

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061142.D
 Acq On : 17 Oct 2024 12:12
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:34:33 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	6.110	96	27862	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15027	1.015	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14882	1.020	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	30369	1.979	ug/l	97
3) Chloromethane	1.518	50	29561	2.025	ug/l	99
4) Vinyl Chloride	1.602	62	30277	2.019	ug/l	99
5) Bromomethane	1.856	94	19208	2.039	ug/l	96
6) Chloroethane	1.930	64	20249	2.015	ug/l	98
7) Trichlorofluoromethane	2.132	101	40647	1.906	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	20854	1.966	ug/l	96
9) 1,1-Dichloroethene	2.576	96	22479	2.033	ug/l	97
10) Iodomethane	2.718	142	22948	2.129	ug/l	98
11) Allyl Chloride	2.917	41	27998	1.966	ug/l	96
12) Acrylonitrile	3.332	53	8932m	4.016	ug/l	
13) Acetone	2.650	43	27398	9.448	ug/l	99
14) Carbon Disulfide	2.788	76	77220	2.027	ug/l	100
15) Methylene Chloride	3.039	84	26990	1.887	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	25209	1.945	ug/l	98
17) 1,1-Dichloroethane	3.859	63	46628	2.028	ug/l	99
18) 2-Butanone	4.717	43	31956	9.259	ug/l	94
19) Cyclohexane	5.377	56	41308m	2.006	ug/l	
20) Methylcyclohexane	6.756	83	45924	2.000	ug/l	98
21) 2,2-Dichloropropane	4.653	77	41669	1.965	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	27663	1.959	ug/l	97
23) Diethyl Ether	2.374	59	17206	2.003	ug/l	97
24) tert-Butyl Alcohol	3.248	59	15558m	17.396	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	58211	1.966	ug/l	96
26) Bromochloromethane	4.968	128	12295	2.082	ug/l	95
27) Chloroform	5.078	83	48130	1.997	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	42676	2.008	ug/l	99
29) 1,1-Dichloropropene	5.518	75	37314	1.986	ug/l	99
30) Carbon Tetrachloride	5.518	117	35842	1.944	ug/l	100
31) Isopropyl Ether	3.984	45	65963	2.011	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	65347	1.938	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	58894	1.941	ug/l	97
34) Propionitrile	4.801	54	8863m	10.379	ug/l	
35) Benzene	5.766	78	106834	2.020	ug/l	99
36) 1,2-Dichloroethane	5.788	62	29897	2.002	ug/l	97
37) Trichloroethene	6.537	130	28782	2.039	ug/l	91
38) 1,2-Dichloropropane	6.782	63	26727	1.995	ug/l	100
39) Methacrylonitrile	4.984	41	6131	2.010	ug/l	# 85
40) Methyl acrylate	4.862	55	13379m	2.182	ug/l	
41) Tetrahydrofuran	5.065	42	7639m	4.214	ug/l	
42) 1-Chlorobutane	5.451	56	47005	1.951	ug/l	98
43) Dibromomethane	6.914	93	13927	2.005	ug/l	98
44) Bromodichloromethane	7.100	83	33760	1.999	ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	69615	9.984	ug/l	99
46) t-1,4-Dichloro-2-butene	10.830	75	10161m	3.522	ug/l	
47) Methyl methacrylate	6.959	69	23779	3.939	ug/l	97
48) Ethyl methacrylate	8.328	69	25849	2.008	ug/l	99
49) Toluene	7.962	92	67504	2.020	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	31154	1.913	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	38666	1.935	ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	18850	2.012	ug/l	98
53) 1,3-Dichloropropane	8.566	76	33346	2.027	ug/l	100
54) 2-Hexanone	8.682	43	54512	9.517	ug/l	100
55) Dibromochloromethane	8.801	129	21423	1.937	ug/l	97
56) 1,2-Dibromoethane	8.917	107	18201	2.025	ug/l	97
58) Tetrachloroethene	8.547	164	24002	2.005	ug/l	96
59) Chlorobenzene	9.441	112	71646	1.991	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	23619	1.945	ug/l	98
61) Pentachloroethane	11.418	117	18050	1.943	ug/l	98
62) Hexachloroethane	12.466	117	18132	1.894	ug/l	96
63) Ethyl Benzene	9.563	91	126662	1.964	ug/l	99
64) m/p-Xylenes	9.685	106	96582	3.936	ug/l	97
65) o-Xylene	10.093	106	47867	1.980	ug/l	96
66) Styrene	10.110	104	73754	1.962	ug/l	100
67) Bromoform	10.283	173	11224	1.938	ug/l	99
69) Isopropylbenzene	10.476	105	111910	1.946	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	22114	1.944	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	18197m	1.947	ug/l	
72) Bromobenzene	10.775	156	26715	1.932	ug/l	98
73) n-propylbenzene	10.897	120	32478	1.936	ug/l	100
74) 2-Chlorotoluene	10.978	126	28214	1.944	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	100582	1.940	ug/l	100
76) 4-Chlorotoluene	11.090	126	28879	1.958	ug/l	99
77) tert-Butylbenzene	11.412	119	100077	1.953	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	100083	1.912	ug/l	100
79) sec-Butylbenzene	11.634	105	130197	1.951	ug/l	100
80) Nitrobenzene	13.219	77	2137m	10.007	ug/l	
81) p-Isopropyltoluene	11.785	119	107317	1.942	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	52203	1.968	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	52165	1.972	ug/l	99
84) n-Butylbenzene	12.200	91	97800	1.908	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	48586	1.959	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	3126	1.852	ug/l	92
87) 1,2,4-Trichlorobenzene	13.836	180	26261	1.852	ug/l	99
88) Hexachlorobutadiene	14.010	225	15637	1.950	ug/l	96
89) Naphthalene	14.084	128	44556	1.780	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	23414	1.838	ug/l	98

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

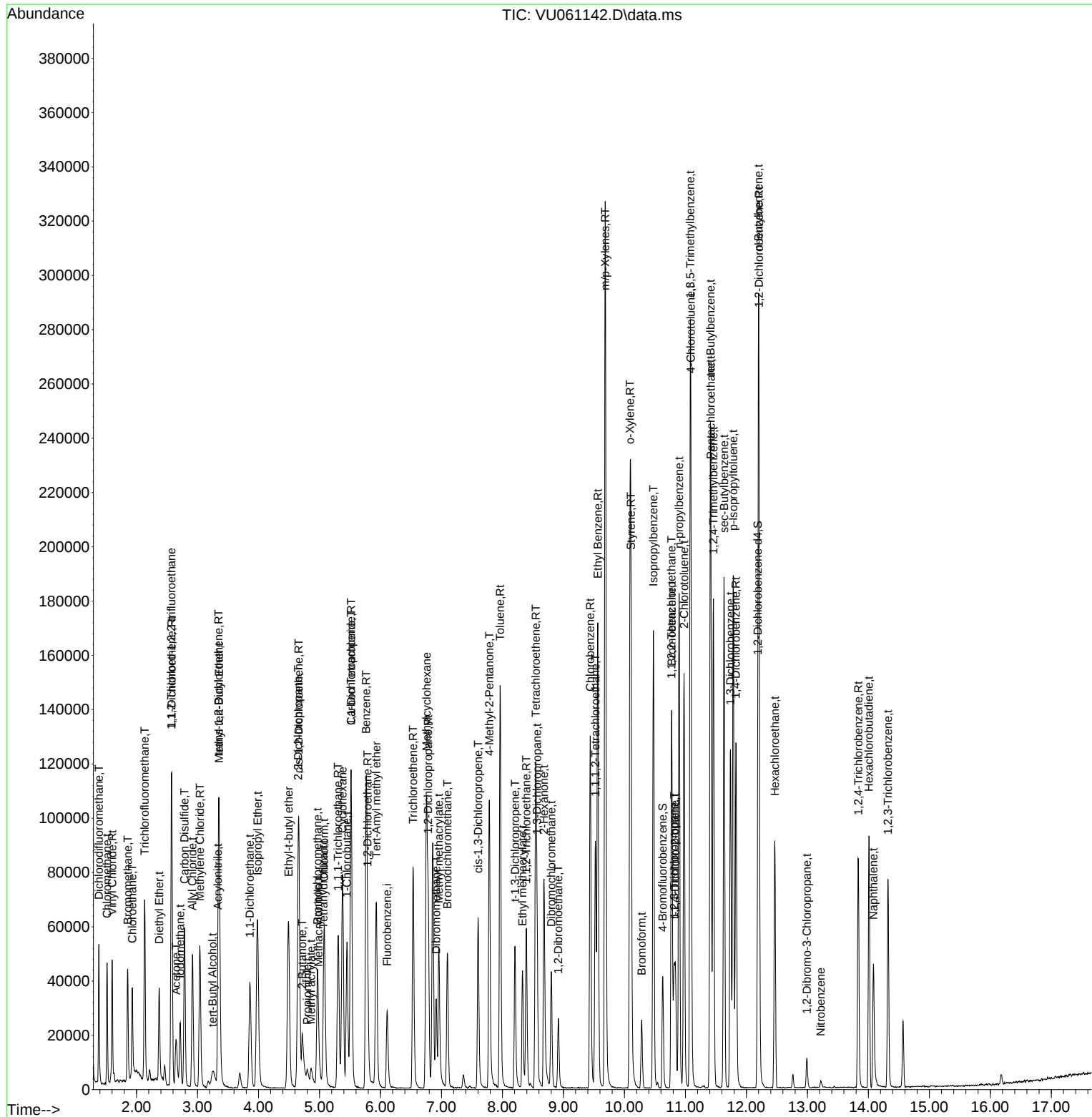
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Data File : VU061142.D
Acq On : 17 Oct 2024 12:12
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ALS Vial : 5 Sample Multiplier: 1

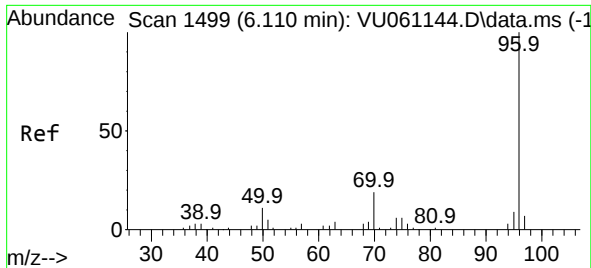
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/21/2024

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 02:32:42 2024
Response via : Initial Calibration





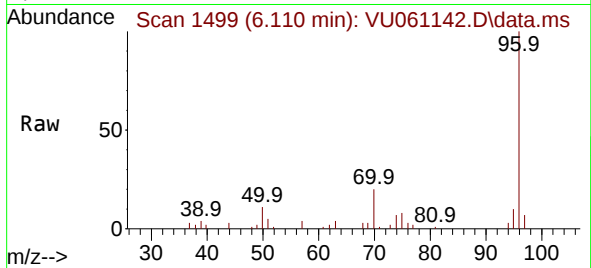
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

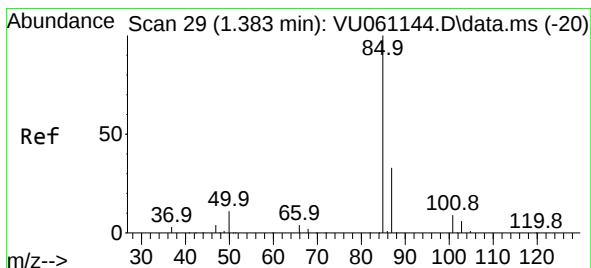
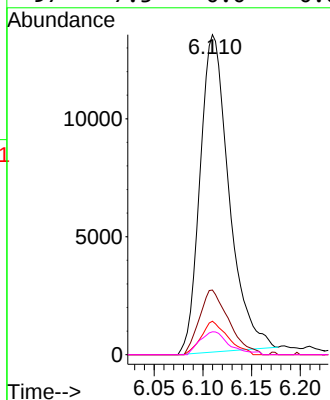
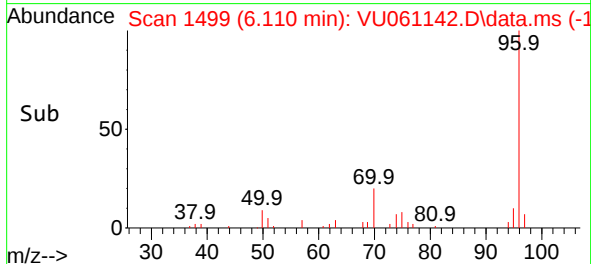


Tgt Ion: 96 Resp: 27862
Ion Ratio Lower Upper
96 100
70 20.6 16.1 24.1
95 9.7 0.0 0.0
97 7.3 0.0 0.0

Manual Integrations

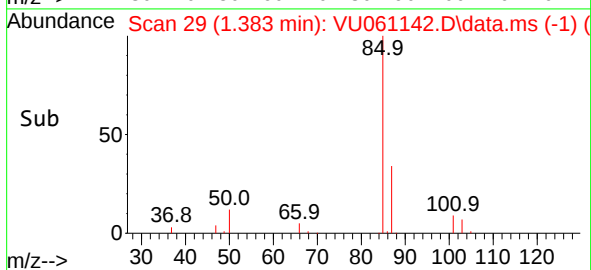
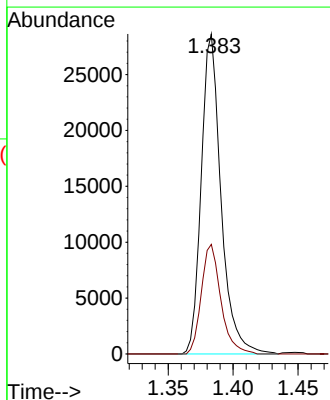
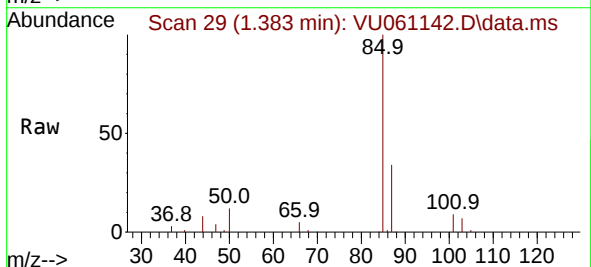
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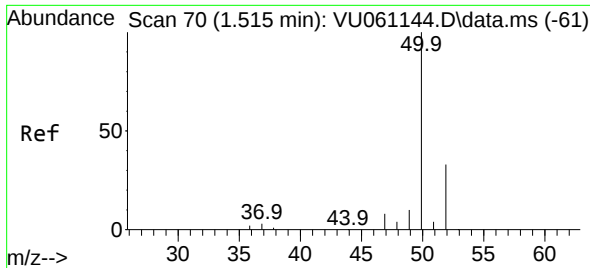
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#2
Dichlorodifluoromethane
Concen: 1.979 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 85 Resp: 30369
Ion Ratio Lower Upper
85 100
87 34.3 16.3 48.9





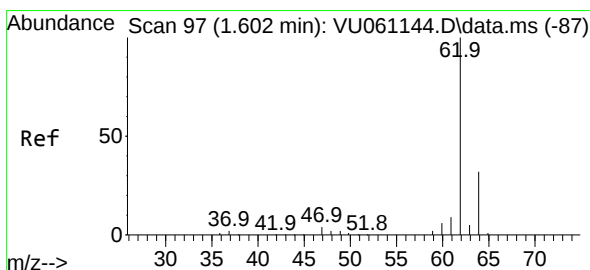
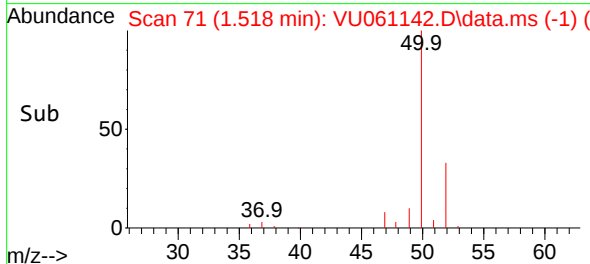
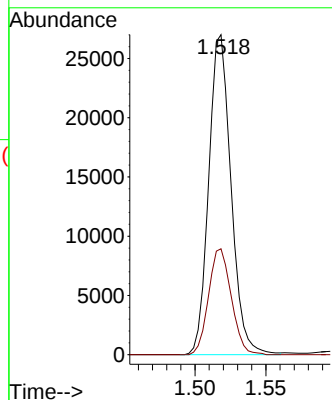
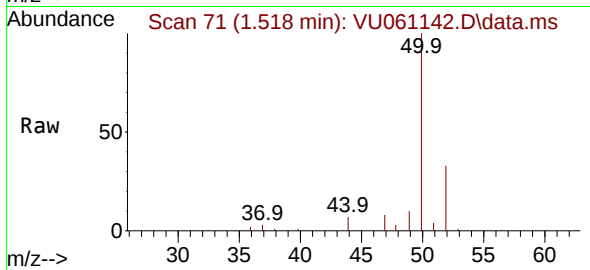
#3
Chloromethane
Concen: 2.025 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 50 Resp: 2956
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

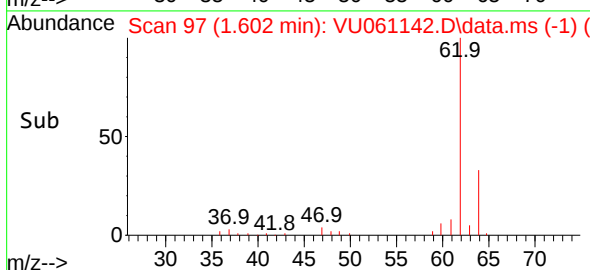
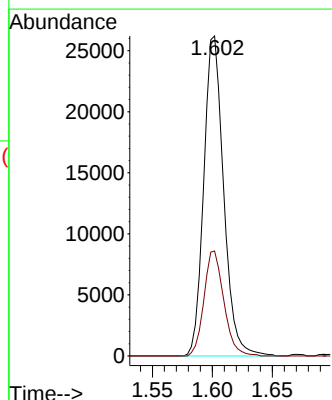
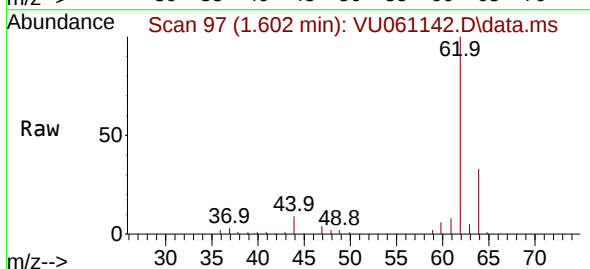
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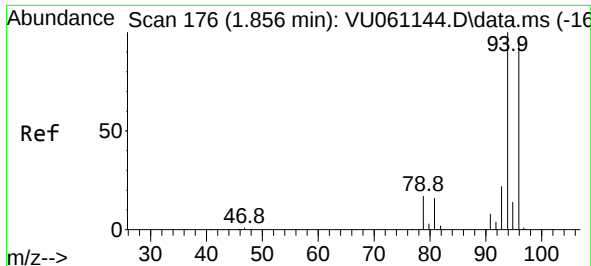
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#4
Vinyl Chloride
Concen: 2.019 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

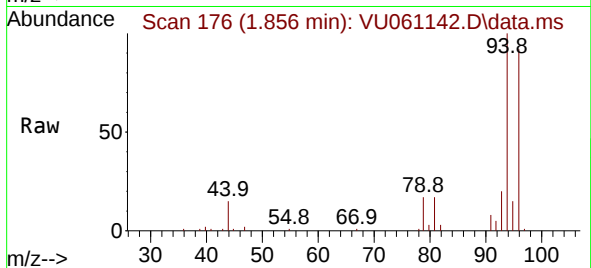
Tgt Ion: 62 Resp: 30277
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9





#5
Bromomethane
Concen: 2.039 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

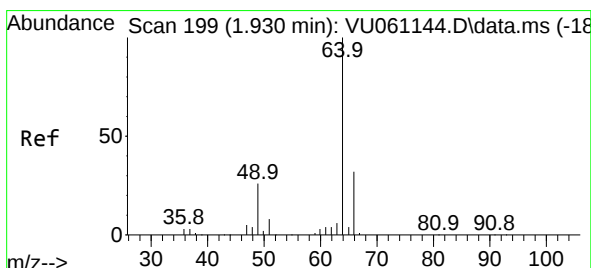
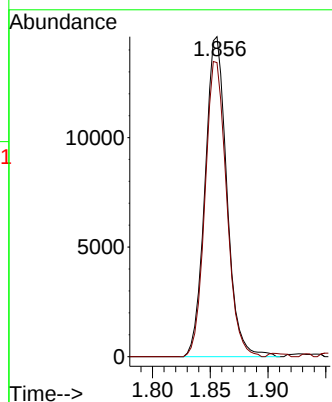
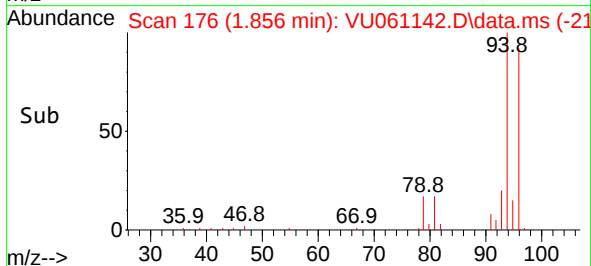
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 94 Resp: 19208
Ion Ratio Lower Upper
94 100
96 91.9 76.5 114.7

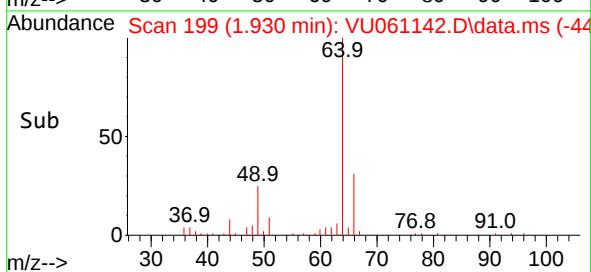
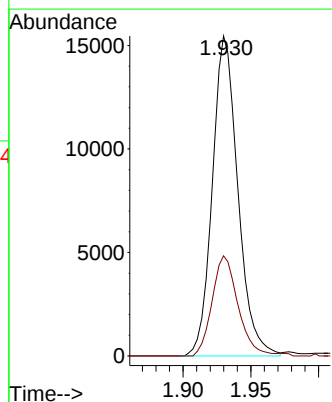
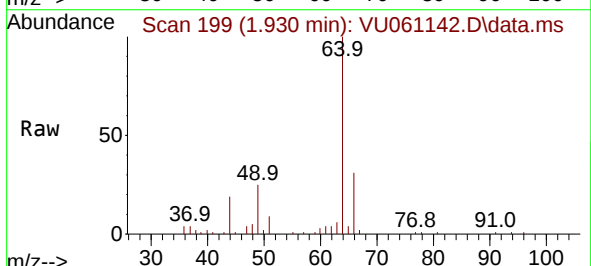
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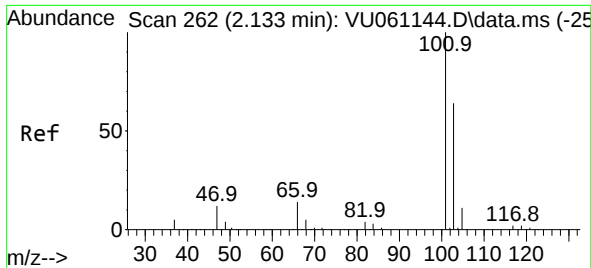
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#6
Chloroethane
Concen: 2.015 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

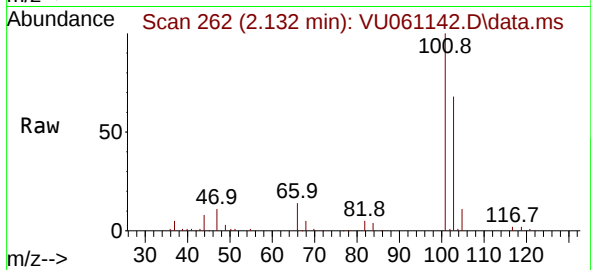
Tgt Ion: 64 Resp: 20249
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.8





#7
Trichlorofluoromethane
Concen: 1.906 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

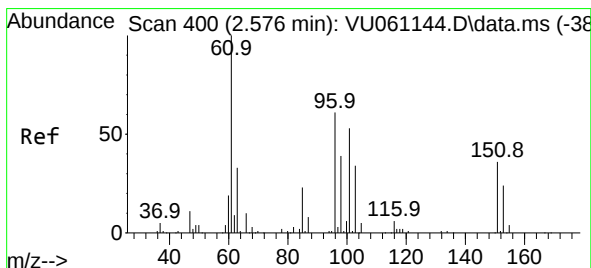
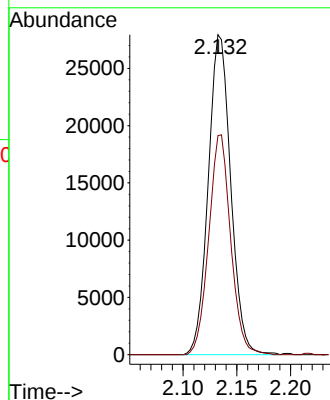
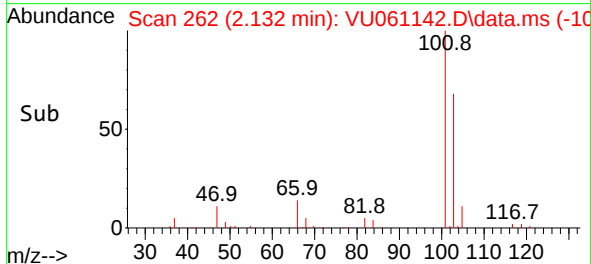
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



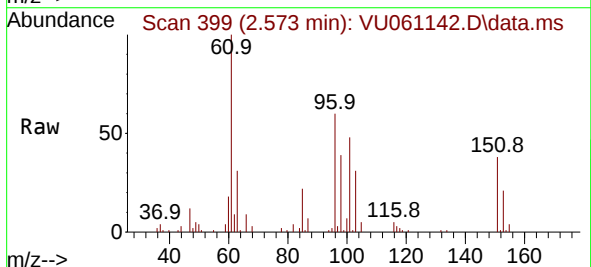
Tgt Ion:101 Resp: 4064
Ion Ratio Lower Upper
101 100
103 68.5 51.5 77.3

Manual Integrations
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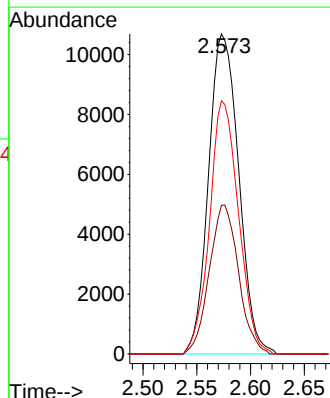
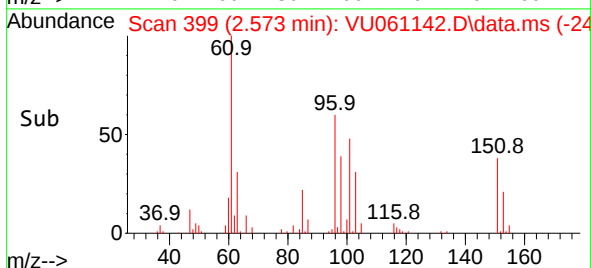
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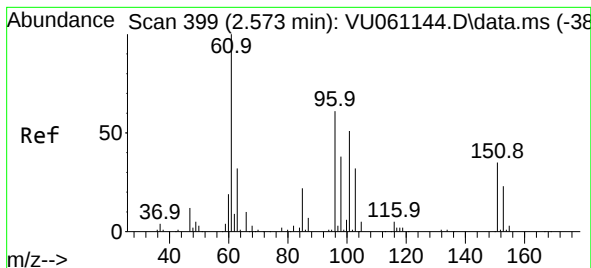


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.966 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion:101 Resp: 20854
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.8
151 76.0 56.2 84.4





#9

1,1-Dichloroethene

Concen: 2.033 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

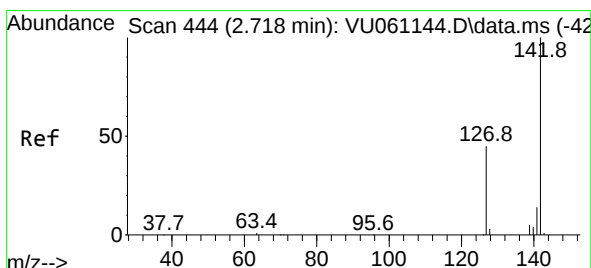
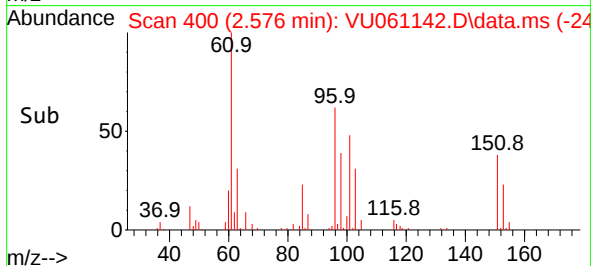
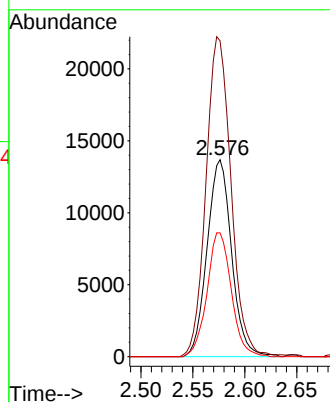
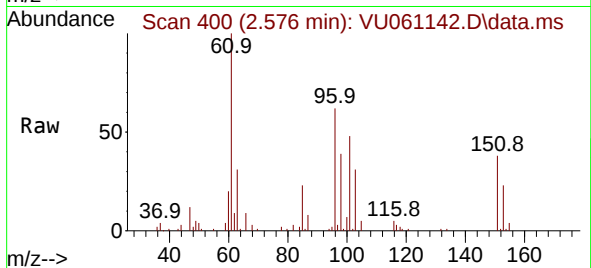
VSTDICC002

Tgt Ion:	96	Resp:	22479
Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	494.4
98	62.9	0.0	124.4

Manual Integrations

APPROVED

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



#10

Iodomethane

Concen: 2.129 ug/l

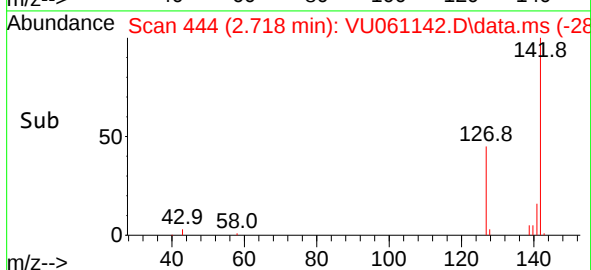
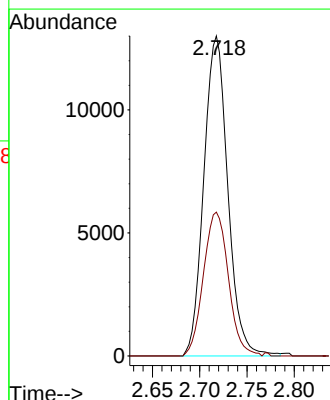
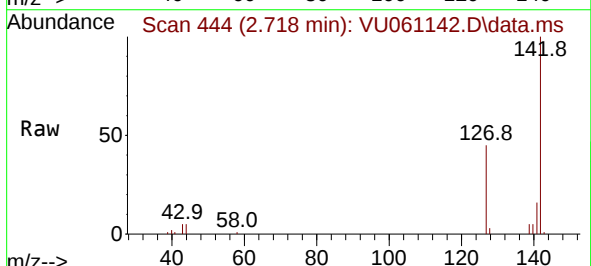
RT: 2.718 min Scan# 444

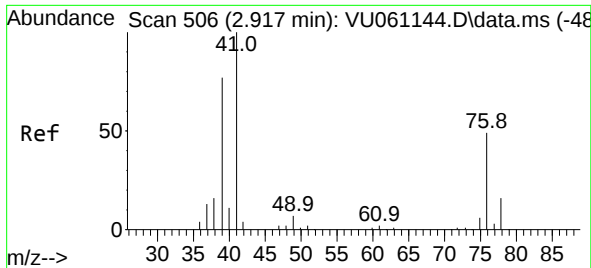
Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

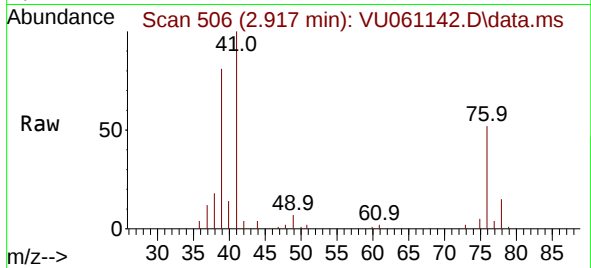
Tgt Ion:	142	Resp:	22948
Ion	Ratio	Lower	Upper
142	100		
127	46.9	36.2	54.4





#11
 Allyl Chloride
 Concen: 1.966 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

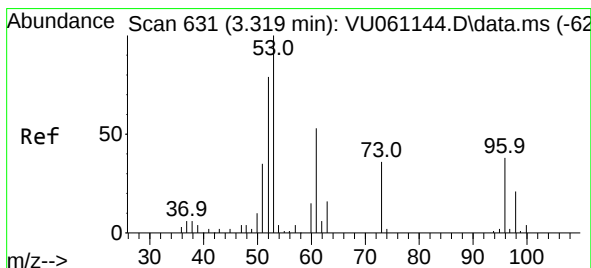
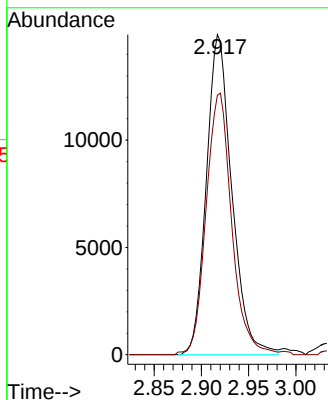
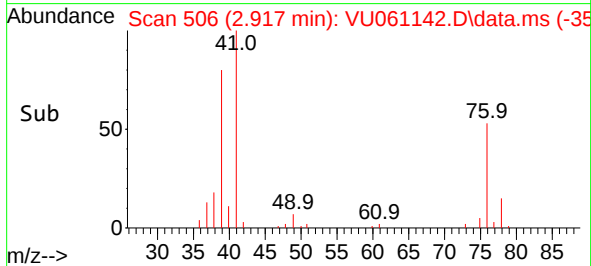
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



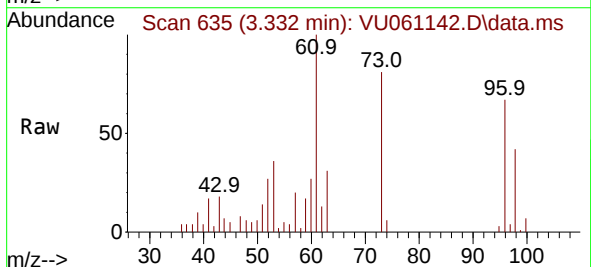
Tgt Ion: 41 Resp: 27998
 Ion Ratio Lower Upper
 41 100
 39 81.9 62.4 93.6

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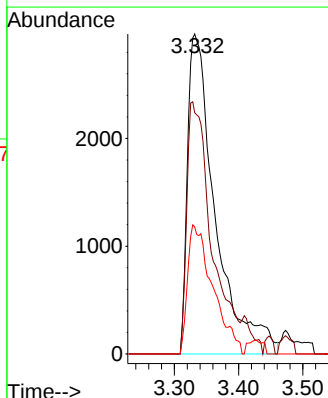
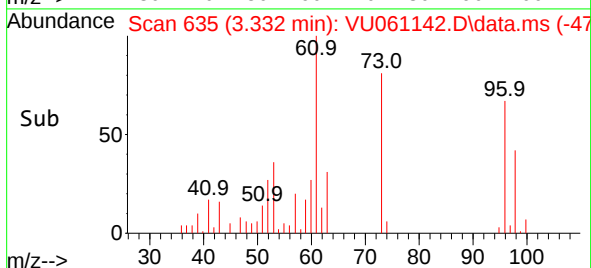
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

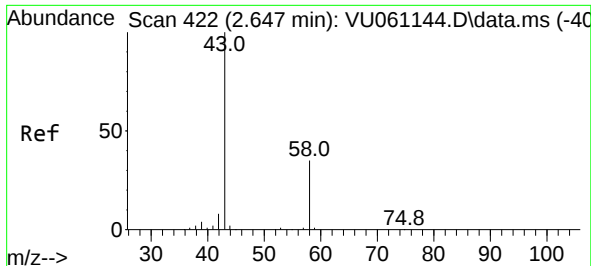


#12
 Acrylonitrile
 Concen: 4.016 ug/l m
 RT: 3.332 min Scan# 635
 Delta R.T. 0.013 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12



Tgt Ion: 53 Resp: 8932
 Ion Ratio Lower Upper
 53 100
 52 69.7 62.6 94.0
 51 36.5 30.7 46.1





#13

Acetone

Concen: 9.448 ug/l

RT: 2.650 min Scan# 422

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 27398

Ion Ratio Lower Upper

43 100

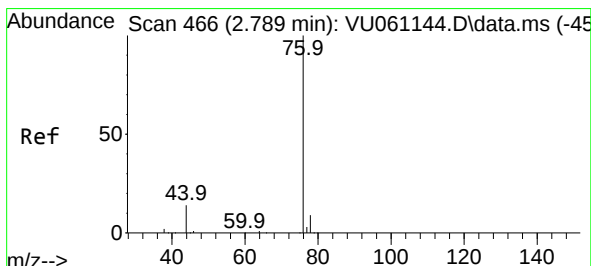
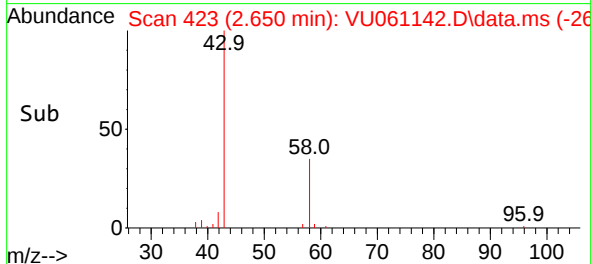
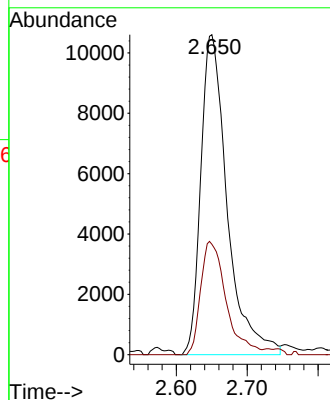
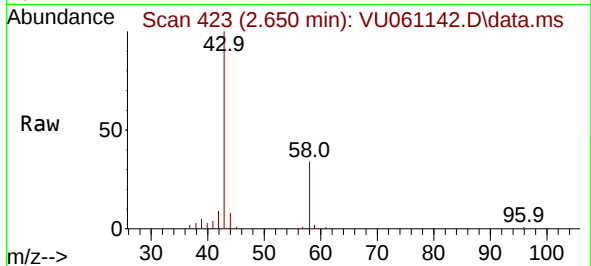
58 34.5 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#14

Carbon Disulfide

Concen: 2.027 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061142.D

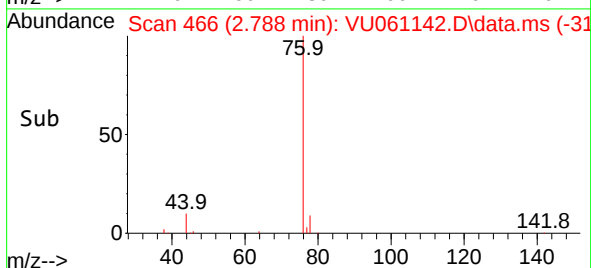
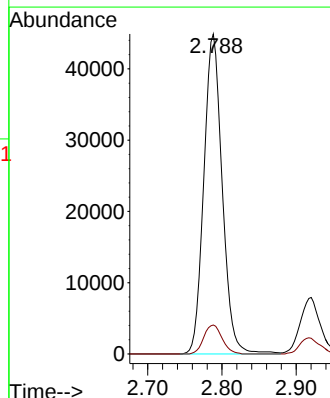
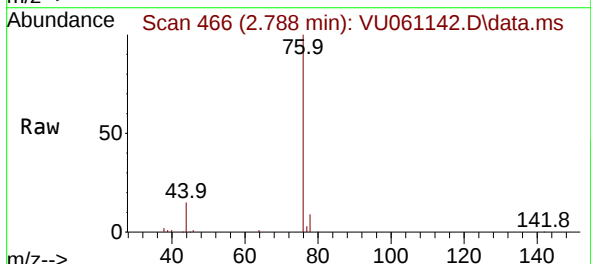
Acq: 17 Oct 2024 12:12

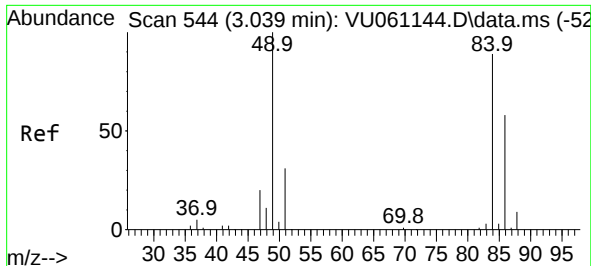
Tgt Ion: 76 Resp: 77220

Ion Ratio Lower Upper

76 100

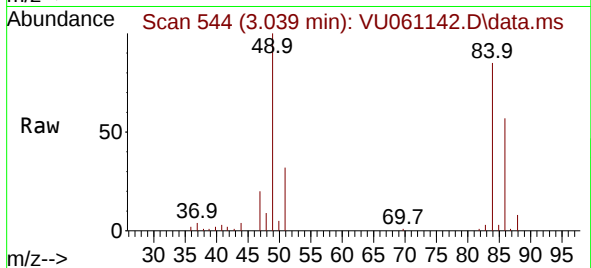
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 1.887 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

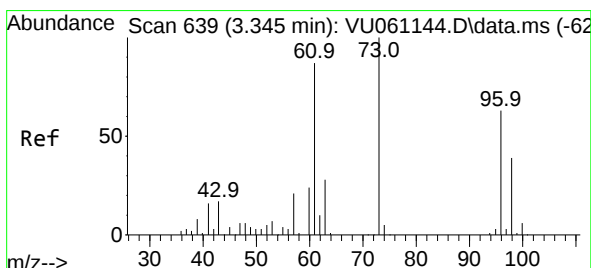
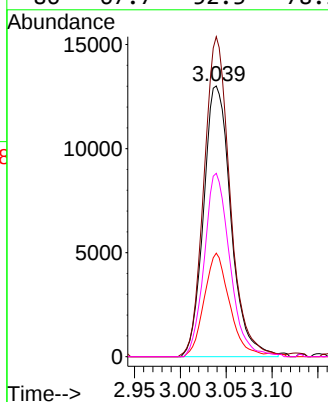
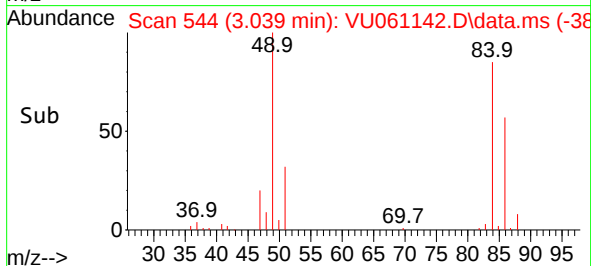
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 84 Resp: 26990
Ion Ratio Lower Upper
84 100
49 118.2 90.4 135.6
51 38.2 0.0 70.6
86 67.7 52.3 78.5

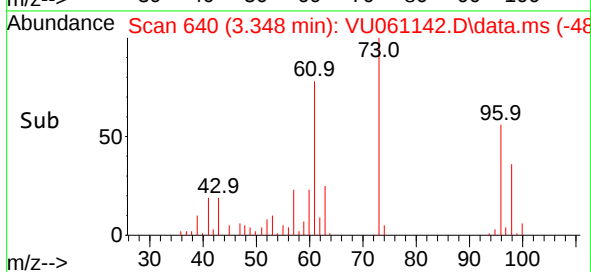
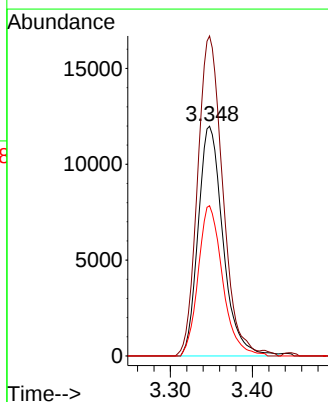
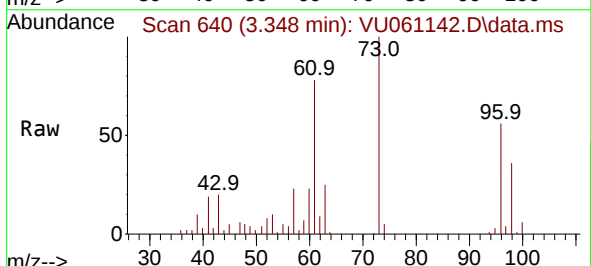
Manual Integrations
APPROVED

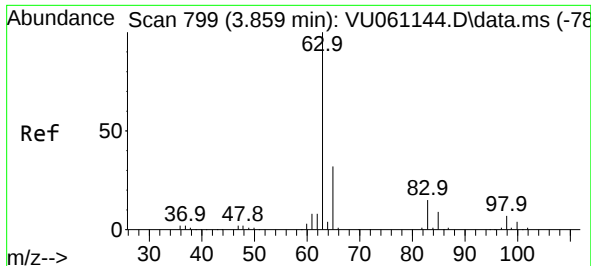
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#16
trans-1,2-Dichloroethene
Concen: 1.945 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 96 Resp: 25209
Ion Ratio Lower Upper
96 100
61 139.2 110.6 166.0
98 65.3 49.8 74.8





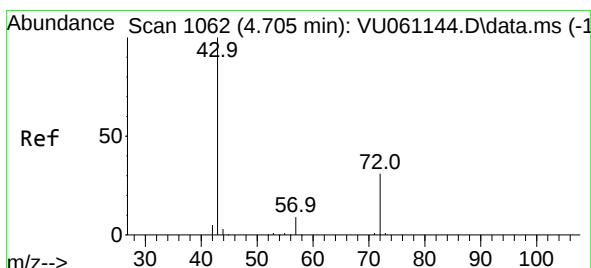
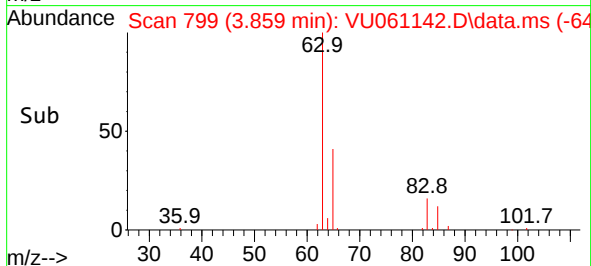
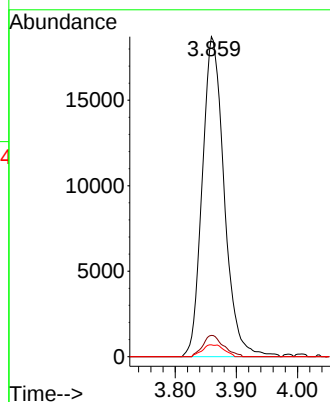
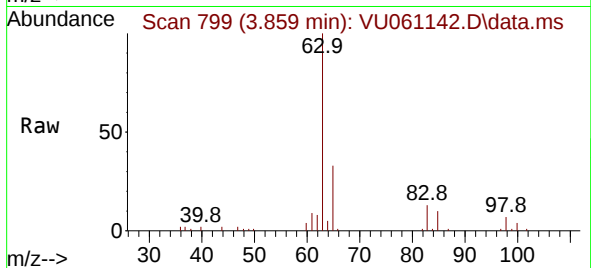
#17
1,1-Dichloroethane
Concen: 2.028 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 46628
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 3.7 2.1 6.5

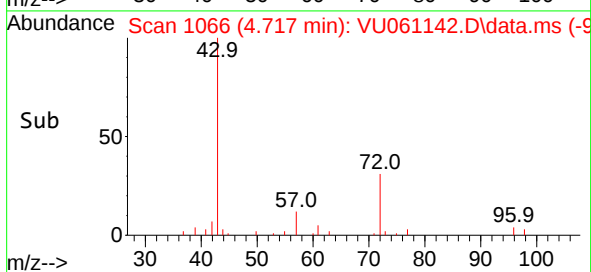
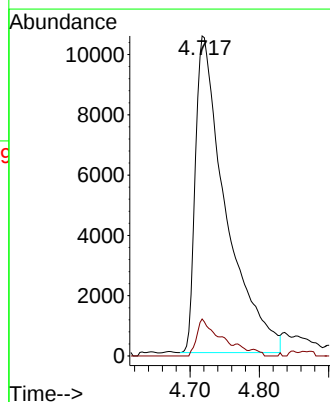
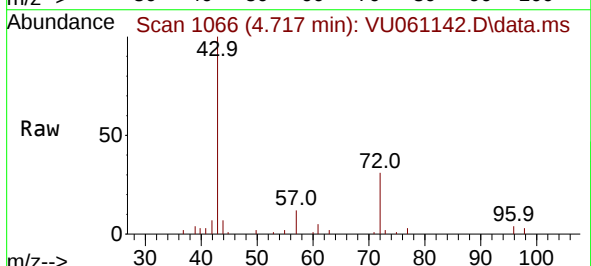
Manual Integrations
APPROVED

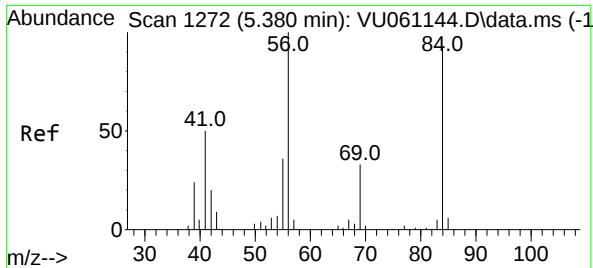
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#18
2-Butanone
Concen: 9.259 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 43 Resp: 31956
Ion Ratio Lower Upper
43 100
57 11.7 0.0 19.0





#19

Cyclohexane

Concen: 2.006 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

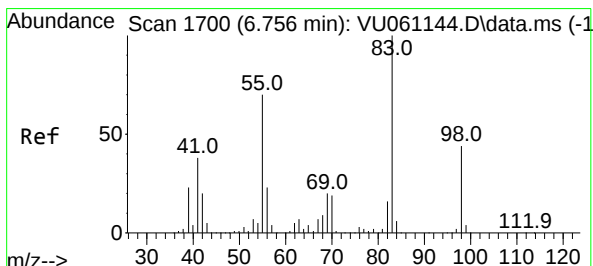
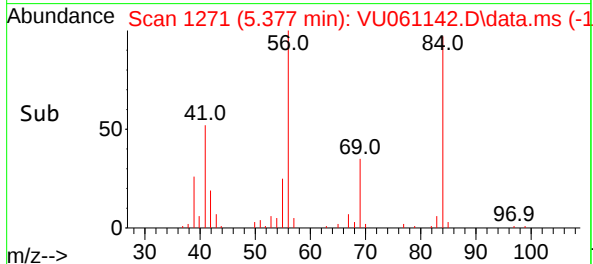
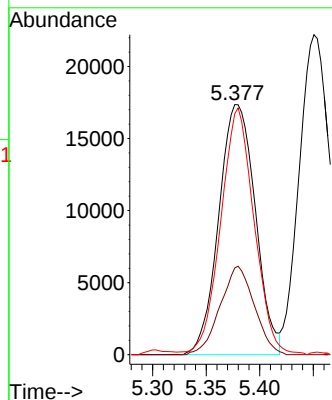
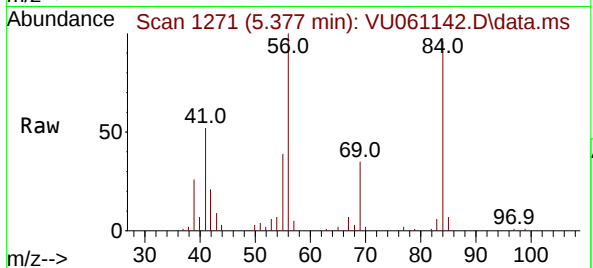
VSTDICC002

Tgt Ion:	56	Resp:	41308
Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.2	39.4
84	88.5	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 2.000 ug/l

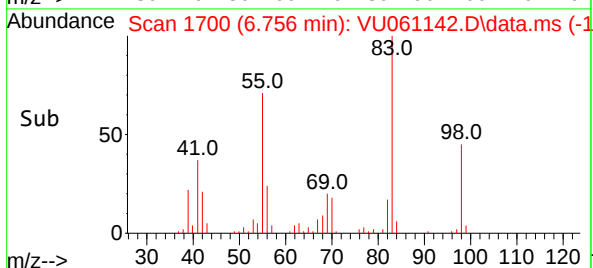
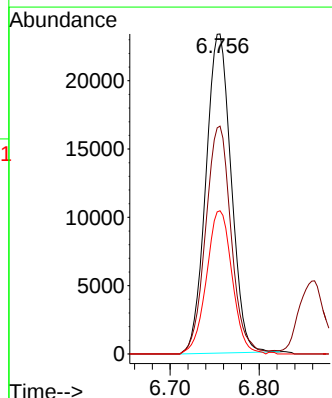
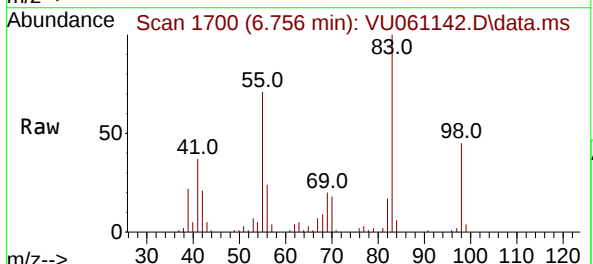
RT: 6.756 min Scan# 1700

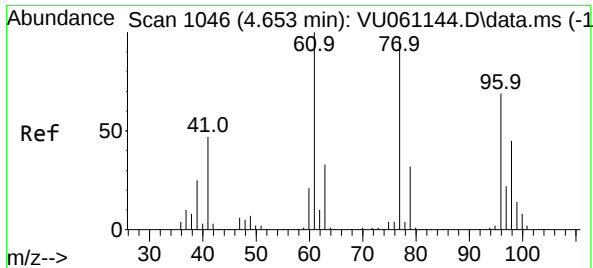
Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:	83	Resp:	45924
Ion	Ratio	Lower	Upper
83	100		
55	70.8	55.5	83.3
98	45.6	35.8	53.6





#21
2,2-Dichloropropane
Concen: 1.965 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

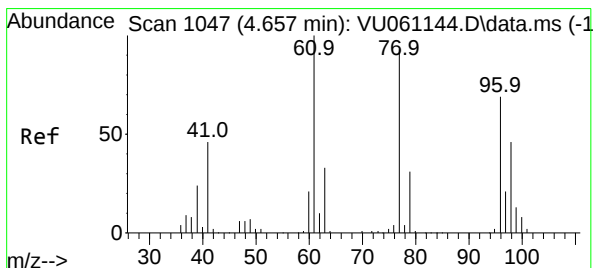
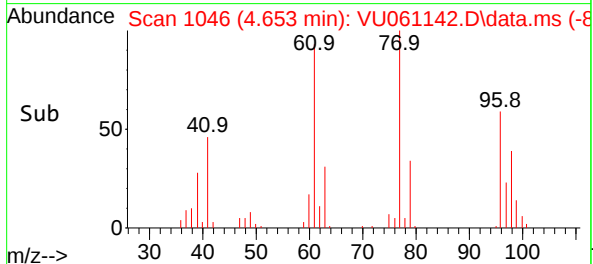
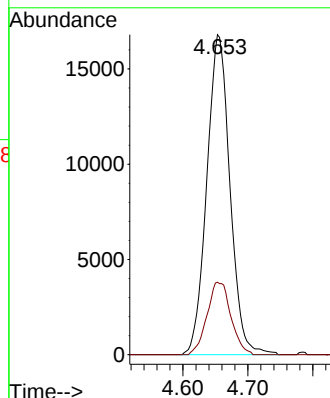
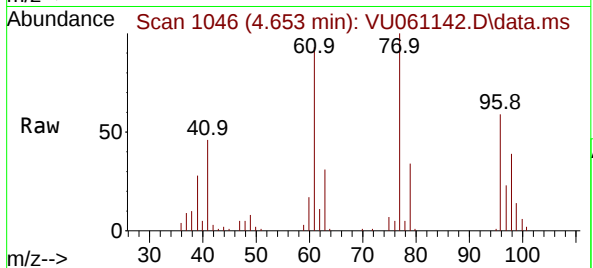
VSTDIC002

Tgt Ion: 77 Resp: 41669
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

Manual Integrations

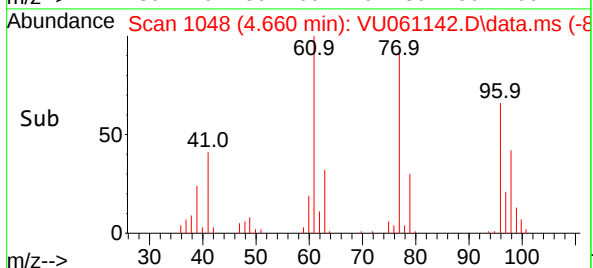
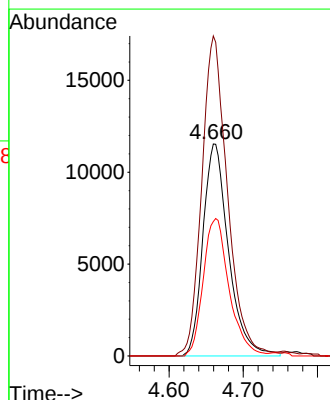
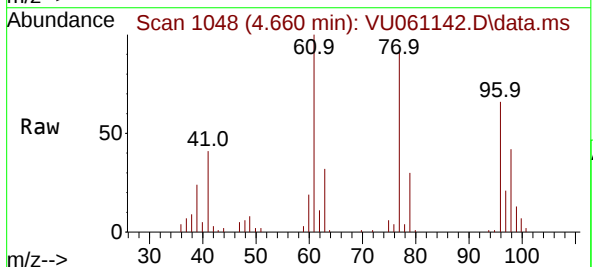
APPROVED

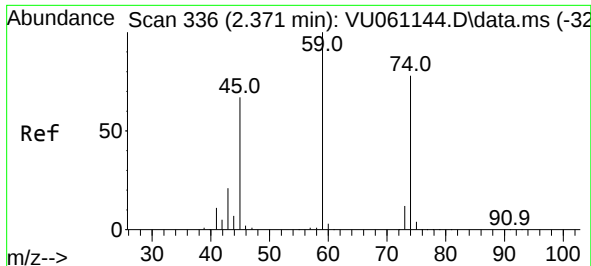
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#22
cis-1,2-Dichloroethene
Concen: 1.959 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 96 Resp: 27663
Ion Ratio Lower Upper
96 100
61 151.3 0.0 364.8
98 65.4 32.1 96.3





#23

Diethyl Ether

Concen: 2.003 ug/l

RT: 2.374 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

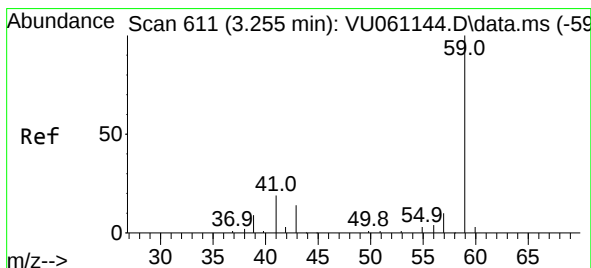
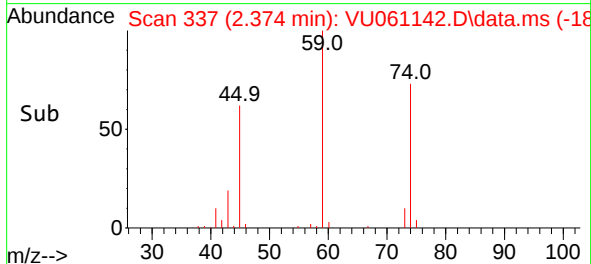
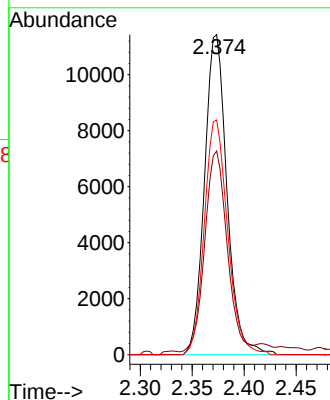
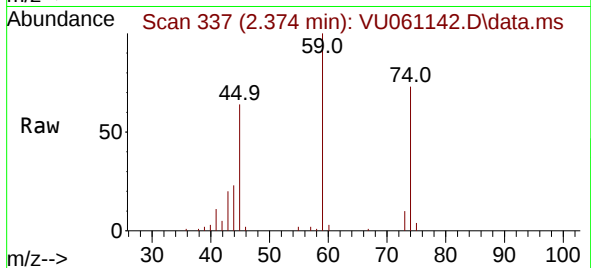
Tgt Ion: 59 Resp: 17200

Ion	Ratio	Lower	Upper
59	100		
45	62.3	52.0	78.0
74	76.1	62.2	93.2

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 17.396 ug/l m

RT: 3.248 min Scan# 609

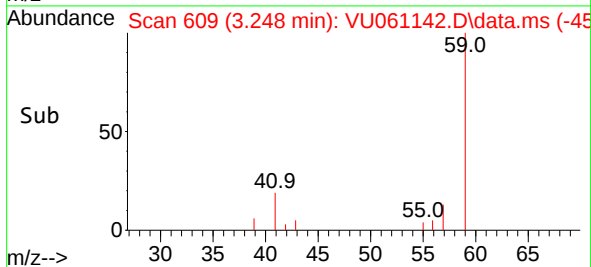
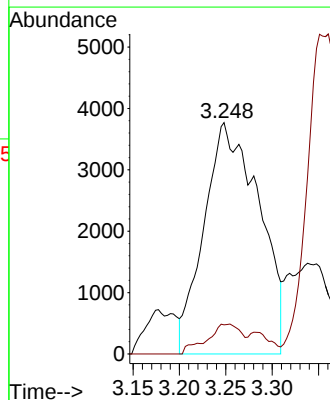
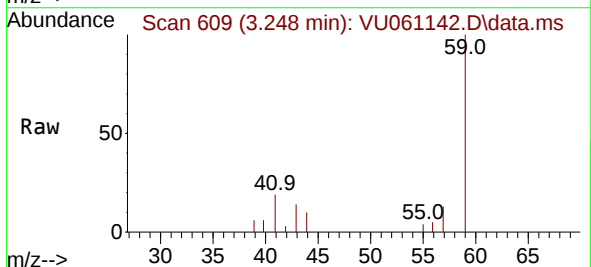
Delta R.T. -0.007 min

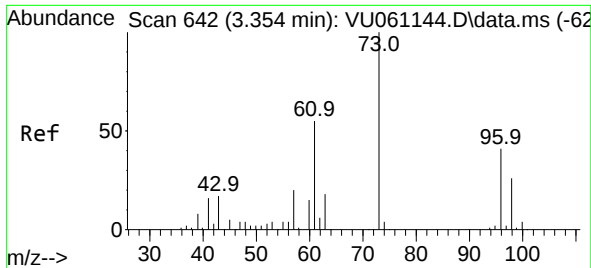
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion: 59 Resp: 15558

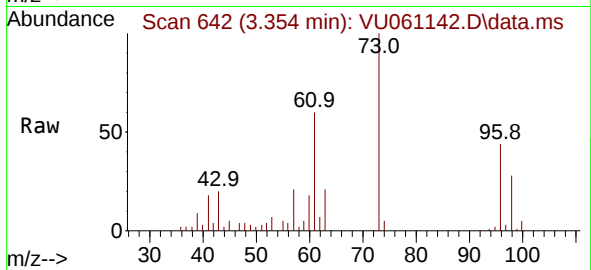
Ion	Ratio	Lower	Upper
59	100		
57	8.0	3.2	4.8#





#25
Methyl tert-Butyl Ether
Concen: 1.966 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

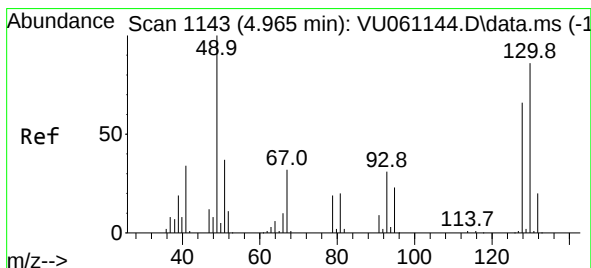
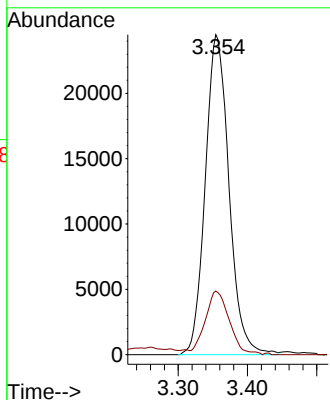
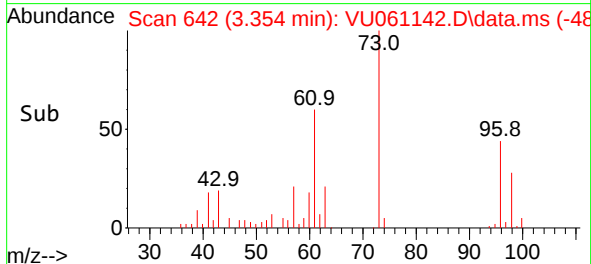
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



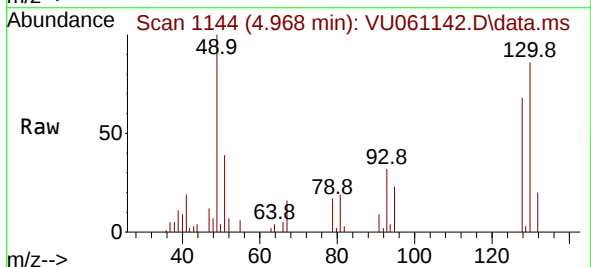
Tgt Ion: 73 Resp: 5821
Ion Ratio Lower Upper
73 100
43 20.2 14.7 22.1

Manual Integrations
APPROVED

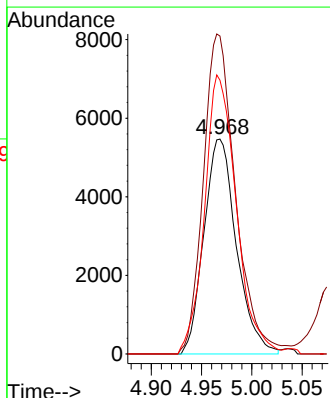
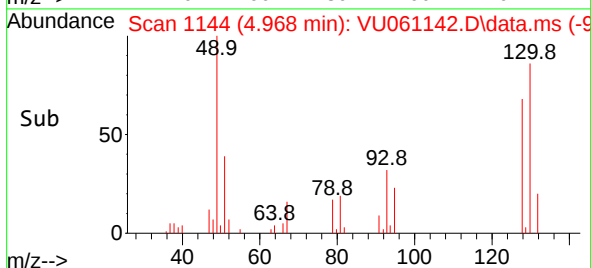
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

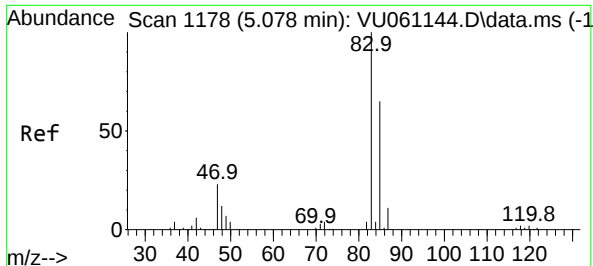


#26
Bromochloromethane
Concen: 2.082 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion:128 Resp: 12295
Ion Ratio Lower Upper
128 100
49 148.1 0.0 308.8
130 126.5 105.3 157.9





#27

Chloroform

Concen: 1.997 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 48130

Ion Ratio Lower Upper

83 100

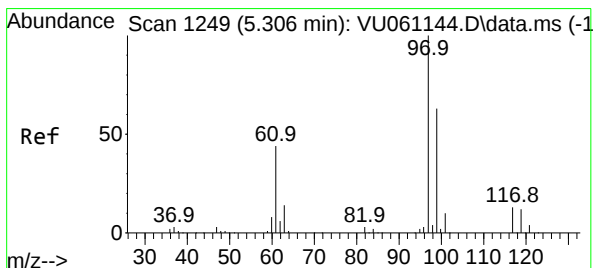
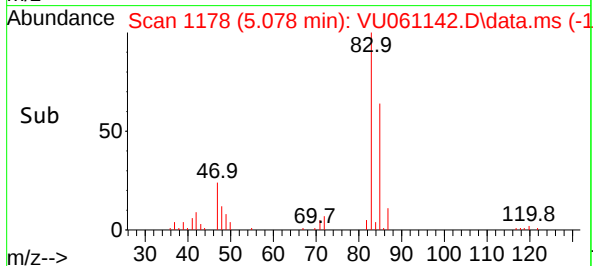
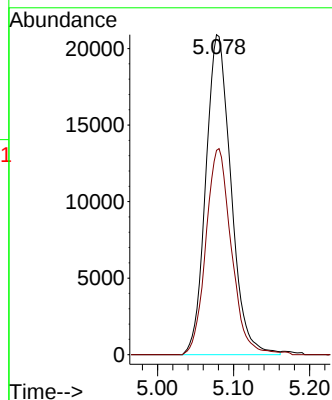
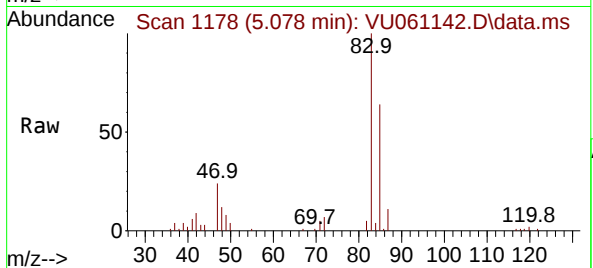
85 63.8 0.0 129.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#28

1,1,1-Trichloroethane

Concen: 2.008 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

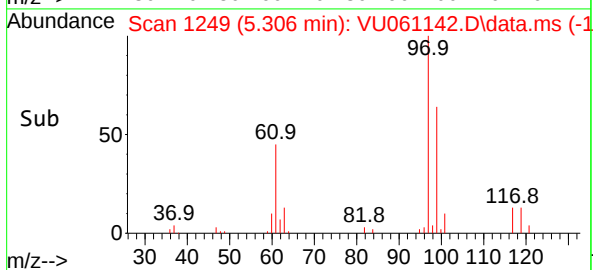
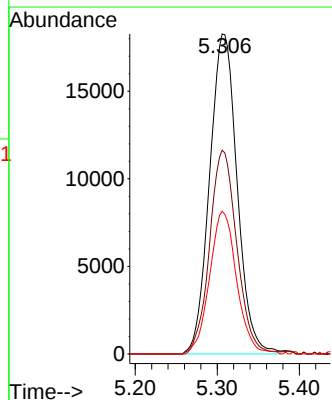
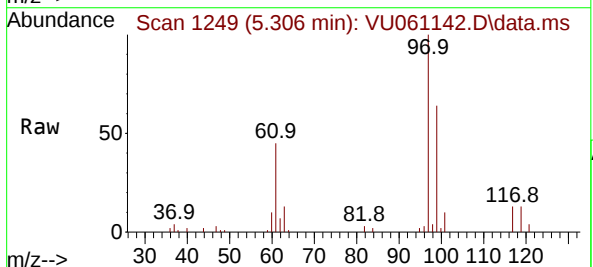
Tgt Ion: 97 Resp: 42676

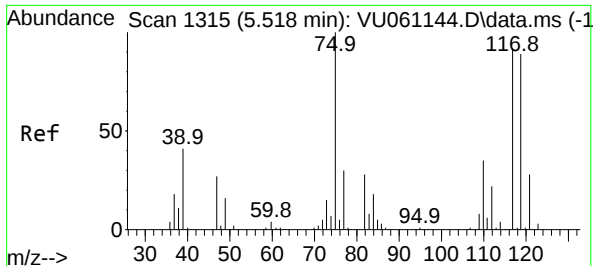
Ion Ratio Lower Upper

97 100

99 63.1 31.9 95.5

61 43.7 22.1 66.1





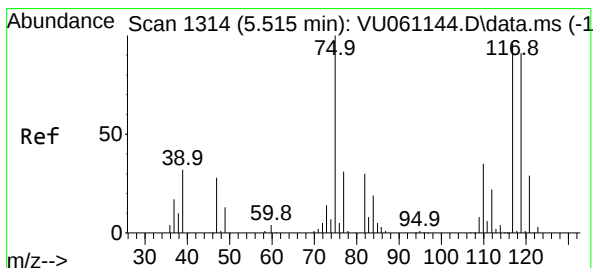
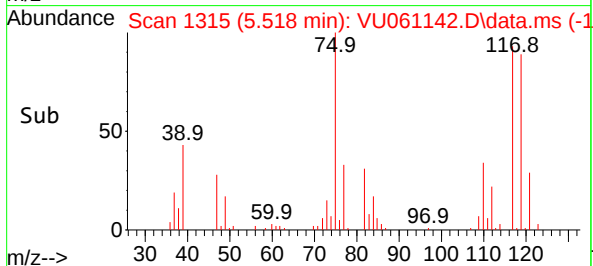
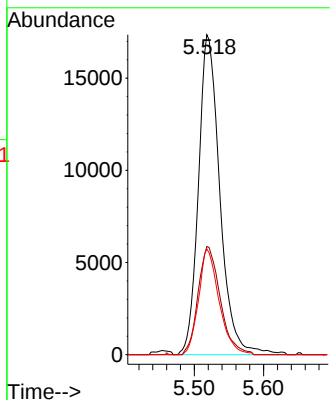
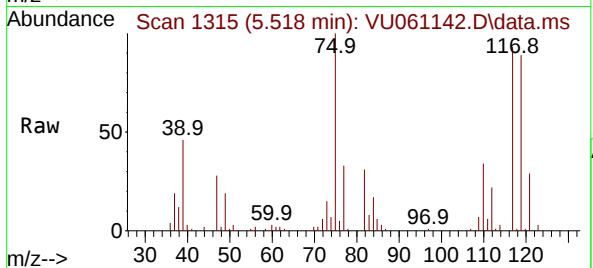
#29
1,1-Dichloropropene
Concen: 1.986 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 75 Resp: 37314
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.6 24.6 37.0

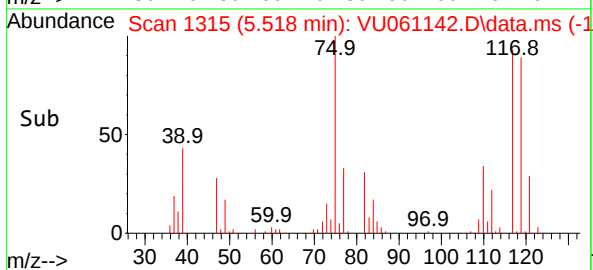
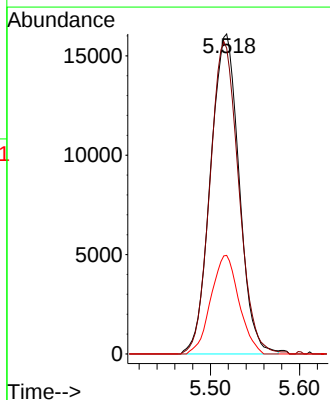
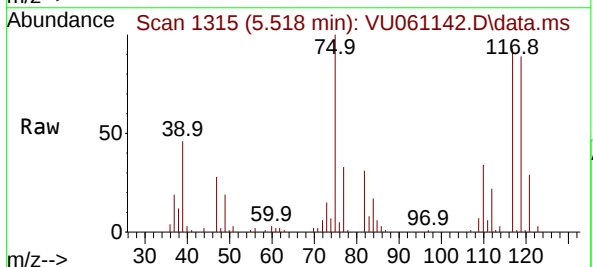
Manual Integrations
APPROVED

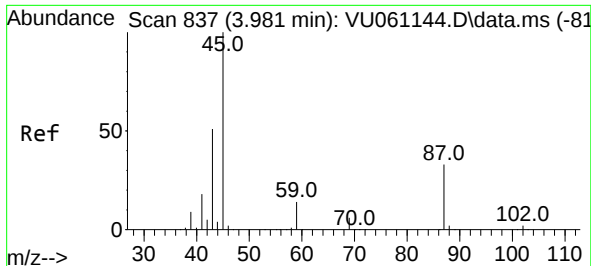
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30
Carbon Tetrachloride
Concen: 1.944 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:117 Resp: 35842
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 30.8 24.1 36.1





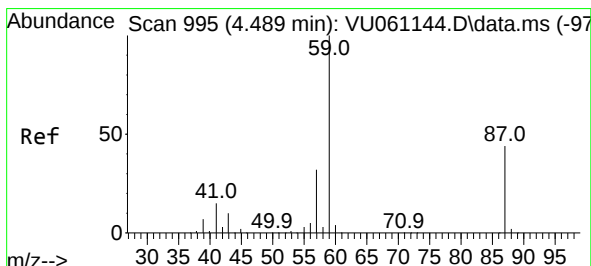
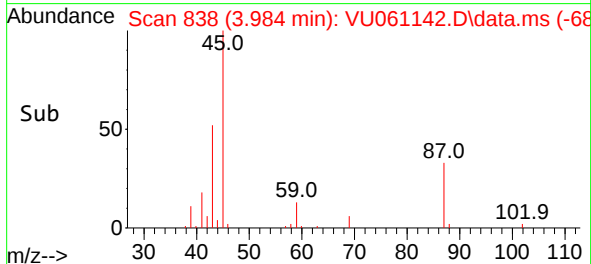
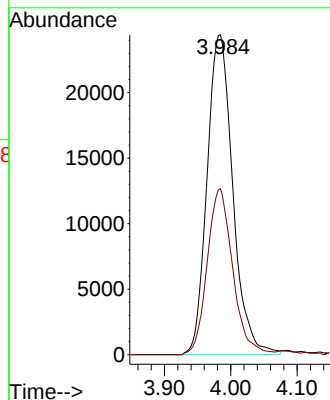
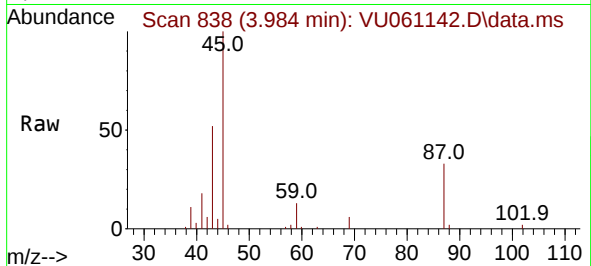
#31
Isopropyl Ether
Concen: 2.011 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 6596
Ion Ratio Lower Upper
45 100
43 51.4 25.7 77.0

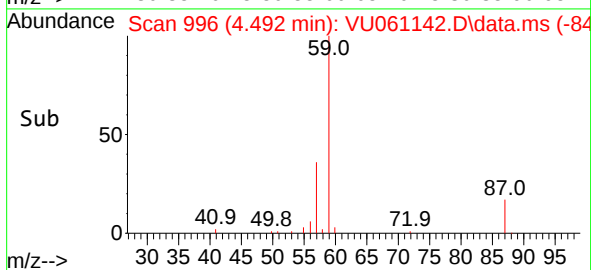
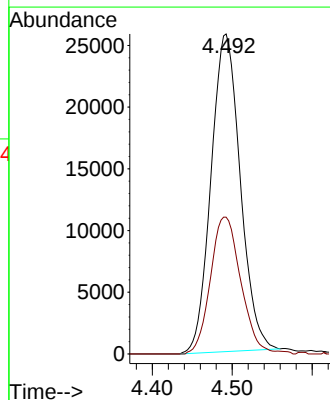
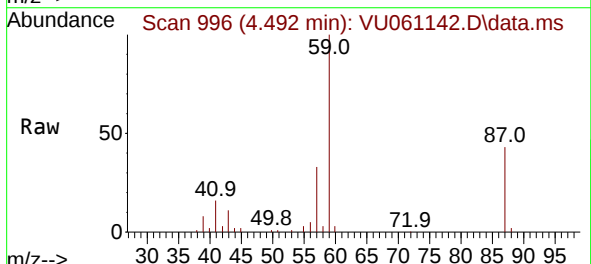
Manual Integrations
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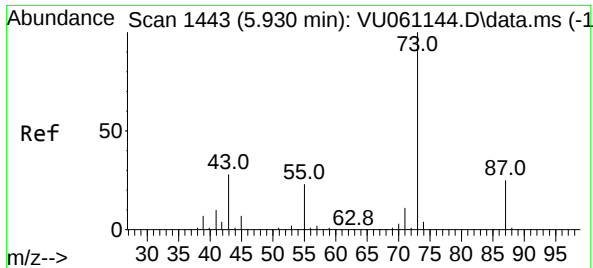
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#32
Ethyl-t-butyl ether
Concen: 1.938 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 59 Resp: 65347
Ion Ratio Lower Upper
59 100
87 44.9 34.7 52.1





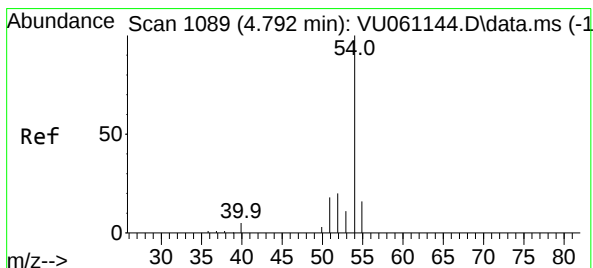
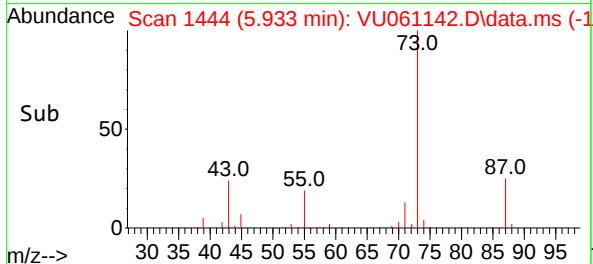
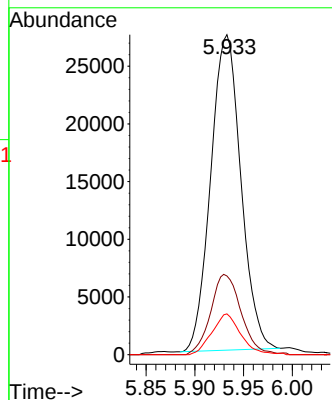
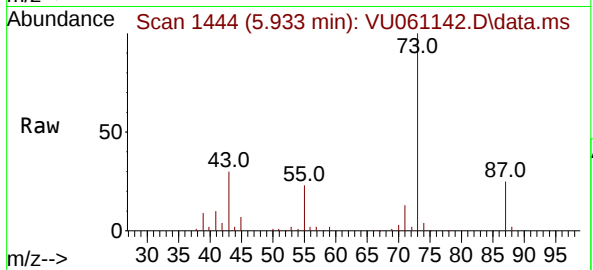
#33
Tert-Amyl methyl ether
Concen: 1.941 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 58894
Ion Ratio Lower Upper
73 100
87 25.7 19.8 29.8
71 12.4 8.6 12.8

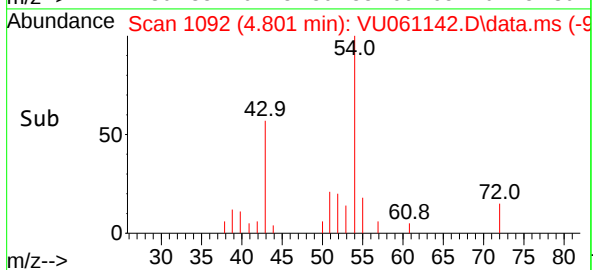
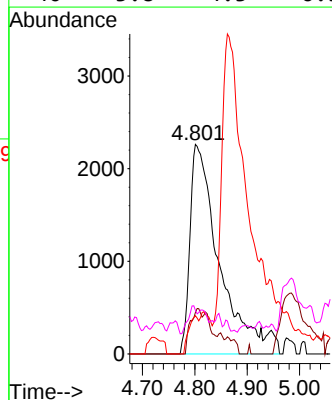
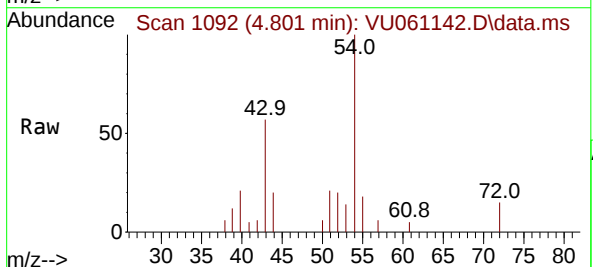
Manual Integrations
APPROVED

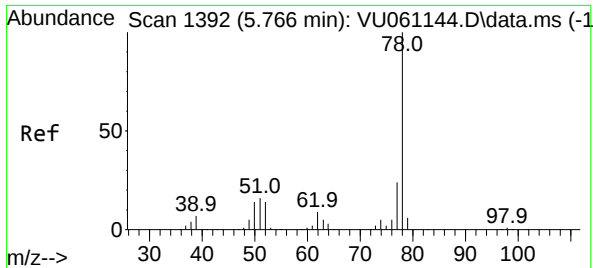
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#34
Propionitrile
Concen: 10.379 ug/l m
RT: 4.801 min Scan# 1092
Delta R.T. 0.009 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 54 Resp: 8863
Ion Ratio Lower Upper
54 100
52 8.4 15.3 22.9#
55 6.1 9.7 14.5#
40 3.8 4.3 6.5#





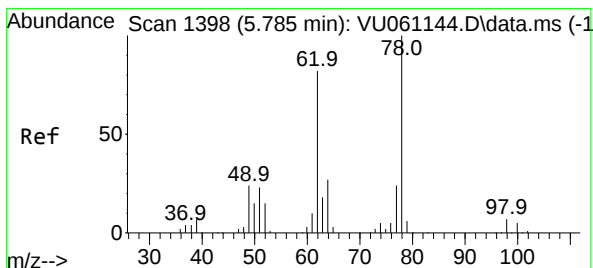
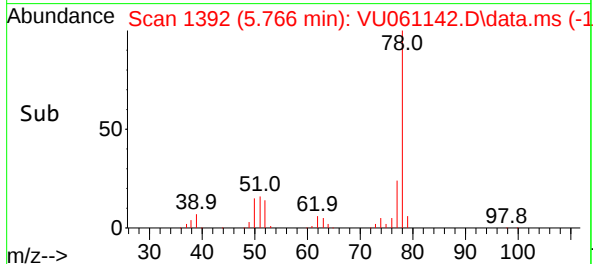
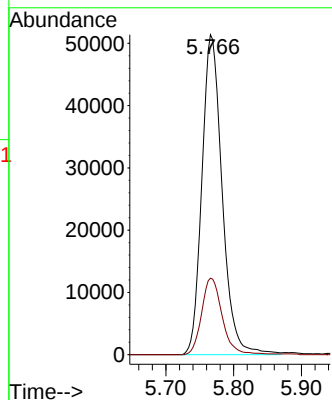
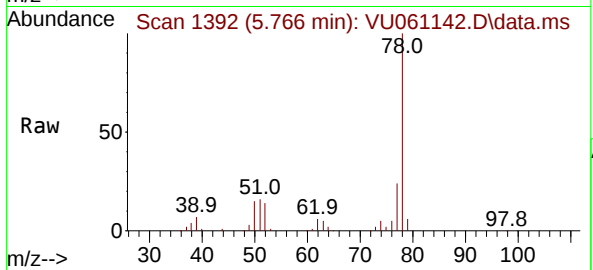
#35
Benzene
Concen: 2.020 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 106834
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

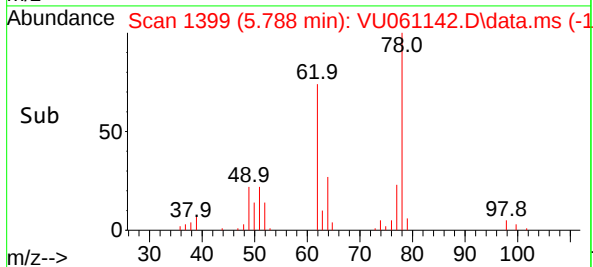
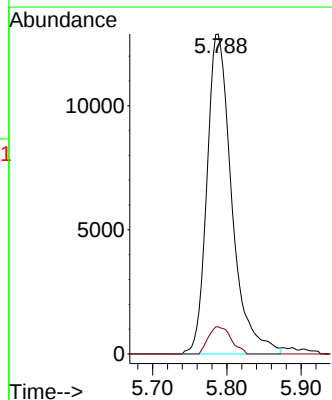
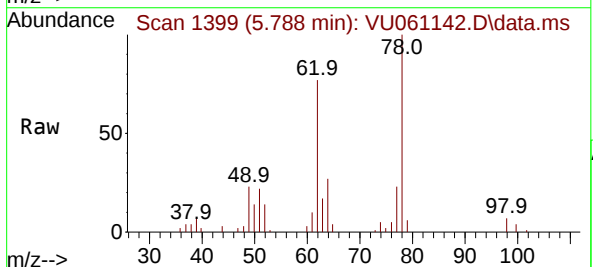
Manual Integrations
APPROVED

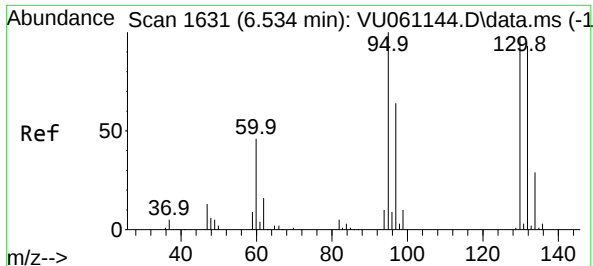
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#36
1,2-Dichloroethane
Concen: 2.002 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 62 Resp: 29897
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4





#37

Trichloroethene

Concen: 2.039 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:130 Resp: 2878

Ion Ratio Lower Upper

130 100

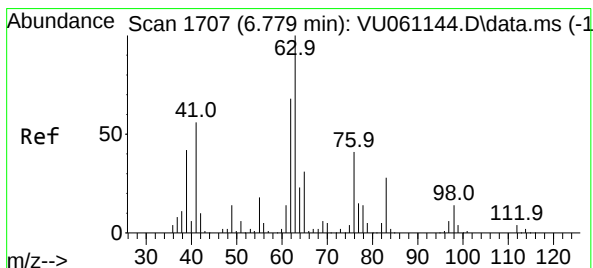
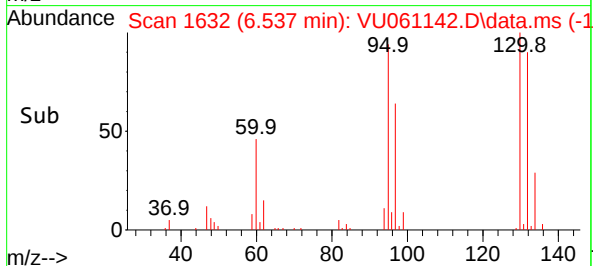
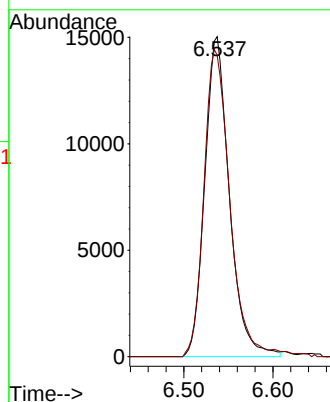
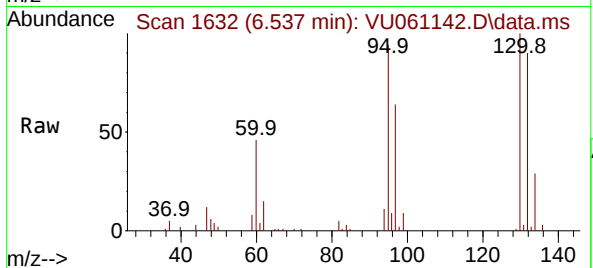
95 94.3 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#38

1,2-Dichloropropane

Concen: 1.995 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU061142.D

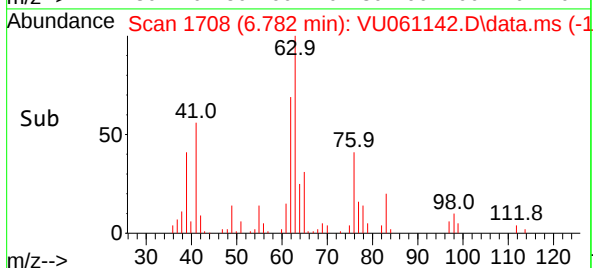
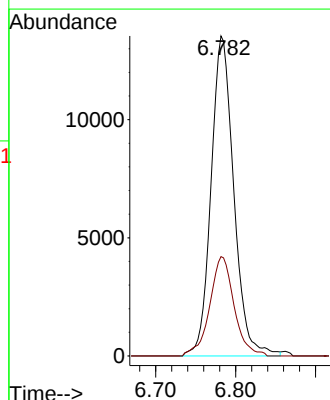
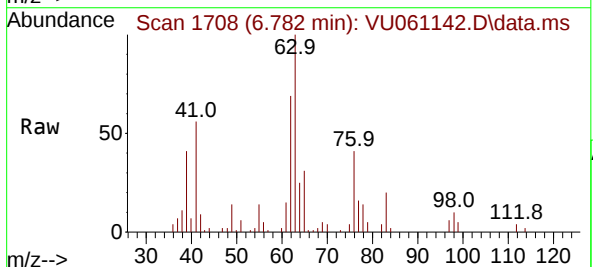
Acq: 17 Oct 2024 12:12

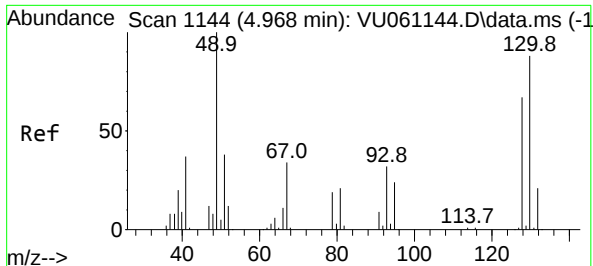
Tgt Ion: 63 Resp: 26727

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6





#39

Methacrylonitrile

Concen: 2.010 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.016 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 613

Ion Ratio Lower Upper

41 100

67 98.6 78.1 117.1

39 21.1 44.6 67.0

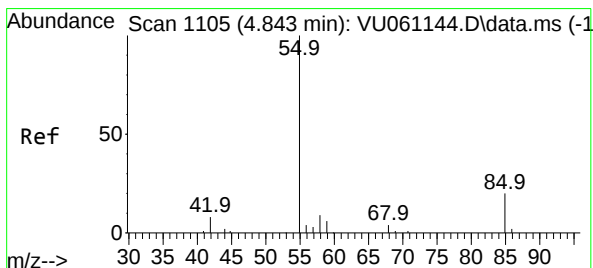
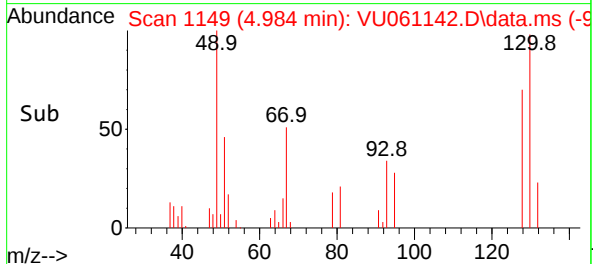
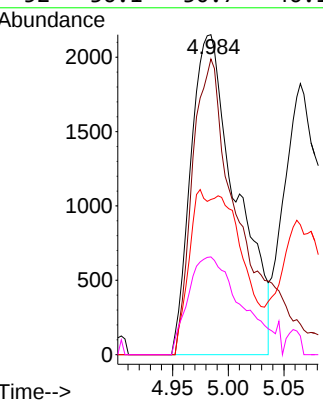
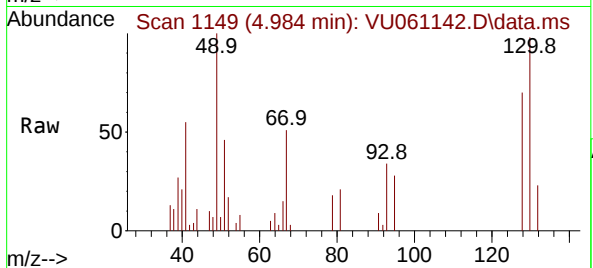
52 36.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#40

Methyl acrylate

Concen: 2.182 ug/l m

RT: 4.862 min Scan# 1111

Delta R.T. 0.019 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion: 55 Resp: 13379

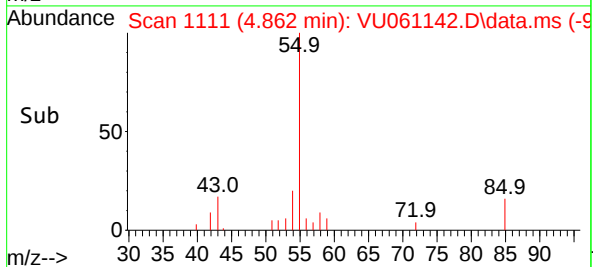
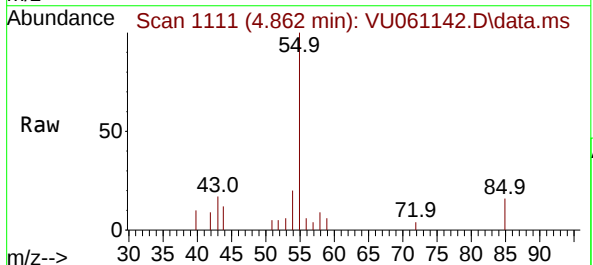
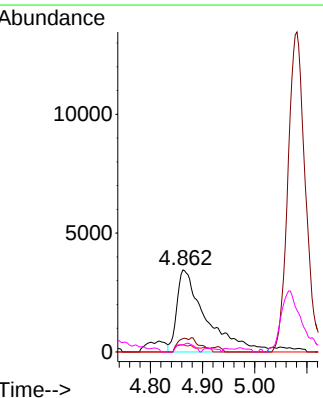
Ion Ratio Lower Upper

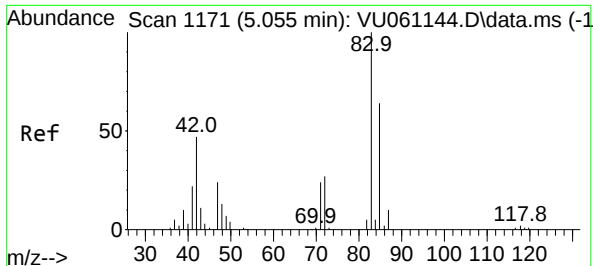
55 100

85 0.0 14.1 21.1#

58 3.4 6.9 10.3#

42 5.8 5.6 8.4





#41

Tetrahydrofuran

Concen: 4.214 ug/l m

RT: 5.065 min Scan# 1174

Delta R.T. 0.009 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

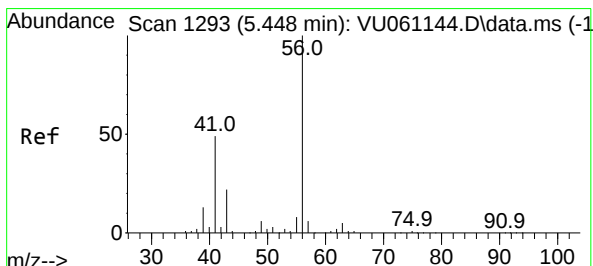
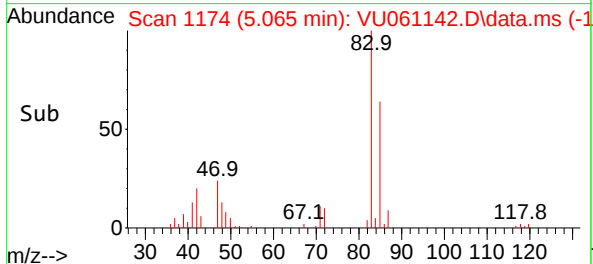
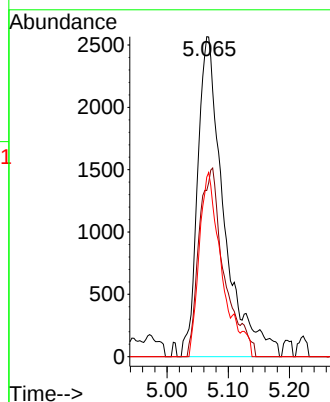
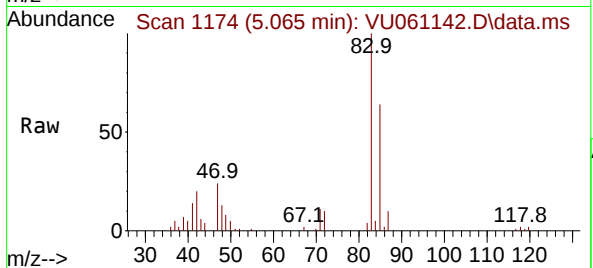
VSTDICC002

Tgt Ion:	42	Resp:	7639
Ion Ratio	Lower	Upper	
42	100		
72	56.6	47.8	71.8
71	47.4	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: 1.951 ug/l

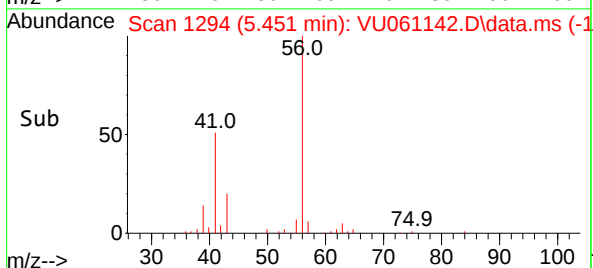
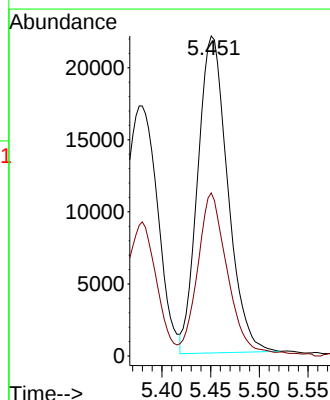
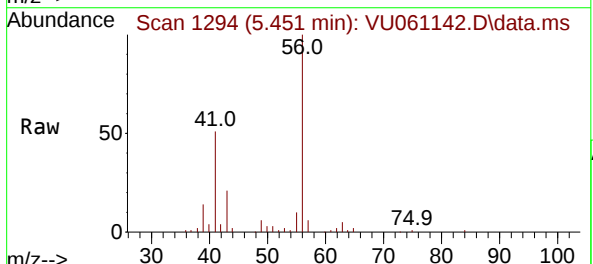
RT: 5.451 min Scan# 1294

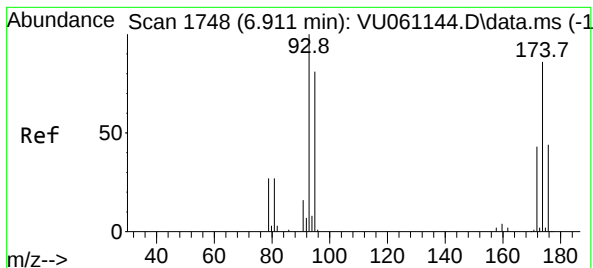
Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:	56	Resp:	47005
Ion Ratio	Lower	Upper	
56	100		
41	49.1	23.9	71.7





#43

Dibromomethane

Concen: 2.005 ug/l

RT: 6.914 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 93 Resp: 1392

Ion Ratio Lower Upper

93 100

95 83.2 67.5 101.3

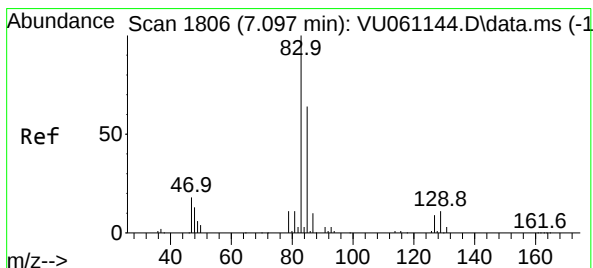
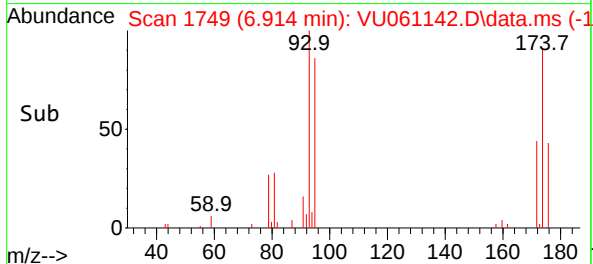
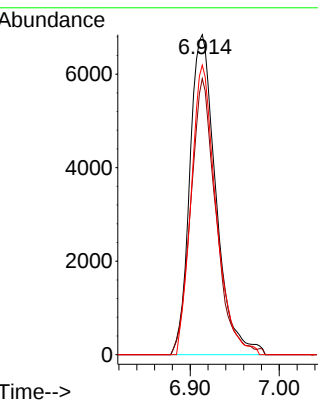
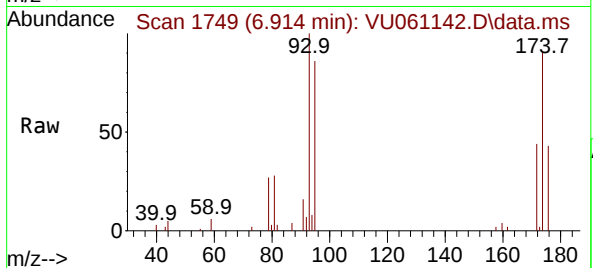
174 86.2 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#44

Bromodichloromethane

Concen: 1.999 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

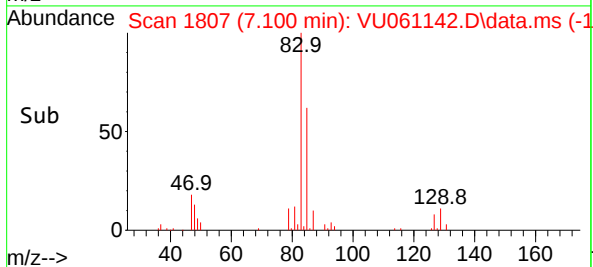
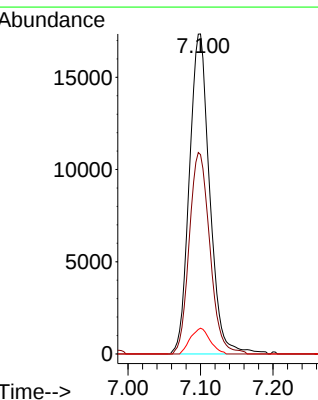
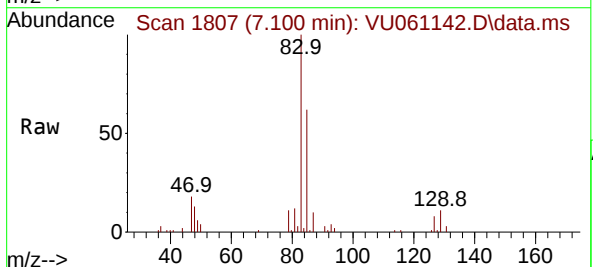
Tgt Ion: 83 Resp: 33760

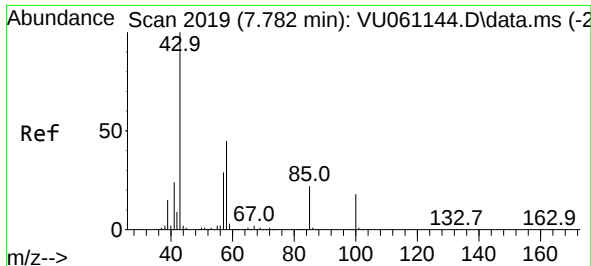
Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.2

127 8.9 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 9.984 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

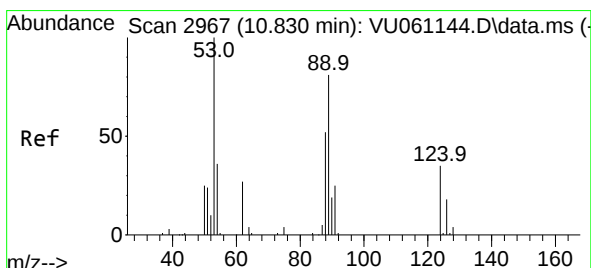
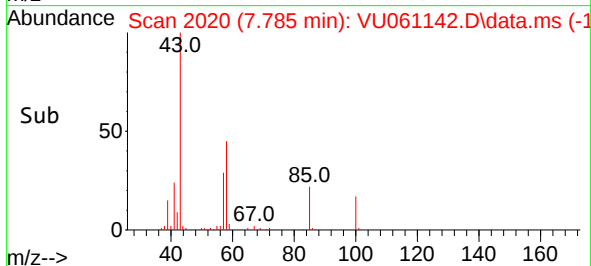
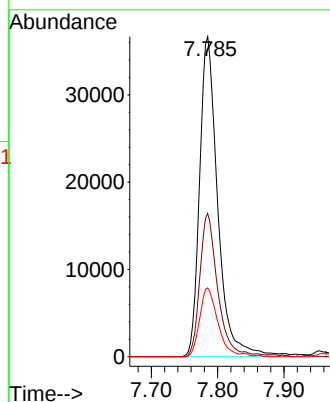
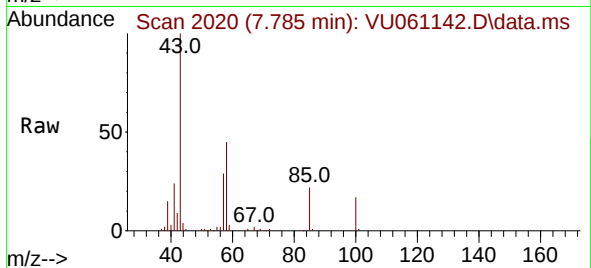
VSTDICC002

Tgt Ion: 43	Resp: 6961
Ion Ratio	Lower Upper
43 100	
58 43.8	22.2 66.6
85 21.2	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: 3.522 ug/l m

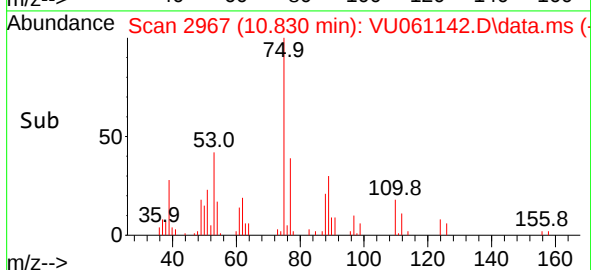
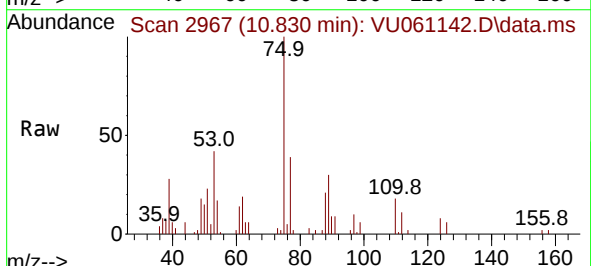
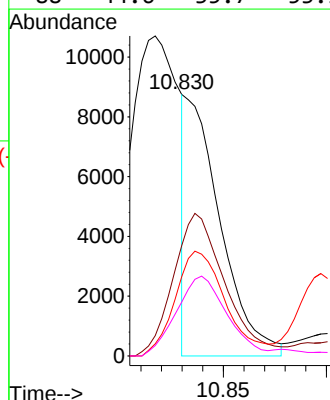
RT: 10.830 min Scan# 2967

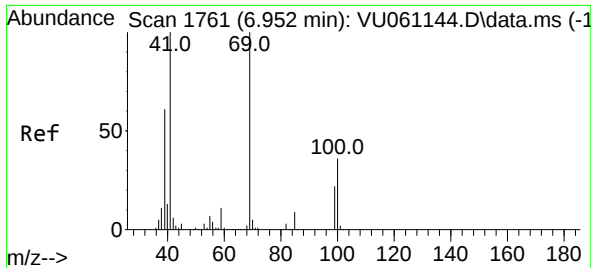
Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

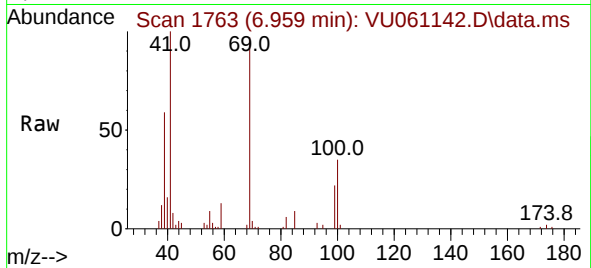
Tgt Ion: 75	Resp: 10161
Ion Ratio	Lower Upper
75 100	
53 82.1	66.0 99.0
89 58.5	48.0 72.0
88 44.6	35.7 53.5





#47
Methyl methacrylate
Concen: 3.939 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.006 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

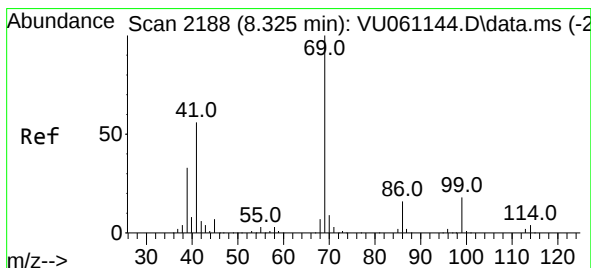
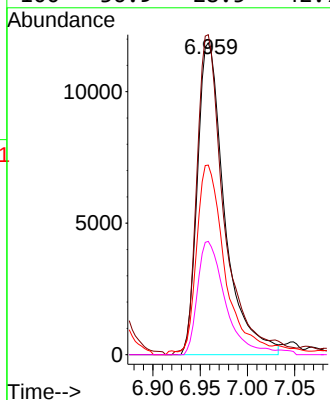
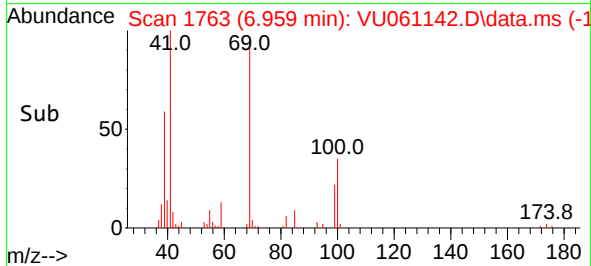
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 23779
Ion Ratio Lower Upper
69 100
41 103.2 0.0 196.0
39 60.3 48.0 72.0
100 36.9 28.5 42.7

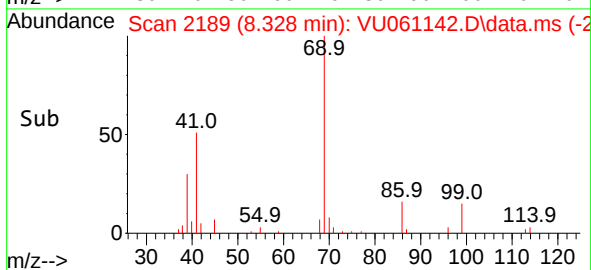
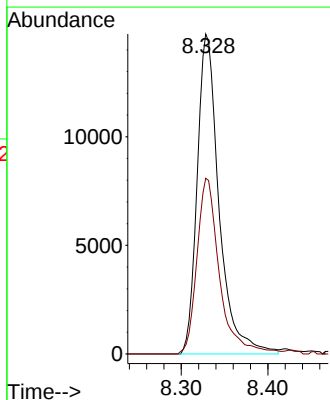
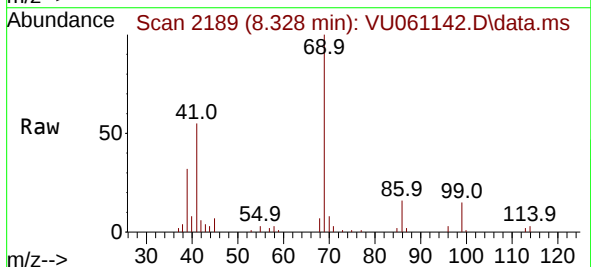
Manual Integrations
APPROVED

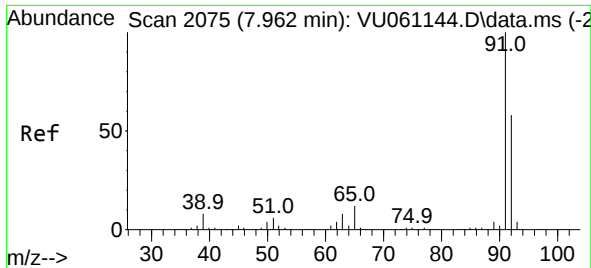
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#48
Ethyl methacrylate
Concen: 2.008 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 69 Resp: 25849
Ion Ratio Lower Upper
69 100
41 56.6 28.1 84.3





#49

Toluene

Concen: 2.020 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 92 Resp: 67504

Ion Ratio Lower Upper

92 100

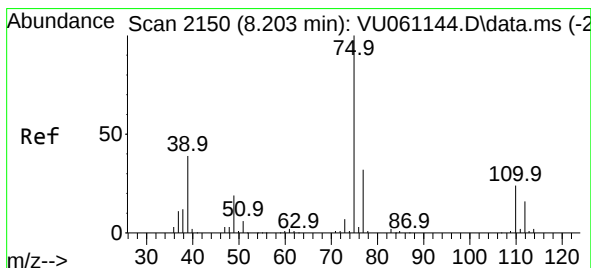
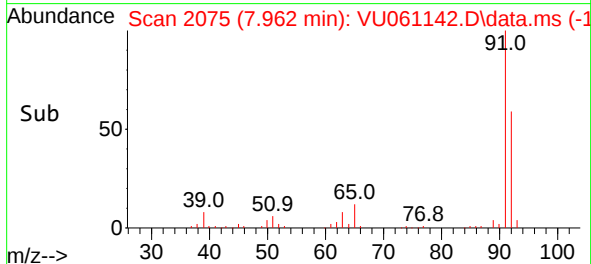
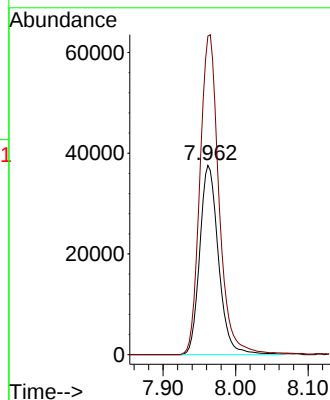
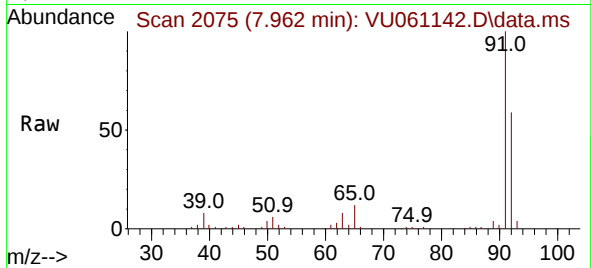
91 172.8 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#50

t-1,3-Dichloropropene

Concen: 1.913 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061142.D

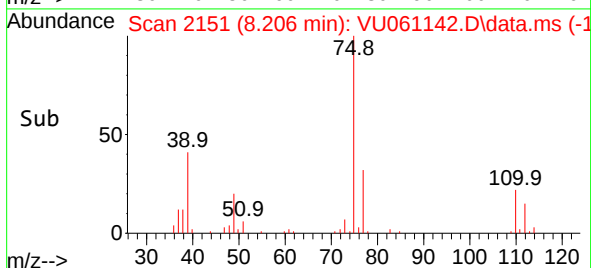
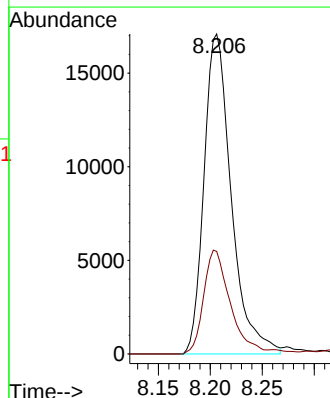
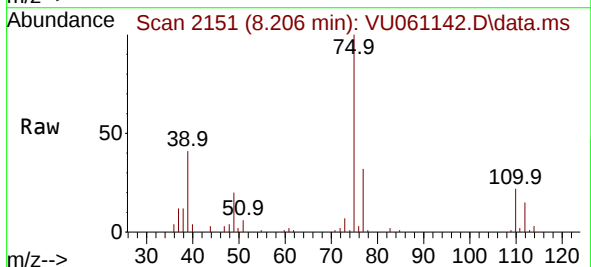
Acq: 17 Oct 2024 12:12

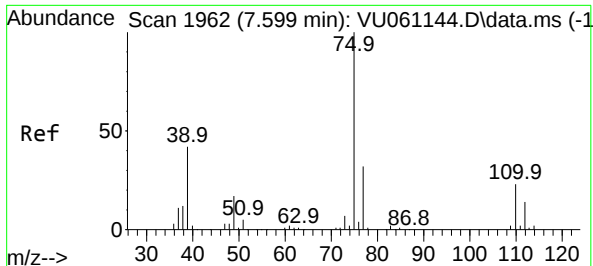
Tgt Ion: 75 Resp: 31154

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9





#51
cis-1,3-Dichloropropene
Concen: 1.935 ug/l
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

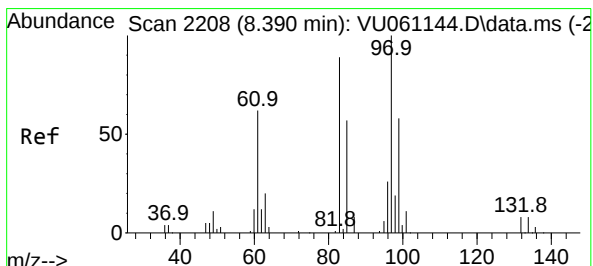
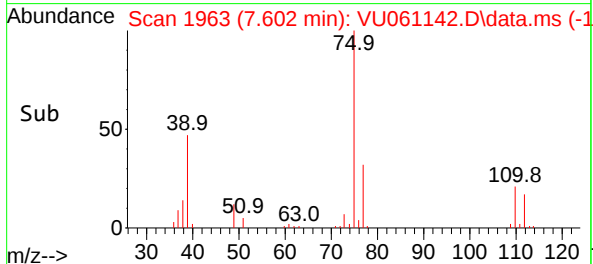
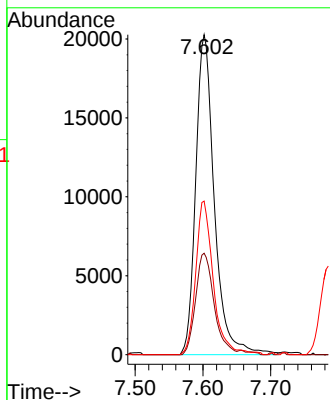
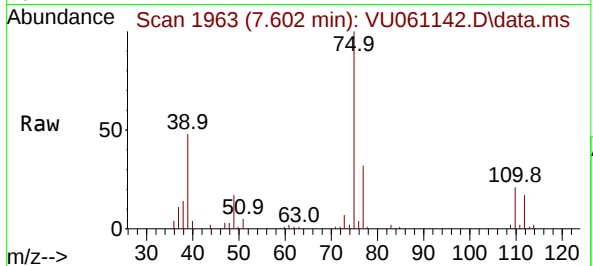
VSTDIC002

Tgt Ion: 75 Resp: 3866
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 48.0 33.7 50.5

Manual Integrations

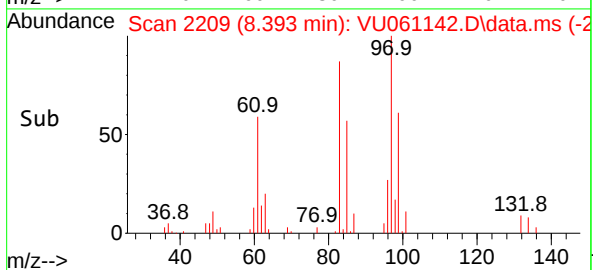
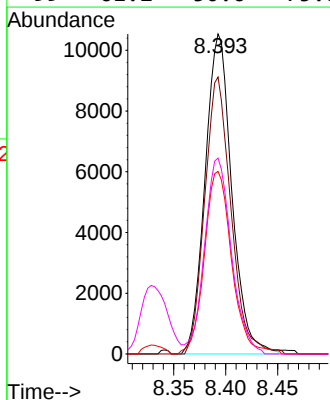
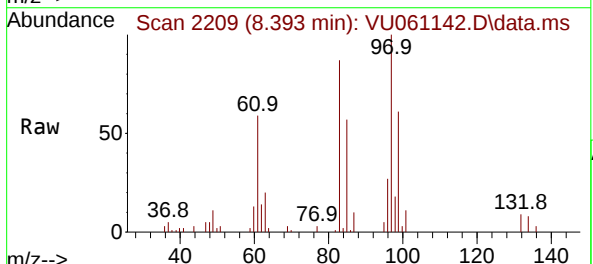
APPROVED

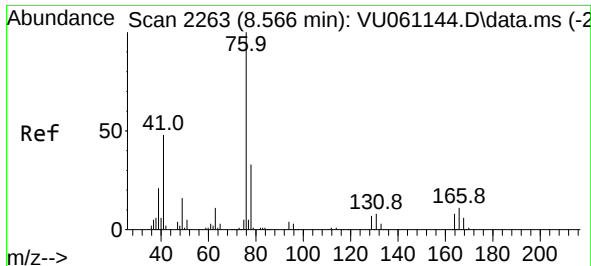
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#52
1,1,2-Trichloroethane
Concen: 2.012 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 97 Resp: 18850
Ion Ratio Lower Upper
97 100
83 86.6 71.0 106.4
85 57.1 46.1 69.1
99 61.2 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.027 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 76 Resp: 3334

Ion Ratio Lower Upper

76 100

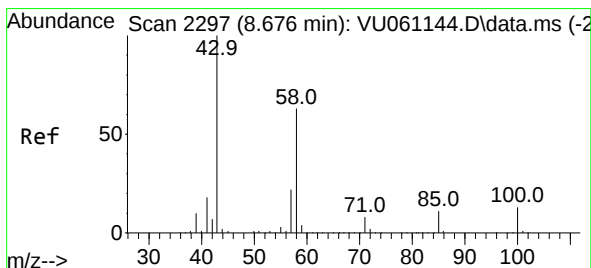
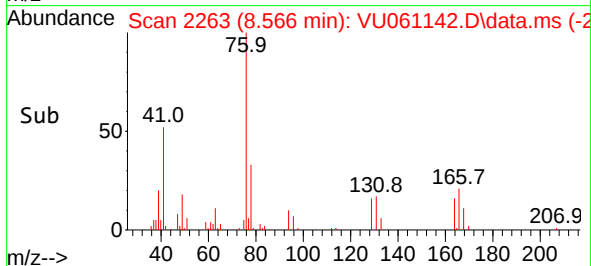
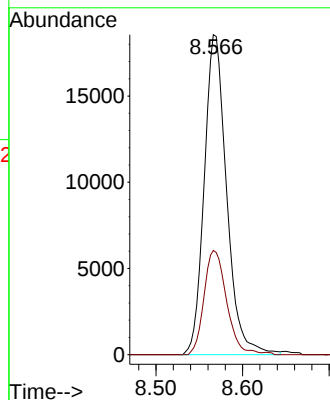
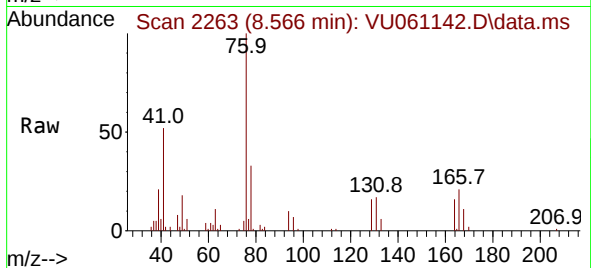
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#54

2-Hexanone

Concen: 9.517 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

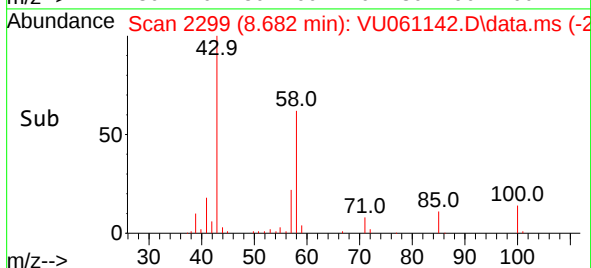
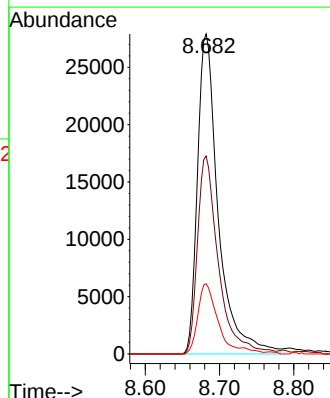
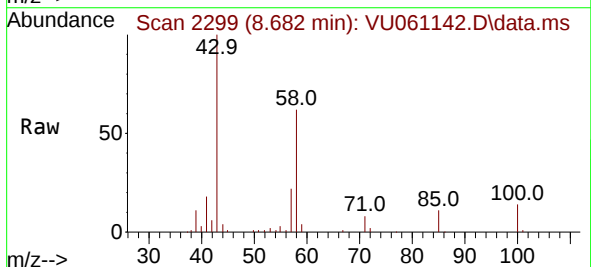
Tgt Ion: 43 Resp: 54512

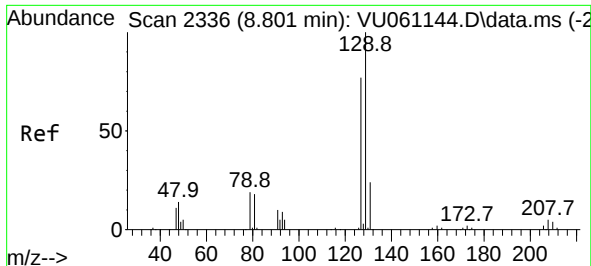
Ion Ratio Lower Upper

43 100

58 62.0 41.8 81.8

57 21.6 1.4 41.4





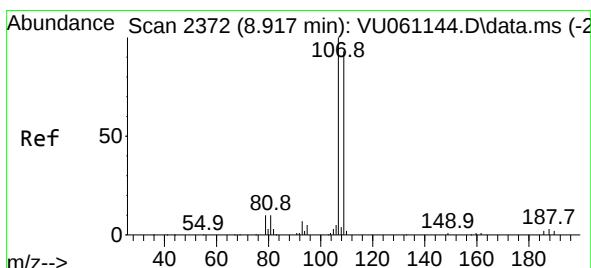
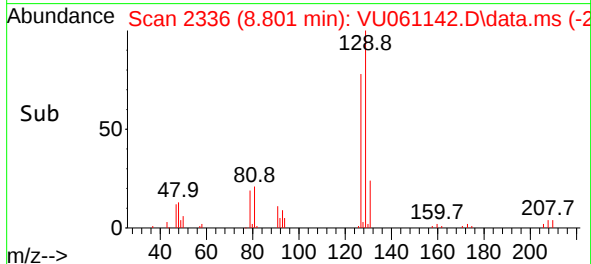
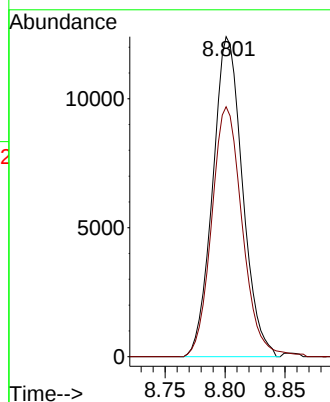
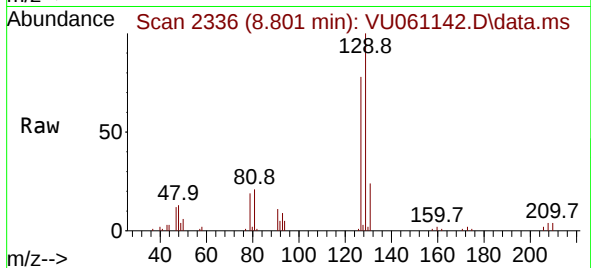
#55
Dibromochloromethane
Concen: 1.937 ug/l
RT: 8.801 min Scan# 2142
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:129 Resp: 2142
Ion Ratio Lower Upper
129 100
127 80.3 61.9 92.9

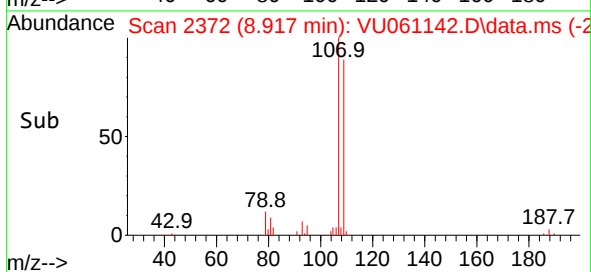
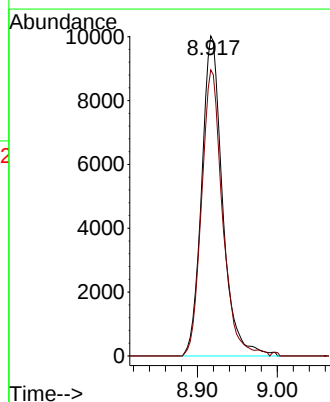
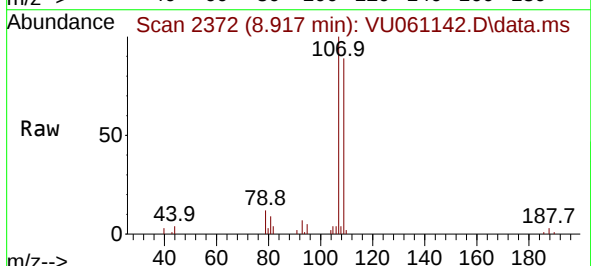
Manual Integrations
APPROVED

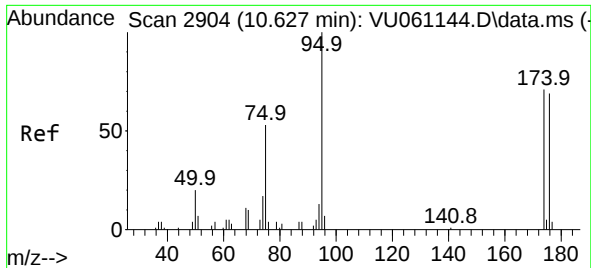
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 2.025 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

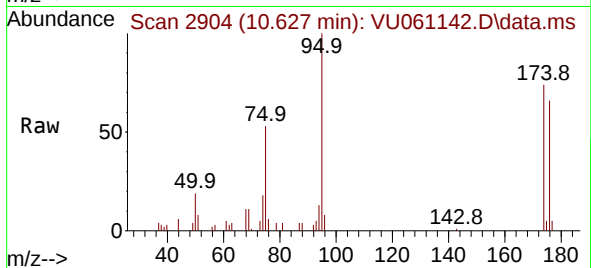
Tgt Ion:107 Resp: 18201
Ion Ratio Lower Upper
107 100
109 89.8 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 1.015 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

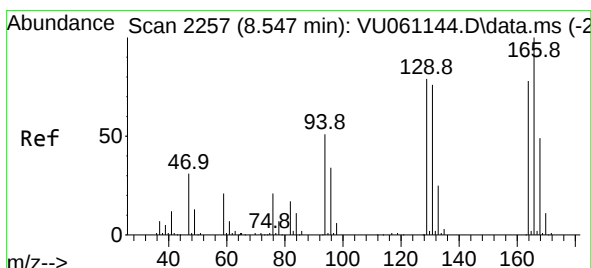
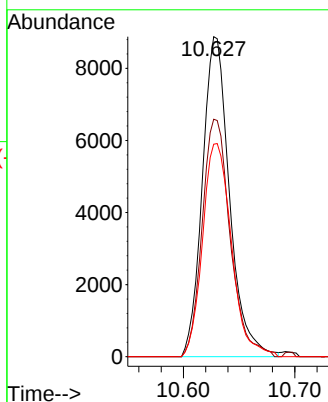
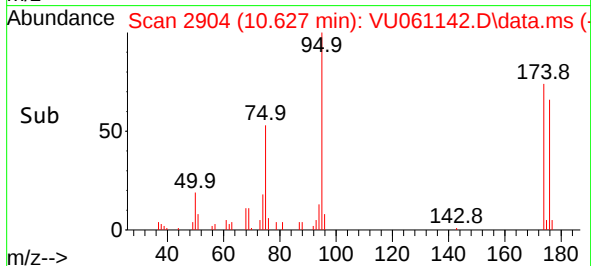
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 95 Resp: 1502
Ion Ratio Lower Upper
95 100
174 76.5 55.4 83.0
176 70.8 54.4 81.6

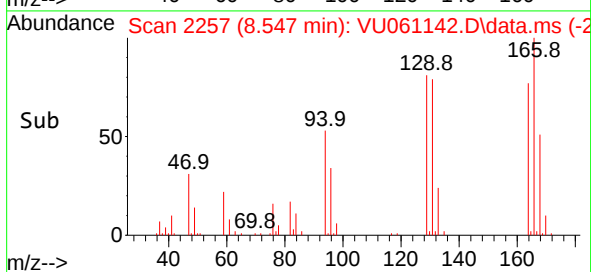
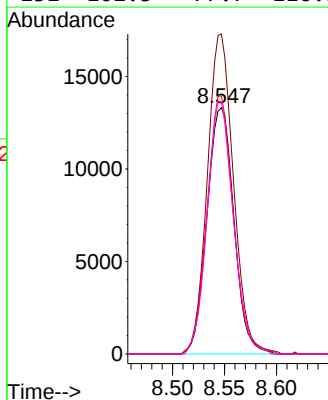
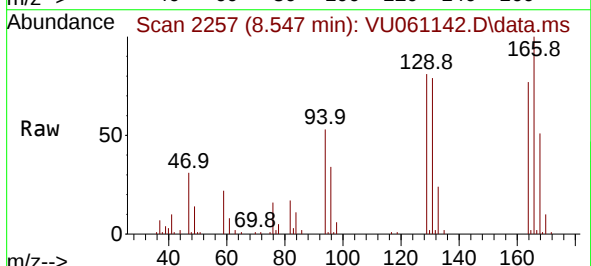
Manual Integrations
APPROVED

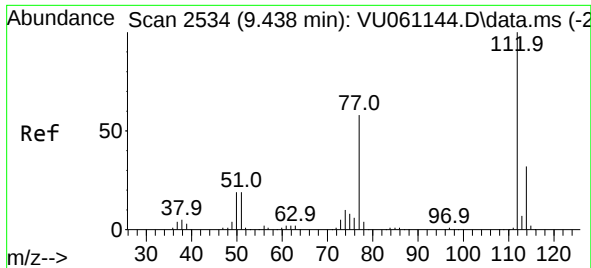
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 2.005 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

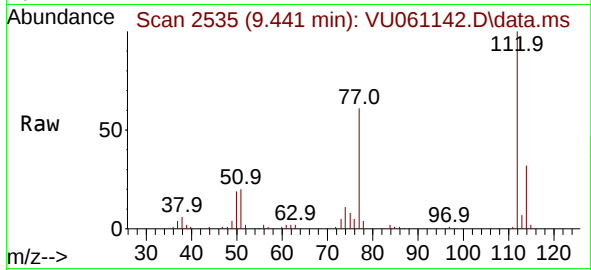
Tgt Ion:164 Resp: 24002
Ion Ratio Lower Upper
164 100
166 129.9 102.1 153.1
129 104.6 80.6 120.8
131 102.3 77.7 116.5





#59
Chlorobenzene
Concen: 1.991 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

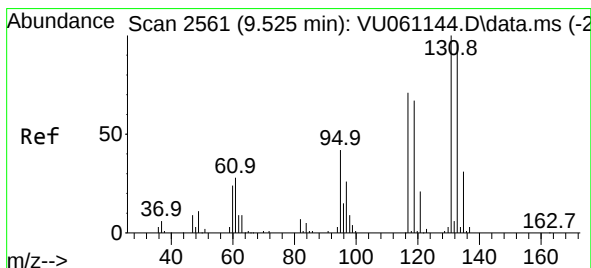
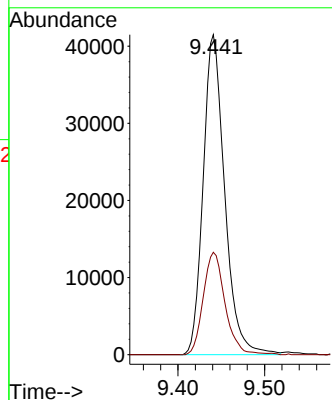
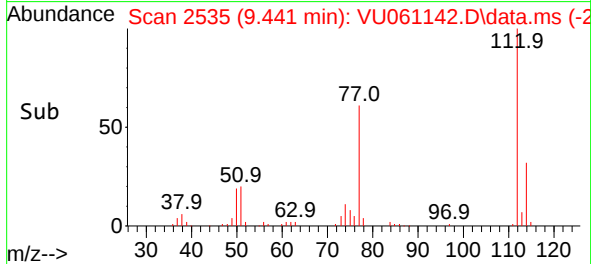
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:112 Resp: 71640
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

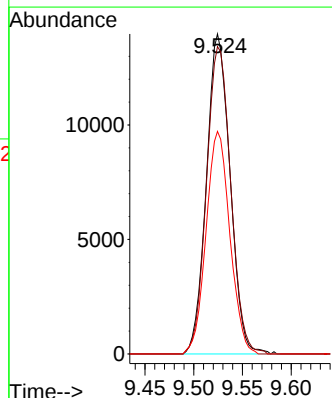
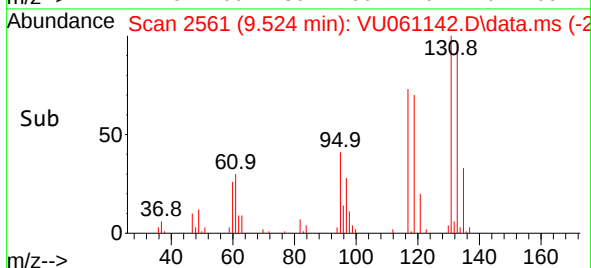
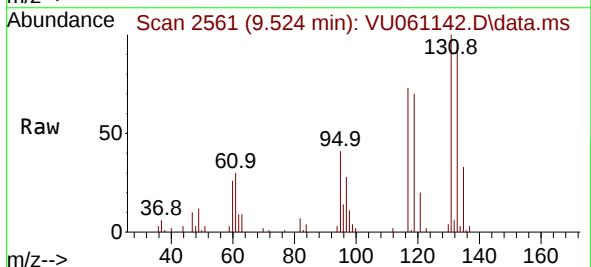
Manual Integrations
APPROVED

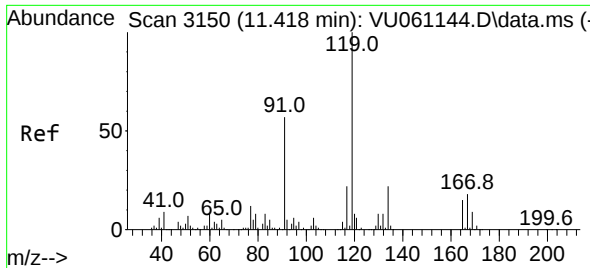
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 1.945 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

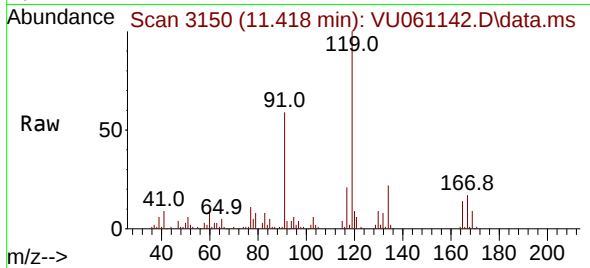
Tgt Ion:131 Resp: 23619
Ion Ratio Lower Upper
131 100
133 98.2 76.8 115.2
119 69.8 54.2 81.2





#61
Pentachloroethane
Concen: 1.943 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

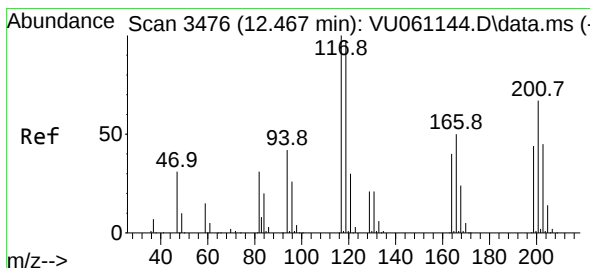
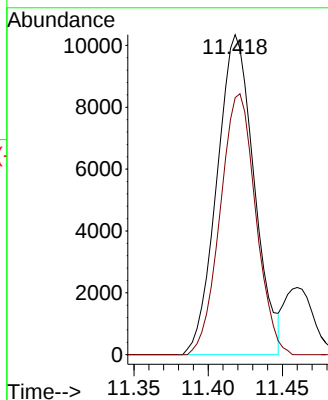
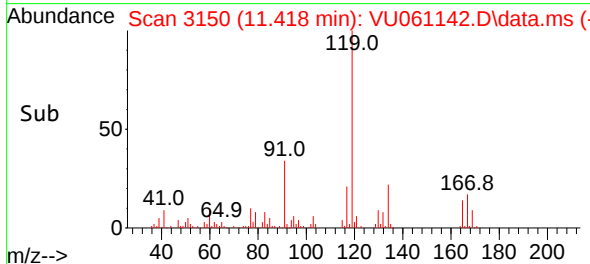
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



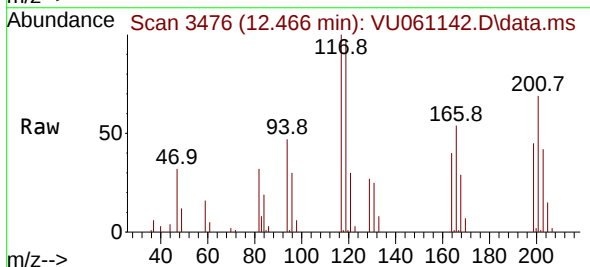
Tgt Ion:117 Resp: 18050
Ion Ratio Lower Upper
117 100
167 77.7 63.4 95.2

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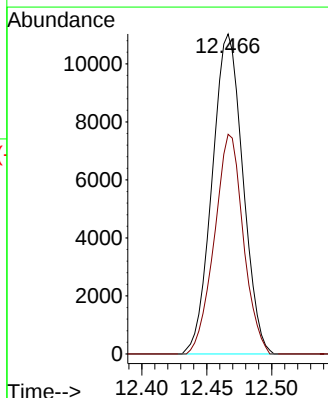
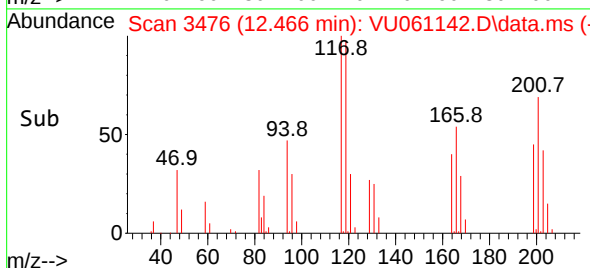
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

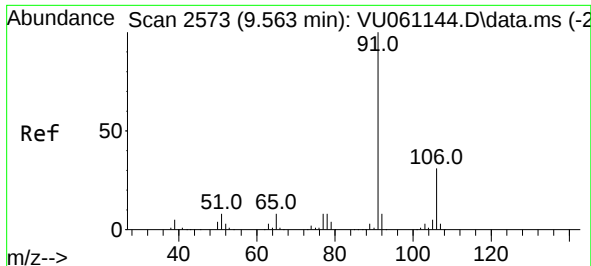


#62
Hexachloroethane
Concen: 1.894 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion:117 Resp: 18132
Ion Ratio Lower Upper
117 100
201 64.6 54.3 81.5





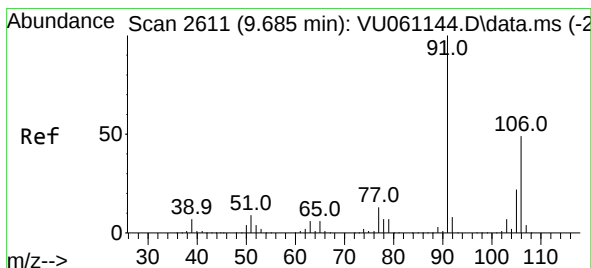
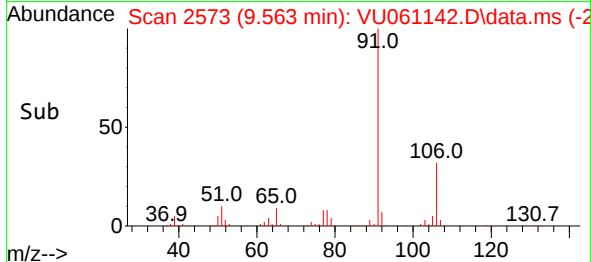
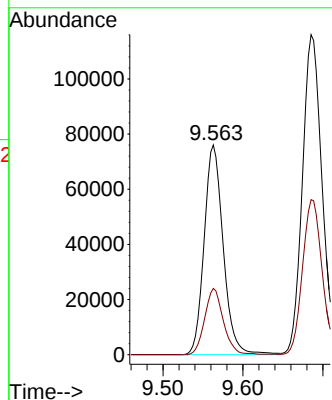
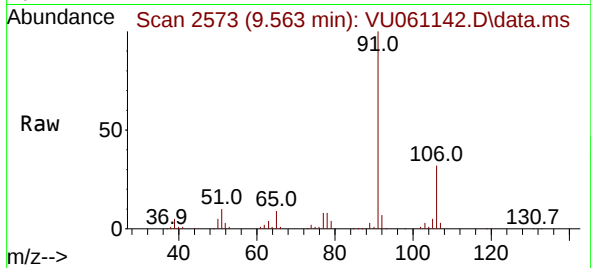
#63
Ethyl Benzene
Concen: 1.964 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 126662
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

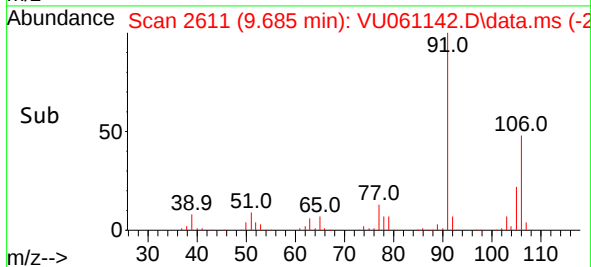
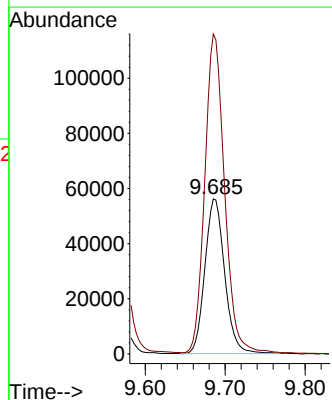
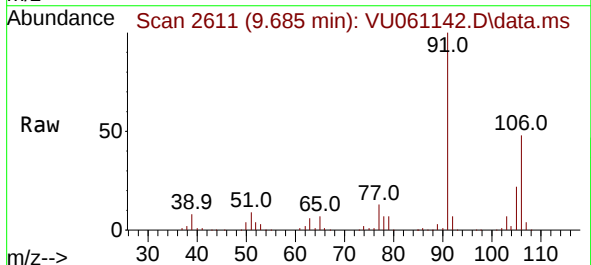
Manual Integrations
APPROVED

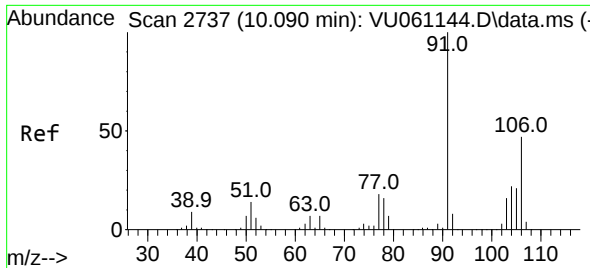
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 3.936 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:106 Resp: 96582
Ion Ratio Lower Upper
106 100
91 208.5 163.3 244.9





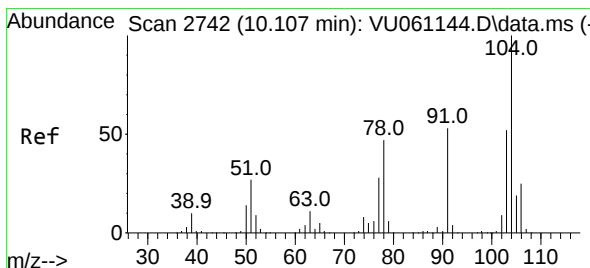
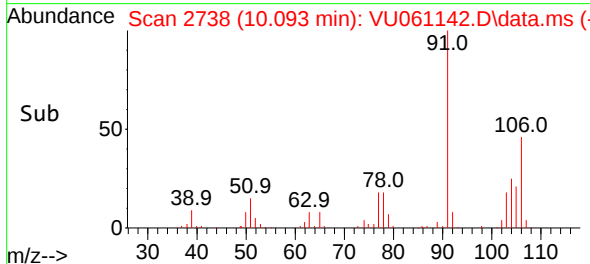
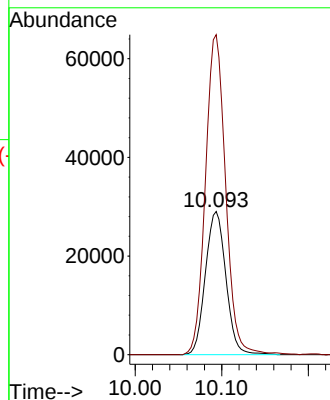
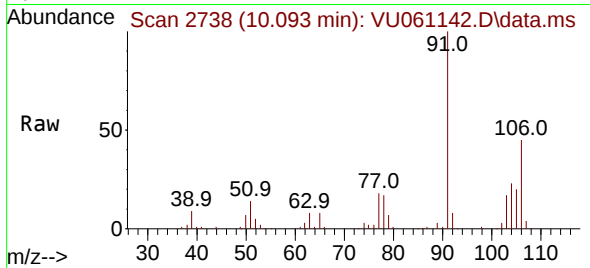
#65
o-Xylene
Concen: 1.980 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 219.8 106.9 320.8

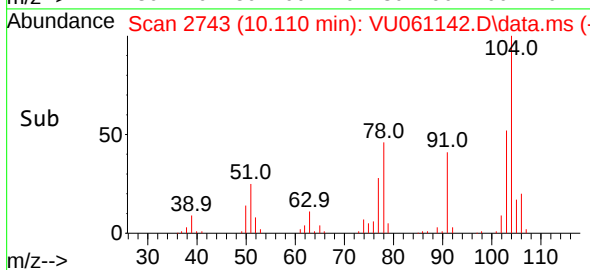
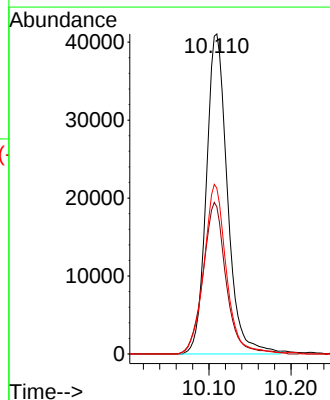
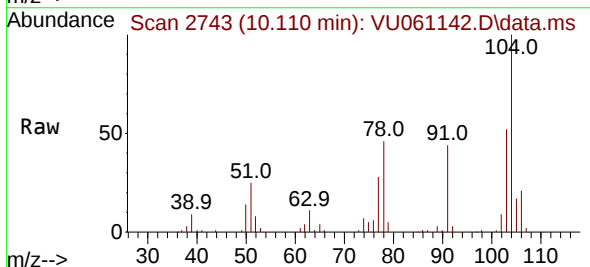
Manual Integrations
APPROVED

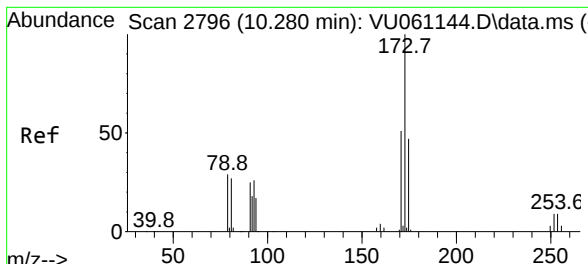
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 1.962 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:104 Resp: 73754
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 56.2 45.0 67.6





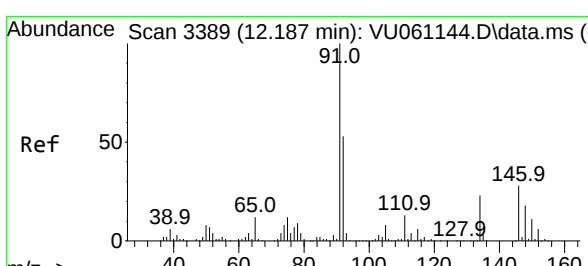
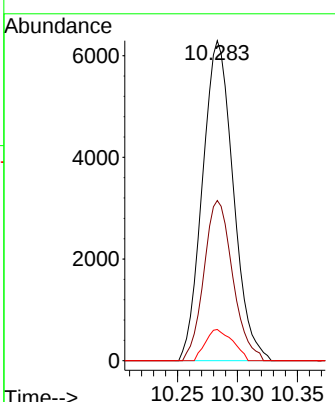
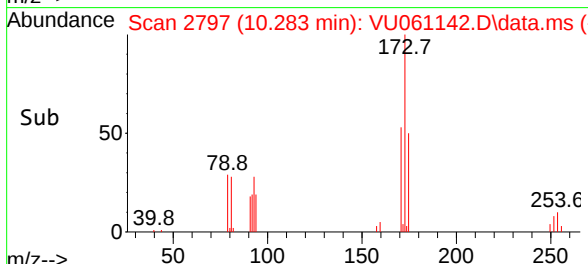
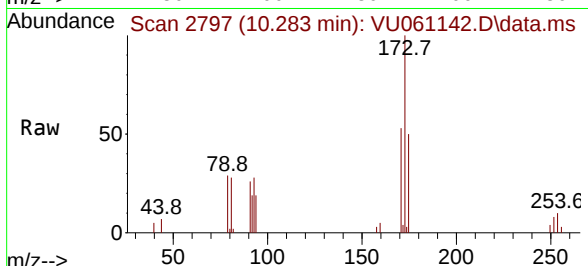
#67
 Bromoform
 Concen: 1.938 ug/l
 RT: 10.283 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Instrument : MSVOA_U
 ClientSampleId : VSTDICC002

Tgt Ion:173	Resp: 11224
Ion Ratio	Lower Upper
173 100	
175 46.9	37.8 56.8
254 8.6	7.0 10.4

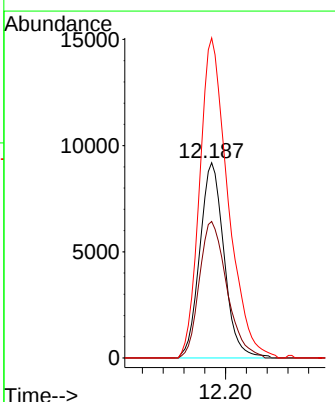
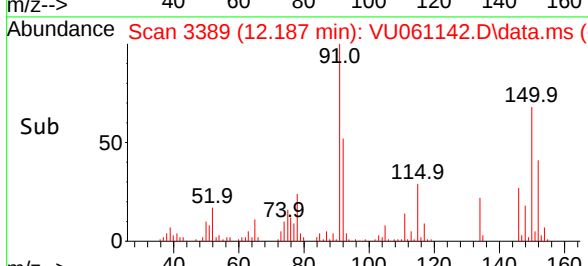
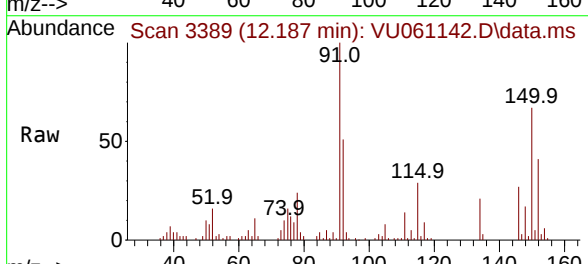
Manual Integrations
 APPROVED

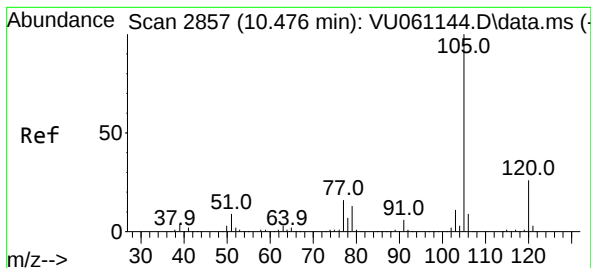
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.020 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. -0.000 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Tgt Ion:152	Resp: 14882
Ion Ratio	Lower Upper
152 100	
115 79.4	0.0 275.0
150 191.1	0.0 668.8





#69

Isopropylbenzene

Concen: 1.946 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 111910

Ion Ratio Lower Upper

105 100

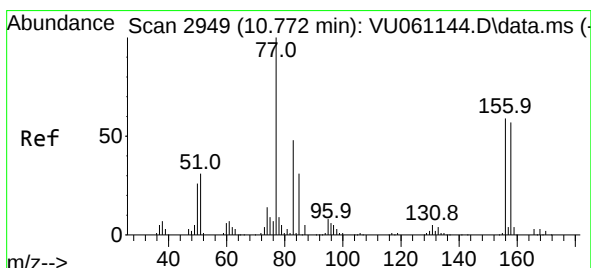
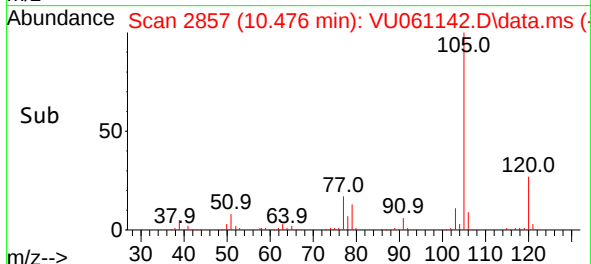
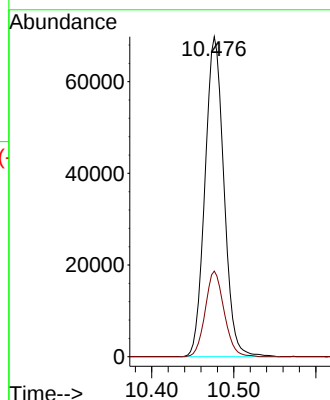
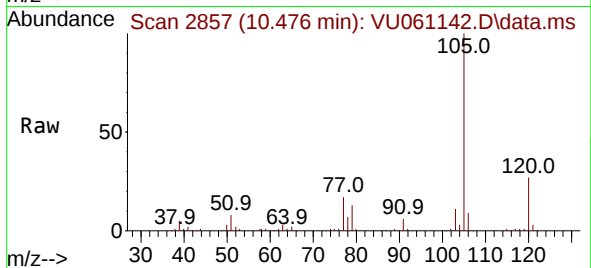
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 1.944 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

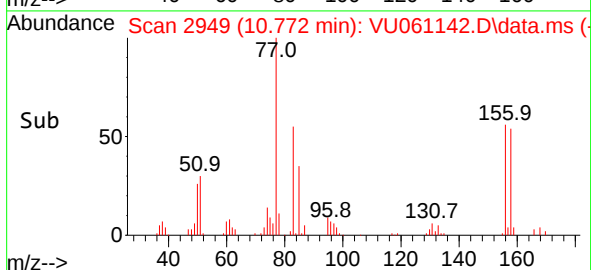
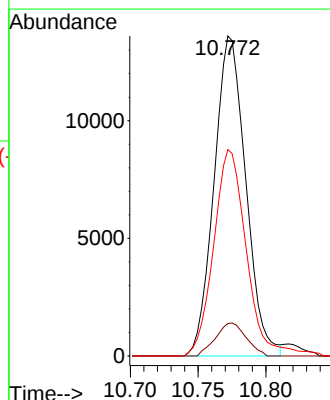
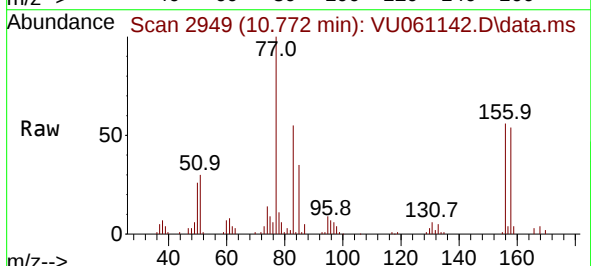
Tgt Ion: 83 Resp: 22114

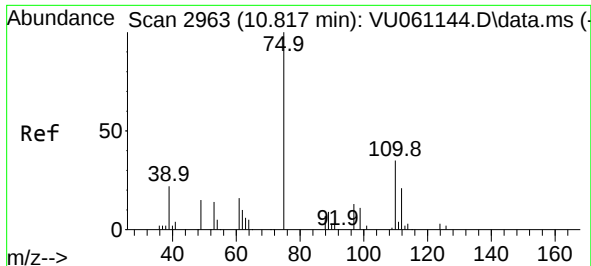
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

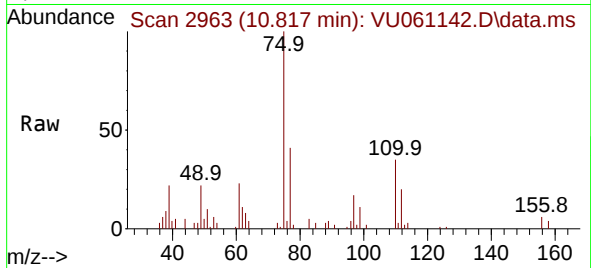
85 66.7 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 1.947 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

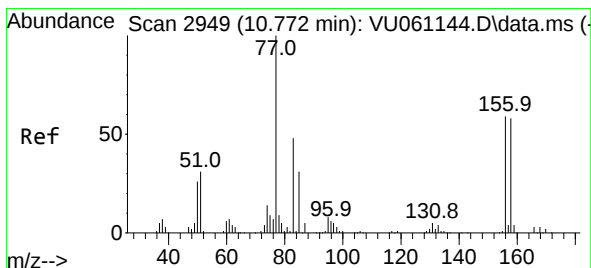
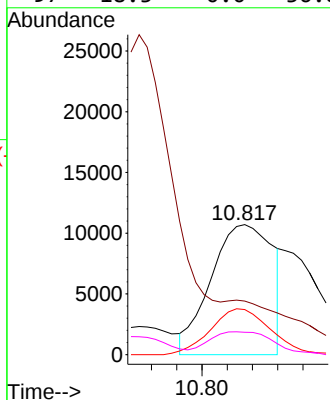
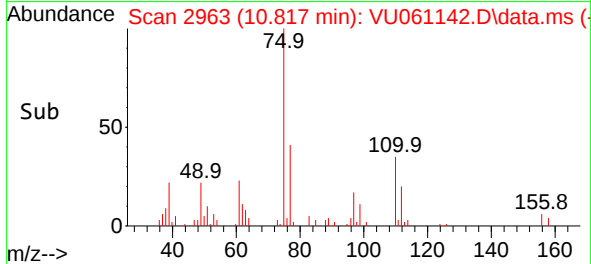
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 75	Resp: 1819
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 34.4	0.0 68.6
97 18.3	0.0 36.8

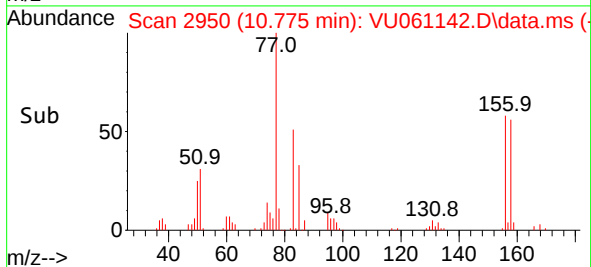
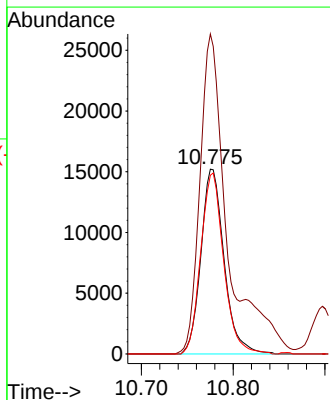
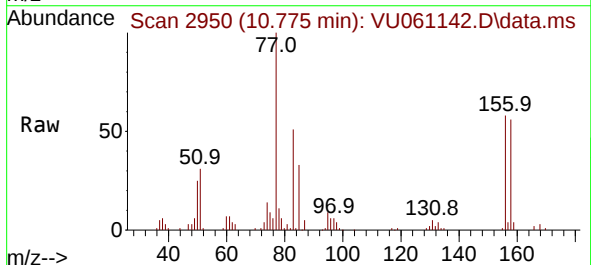
Manual Integrations
APPROVED

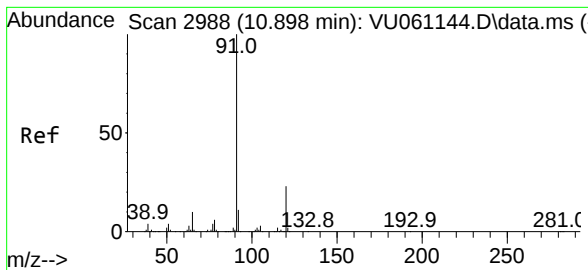
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#72
Bromobenzene
Concen: 1.932 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

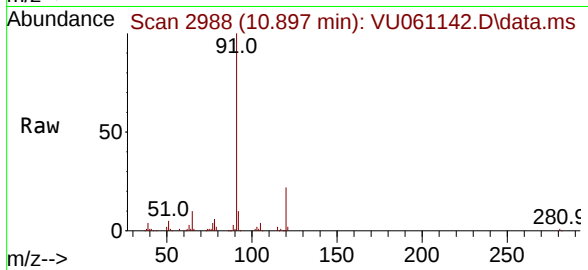
Tgt Ion:156	Resp: 26715
Ion Ratio	Lower Upper
156 100	
77 172.0	0.0 337.2
158 97.1	0.0 192.8





#73
n-propylbenzene
Concen: 1.936 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

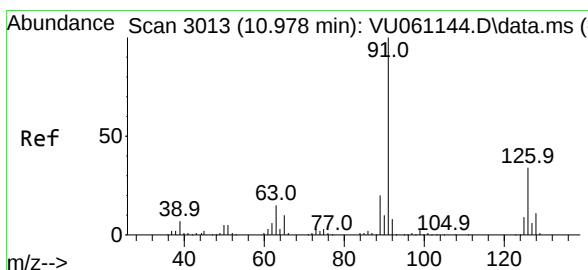
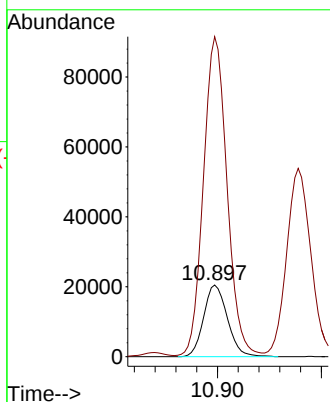
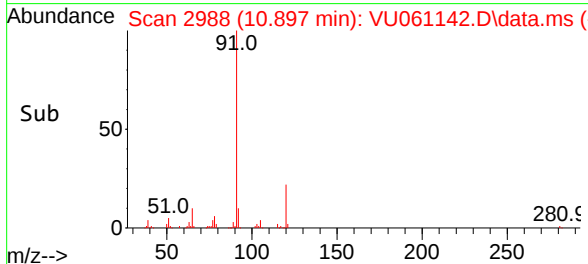
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



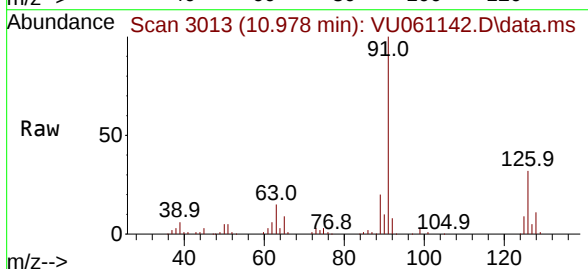
Tgt Ion:120 Resp: 32478
Ion Ratio Lower Upper
120 100
91 441.7 353.6 530.4

Manual Integrations
APPROVED

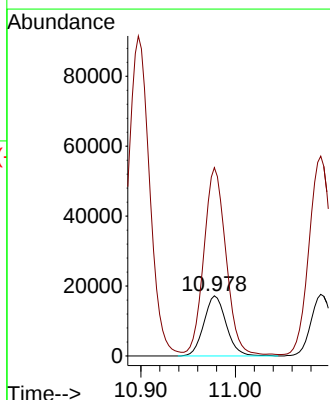
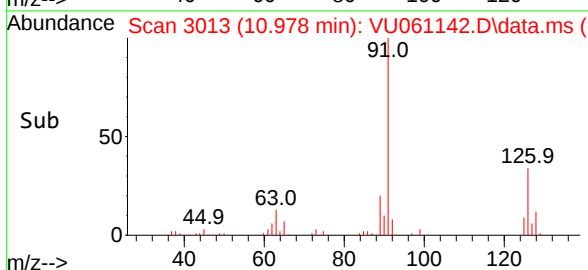
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

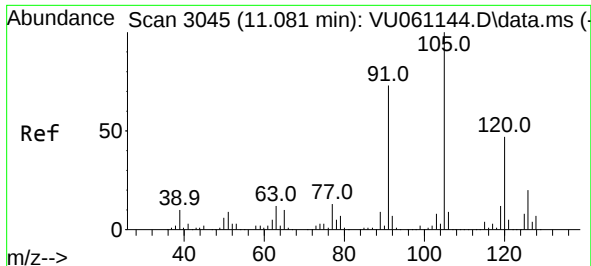


#74
2-Chlorotoluene
Concen: 1.944 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



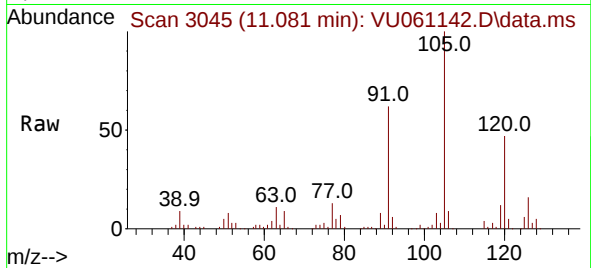
Tgt Ion:126 Resp: 28214
Ion Ratio Lower Upper
126 100
91 303.9 0.0 595.2





#75
1,3,5-Trimethylbenzene
Concen: 1.940 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

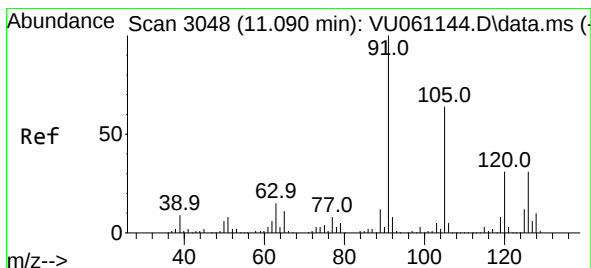
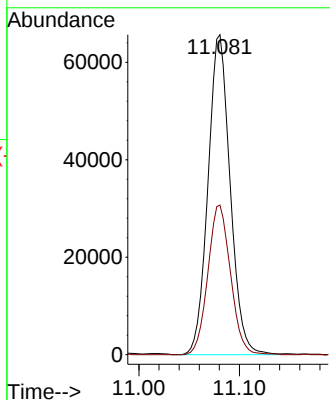
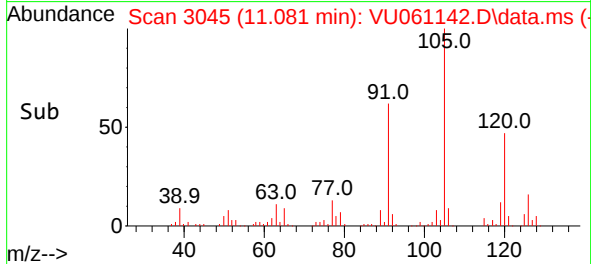
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



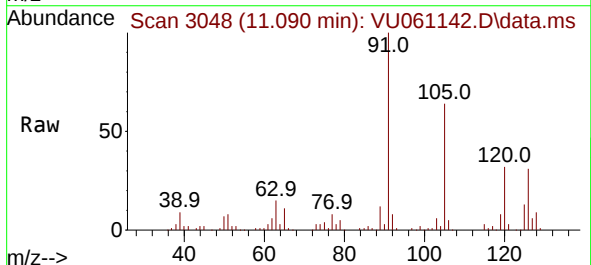
Tgt Ion:105 Resp: 100582
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0

Manual Integrations
APPROVED

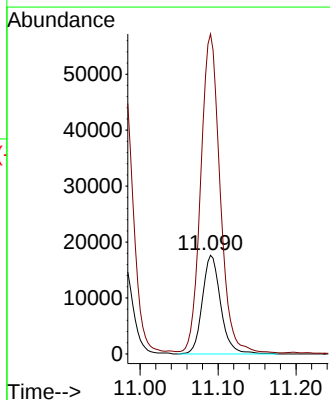
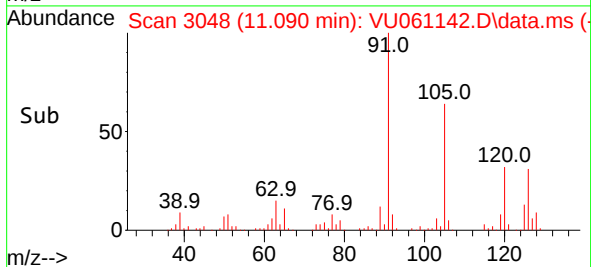
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

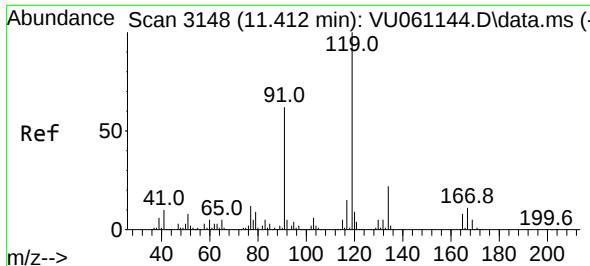


#76
4-Chlorotoluene
Concen: 1.958 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



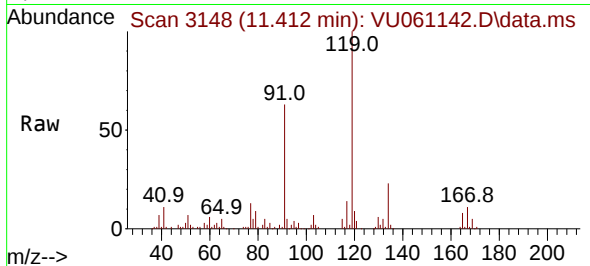
Tgt Ion:126 Resp: 28879
Ion Ratio Lower Upper
126 100
91 340.4 0.0 678.2





#77
tert-Butylbenzene
Concen: 1.953 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

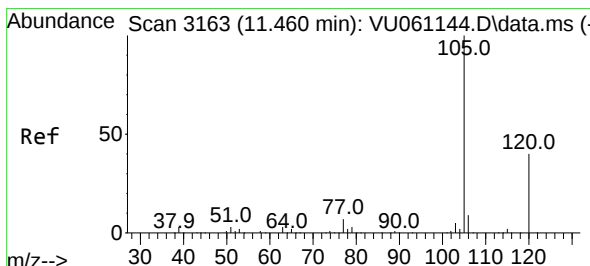
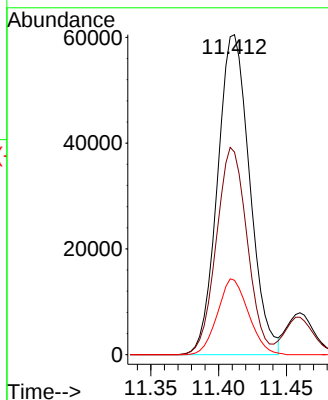
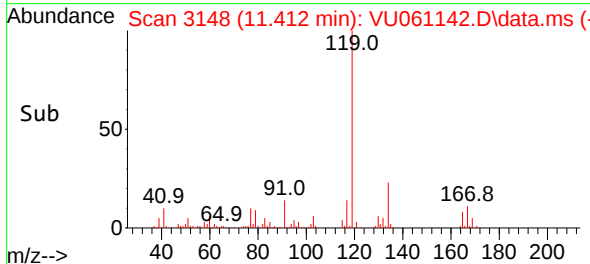
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



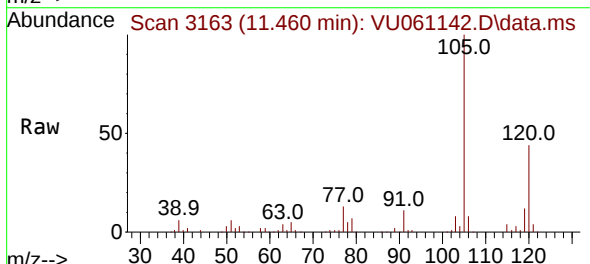
Tgt Ion:119 Resp: 100072
Ion Ratio Lower Upper
119 100
91 62.2 30.1 90.5
134 22.7 17.5 26.3

Manual Integrations
APPROVED

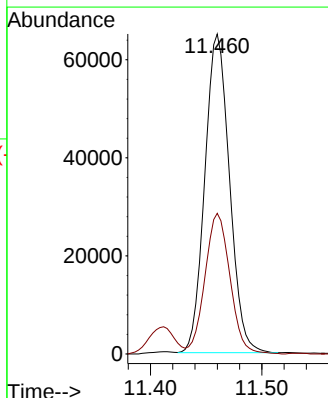
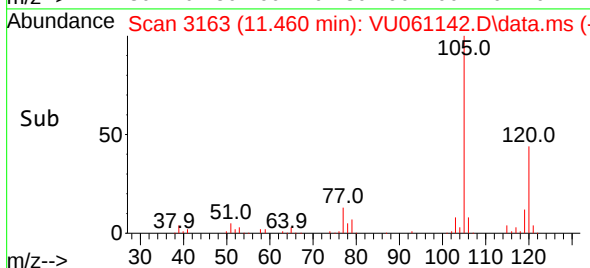
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

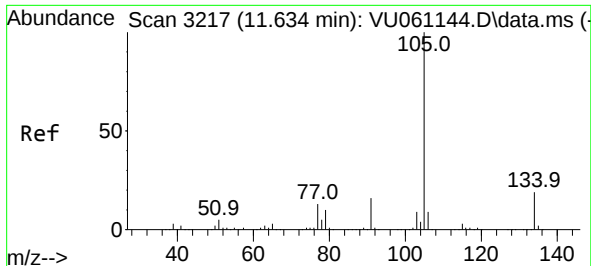


#78
1,2,4-Trimethylbenzene
Concen: 1.912 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



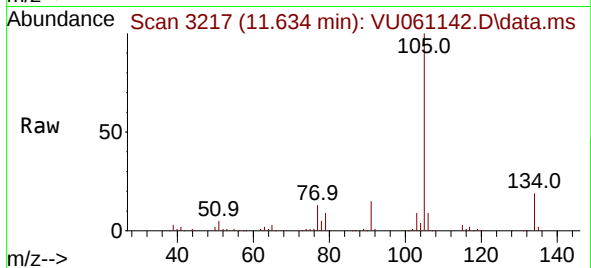
Tgt Ion:105 Resp: 100083
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





#79
sec-Butylbenzene
Concen: 1.951 ug/l
RT: 11.634 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

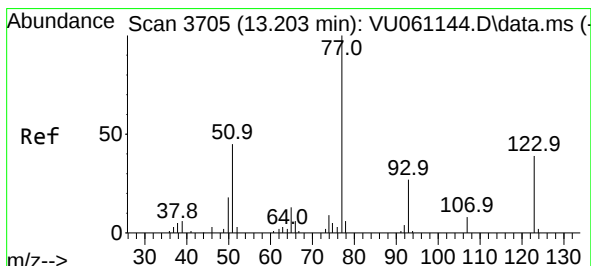
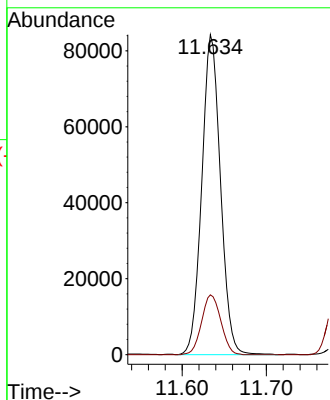
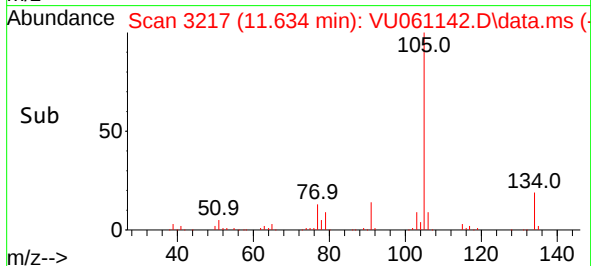
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:105 Resp: 13019
Ion Ratio Lower Upper
105 100
134 19.2 15.5 23.3

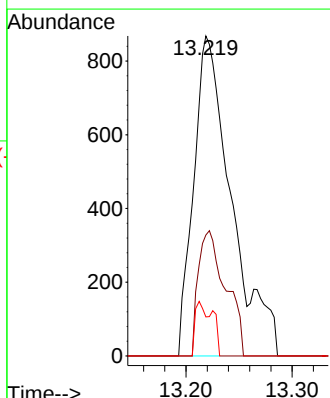
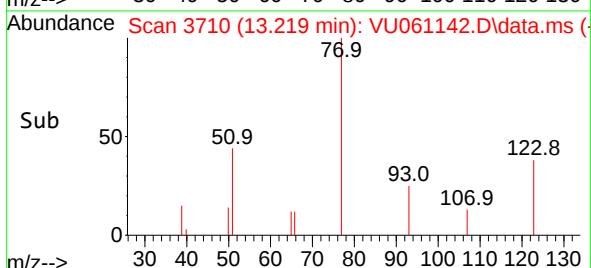
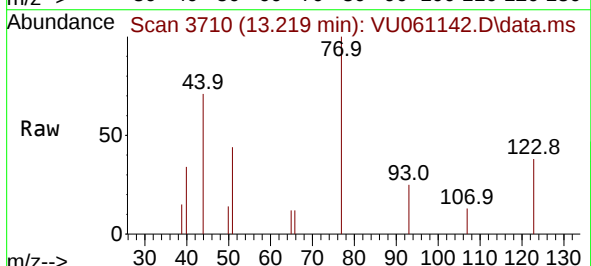
Manual Integrations
APPROVED

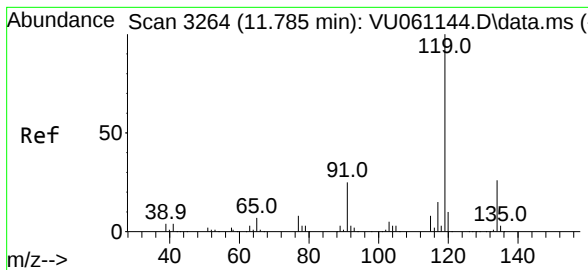
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#80
Nitrobenzene
Concen: 10.007 ug/l m
RT: 13.219 min Scan# 3710
Delta R.T. 0.016 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 77 Resp: 2137
Ion Ratio Lower Upper
77 100
123 28.4 15.6 55.2
65 7.7 10.7 13.7#





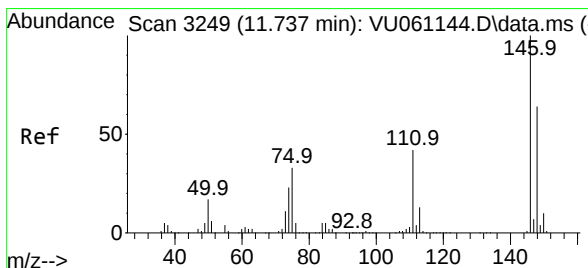
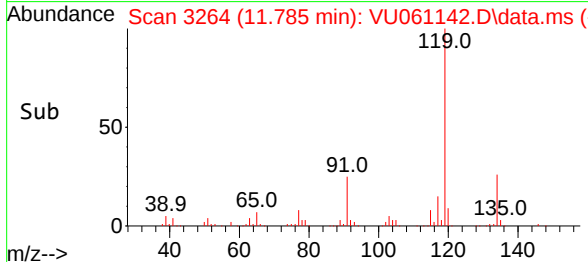
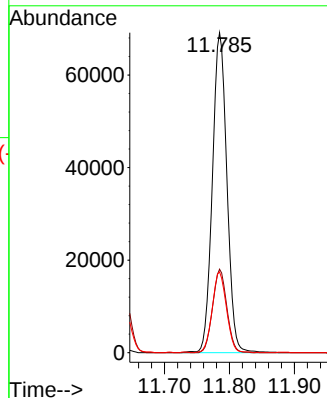
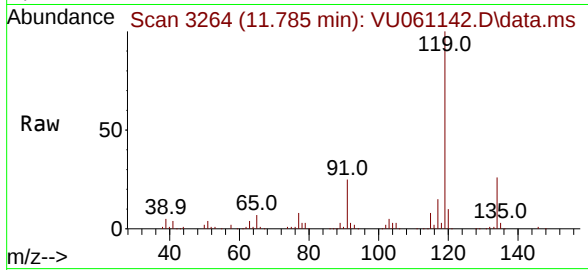
#81
p-Isopropyltoluene
Concen: 1.942 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 10731
Ion Ratio Lower Upper
119 100
134 25.5 21.0 31.6
91 24.8 19.8 29.8

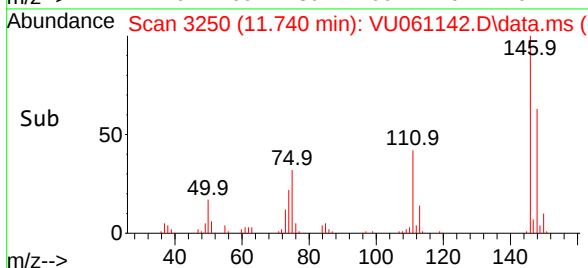
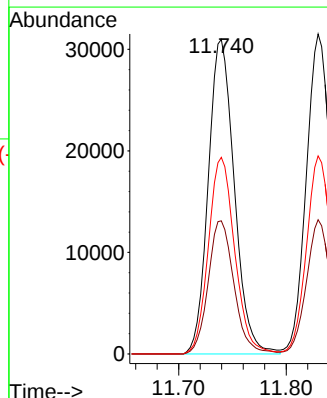
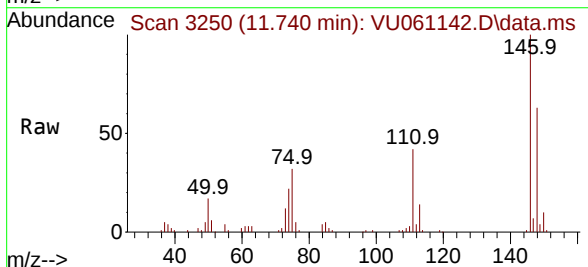
Manual Integrations
APPROVED

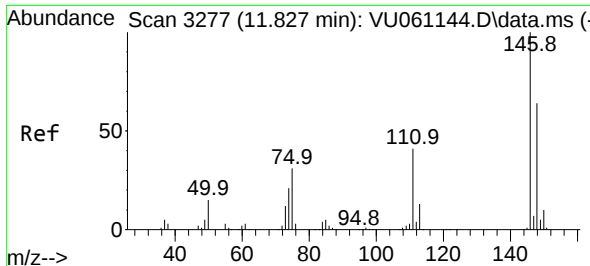
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#82
1,3-Dichlorobenzene
Concen: 1.968 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

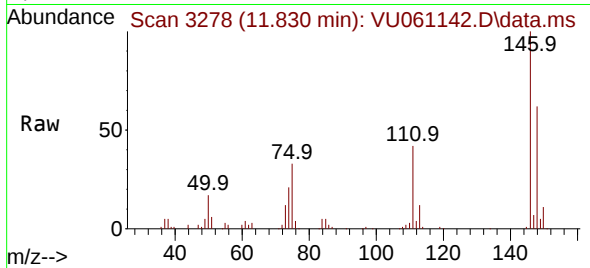
Tgt Ion:146 Resp: 52203
Ion Ratio Lower Upper
146 100
111 41.9 34.1 51.1
148 63.1 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 1.972 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

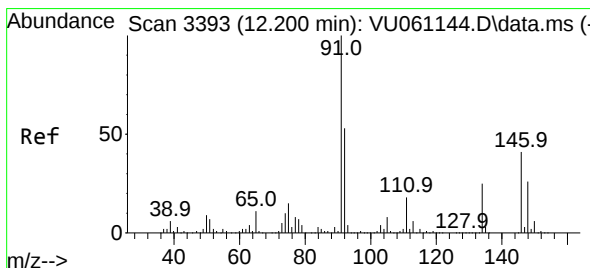
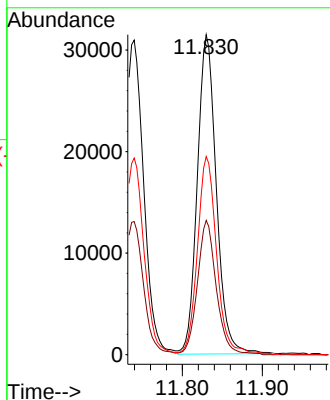
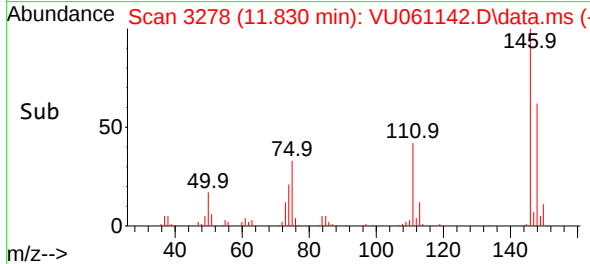
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



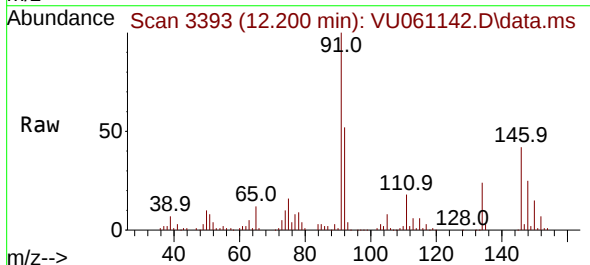
Tgt Ion:146 Resp: 5216
Ion Ratio Lower Upper
146 100
111 41.8 32.1 48.1
148 62.9 50.3 75.5

Manual Integrations
APPROVED

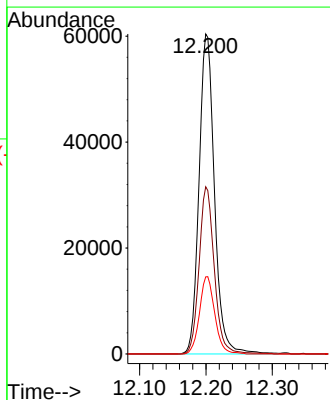
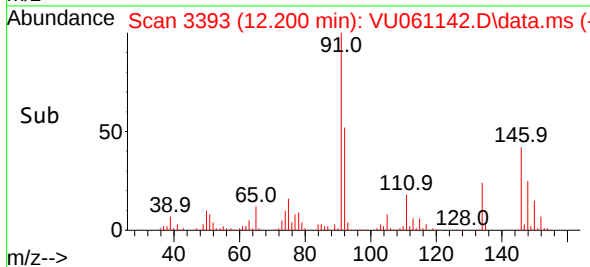
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

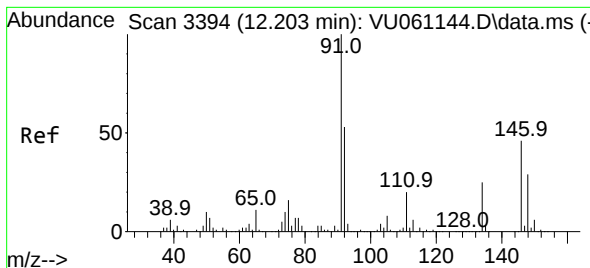


#84
n-Butylbenzene
Concen: 1.908 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion: 91 Resp: 97800
Ion Ratio Lower Upper
91 100
92 51.6 41.8 62.8
134 23.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 1.959 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

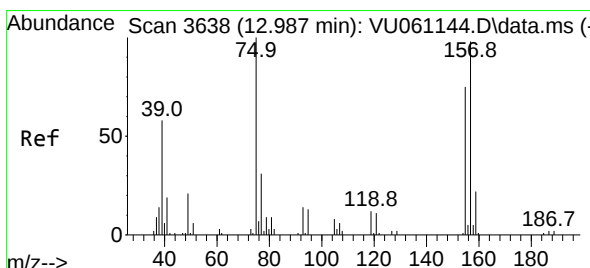
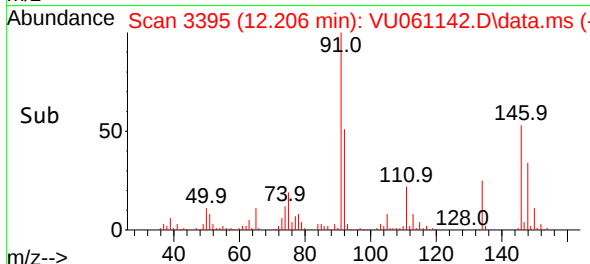
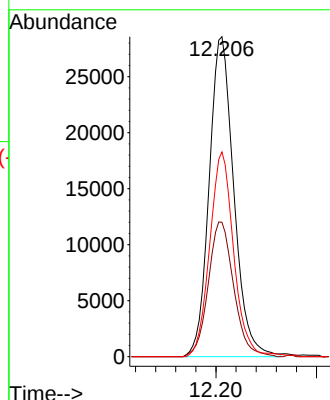
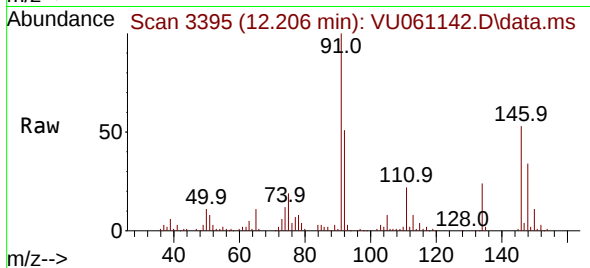
Tgt Ion:146 Resp: 48586

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.7
148	62.6	31.9	95.5

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.852 ug/l

RT: 12.990 min Scan# 3639

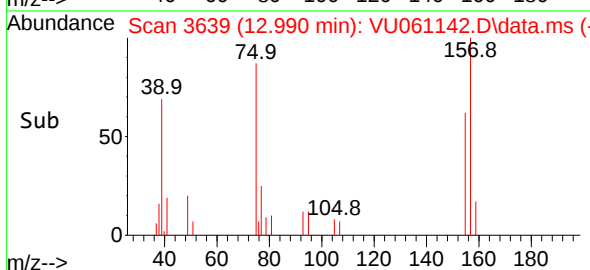
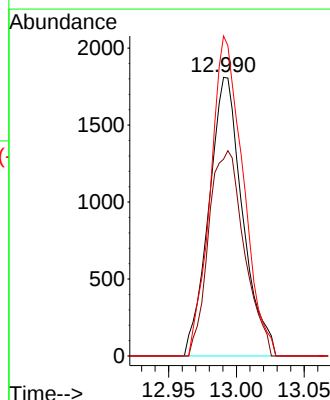
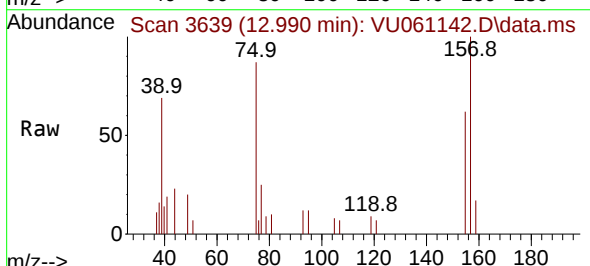
Delta R.T. 0.003 min

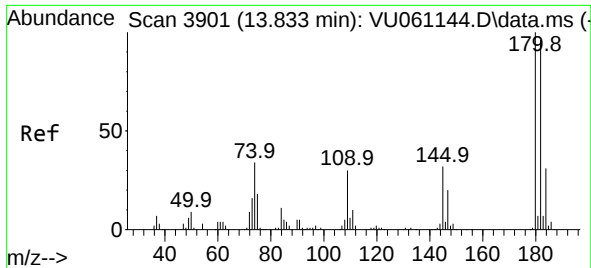
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion: 75 Resp: 3126

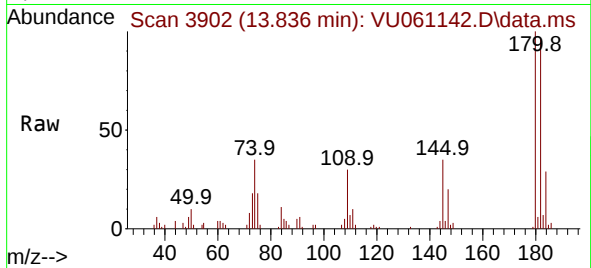
Ion	Ratio	Lower	Upper
75	100		
155	77.8	61.4	92.0
157	111.2	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 1.852 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

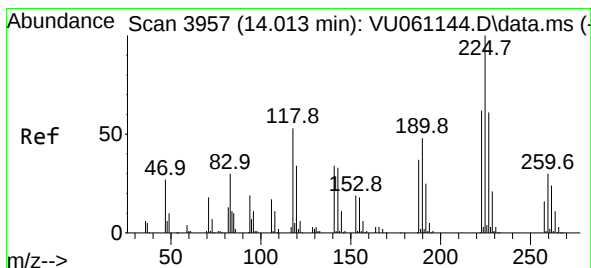
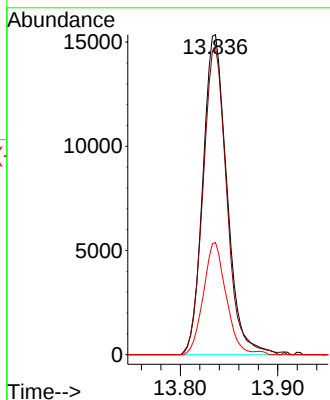
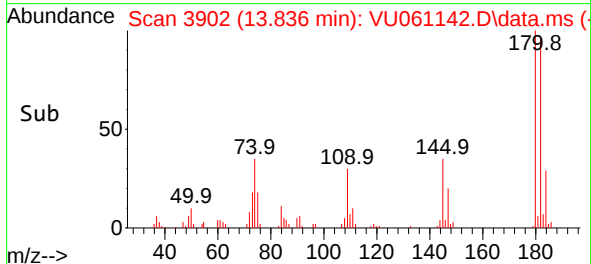
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



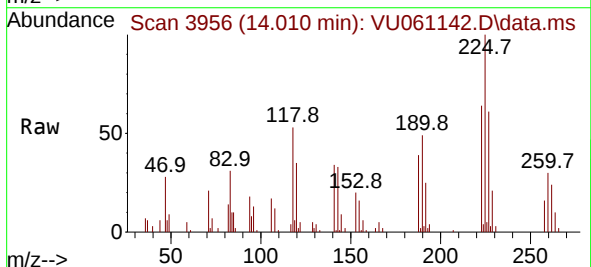
Tgt Ion:180 Resp: 2626
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
145 33.1 25.7 38.5

Manual Integrations
APPROVED

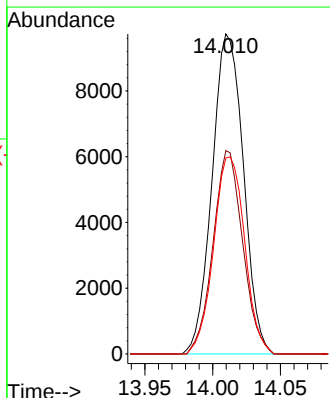
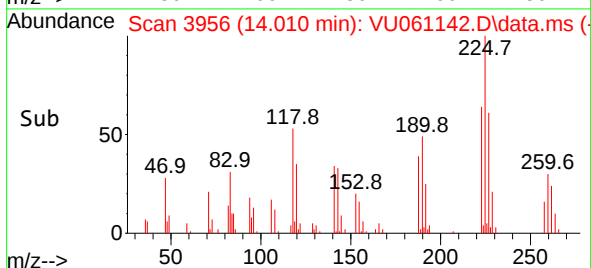
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

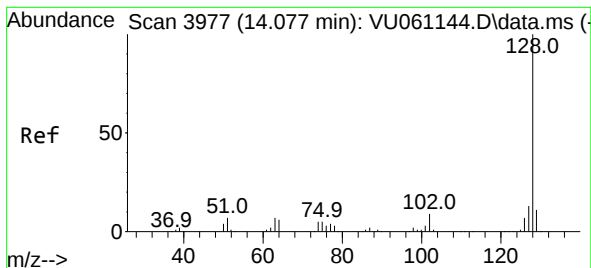


#88
Hexachlorobutadiene
Concen: 1.950 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion:225 Resp: 15637
Ion Ratio Lower Upper
225 100
223 60.2 51.4 77.2
227 61.1 50.3 75.5





#89

Naphthalene

Concen: 1.780 ug/l

RT: 14.084 min Scan# 3977

Delta R.T. 0.006 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

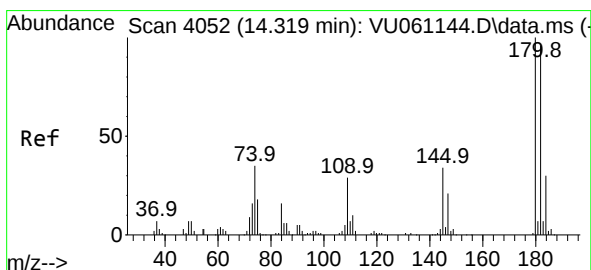
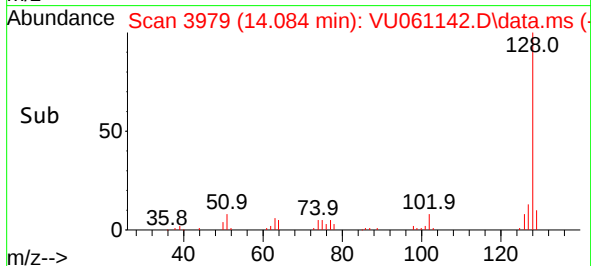
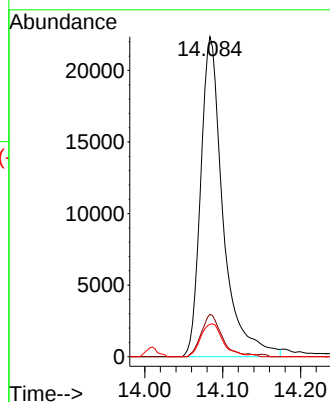
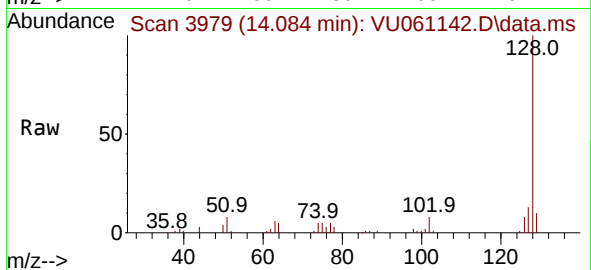
VSTDICC002

Tgt Ion:128	Resp: 44550
Ion Ratio	Lower Upper
128 100	
127 12.3	10.6 16.0
129 10.2	8.7 13.1

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 1.838 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:180	Resp: 23414
Ion Ratio	Lower Upper
180 100	
182 97.1	76.2 114.4
145 32.1	26.8 40.2

