

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061144.D
 Acq On : 17 Oct 2024 13:06
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:36:00 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	29103	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	16240	1.050	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16067	1.055	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	171412	10.694	ug/l	100
3) Chloromethane	1.515	50	156848	10.285	ug/l	100
4) Vinyl Chloride	1.602	62	166805	10.650	ug/l	100
5) Bromomethane	1.856	94	105987	10.770	ug/l	100
6) Chloroethane	1.930	64	109981	10.479	ug/l	100
7) Trichlorofluoromethane	2.133	101	234063	10.506	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	120478	10.876	ug/l	100
9) 1,1-Dichloroethene	2.573	96	125357	10.856	ug/l	100
10) Iodomethane	2.718	142	151481	9.310	ug/l	100
11) Allyl Chloride	2.917	41	161631	10.867	ug/l	100
12) Acrylonitrile	3.319	53	48923	21.058	ug/l	100
13) Acetone	2.647	43	172660	57.003	ug/l	100
14) Carbon Disulfide	2.789	76	424385	10.667	ug/l	100
15) Methylene Chloride	3.039	84	147351	9.860	ug/l	100
16) trans-1,2-Dichloroethene	3.345	96	146446	10.814	ug/l	100
17) 1,1-Dichloroethane	3.859	63	256622	10.688	ug/l	100
18) 2-Butanone	4.705	43	206495	57.280	ug/l	100
19) Cyclohexane	5.380	56	231517m	10.765	ug/l	
20) Methylcyclohexane	6.756	83	267638	11.161	ug/l	100
21) 2,2-Dichloropropane	4.653	77	236650	10.684	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	159109	10.785	ug/l	100
23) Diethyl Ether	2.371	59	91894	10.242	ug/l	100
24) tert-Butyl Alcohol	3.255	59	87684m	93.864	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	327908	10.600	ug/l	100
26) Bromochloromethane	4.965	128	65160	10.562	ug/l	100
27) Chloroform	5.078	83	269635	10.709	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	241234	10.867	ug/l	100
29) 1,1-Dichloropropene	5.518	75	213473	10.878	ug/l	100
30) Carbon Tetrachloride	5.515	117	213010	11.059	ug/l	100
31) Isopropyl Ether	3.981	45	369168	10.777	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	379286	10.769	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	343529	10.837	ug/l	100
34) Propionitrile	4.792	54	49907	55.952	ug/l	100
35) Benzene	5.766	78	597522	10.816	ug/l	100
36) 1,2-Dichloroethane	5.785	62	168112	10.778	ug/l	100
37) Trichloroethene	6.534	130	159070	10.788	ug/l	100
38) 1,2-Dichloropropane	6.779	63	152636	10.909	ug/l	100
39) Methacrylonitrile	4.968	41	36732	11.526	ug/l	100
40) Methyl acrylate	4.843	55	67464	10.535	ug/l	100
41) Tetrahydrofuran	5.055	42	38180	20.163	ug/l	100
42) 1-Chlorobutane	5.448	56	278871	11.079	ug/l	100
43) Dibromomethane	6.911	93	76922	10.602	ug/l	100
44) Bromodichloromethane	7.097	83	190710	10.809	ug/l	100

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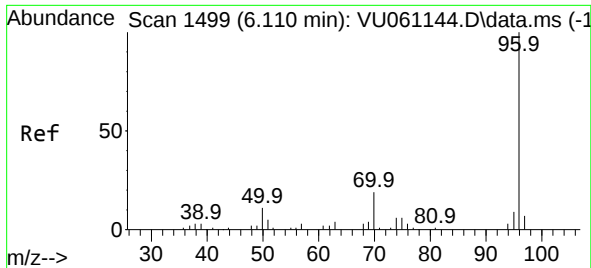
Manual Integrations
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 Supervised By :Mahesh Dadoda 10/21/2024

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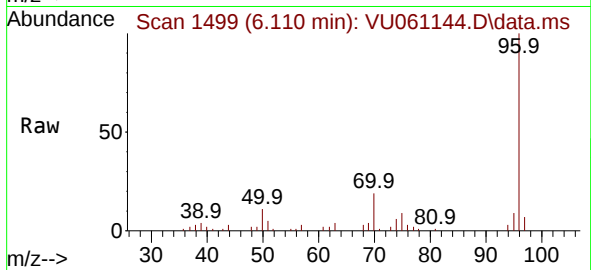
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	393406	54.017	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	68297m	22.664	ug/l	
47) Methyl methacrylate	6.952	69	140308	22.252	ug/l	100
48) Ethyl methacrylate	8.325	69	147884	10.999	ug/l	100
49) Toluene	7.962	92	383599	10.992	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	189562	11.144	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	233044	11.166	ug/l	100
52) 1,1,2-Trichloroethane	8.390	97	104049	10.634	ug/l	100
53) 1,3-Dichloropropane	8.566	76	185061	10.768	ug/l	100
54) 2-Hexanone	8.676	43	337955	56.486	ug/l	100
55) Dibromochloromethane	8.801	129	128226	11.101	ug/l	100
56) 1,2-Dibromoethane	8.917	107	101746	10.838	ug/l	100
58) Tetrachloroethene	8.547	164	135059	10.802	ug/l	100
59) Chlorobenzene	9.438	112	411271	10.940	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	138433	10.915	ug/l	100
61) Pentachloroethane	11.418	117	110336	11.368	ug/l	100
62) Hexachloroethane	12.467	117	115076	11.508	ug/l	100
63) Ethyl Benzene	9.563	91	740437	10.994	ug/l	100
64) m/p-Xylenes	9.685	106	572087	22.319	ug/l	100
65) o-Xylene	10.090	106	279160	11.057	ug/l	100
66) Styrene	10.107	104	443429	11.293	ug/l	100
67) Bromoform	10.280	173	68967	11.402	ug/l	100
69) Isopropylbenzene	10.476	105	666474	11.097	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	127593	10.736	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	101912m	10.440	ug/l	
72) Bromobenzene	10.772	156	157710	10.921	ug/l	100
73) n-propylbenzene	10.898	120	198647	11.335	ug/l	100
74) 2-Chlorotoluene	10.978	126	168578	11.121	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	608778	11.242	ug/l	100
76) 4-Chlorotoluene	11.090	126	172596	11.203	ug/l	100
77) tert-Butylbenzene	11.412	119	601684	11.241	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	616693	11.280	ug/l	100
79) sec-Butylbenzene	11.634	105	790729	11.344	ug/l	100
80) Nitrobenzene	13.203	77	16914m	49.659	ug/l	
81) p-Isopropyltoluene	11.785	119	652561	11.308	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	310695	11.214	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	311830	11.288	ug/l	100
84) n-Butylbenzene	12.200	91	622318	11.623	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	286009	11.041	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	21116	11.974	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	175218	11.827	ug/l	100
88) Hexachlorobutadiene	14.013	225	94798	11.317	ug/l	100
89) Naphthalene	14.077	128	302281	11.563	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	155440	11.679	ug/l	100

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

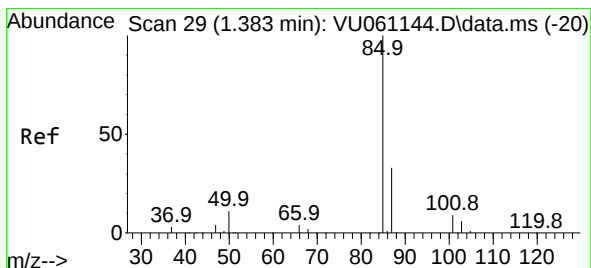
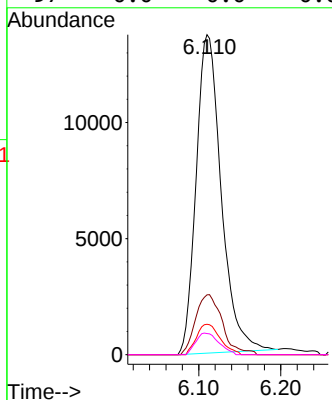
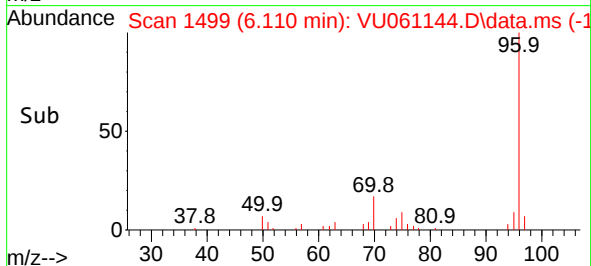
Instrument : MSVOA_U
ClientSampleId : VSTDICCC010



Tgt Ion	96	Resp:	2910
Ion Ratio	100	Lower	Upper
96	100		
70	20.1	16.1	24.1
95	0.0	0.0	0.0
97	0.0	0.0	0.0

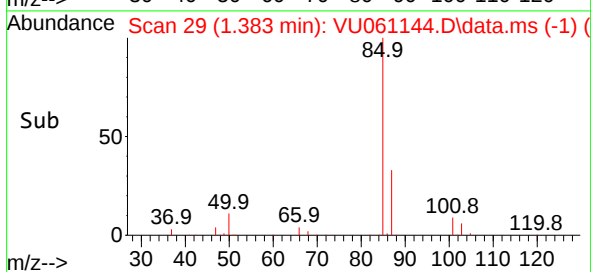
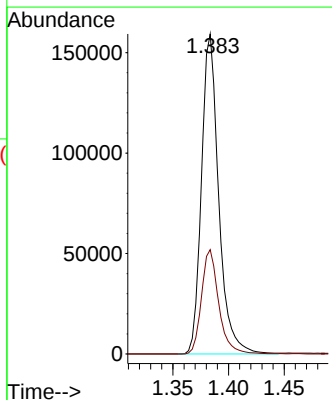
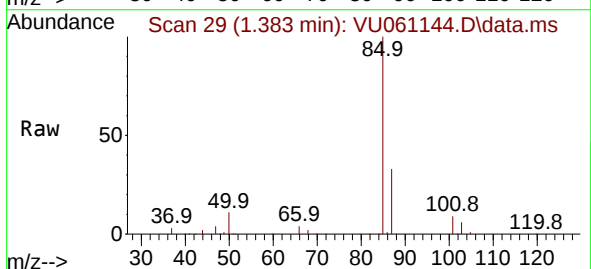
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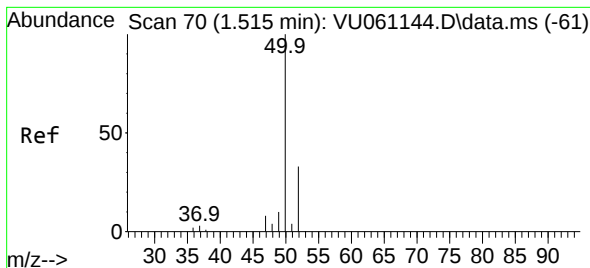
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#2
Dichlorodifluoromethane
Concen: 10.694 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion	85	Resp:	171412
Ion Ratio	100	Lower	Upper
85	100		
87	32.6	16.3	48.9





#3

Chloromethane

Concen: 10.285 ug/l

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 15684

Ion Ratio Lower Upper

50 100

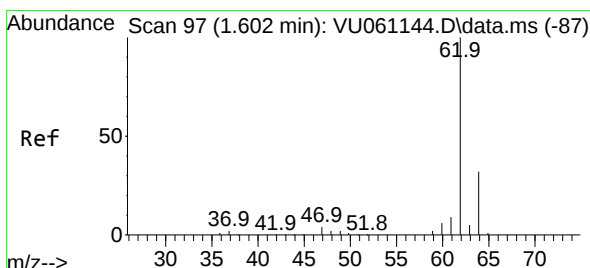
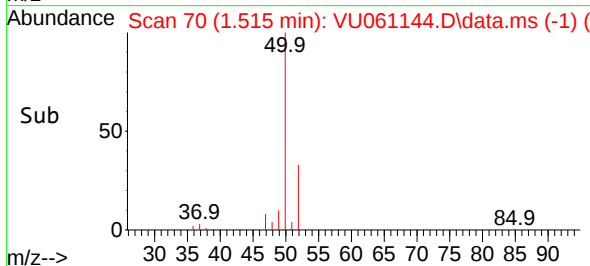
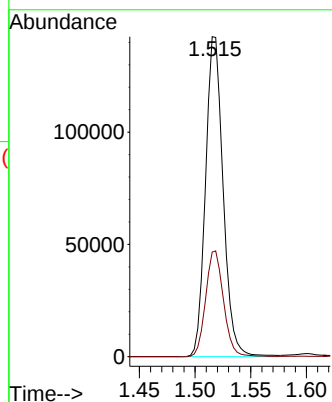
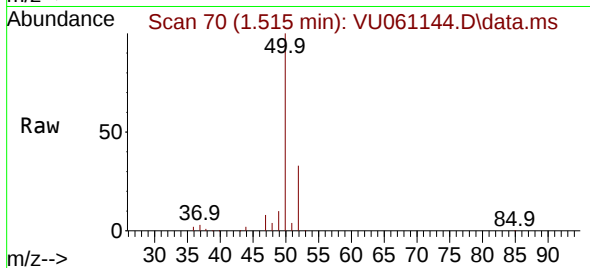
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.650 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU061144.D

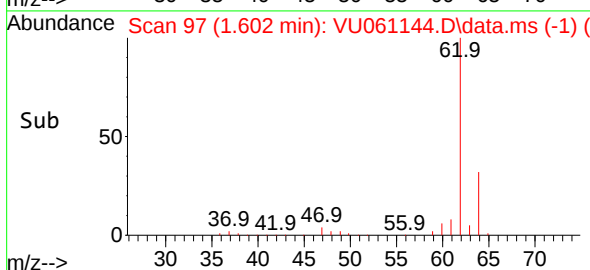
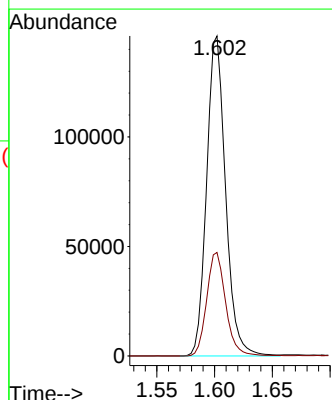
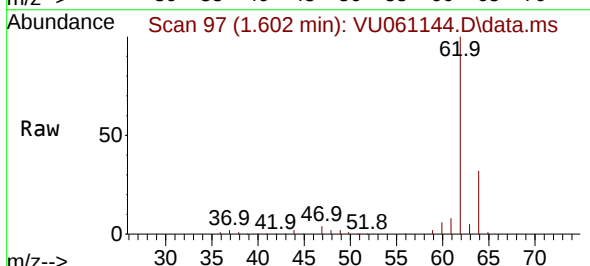
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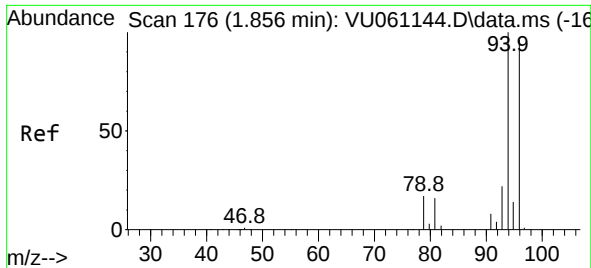
Tgt Ion: 62 Resp: 166805

Ion Ratio Lower Upper

62 100

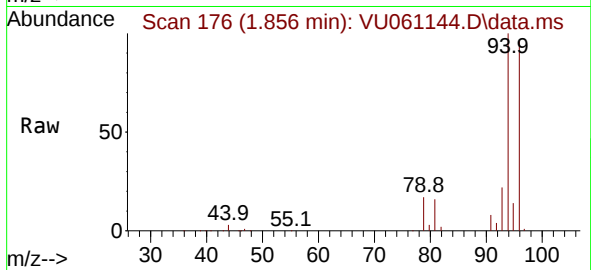
64 32.4 25.9 38.9





#5
Bromomethane
Concen: 10.770 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

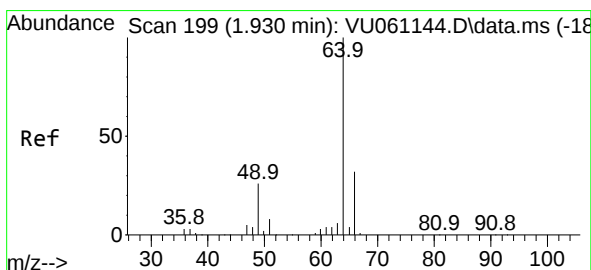
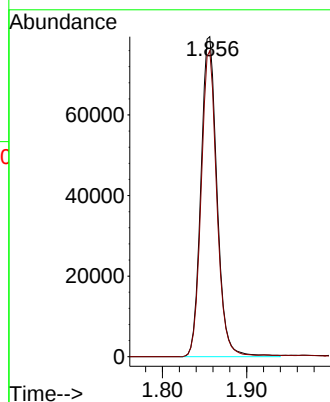
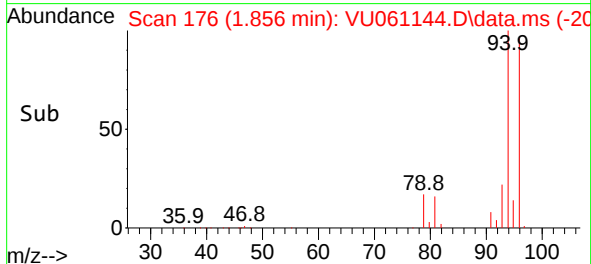
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 10598
Ion Ratio Lower Upper
94 100
96 95.6 76.5 114.7

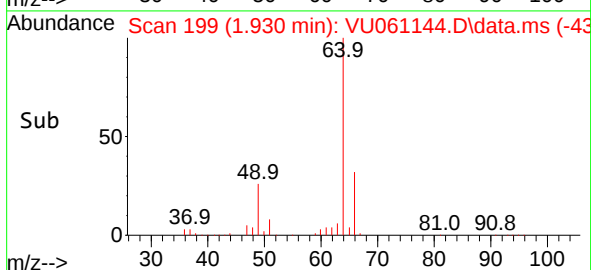
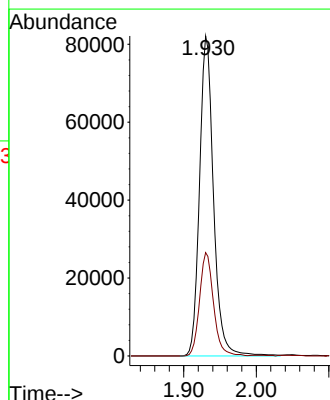
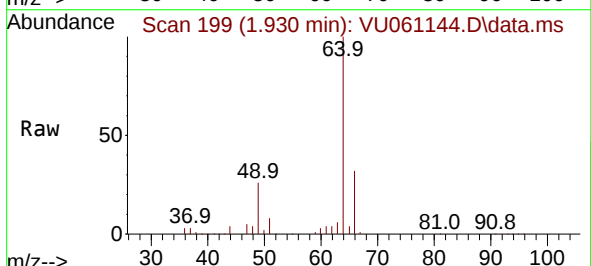
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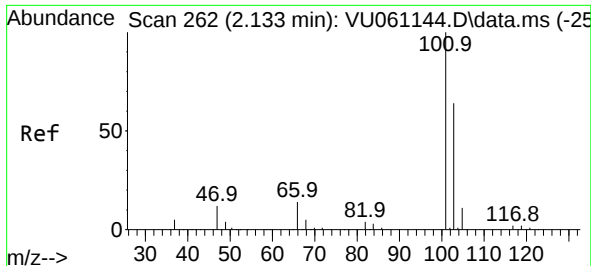
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#6
Chloroethane
Concen: 10.479 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

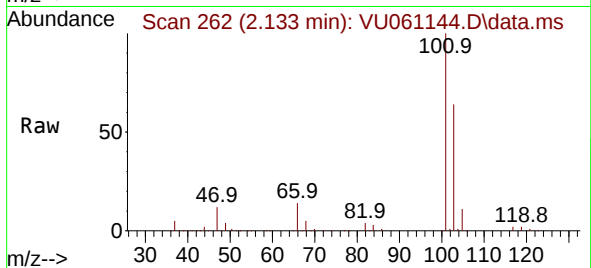
Tgt Ion: 64 Resp: 109981
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8





#7
Trichlorofluoromethane
Concen: 10.506 ug/l
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

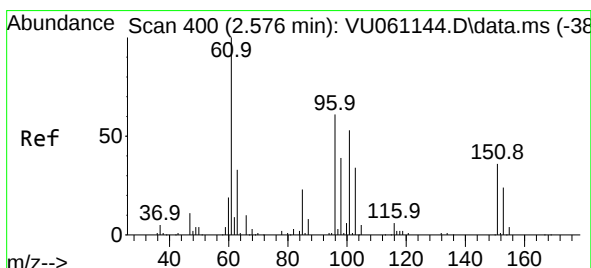
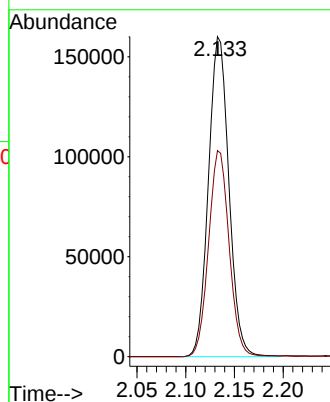
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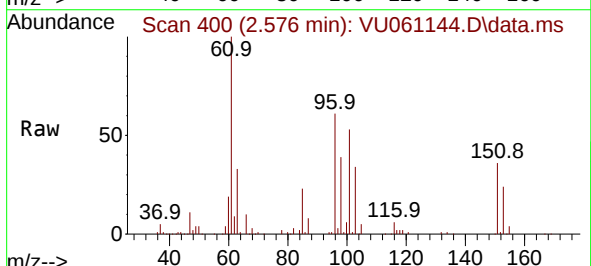
Tgt Ion:101 Resp: 23406
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

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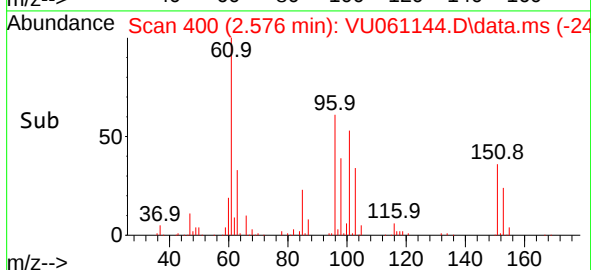
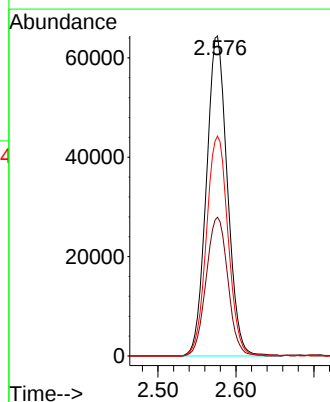
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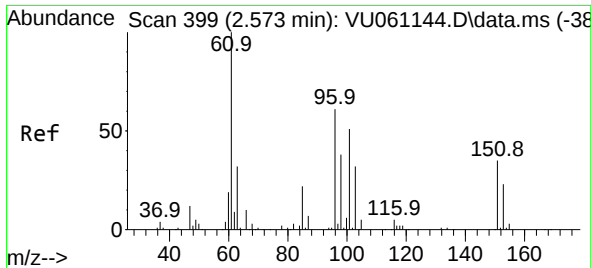


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.876 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06



Tgt Ion:101 Resp: 120478
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.8
151 70.3 56.2 84.4





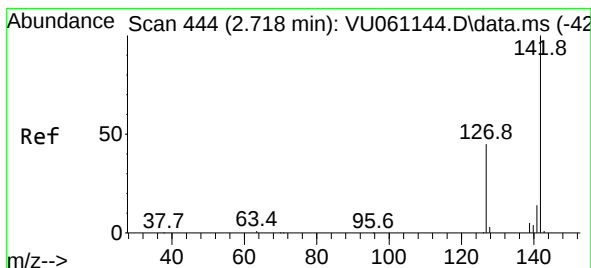
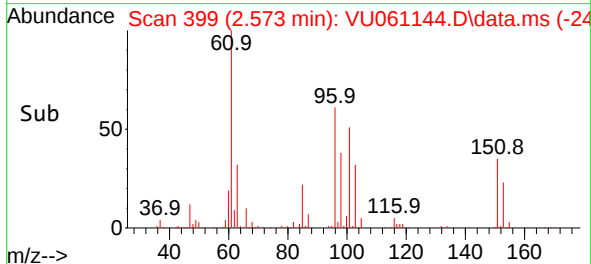
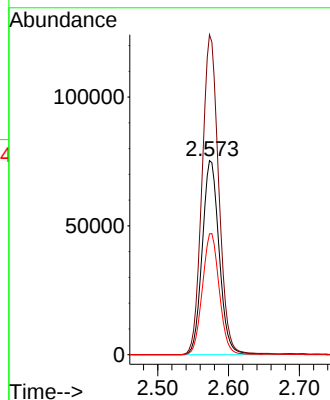
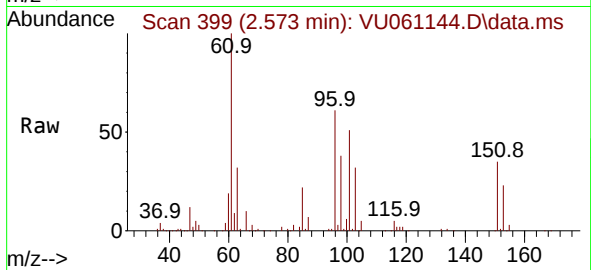
#9
1,1-Dichloroethene
Concen: 10.856 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96 Resp: 12535
Ion Ratio Lower Upper
96 100
61 164.8 0.0 494.4
98 62.2 0.0 124.4

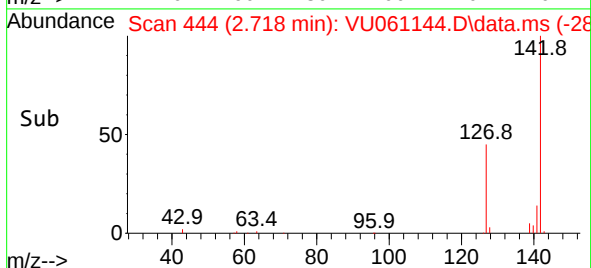
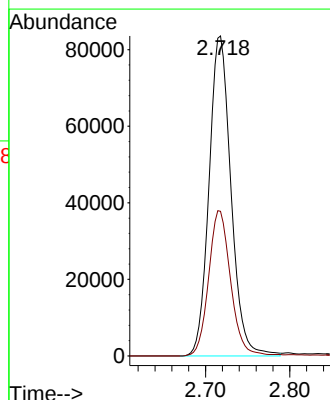
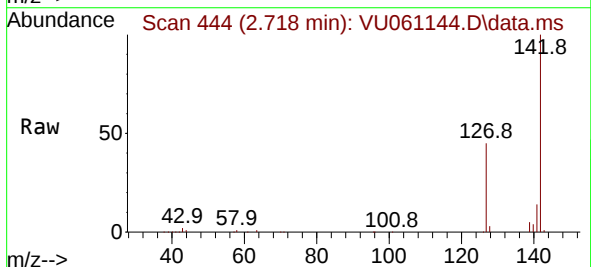
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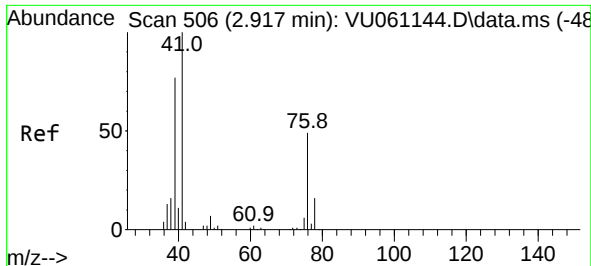
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#10
Iodomethane
Concen: 9.310 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

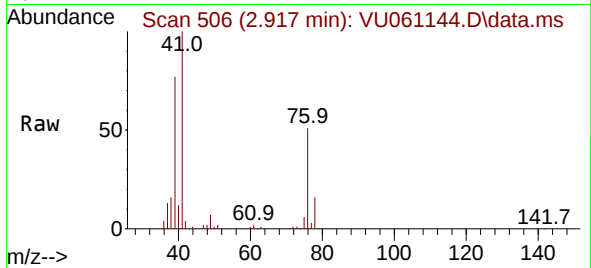
Tgt Ion:142 Resp: 151481
Ion Ratio Lower Upper
142 100
127 45.3 36.2 54.4





#11
 Allyl Chloride
 Concen: 10.867 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

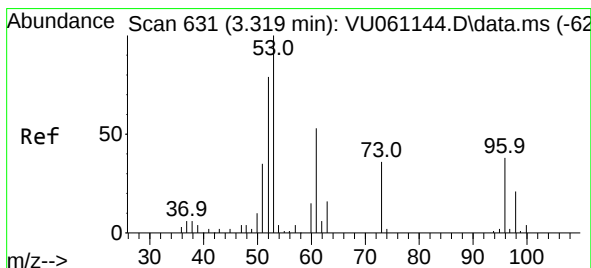
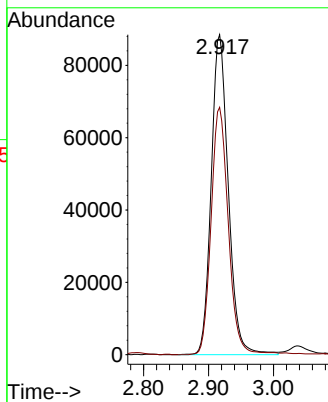
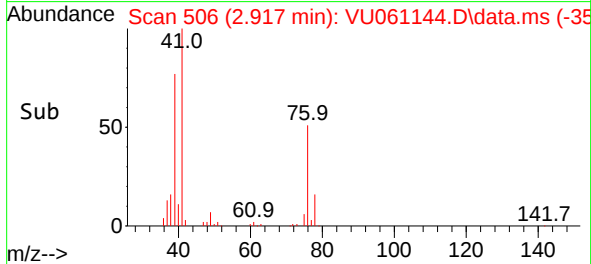
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



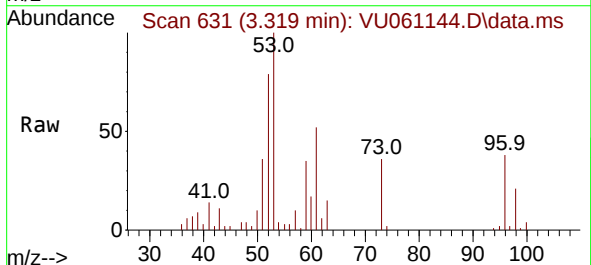
Tgt Ion: 41 Resp: 16163
 Ion Ratio Lower Upper
 41 100
 39 78.0 62.4 93.6

Manual Integrations
 APPROVED

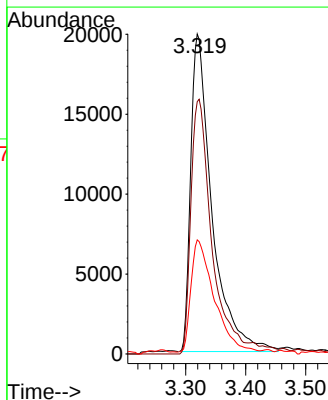
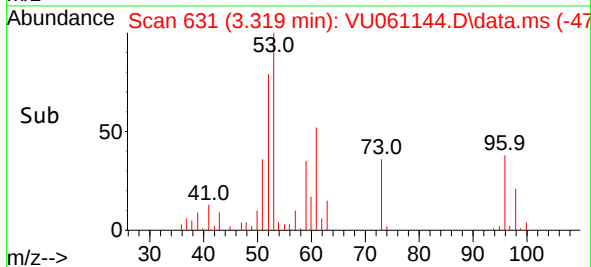
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

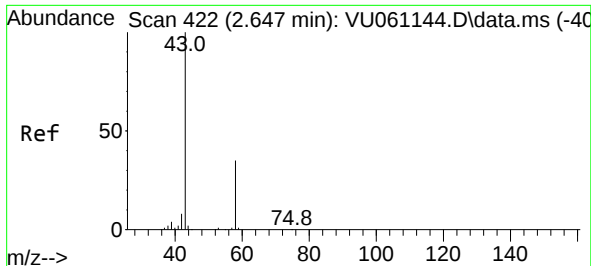


#12
 Acrylonitrile
 Concen: 21.058 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06



Tgt Ion: 53 Resp: 48923
 Ion Ratio Lower Upper
 53 100
 52 78.3 62.6 94.0
 51 38.4 30.7 46.1





#13

Acetone

Concen: 57.003 ug/l

RT: 2.647 min Scan# 422

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 172660

Ion Ratio Lower Upper

43 100

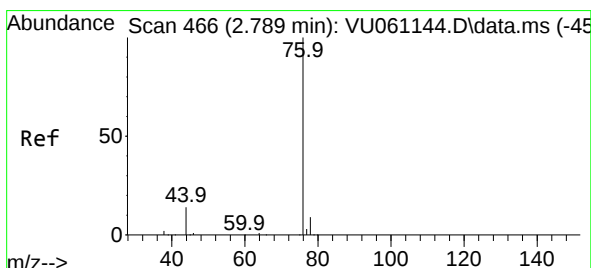
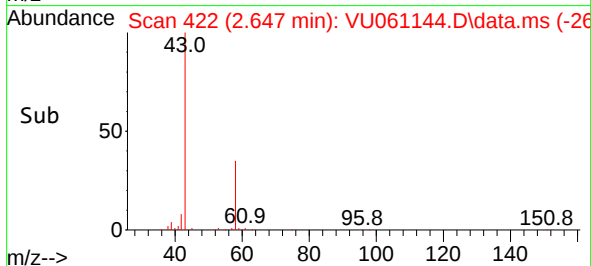
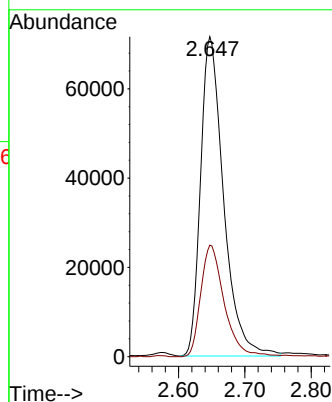
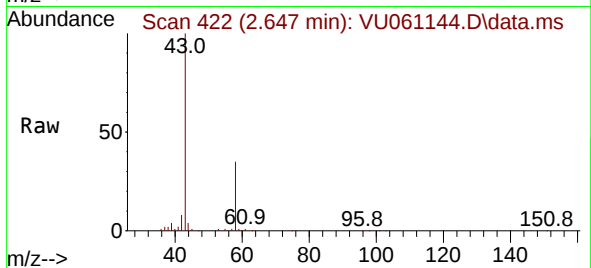
58 34.9 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#14

Carbon Disulfide

Concen: 10.667 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061144.D

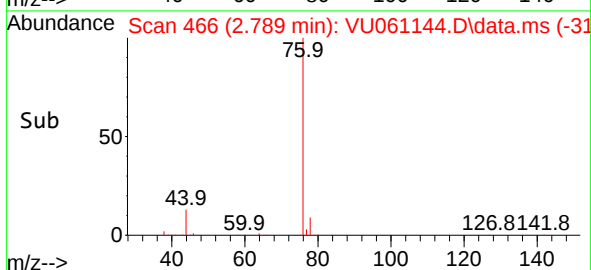
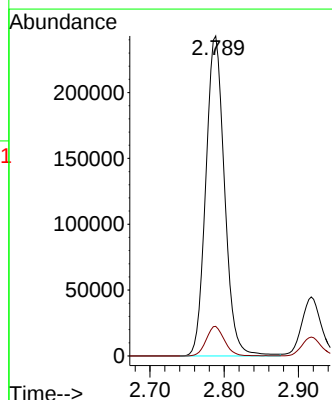
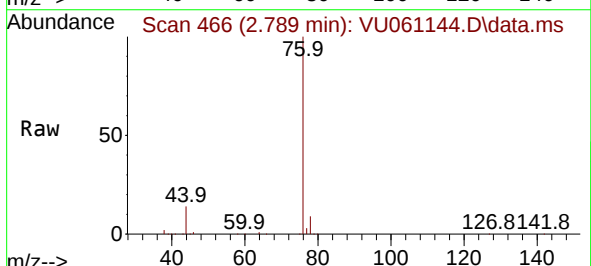
Acq: 17 Oct 2024 13:06

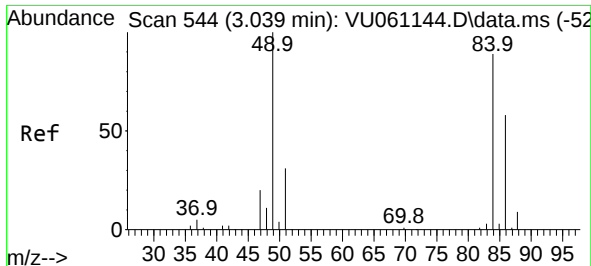
Tgt Ion: 76 Resp: 424385

Ion Ratio Lower Upper

76 100

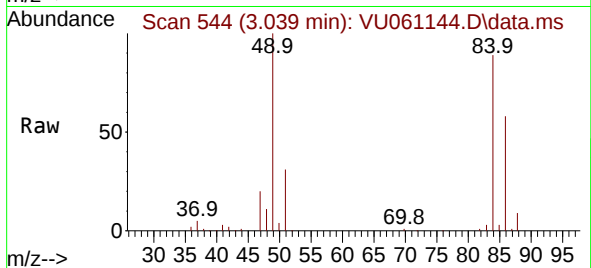
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.860 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

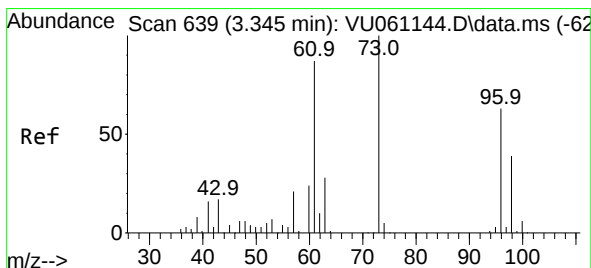
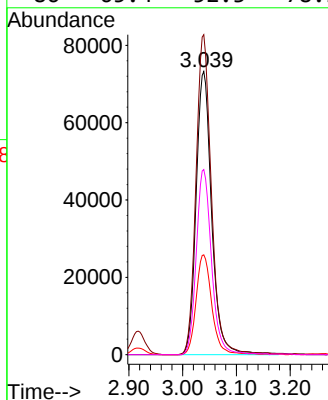
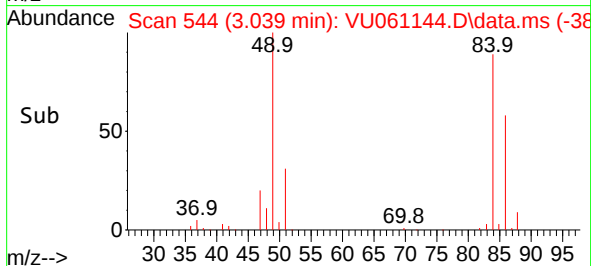
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 14735
Ion Ratio Lower Upper
84 100
49 113.0 90.4 135.6
51 35.3 0.0 70.6
86 65.4 52.3 78.5

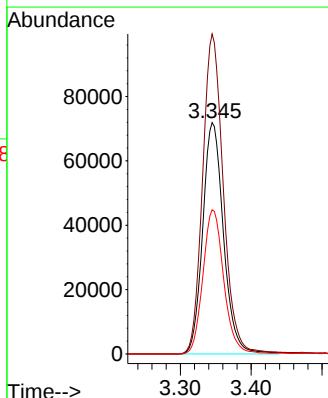
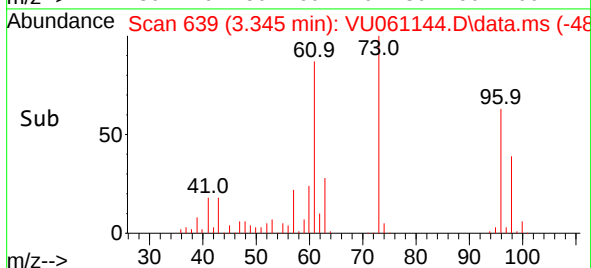
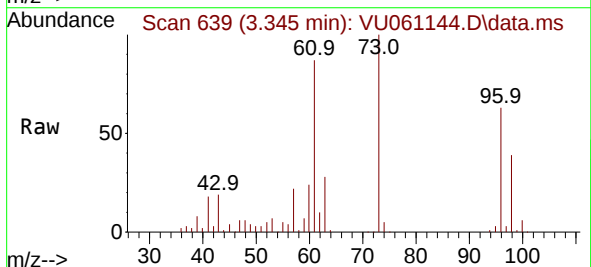
Manual Integrations
APPROVED

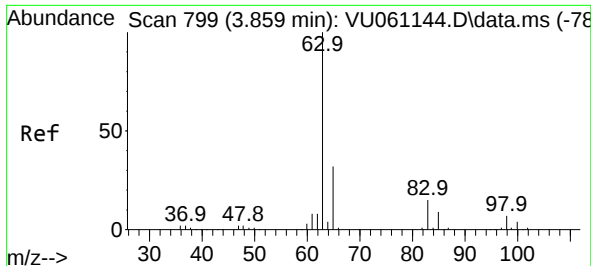
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#16
trans-1,2-Dichloroethene
Concen: 10.814 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion: 96 Resp: 146446
Ion Ratio Lower Upper
96 100
61 138.3 110.6 166.0
98 62.3 49.8 74.8





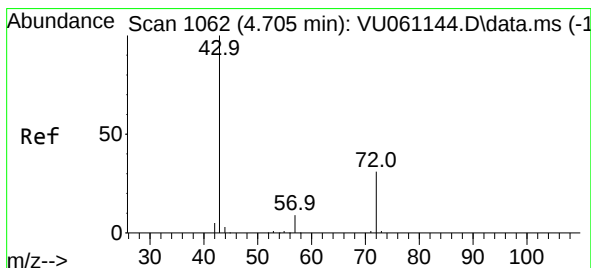
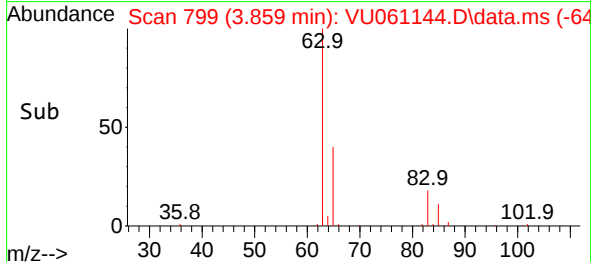
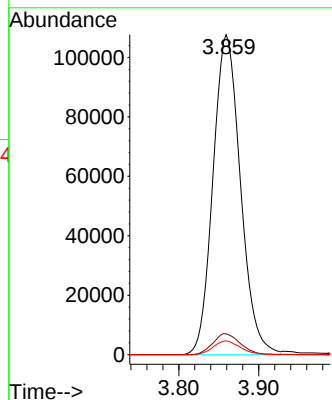
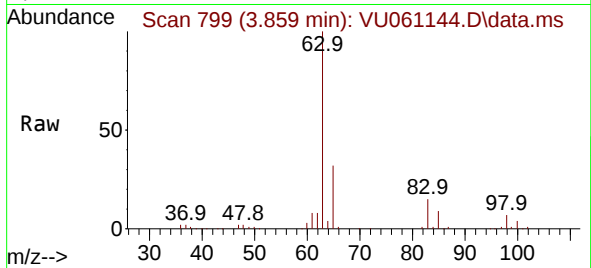
#17
1,1-Dichloroethane
Concen: 10.688 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 25662
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 4.3 2.1 6.5

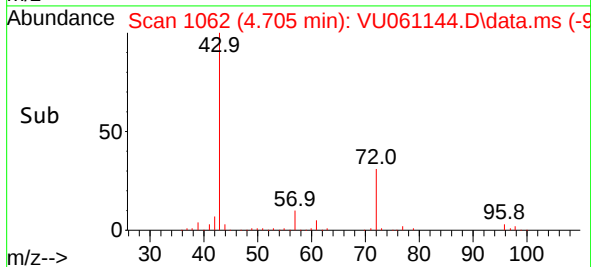
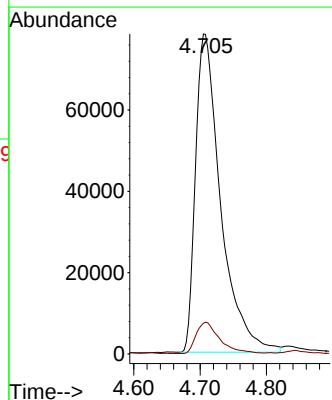
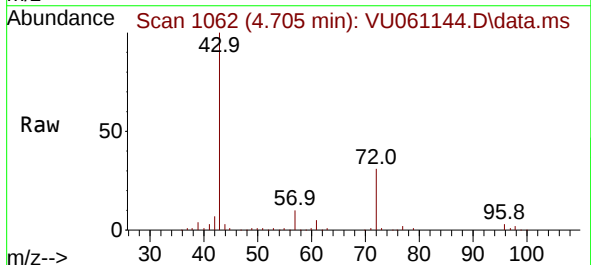
Manual Integrations
APPROVED

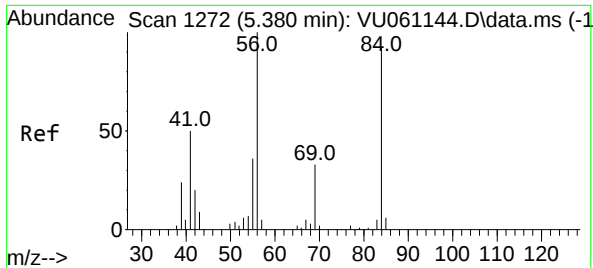
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#18
2-Butanone
Concen: 57.280 ug/l
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion: 43 Resp: 206495
Ion Ratio Lower Upper
43 100
57 9.5 0.0 19.0





#19

Cyclohexane

Concen: 10.765 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

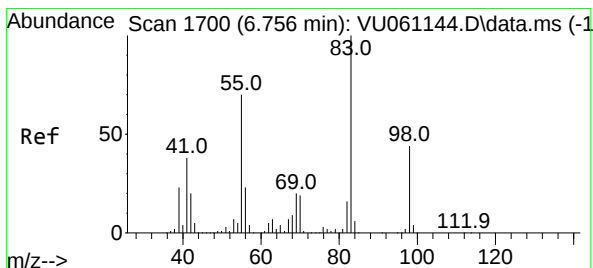
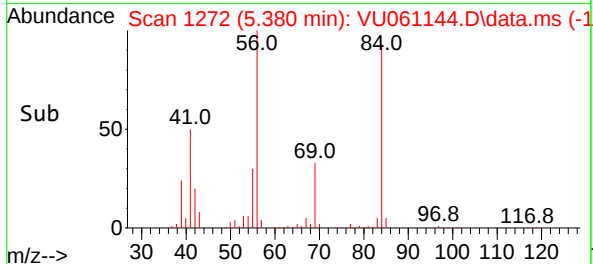
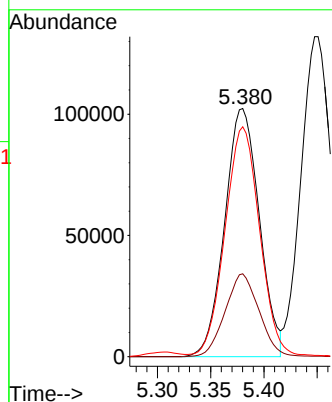
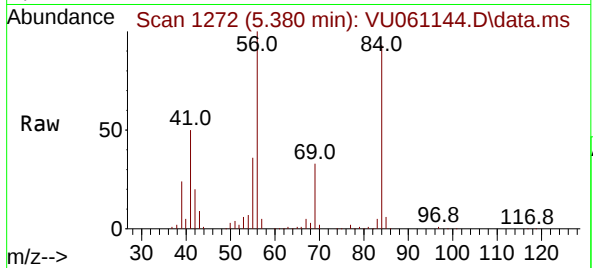
Tgt Ion: 56 Resp: 23151

Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	90.9	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 11.161 ug/l

RT: 6.756 min Scan# 1700

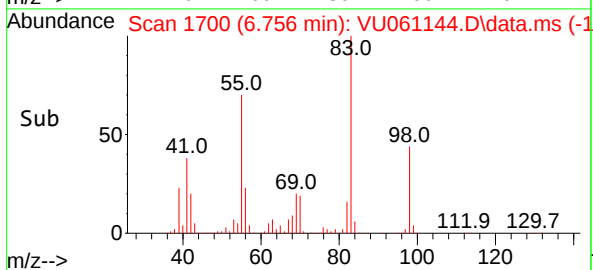
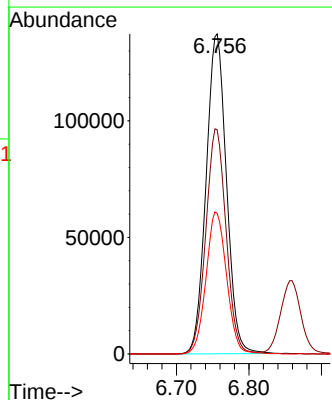
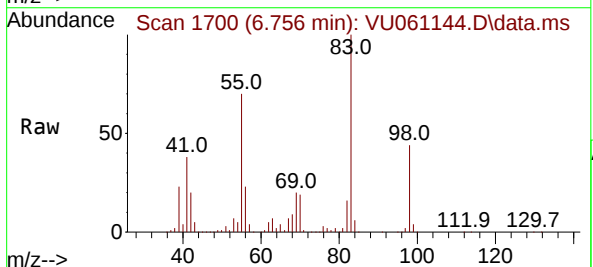
Delta R.T. 0.000 min

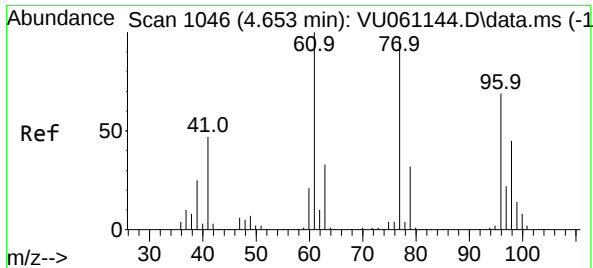
Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Tgt Ion: 83 Resp: 267638

Ion	Ratio	Lower	Upper
83	100		
55	69.4	55.5	83.3
98	44.7	35.8	53.6





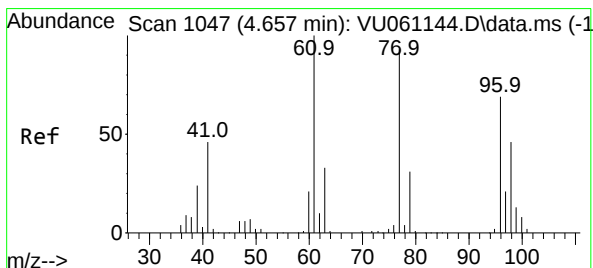
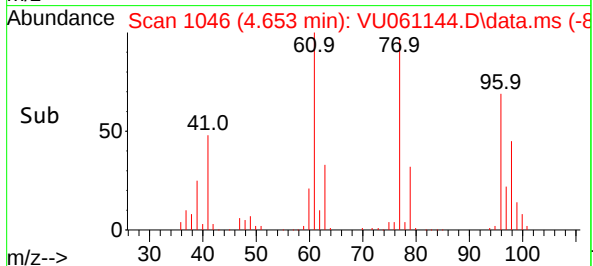
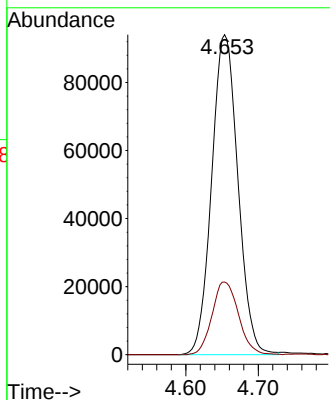
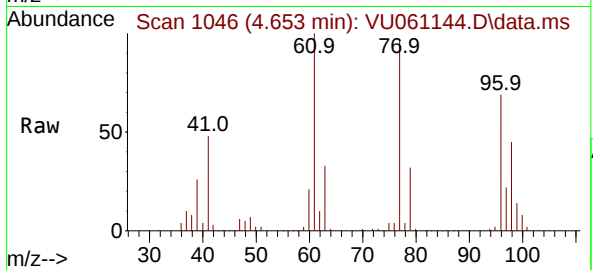
#21
2,2-Dichloropropane
Concen: 10.684 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 236650
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

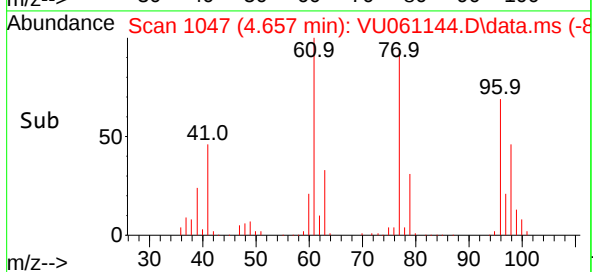
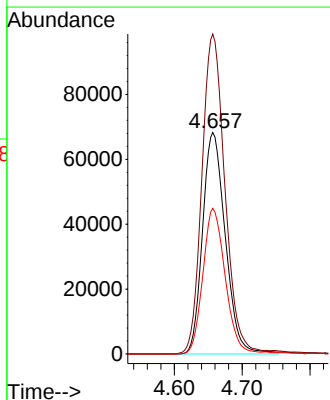
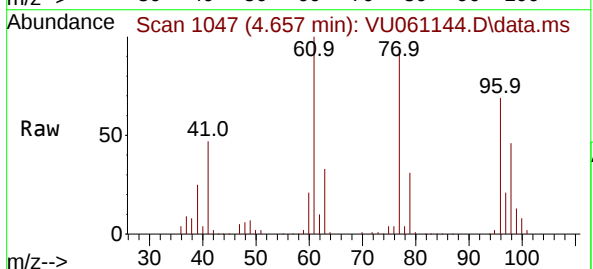
Manual Integrations
APPROVED

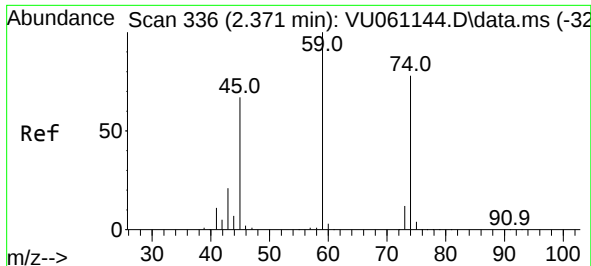
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#22
cis-1,2-Dichloroethene
Concen: 10.785 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

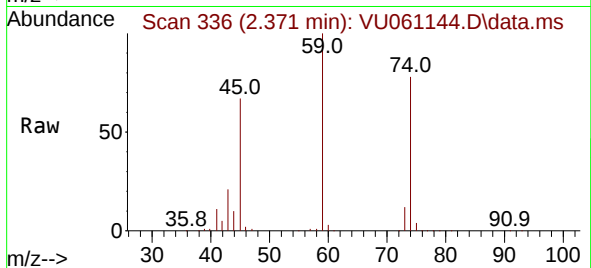
Tgt Ion: 96 Resp: 159109
Ion Ratio Lower Upper
96 100
61 145.9 0.0 364.8
98 64.2 32.1 96.3





#23
Diethyl Ether
Concen: 10.242 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

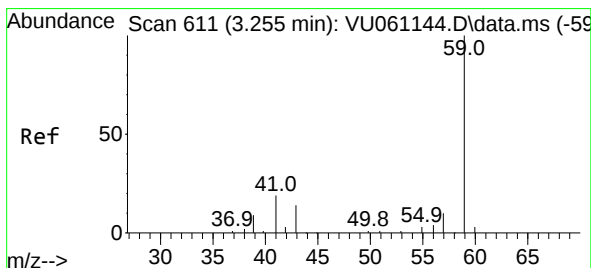
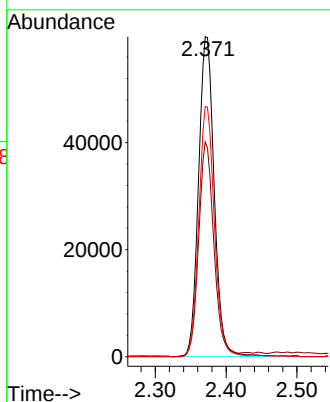
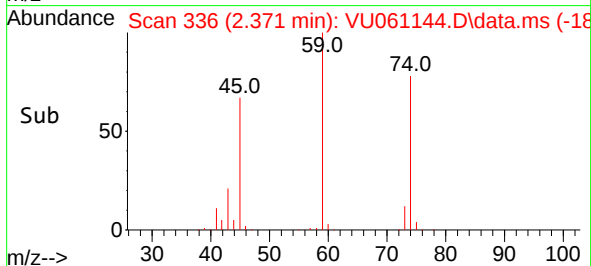
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 91894
Ion Ratio Lower Upper
59 100
45 65.0 52.0 78.0
74 77.7 62.2 93.2

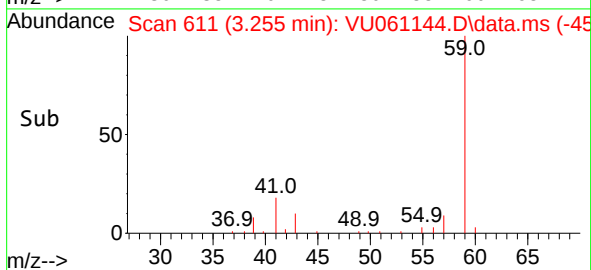
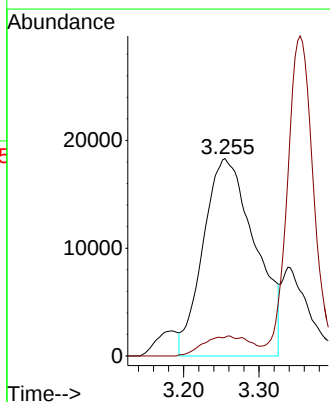
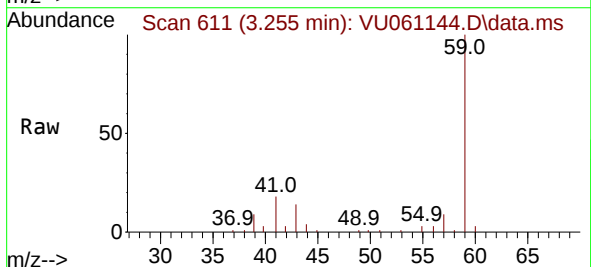
Manual Integrations
APPROVED

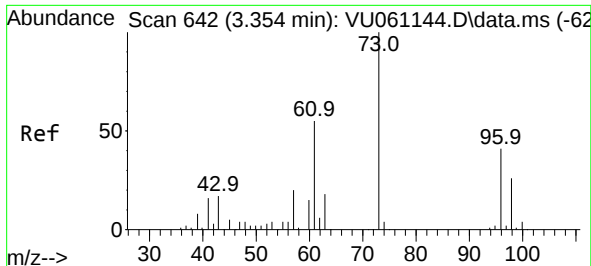
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#24
tert-Butyl Alcohol
Concen: 93.864 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

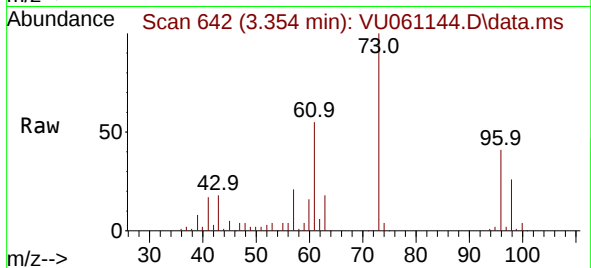
Tgt Ion: 59 Resp: 87684
Ion Ratio Lower Upper
59 100
57 4.0 3.2 4.8





#25
Methyl tert-Butyl Ether
Concen: 10.600 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

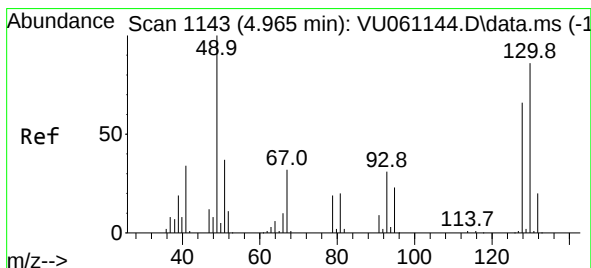
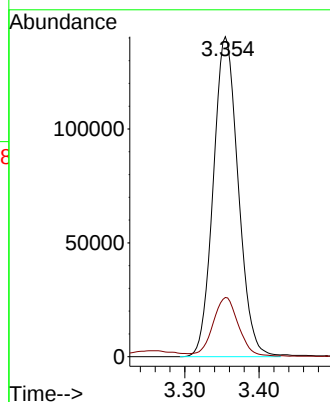
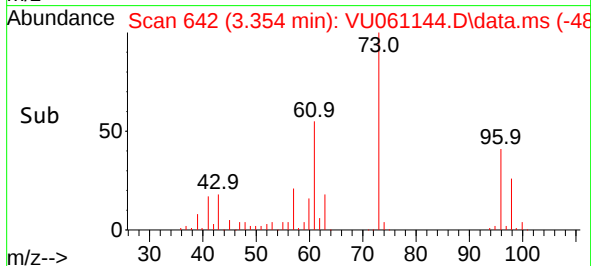
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 327908
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1

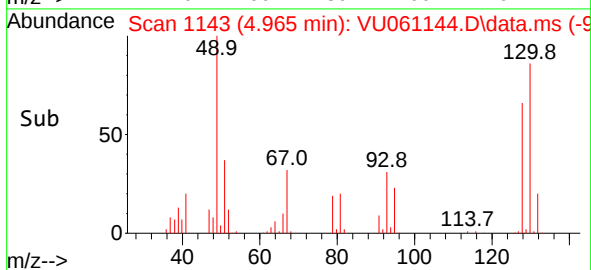
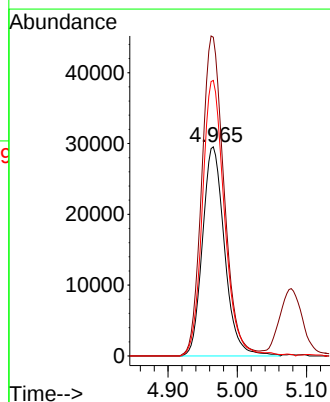
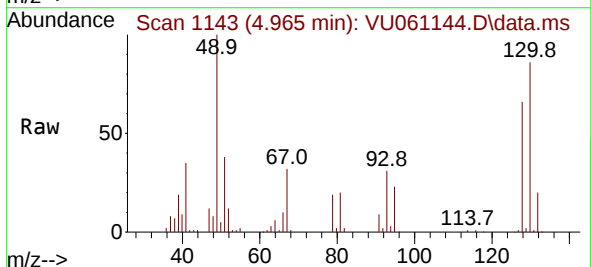
Manual Integrations
APPROVED

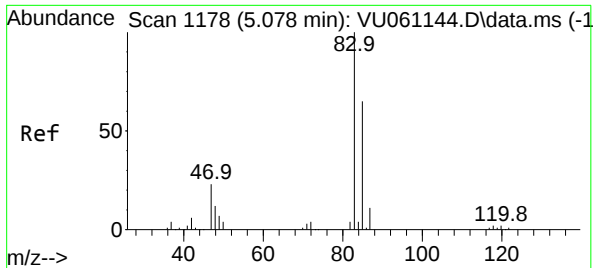
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#26
Bromochloromethane
Concen: 10.562 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:128 Resp: 65160
Ion Ratio Lower Upper
128 100
49 154.4 0.0 308.8
130 131.6 105.3 157.9





#27

Chloroform

Concen: 10.709 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 26963

Ion Ratio Lower Upper

83 100

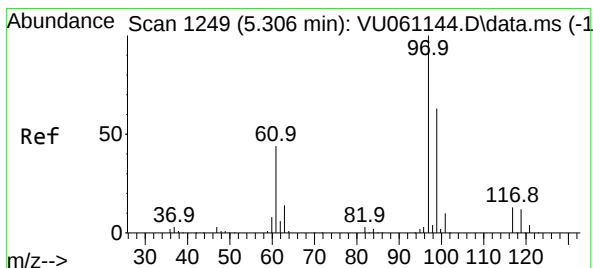
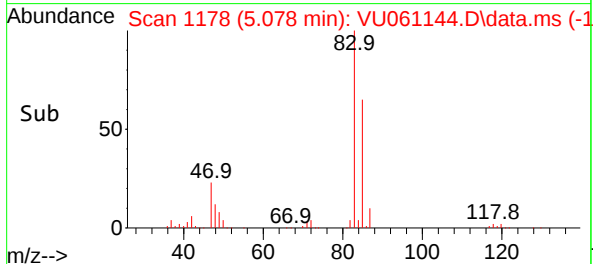
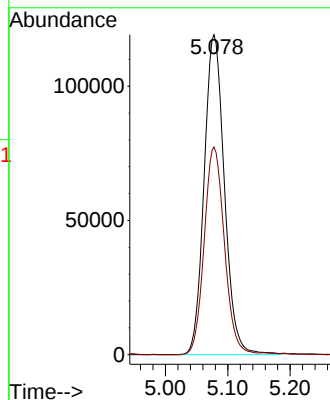
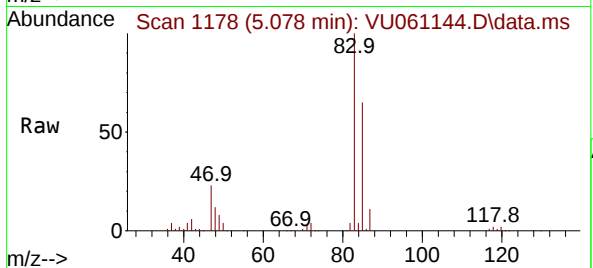
85 64.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#28

1,1,1-Trichloroethane

Concen: 10.867 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

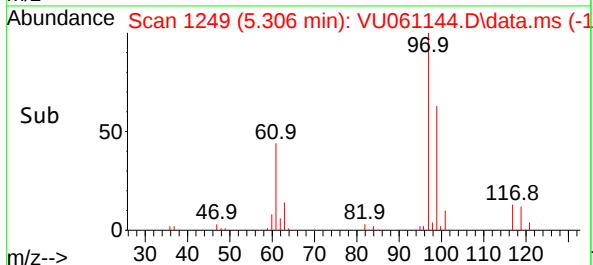
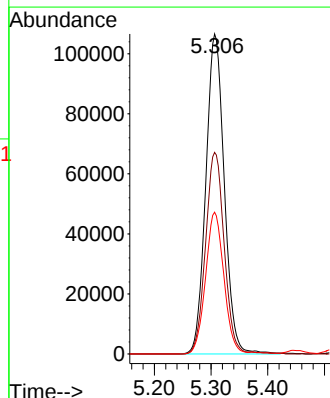
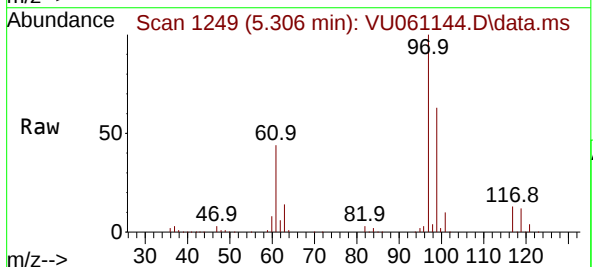
Tgt Ion: 97 Resp: 241234

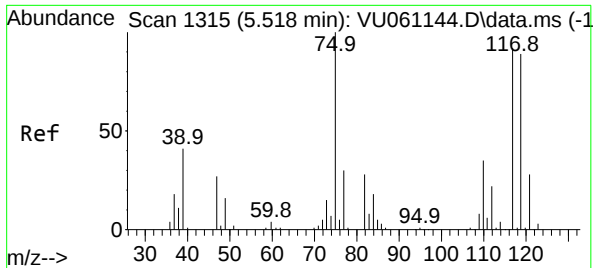
Ion Ratio Lower Upper

97 100

99 63.7 31.9 95.5

61 44.1 22.1 66.1





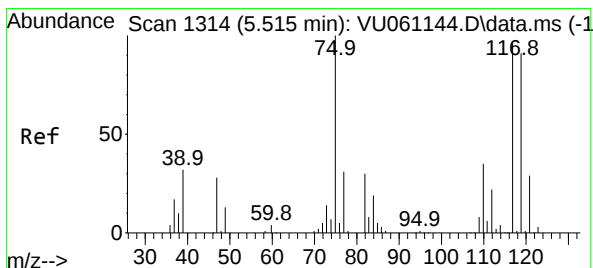
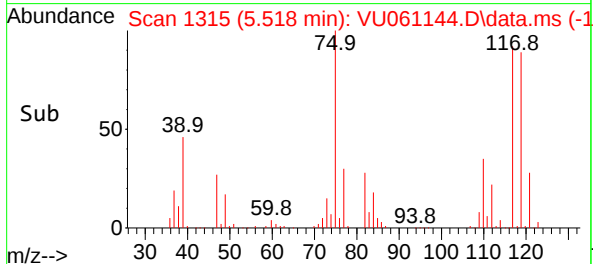
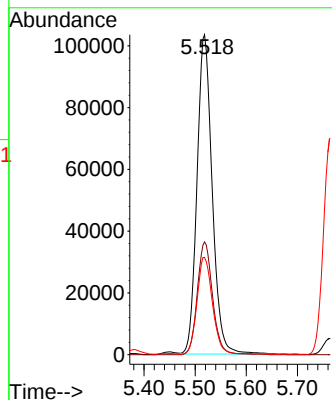
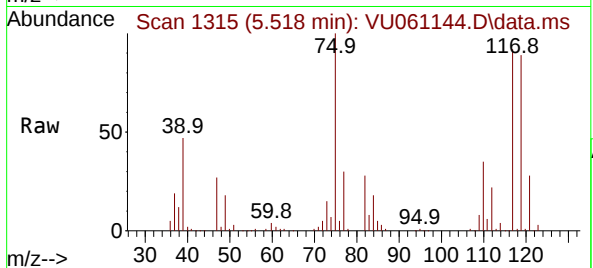
#29
1,1-Dichloropropene
Concen: 10.878 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 21347
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.8 24.6 37.0

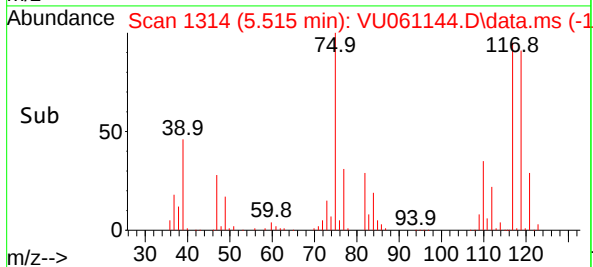
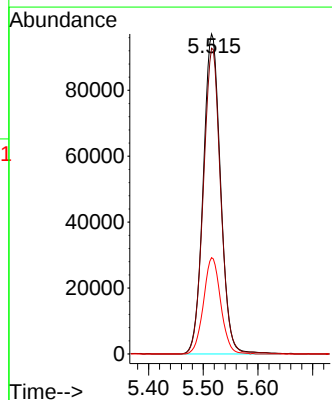
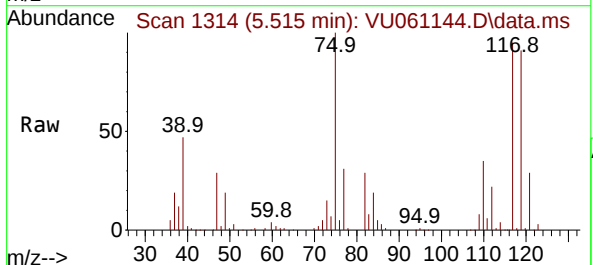
Manual Integrations
APPROVED

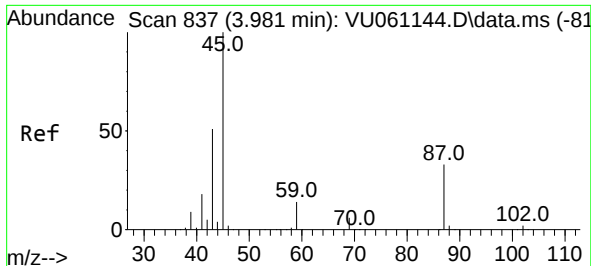
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30
Carbon Tetrachloride
Concen: 11.059 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

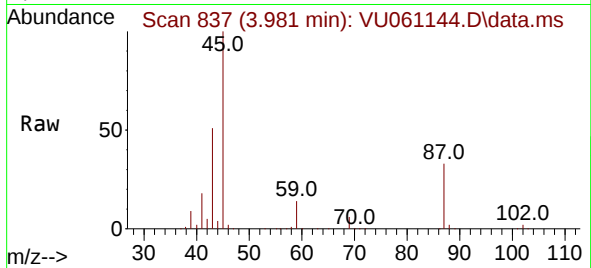
Tgt Ion:117 Resp: 213010
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.1 24.1 36.1





#31
Isopropyl Ether
Concen: 10.777 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

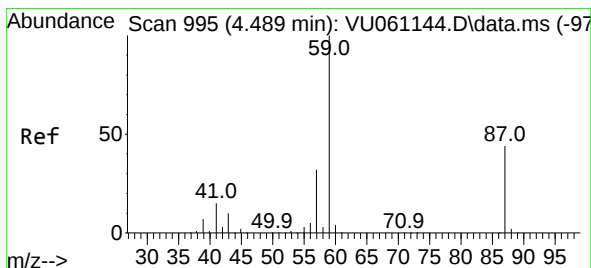
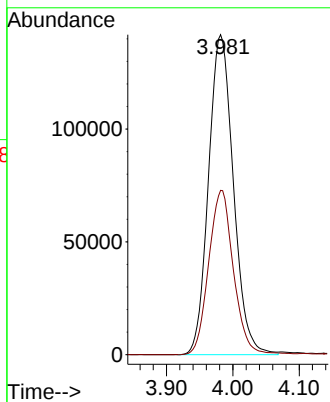
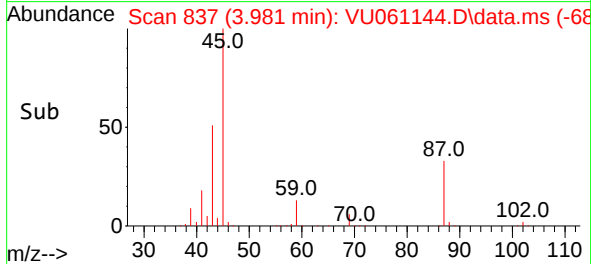
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 369168
Ion Ratio Lower Upper
45 100
43 51.3 25.7 77.0

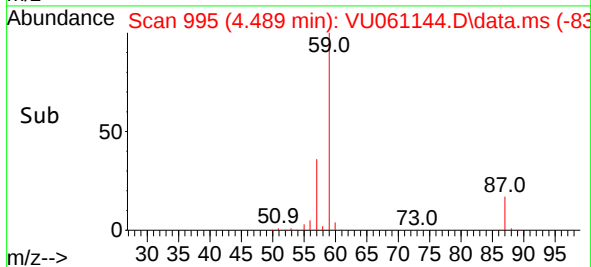
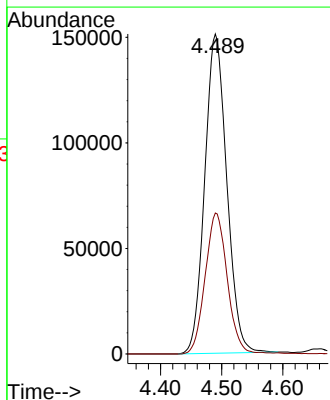
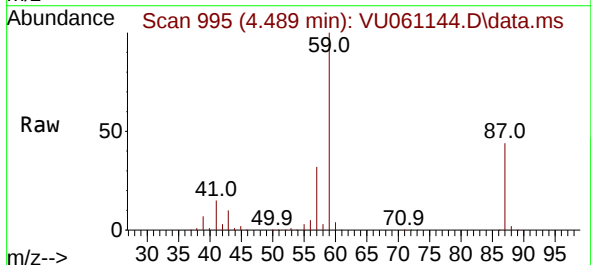
Manual Integrations
APPROVED

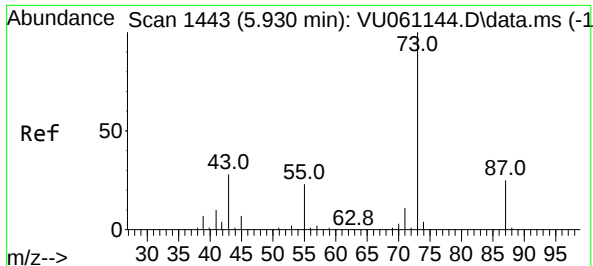
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#32
Ethyl-t-butyl ether
Concen: 10.769 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

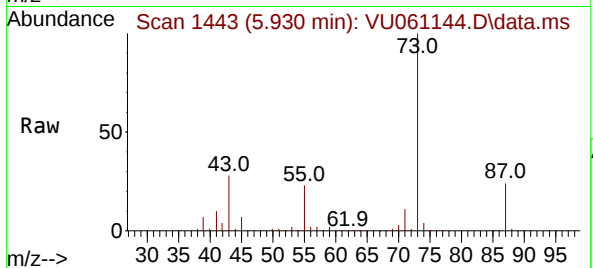
Tgt Ion: 59 Resp: 379286
Ion Ratio Lower Upper
59 100
87 43.4 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 10.837 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

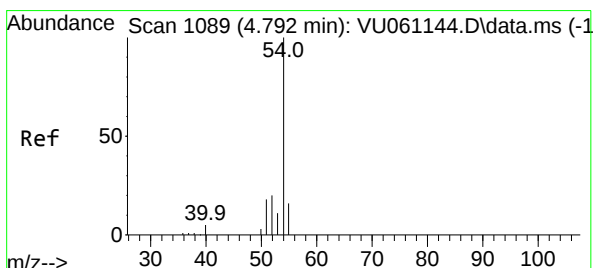
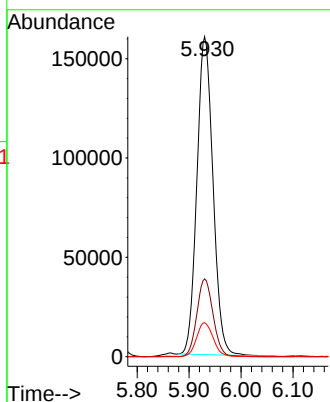
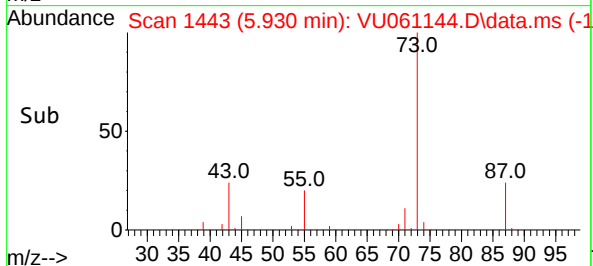
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 343529
Ion Ratio Lower Upper
73 100
87 24.8 19.8 29.8
71 10.7 8.6 12.8

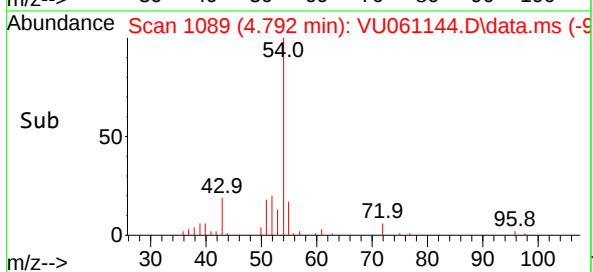
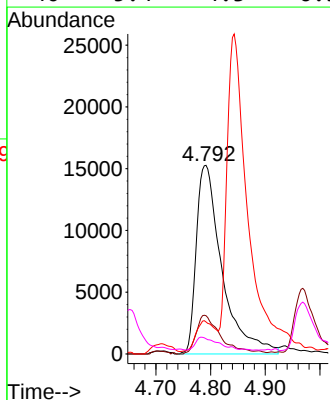
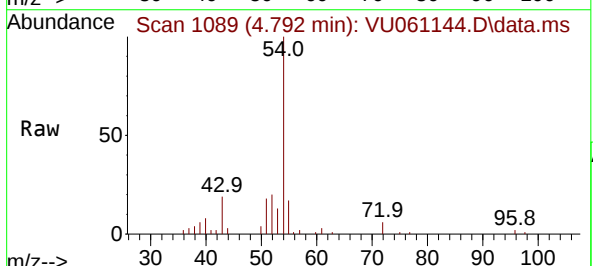
Manual Integrations
APPROVED

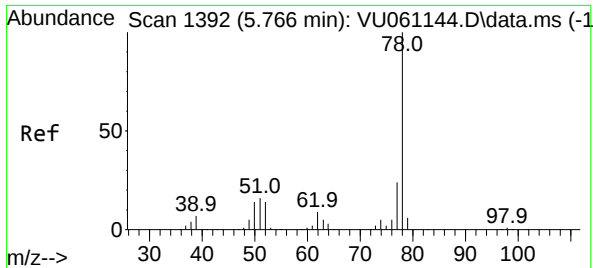
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#34
Propionitrile
Concen: 55.952 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion: 54 Resp: 49907
Ion Ratio Lower Upper
54 100
52 19.1 15.3 22.9
55 12.1 9.7 14.5
40 5.4 4.3 6.5





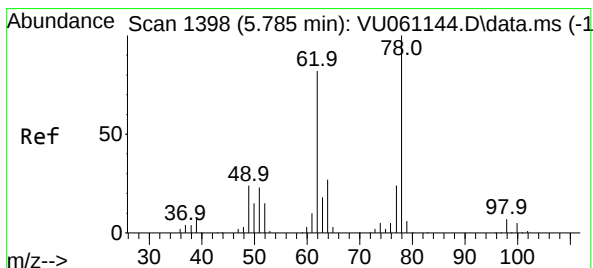
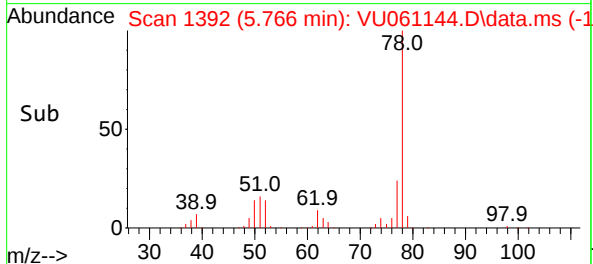
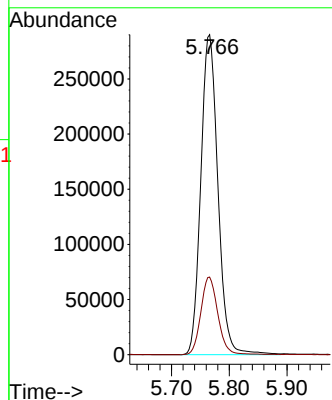
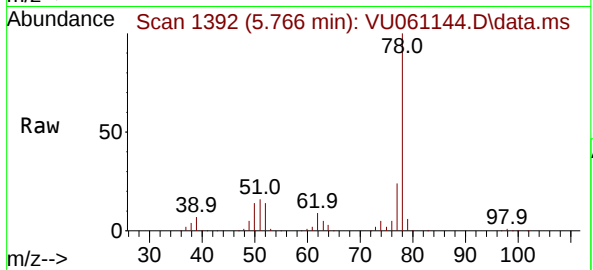
#35
Benzene
Concen: 10.816 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 59752
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

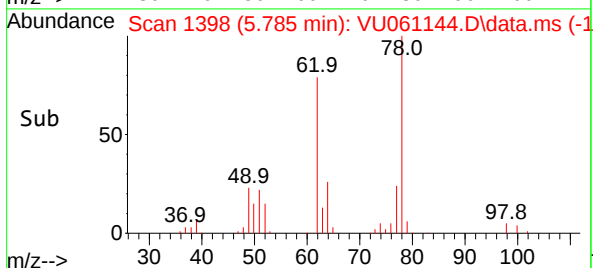
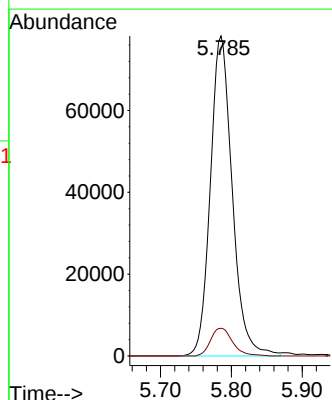
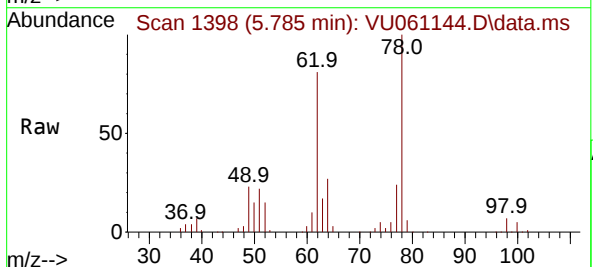
Manual Integrations
APPROVED

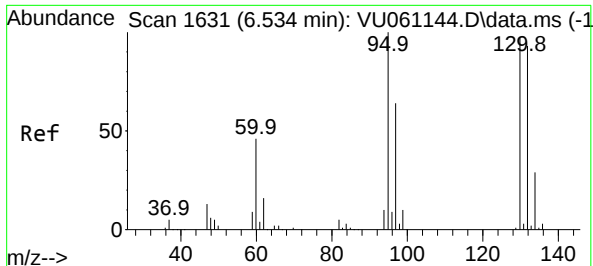
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#36
1,2-Dichloroethane
Concen: 10.778 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion: 62 Resp: 168112
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#37

Trichloroethene

Concen: 10.788 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:130 Resp: 159070

Ion Ratio Lower Upper

130 100

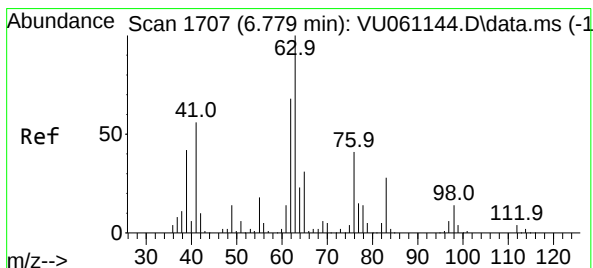
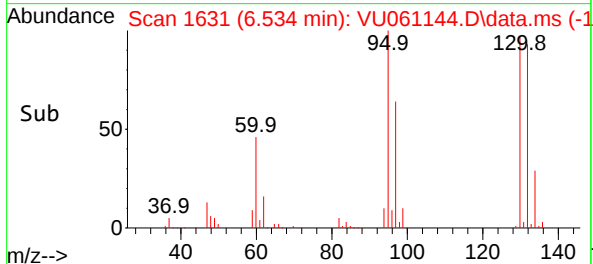
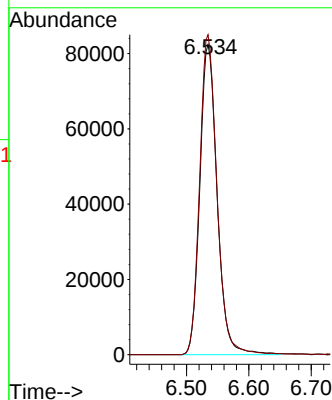
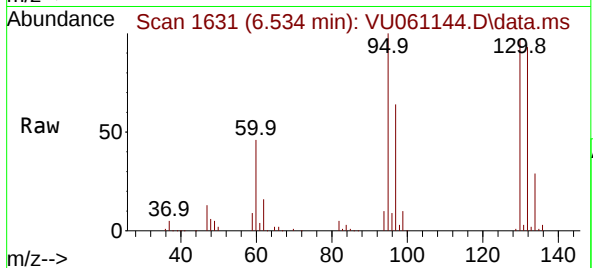
95 103.2 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#38

1,2-Dichloropropane

Concen: 10.909 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU061144.D

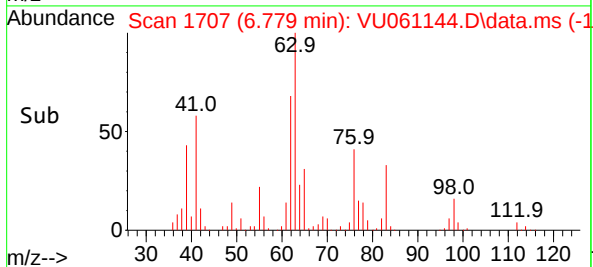
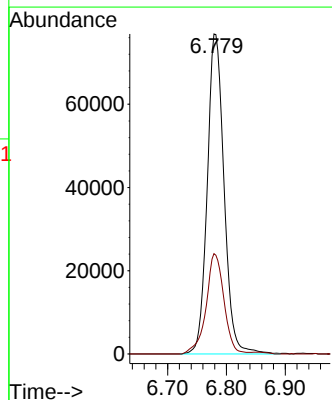
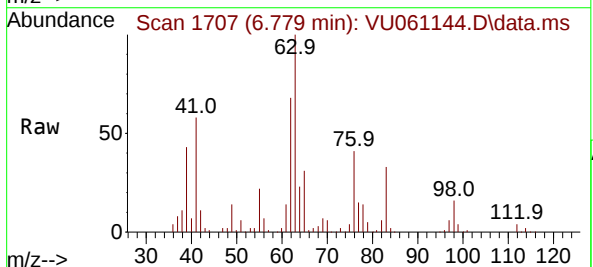
Acq: 17 Oct 2024 13:06

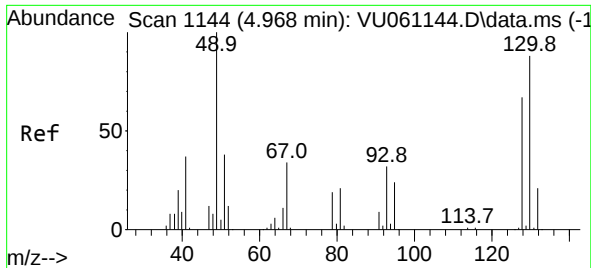
Tgt Ion: 63 Resp: 152636

Ion Ratio Lower Upper

63 100

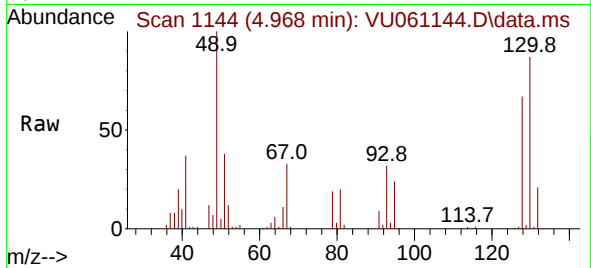
65 31.3 25.0 37.6





#39
Methacrylonitrile
Concen: 11.526 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

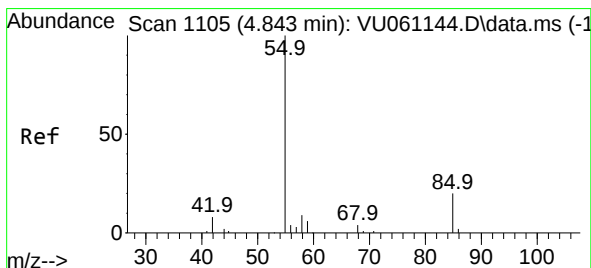
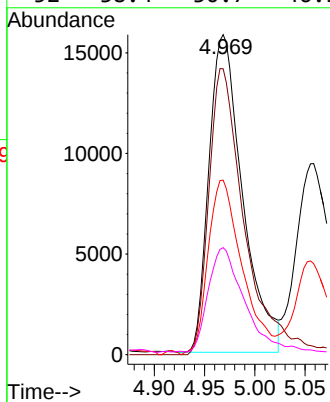
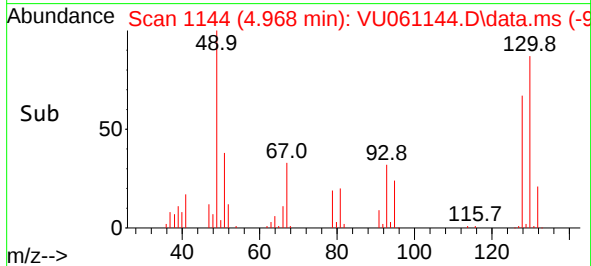
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



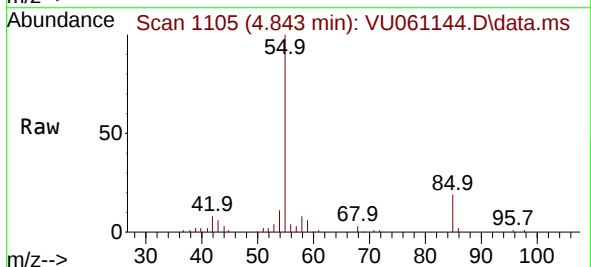
Tgt Ion: 41 Resp: 36732
Ion Ratio Lower Upper
41 100
67 97.6 78.1 117.1
39 55.8 44.6 67.0
52 38.4 30.7 46.1

Manual Integrations
APPROVED

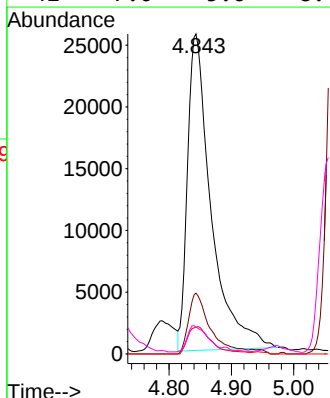
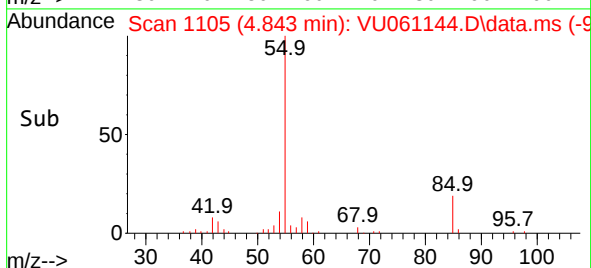
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

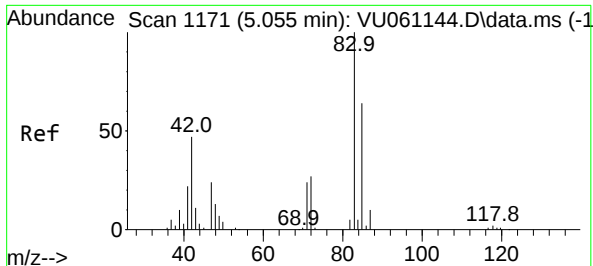


#40
Methyl acrylate
Concen: 10.535 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06



Tgt Ion: 55 Resp: 67464
Ion Ratio Lower Upper
55 100
85 17.6 14.1 21.1
58 8.6 6.9 10.3
42 7.0 5.6 8.4





#41

Tetrahydrofuran

Concen: 20.163 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

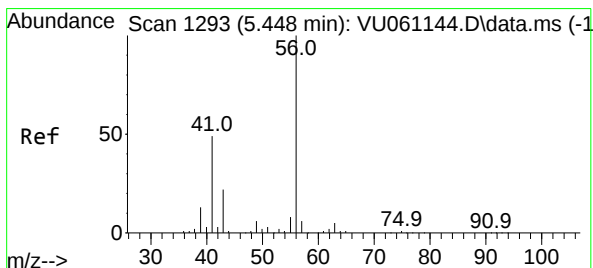
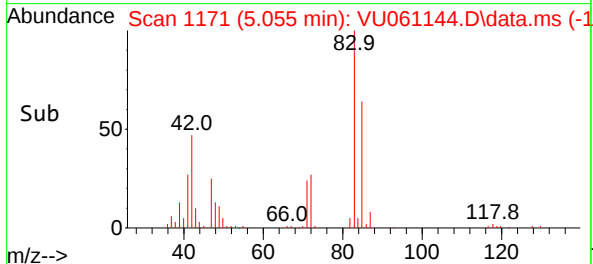
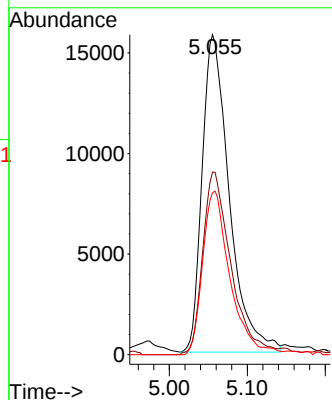
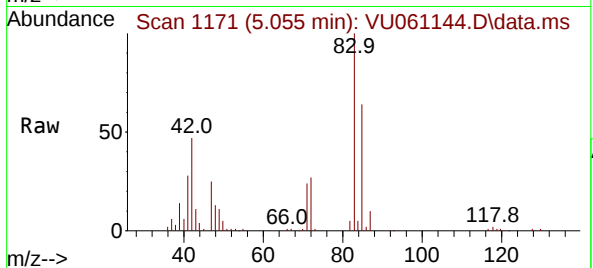
VSTDICCC010

Tgt Ion:	42	Resp:	38180
Ion Ratio	Lower	Upper	
42	100		
72	59.8	47.8	71.8
71	51.9	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: 11.079 ug/l

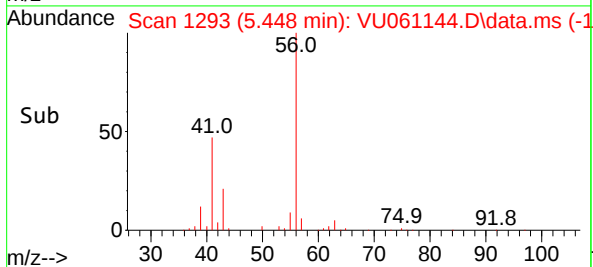
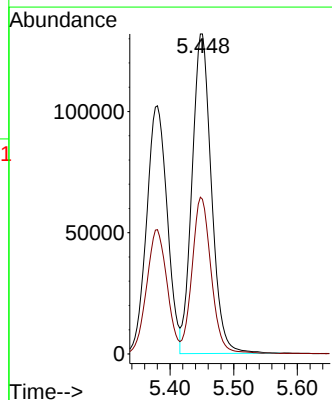
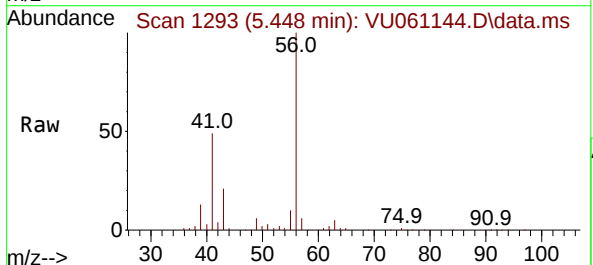
RT: 5.448 min Scan# 1293

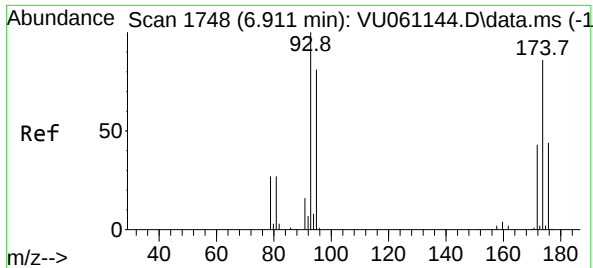
Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

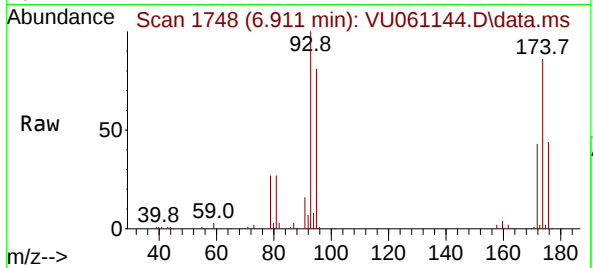
Tgt Ion:	56	Resp:	278871
Ion Ratio	Lower	Upper	
56	100		
41	47.8	23.9	71.7





#43
Dibromomethane
Concen: 10.602 ug/l
RT: 6.911 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

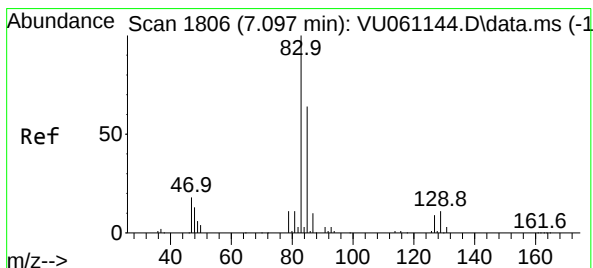
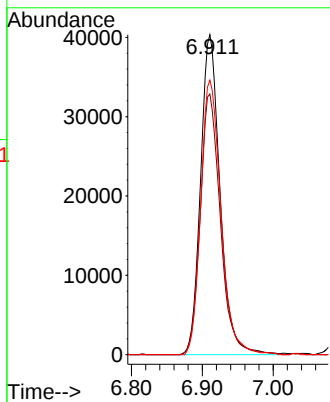
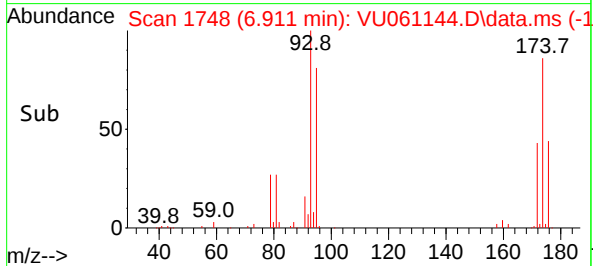
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



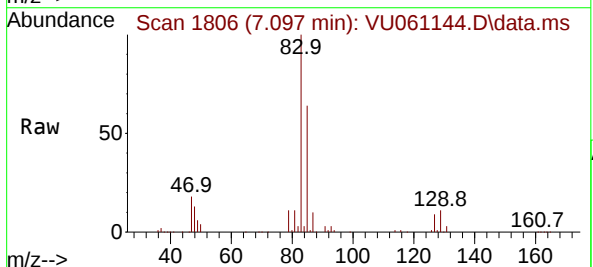
Tgt Ion: 93 Resp: 7692
Ion Ratio Lower Upper
93 100
95 84.4 67.5 101.3
174 89.0 71.2 106.8

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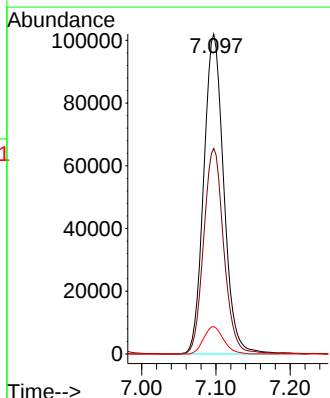
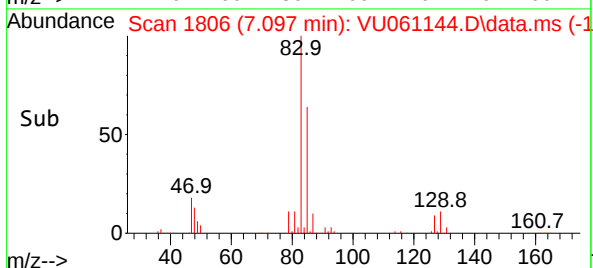
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

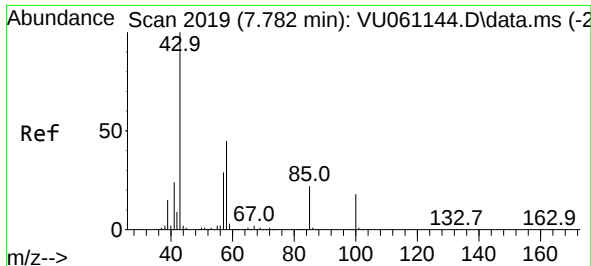


#44
Bromodichloromethane
Concen: 10.809 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06



Tgt Ion: 83 Resp: 190710
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 9.3 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 54.017 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 393400

Ion Ratio Lower Upper

43 100

58 44.4 22.2 66.6

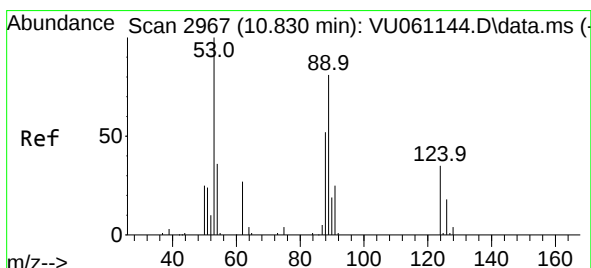
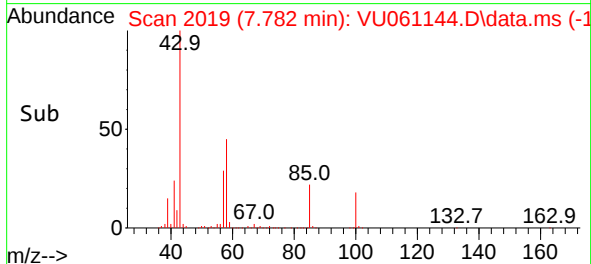
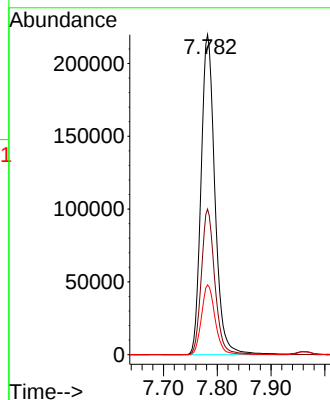
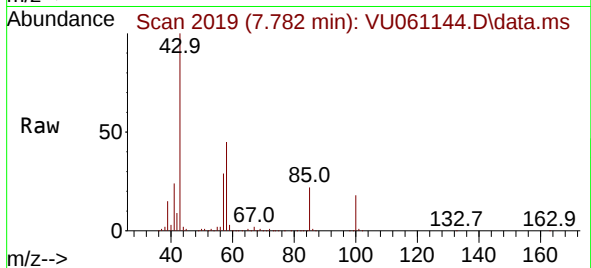
85 21.5 17.2 25.8

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: 22.664 ug/l m

RT: 10.830 min Scan# 2967

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Tgt Ion: 75 Resp: 68297

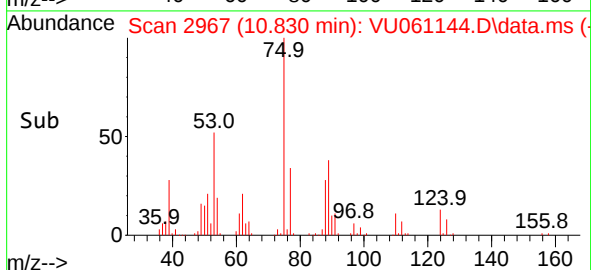
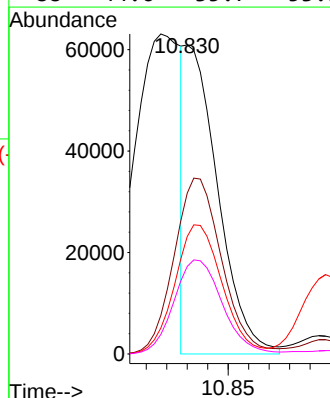
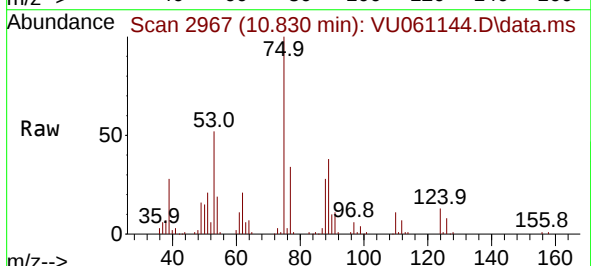
Ion Ratio Lower Upper

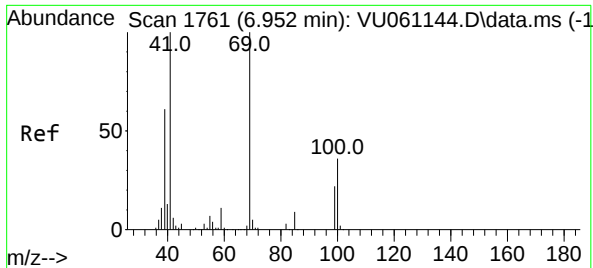
75 100

53 82.5 66.0 99.0

89 60.0 48.0 72.0

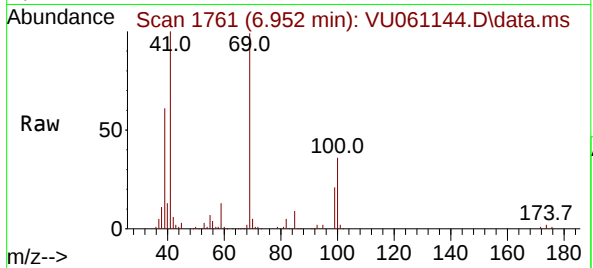
88 44.6 35.7 53.5





#47
Methyl methacrylate
Concen: 22.252 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

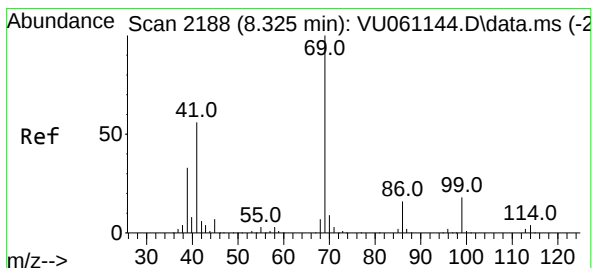
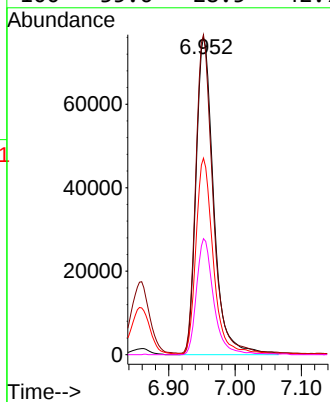
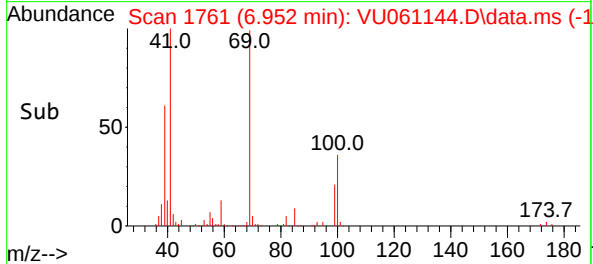
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 140308
Ion Ratio Lower Upper
69 100
41 98.0 0.0 196.0
39 60.0 48.0 72.0
100 35.6 28.5 42.7

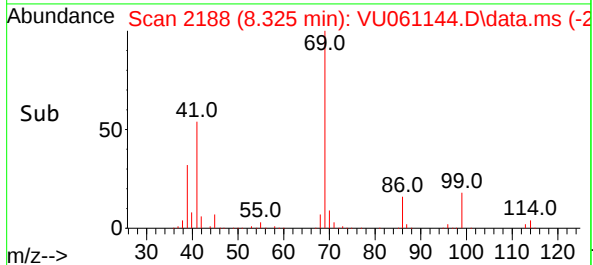
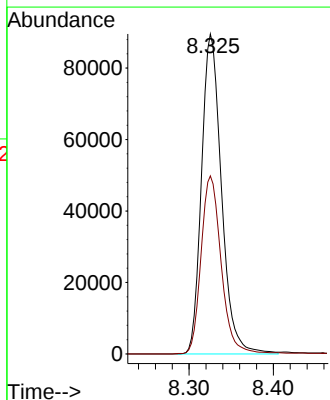
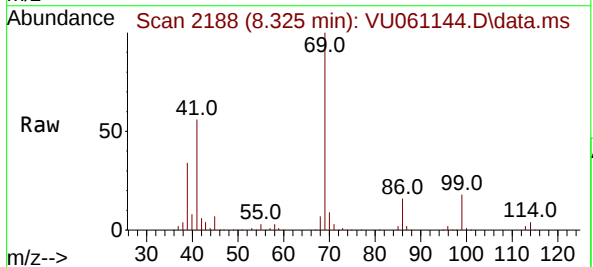
Manual Integrations
APPROVED

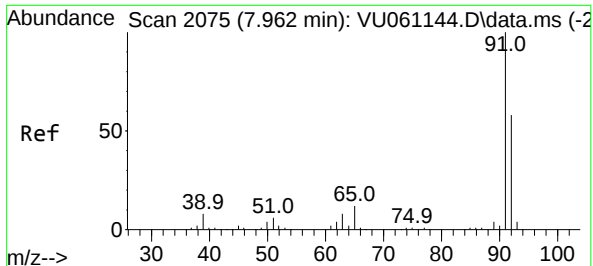
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#48
Ethyl methacrylate
Concen: 10.999 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

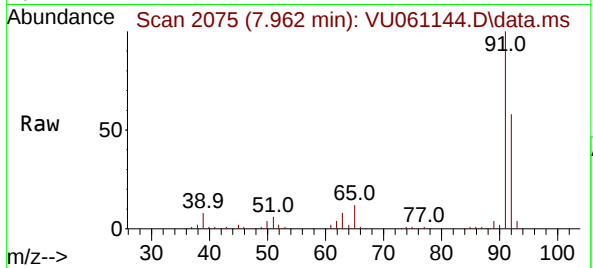
Tgt Ion: 69 Resp: 147884
Ion Ratio Lower Upper
69 100
41 56.2 28.1 84.3





#49
Toluene
Concen: 10.992 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

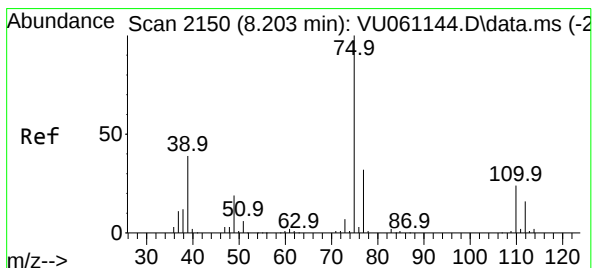
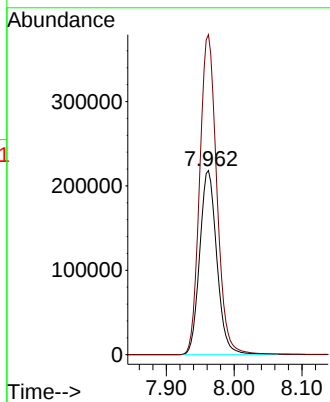
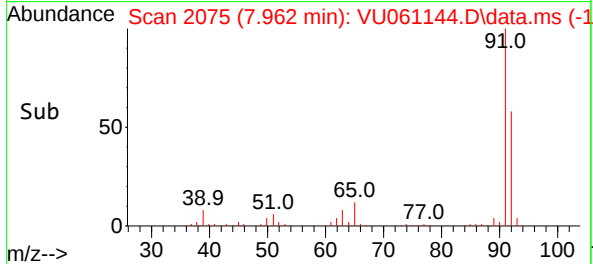
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 383599
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7

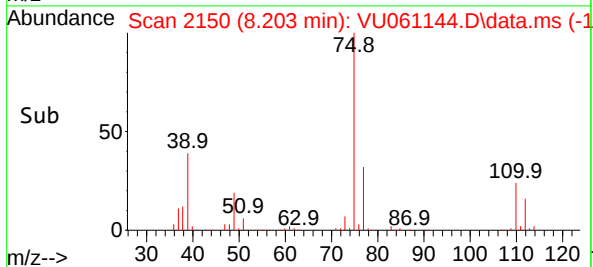
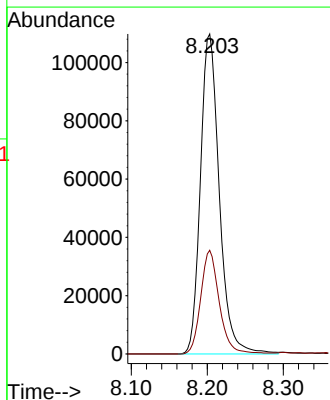
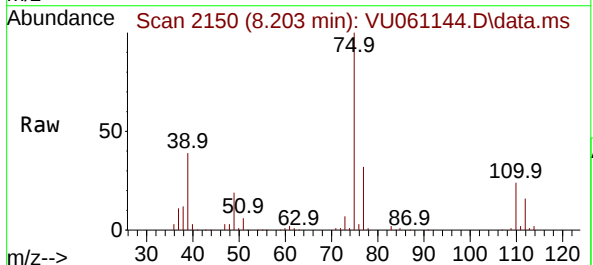
Manual Integrations
APPROVED

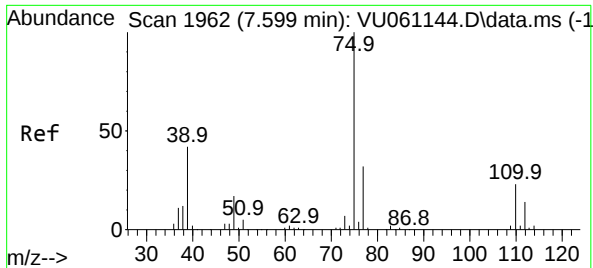
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#50
t-1,3-Dichloropropene
Concen: 11.144 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion: 75 Resp: 189562
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9





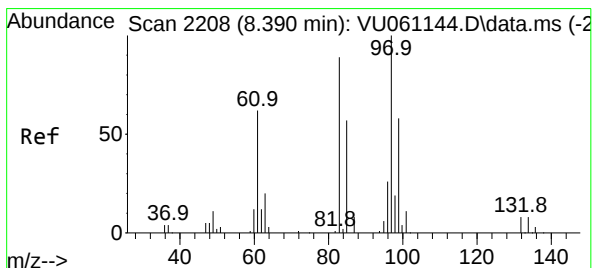
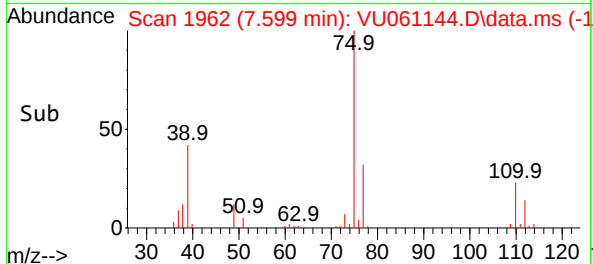
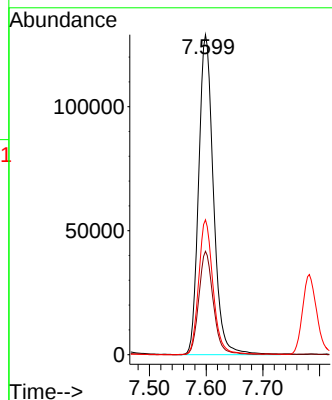
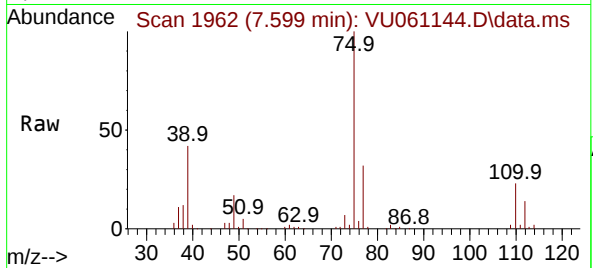
#51
 cis-1,3-Dichloropropene
 Concen: 11.166 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 233044
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 42.1 33.7 50.5

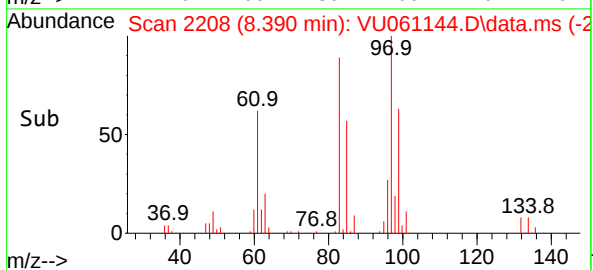
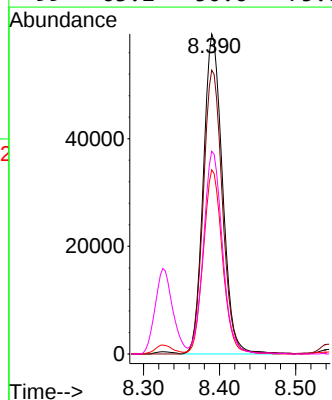
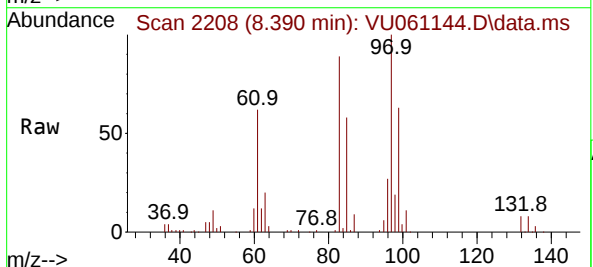
Manual Integrations
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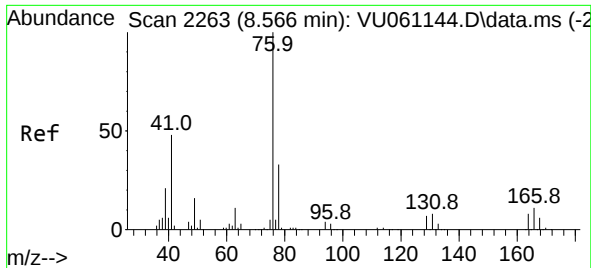
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.634 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

Tgt Ion: 97 Resp: 104049
 Ion Ratio Lower Upper
 97 100
 83 88.7 71.0 106.4
 85 57.6 46.1 69.1
 99 63.2 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.768 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 18506

Ion Ratio Lower Upper

76 100

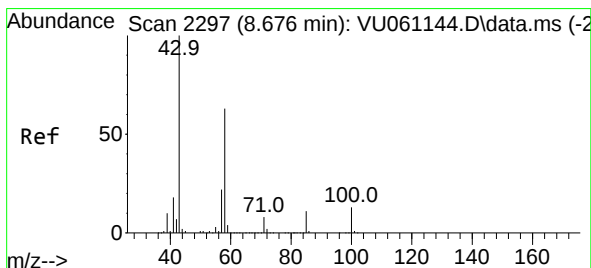
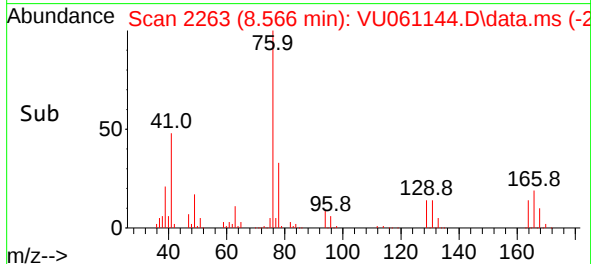
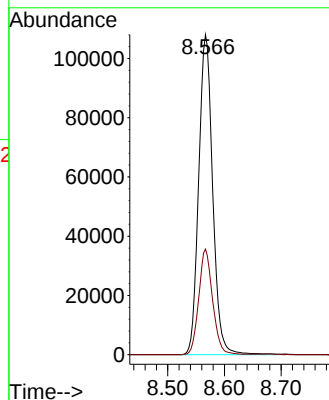
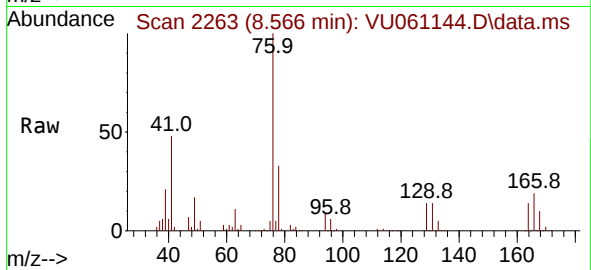
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#54

2-Hexanone

Concen: 56.486 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

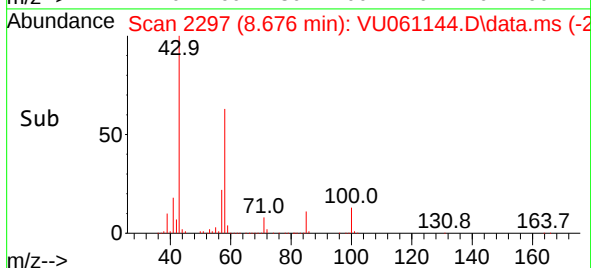
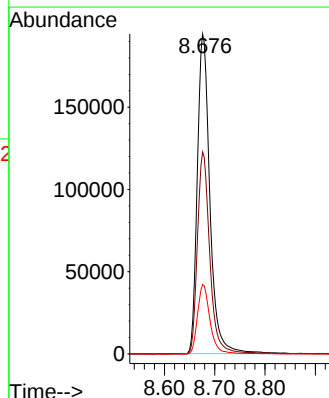
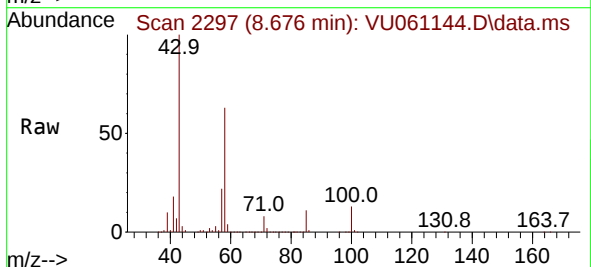
Tgt Ion: 43 Resp: 337955

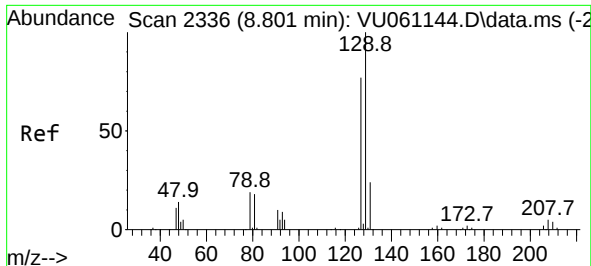
Ion Ratio Lower Upper

43 100

58 61.8 41.8 81.8

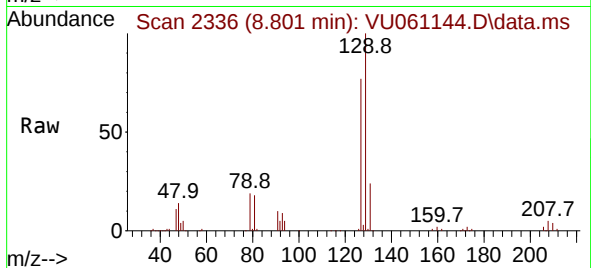
57 21.4 1.4 41.4





#55
Dibromochloromethane
Concen: 11.101 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

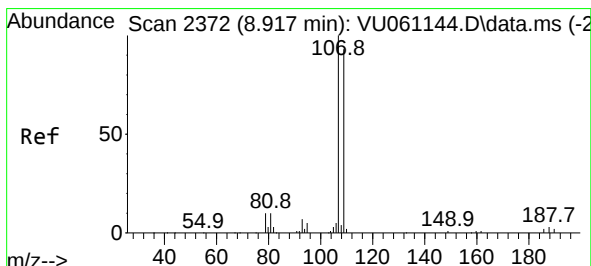
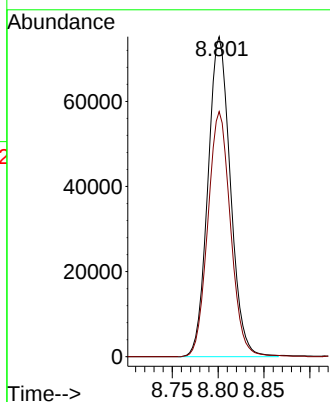
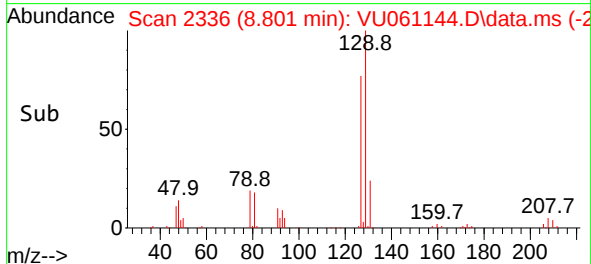
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 128220
Ion Ratio Lower Upper
129 100
127 77.4 61.9 92.9

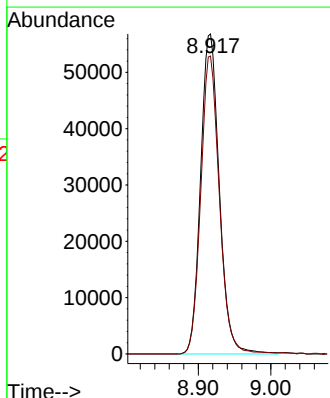
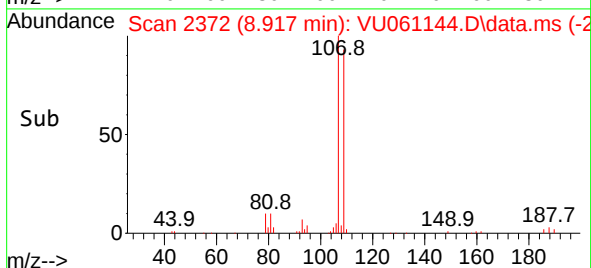
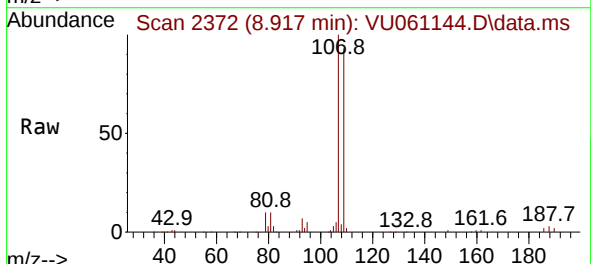
Manual Integrations
APPROVED

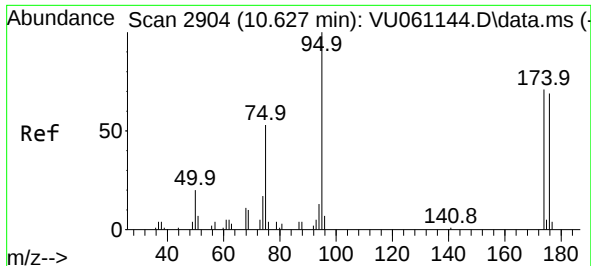
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 10.838 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

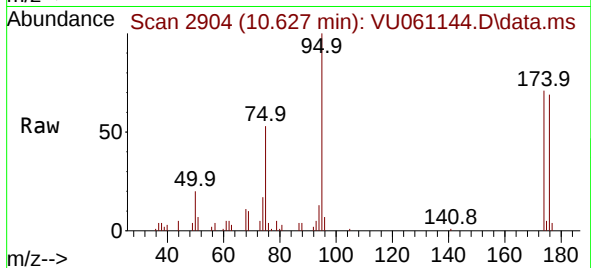
Tgt Ion:107 Resp: 101746
Ion Ratio Lower Upper
107 100
109 92.6 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 1.050 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

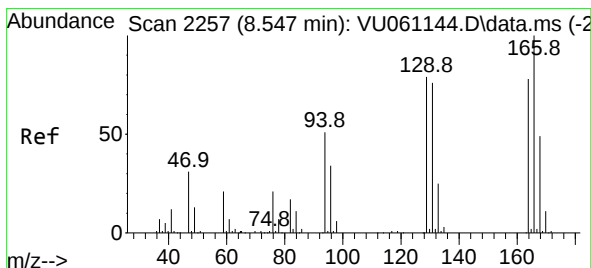
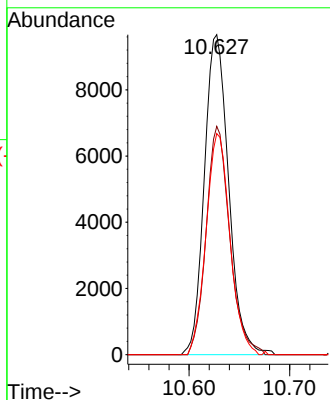
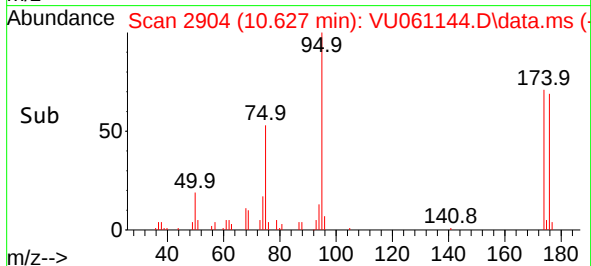
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 16240
Ion Ratio Lower Upper
95 100
174 69.2 55.4 83.0
176 68.0 54.4 81.6

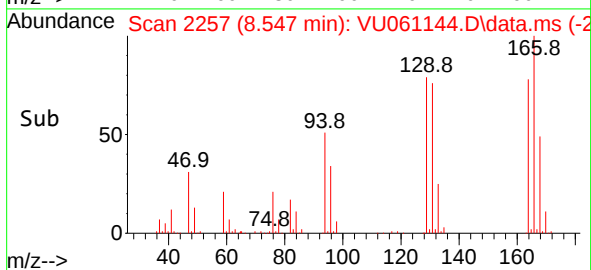
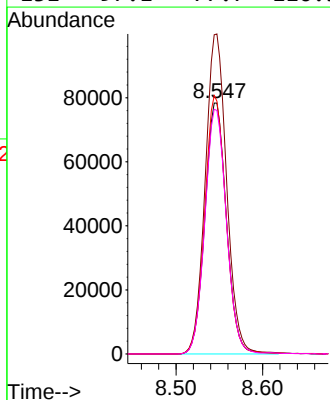
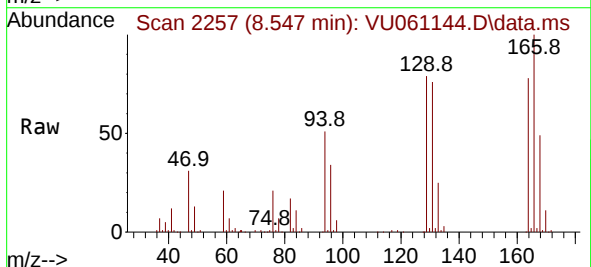
Manual Integrations
APPROVED

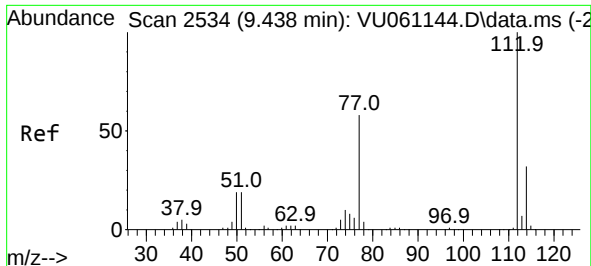
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 10.802 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:164 Resp: 135059
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 100.7 80.6 120.8
131 97.1 77.7 116.5





#59

Chlorobenzene

Concen: 10.940 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 41127

Ion Ratio Lower Upper

112 100

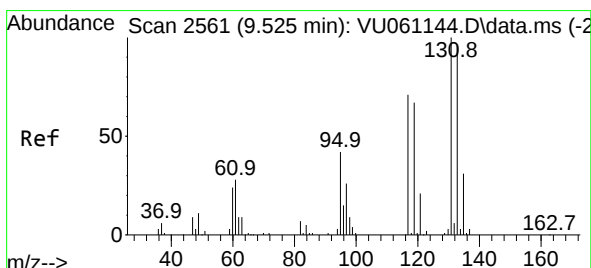
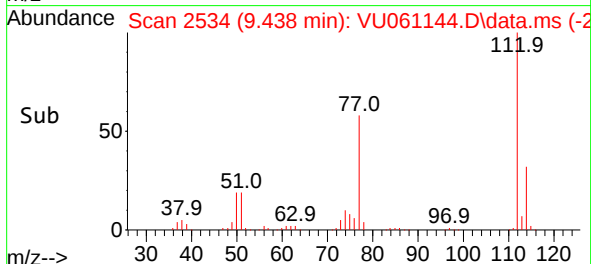
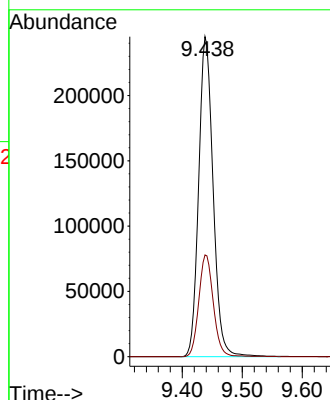
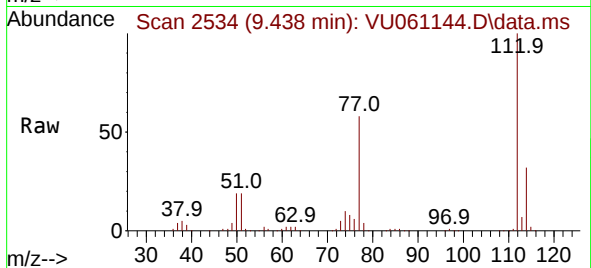
114 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 10.915 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

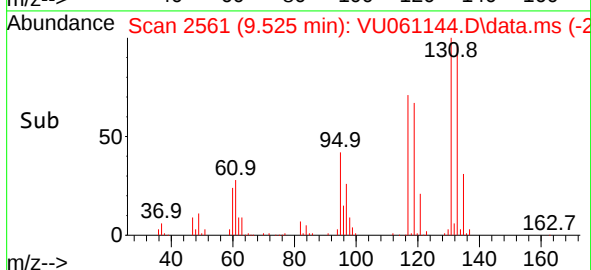
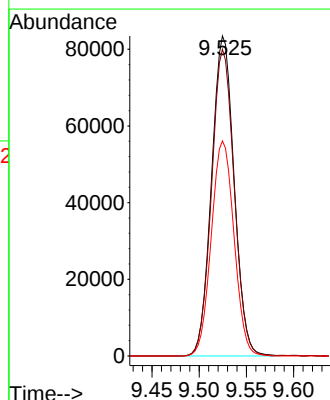
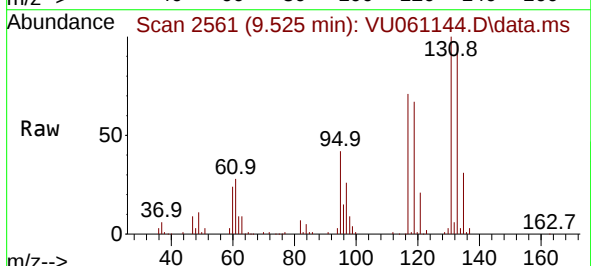
Tgt Ion:131 Resp: 138433

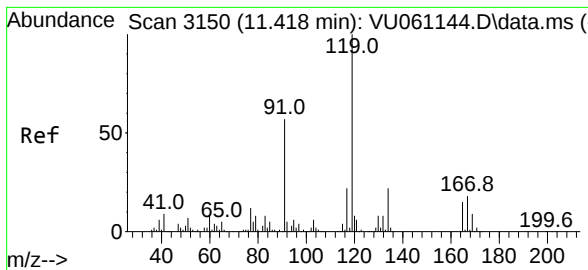
Ion Ratio Lower Upper

131 100

133 96.0 76.8 115.2

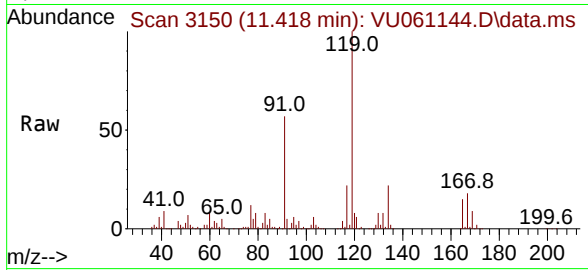
119 67.7 54.2 81.2





#61
 Pentachloroethane
 Concen: 11.368 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

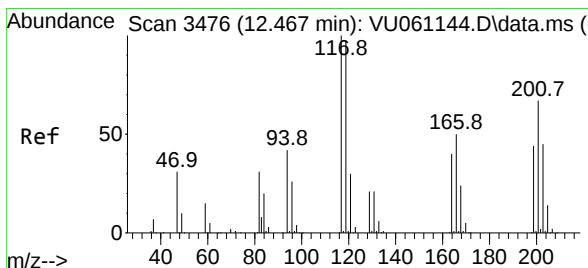
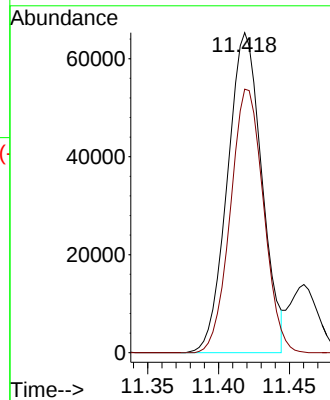
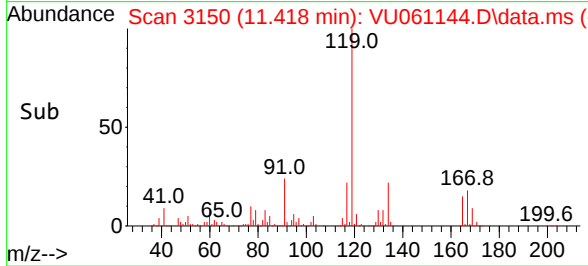
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion:117 Resp: 110330
 Ion Ratio Lower Upper
 117 100
 167 79.3 63.4 95.2

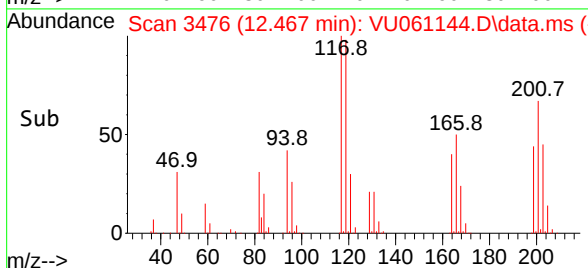
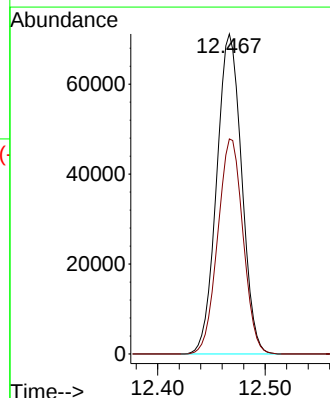
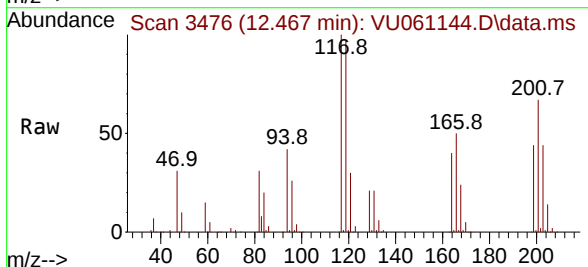
Manual Integrations
 APPROVED

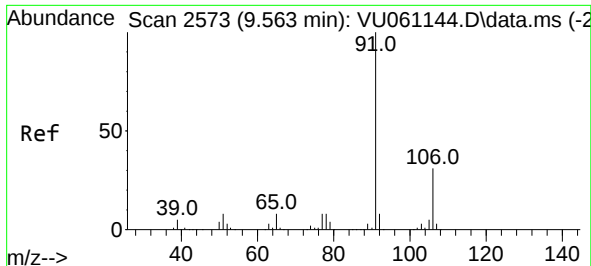
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#62
 Hexachloroethane
 Concen: 11.508 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

Tgt Ion:117 Resp: 115076
 Ion Ratio Lower Upper
 117 100
 201 67.9 54.3 81.5





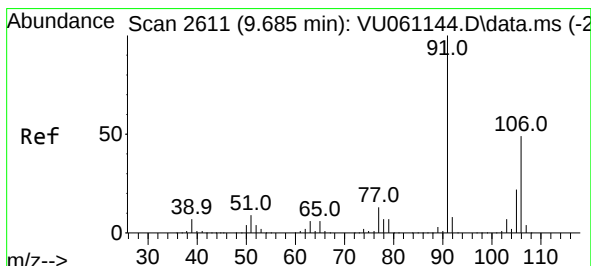
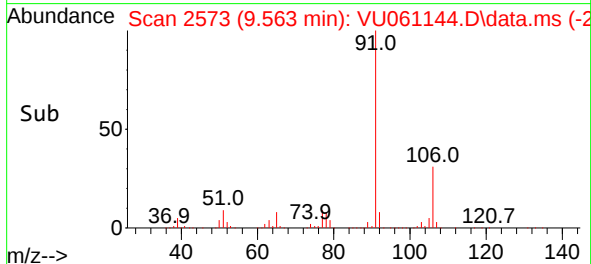
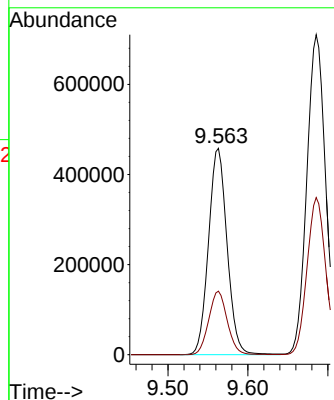
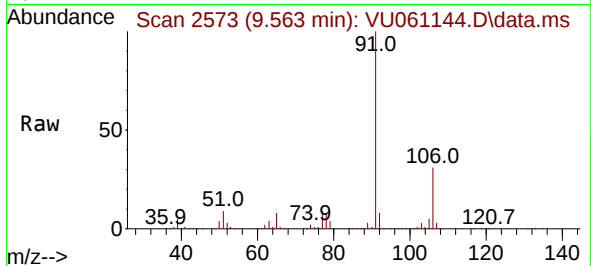
#63
Ethyl Benzene
Concen: 10.994 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 74043
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

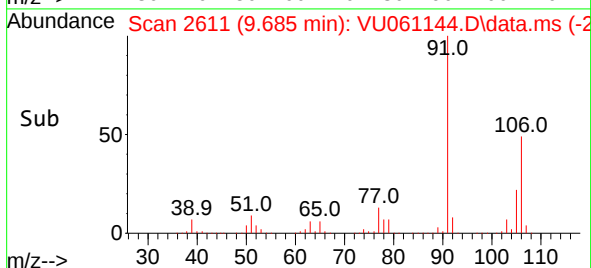
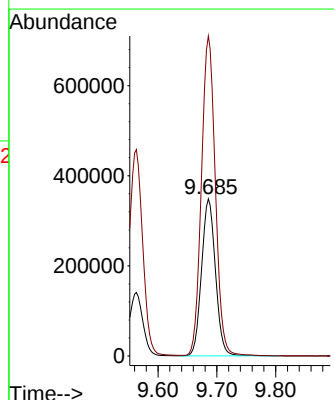
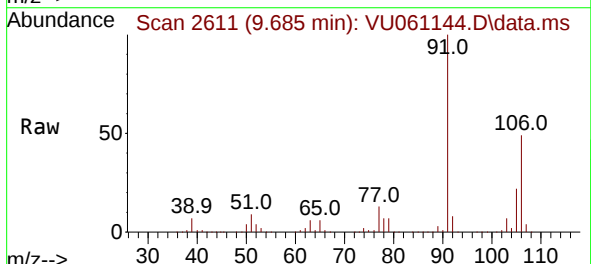
Manual Integrations
APPROVED

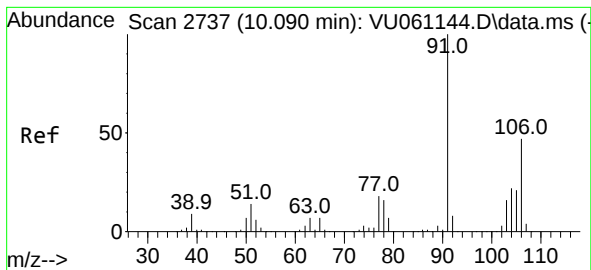
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 22.319 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:106 Resp: 572087
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





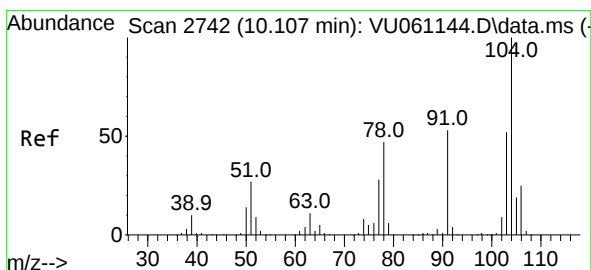
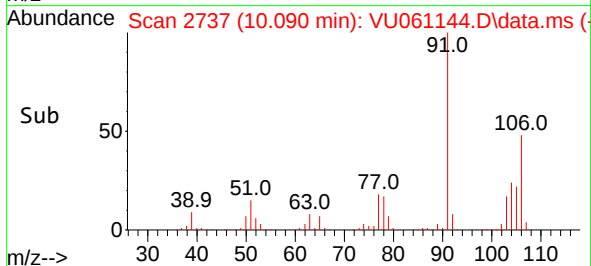
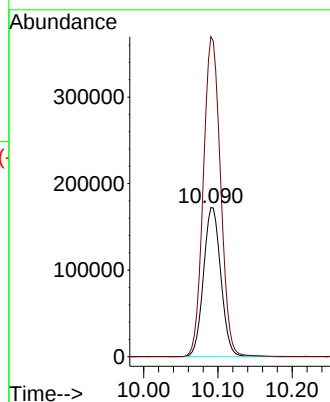
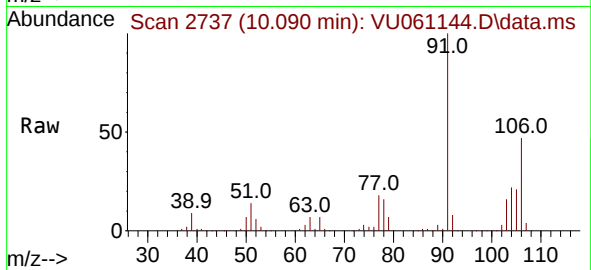
#65
o-Xylene
Concen: 11.057 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 279160
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8

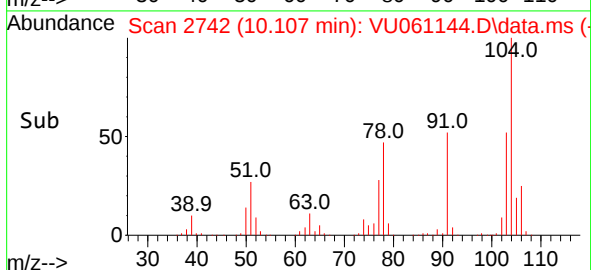
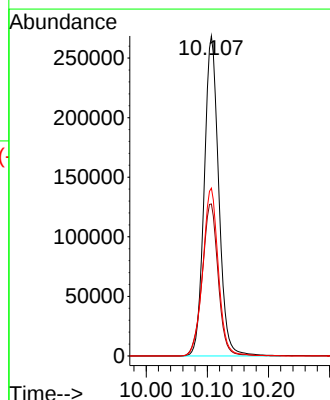
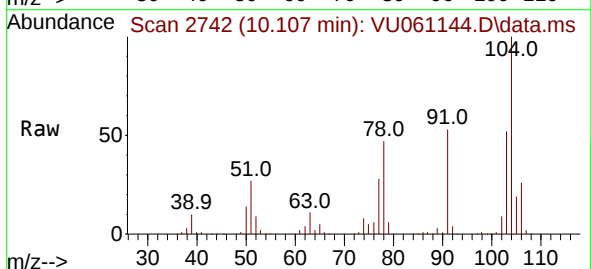
Manual Integrations
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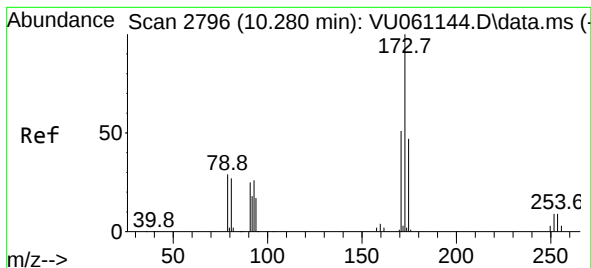
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 11.293 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:104 Resp: 443429
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 56.3 45.0 67.6





#67

Bromoform

Concen: 11.402 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

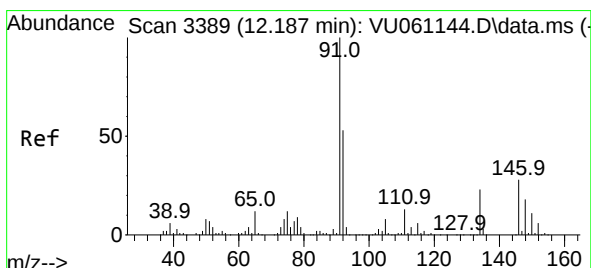
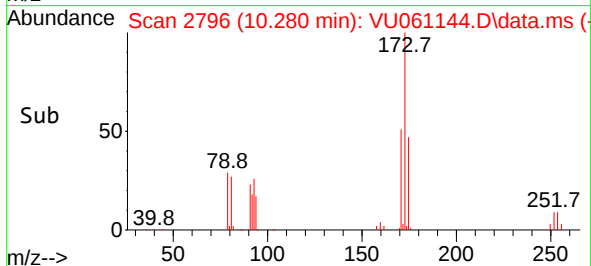
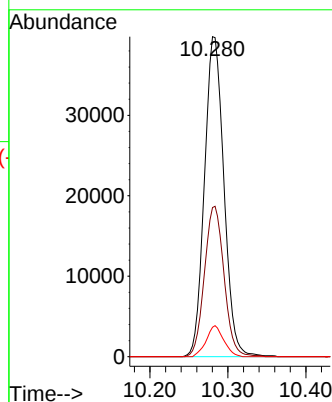
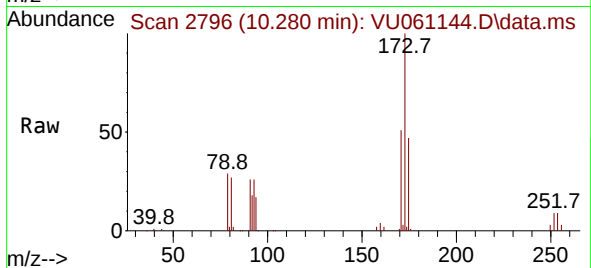
VSTDICCC010

Tgt Ion:	173	Resp:	6896
Ion Ratio	Lower	Upper	
173	100		
175	47.3	37.8	56.8
254	8.7	7.0	10.4

Manual Integrations

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.055 ug/l

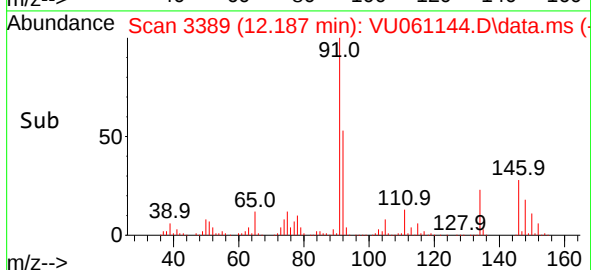
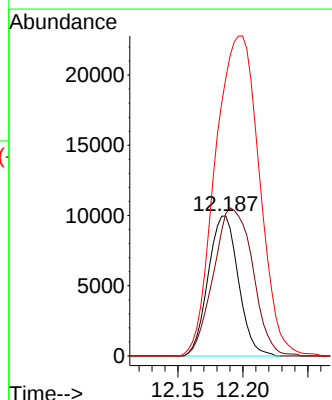
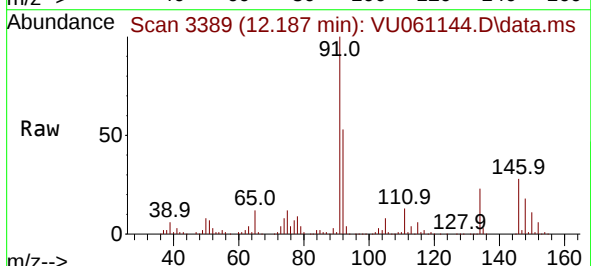
RT: 12.187 min Scan# 3389

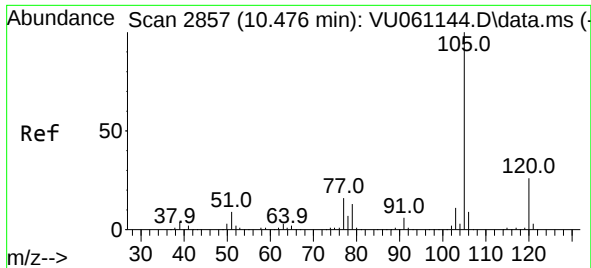
Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Tgt Ion:	152	Resp:	16067
Ion Ratio	Lower	Upper	
152	100		
115	137.5	0.0	275.0
150	334.4	0.0	668.8





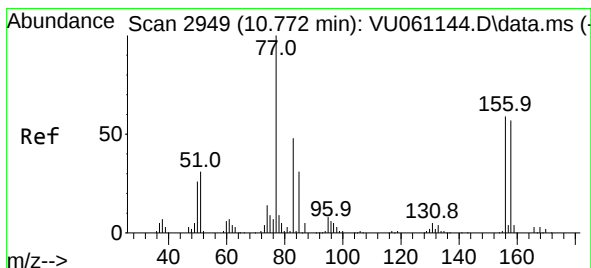
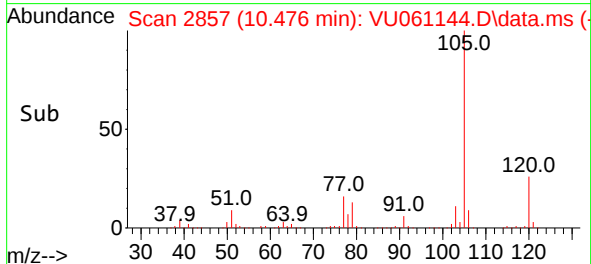
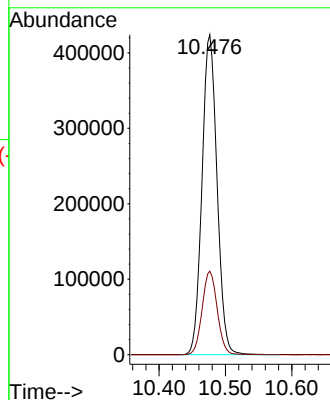
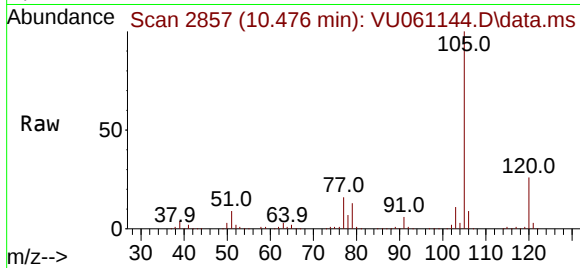
#69
Isopropylbenzene
Concen: 11.097 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 666474
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

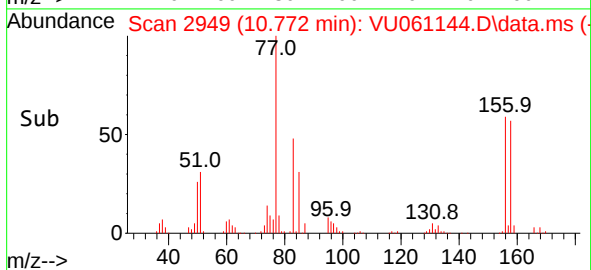
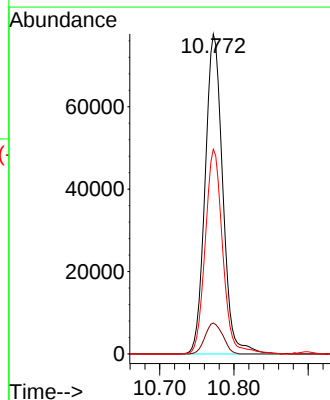
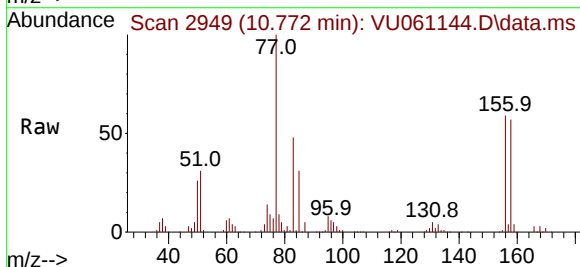
Manual Integrations
APPROVED

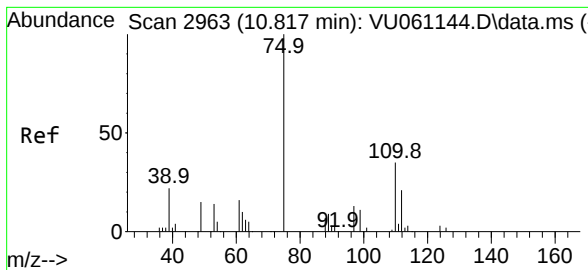
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 10.736 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

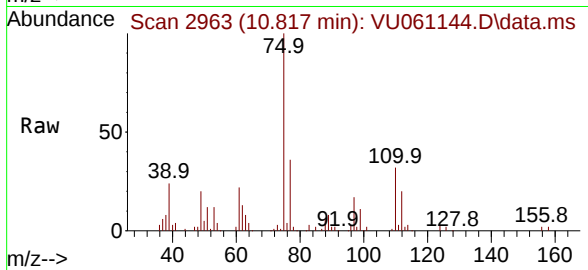
Tgt Ion: 83 Resp: 127593
Ion Ratio Lower Upper
83 100
131 9.8 7.8 11.8
85 63.5 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 10.440 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

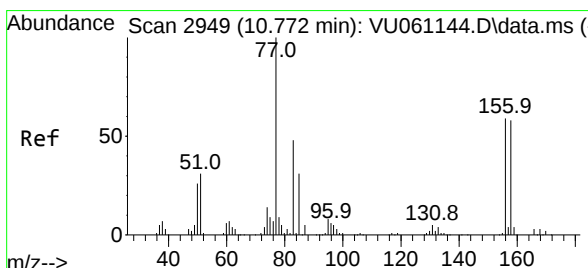
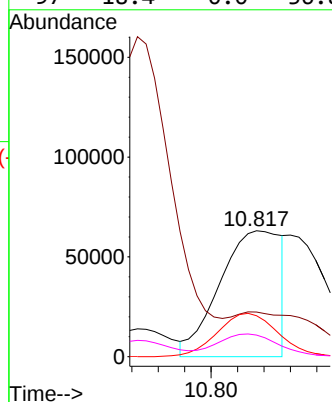
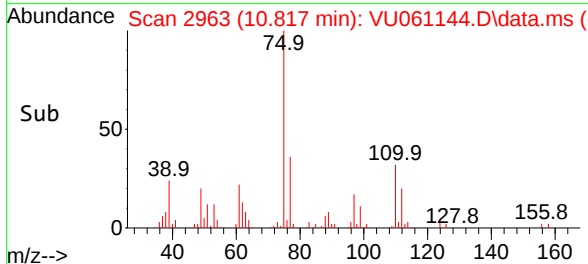
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 75 Resp: 101912
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.3 0.0 68.6
97 18.4 0.0 36.8

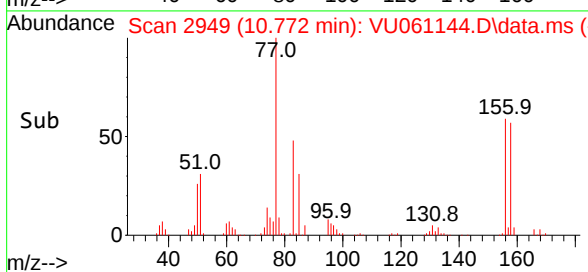
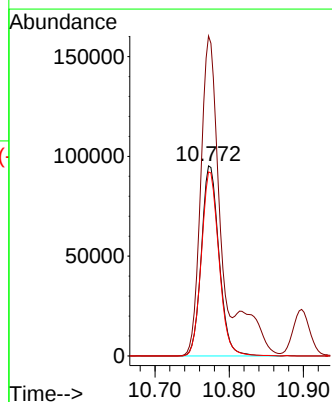
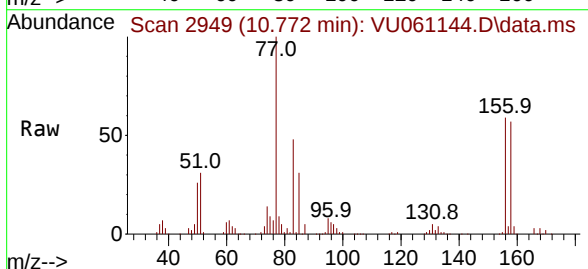
Manual Integrations
APPROVED

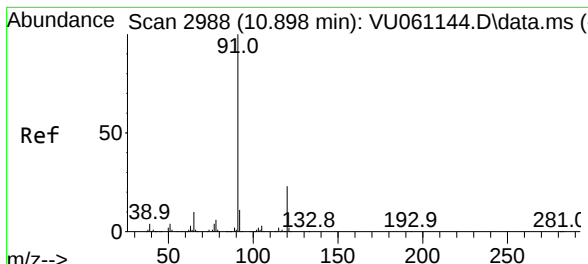
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#72
Bromobenzene
Concen: 10.921 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:156 Resp: 157710
Ion Ratio Lower Upper
156 100
77 168.6 0.0 337.2
158 96.4 0.0 192.8





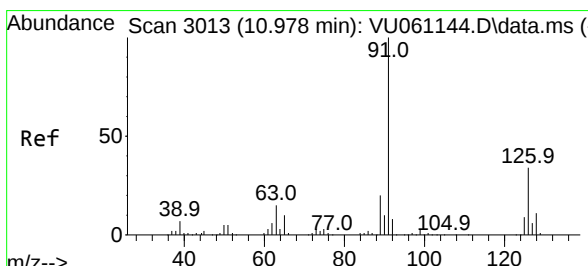
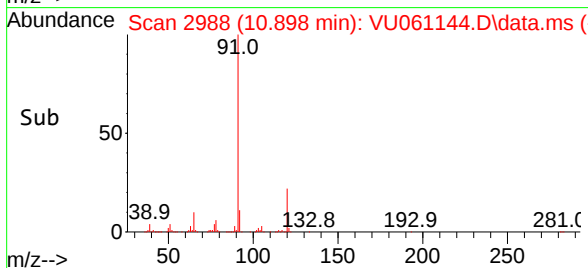
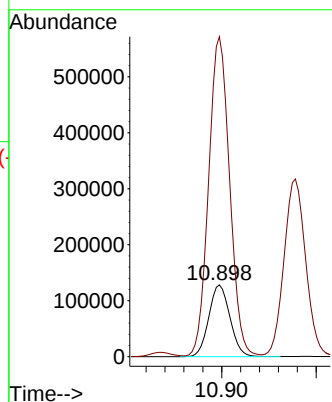
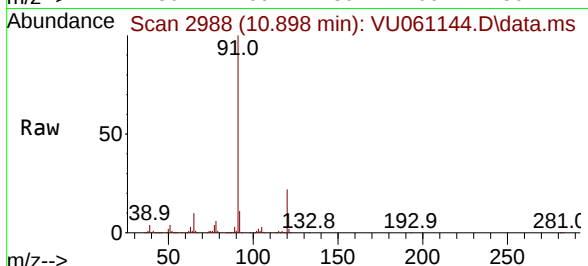
#73
 n-propylbenzene
 Concen: 11.335 ug/l
 RT: 10.898 min Scan# 2988
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

Instrument : MSVOA_U
 ClientSampleId : VSTDICCC010

Tgt Ion:	120	Resp:	19864
Ion Ratio	Lower	Upper	
120	100		
91	442.0	353.6	530.4

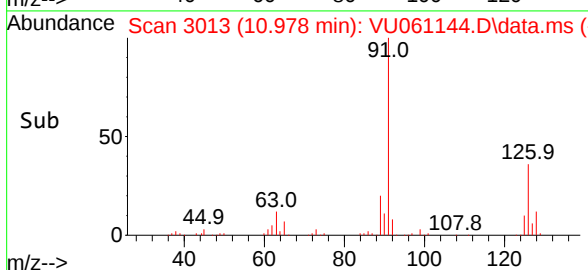
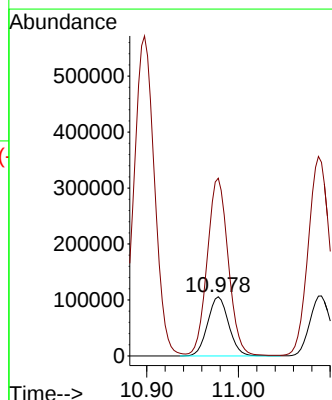
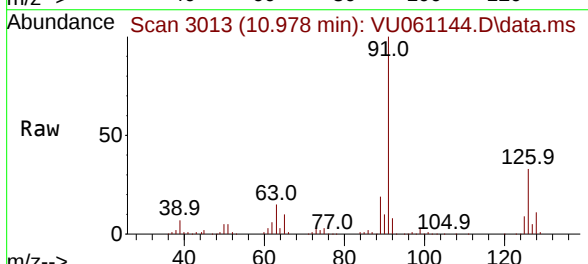
Manual Integrations
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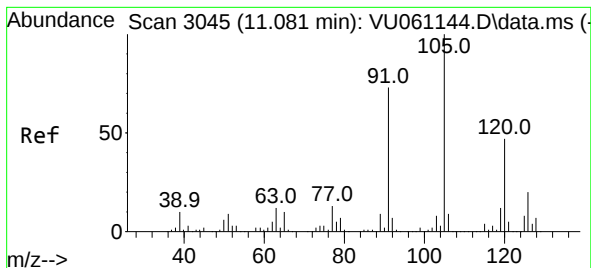
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#74
 2-Chlorotoluene
 Concen: 11.121 ug/l
 RT: 10.978 min Scan# 3013
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

Tgt Ion:	126	Resp:	168578
Ion Ratio	Lower	Upper	
126	100		
91	297.6	0.0	595.2





#75

1,3,5-Trimethylbenzene

Concen: 11.242 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 608778

Ion Ratio Lower Upper

105 100

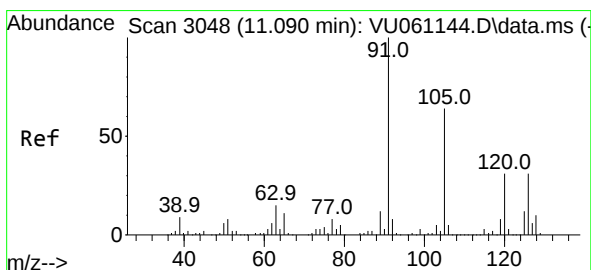
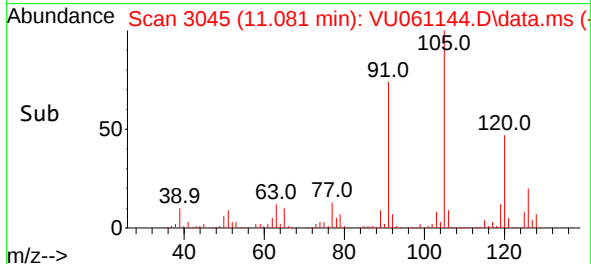
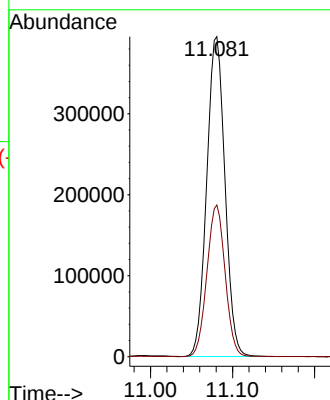
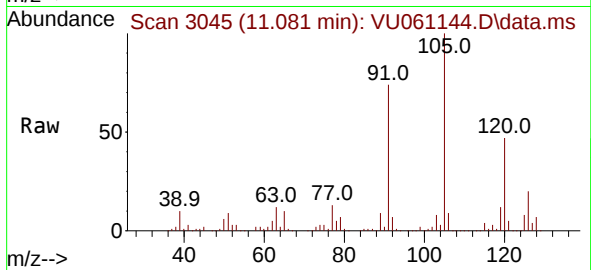
120 47.5 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#76

4-Chlorotoluene

Concen: 11.203 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU061144.D

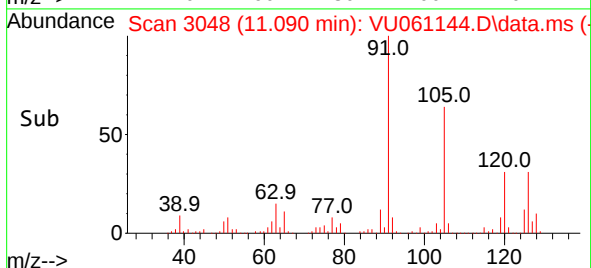
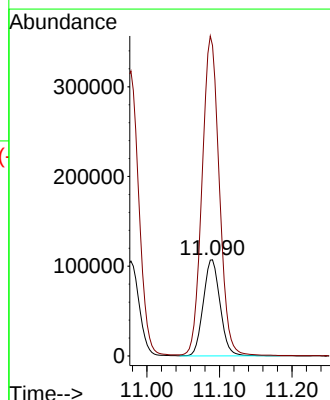
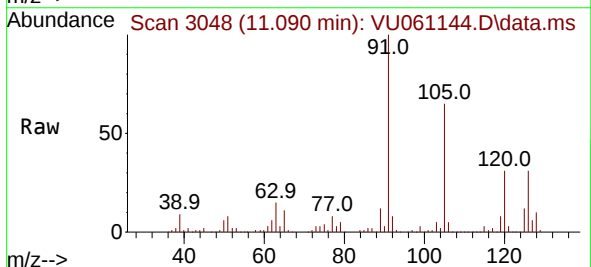
Acq: 17 Oct 2024 13:06

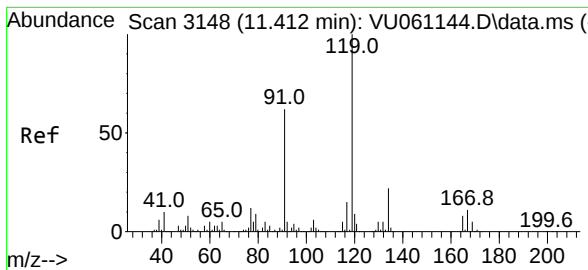
Tgt Ion:126 Resp: 172596

Ion Ratio Lower Upper

126 100

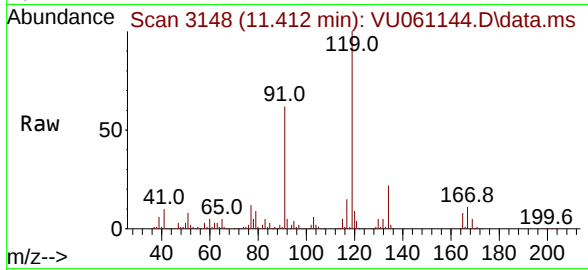
91 339.1 0.0 678.2





#77
 tert-Butylbenzene
 Concen: 11.241 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

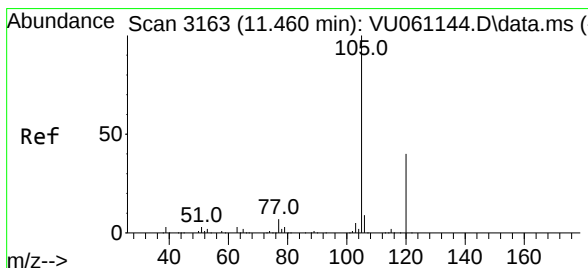
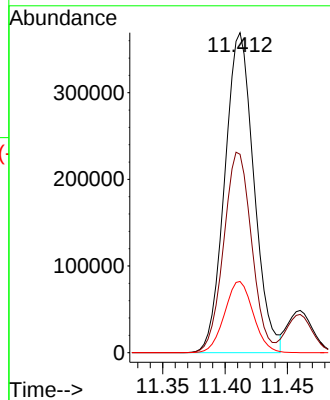
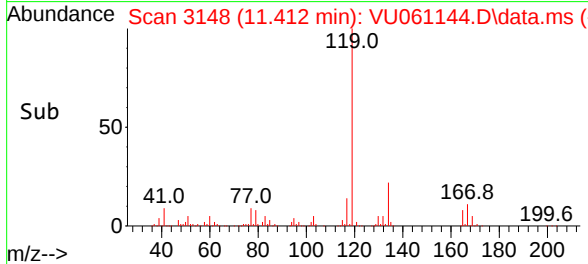
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion:119 Resp: 601684
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.1 90.5
 134 21.9 17.5 26.3

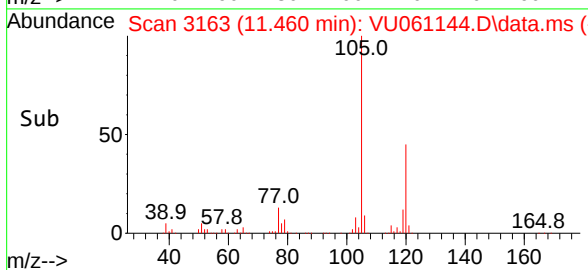
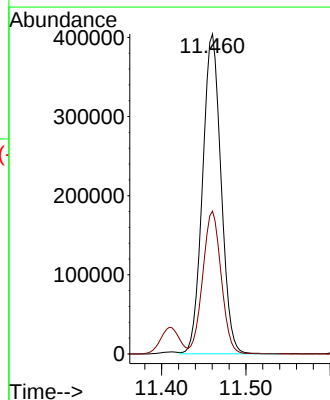
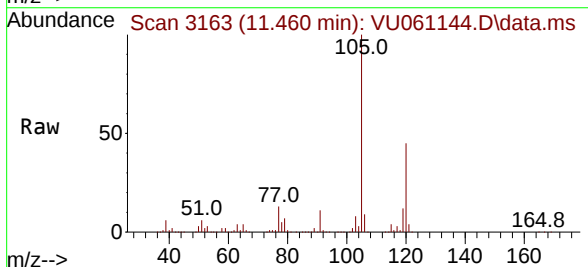
Manual Integrations
 APPROVED

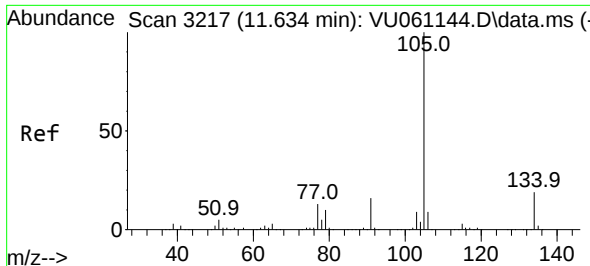
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#78
 1,2,4-Trimethylbenzene
 Concen: 11.280 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

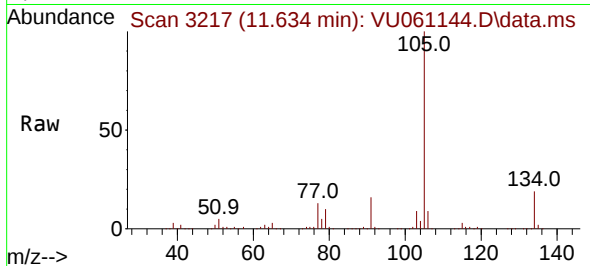
Tgt Ion:105 Resp: 616693
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 11.344 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06

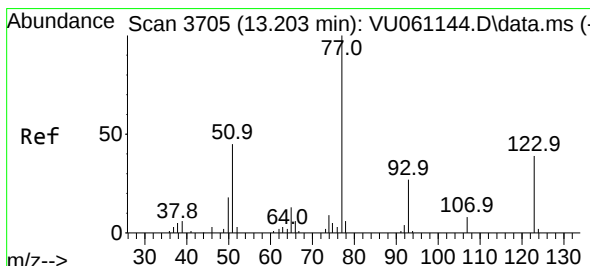
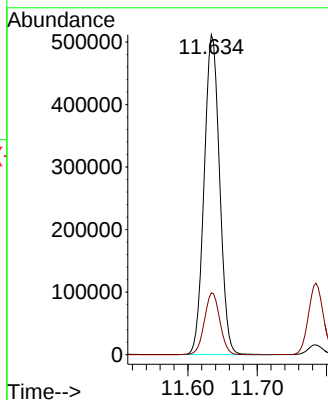
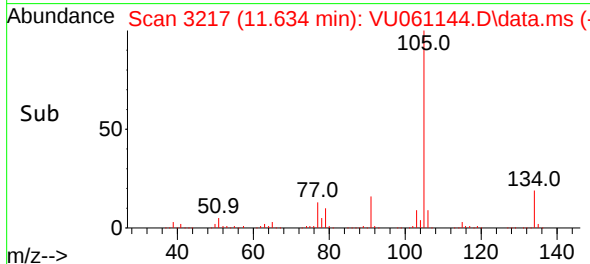
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



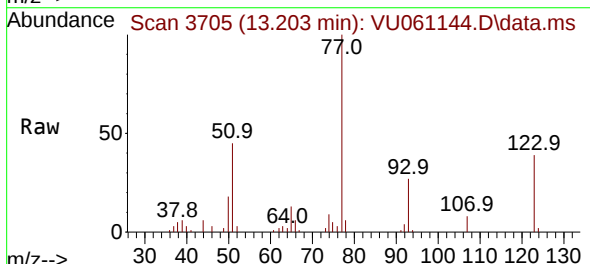
Tgt Ion:105 Resp: 790729
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3

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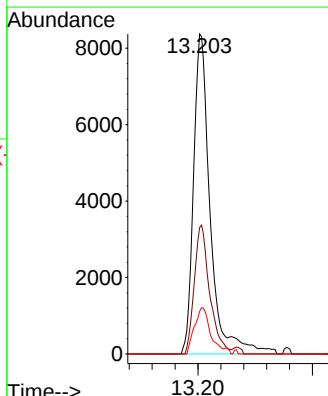
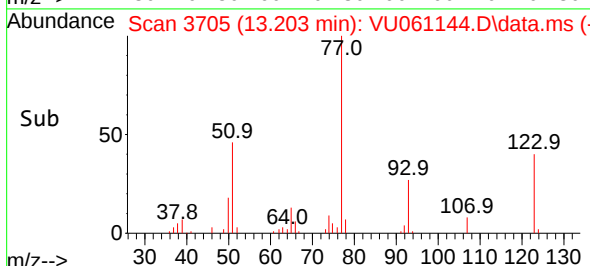
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

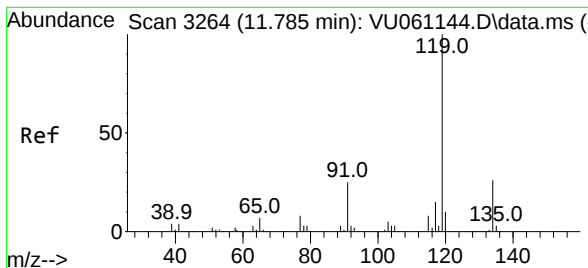


#80
 Nitrobenzene
 Concen: 49.659 ug/l m
 RT: 13.203 min Scan# 3705
 Delta R.T. 0.000 min
 Lab File: VU061144.D
 Acq: 17 Oct 2024 13:06



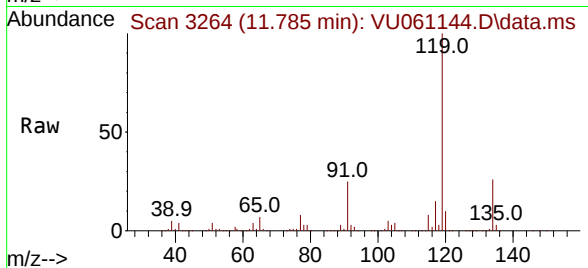
Tgt Ion: 77 Resp: 16914
 Ion Ratio Lower Upper
 77 100
 123 35.4 15.6 55.2
 65 12.2 10.7 13.7





#81
p-Isopropyltoluene
Concen: 11.308 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

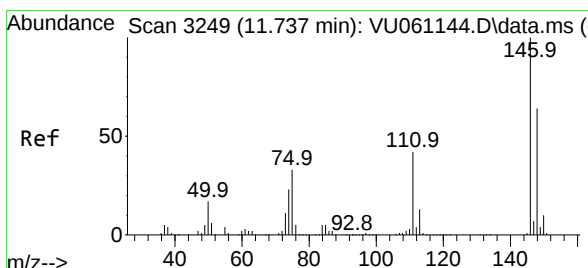
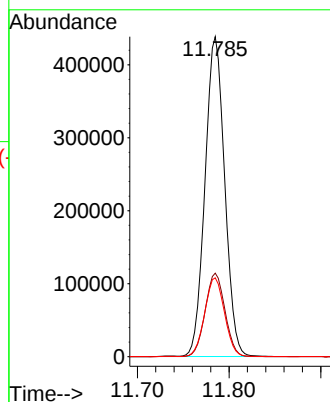
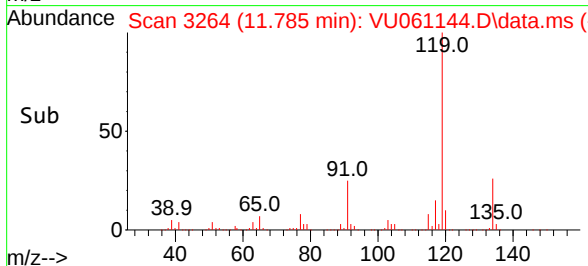
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



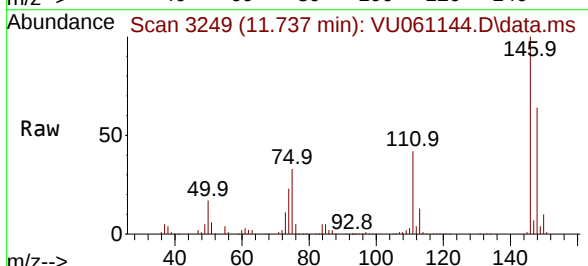
Tgt Ion:119 Resp: 65256
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.6
91 24.8 19.8 29.8

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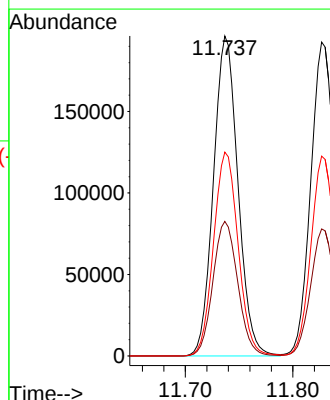
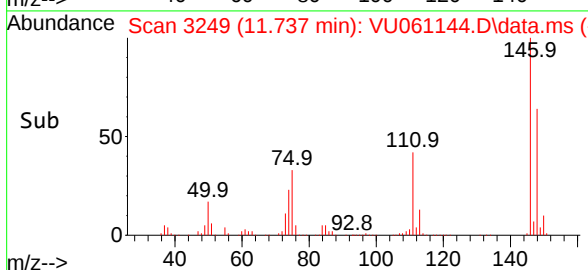
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

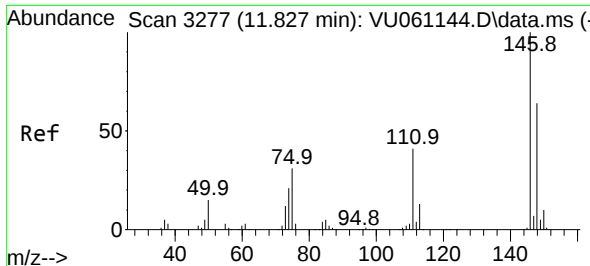


#82
1,3-Dichlorobenzene
Concen: 11.214 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06



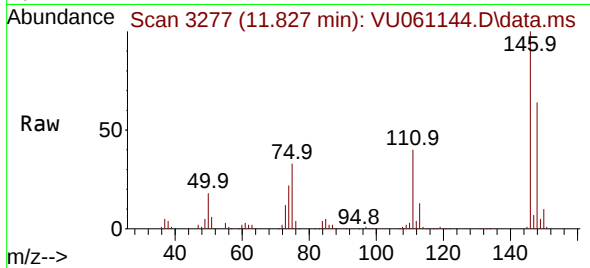
Tgt Ion:146 Resp: 310695
Ion Ratio Lower Upper
146 100
111 42.6 34.1 51.1
148 64.0 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 11.288 ug/l
RT: 11.827 min Scan# 311830
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

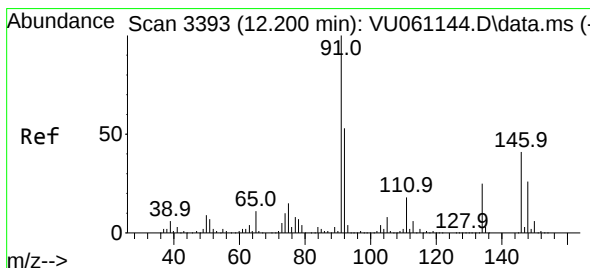
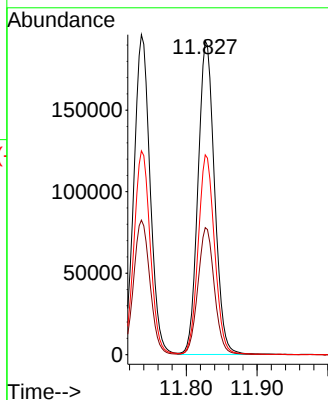
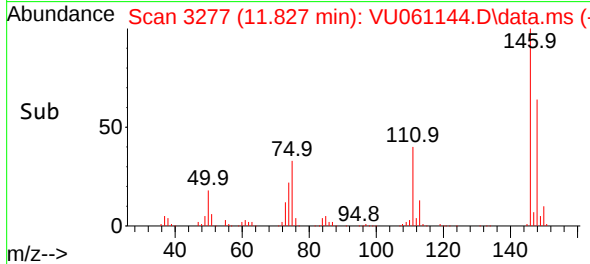
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



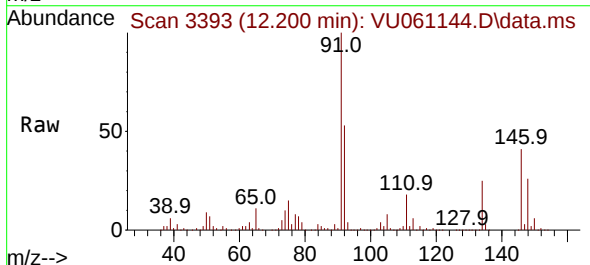
Tgt Ion:146 Resp: 311830
Ion Ratio Lower Upper
146 100
111 40.1 32.1 48.1
148 62.9 50.3 75.5

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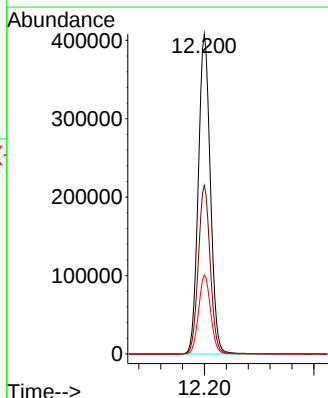
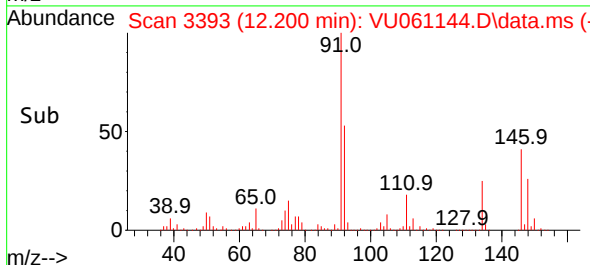
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

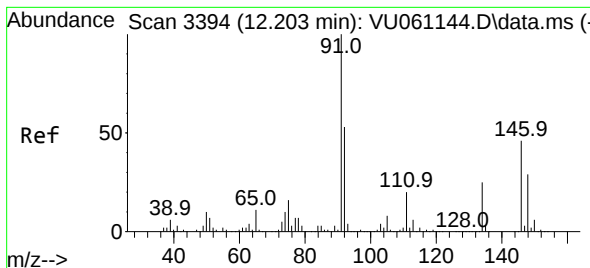


#84
n-Butylbenzene
Concen: 11.623 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06



Tgt Ion: 91 Resp: 622318
Ion Ratio Lower Upper
91 100
92 52.3 41.8 62.8
134 24.6 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 11.041 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

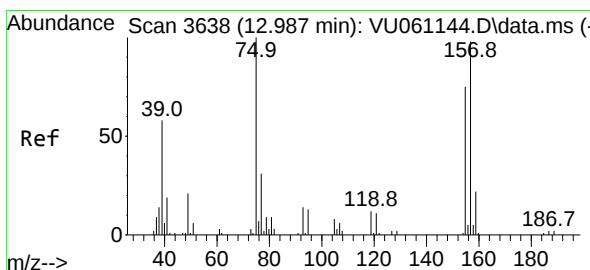
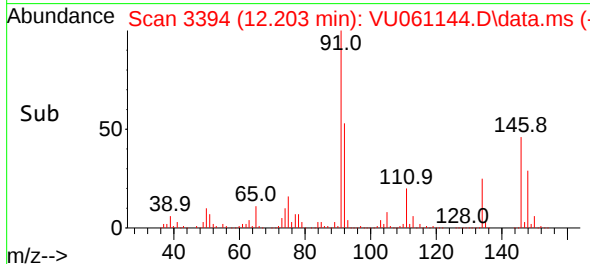
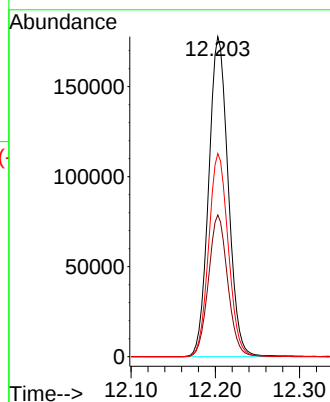
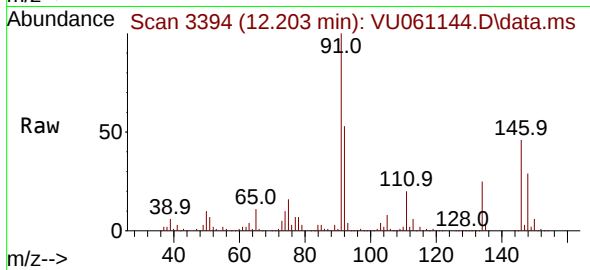
Tgt Ion:146 Resp: 286009

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	63.7	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: 11.974 ug/l

RT: 12.987 min Scan# 3638

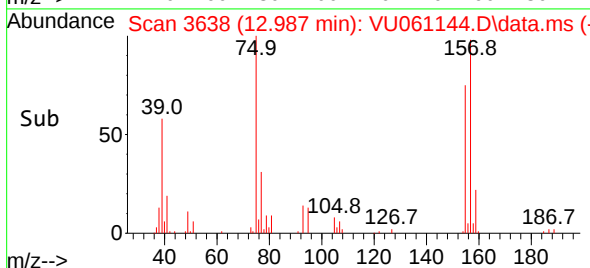
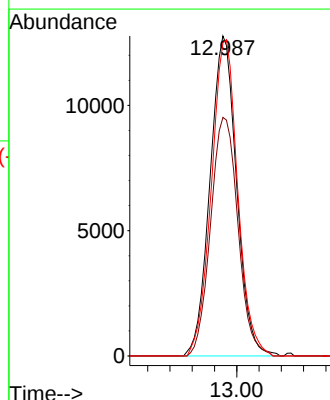
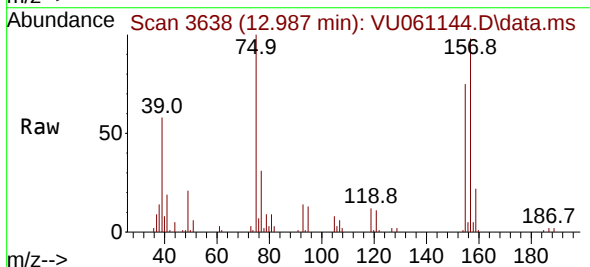
Delta R.T. 0.000 min

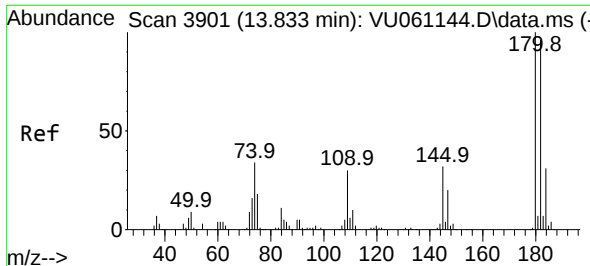
Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Tgt Ion: 75 Resp: 21116

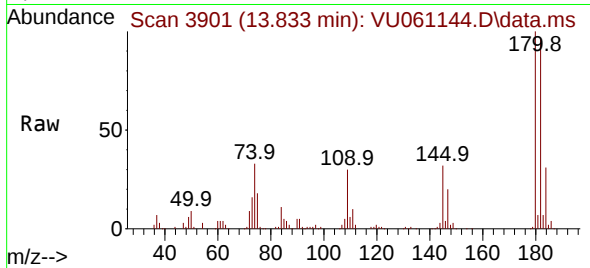
Ion	Ratio	Lower	Upper
75	100		
155	76.7	61.4	92.0
157	98.1	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 11.827 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

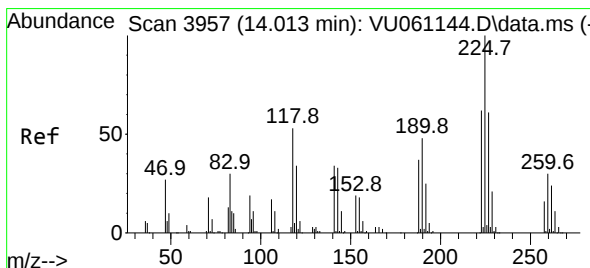
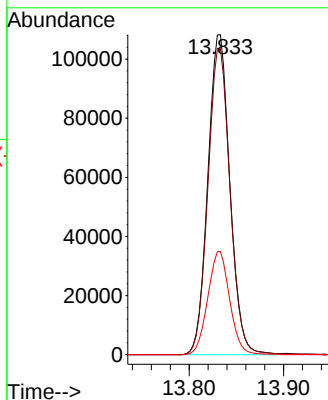
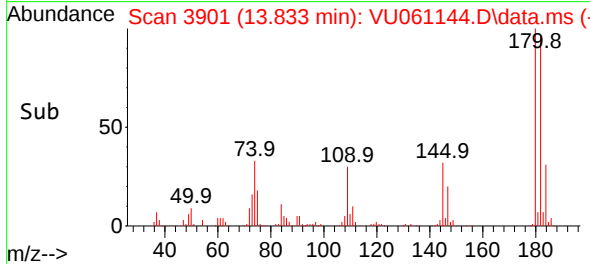
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 175218
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 32.1 25.7 38.5

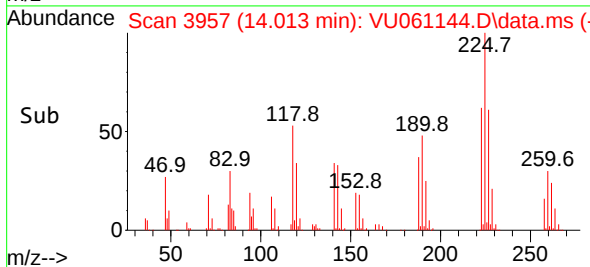
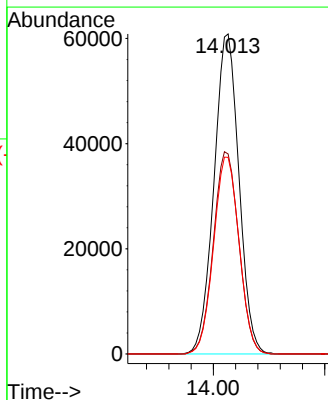
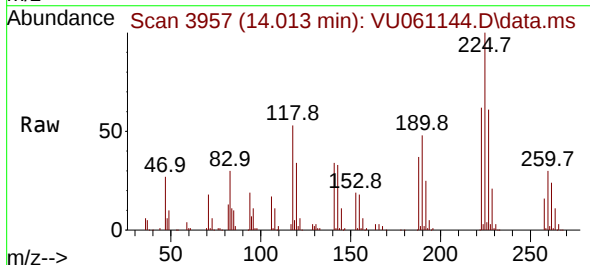
Manual Integrations
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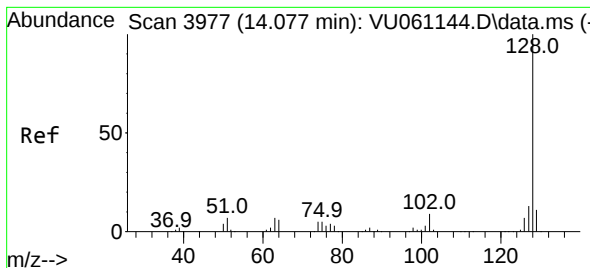
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#88
Hexachlorobutadiene
Concen: 11.317 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU061144.D
Acq: 17 Oct 2024 13:06

Tgt Ion:225 Resp: 94798
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.2
227 62.9 50.3 75.5





#89

Naphthalene

Concen: 11.563 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

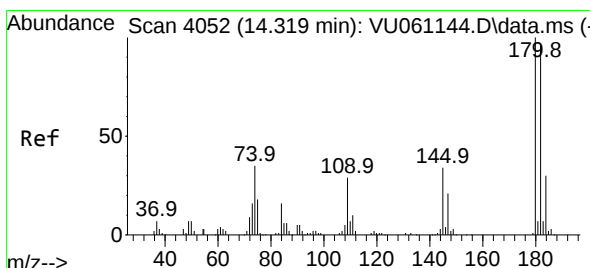
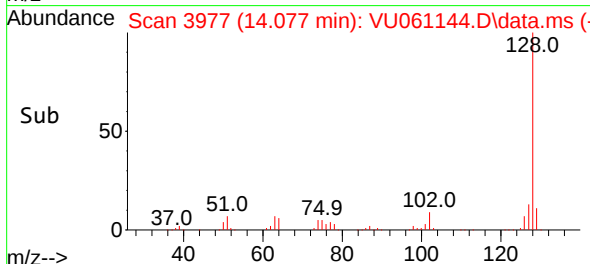
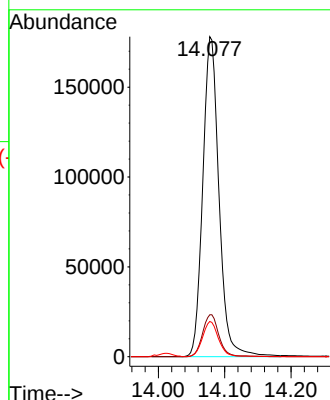
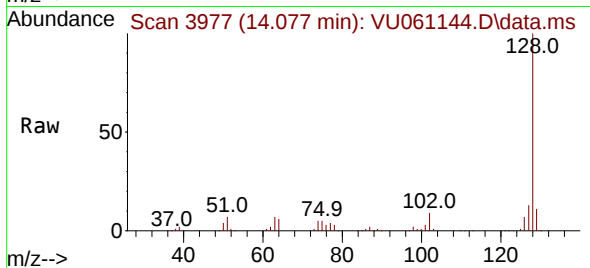
VSTDICCC010

Tgt Ion:128	Resp: 30228
Ion Ratio	Lower Upper
128 100	
127 13.3	10.6 16.0
129 10.9	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: 11.679 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. 0.000 min

Lab File: VU061144.D

Acq: 17 Oct 2024 13:06

Tgt Ion:180	Resp: 155440
Ion Ratio	Lower Upper
180 100	
182 95.3	76.2 114.4
145 33.5	26.8 40.2

