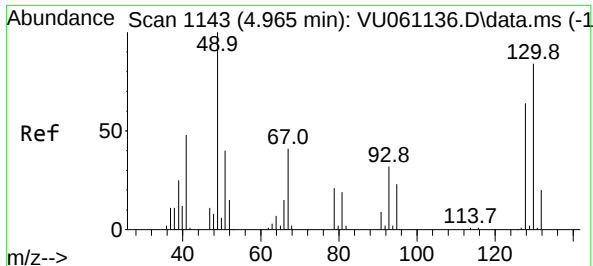
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#38
1,2-Dichloropropane
Concen: 1.958 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 63 Resp: 21459
Ion Ratio Lower Upper
63 100
65 32.8 24.3 36.5





#39

Methacrylonitrile

Concen: 1.950 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.019 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

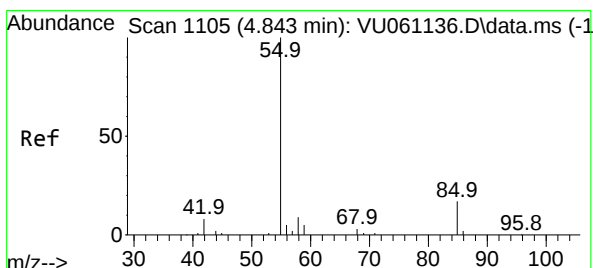
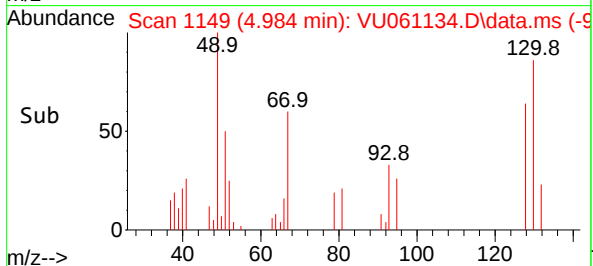
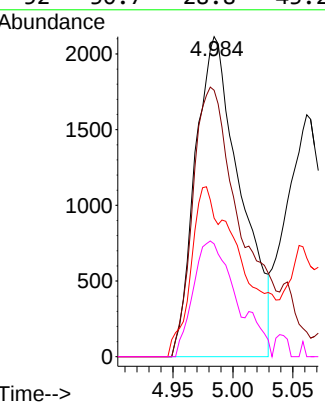
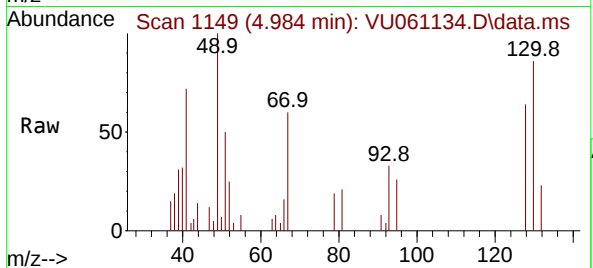
VSTDICC002

Tgt Ion:	41	Resp:	5520
Ion	Ratio	Lower	Upper
41	100		
67	91.5	75.5	113.3
39	60.6	45.8	68.6
52	30.7	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#40

Methyl acrylate

Concen: 1.977 ug/l

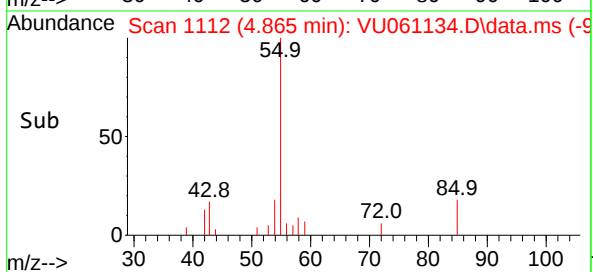
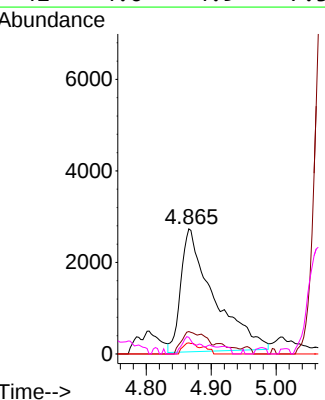
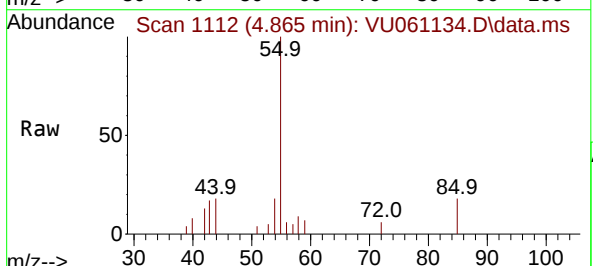
RT: 4.865 min Scan# 1112

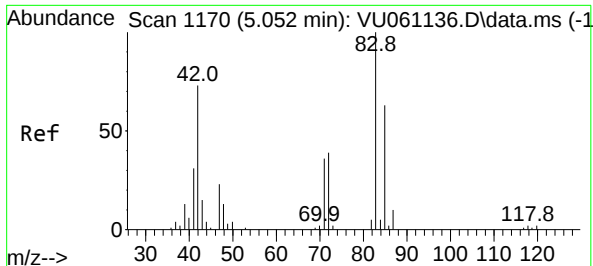
Delta R.T. 0.022 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Tgt Ion:	55	Resp:	9433
Ion	Ratio	Lower	Upper
55	100		
85	13.6	13.8	20.6#
58	3.8	6.2	9.4#
42	4.6	4.9	7.3#





#41

Tetrahydrofuran

Concen: 4.295 ug/l m

RT: 5.065 min Scan# 1174

Delta R.T. 0.013 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

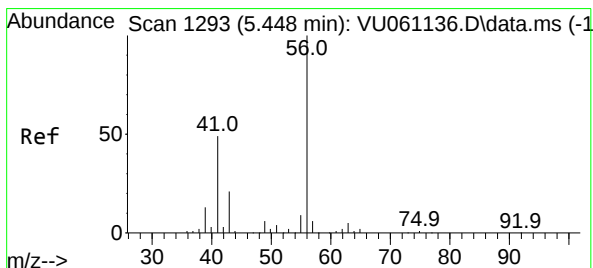
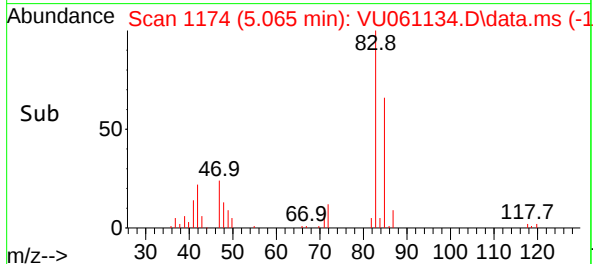
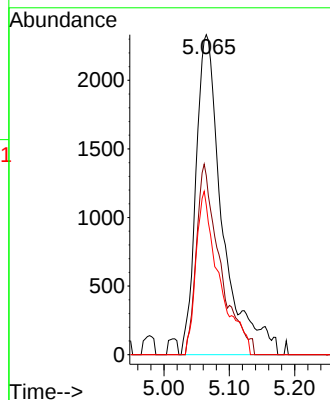
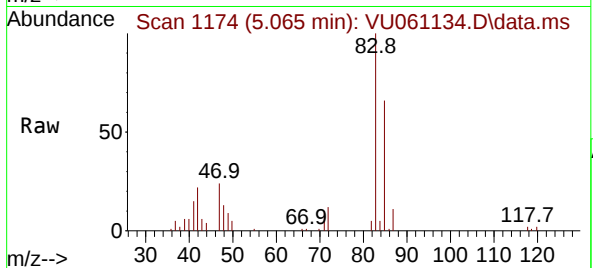
VSTDIC002

Tgt Ion:	42	Resp:	655
Ion Ratio	Lower	Upper	
42	100		
72	53.0	46.4	69.6
71	44.9	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#42

1-Chlorobutane

Concen: 1.930 ug/l

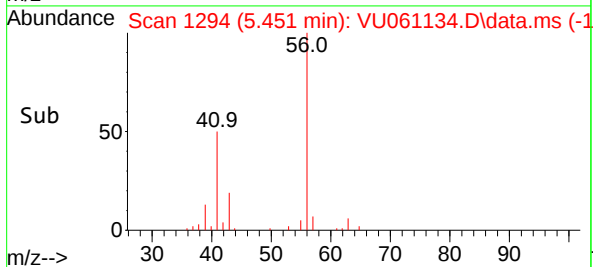
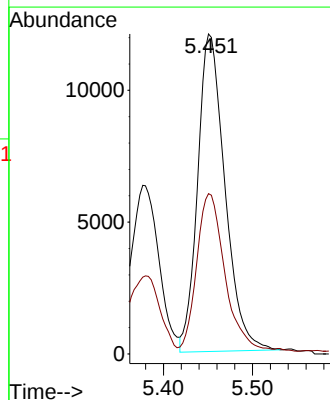
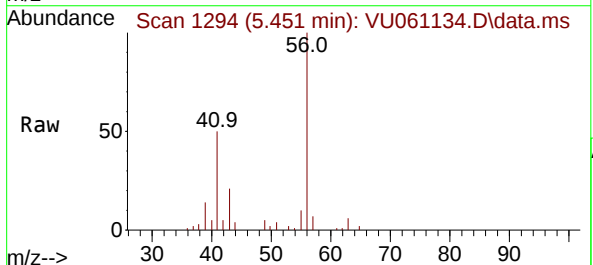
RT: 5.451 min Scan# 1294

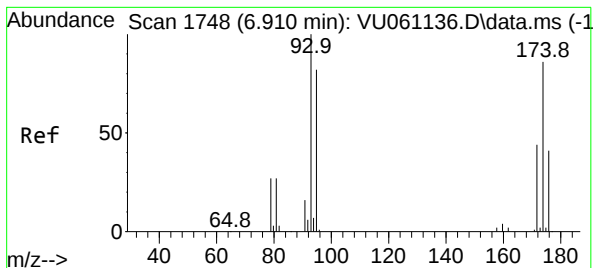
Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Tgt Ion:	56	Resp:	25600
Ion Ratio	Lower	Upper	
56	100		
41	50.7	24.6	73.6





#43

Dibromomethane

Concen: 1.998 ug/l

RT: 6.914 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 93 Resp: 10192

Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

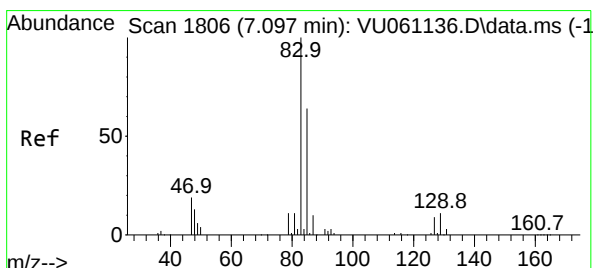
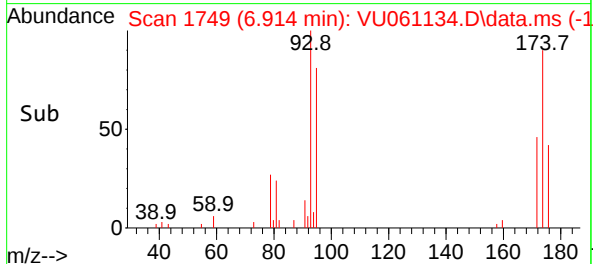
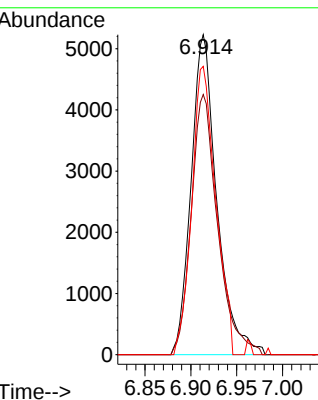
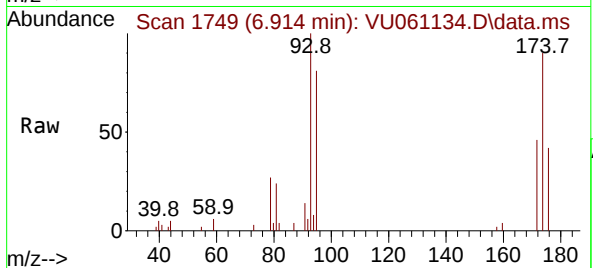
174 83.9 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#44

Bromodichloromethane

Concen: 2.006 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

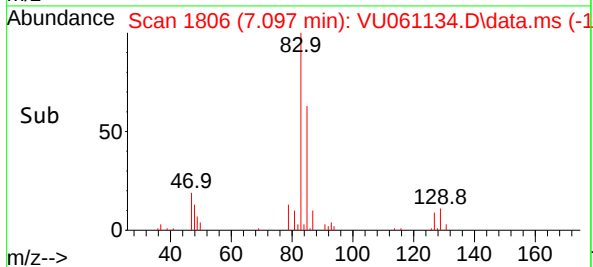
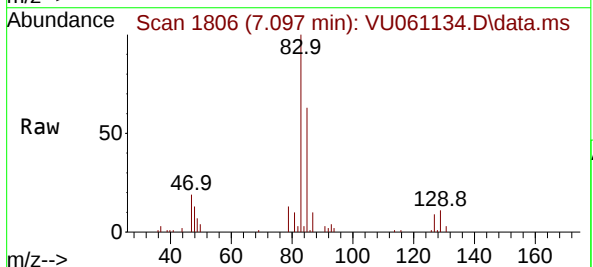
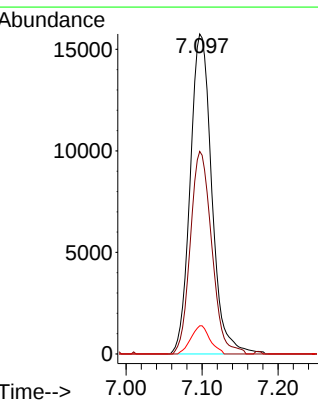
Tgt Ion: 83 Resp: 31038

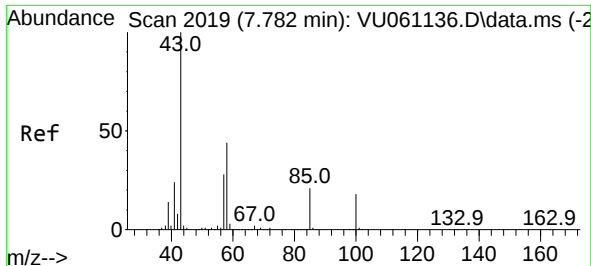
Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.0

127 8.8 7.0 10.6





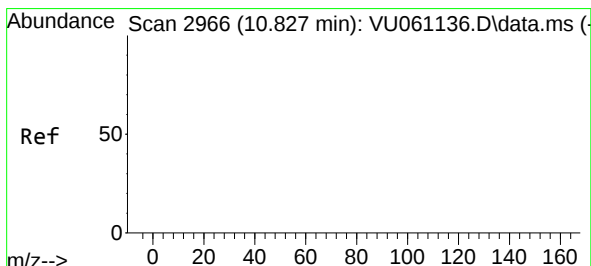
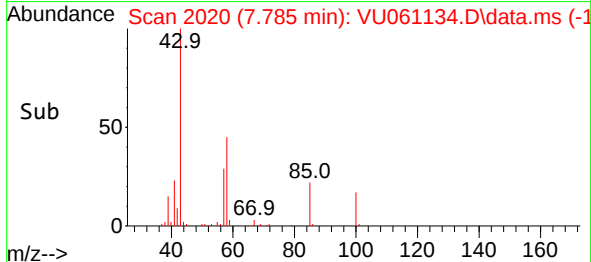
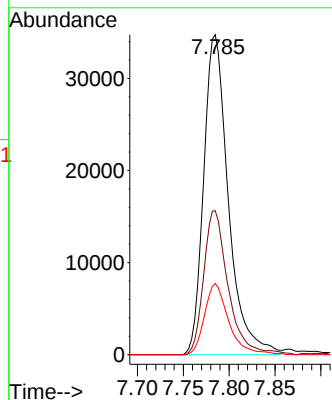
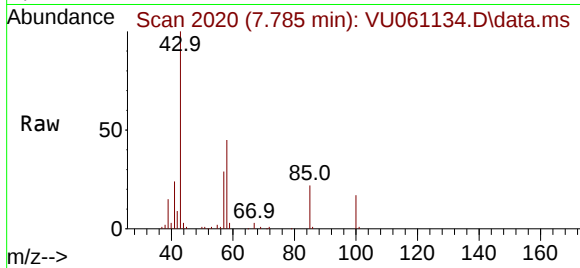
#45
4-Methyl-2-Pentanone
Concen: 9.740 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 6514
Ion Ratio Lower Upper
43 100
58 44.6 22.1 66.3
85 21.7 16.8 25.2

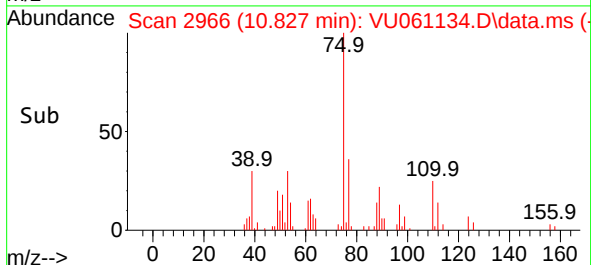
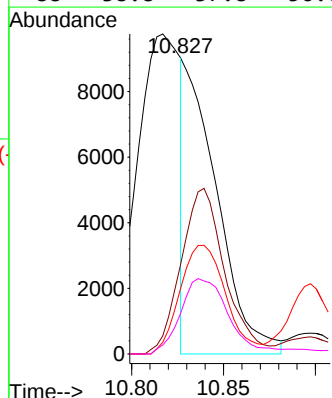
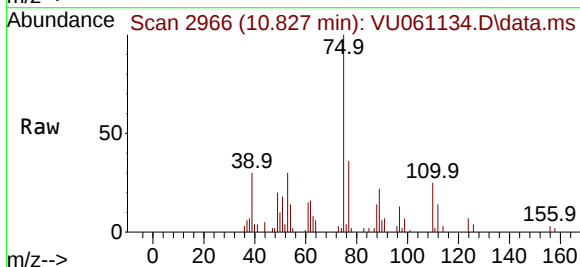
Manual Integrations
APPROVED

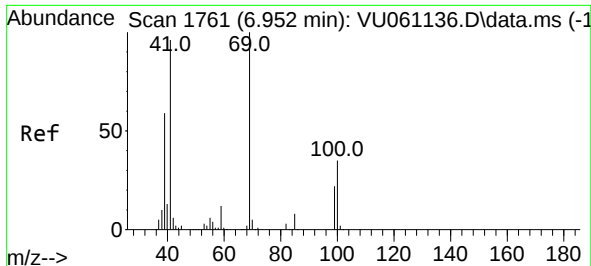
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#46
t-1,4-Dichloro-2-butene
Concen: 3.916 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

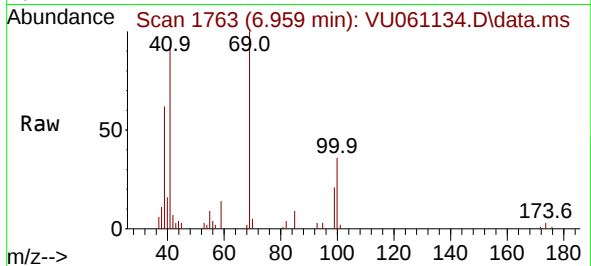
Tgt Ion: 75 Resp: 11204
Ion Ratio Lower Upper
75 100
53 74.4 66.6 100.0
89 51.5 48.4 72.6
88 38.8 37.8 56.6





#47
Methyl methacrylate
Concen: 3.991 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.006 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

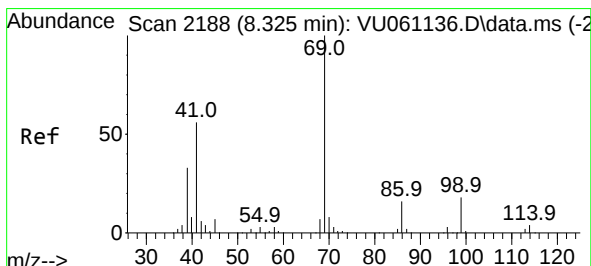
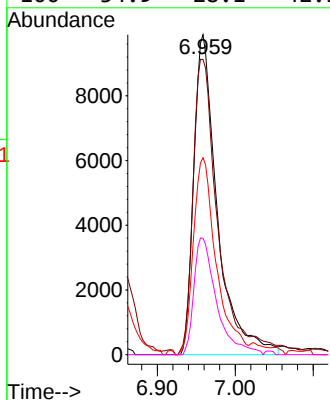
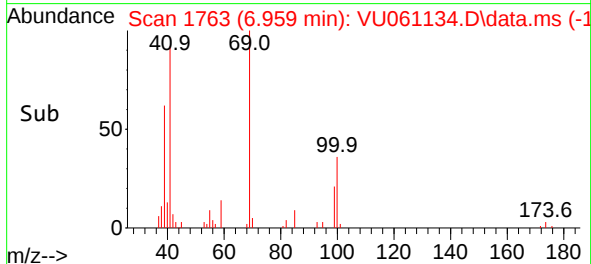
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 69 Resp: 20814
Ion Ratio Lower Upper
69 100
41 93.2 0.0 193.8
39 59.8 47.4 71.2
100 34.9 28.1 42.1

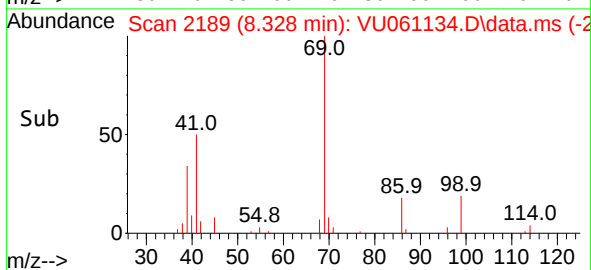
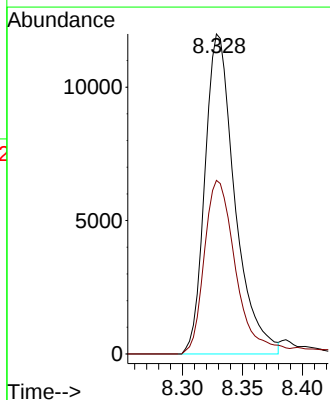
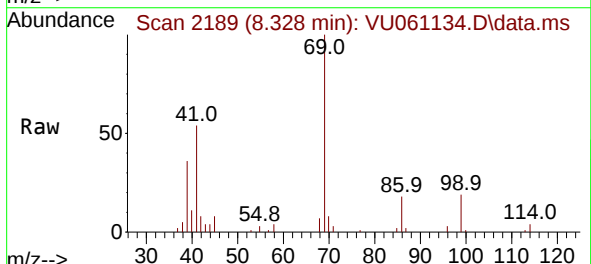
Manual Integrations
APPROVED

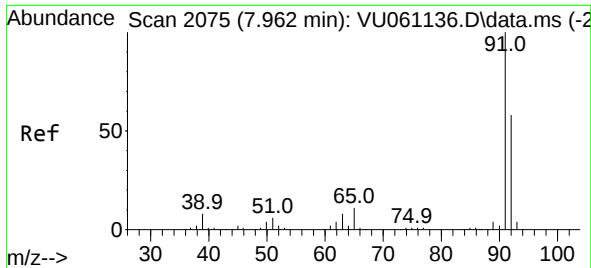
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#48
Ethyl methacrylate
Concen: 1.913 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

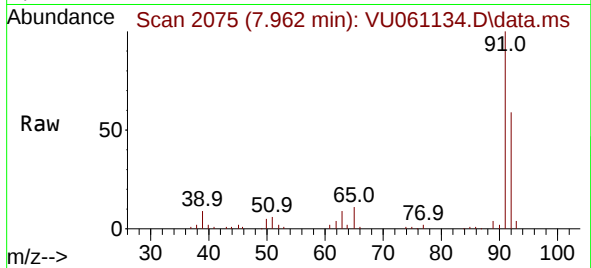
Tgt Ion: 69 Resp: 20819
Ion Ratio Lower Upper
69 100
41 56.9 27.6 82.8





#49
Toluene
Concen: 2.002 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

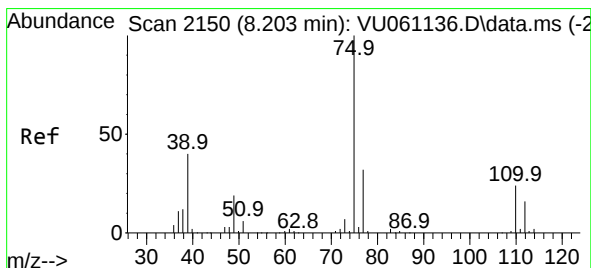
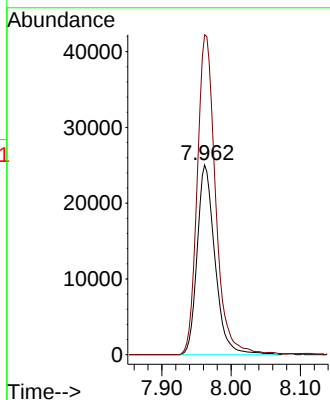
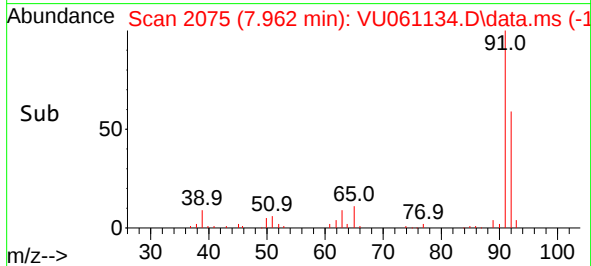
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 4485
Ion Ratio Lower Upper
92 100
91 172.7 138.7 208.1

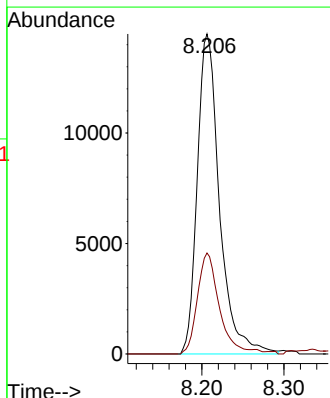
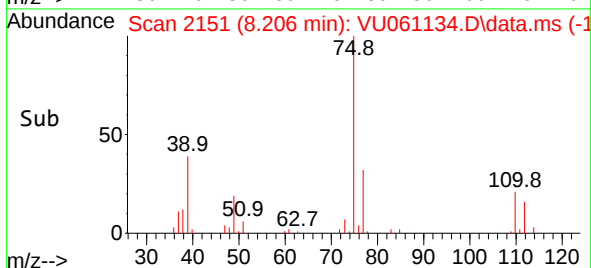
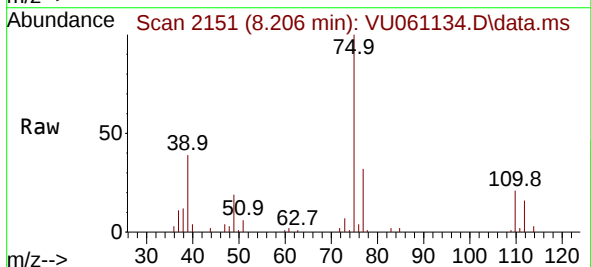
Manual Integrations
APPROVED

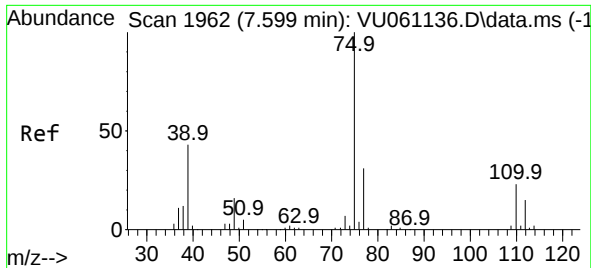
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#50
t-1,3-Dichloropropene
Concen: 1.998 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 75 Resp: 27212
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.954 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061134.D
 Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

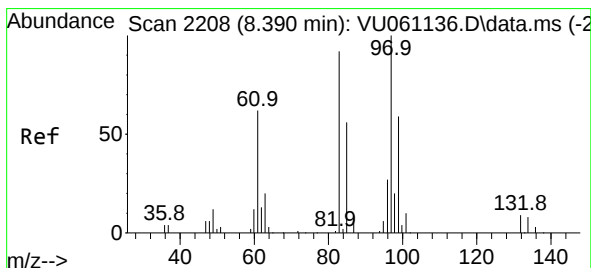
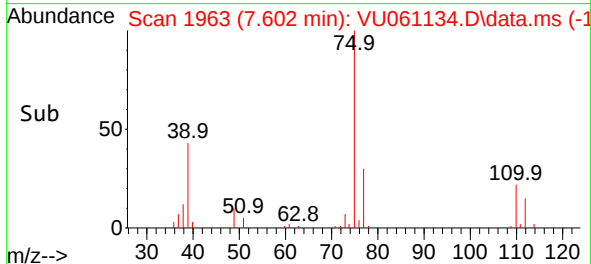
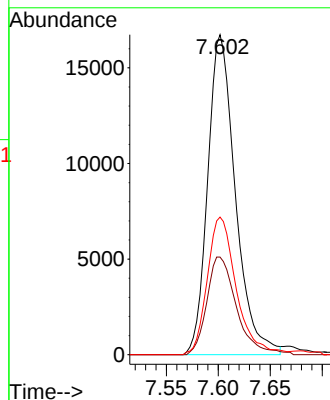
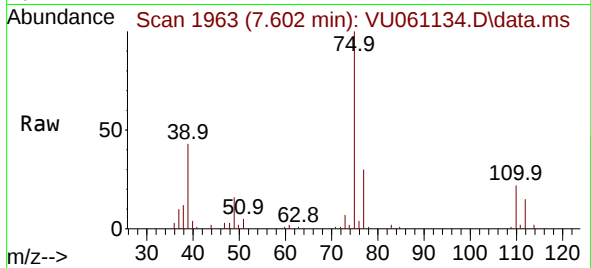
VSTDIC002

Tgt Ion: 75 Resp: 30989
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0
 39 43.0 34.5 51.7

Manual Integrations

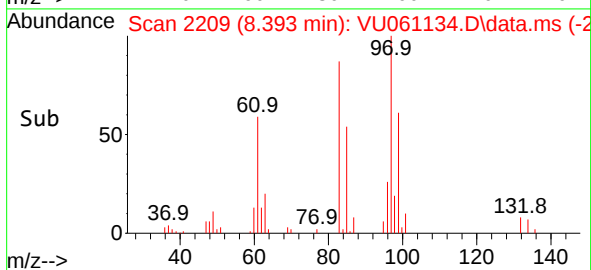
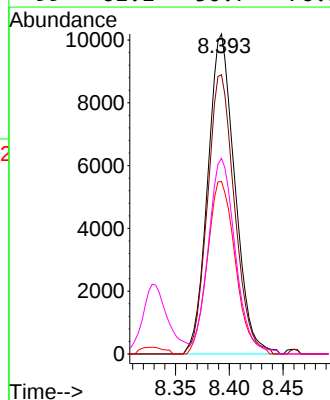
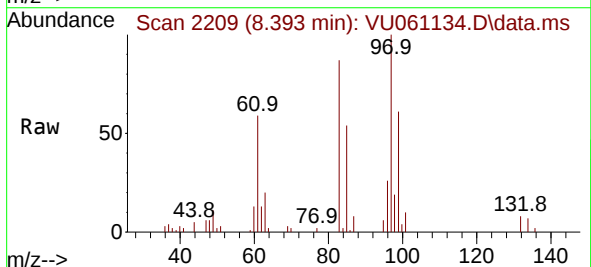
APPROVED

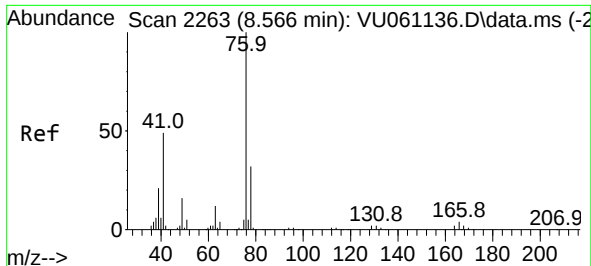
Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024



#52
 1,1,2-Trichloroethane
 Concen: 2.062 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061134.D
 Acq: 16 Oct 2024 10:51

Tgt Ion: 97 Resp: 17822
 Ion Ratio Lower Upper
 97 100
 83 87.2 73.6 110.4
 85 53.9 45.3 67.9
 99 61.1 50.7 76.1





#53

1,3-Dichloropropane

Concen: 1.996 ug/l

RT: 8.569 min Scan# 2263

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 27940

Ion Ratio Lower Upper

76 100

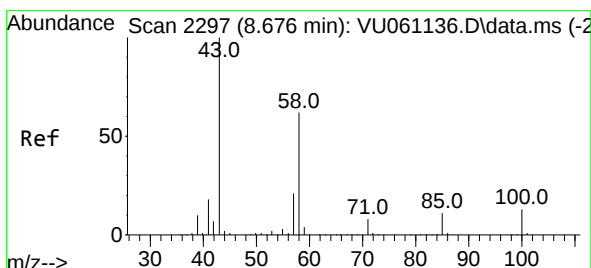
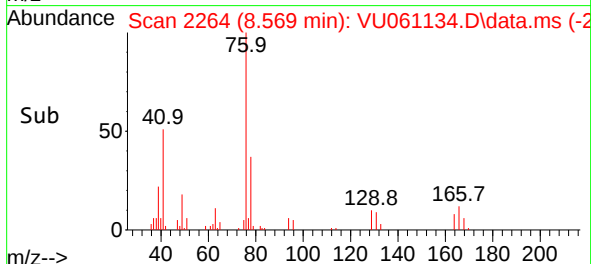
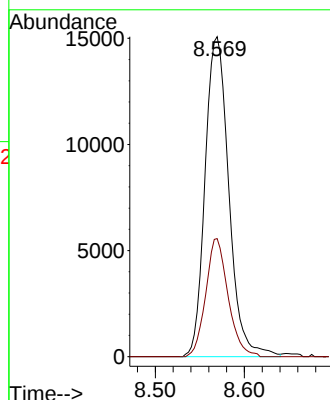
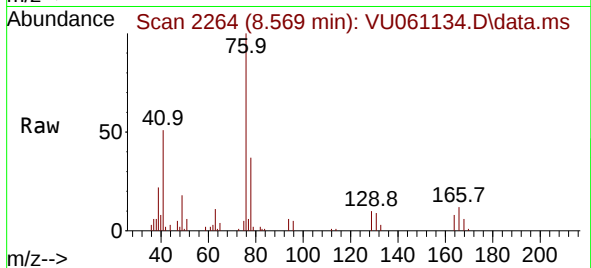
78 34.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#54

2-Hexanone

Concen: 9.540 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

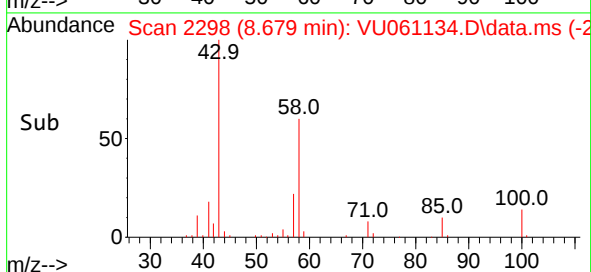
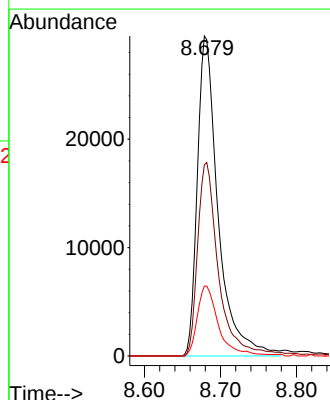
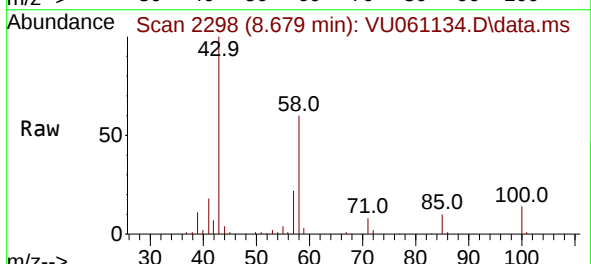
Tgt Ion: 43 Resp: 56120

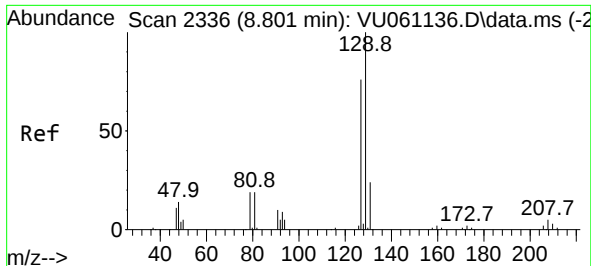
Ion Ratio Lower Upper

43 100

58 61.0 42.4 82.4

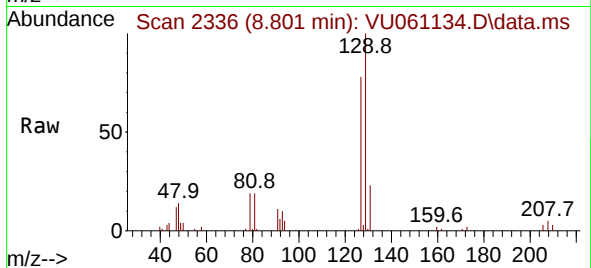
57 22.3 1.5 41.5





#55
Dibromochloromethane
Concen: 1.993 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

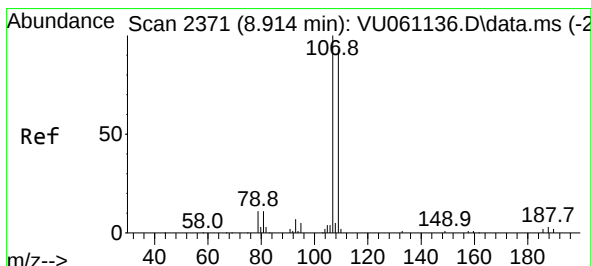
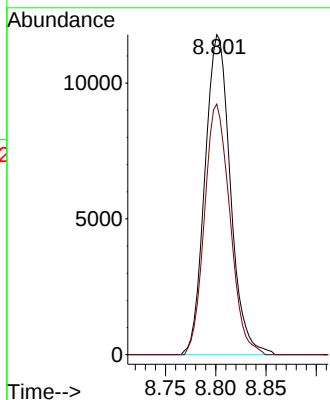
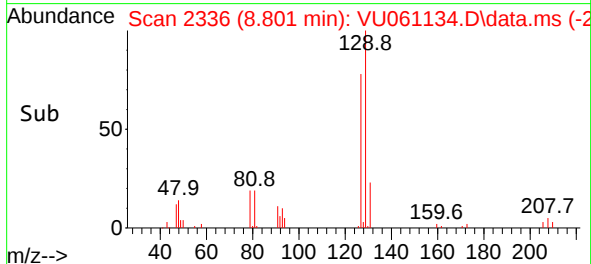
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



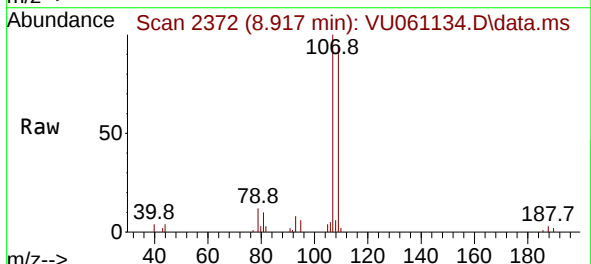
Tgt Ion:129 Resp: 20798
Ion Ratio Lower Upper
129 100
127 78.2 61.4 92.0

Manual Integrations
APPROVED

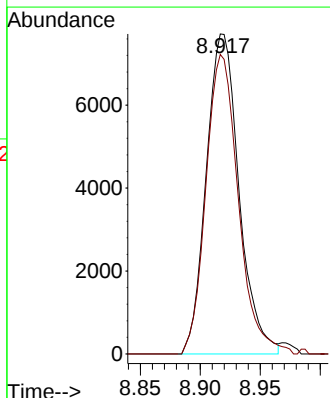
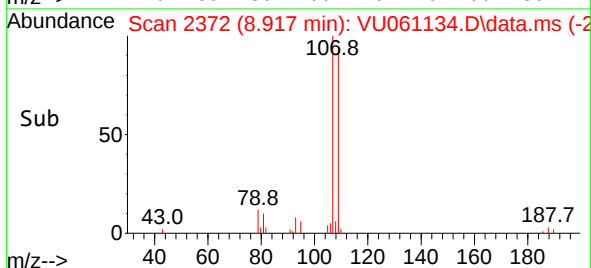
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

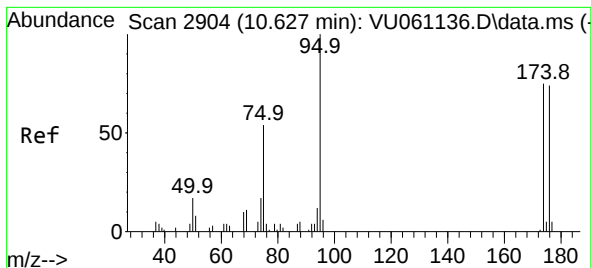


#56
1,2-Dibromoethane
Concen: 2.015 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



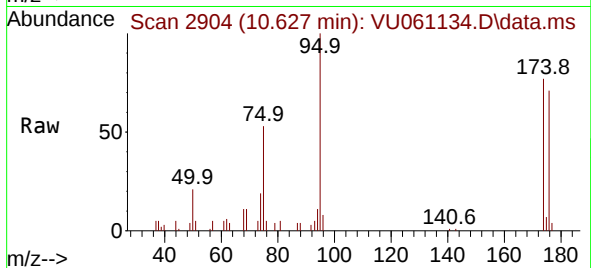
Tgt Ion:107 Resp: 14675
Ion Ratio Lower Upper
107 100
109 92.6 0.0 189.6





#57
4-Bromofluorobenzene
Concen: 1.032 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

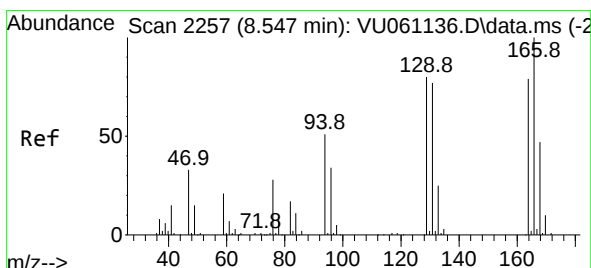
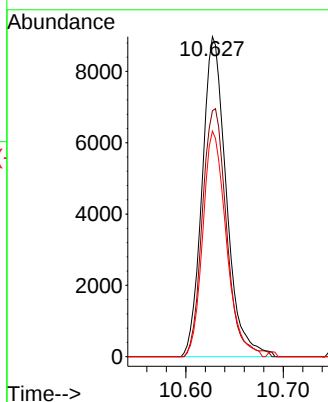
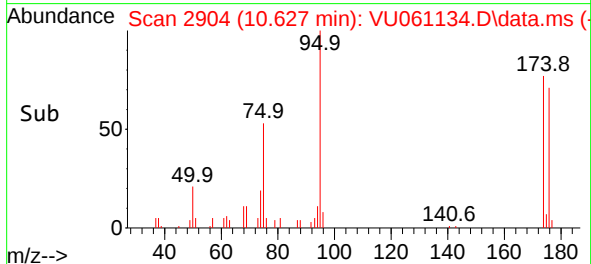
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



Tgt Ion: 95 Resp: 15492
Ion Ratio Lower Upper
95 100
174 77.6 59.7 89.5
176 68.4 60.2 90.2

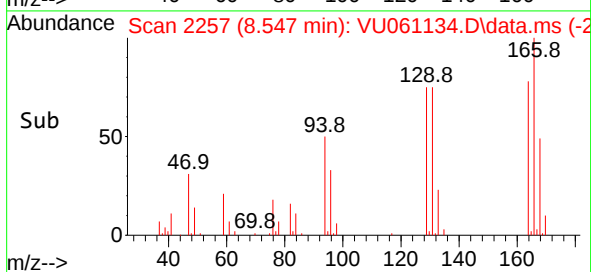
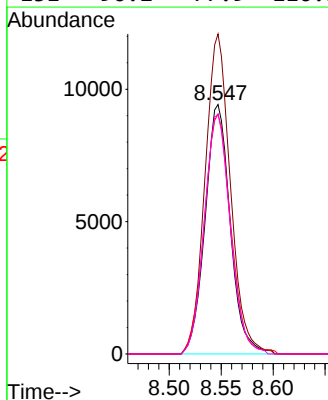
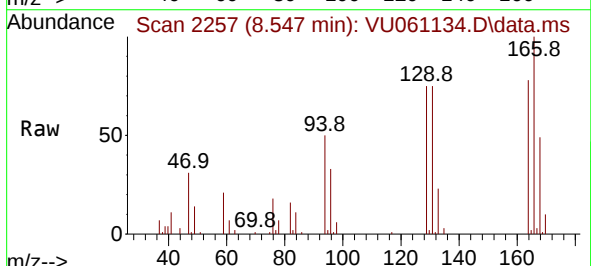
Manual Integrations
APPROVED

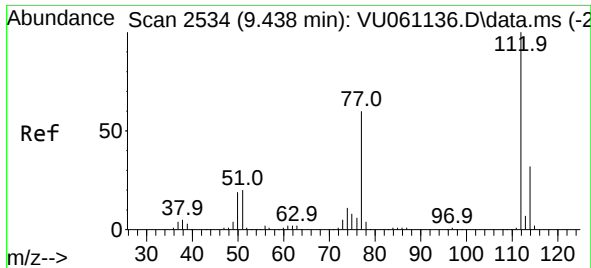
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#58
Tetrachloroethene
Concen: 1.985 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:164 Resp: 15862
Ion Ratio Lower Upper
164 100
166 128.3 101.4 152.0
129 96.2 80.7 121.1
131 96.2 77.9 116.9





#59

Chlorobenzene

Concen: 1.999 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:112 Resp: 5805

Ion Ratio Lower Upper

112 100

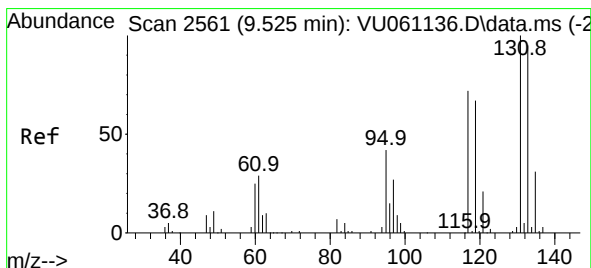
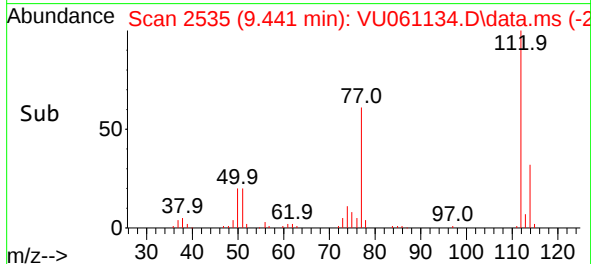
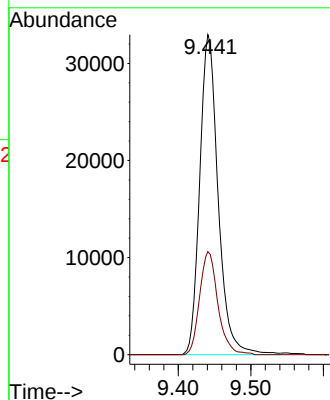
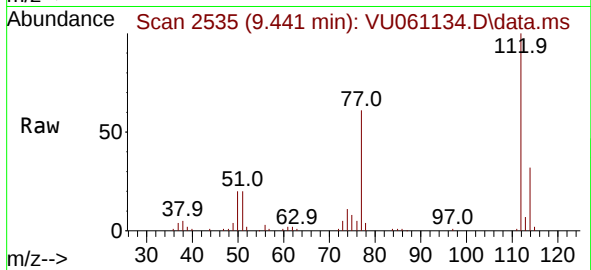
114 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 1.990 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

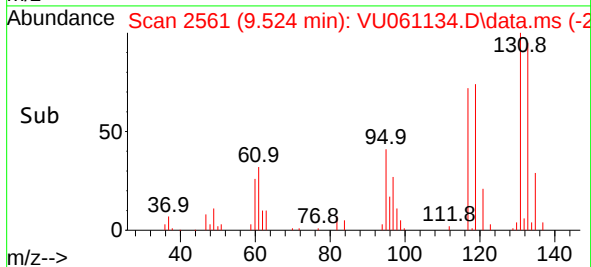
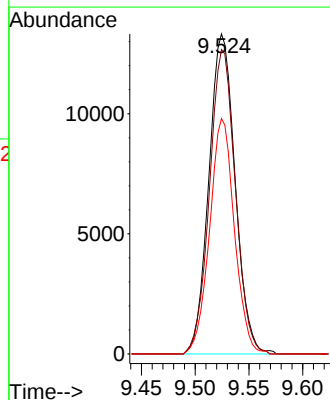
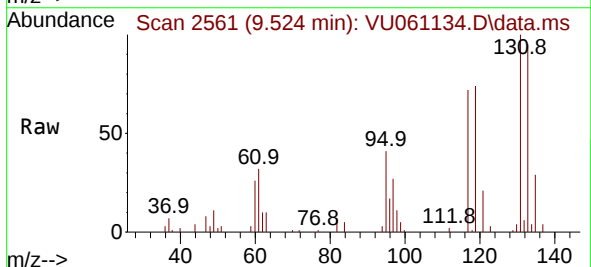
Tgt Ion:131 Resp: 22542

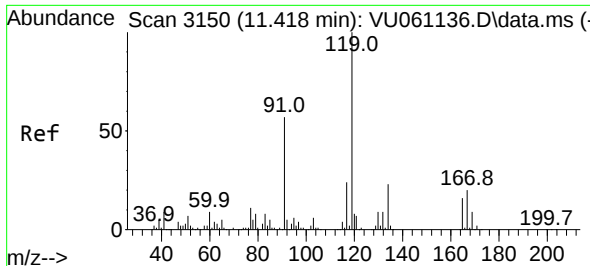
Ion Ratio Lower Upper

131 100

133 94.2 76.1 114.1

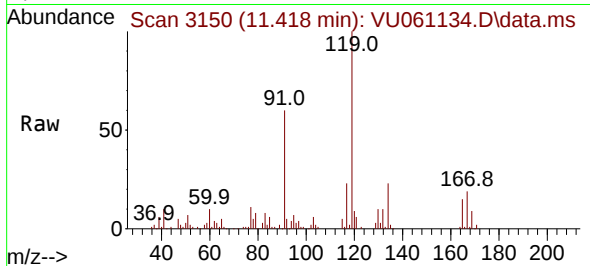
119 69.7 53.4 80.0





#61
Pentachloroethane
Concen: 1.933 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

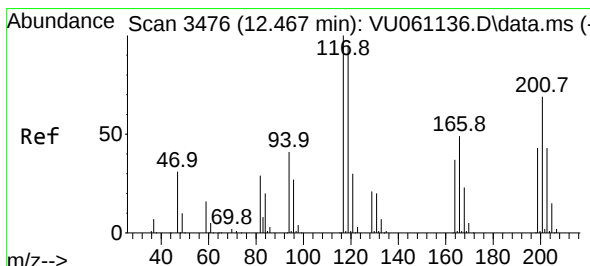
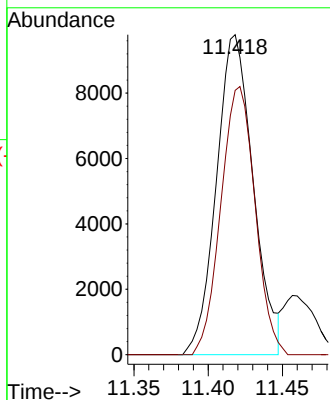
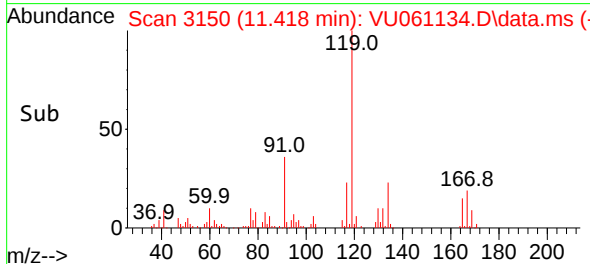
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:117 Resp: 1687
Ion Ratio Lower Upper
117 100
167 77.9 63.6 95.4

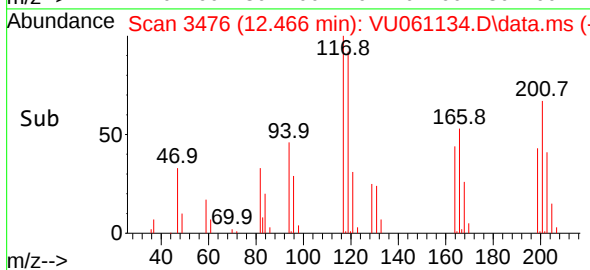
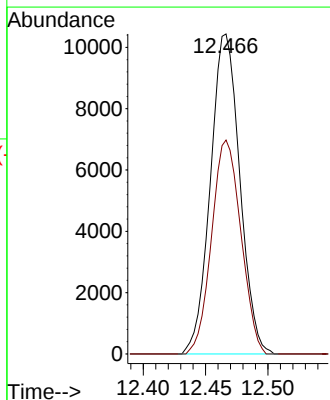
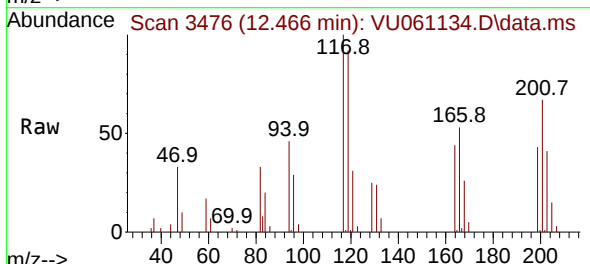
Manual Integrations
APPROVED

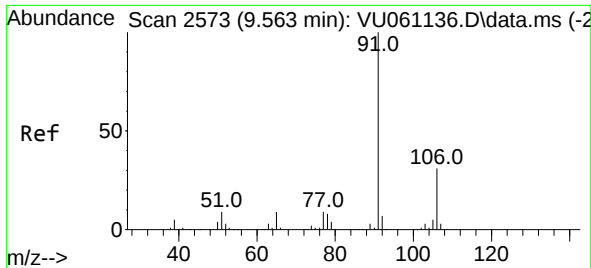
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#62
Hexachloroethane
Concen: 1.885 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:117 Resp: 17156
Ion Ratio Lower Upper
117 100
201 66.5 54.3 81.5





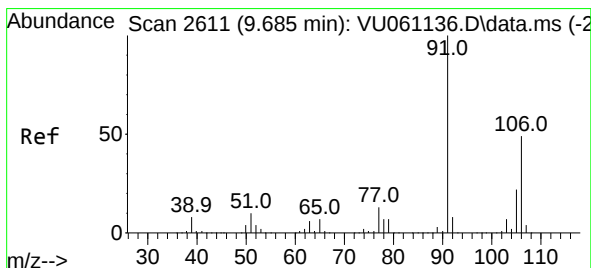
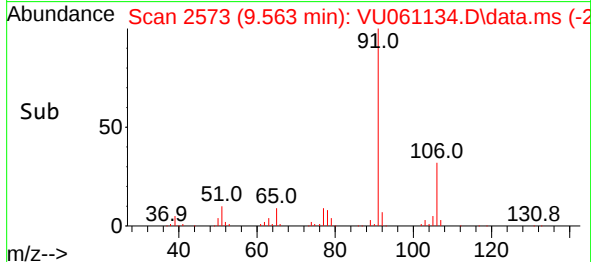
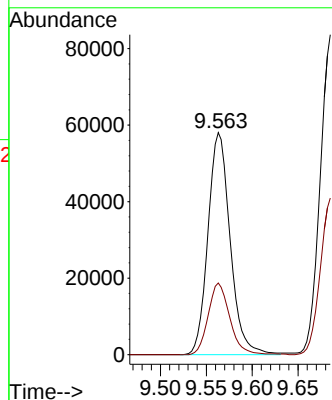
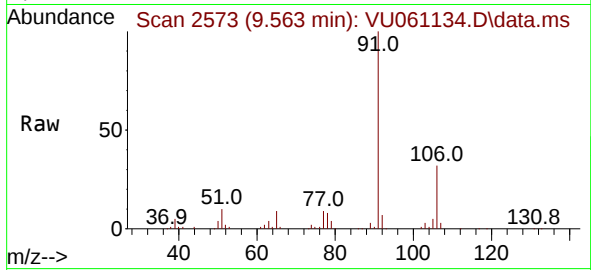
#63
Ethyl Benzene
Concen: 1.966 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 97592
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1

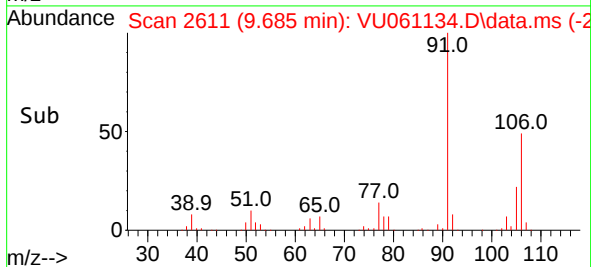
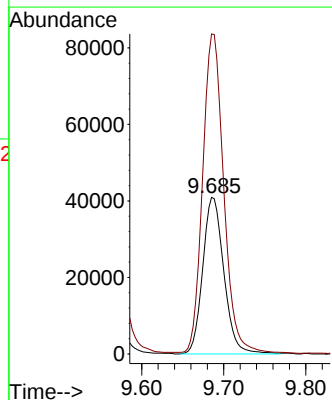
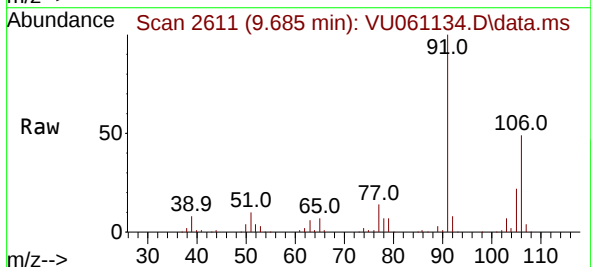
Manual Integrations
APPROVED

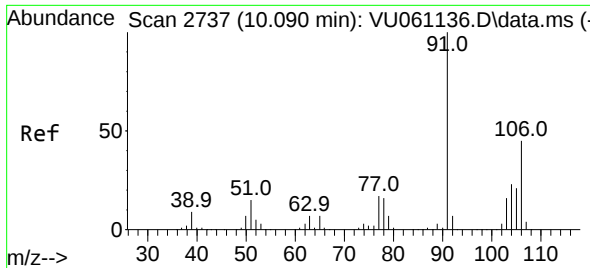
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#64
m/p-Xylenes
Concen: 3.983 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:106 Resp: 73564
Ion Ratio Lower Upper
106 100
91 203.9 164.1 246.1





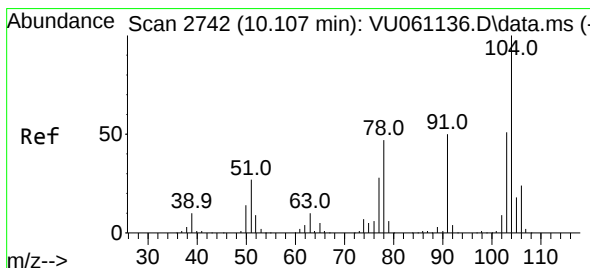
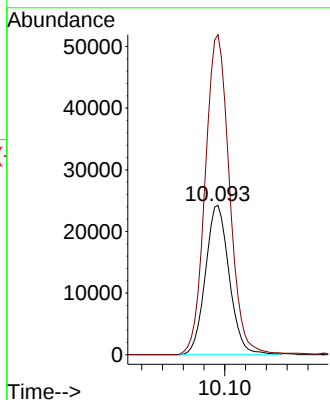
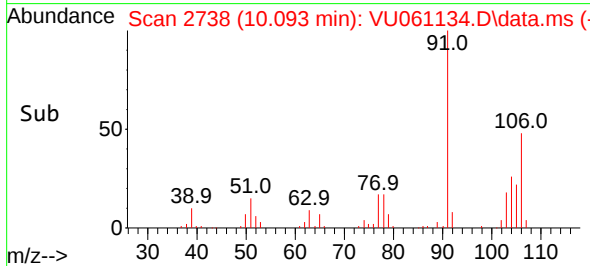
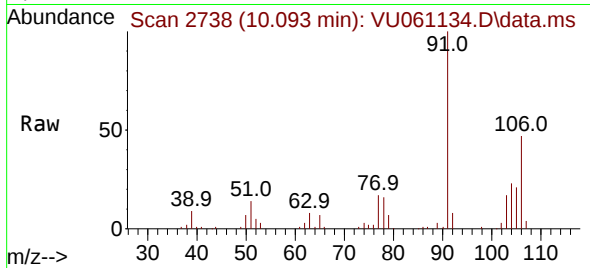
#65
o-Xylene
Concen: 1.973 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:106 Resp: 3854
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.2

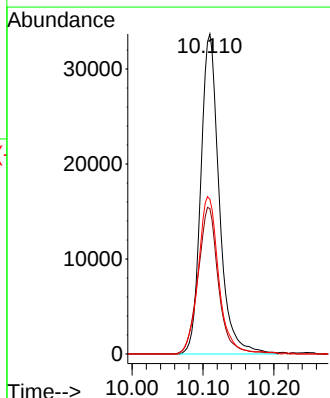
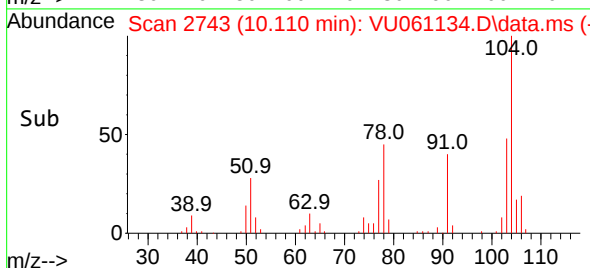
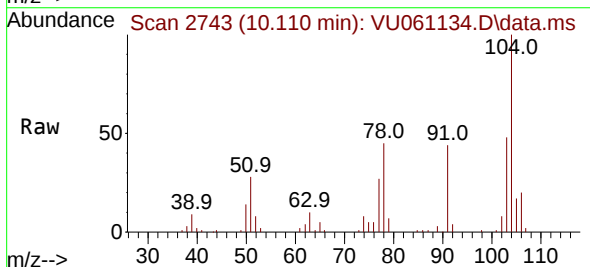
Manual Integrations
APPROVED

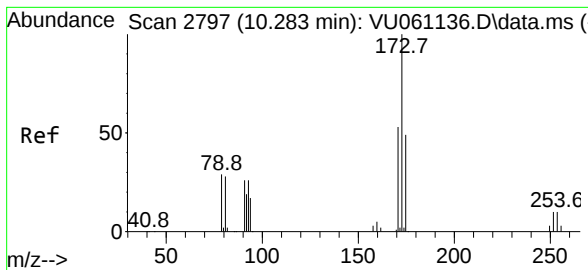
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#66
Styrene
Concen: 1.961 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:104 Resp: 61047
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 54.2 44.4 66.6





#67

Bromoform

Concen: 1.880 ug/l

RT: 10.283 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

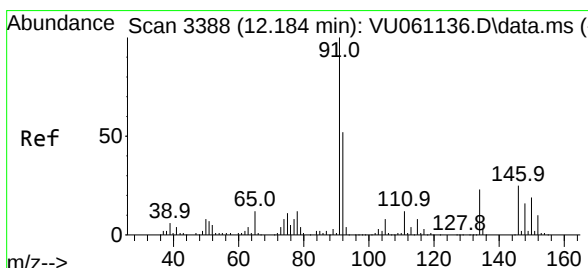
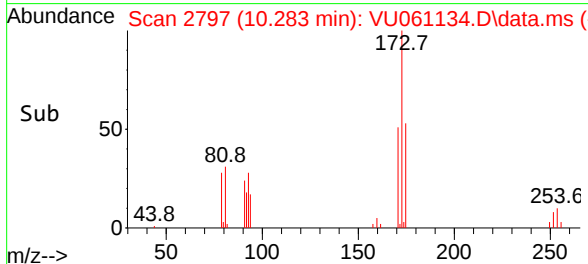
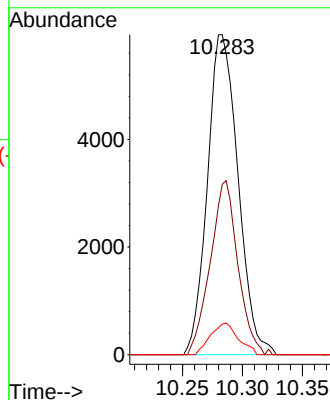
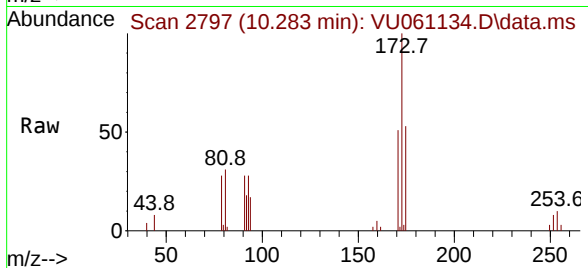
VSTDICC002

Tgt Ion:	173	Resp:	10550
Ion Ratio	Lower	Upper	
173	100		
175	49.0	38.9	58.3
254	9.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.984 ug/l

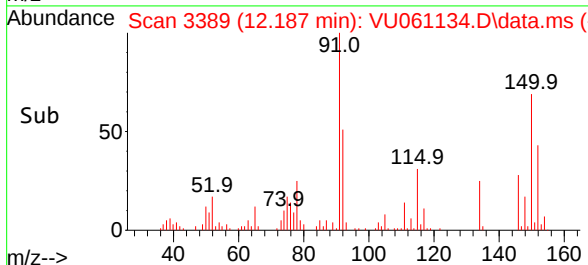
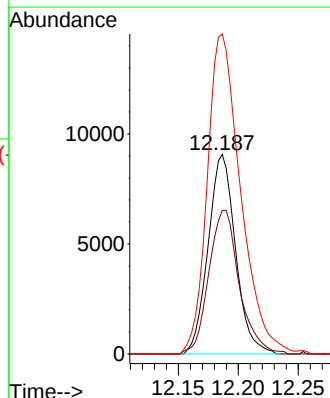
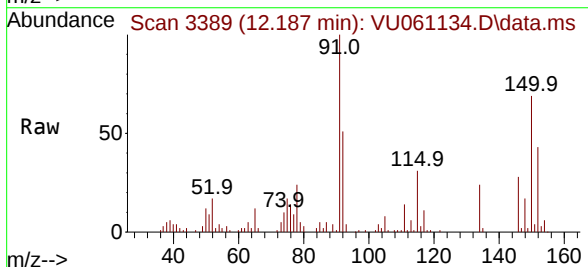
RT: 12.187 min Scan# 3389

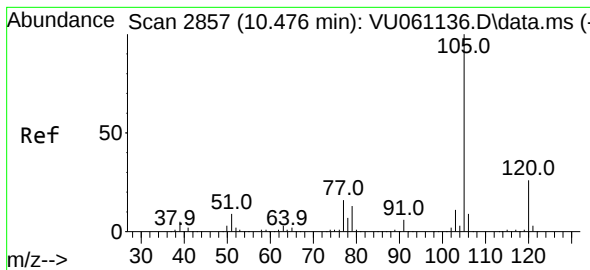
Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Tgt Ion:	152	Resp:	14385
Ion Ratio	Lower	Upper	
152	100		
115	80.1	0.0	258.4
150	195.4	0.0	660.4





#69

Isopropylbenzene

Concen: 1.975 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 104860

Ion Ratio Lower Upper

105 100

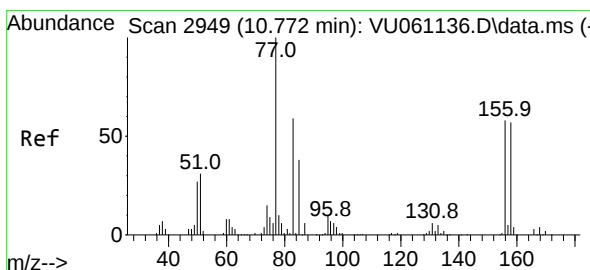
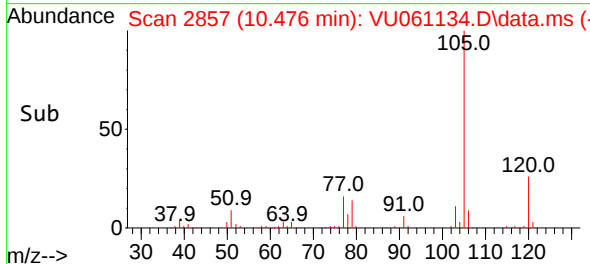
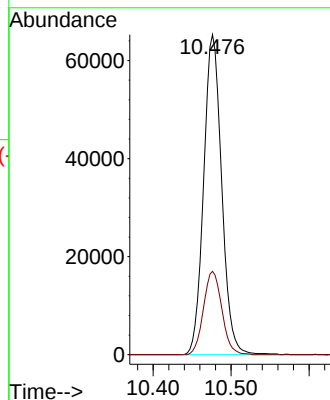
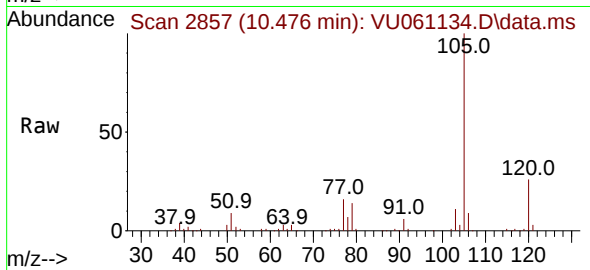
120 26.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 1.971 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

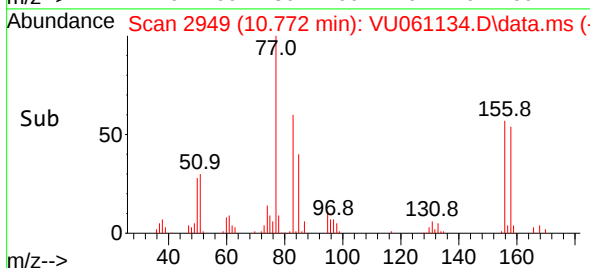
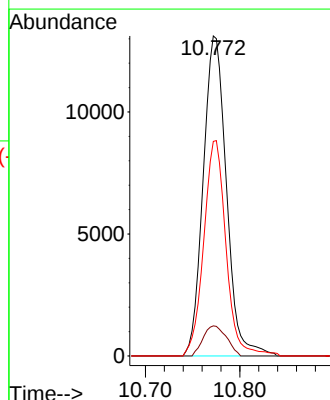
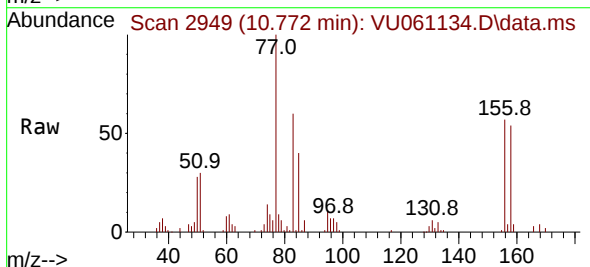
Tgt Ion: 83 Resp: 22404

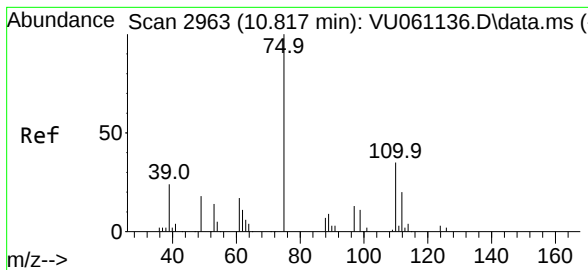
Ion Ratio Lower Upper

83 100

131 9.5 7.5 11.3

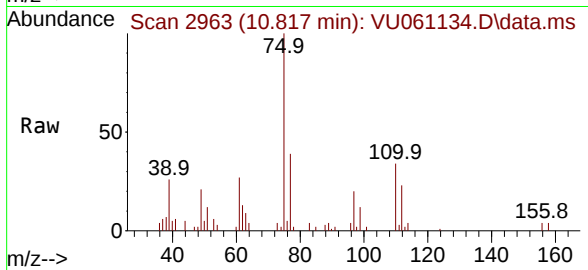
85 64.5 52.3 78.5





#71
1,2,3-Trichloropropane
Concen: 1.801 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

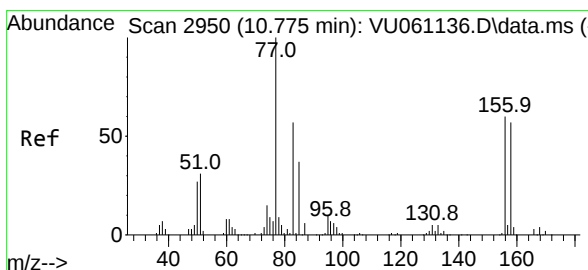
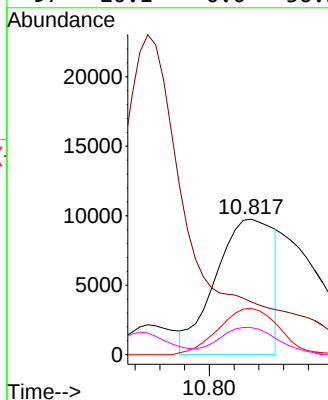
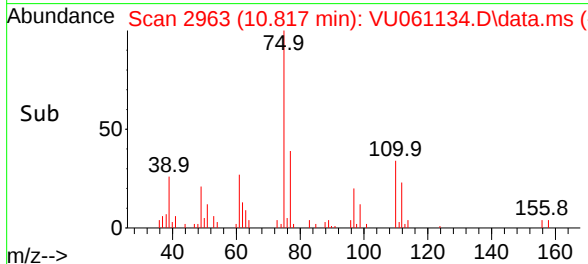
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 75 Resp: 15920
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.7 0.0 66.8
97 20.1 0.0 36.2

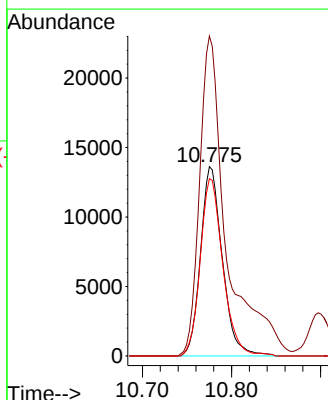
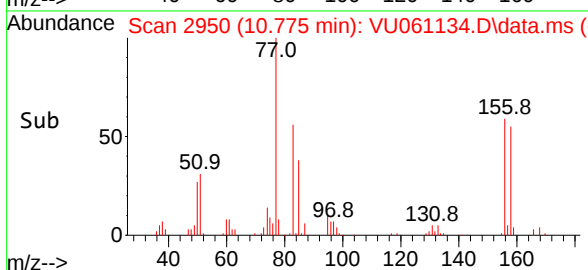
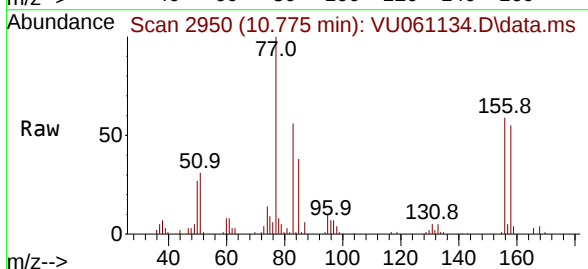
Manual Integrations
APPROVED

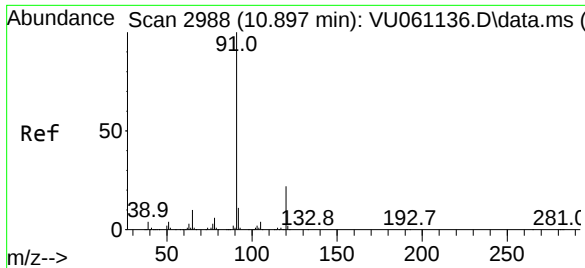
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#72
Bromobenzene
Concen: 1.994 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

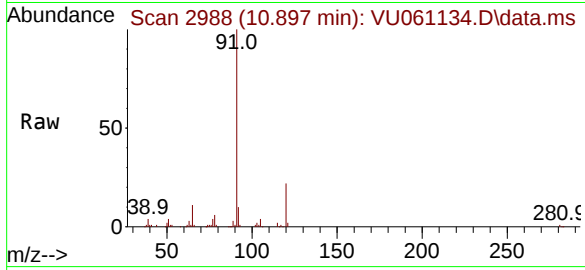
Tgt Ion:156 Resp: 23173
Ion Ratio Lower Upper
156 100
77 208.4 0.0 342.6
158 96.3 0.0 195.2





#73
n-propylbenzene
Concen: 1.967 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

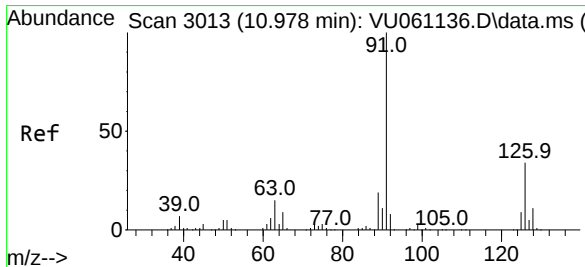
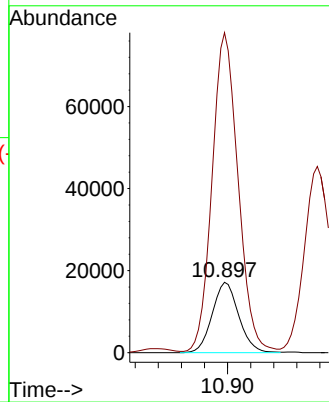
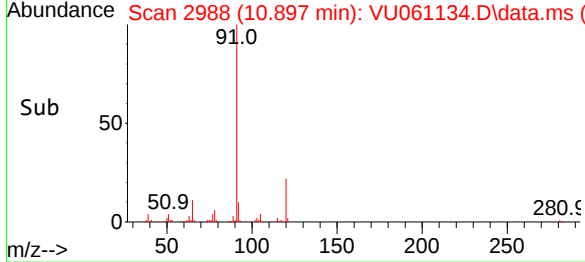
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



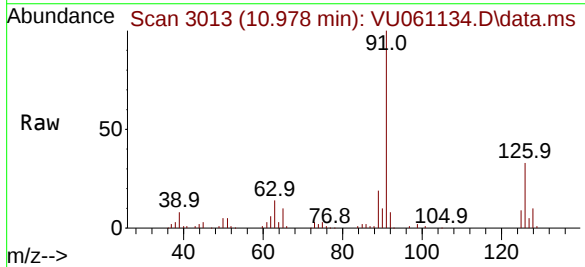
Tgt Ion:120 Resp: 27290
Ion Ratio Lower Upper
120 100
91 442.2 354.6 532.0

Manual Integrations
APPROVED

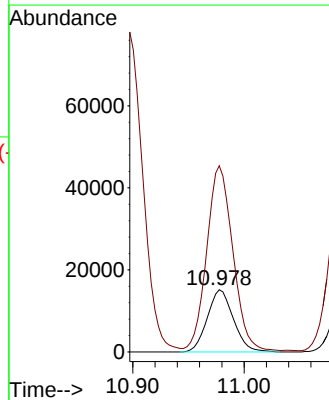
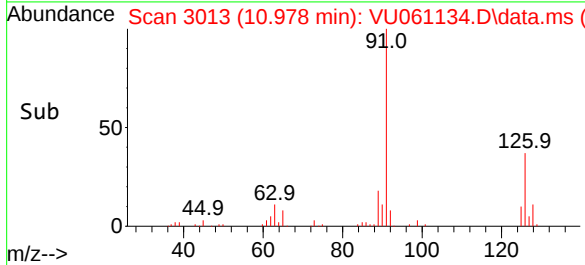
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

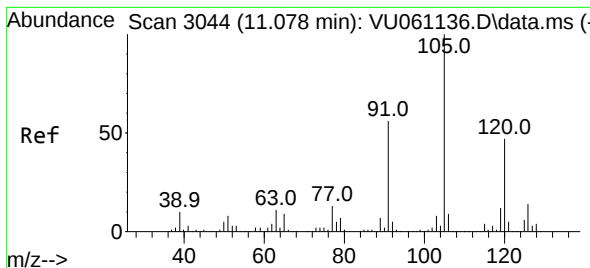


#74
2-Chlorotoluene
Concen: 1.954 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



Tgt Ion:126 Resp: 24625
Ion Ratio Lower Upper
126 100
91 296.3 0.0 596.4





#75

1,3,5-Trimethylbenzene

Concen: 1.960 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 8736

Ion Ratio Lower Upper

105 100

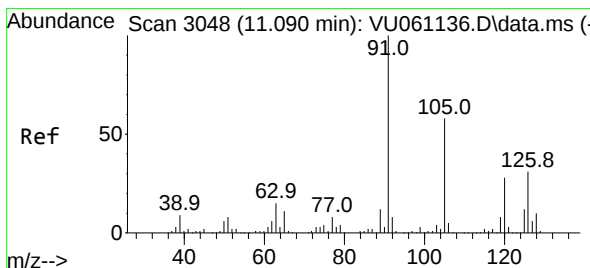
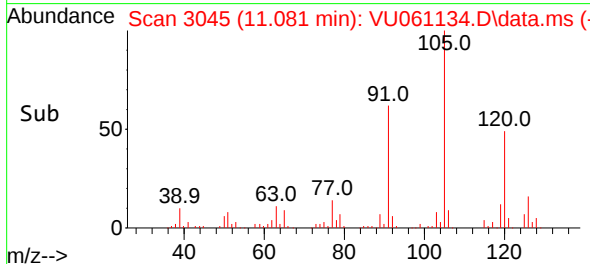
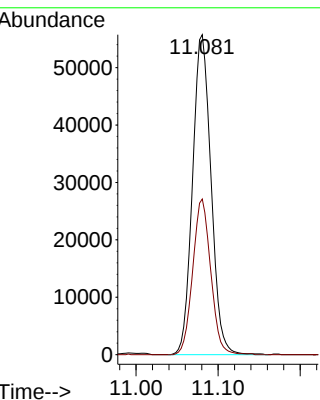
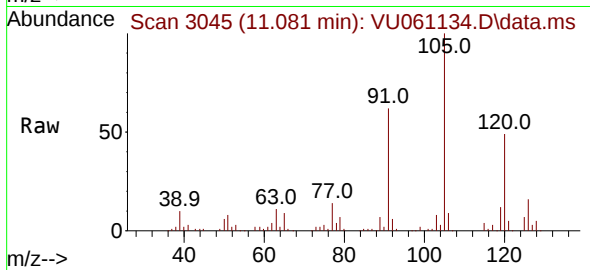
120 47.3 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#76

4-Chlorotoluene

Concen: 2.000 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU061134.D

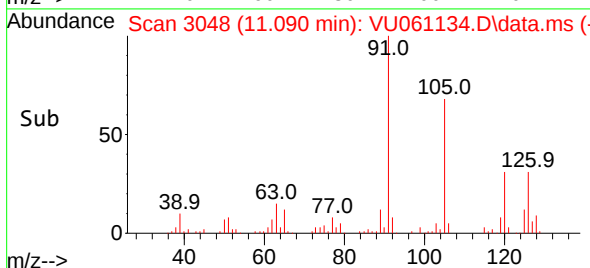
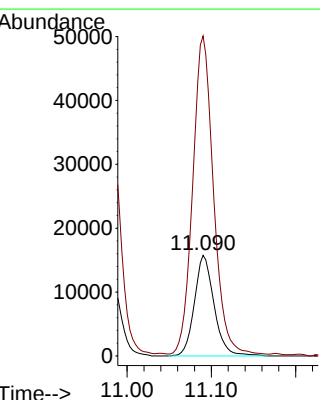
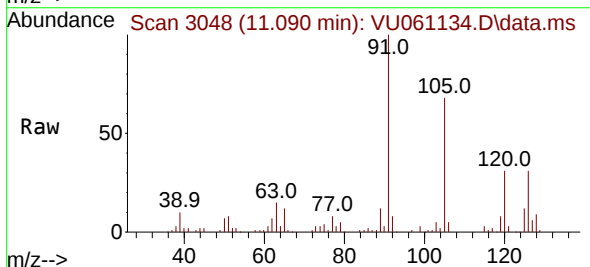
Acq: 16 Oct 2024 10:51

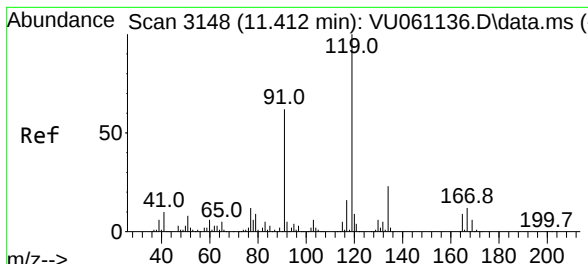
Tgt Ion:126 Resp: 25548

Ion Ratio Lower Upper

126 100

91 332.6 0.0 688.8





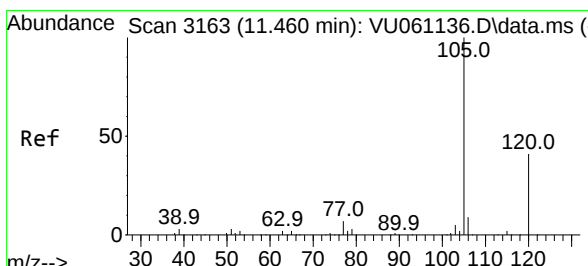
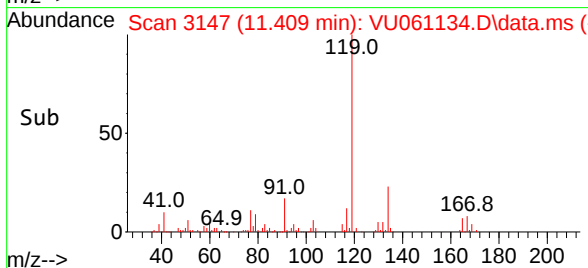
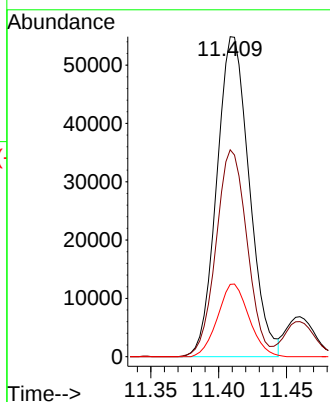
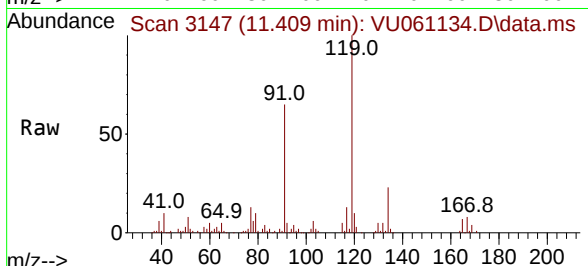
#77
tert-Butylbenzene
Concen: 1.974 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 91590
Ion Ratio Lower Upper
119 100
91 61.5 30.0 90.0
134 21.9 17.6 26.4

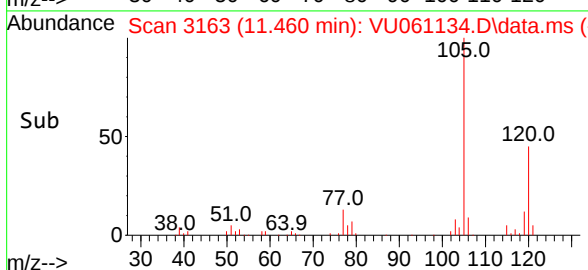
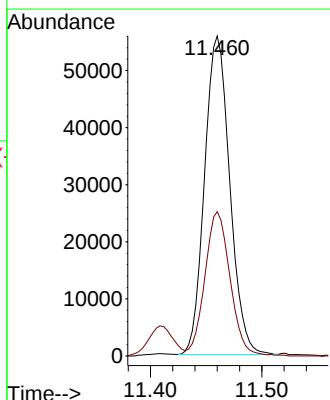
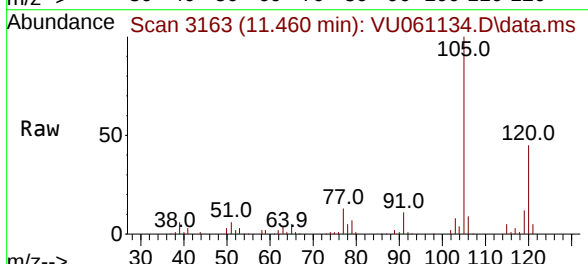
Manual Integrations
APPROVED

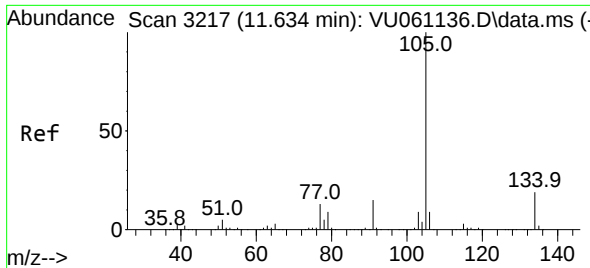
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#78
1,2,4-Trimethylbenzene
Concen: 1.929 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

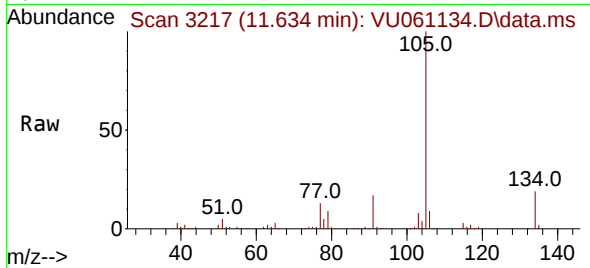
Tgt Ion:105 Resp: 87811
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#79
sec-Butylbenzene
Concen: 1.947 ug/l
RT: 11.634 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

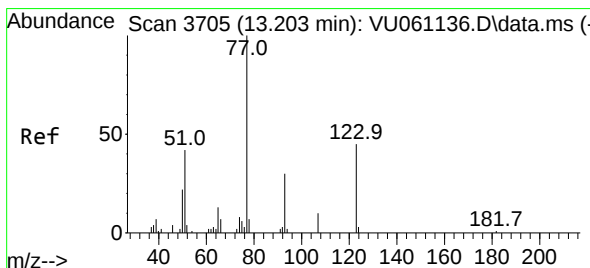
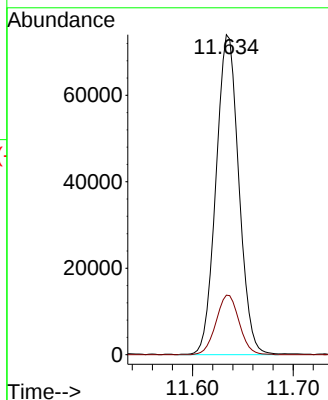
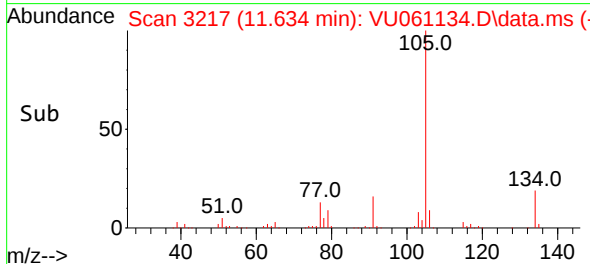
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



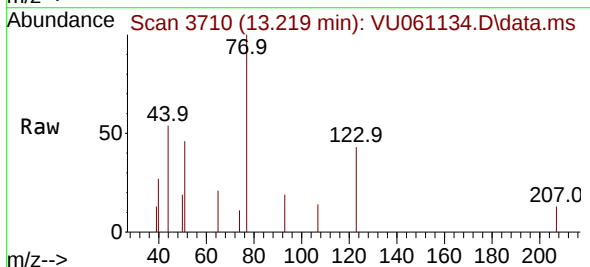
Tgt Ion:105 Resp: 116814
Ion Ratio Lower Upper
105 100
134 18.9 15.5 23.3

Manual Integrations
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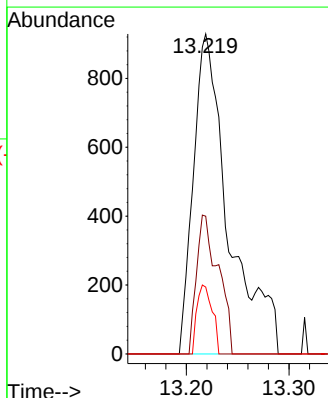
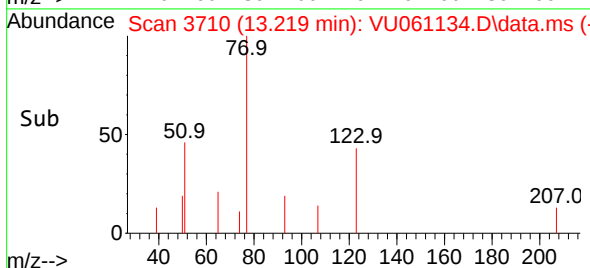
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

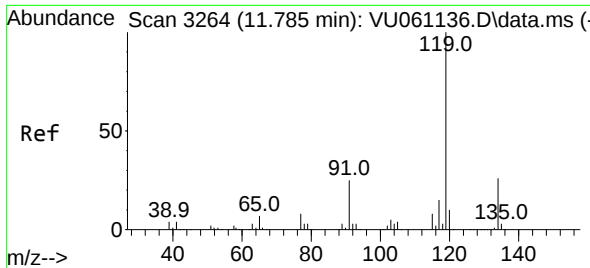


#80
Nitrobenzene
Concen: 10.411 ug/l m
RT: 13.219 min Scan# 3710
Delta R.T. 0.016 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



Tgt Ion: 77 Resp: 2218
Ion Ratio Lower Upper
77 100
123 26.7 17.4 61.6
65 9.3 12.4 15.8#





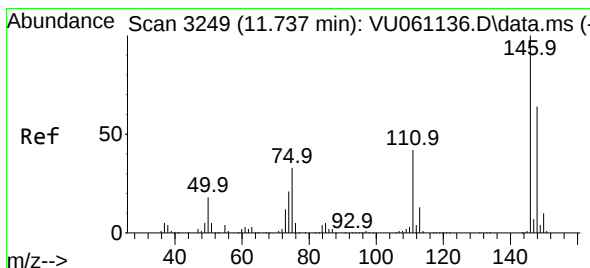
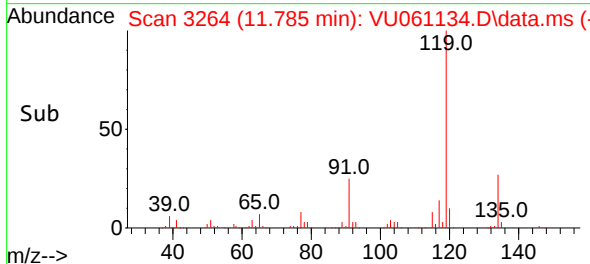
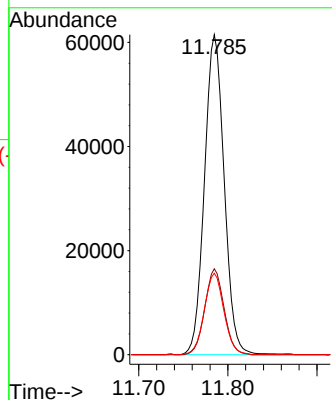
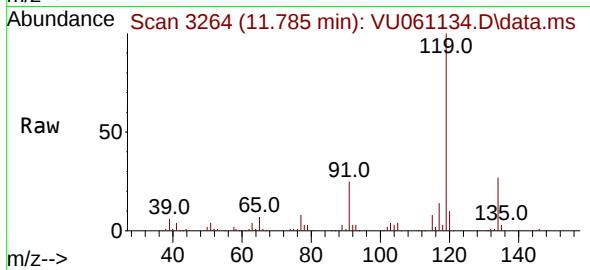
#81
p-Isopropyltoluene
Concen: 1.941 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 94449
Ion Ratio Lower Upper
119 100
134 26.1 20.7 31.1
91 25.3 19.8 29.8

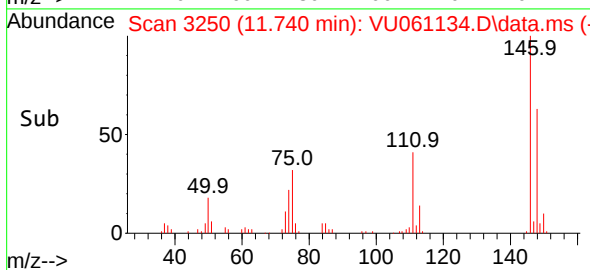
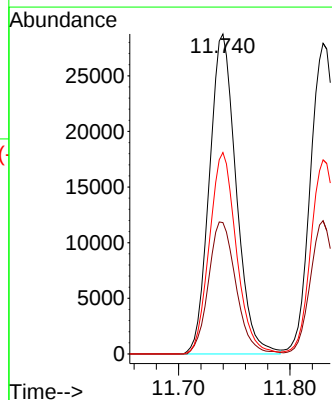
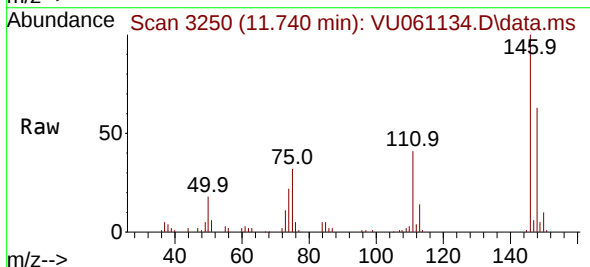
Manual Integrations
APPROVED

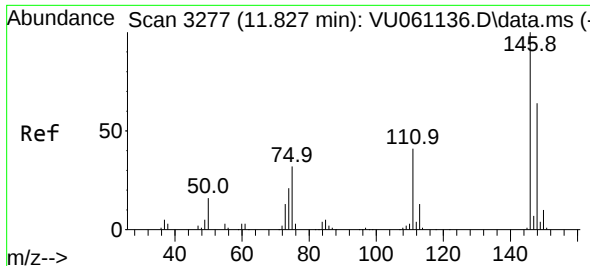
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#82
1,3-Dichlorobenzene
Concen: 1.963 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:146 Resp: 48044
Ion Ratio Lower Upper
146 100
111 42.3 34.0 51.0
148 63.4 50.8 76.2





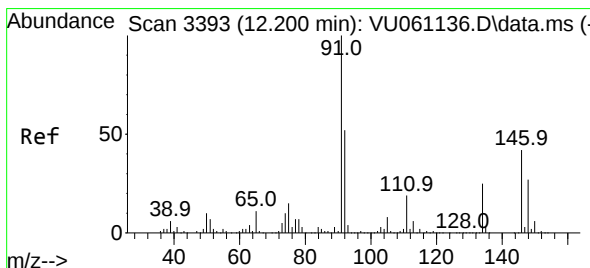
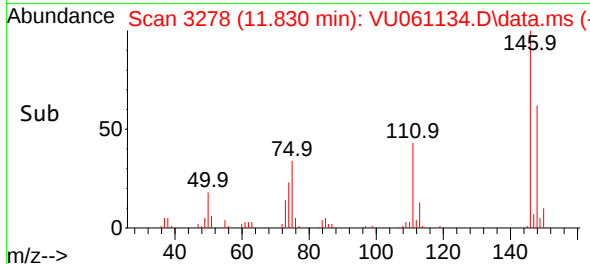
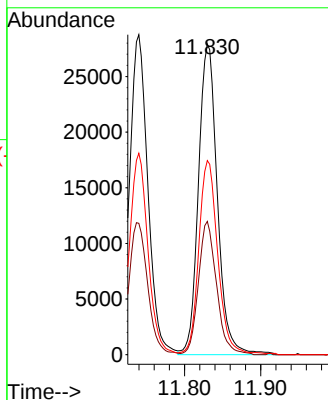
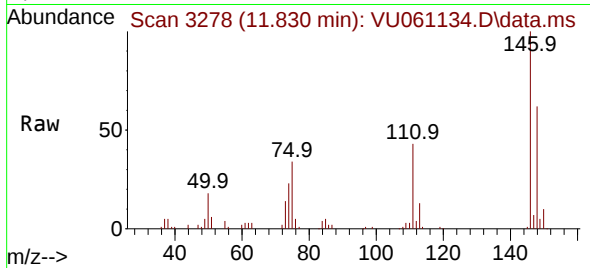
#83
1,4-Dichlorobenzene
Concen: 1.988 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 4834
Ion Ratio Lower Upper
146 100
111 41.1 33.0 49.6
148 61.8 51.2 76.8

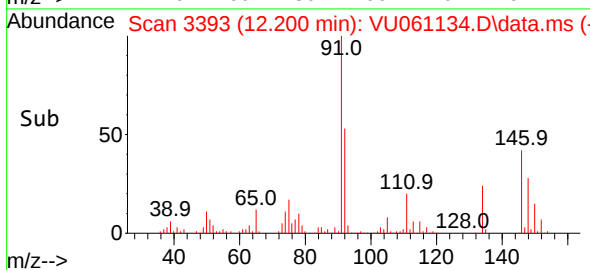
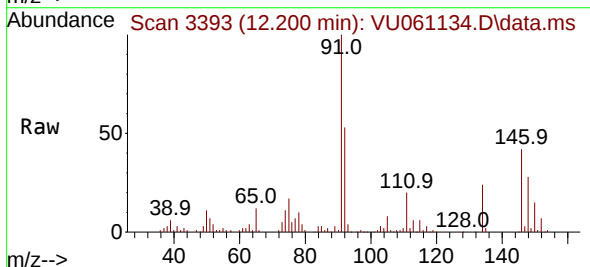
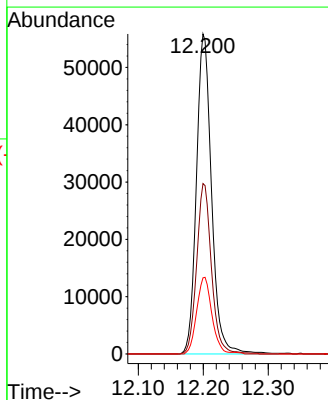
Manual Integrations
APPROVED

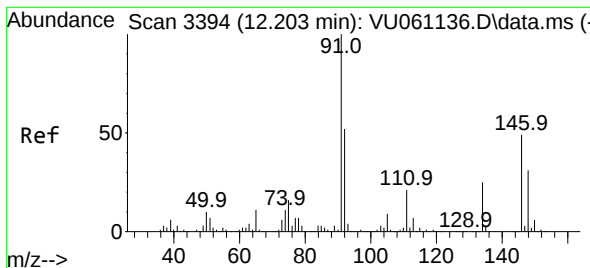
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#84
n-Butylbenzene
Concen: 1.933 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion: 91 Resp: 90535
Ion Ratio Lower Upper
91 100
92 52.1 41.7 62.5
134 24.3 19.8 29.6





#85

1,2-Dichlorobenzene

Concen: 1.947 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

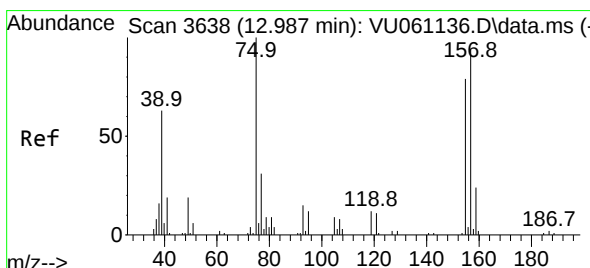
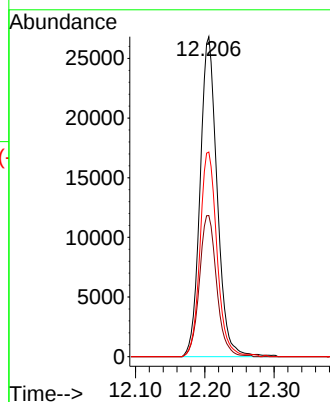
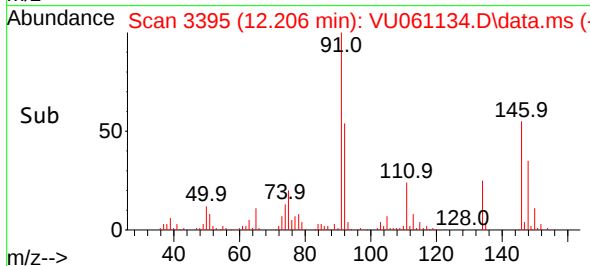
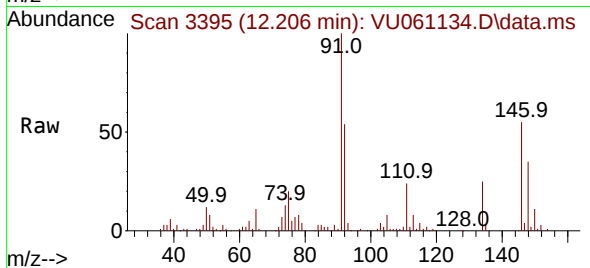
Tgt Ion:146 Resp: 4591

Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.7	65.1
148	63.9	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.893 ug/l

RT: 12.994 min Scan# 3640

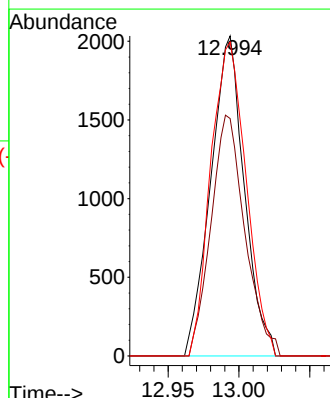
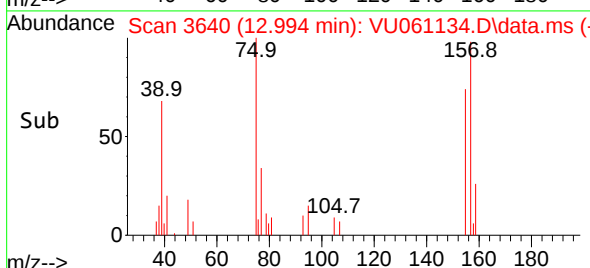
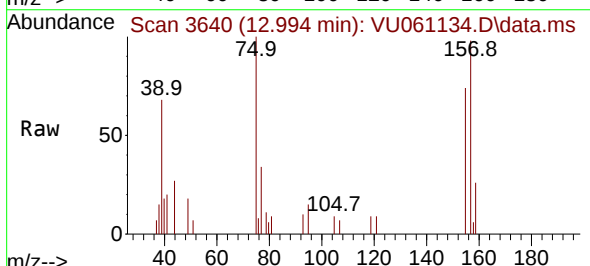
Delta R.T. 0.006 min

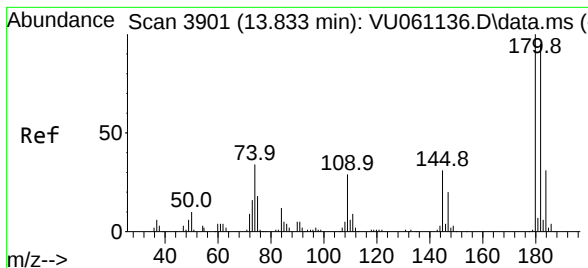
Lab File: VU061134.D

Acq: 16 Oct 2024 10:51

Tgt Ion: 75 Resp: 3351

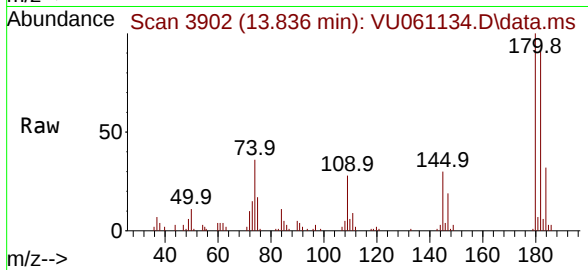
Ion	Ratio	Lower	Upper
75	100		
155	76.2	61.3	91.9
157	103.2	78.9	118.3





#87
1,2,4-Trichlorobenzene
Concen: 1.892 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

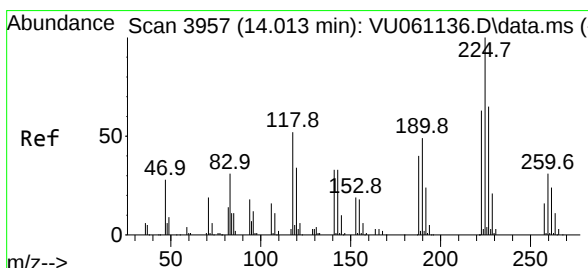
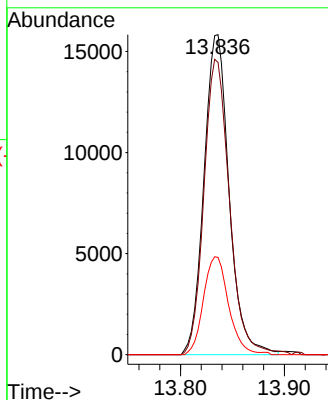
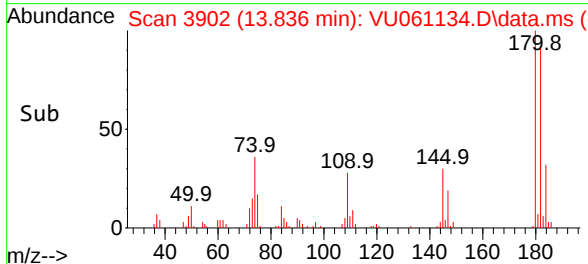
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



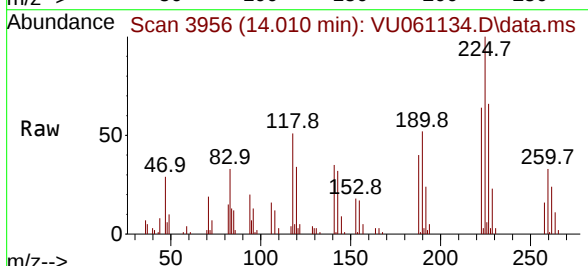
Tgt Ion:180 Resp: 2662
Ion Ratio Lower Upper
180 100
182 93.7 74.8 112.2
145 30.7 24.9 37.3

Manual Integrations
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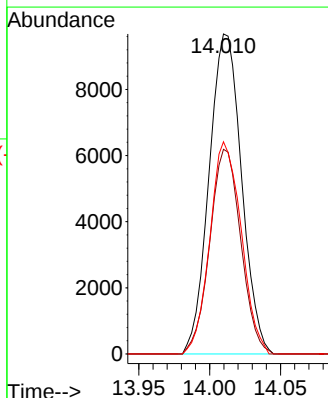
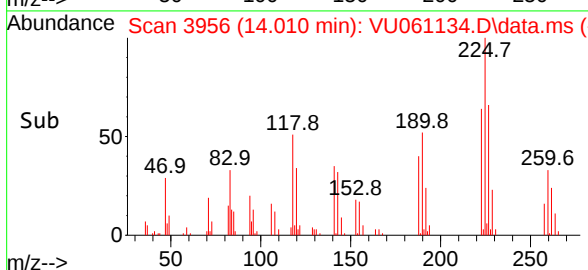
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

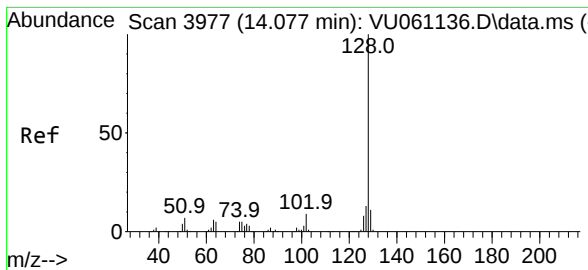


#88
Hexachlorobutadiene
Concen: 1.973 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51



Tgt Ion:225 Resp: 15417
Ion Ratio Lower Upper
225 100
223 61.1 51.4 77.0
227 64.0 51.2 76.8





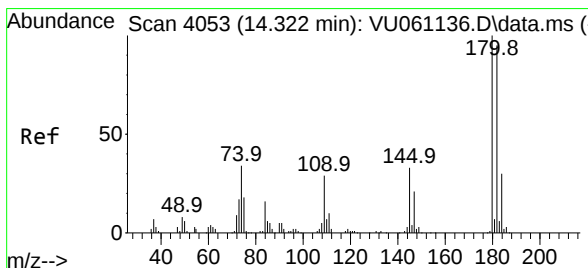
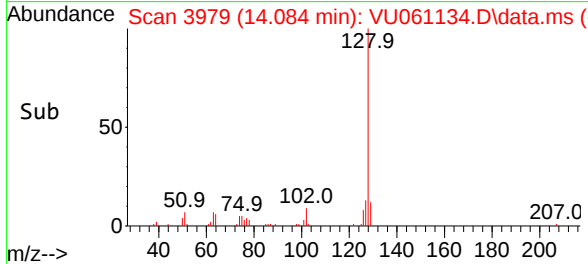
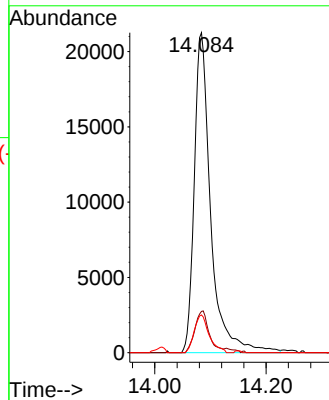
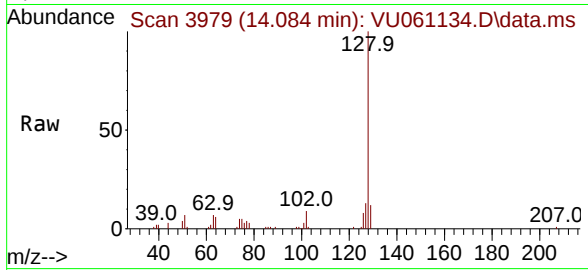
#89
Naphthalene
Concen: 1.839 ug/l
RT: 14.084 min Scan# 3977
Delta R.T. 0.006 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 43456
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#90
1,2,3-Trichlorobenzene
Concen: 1.920 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061134.D
Acq: 16 Oct 2024 10:51

Tgt Ion:180 Resp: 22867
Ion Ratio Lower Upper
180 100
182 92.8 76.6 114.8
145 32.5 27.3 40.9

