

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061140.D
 Acq On : 17 Oct 2024 11:24
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

Quant Time: Oct 18 02:33:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	28264	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14166	0.943	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13646	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7308	0.469	ug/l	99
3) Chloromethane	1.518	50	7296	0.493	ug/l	99
4) Vinyl Chloride	1.602	62	7163	0.471	ug/l	95
5) Bromomethane	1.856	94	4958	0.519	ug/l	93
6) Chloroethane	1.930	64	5264	0.516	ug/l	96
7) Trichlorofluoromethane	2.132	101	9478	0.438	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5027	0.467	ug/l	99
9) 1,1-Dichloroethene	2.576	96	5154	0.460	ug/l	95
11) Allyl Chloride	2.917	41	6989	0.484	ug/l	99
12) Acrylonitrile	3.348	53	2076m	0.920	ug/l	
13) Acetone	2.640	43	6825	2.320	ug/l	90
14) Carbon Disulfide	2.788	76	18721	0.485	ug/l	98
15) Methylene Chloride	3.039	84	8610	0.593	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	6262	0.476	ug/l	94
17) 1,1-Dichloroethane	3.865	63	10552	0.453	ug/l	97
18) 2-Butanone	4.740	43	8661m	2.474	ug/l	
19) Cyclohexane	5.380	56	9696m	0.464	ug/l	
20) Methylcyclohexane	6.756	83	10139	0.435	ug/l	91
21) 2,2-Dichloropropane	4.656	77	10922	0.508	ug/l	94
22) cis-1,2-Dichloroethene	4.666	96	6557	0.458	ug/l	96
23) Diethyl Ether	2.373	59	4302	0.494	ug/l	96
25) Methyl tert-Butyl Ether	3.357	73	14567	0.485	ug/l	97
26) Bromochloromethane	4.971	128	2872	0.479	ug/l	93
27) Chloroform	5.084	83	11519	0.471	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	9795	0.454	ug/l	99
29) 1,1-Dichloropropene	5.524	75	8635	0.453	ug/l	99
30) Carbon Tetrachloride	5.515	117	8764	0.469	ug/l	98
31) Isopropyl Ether	3.988	45	15512	0.466	ug/l	99
32) Ethyl-t-butyl ether	4.492	59	16357	0.478	ug/l	93
33) Tert-Amyl methyl ether	5.933	73	13785	0.448	ug/l	97
34) Propionitrile	4.824	54	1739m	2.008	ug/l	
35) Benzene	5.772	78	24719	0.461	ug/l	97
36) 1,2-Dichloroethane	5.791	62	6873	0.454	ug/l	98
37) Trichloroethene	6.541	130	6643	0.464	ug/l	99
38) 1,2-Dichloropropane	6.788	63	6350	0.467	ug/l	93
39) Methacrylonitrile	5.013	41	1278m	0.413	ug/l	
40) Methyl acrylate	4.910	55	2675m	0.430	ug/l	
41) Tetrahydrofuran	5.078	42	1829	0.995	ug/l	# 67
42) 1-Chlorobutane	5.457	56	10924	0.447	ug/l	92
43) Dibromomethane	6.914	93	3215	0.456	ug/l	93
44) Bromodichloromethane	7.100	83	7896	0.461	ug/l	96
45) 4-Methyl-2-Pentanone	7.788	43	16715	2.363	ug/l	98
46) t-1,4-Dichloro-2-butene	10.836	75	2161m	0.738	ug/l	

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	5892	0.962	ug/l	88
48) Ethyl methacrylate	8.335	69	5610	0.430	ug/l	89
49) Toluene	7.965	92	15412	0.455	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	7839	0.475	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	9120	0.450	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	4340	0.457	ug/l	95
53) 1,3-Dichloropropane	8.569	76	7722	0.463	ug/l	99
54) 2-Hexanone	8.692	43	13710	2.360	ug/l	94
55) Dibromochloromethane	8.804	129	4975	0.443	ug/l	98
56) 1,2-Dibromoethane	8.923	107	3953	0.434	ug/l	90
58) Tetrachloroethene	8.547	164	5498	0.453	ug/l	94
59) Chlorobenzene	9.444	112	17219	0.472	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	5449	0.442	ug/l	91
61) Pentachloroethane	11.421	117	3899	0.414	ug/l	98
62) Hexachloroethane	12.466	117	4012	0.413	ug/l	99
63) Ethyl Benzene	9.566	91	30250	0.462	ug/l	99
64) m/p-Xylenes	9.688	106	22661	0.910	ug/l	97
65) o-Xylene	10.097	106	11159	0.455	ug/l	94
66) Styrene	10.113	104	15962	0.419	ug/l	97
67) Bromoform	10.286	173	2523	0.429	ug/l #	97
69) Isopropylbenzene	10.479	105	26955	0.462	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	5423	0.470	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	4926m	0.520	ug/l	
72) Bromobenzene	10.782	156	6561	0.468	ug/l	85
73) n-propylbenzene	10.900	120	7558	0.444	ug/l	96
74) 2-Chlorotoluene	10.981	126	6665	0.453	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	23227	0.442	ug/l	100
76) 4-Chlorotoluene	11.093	126	6847	0.458	ug/l	93
77) tert-Butylbenzene	11.412	119	23019	0.443	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	24029	0.453	ug/l	97
79) sec-Butylbenzene	11.634	105	29744	0.439	ug/l	98
81) p-Isopropyltoluene	11.785	119	24474	0.437	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	12130	0.451	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	11913	0.444	ug/l	97
84) n-Butylbenzene	12.203	91	22595	0.435	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	11466	0.456	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	656	0.383	ug/l	82
87) 1,2,4-Trichlorobenzene	13.842	180	5849	0.407	ug/l	96
88) Hexachlorobutadiene	14.013	225	3507	0.431	ug/l	96
89) Naphthalene	14.093	128	11394	0.449	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.325	180	5393	0.417	ug/l	95

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

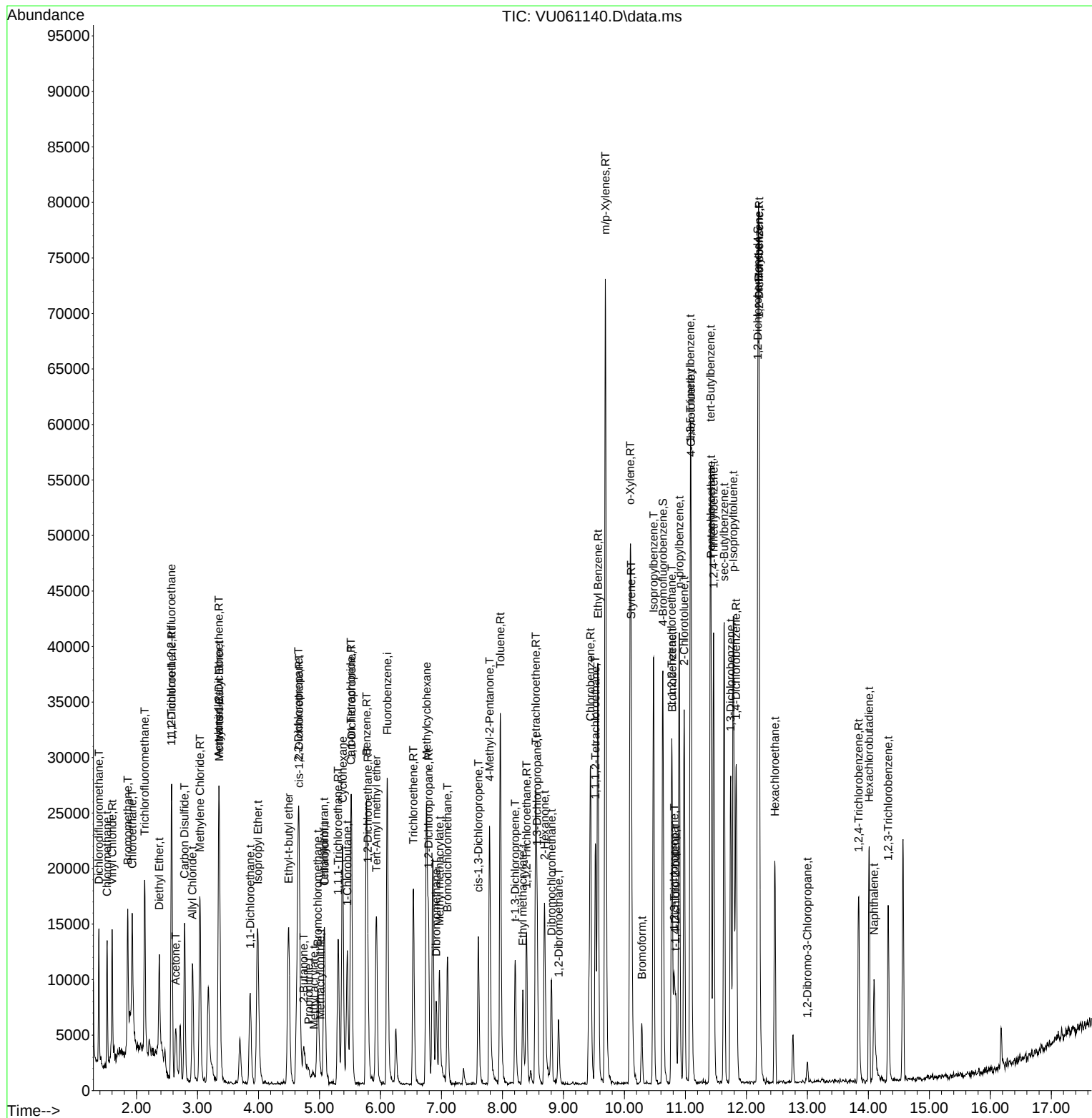
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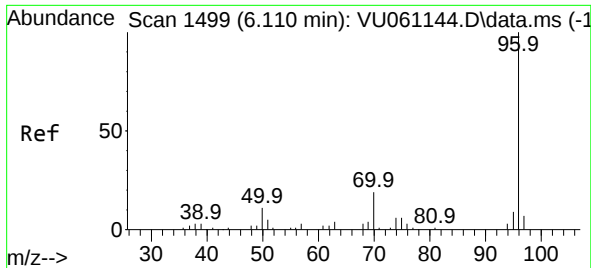
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Manual Integrations
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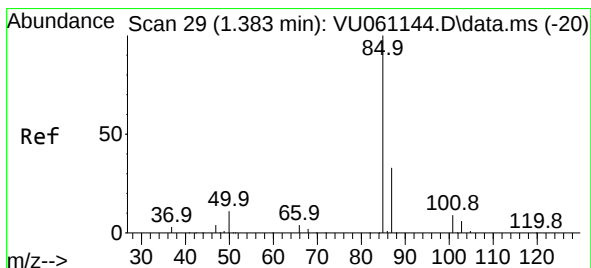
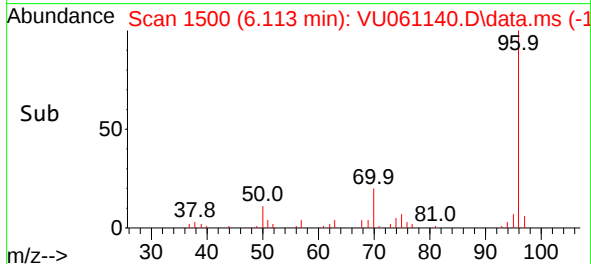
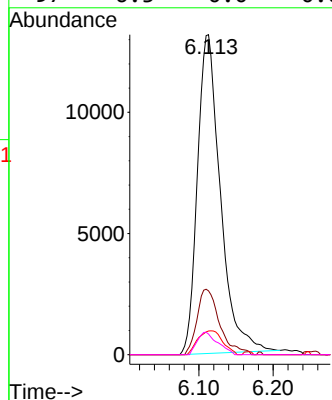
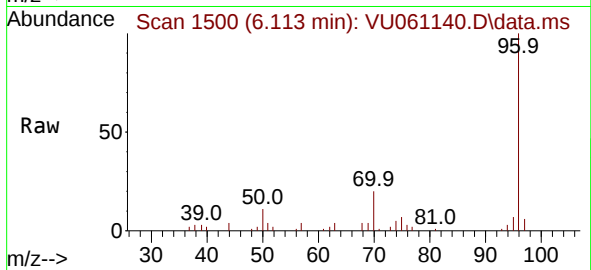
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 28264
Ion Ratio Lower Upper
96 100
70 20.2 16.1 24.1
95 8.1 0.0 0.0
97 6.3 0.0 0.0

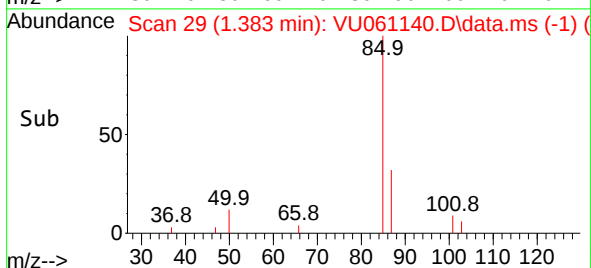
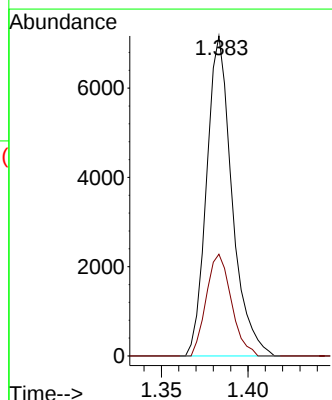
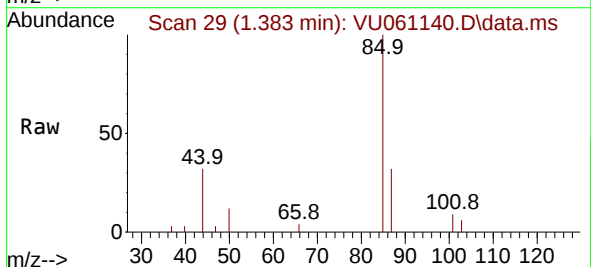
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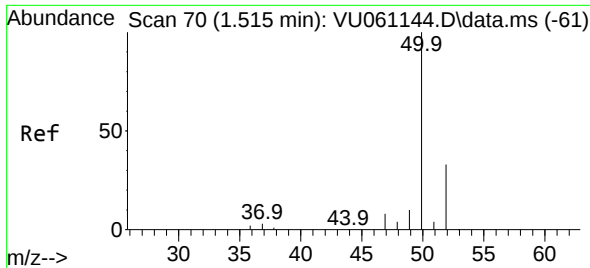
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#2
Dichlorodifluoromethane
Concen: 0.469 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 85 Resp: 7308
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9





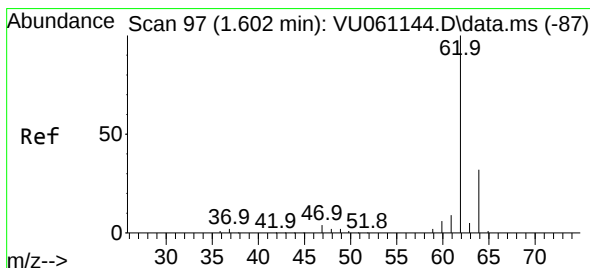
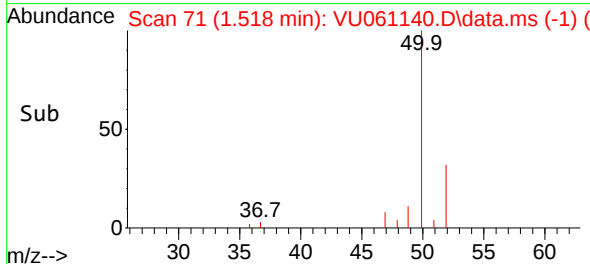
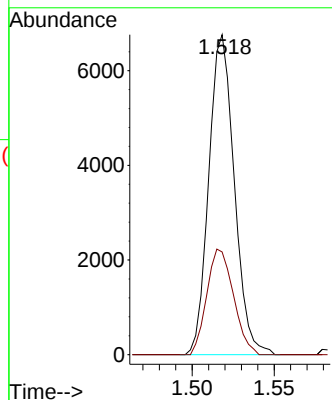
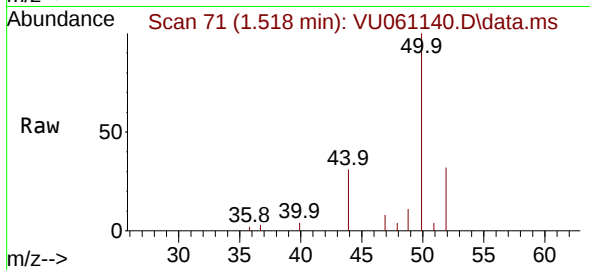
#3
Chloromethane
Concen: 0.493 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 7290
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2

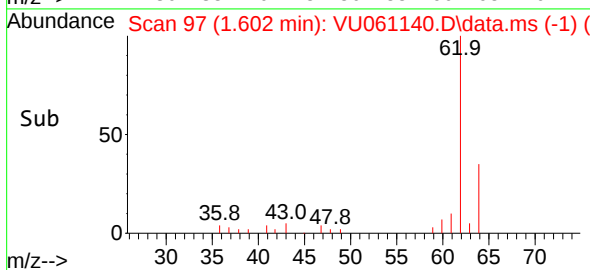
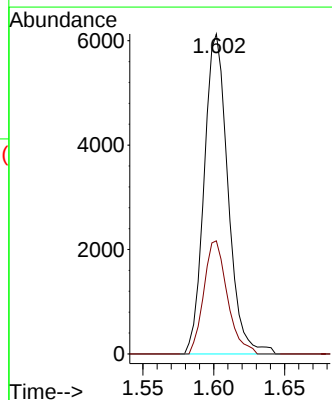
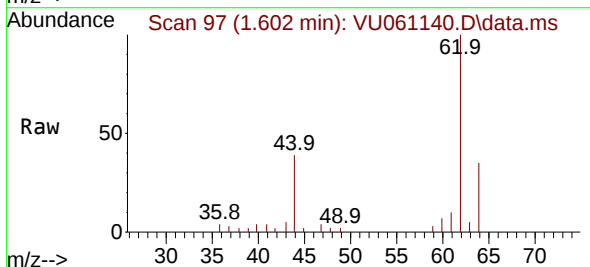
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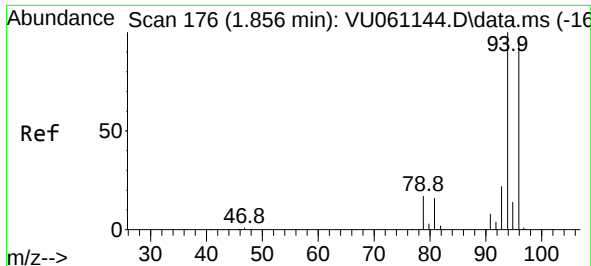
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#4
Vinyl Chloride
Concen: 0.471 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

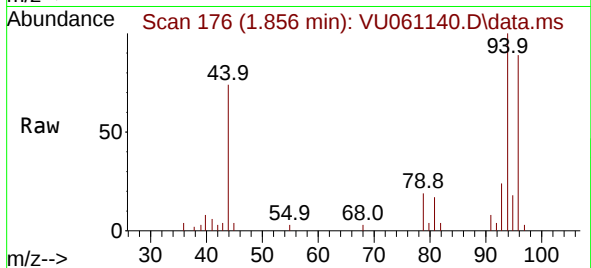
Tgt Ion: 62 Resp: 7163
Ion Ratio Lower Upper
62 100
64 35.3 25.9 38.9





#5
Bromomethane
Concen: 0.519 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

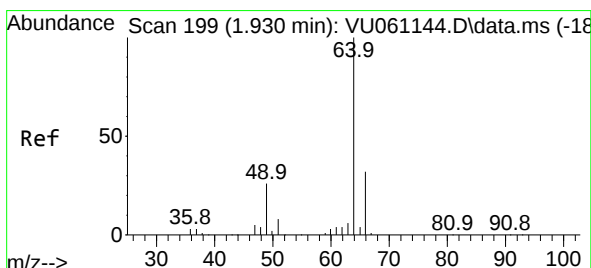
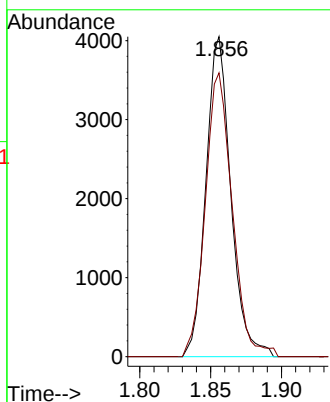
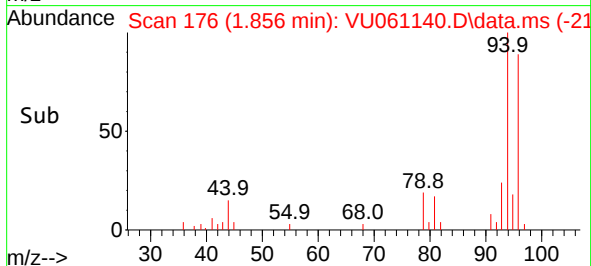
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 94 Resp: 4958
Ion Ratio Lower Upper
94 100
96 88.7 76.5 114.7

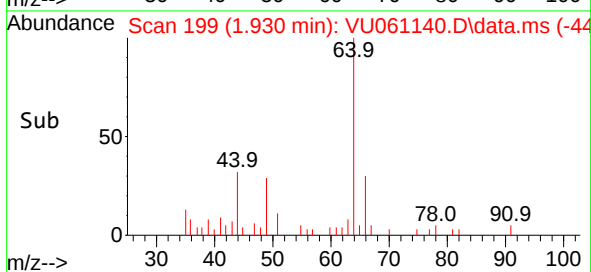
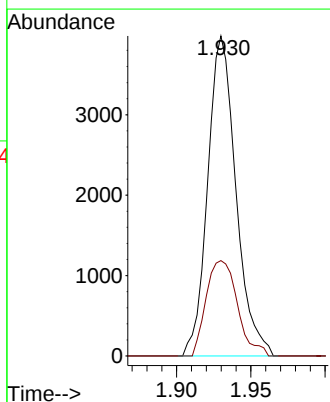
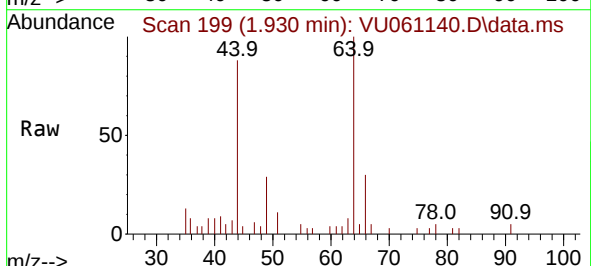
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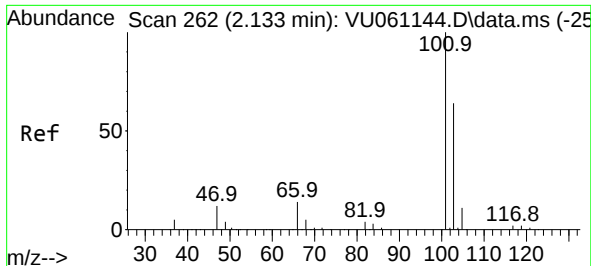
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#6
Chloroethane
Concen: 0.516 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

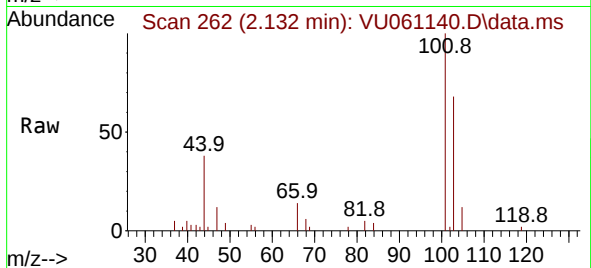
Tgt Ion: 64 Resp: 5264
Ion Ratio Lower Upper
64 100
66 29.8 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.438 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

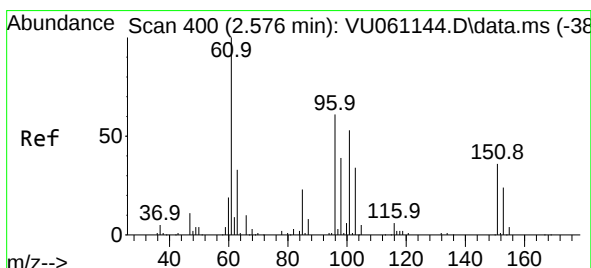
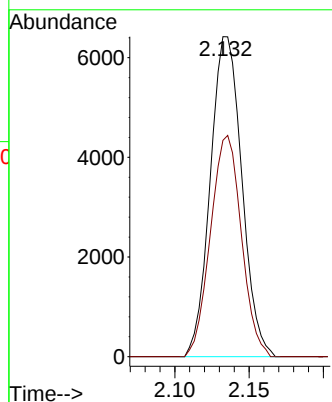
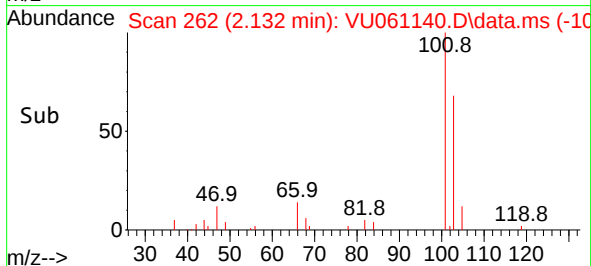
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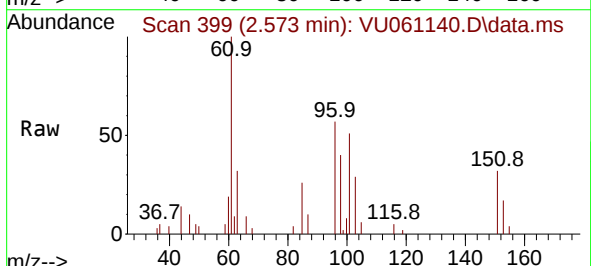
Tgt Ion:101 Resp: 9478
Ion Ratio Lower Upper
101 100
103 67.6 51.5 77.3

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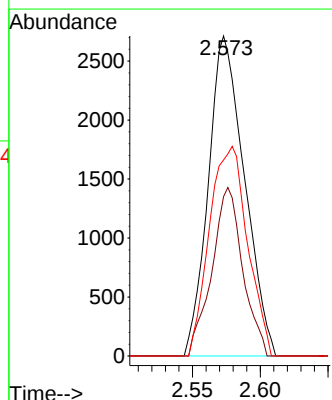
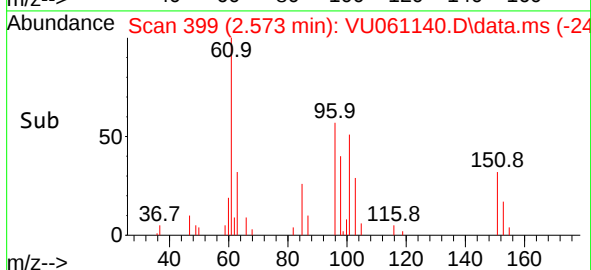
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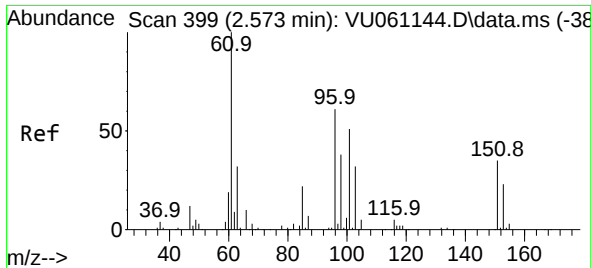


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.467 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24



Tgt Ion:101 Resp: 5027
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.8
151 69.1 56.2 84.4





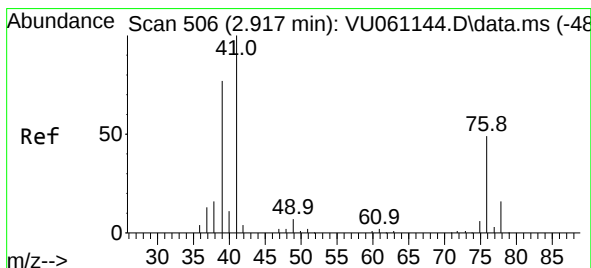
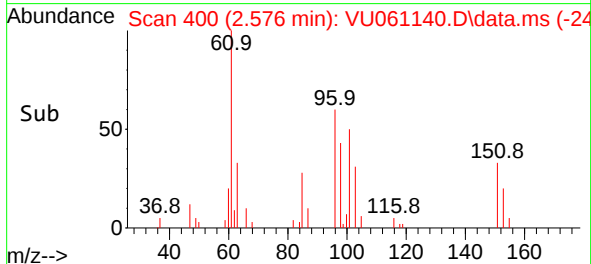
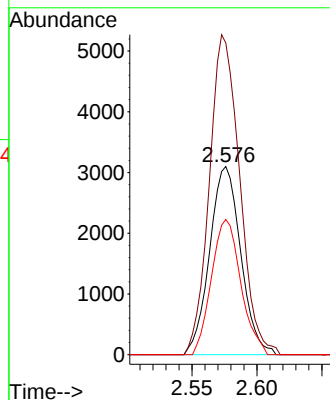
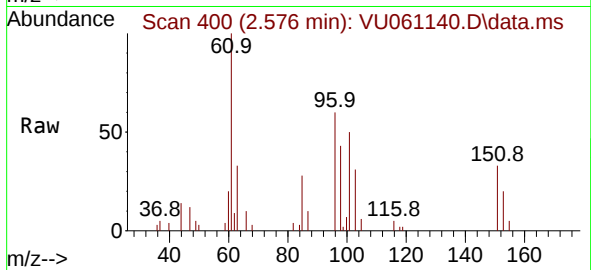
#9
1,1-Dichloroethene
Concen: 0.460 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 5154
Ion Ratio Lower Upper
96 100
61 165.7 0.0 494.4
98 75.5 0.0 124.4

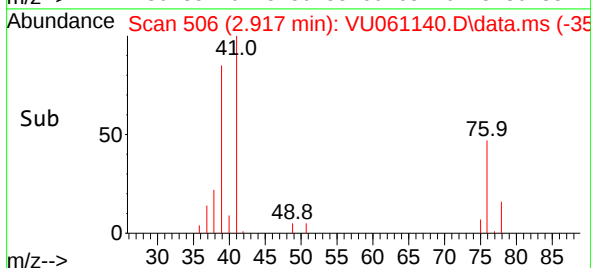
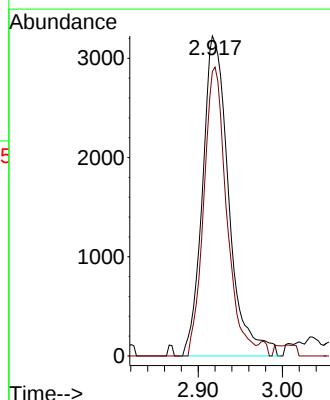
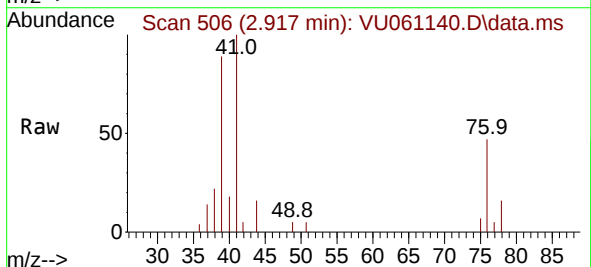
Manual Integrations
APPROVED

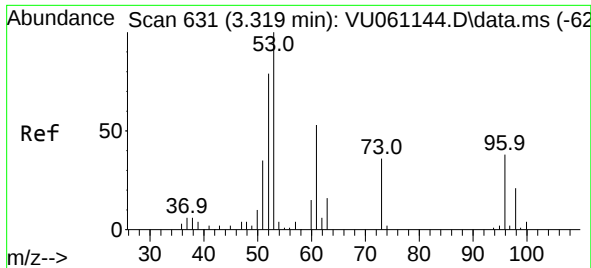
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#11
Allyl Chloride
Concen: 0.484 ug/l
RT: 2.917 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

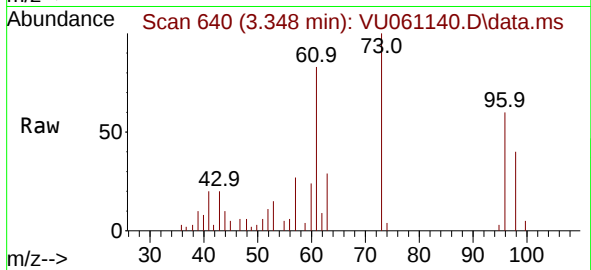
Tgt Ion: 41 Resp: 6989
Ion Ratio Lower Upper
41 100
39 78.5 62.4 93.6





#12
Acrylonitrile
Concen: 0.920 ug/l m
RT: 3.348 min Scan# 640
Delta R.T. 0.029 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

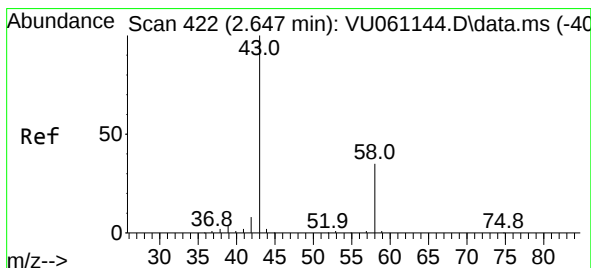
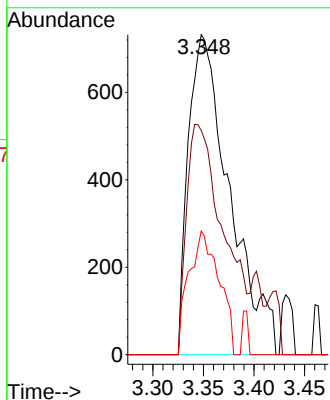
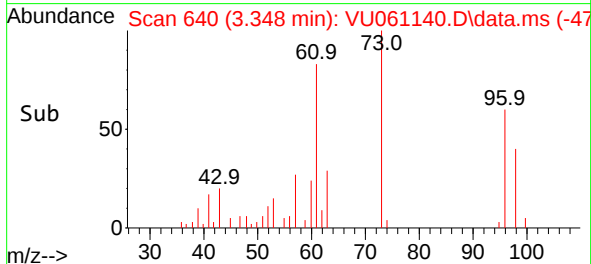
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 53 Resp: 2070
Ion Ratio Lower Upper
53 100
52 64.5 62.6 94.0
51 28.4 30.7 46.1

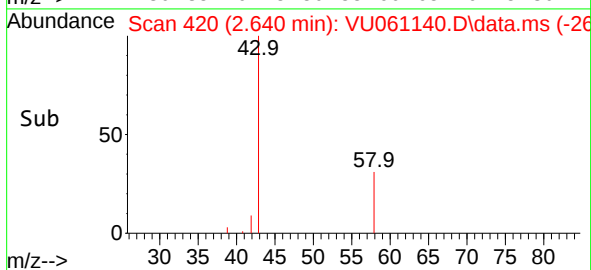
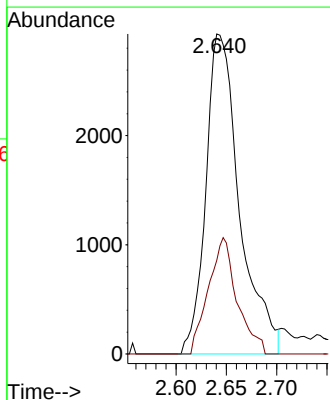
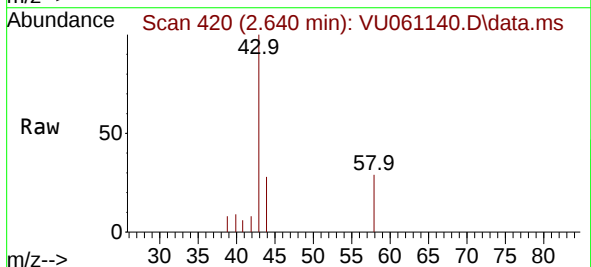
Manual Integrations
APPROVED

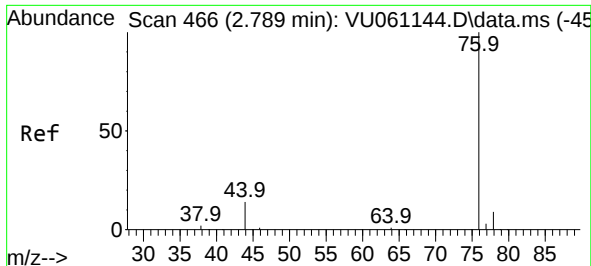
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#13
Acetone
Concen: 2.320 ug/l
RT: 2.640 min Scan# 420
Delta R.T. -0.007 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 43 Resp: 6825
Ion Ratio Lower Upper
43 100
58 29.2 27.9 41.9





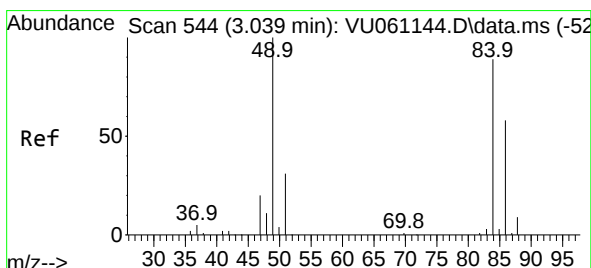
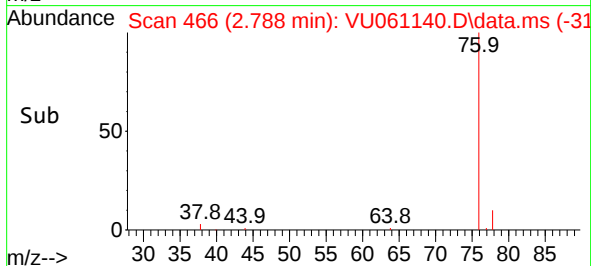
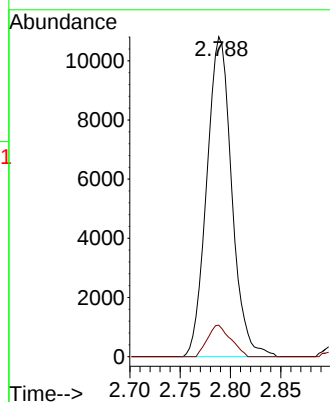
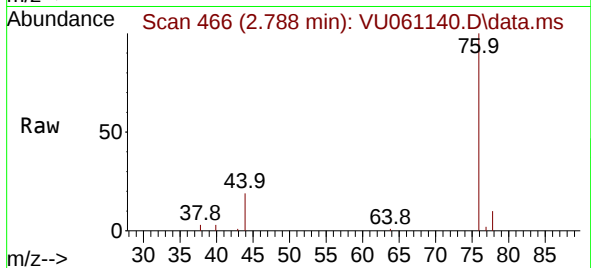
#14
Carbon Disulfide
Concen: 0.485 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 1872
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

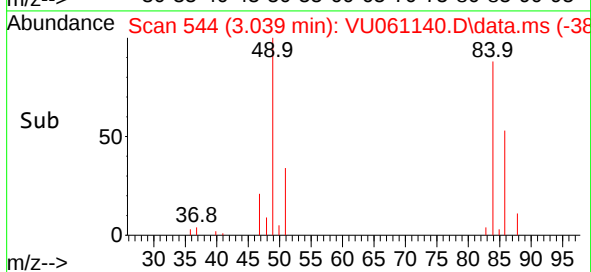
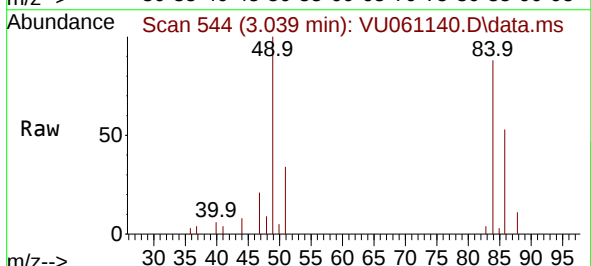
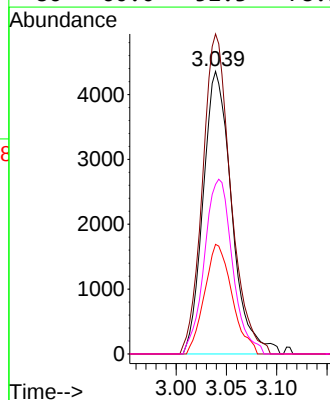
Manual Integrations
APPROVED

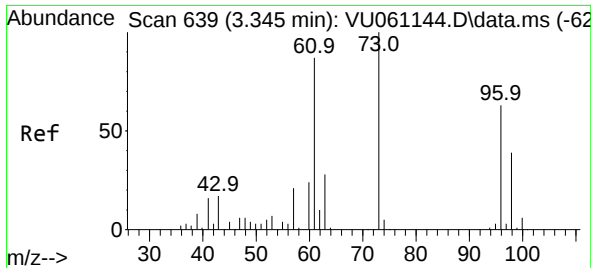
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#15
Methylene Chloride
Concen: 0.593 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

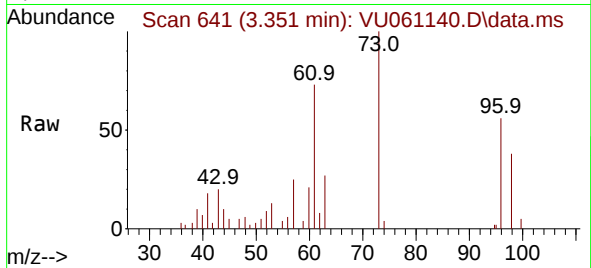
Tgt Ion: 84 Resp: 8610
Ion Ratio Lower Upper
84 100
49 113.2 90.4 135.6
51 38.8 0.0 70.6
86 60.0 52.3 78.5





#16
trans-1,2-Dichloroethene
Concen: 0.476 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

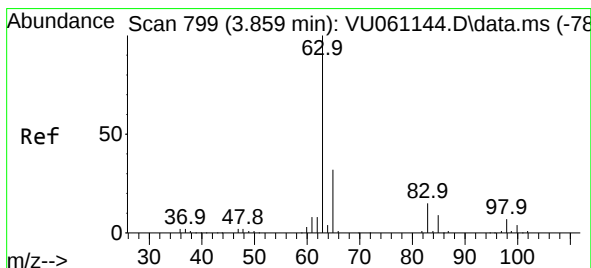
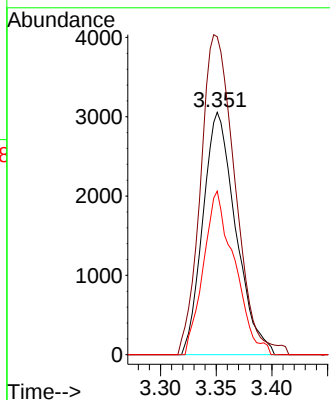
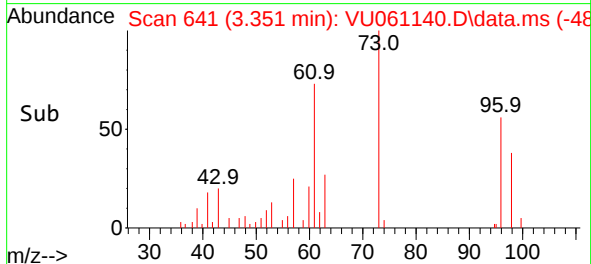
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



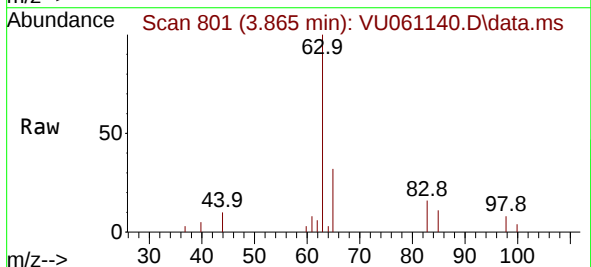
Tgt Ion: 96 Resp: 6262
Ion Ratio Lower Upper
96 100
61 131.1 110.6 166.0
98 67.5 49.8 74.8

Manual Integrations
APPROVED

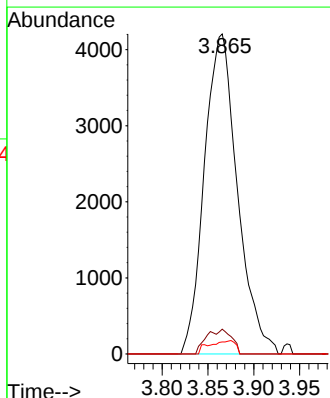
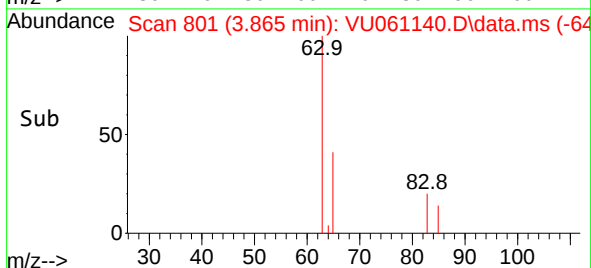
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

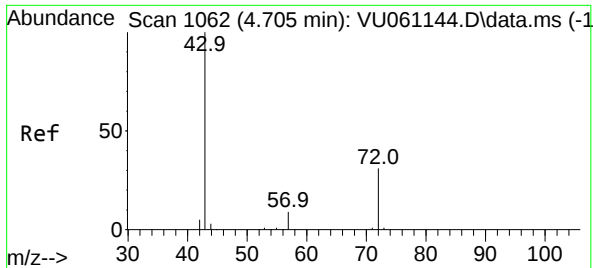


#17
1,1-Dichloroethane
Concen: 0.453 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24



Tgt Ion: 63 Resp: 10552
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.8
100 3.8 2.1 6.5





#18

2-Butanone

Concen: 2.474 ug/l m

RT: 4.740 min Scan# 1062

Delta R.T. 0.035 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 866

Ion Ratio Lower Upper

43 100

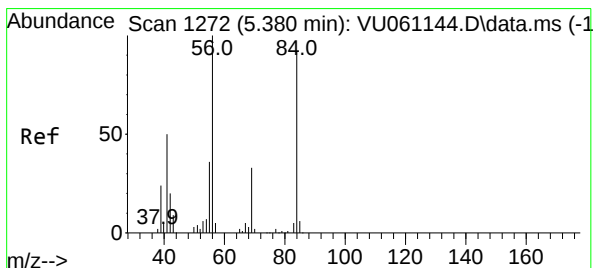
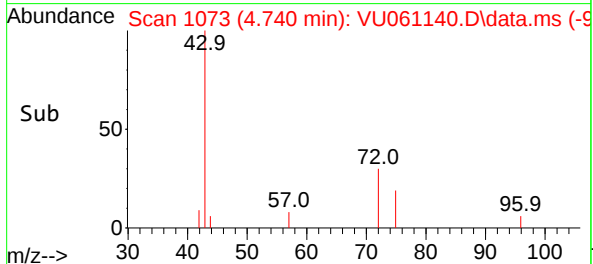
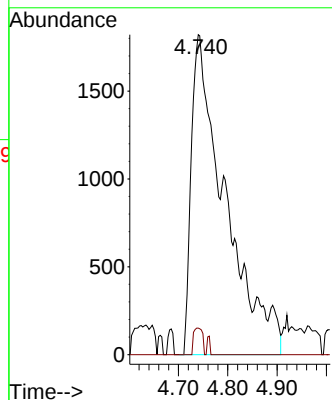
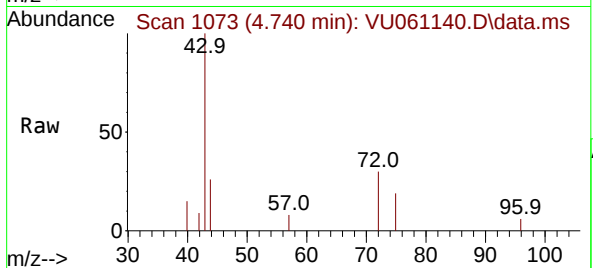
57 8.3 0.0 19.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#19

Cyclohexane

Concen: 0.464 ug/l m

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

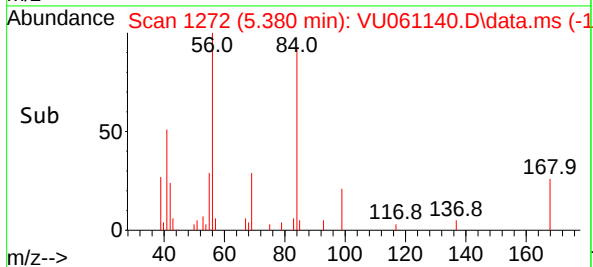
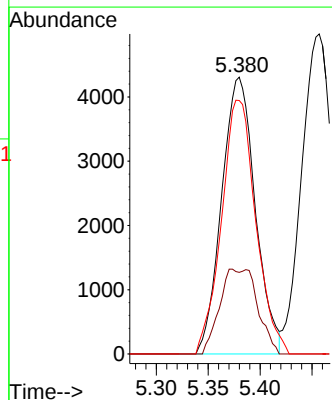
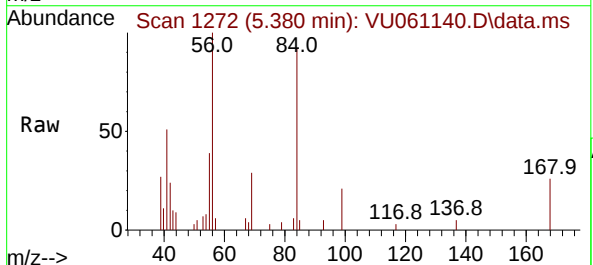
Tgt Ion: 56 Resp: 9696

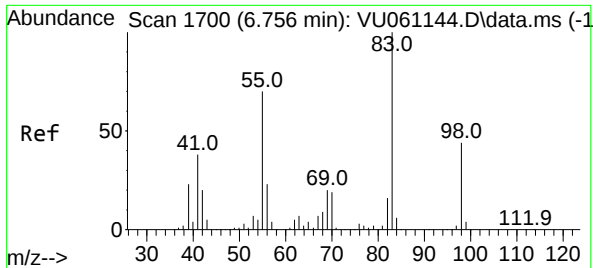
Ion Ratio Lower Upper

56 100

69 18.5 26.2 39.4

84 93.6 72.7 109.1





#20

Methylcyclohexane

Concen: 0.435 ug/l

RT: 6.756 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

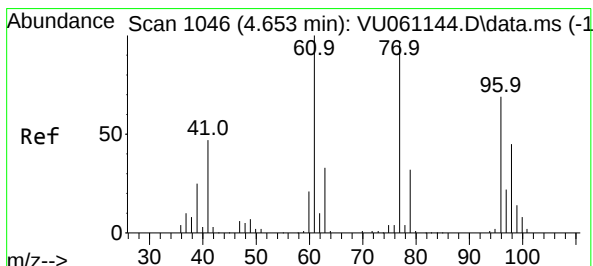
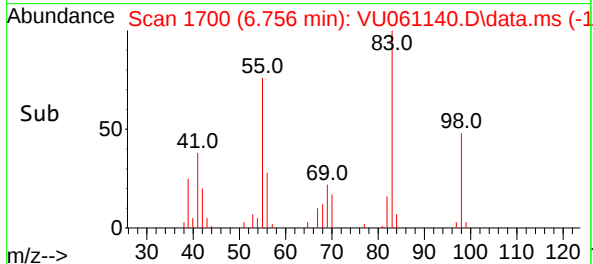
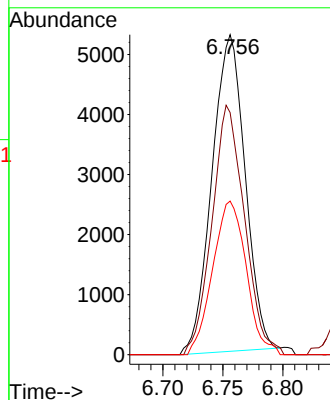
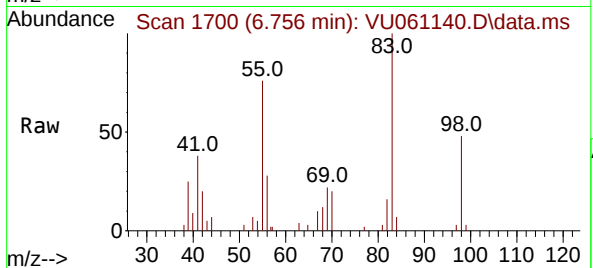
Tgt Ion: 83	Resp: 10139
Ion Ratio	Lower Upper
83	100
55	77.3 55.5 83.3
98	49.2 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#21

2,2-Dichloropropane

Concen: 0.508 ug/l

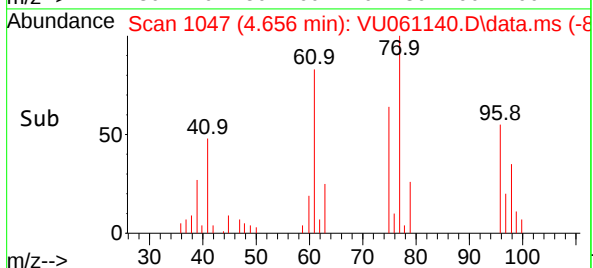
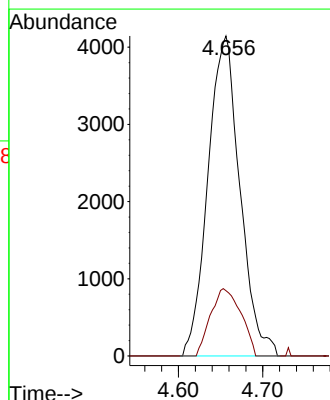
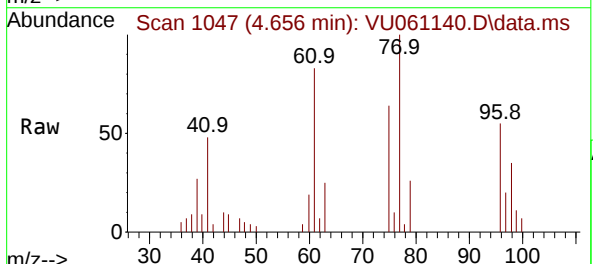
RT: 4.656 min Scan# 1047

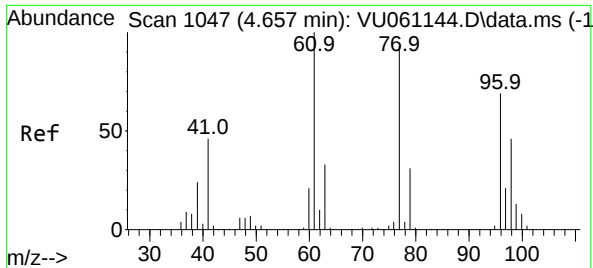
Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion: 77	Resp: 10922
Ion Ratio	Lower Upper
77	100
97	20.0 18.3 27.5





#22
 cis-1,2-Dichloroethene
 Concen: 0.458 ug/l
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.009 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

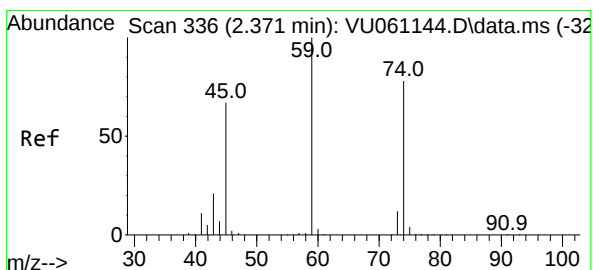
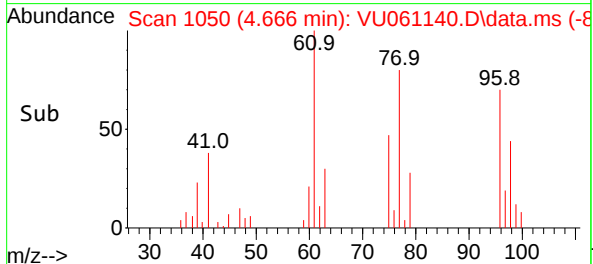
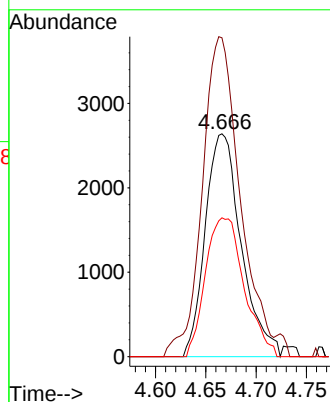
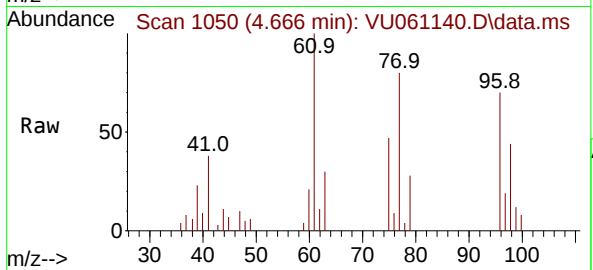
VSTDICC0.5

Tgt Ion: 96 Resp: 655
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 364.8
 98 67.0 32.1 96.3

Manual Integrations

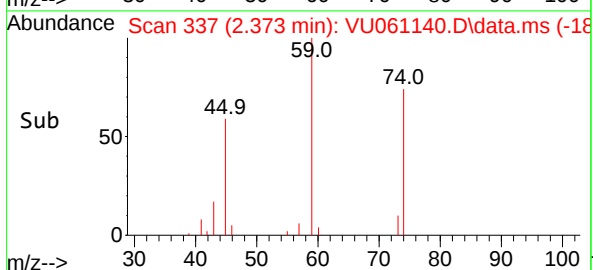
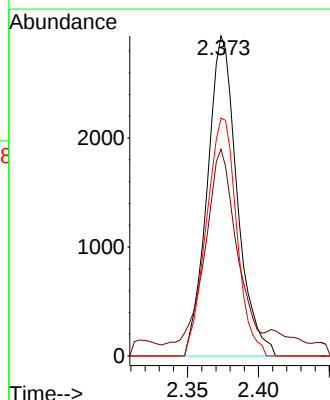
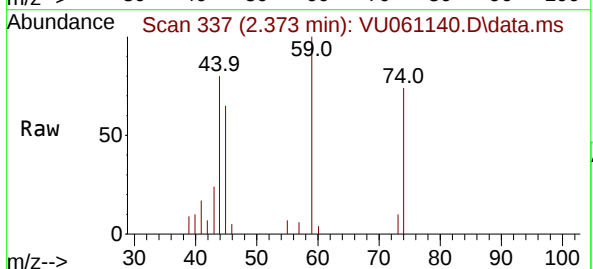
APPROVED

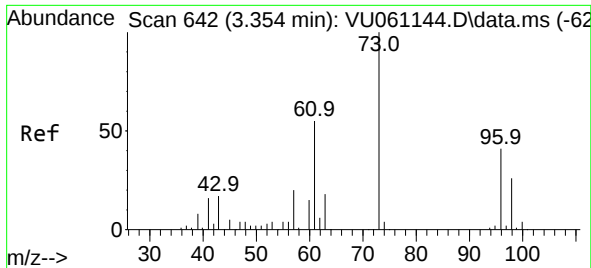
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#23
 Diethyl Ether
 Concen: 0.494 ug/l
 RT: 2.373 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

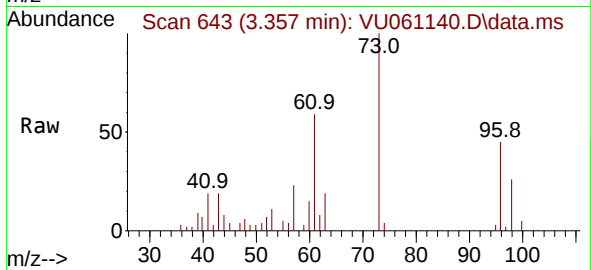
Tgt Ion: 59 Resp: 4302
 Ion Ratio Lower Upper
 59 100
 45 61.3 52.0 78.0
 74 75.2 62.2 93.2





#25
Methyl tert-Butyl Ether
Concen: 0.485 ug/l
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

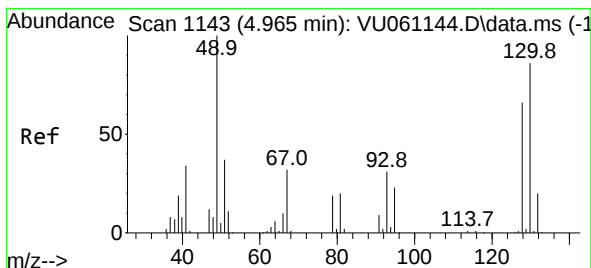
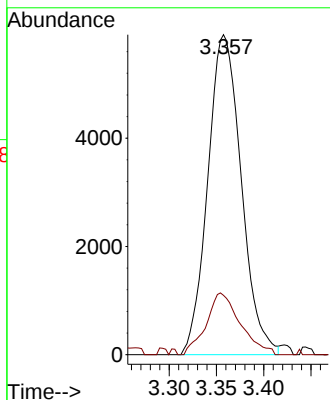
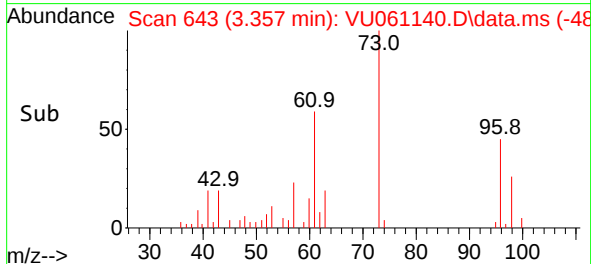
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 73 Resp: 1456
Ion Ratio Lower Upper
73 100
43 19.7 14.7 22.1

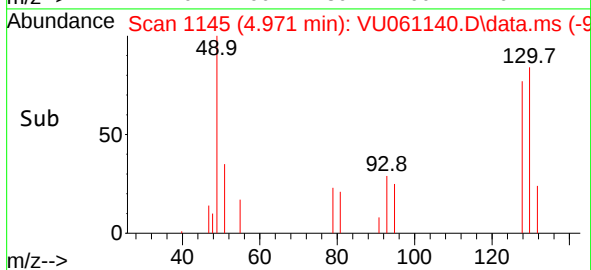
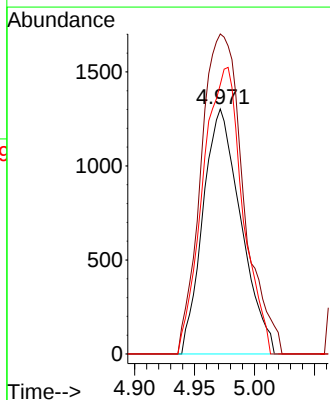
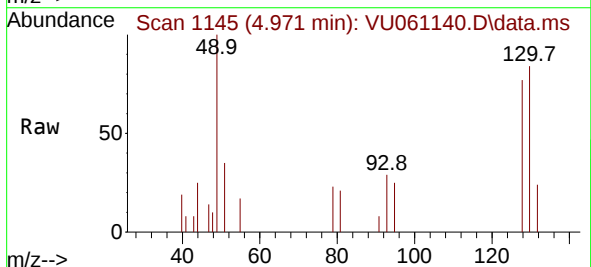
Manual Integrations
APPROVED

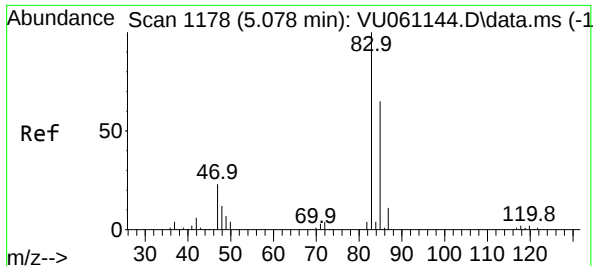
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#26
Bromochloromethane
Concen: 0.479 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:128 Resp: 2872
Ion Ratio Lower Upper
128 100
49 146.6 0.0 308.8
130 122.5 105.3 157.9





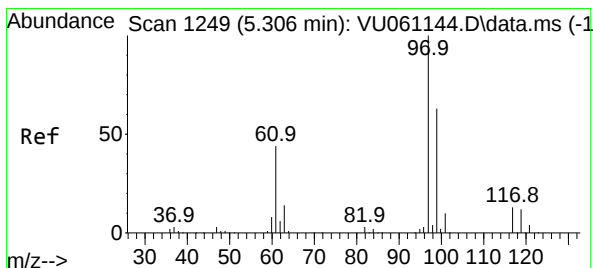
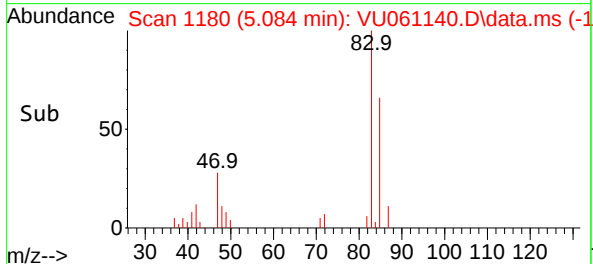
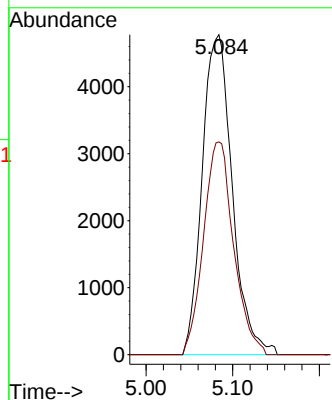
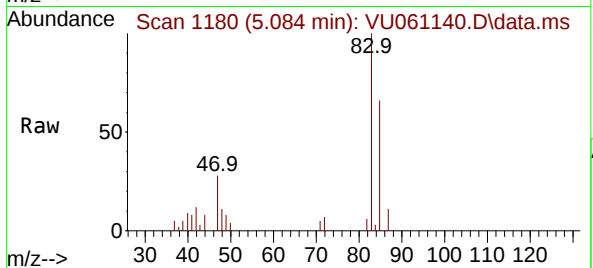
#27
Chloroform
Concen: 0.471 ug/l
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 11519
Ion Ratio Lower Upper
83 100
85 66.5 0.0 129.6

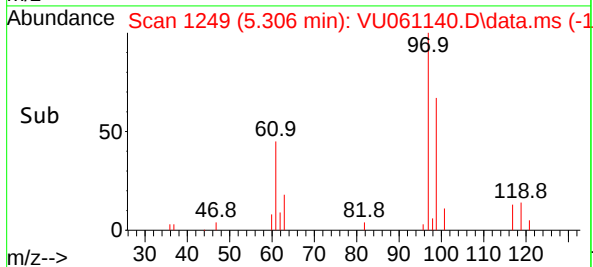
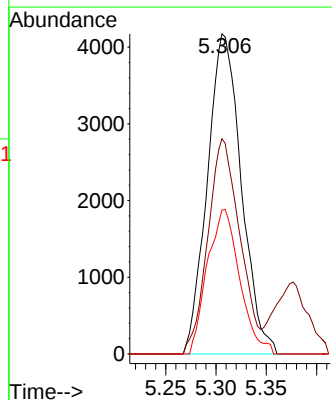
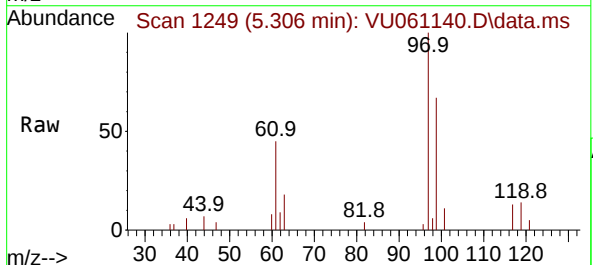
Manual Integrations
APPROVED

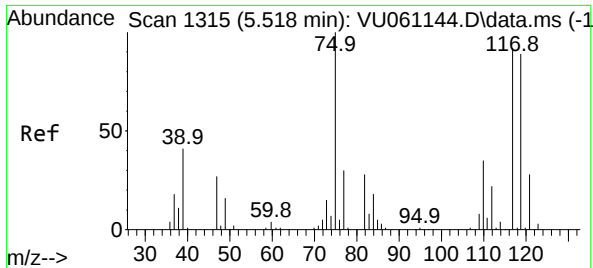
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#28
1,1,1-Trichloroethane
Concen: 0.454 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 97 Resp: 9795
Ion Ratio Lower Upper
97 100
99 63.4 31.9 95.5
61 43.1 22.1 66.1





#29
1,1-Dichloropropene
Concen: 0.453 ug/l
RT: 5.524 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

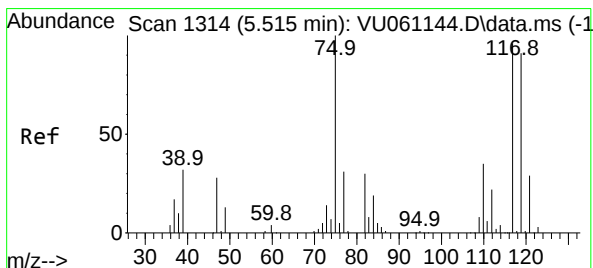
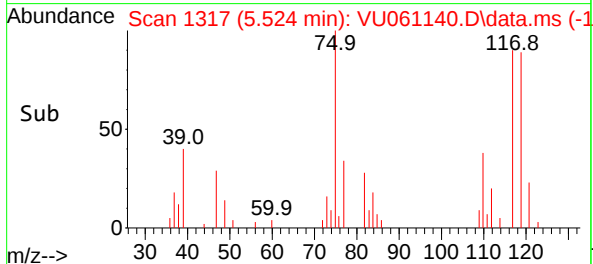
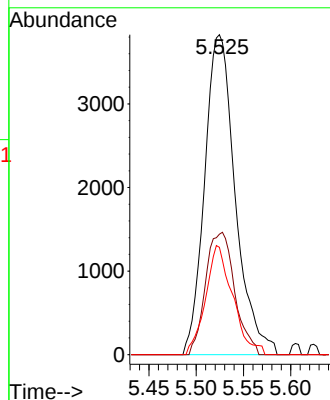
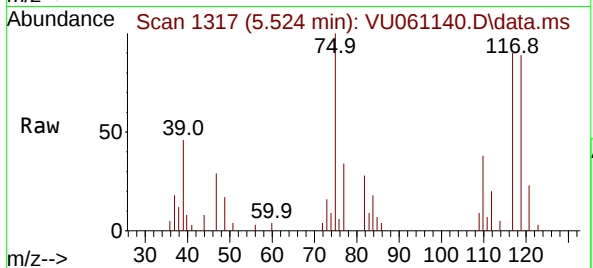
VSTDIC0.5

Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.3
77 30.2 24.6 37.0

Manual Integrations

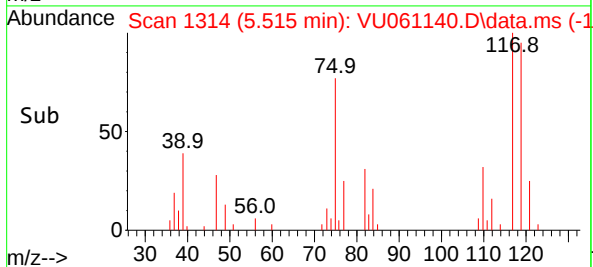
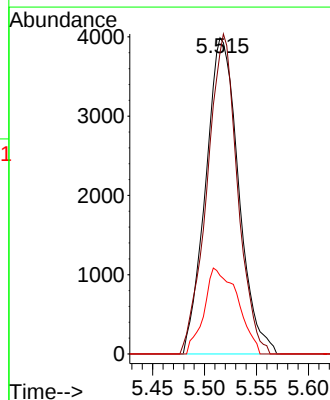
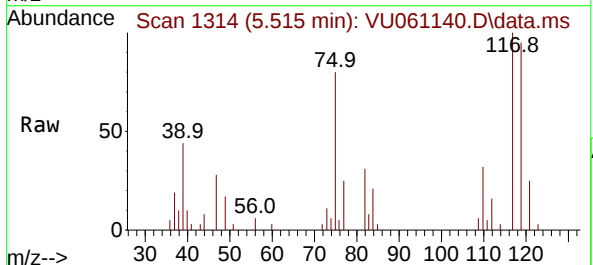
APPROVED

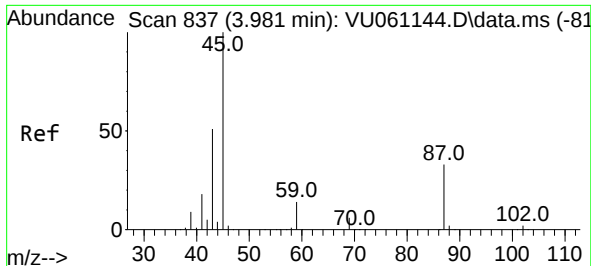
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30
Carbon Tetrachloride
Concen: 0.469 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:117 Resp: 8764
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 24.8 24.1 36.1





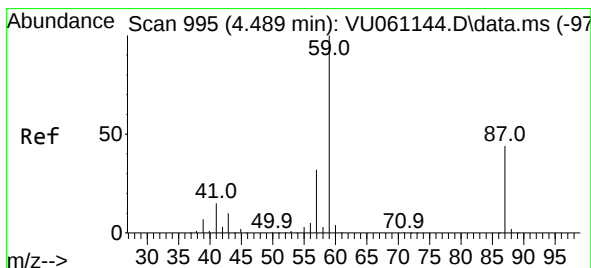
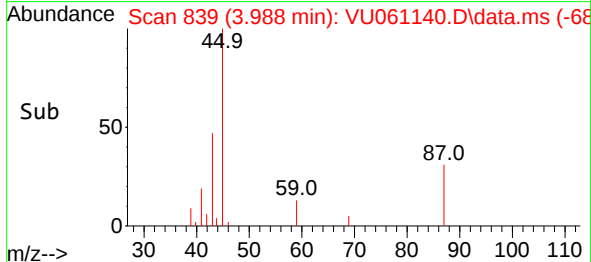
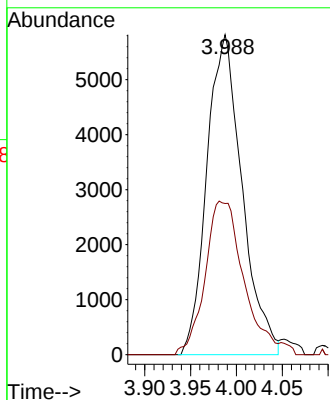
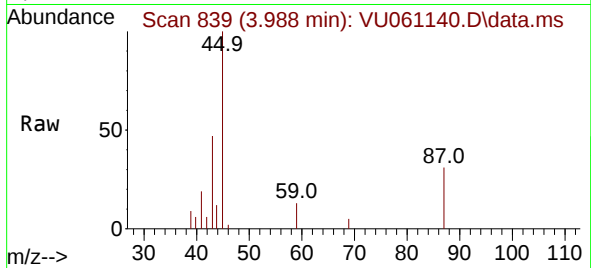
#31
Isopropyl Ether
Concen: 0.466 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 1551
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0

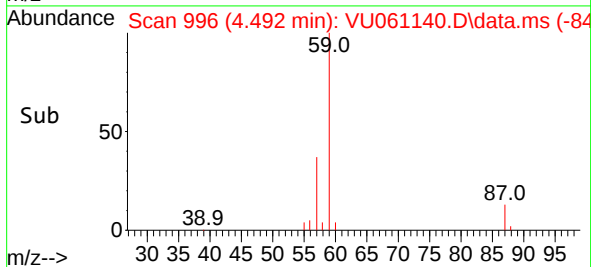
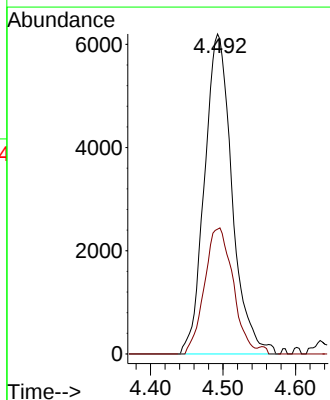
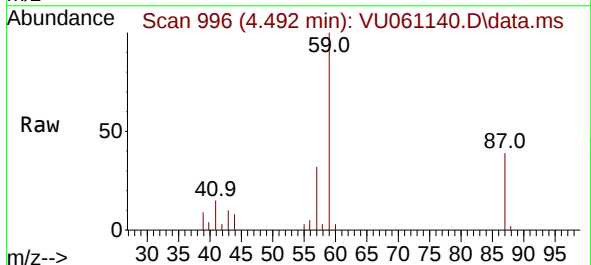
Manual Integrations
APPROVED

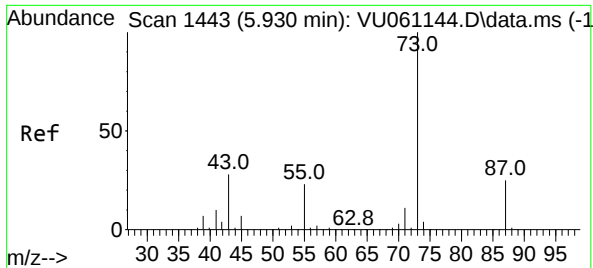
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#32
Ethyl-t-butyl ether
Concen: 0.478 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 59 Resp: 16357
Ion Ratio Lower Upper
59 100
87 38.7 34.7 52.1





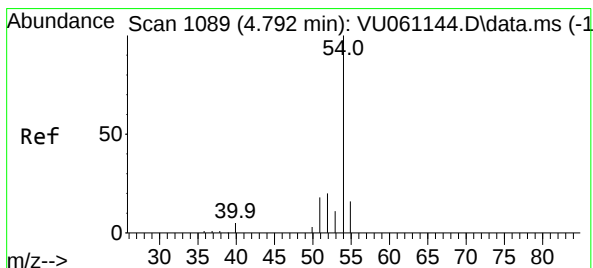
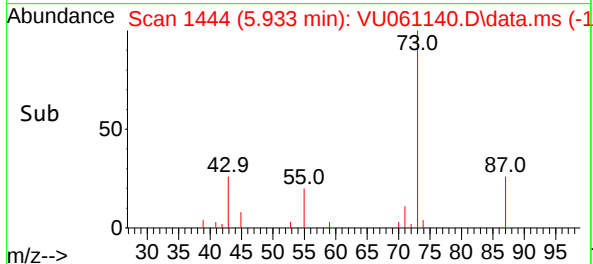
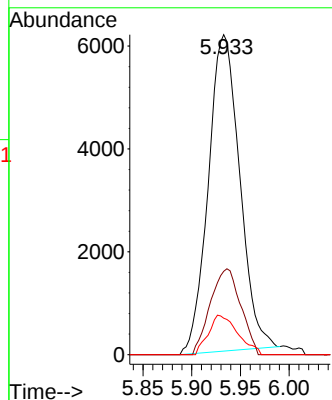
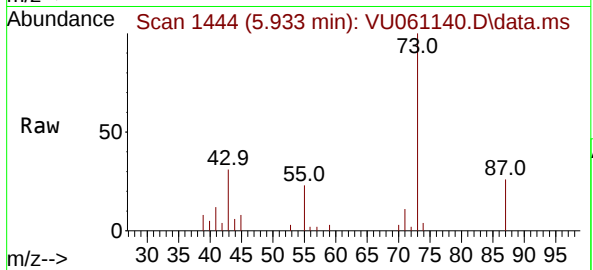
#33
Tert-Amyl methyl ether
Concen: 0.448 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 1378
Ion Ratio Lower Upper
73 100
87 26.2 19.8 29.8
71 11.7 8.6 12.8

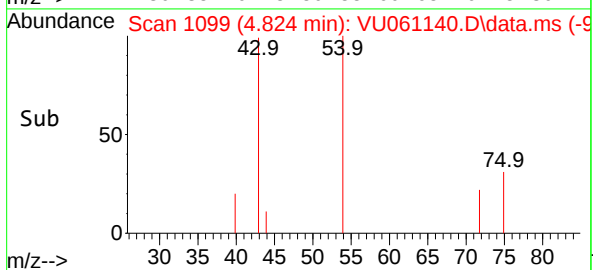
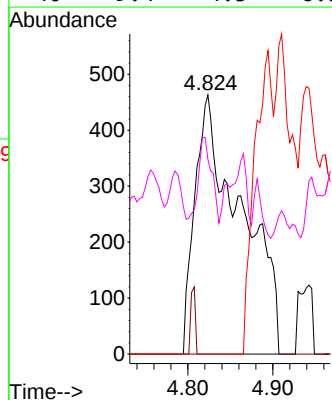
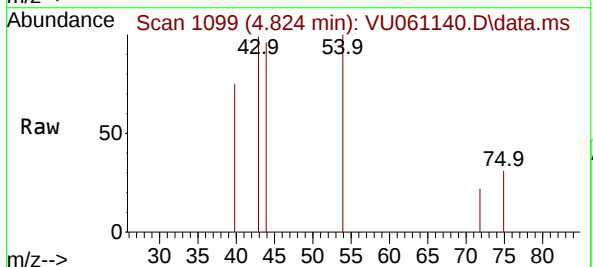
Manual Integrations
APPROVED

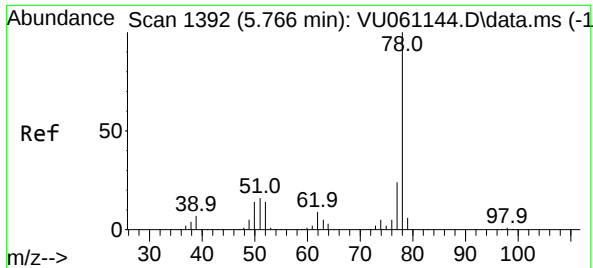
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#34
Propionitrile
Concen: 2.008 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 54 Resp: 1739
Ion Ratio Lower Upper
54 100
52 2.5 15.3 22.9#
55 0.0 9.7 14.5#
40 9.4 4.3 6.5#





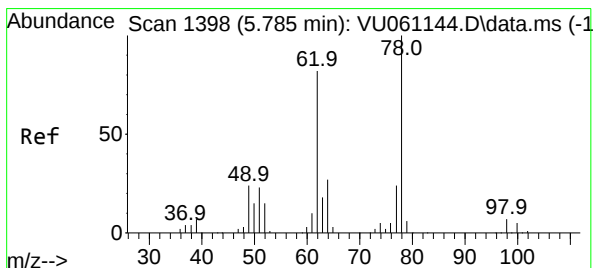
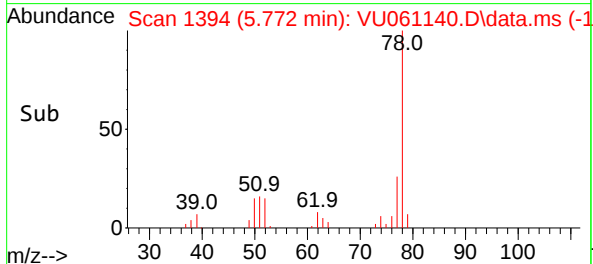
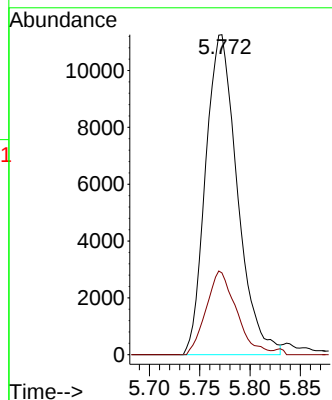
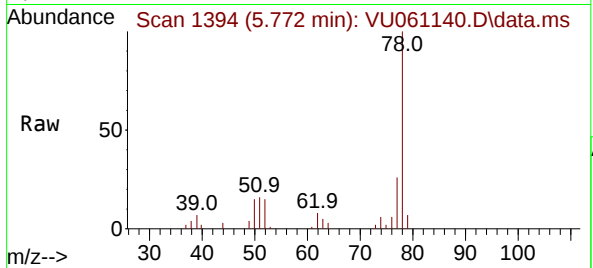
#35
Benzene
Concen: 0.461 ug/l
RT: 5.772 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 24719
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.0

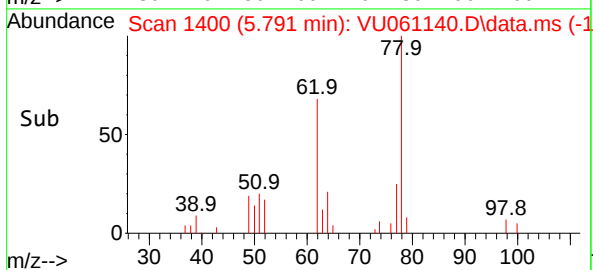
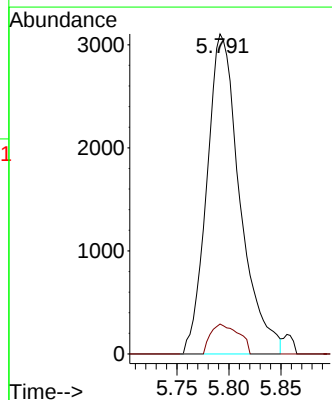
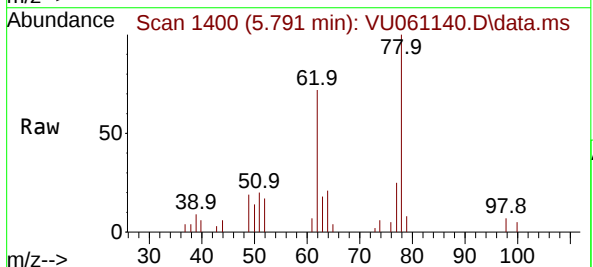
Manual Integrations
APPROVED

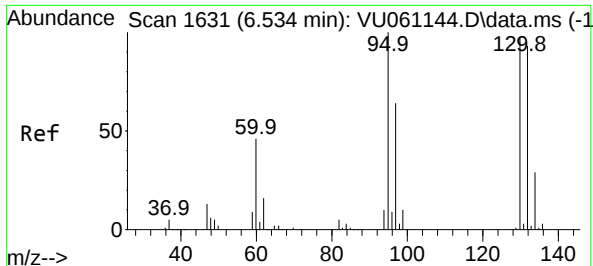
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#36
1,2-Dichloroethane
Concen: 0.454 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 62 Resp: 6873
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4





#37

Trichloroethene

Concen: 0.464 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:130 Resp: 664

Ion Ratio Lower Upper

130 100

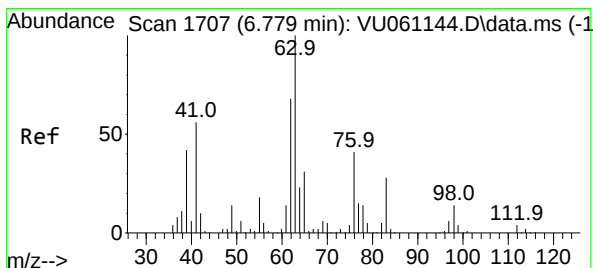
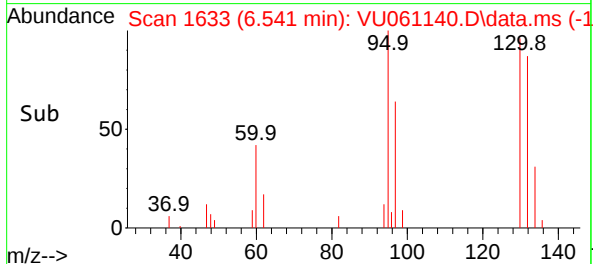
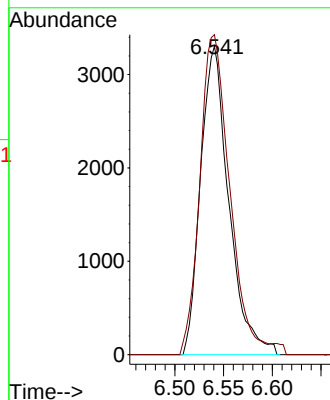
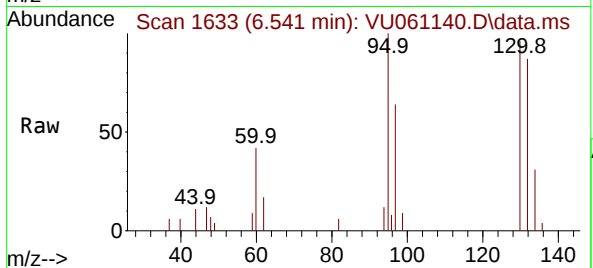
95 103.8 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#38

1,2-Dichloropropane

Concen: 0.467 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.009 min

Lab File: VU061140.D

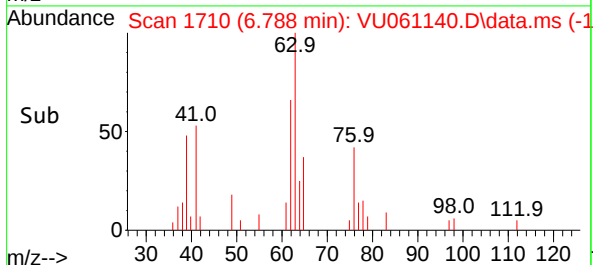
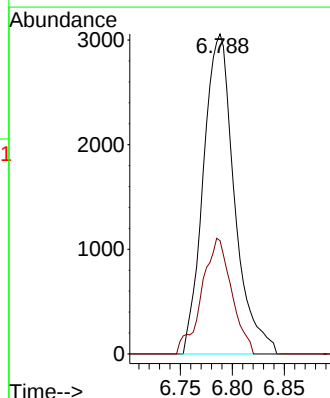
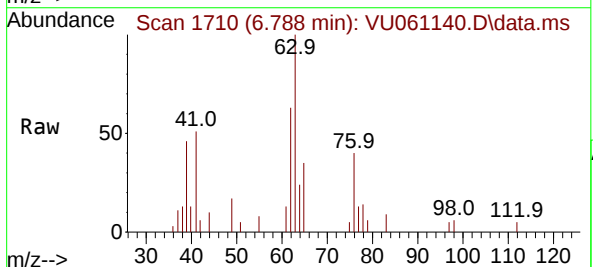
Acq: 17 Oct 2024 11:24

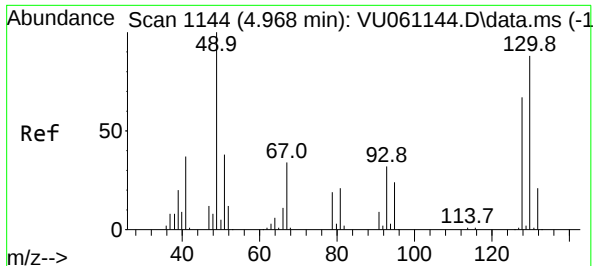
Tgt Ion: 63 Resp: 6350

Ion Ratio Lower Upper

63 100

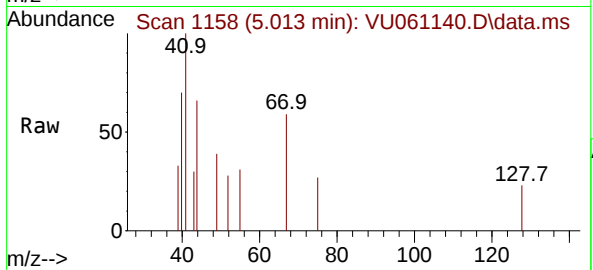
65 35.4 25.0 37.6





#39
Methacrylonitrile
Concen: 0.413 ug/l m
RT: 5.013 min Scan# 1158
Delta R.T. 0.045 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

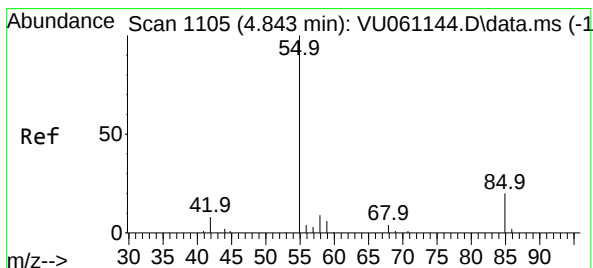
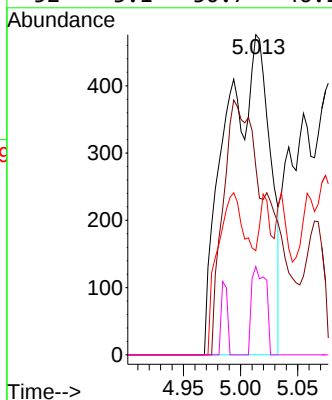
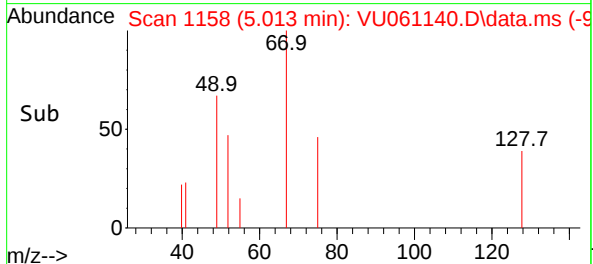
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:	41	Resp:	1278
Ion	Ratio	Lower	Upper
41	100		
67	85.1	78.1	117.1
39	36.2	44.6	67.0
52	3.1	30.7	46.1

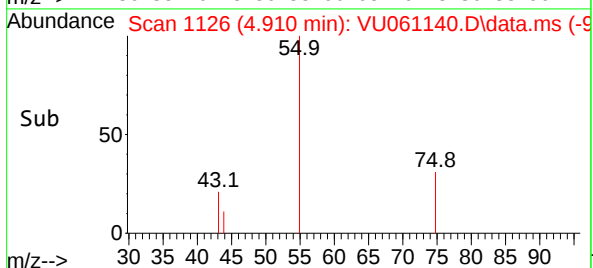
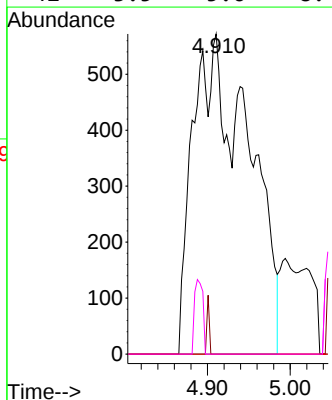
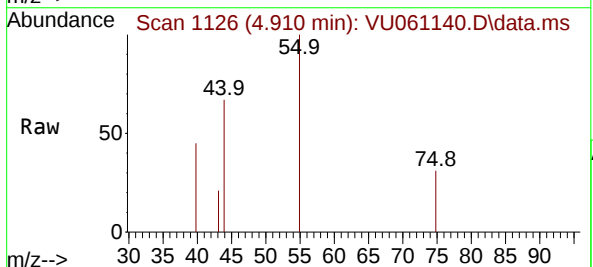
Manual Integrations
APPROVED

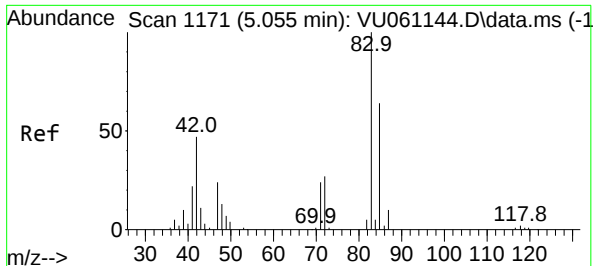
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#40
Methyl acrylate
Concen: 0.430 ug/l m
RT: 4.910 min Scan# 1126
Delta R.T. 0.067 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:	55	Resp:	2675
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1
58	0.0	6.9	10.3
42	3.5	5.6	8.4





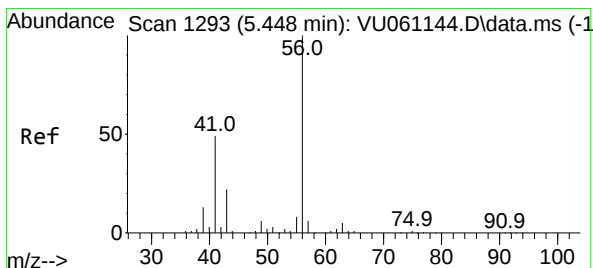
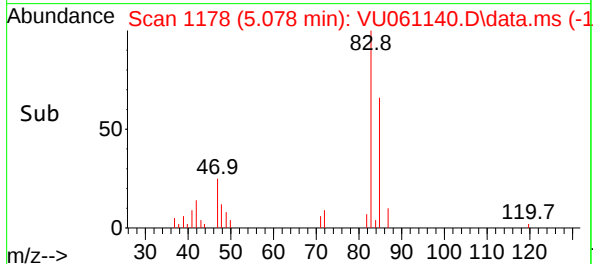
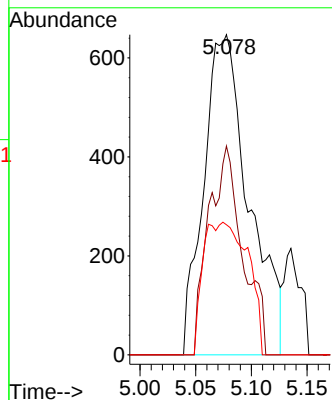
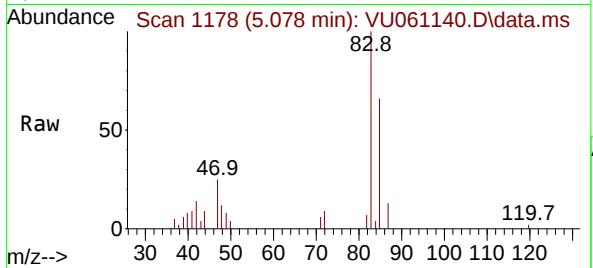
#41
Tetrahydrofuran
Concen: 0.995 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.022 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 1829
Ion Ratio Lower Upper
42 100
72 48.9 47.8 71.8
71 13.4 41.5 62.3

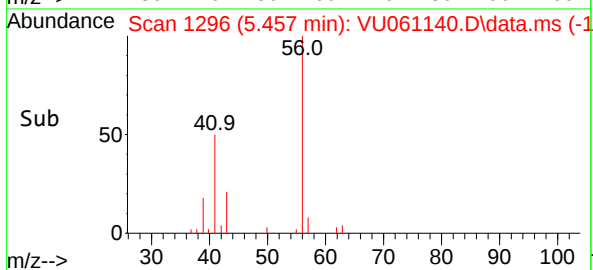
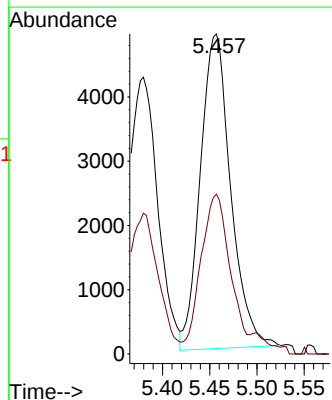
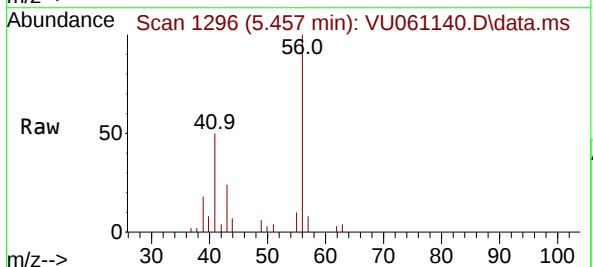
Manual Integrations
APPROVED

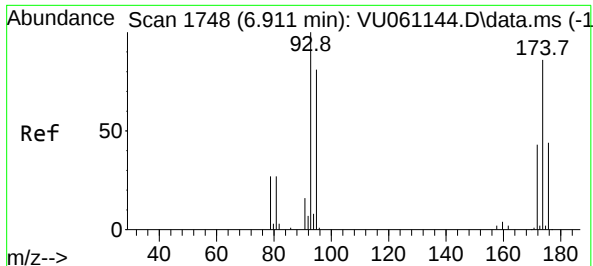
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#42
1-Chlorobutane
Concen: 0.447 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.009 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 56 Resp: 10924
Ion Ratio Lower Upper
56 100
41 42.5 23.9 71.7





#43

Dibromomethane

Concen: 0.456 ug/l

RT: 6.914 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

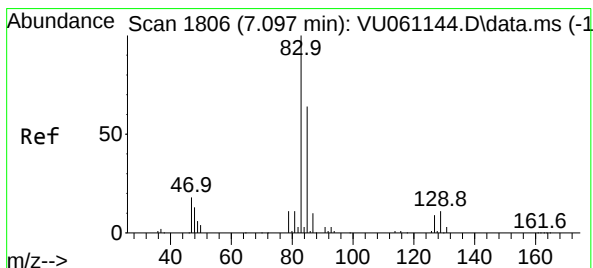
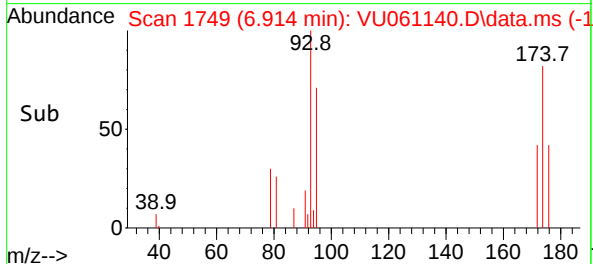
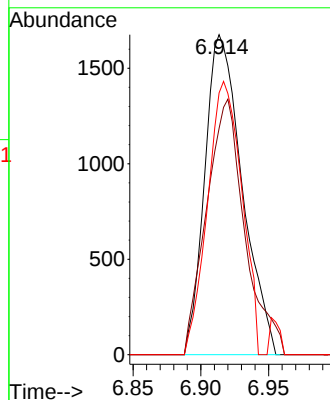
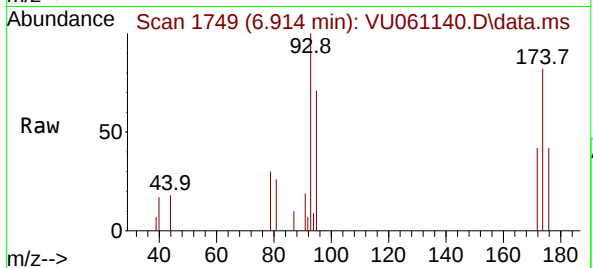
VSTDICC0.5

Tgt Ion:	93	Resp:	321
Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.5	101.3
174	78.3	71.2	106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#44

Bromodichloromethane

Concen: 0.461 ug/l

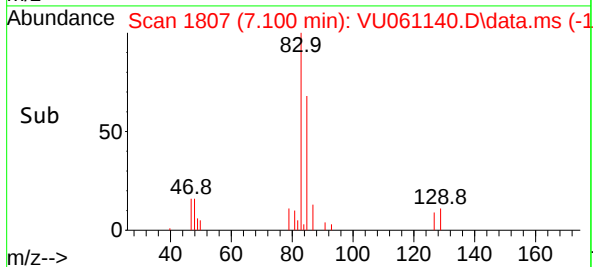
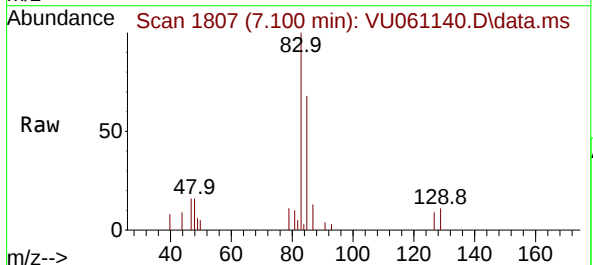
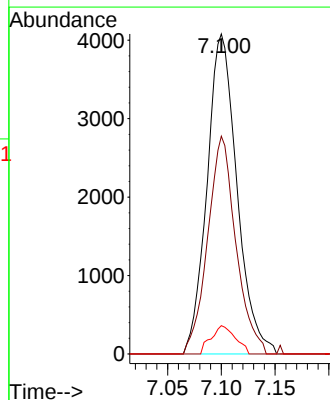
RT: 7.100 min Scan# 1807

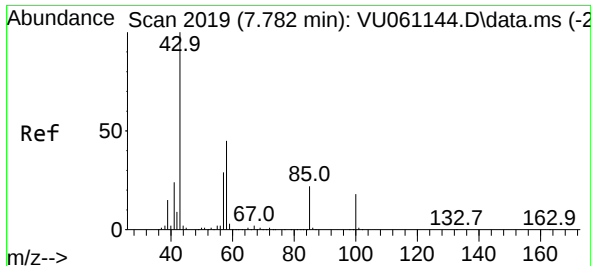
Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:	83	Resp:	7896
Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.4	77.2
127	8.9	7.4	11.2





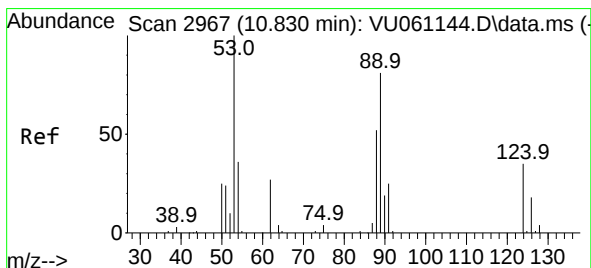
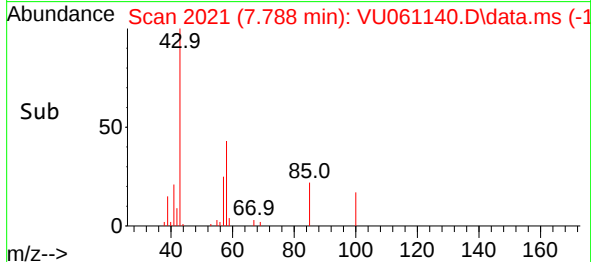
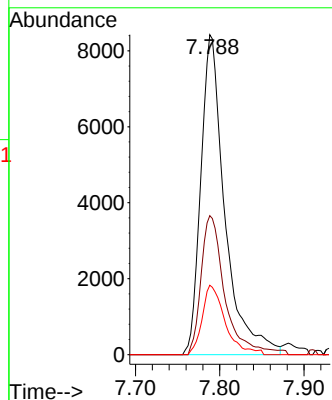
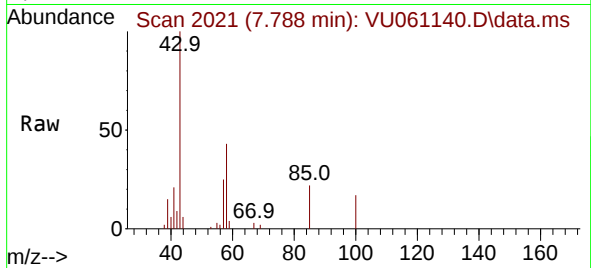
#45
4-Methyl-2-Pentanone
Concen: 2.363 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 43.1 22.2 66.6
85 20.8 17.2 25.8

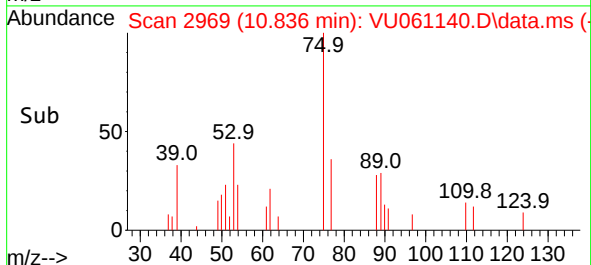
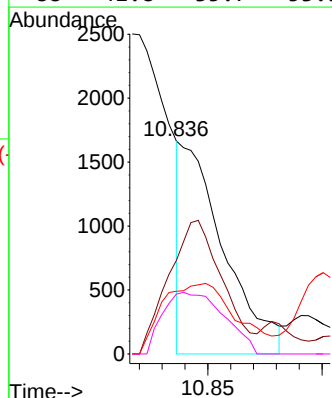
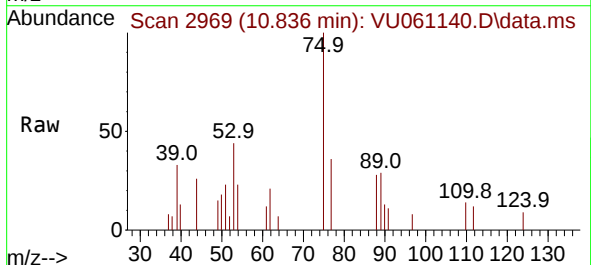
Manual Integrations
APPROVED

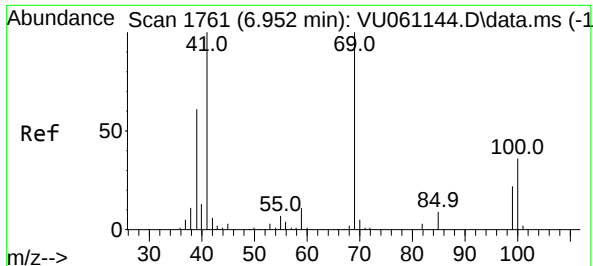
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.738 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 75 Resp: 2161
Ion Ratio Lower Upper
75 100
53 79.7 66.0 99.0
89 57.6 48.0 72.0
88 41.8 35.7 53.5





#47

Methyl methacrylate

Concen: 0.962 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.016 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

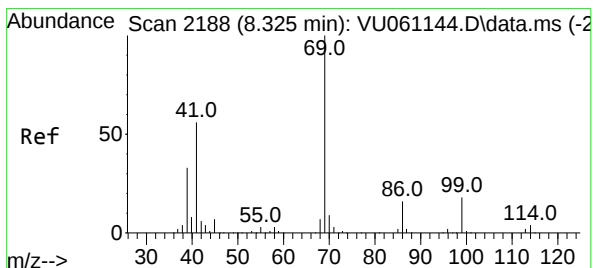
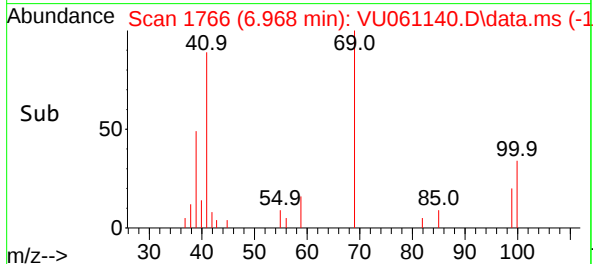
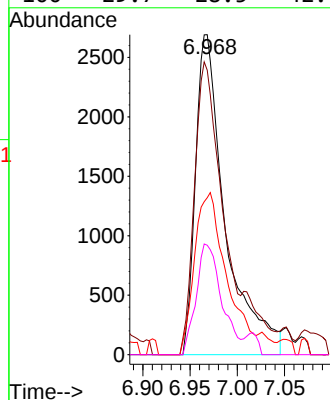
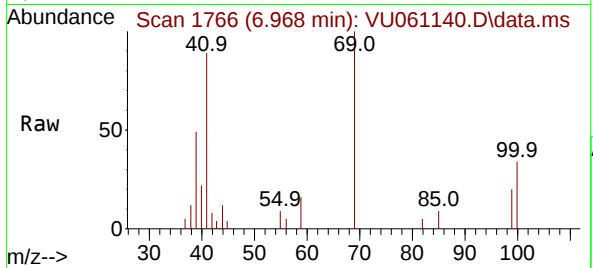
VSTDICC0.5

Tgt Ion:	69	Resp:	589
Ion Ratio	Lower	Upper	
69	100		
41	83.5	0.0	196.0
39	54.6	48.0	72.0
100	29.7	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#48

Ethyl methacrylate

Concen: 0.430 ug/l

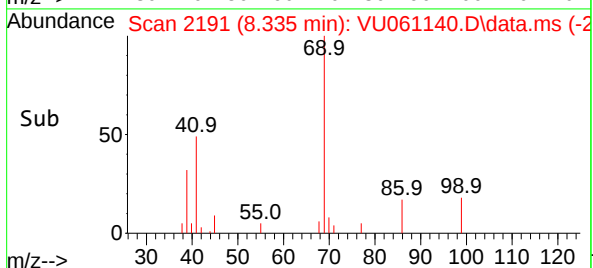
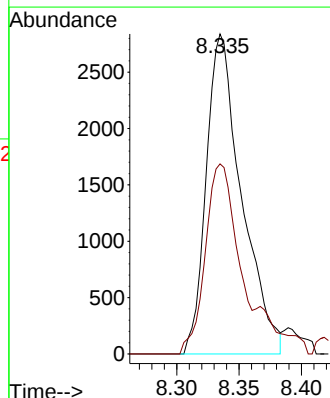
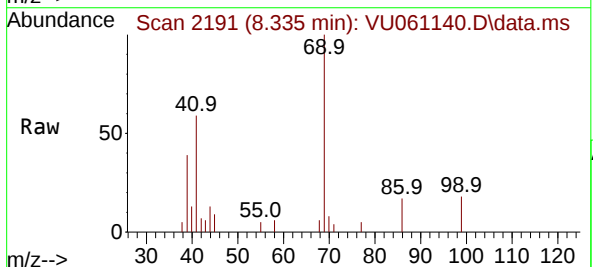
RT: 8.335 min Scan# 2191

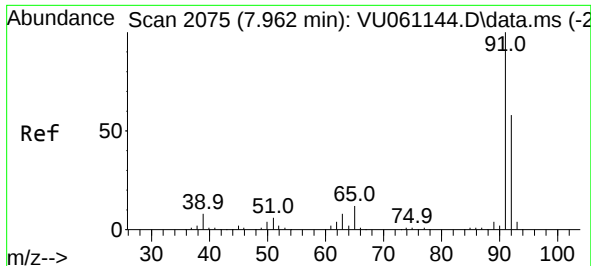
Delta R.T. 0.009 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:	69	Resp:	5610
Ion Ratio	Lower	Upper	
69	100		
41	64.0	28.1	84.3





#49

Toluene

Concen: 0.455 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 1541

Ion Ratio Lower Upper

92 100

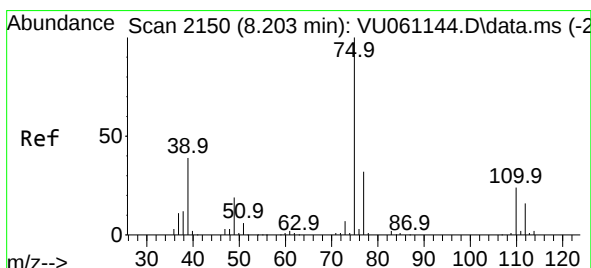
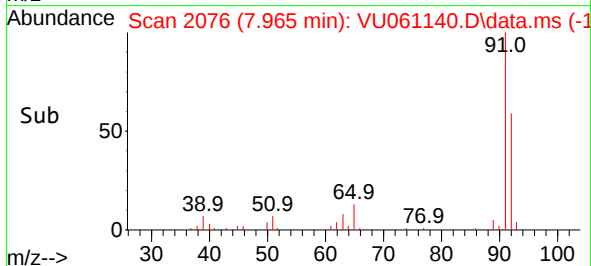
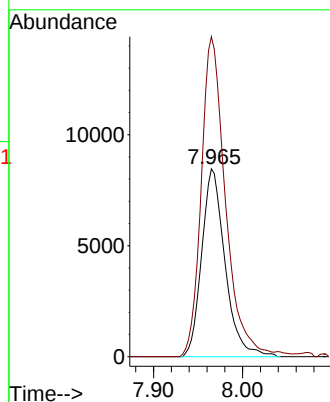
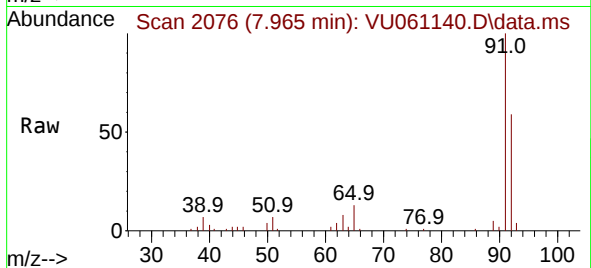
91 176.1 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#50

t-1,3-Dichloropropene

Concen: 0.475 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061140.D

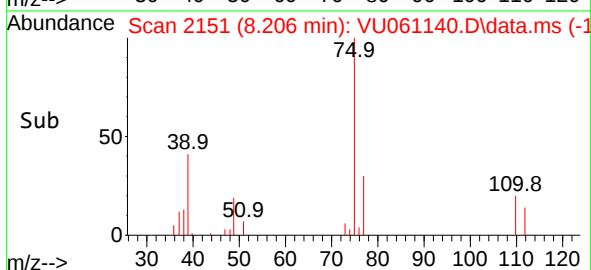
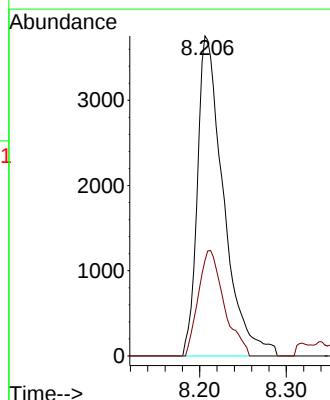
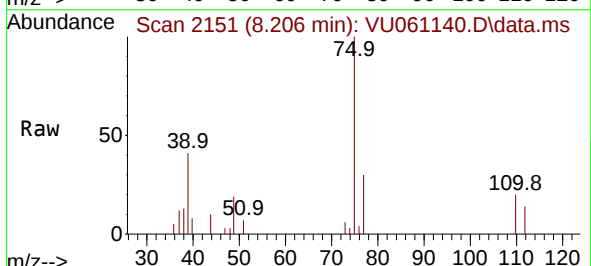
Acq: 17 Oct 2024 11:24

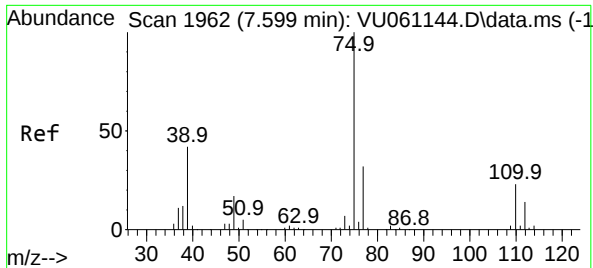
Tgt Ion: 75 Resp: 7839

Ion Ratio Lower Upper

75 100

77 29.9 25.9 38.9





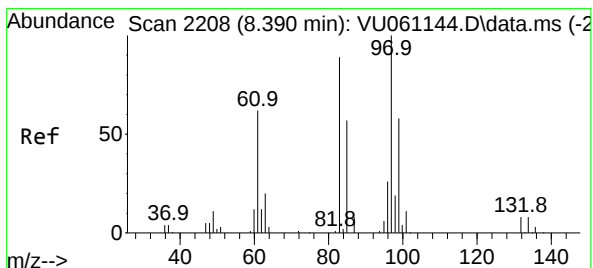
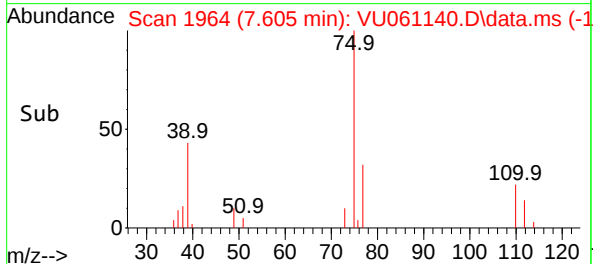
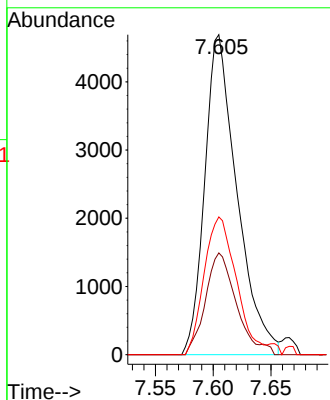
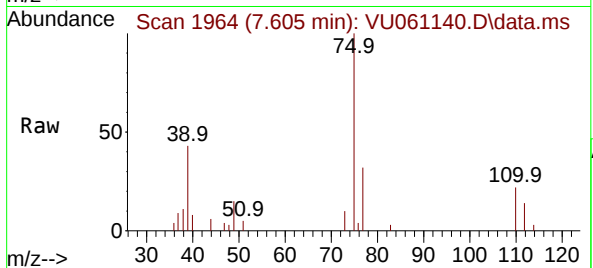
#51
 cis-1,3-Dichloropropene
 Concen: 0.450 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 9120
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 43.1 33.7 50.5

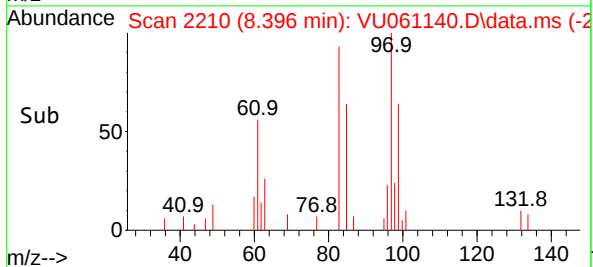
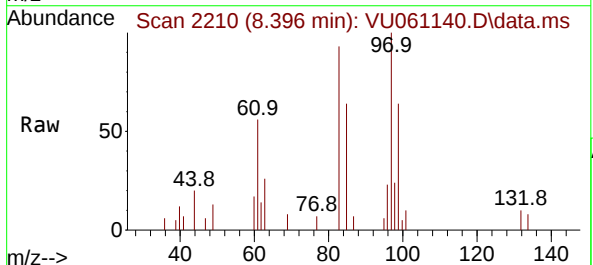
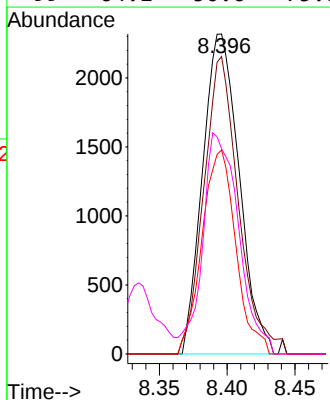
Manual Integrations
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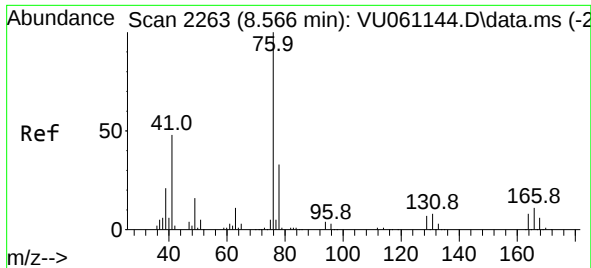
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.457 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Tgt Ion: 97 Resp: 4340
 Ion Ratio Lower Upper
 97 100
 83 92.9 71.0 106.4
 85 63.7 46.1 69.1
 99 64.1 50.6 75.8





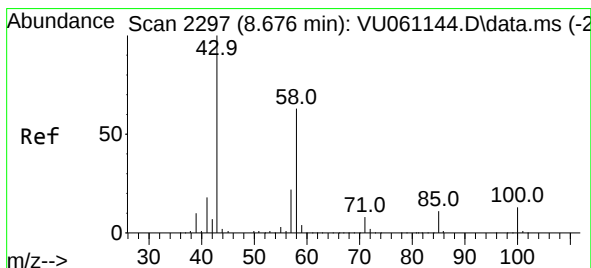
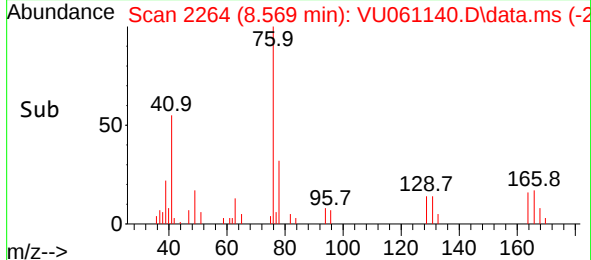
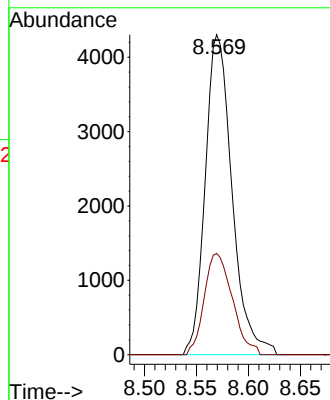
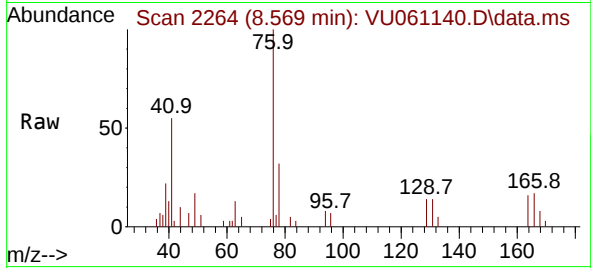
#53
1,3-Dichloropropane
Concen: 0.463 ug/l
RT: 8.569 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 772
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2

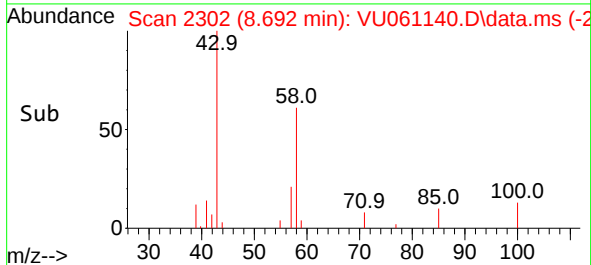
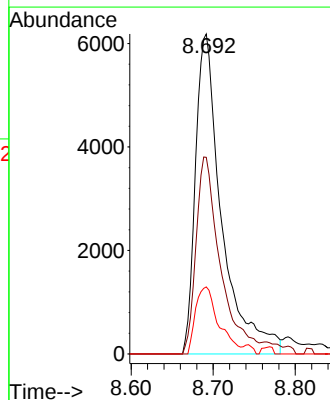
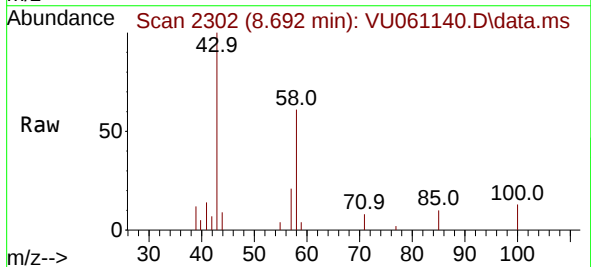
Manual Integrations
APPROVED

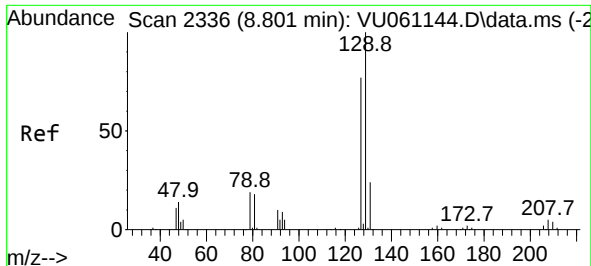
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#54
2-Hexanone
Concen: 2.360 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

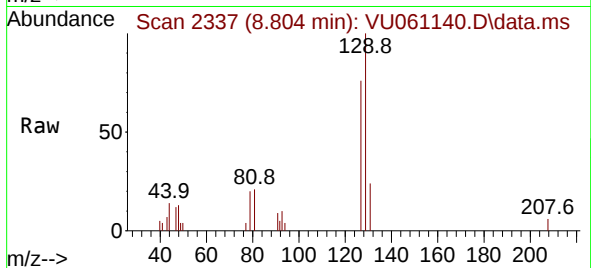
Tgt Ion: 43 Resp: 13710
Ion Ratio Lower Upper
43 100
58 57.0 41.8 81.8
57 18.5 1.4 41.4





#55
Dibromochloromethane
Concen: 0.443 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

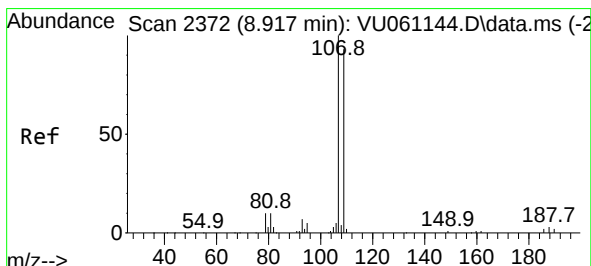
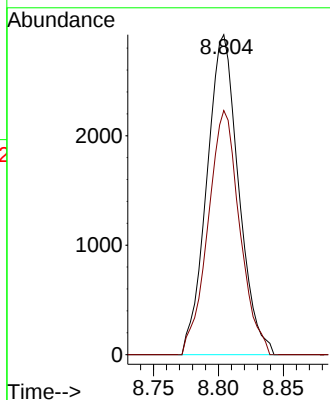
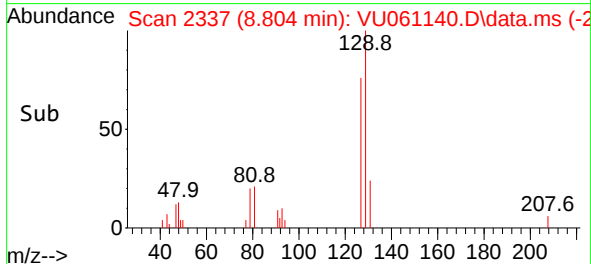
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:129 Resp: 4975
Ion Ratio Lower Upper
129 100
127 76.0 61.9 92.9

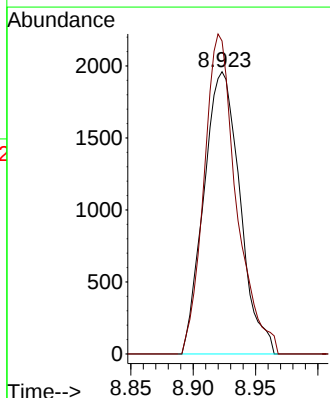
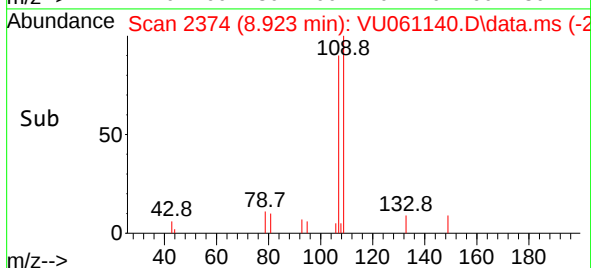
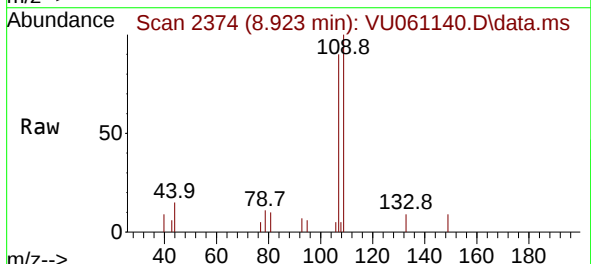
Manual Integrations
APPROVED

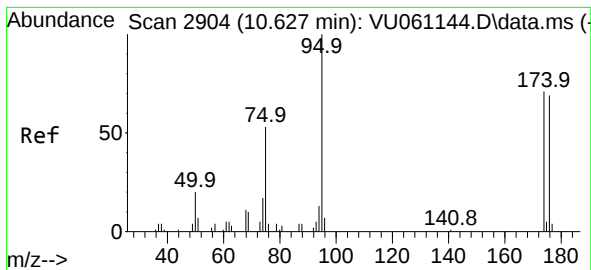
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 0.434 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

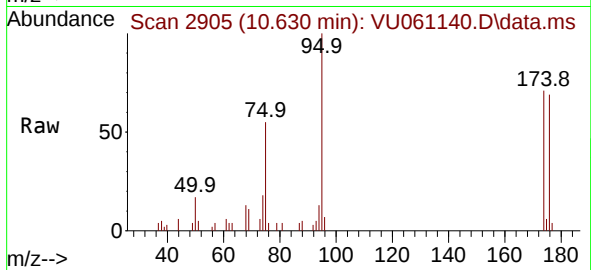
Tgt Ion:107 Resp: 3953
Ion Ratio Lower Upper
107 100
109 101.8 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.943 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

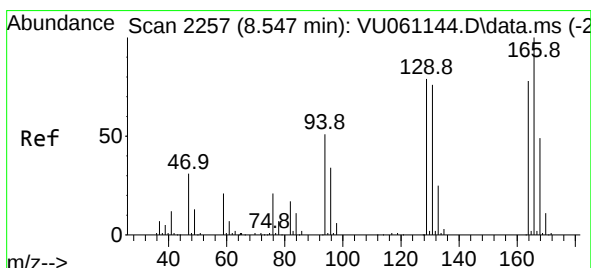
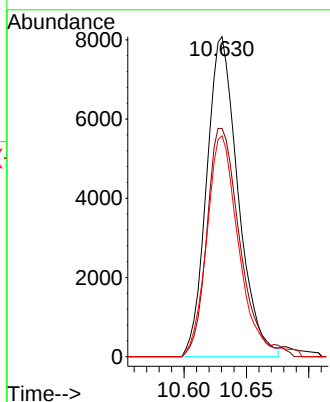
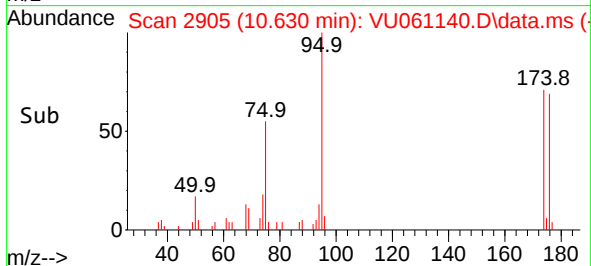
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 14160
Ion Ratio Lower Upper
95 100
174 74.9 55.4 83.0
176 70.8 54.4 81.6

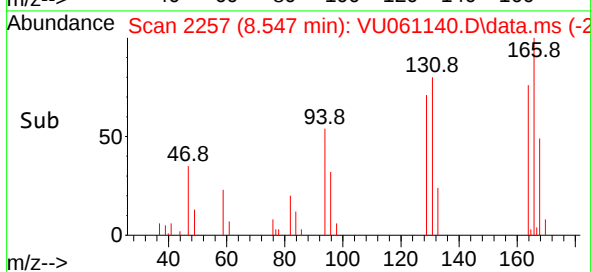
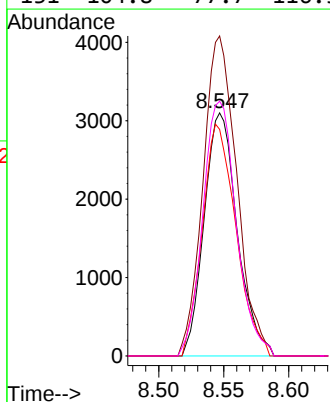
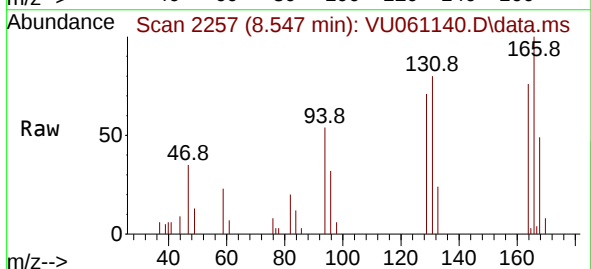
Manual Integrations
APPROVED

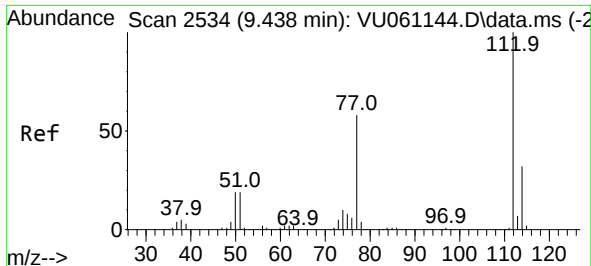
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 0.453 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

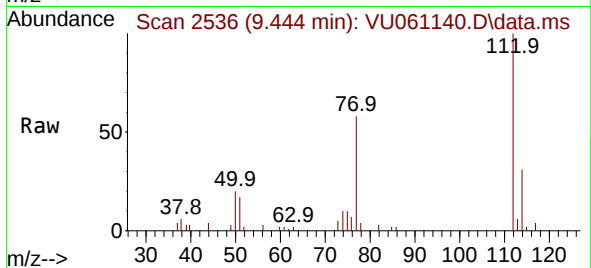
Tgt Ion:164 Resp: 5498
Ion Ratio Lower Upper
164 100
166 131.7 102.1 153.1
129 93.2 80.6 120.8
131 104.8 77.7 116.5





#59
Chlorobenzene
Concen: 0.472 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

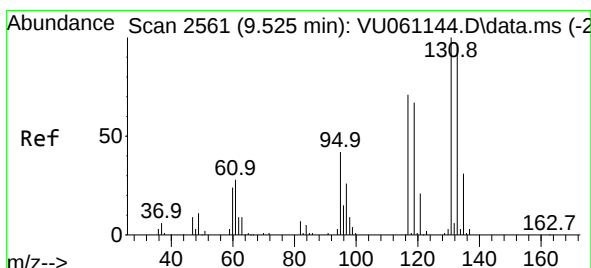
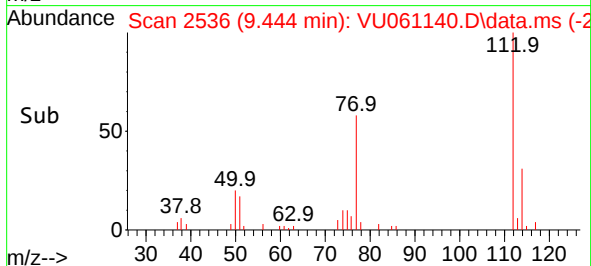
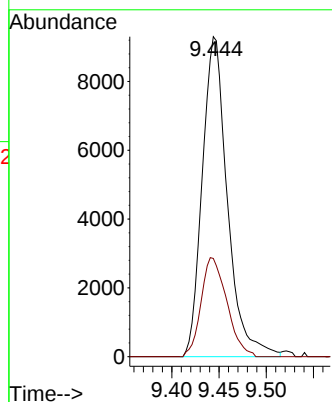
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 17219
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

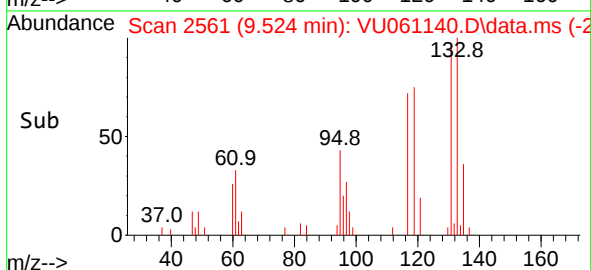
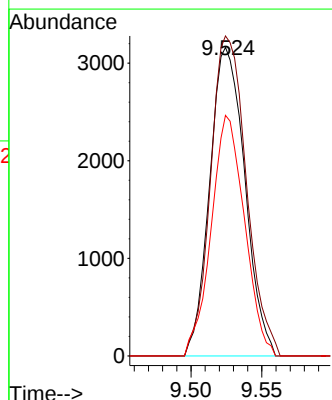
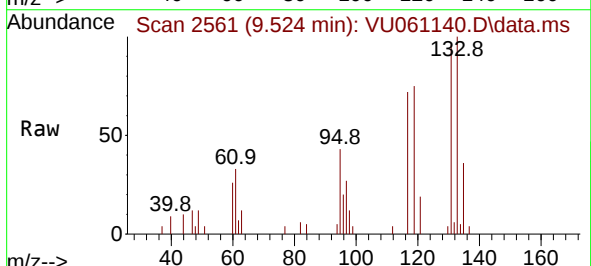
Manual Integrations
APPROVED

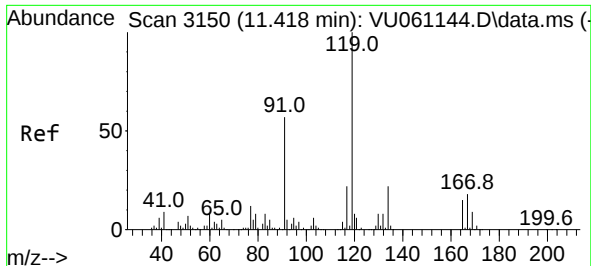
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.442 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:131 Resp: 5449
Ion Ratio Lower Upper
131 100
133 105.7 76.8 115.2
119 73.9 54.2 81.2





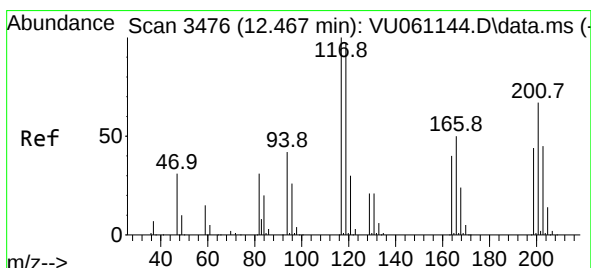
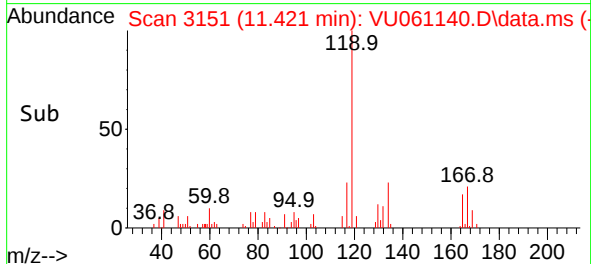
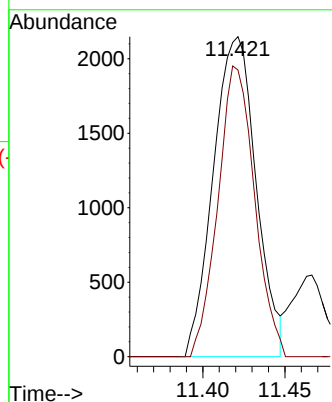
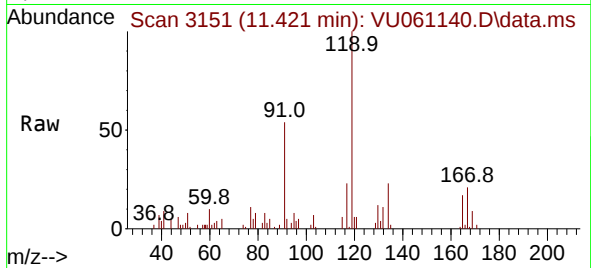
#61
Pentachloroethane
Concen: 0.414 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 389
Ion Ratio Lower Upper
117 100
167 77.7 63.4 95.2

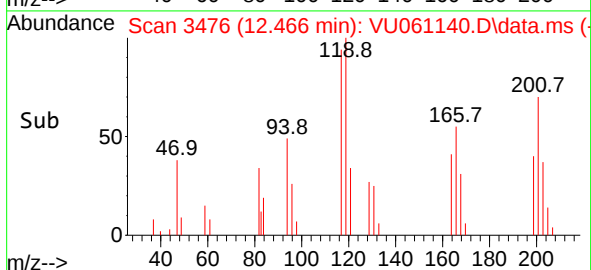
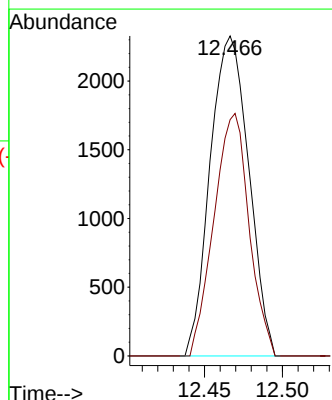
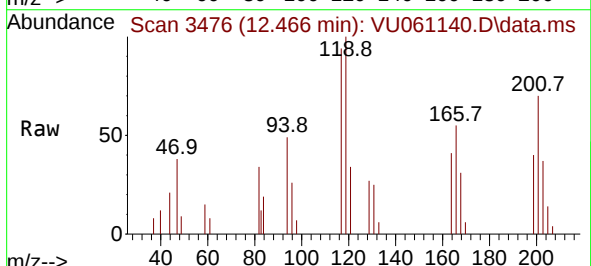
Manual Integrations
APPROVED

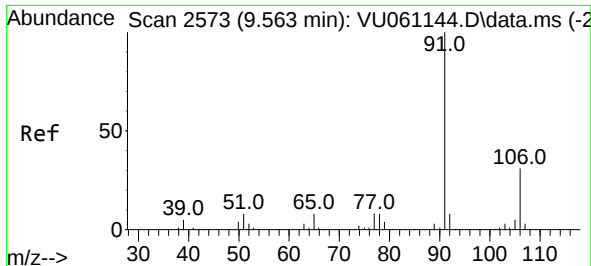
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#62
Hexachloroethane
Concen: 0.413 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:117 Resp: 4012
Ion Ratio Lower Upper
117 100
201 69.1 54.3 81.5





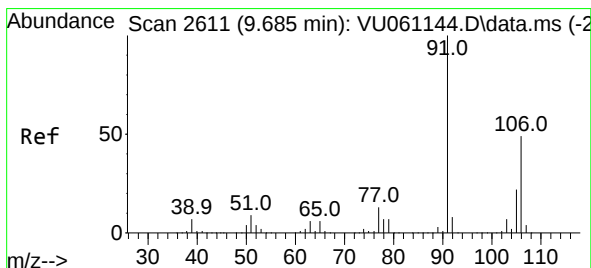
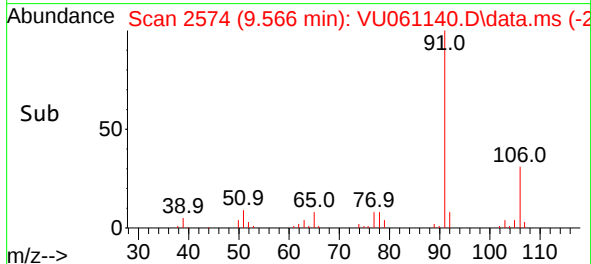
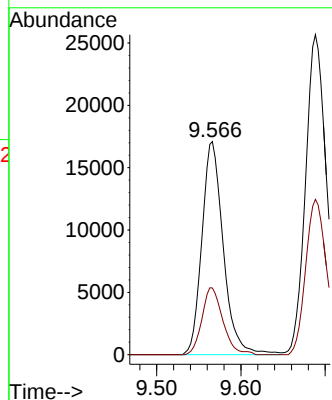
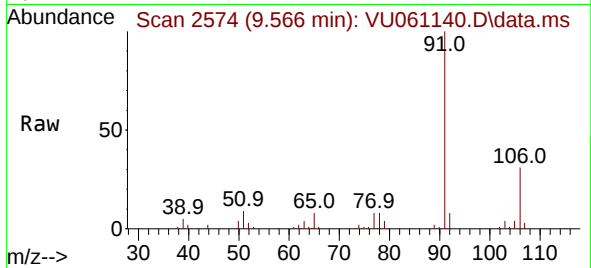
#63
Ethyl Benzene
Concen: 0.462 ug/l
RT: 9.566 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 30250
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

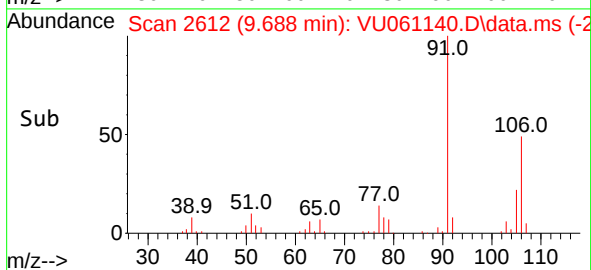
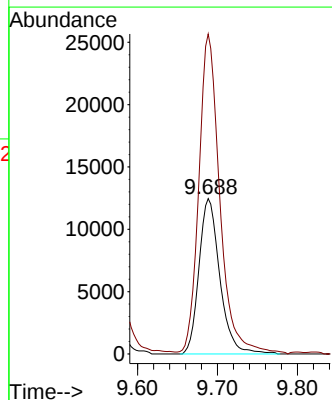
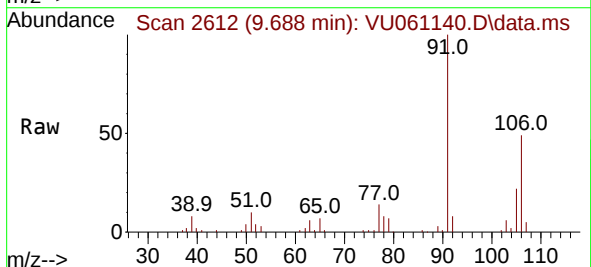
Manual Integrations
APPROVED

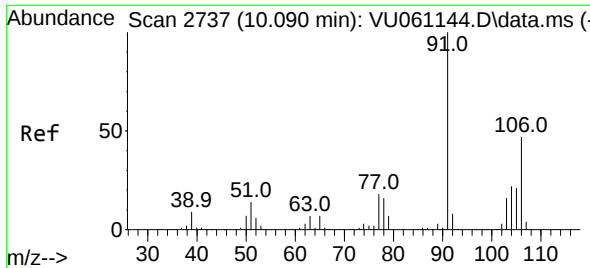
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 0.910 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:106 Resp: 22661
Ion Ratio Lower Upper
106 100
91 208.0 163.3 244.9





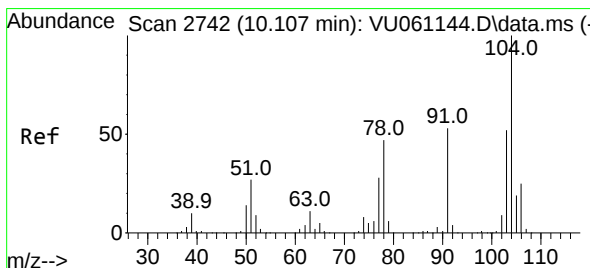
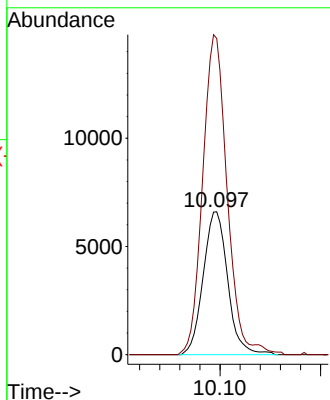
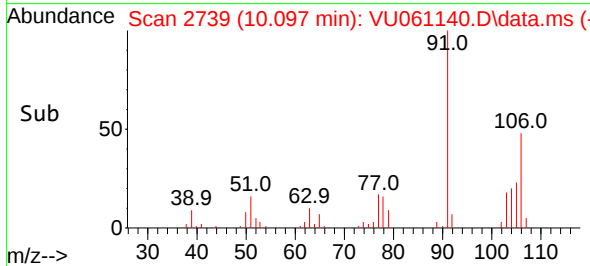
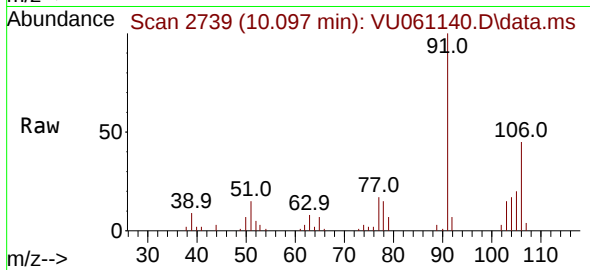
#65
o-Xylene
Concen: 0.455 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 11159
Ion Ratio Lower Upper
106 100
91 223.7 106.9 320.8

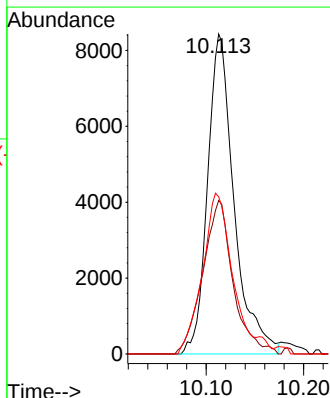
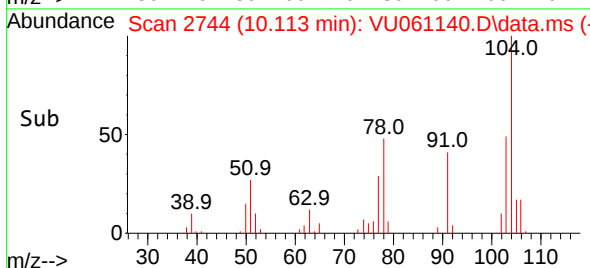
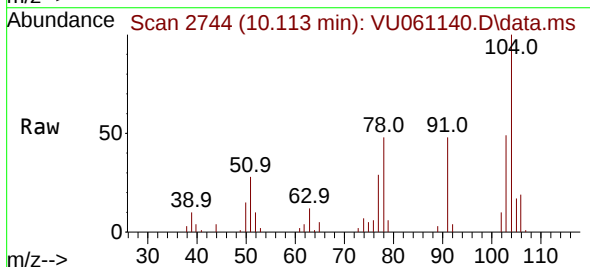
Manual Integrations
APPROVED

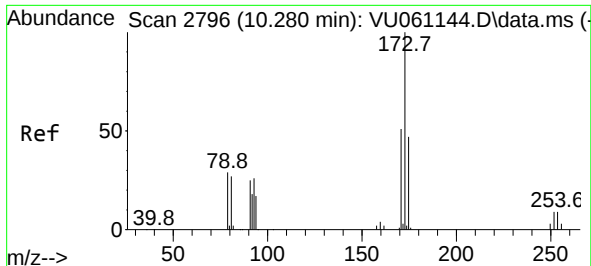
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 0.419 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

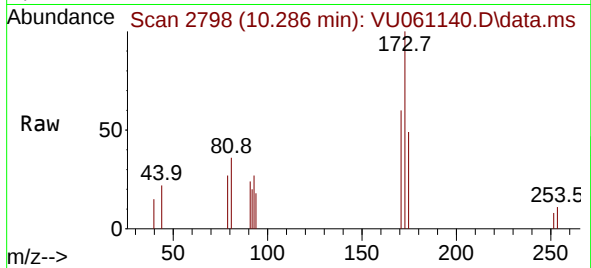
Tgt Ion:104 Resp: 15962
Ion Ratio Lower Upper
104 100
78 54.7 41.6 62.4
103 58.2 45.0 67.6





#67
Bromoform
Concen: 0.429 ug/l
RT: 10.286 min Scan# 2796
Delta R.T. 0.006 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

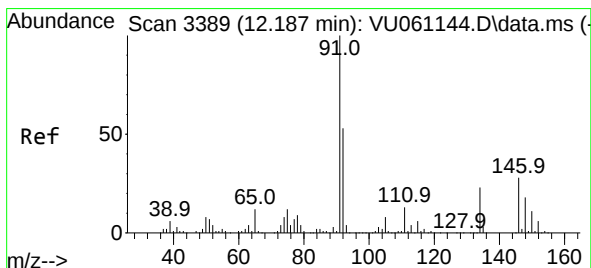
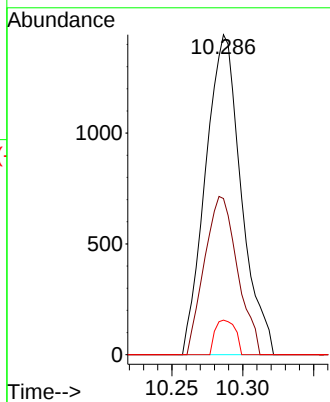
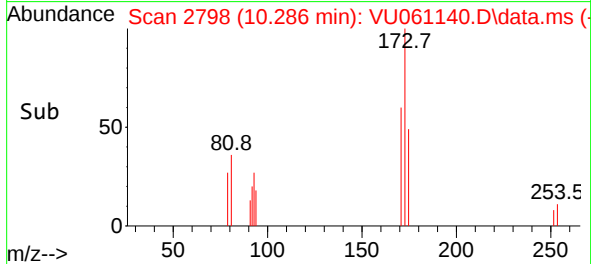
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:173 Resp: 252.0
Ion Ratio Lower Upper
173 100
175 45.9 37.8 56.8
254 6.1 7.0 10.4

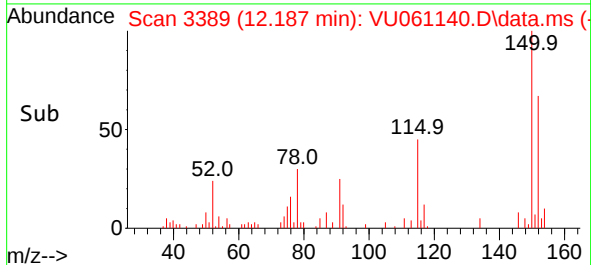
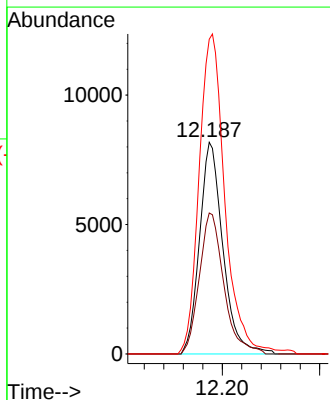
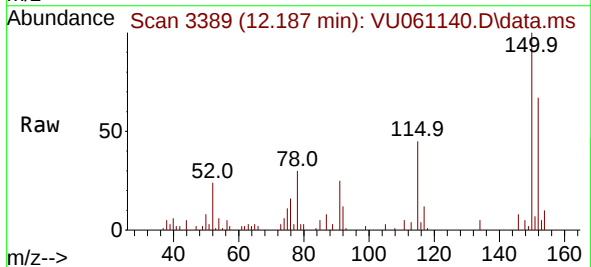
Manual Integrations
APPROVED

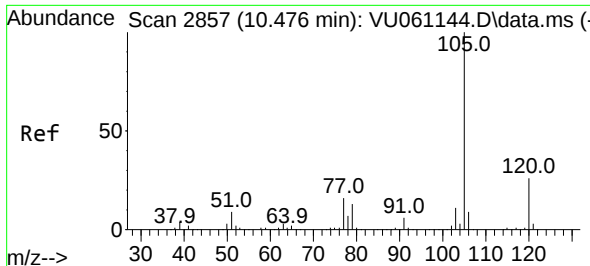
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.922 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:152 Resp: 13646
Ion Ratio Lower Upper
152 100
115 69.6 0.0 275.0
150 166.1 0.0 668.8





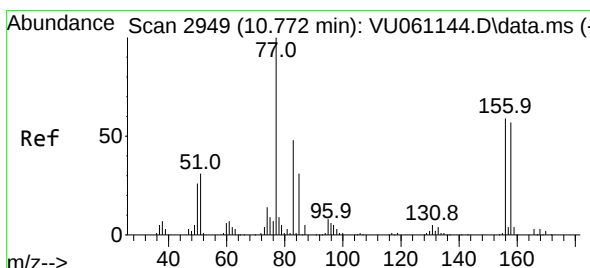
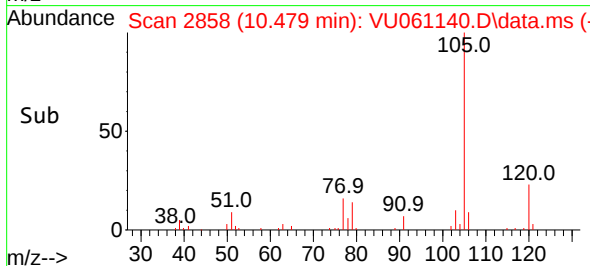
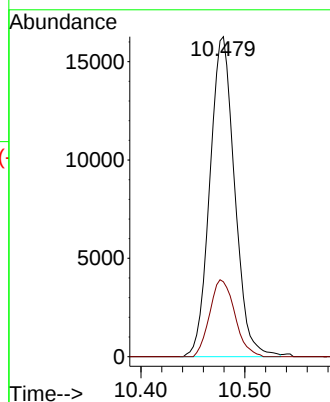
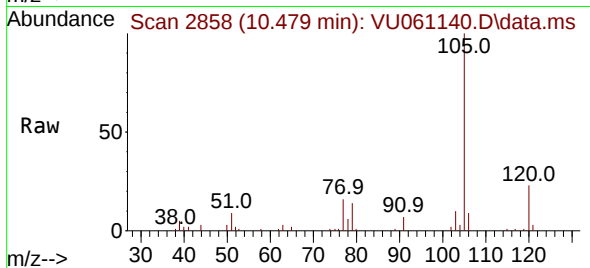
#69
Isopropylbenzene
Concen: 0.462 ug/l
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 2695
Ion Ratio Lower Upper
105 100
120 24.4 13.1 39.1

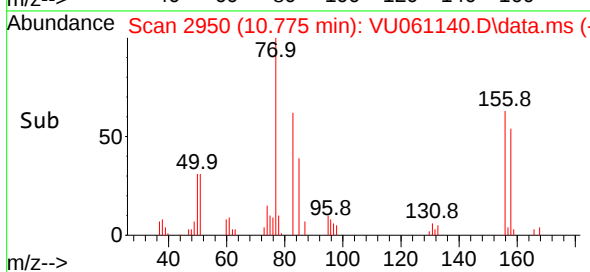
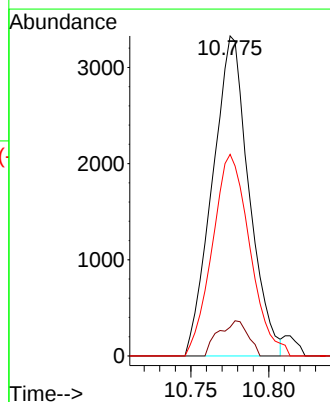
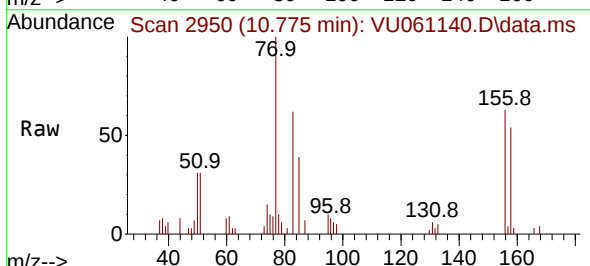
Manual Integrations
APPROVED

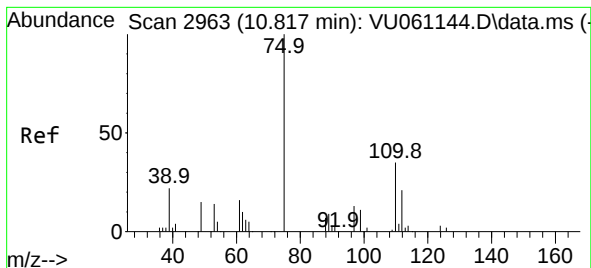
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.470 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion: 83 Resp: 5423
Ion Ratio Lower Upper
83 100
131 8.9 7.8 11.8
85 64.9 50.8 76.2





#71

1,2,3-Trichloropropane

Concen: 0.520 ug/l m

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

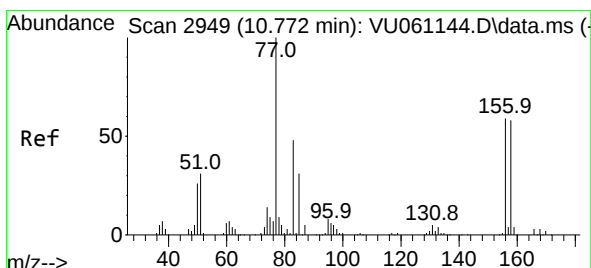
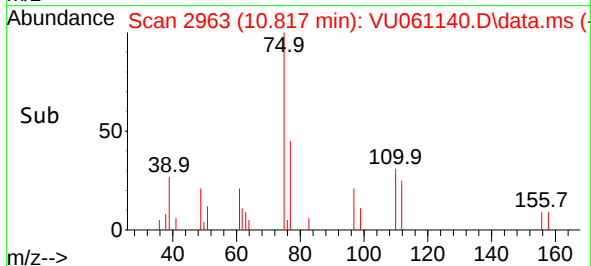
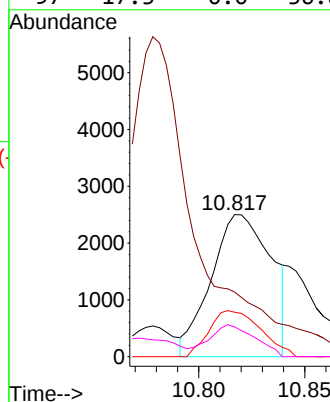
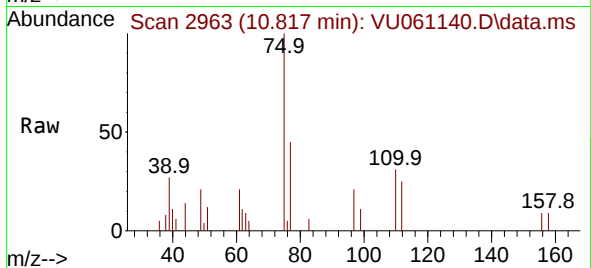
Tgt Ion: 75 Resp: 4920

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	27.9	0.0	68.6
97	17.3	0.0	36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#72

Bromobenzene

Concen: 0.468 ug/l

RT: 10.782 min Scan# 2952

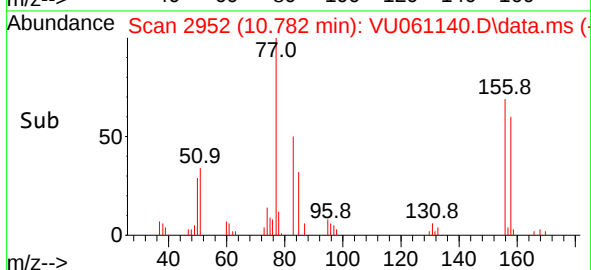
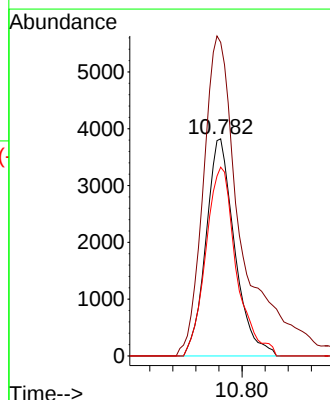
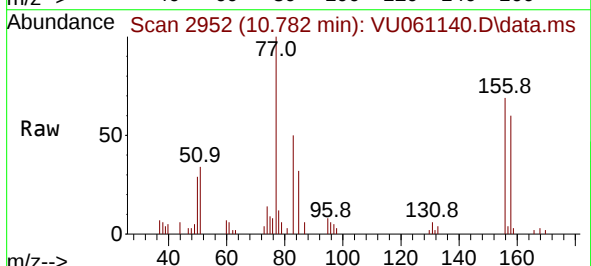
Delta R.T. 0.009 min

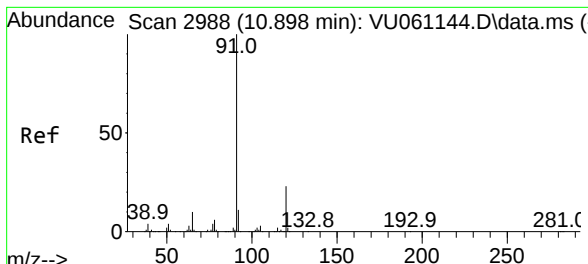
Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:156 Resp: 6561

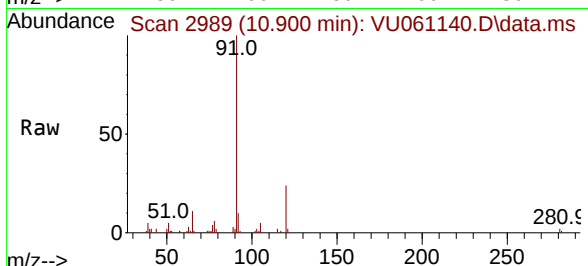
Ion	Ratio	Lower	Upper
156	100		
77	197.4	0.0	337.2
158	92.7	0.0	192.8





#73
n-propylbenzene
Concen: 0.444 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

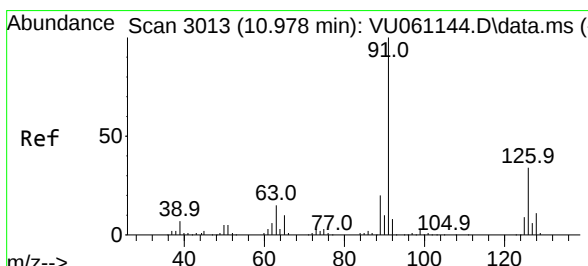
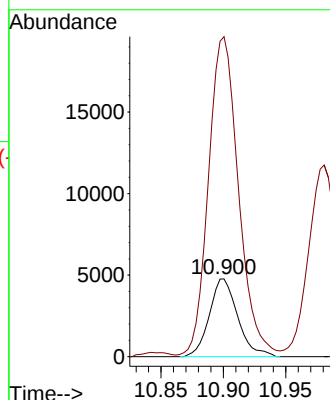
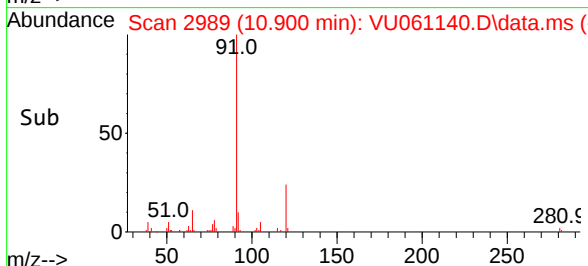
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:120 Resp: 7558
Ion Ratio Lower Upper
120 100
91 430.8 353.6 530.4

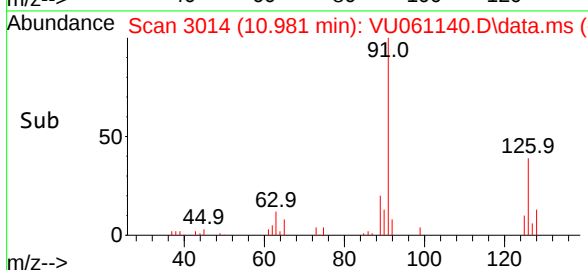
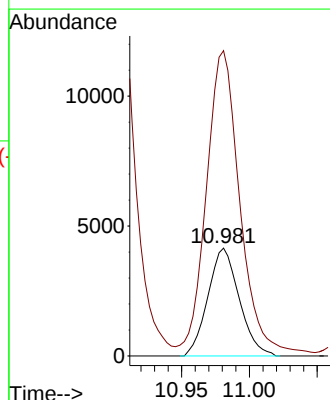
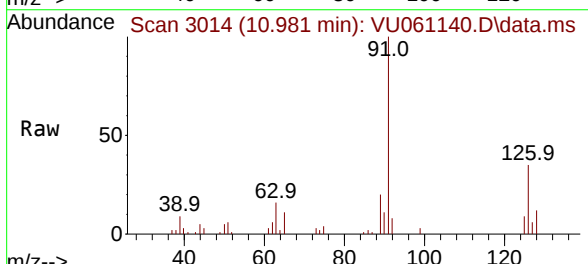
Manual Integrations
APPROVED

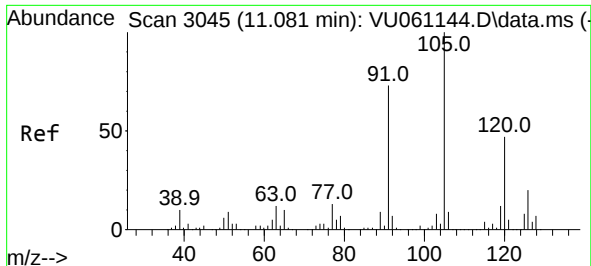
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#74
2-Chlorotoluene
Concen: 0.453 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:126 Resp: 6665
Ion Ratio Lower Upper
126 100
91 295.8 0.0 595.2





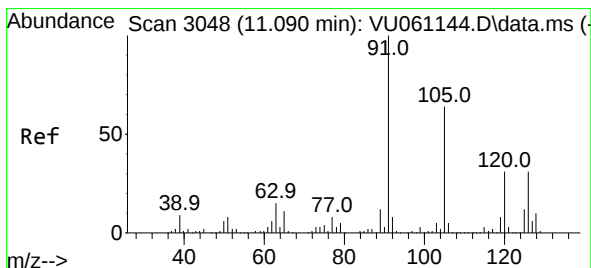
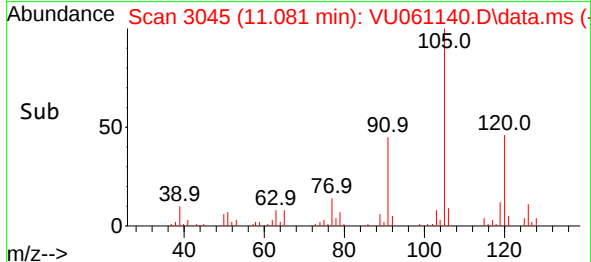
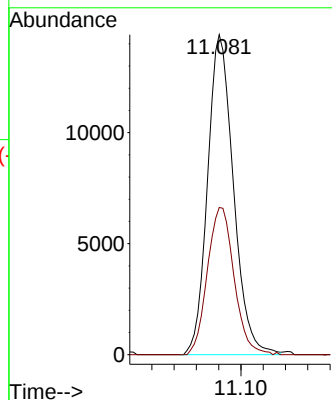
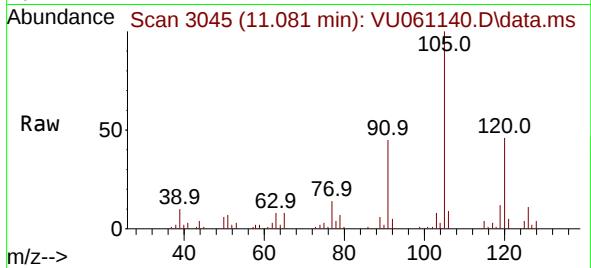
#75
1,3,5-Trimethylbenzene
Concen: 0.442 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 2322
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0

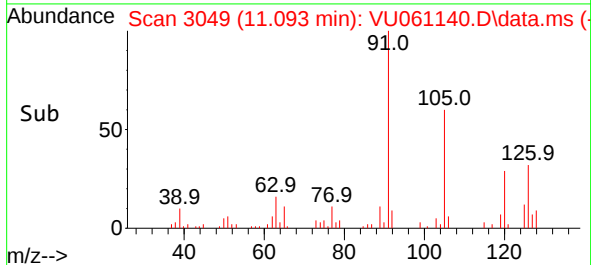
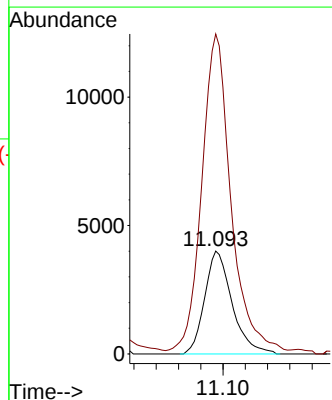
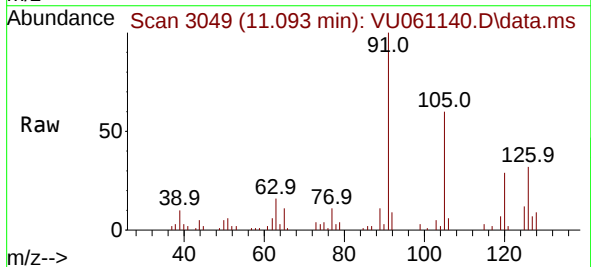
Manual Integrations
APPROVED

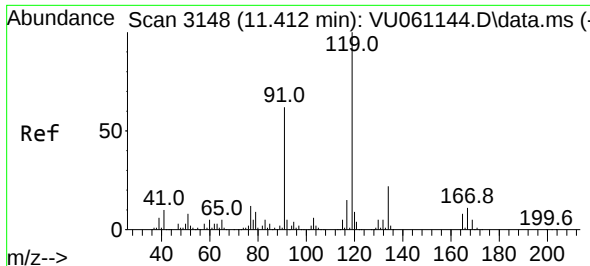
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#76
4-Chlorotoluene
Concen: 0.458 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

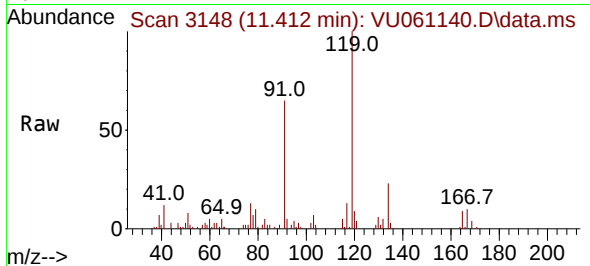
Tgt Ion:126 Resp: 6847
Ion Ratio Lower Upper
126 100
91 323.2 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.443 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

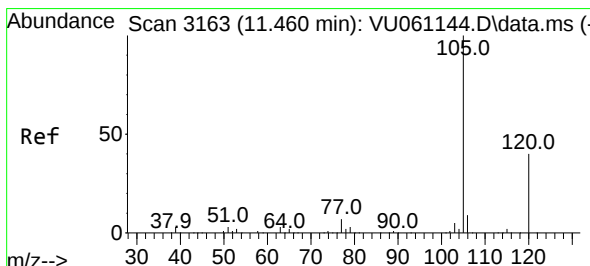
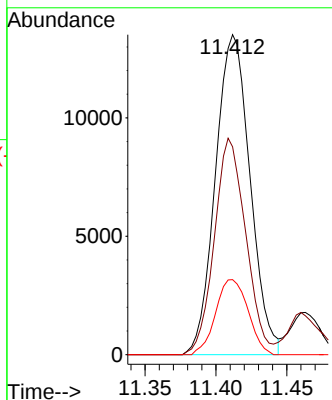
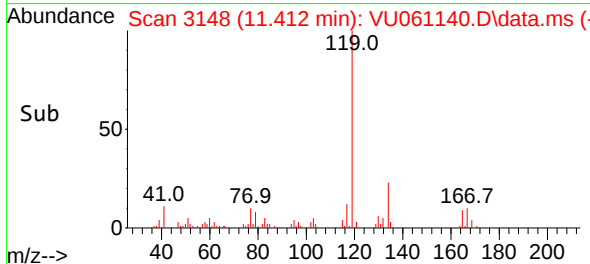
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:	119	Resp:	23019
Ion Ratio	Lower	Upper	
119	100		
91	61.4	30.1	90.5
134	22.0	17.5	26.3

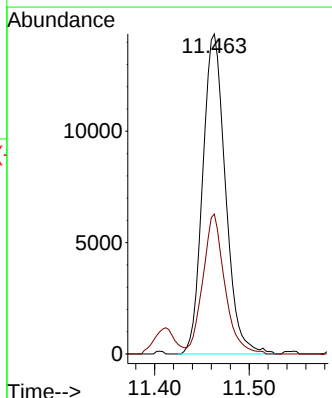
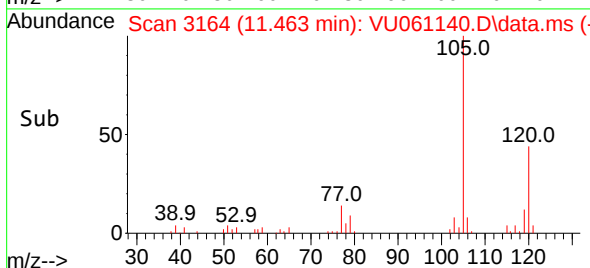
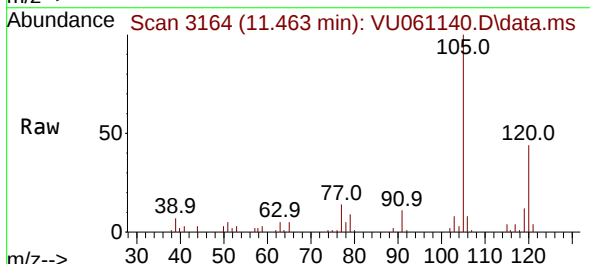
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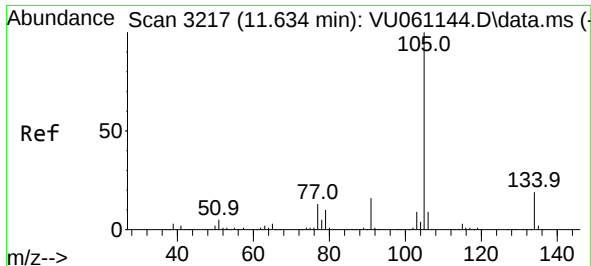
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.453 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Tgt Ion:	105	Resp:	24029
Ion Ratio	Lower	Upper	
105	100		
120	42.4	22.3	66.9





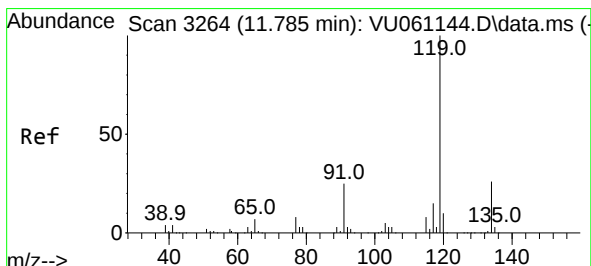
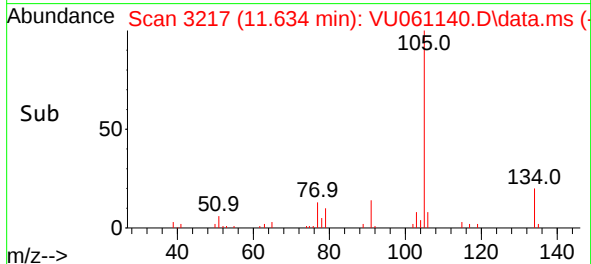
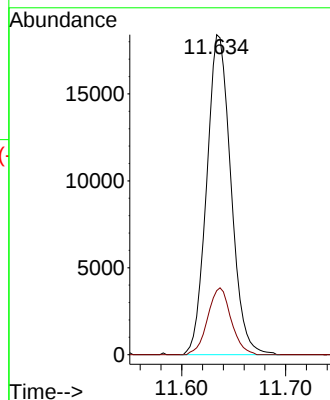
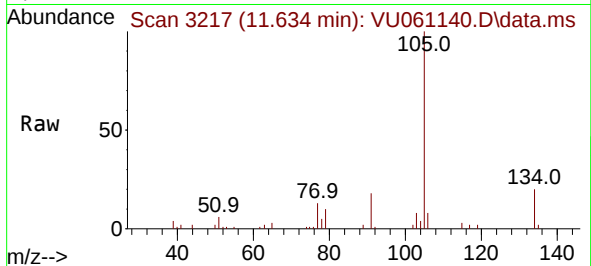
#79
 sec-Butylbenzene
 Concen: 0.439 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 29744
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.5 23.3

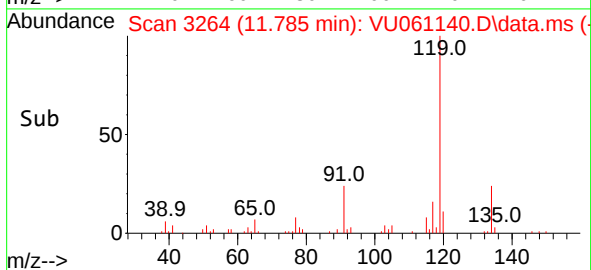
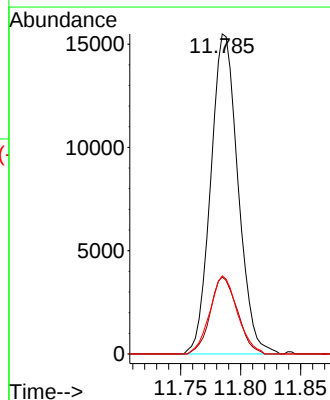
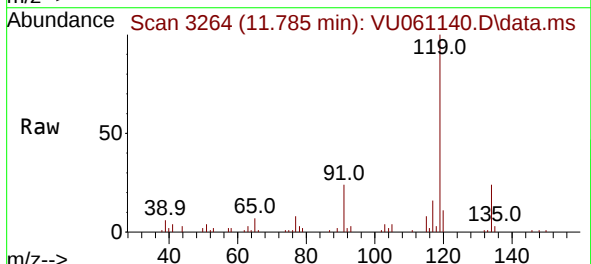
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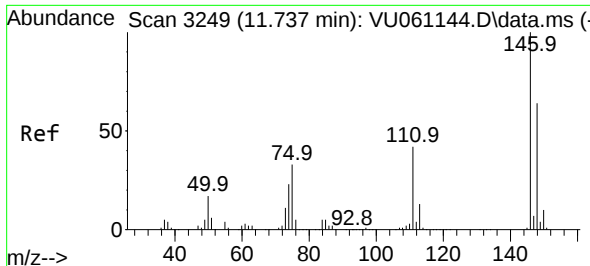
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#81
 p-Isopropyltoluene
 Concen: 0.437 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Tgt Ion:119 Resp: 24474
 Ion Ratio Lower Upper
 119 100
 134 23.8 21.0 31.6
 91 24.6 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.451 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

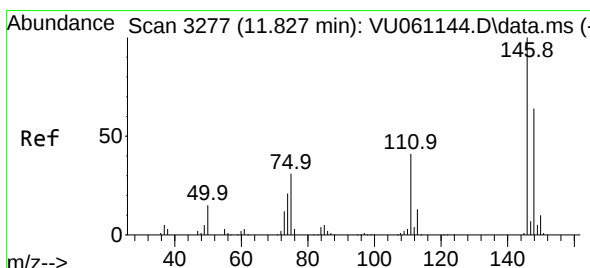
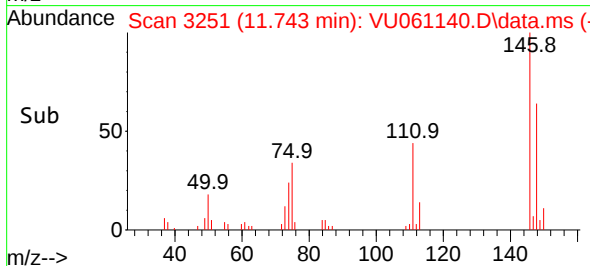
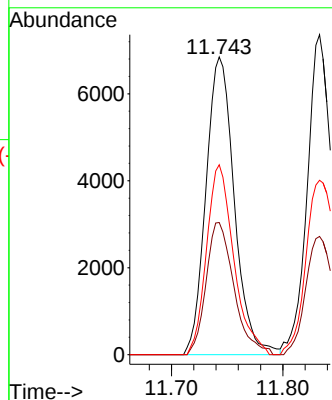
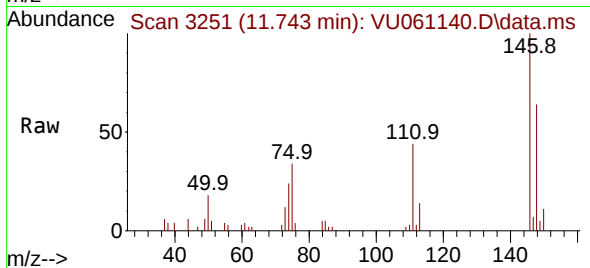
VSTDICC0.5

Tgt Ion:146	Resp:	12130
Ion Ratio	Lower	Upper
146	100	
111	43.6	34.1 51.1
148	61.2	51.2 76.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#83

1,4-Dichlorobenzene

Concen: 0.444 ug/l

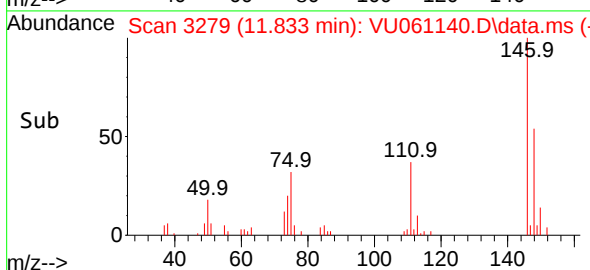
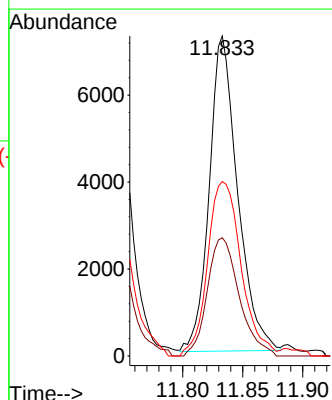
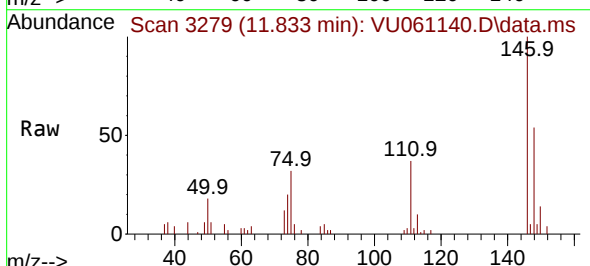
RT: 11.833 min Scan# 3279

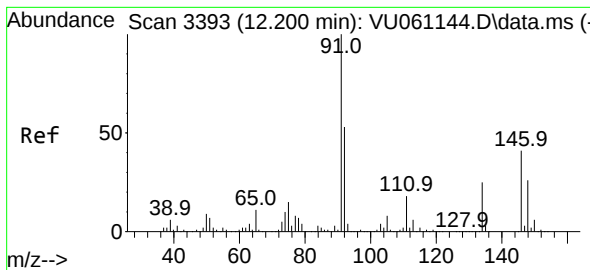
Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:146	Resp:	11913
Ion Ratio	Lower	Upper
146	100	
111	42.1	32.1 48.1
148	65.4	50.3 75.5





#84

n-Butylbenzene

Concen: 0.435 ug/l

RT: 12.203 min Scan# 3393

Delta R.T. 0.003 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

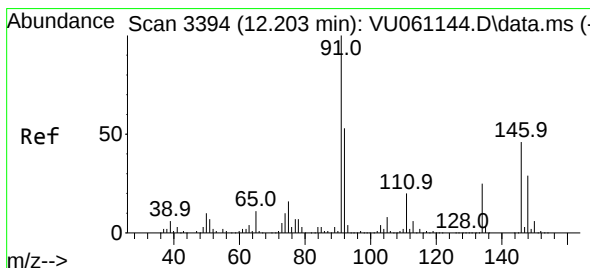
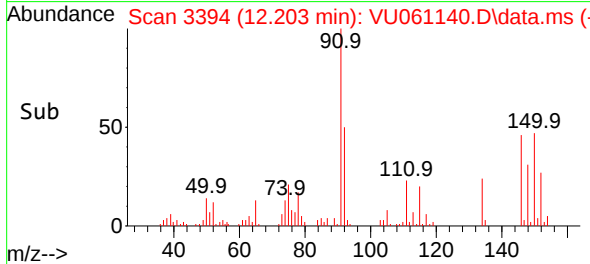
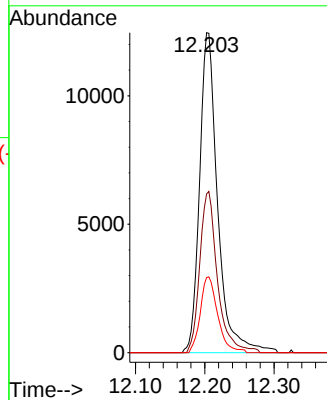
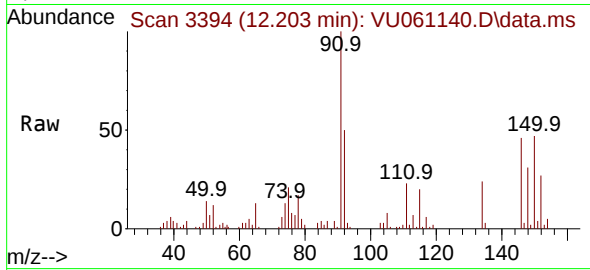
VSTDIC0.5

Tgt Ion: 91	Resp: 2259
Ion Ratio	Lower Upper
91	100
92	49.4 41.8 62.8
134	22.8 19.7 29.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#85

1,2-Dichlorobenzene

Concen: 0.456 ug/l

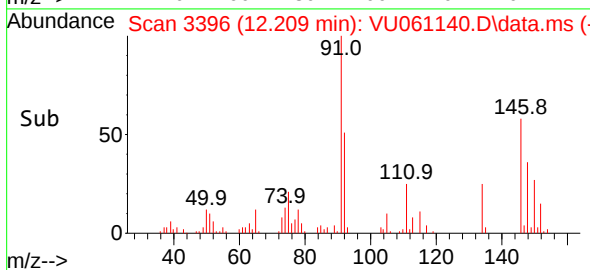
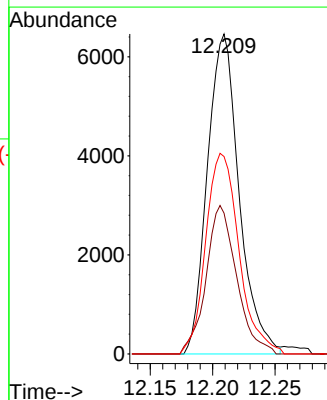
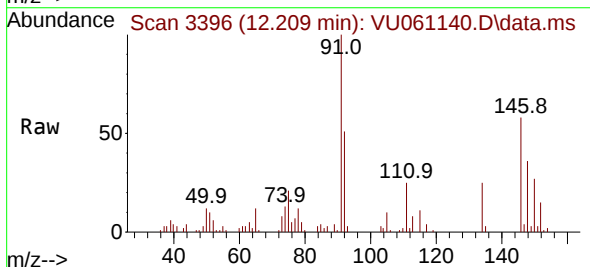
RT: 12.209 min Scan# 3396

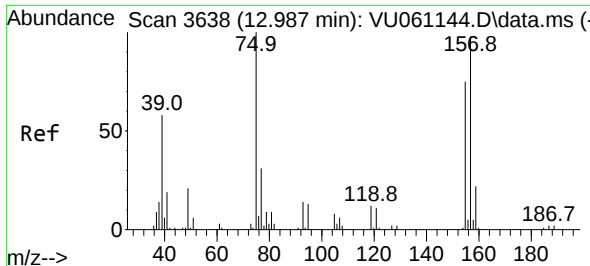
Delta R.T. 0.006 min

Lab File: VU061140.D

Acq: 17 Oct 2024 11:24

Tgt Ion:146	Resp: 11466
Ion Ratio	Lower Upper
146	100
111	44.6 21.9 65.7
148	65.6 31.9 95.5





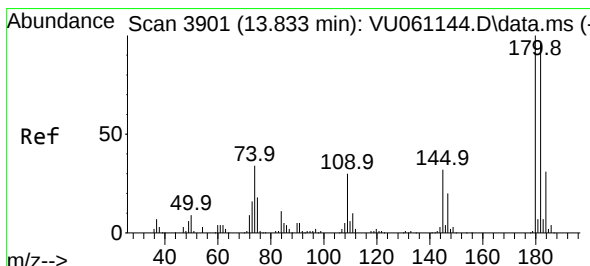
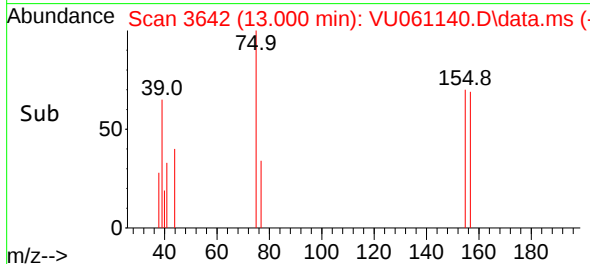
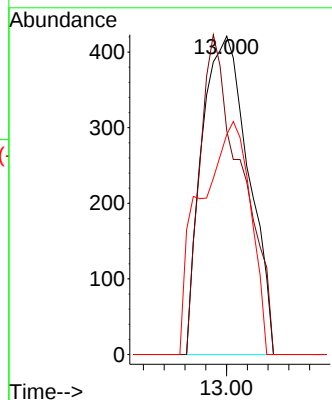
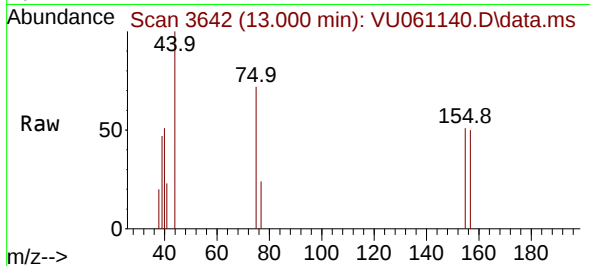
#86
1,2-Dibromo-3-Chloropropane
Concen: 0.383 ug/l
RT: 13.000 min Scan# 3638
Delta R.T. 0.013 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
155 89.6 61.4 92.0
157 78.7 78.5 117.7

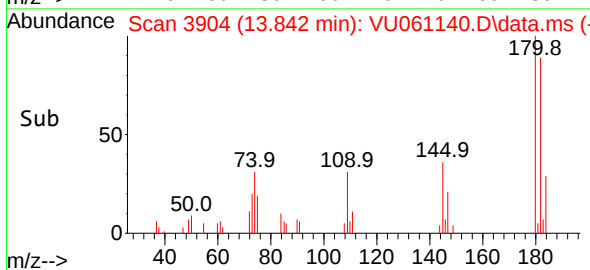
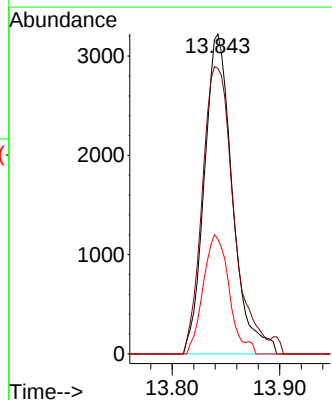
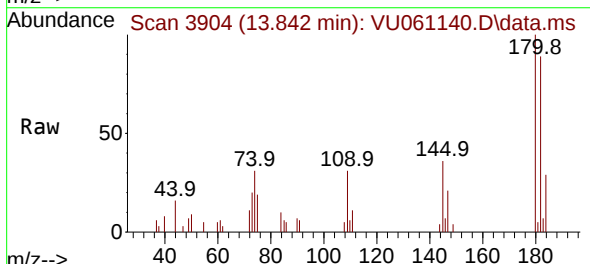
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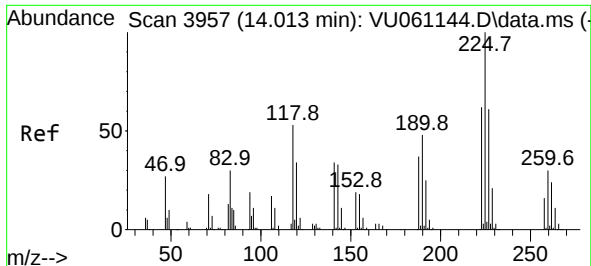
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.407 ug/l
RT: 13.842 min Scan# 3904
Delta R.T. 0.009 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

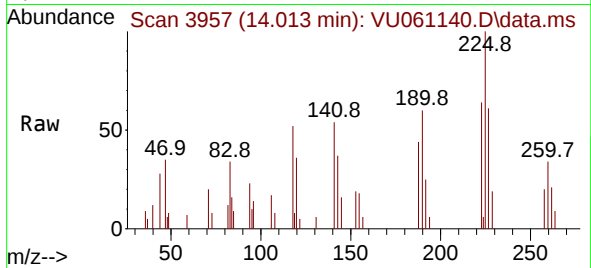
Tgt Ion:180 Resp: 5849
Ion Ratio Lower Upper
180 100
182 100.3 77.0 115.6
145 34.3 25.7 38.5





#88
Hexachlorobutadiene
Concen: 0.431 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24

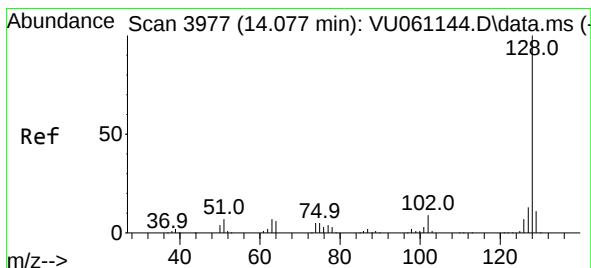
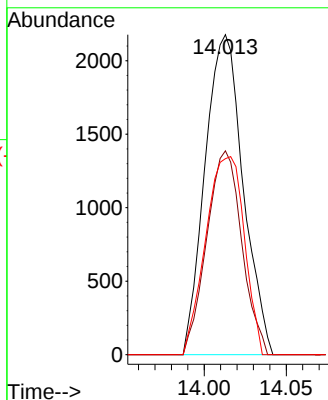
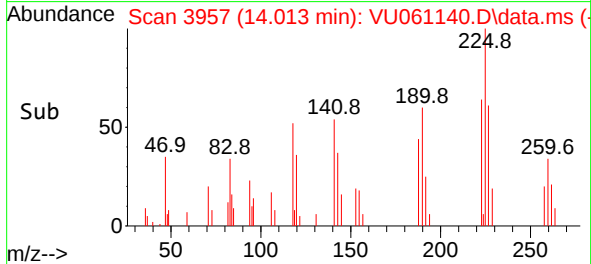
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



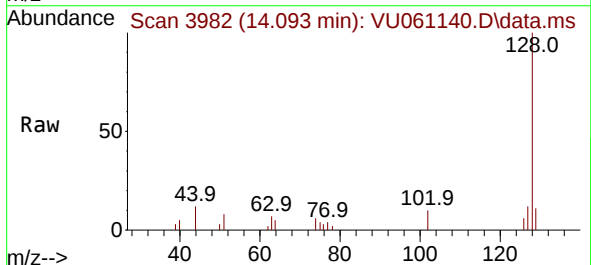
Tgt Ion:225 Resp: 350
Ion Ratio Lower Upper
225 100
223 58.8 51.4 77.2
227 62.6 50.3 75.5

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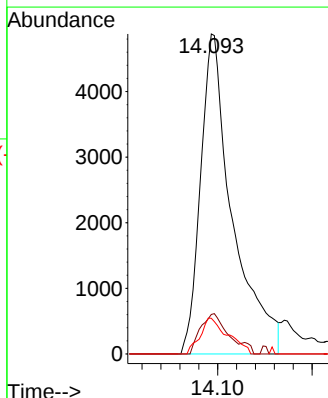
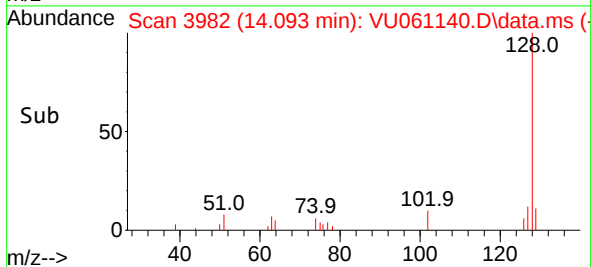
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

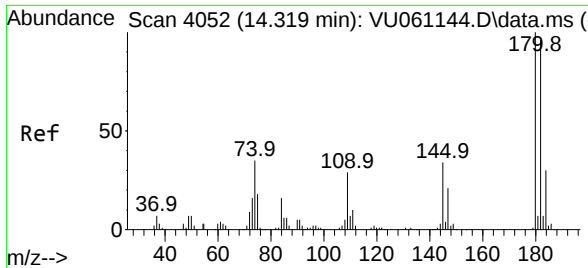


#89
Naphthalene
Concen: 0.449 ug/l
RT: 14.093 min Scan# 3982
Delta R.T. 0.016 min
Lab File: VU061140.D
Acq: 17 Oct 2024 11:24



Tgt Ion:128 Resp: 11394
Ion Ratio Lower Upper
128 100
127 10.2 10.6 16.0#
129 9.8 8.7 13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.417 ug/l
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.006 min
 Lab File: VU061140.D
 Acq: 17 Oct 2024 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180	Resp:	539
Ion Ratio	Lower	Upper
180	100	
182	101.2	76.2 114.4
145	35.3	26.8 40.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

