

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061135.D
 Acq On : 16 Oct 2024 11:15
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 04:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	29191	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15490	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15509	1.057	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	29595	5.206	ug/l	98
3) Chloromethane	1.515	50	18184	4.664	ug/l	94
4) Vinyl Chloride	1.602	62	23839	5.202	ug/l	100
5) Bromomethane	1.853	94	14605	4.751	ug/l	99
6) Chloroethane	1.930	64	23904	5.005	ug/l	95
7) Trichlorofluoromethane	2.132	101	55828	5.062	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	36928	5.197	ug/l	99
9) 1,1-Dichloroethene	2.573	96	26443	5.236	ug/l	97
10) Iodomethane	2.714	142	22885	5.012	ug/l	98
11) Allyl Chloride	2.917	41	40562	4.973	ug/l	97
12) Acrylonitrile	3.319	53	20979m	10.222	ug/l	
13) Acetone	2.637	43	71583	22.611	ug/l	99
14) Carbon Disulfide	2.788	76	19404	4.813	ug/l	96
15) Methylene Chloride	3.039	84	41849	4.822	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	29025	5.089	ug/l	99
17) 1,1-Dichloroethane	3.859	63	87658	5.126	ug/l	99
18) 2-Butanone	4.705	43	83630	23.202	ug/l	99
19) Cyclohexane	5.380	56	36897m	5.135	ug/l	
20) Methylcyclohexane	6.753	83	46645	5.101	ug/l	99
21) 2,2-Dichloropropane	4.653	77	84284	5.085	ug/l	100
22) cis-1,2-Dichloroethene	4.656	96	50009	5.180	ug/l	99
23) Diethyl Ether	2.370	59	28297	5.118	ug/l	99
24) tert-Butyl Alcohol	3.222	59	47880	51.573	ug/l #	85
25) Methyl tert-Butyl Ether	3.354	73	131570	5.178	ug/l	99
26) Bromochloromethane	4.962	128	20495	5.095	ug/l	98
27) Chloroform	5.078	83	103003	5.009	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	84360	5.184	ug/l	98
29) 1,1-Dichloropropene	5.518	75	50065	5.310	ug/l	98
30) Carbon Tetrachloride	5.515	117	65341	5.211	ug/l	99
31) Isopropyl Ether	3.981	45	144462	5.171	ug/l	99
32) Ethyl-t-butyl ether	4.489	59	151095	5.112	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	138705	5.049	ug/l	99
34) Propionitrile	4.785	54	21704m	25.876	ug/l	
35) Benzene	5.766	78	170221	5.141	ug/l	98
36) 1,2-Dichloroethane	5.785	62	59582	5.220	ug/l	100
37) Trichloroethene	6.534	130	47255	5.151	ug/l	95
38) 1,2-Dichloropropane	6.782	63	56642	5.149	ug/l	98
39) Methacrylonitrile	4.968	41	14896	5.235	ug/l	97
40) Methyl acrylate	4.849	55	26111m	5.450	ug/l	
41) Tetrahydrofuran	5.058	42	15850m	10.341	ug/l	
42) 1-Chlorobutane	5.451	56	67497	5.069	ug/l	100
43) Dibromomethane	6.910	93	26613	5.197	ug/l	99
44) Bromodichloromethane	7.097	83	79447	5.116	ug/l	98

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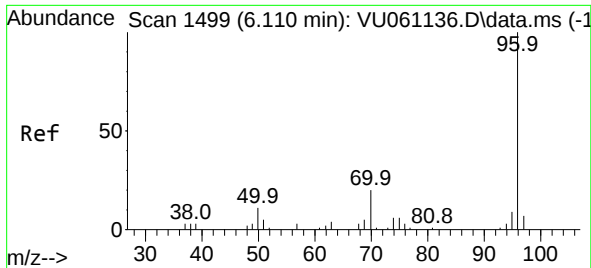
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 10/17/2024

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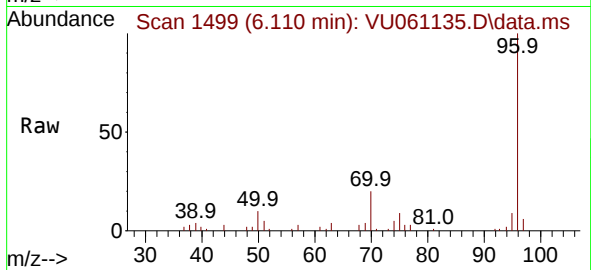
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	169415	25.237	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	27573m	9.602	ug/l	
47) Methyl methacrylate	6.952	69	54706	10.449	ug/l	98
48) Ethyl methacrylate	8.325	69	57401	5.256	ug/l	100
49) Toluene	7.962	92	114980	5.111	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	72166	5.279	ug/l	100
51) cis-1,3-Dichloropropene	7.598	75	82315	5.172	ug/l	97
52) 1,1,2-Trichloroethane	8.389	97	43808	5.050	ug/l	98
53) 1,3-Dichloropropane	8.566	76	72696	5.174	ug/l	100
54) 2-Hexanone	8.676	43	140427	23.782	ug/l	99
55) Dibromochloromethane	8.801	129	53615	5.118	ug/l	98
56) 1,2-Dibromoethane	8.917	107	37250	5.094	ug/l	97
58) Tetrachloroethene	8.544	164	41051	5.117	ug/l	97
59) Chlorobenzene	9.438	112	150304	5.156	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	57883	5.090	ug/l	98
61) Pentachloroethane	11.418	117	45223	5.162	ug/l	97
62) Hexachloroethane	12.466	117	46336	5.072	ug/l	99
63) Ethyl Benzene	9.560	91	256235	5.143	ug/l	99
64) m/p-Xylenes	9.685	106	190974	10.301	ug/l	99
65) o-Xylene	10.090	106	102371	5.221	ug/l	98
66) Styrene	10.106	104	162603	5.203	ug/l	99
67) Bromoform	10.280	173	28277	5.021	ug/l	99
69) Isopropylbenzene	10.476	105	272993	5.121	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	59208	5.188	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	49088m	5.530	ug/l	
72) Bromobenzene	10.775	156	60558	5.192	ug/l	99
73) n-propylbenzene	10.897	120	71554	5.139	ug/l	98
74) 2-Chlorotoluene	10.975	126	66115	5.227	ug/l	97
75) 1,3,5-Trimethylbenzene	11.077	105	231364	5.170	ug/l	100
76) 4-Chlorotoluene	11.090	126	66838	5.212	ug/l	97
77) tert-Butylbenzene	11.412	119	239600	5.143	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	238535	5.221	ug/l	100
79) sec-Butylbenzene	11.634	105	308528	5.123	ug/l	99
80) Nitrobenzene	13.209	77	6817m	23.393	ug/l	
81) p-Isopropyltoluene	11.785	119	252531	5.170	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	125841	5.122	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	124788	5.112	ug/l	99
84) n-Butylbenzene	12.200	91	242045	5.147	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	121950	5.152	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	8988	5.058	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	74784	5.294	ug/l	99
88) Hexachlorobutadiene	14.010	225	39180	4.994	ug/l	99
89) Naphthalene	14.081	128	124387	5.243	ug/l	99
90) 1,2,3-Trichlorobenzene	14.318	180	62590	5.234	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: VU061135.D
Acq: 16 Oct 2024 11:15

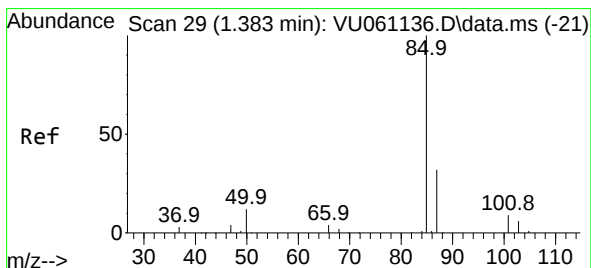
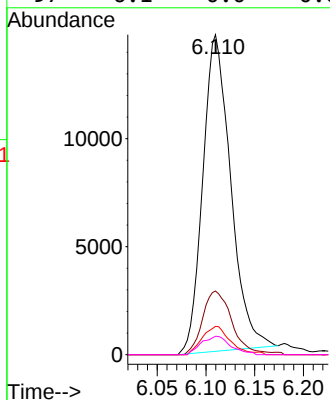
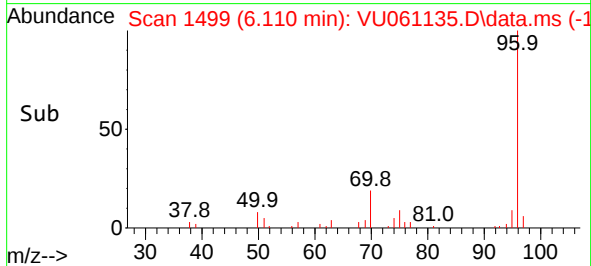
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



Tgt Ion	Ratio	Lower	Upper
96	100		
70	20.1	16.5	24.7
95	9.1	7.3	10.9
97	6.1	0.0	0.0

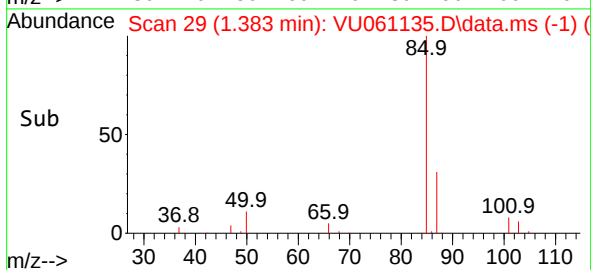
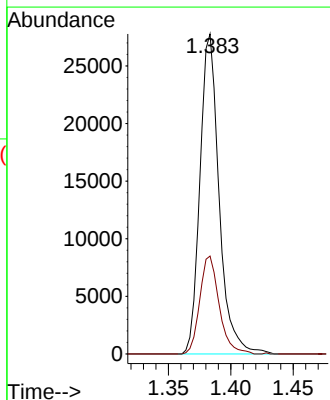
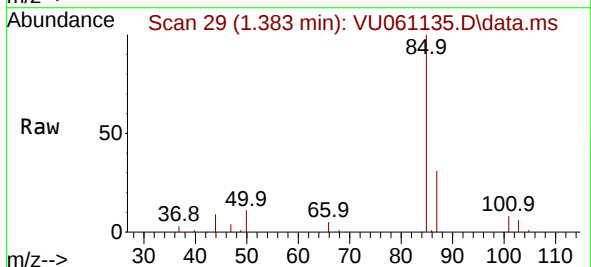
Manual Integrations
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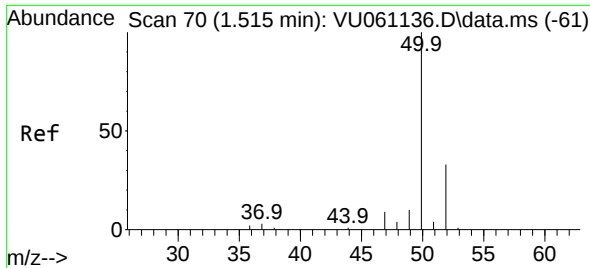
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#2
Dichlorodifluoromethane
Concen: 5.206 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.0	47.9





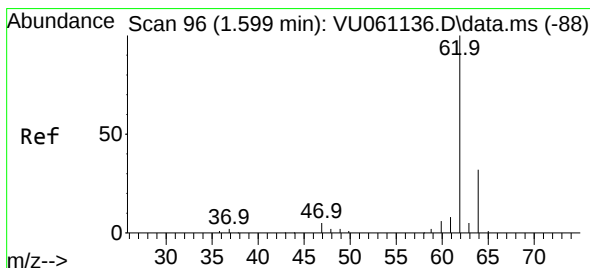
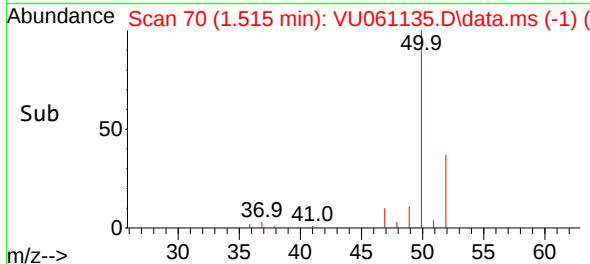
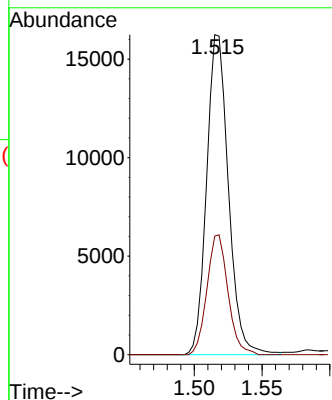
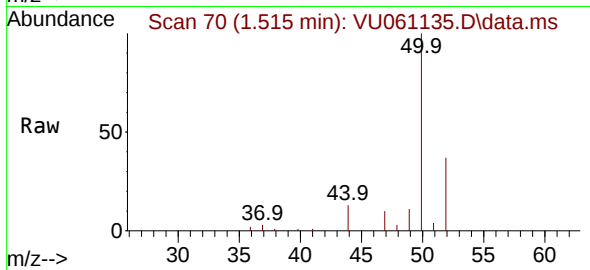
#3
Chloromethane
Concen: 4.664 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 18184
Ion Ratio Lower Upper
50 100
52 37.1 26.8 40.2

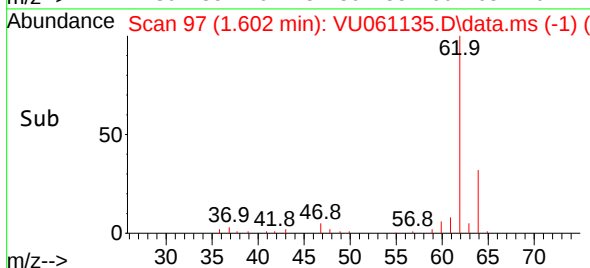
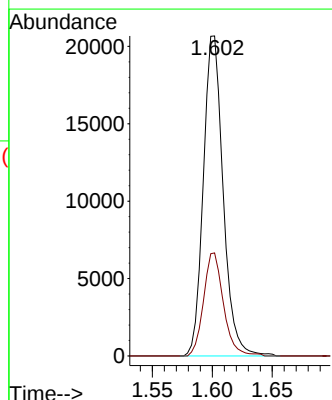
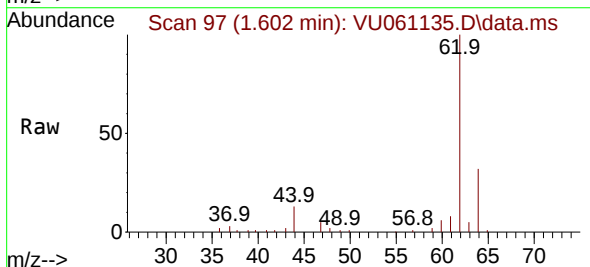
Manual Integrations
APPROVED

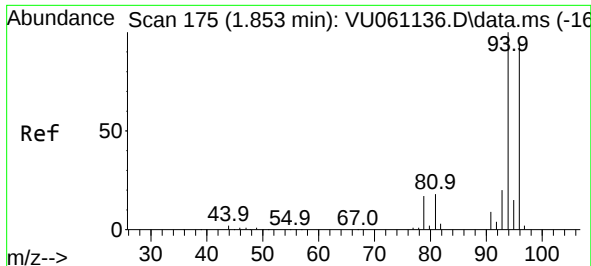
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#4
Vinyl Chloride
Concen: 5.202 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

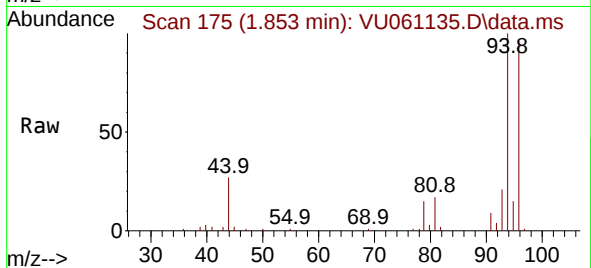
Tgt Ion: 62 Resp: 23839
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5
Bromomethane
Concen: 4.751 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

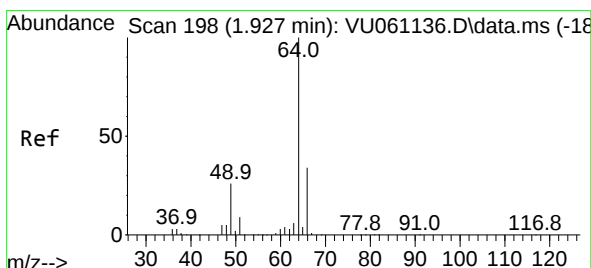
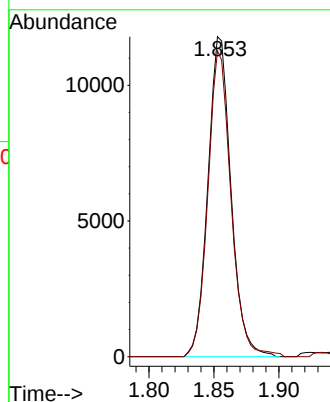
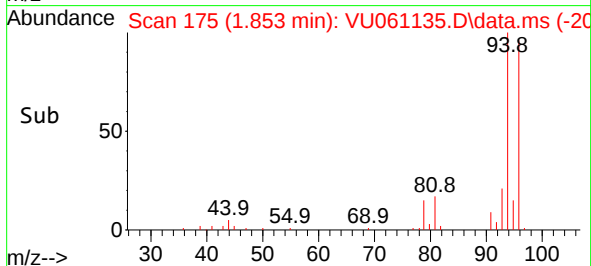
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



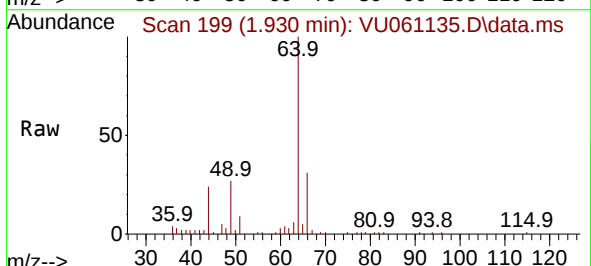
Tgt Ion: 94 Resp: 1460
Ion Ratio Lower Upper
94 100
96 95.6 75.4 113.2

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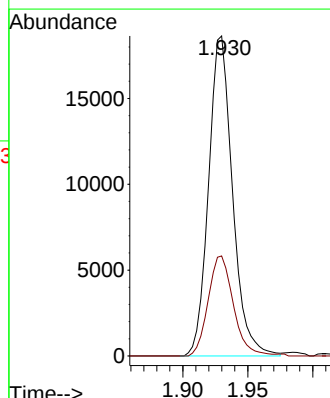
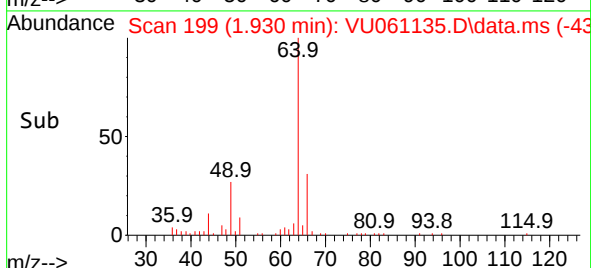
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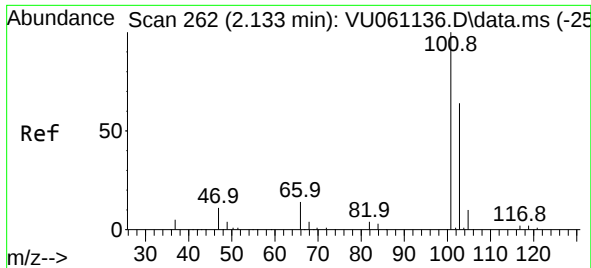


#6
Chloroethane
Concen: 5.005 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15



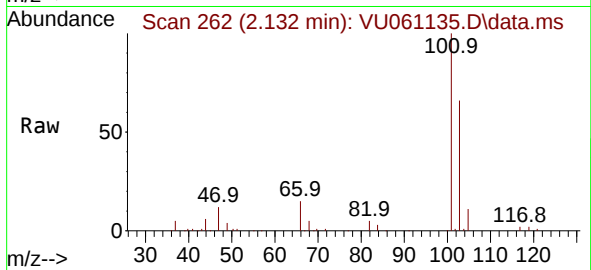
Tgt Ion: 64 Resp: 23904
Ion Ratio Lower Upper
64 100
66 31.2 27.3 40.9





#7
Trichlorofluoromethane
Concen: 5.062 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

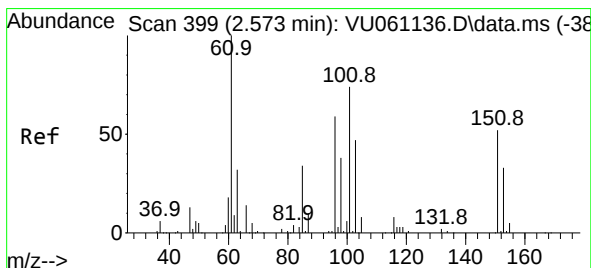
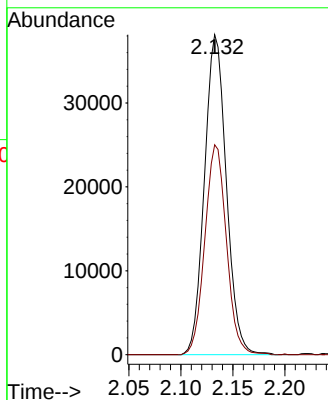
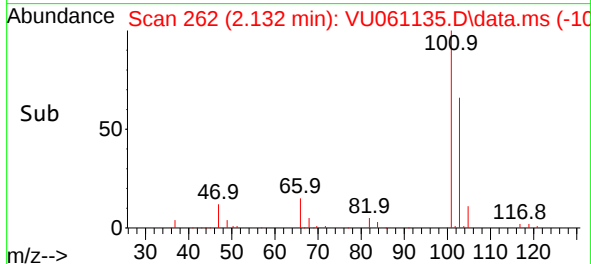
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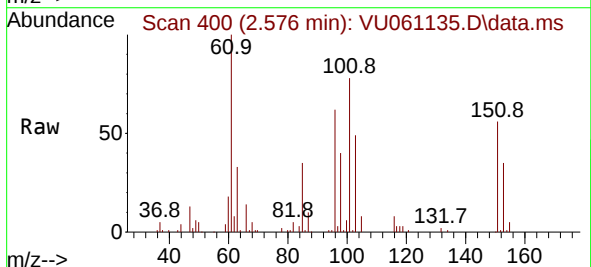
Tgt Ion:101 Resp: 55828
Ion Ratio Lower Upper
101 100
103 65.6 51.1 76.7

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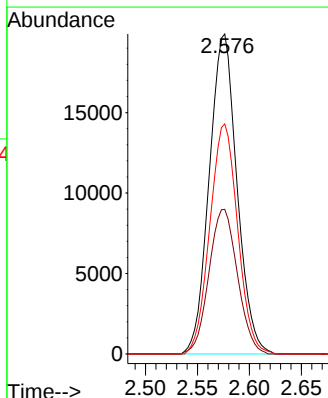
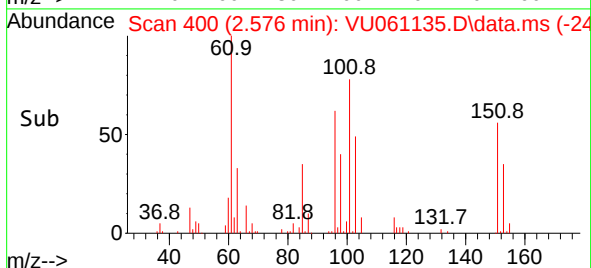
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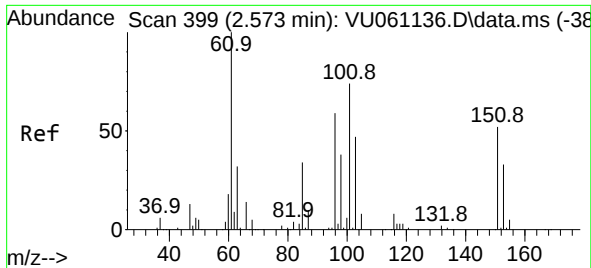


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.197 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15



Tgt Ion:101 Resp: 36928
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 72.1 57.0 85.6





#9

1,1-Dichloroethene

Concen: 5.236 ug/l

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

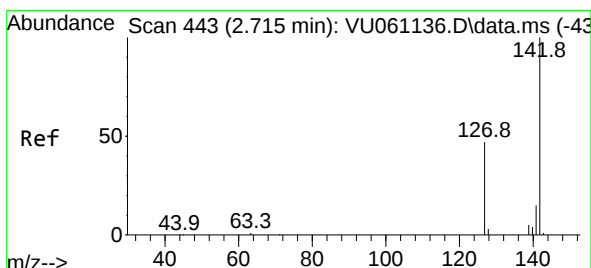
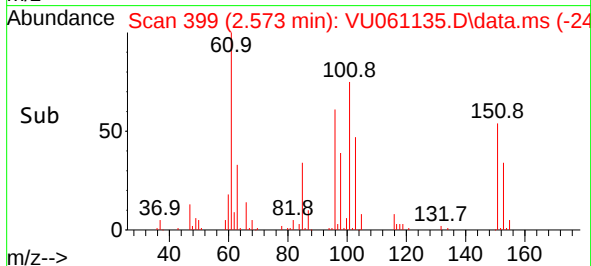
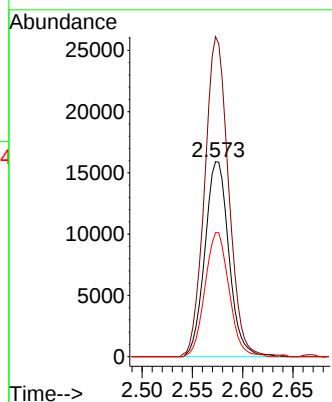
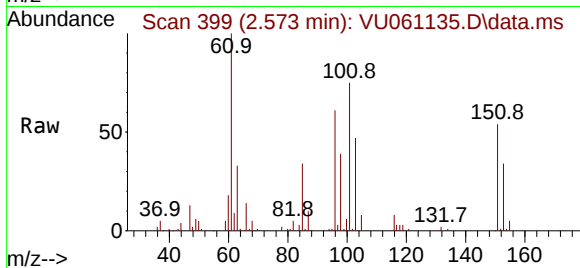
VSTDIC005

Tgt Ion:	96	Resp:	2644
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	505.5
98	63.5	0.0	128.6

Manual Integrations

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#10

Iodomethane

Concen: 5.012 ug/l

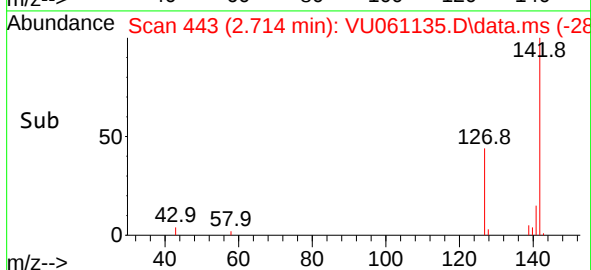
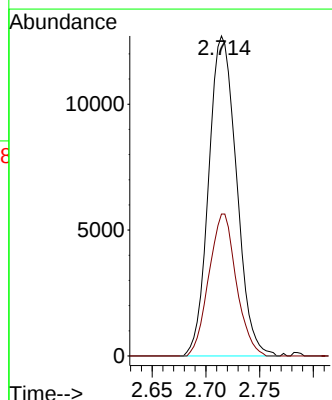
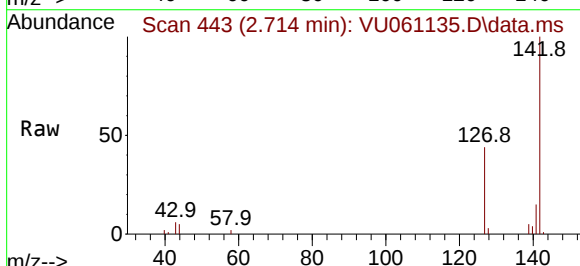
RT: 2.714 min Scan# 443

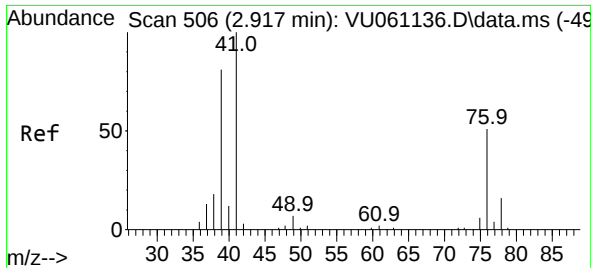
Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

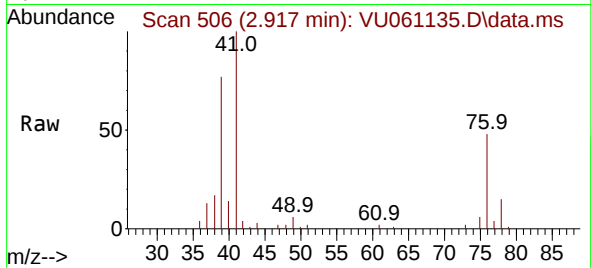
Tgt Ion:	142	Resp:	22885
Ion	Ratio	Lower	Upper
142	100		
127	43.8	36.2	54.4





#11
 Allyl Chloride
 Concen: 4.973 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061135.D
 Acq: 16 Oct 2024 11:15

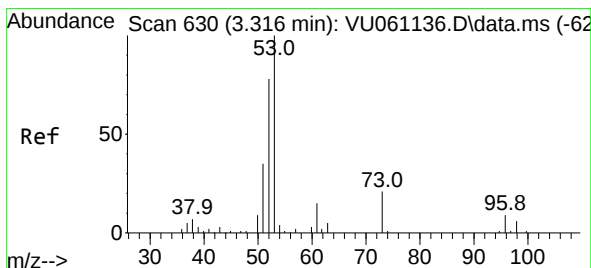
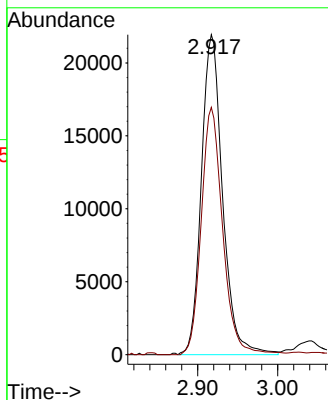
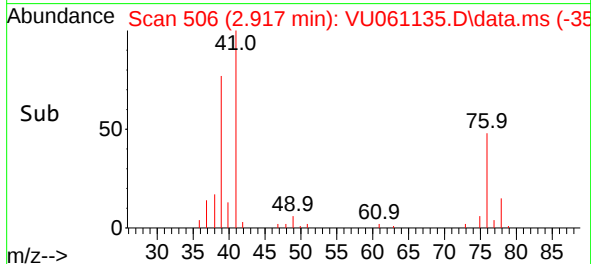
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



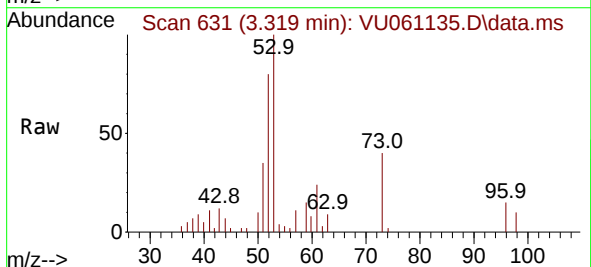
Tgt Ion: 41 Resp: 40562
 Ion Ratio Lower Upper
 41 100
 39 78.0 64.5 96.7

Manual Integrations
 APPROVED

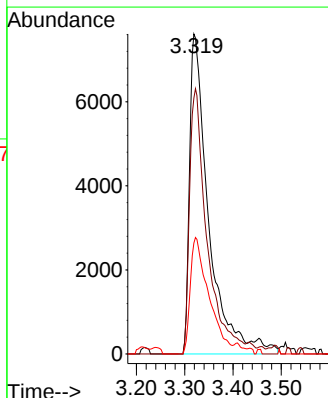
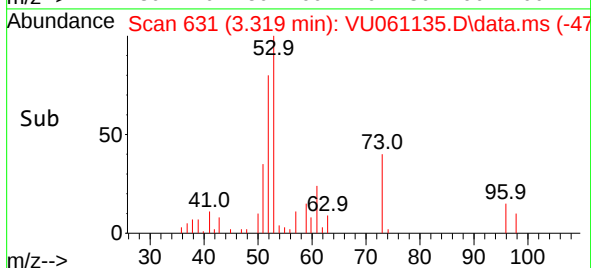
Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

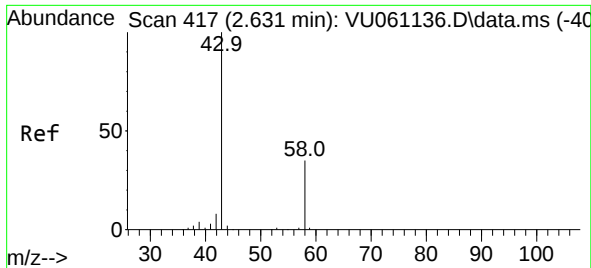


#12
 Acrylonitrile
 Concen: 10.222 ug/l m
 RT: 3.319 min Scan# 631
 Delta R.T. 0.003 min
 Lab File: VU061135.D
 Acq: 16 Oct 2024 11:15



Tgt Ion: 53 Resp: 20979
 Ion Ratio Lower Upper
 53 100
 52 75.2 61.8 92.6
 51 35.3 29.4 44.2





#13

Acetone

Concen: 22.611 ug/l

RT: 2.637 min Scan# 417

Delta R.T. 0.006 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 7158

Ion Ratio Lower Upper

43 100

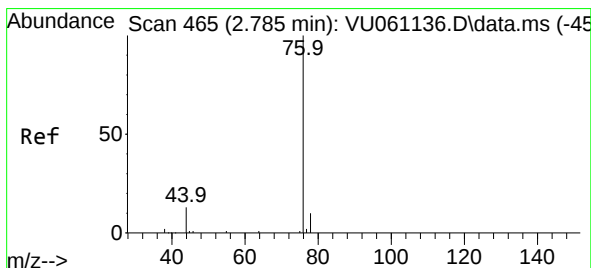
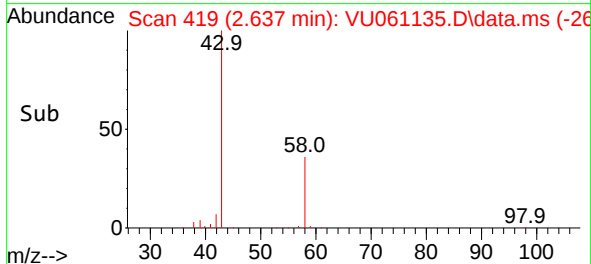
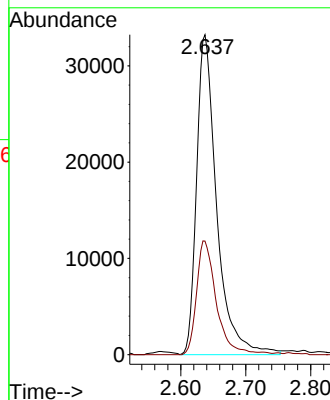
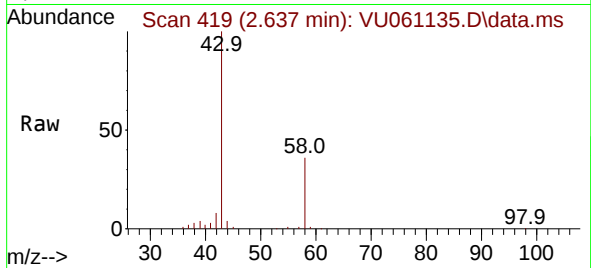
58 35.5 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#14

Carbon Disulfide

Concen: 4.813 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061135.D

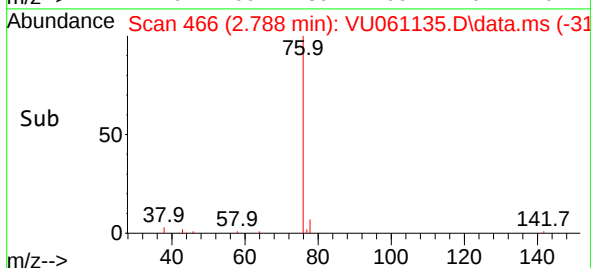
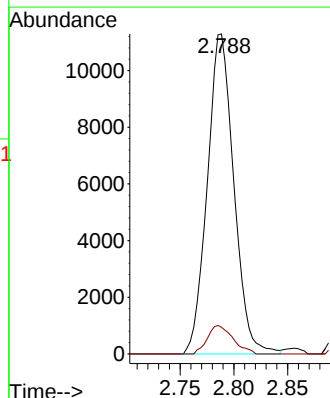
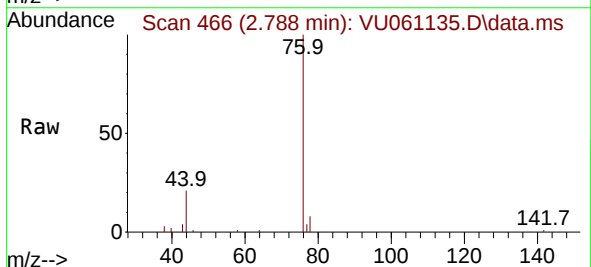
Acq: 16 Oct 2024 11:15

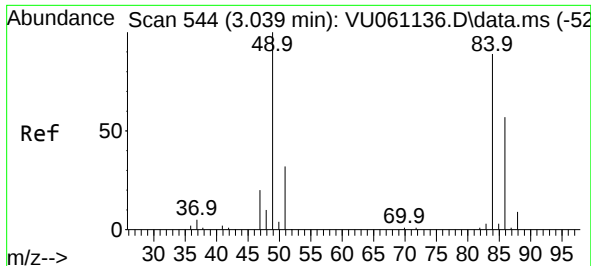
Tgt Ion: 76 Resp: 19404

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6





#15
Methylene Chloride
Concen: 4.822 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

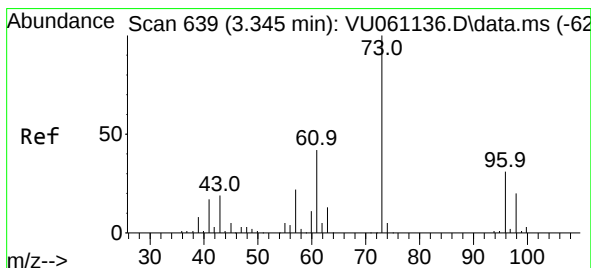
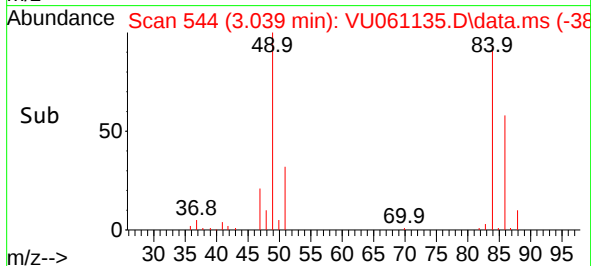
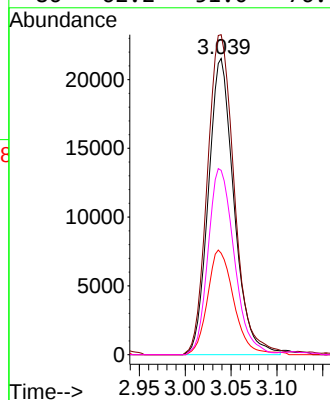
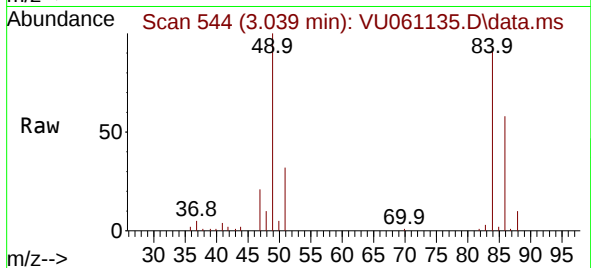
VSTDIC005

Tgt Ion: 84 Resp: 41849
Ion Ratio Lower Upper
84 100
49 108.0 89.9 134.9
51 34.2 0.0 72.0
86 62.2 51.0 76.4

Manual Integrations

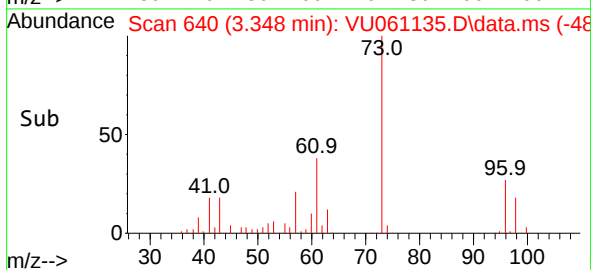
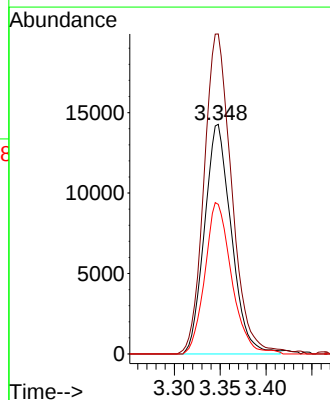
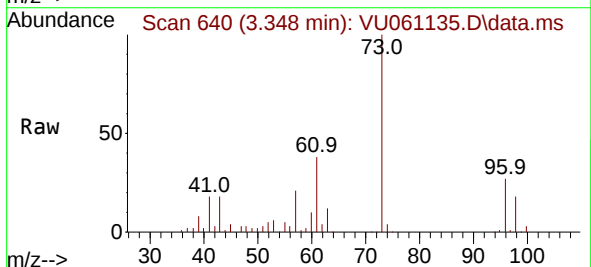
APPROVED

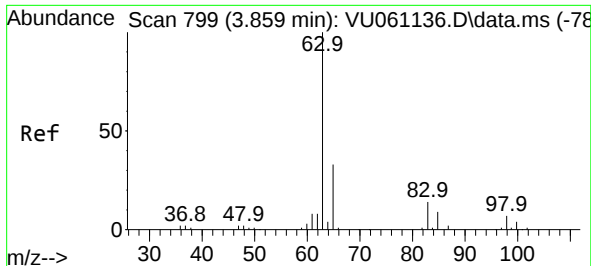
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#16
trans-1,2-Dichloroethene
Concen: 5.089 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 96 Resp: 29025
Ion Ratio Lower Upper
96 100
61 138.7 109.1 163.7
98 65.1 51.8 77.6





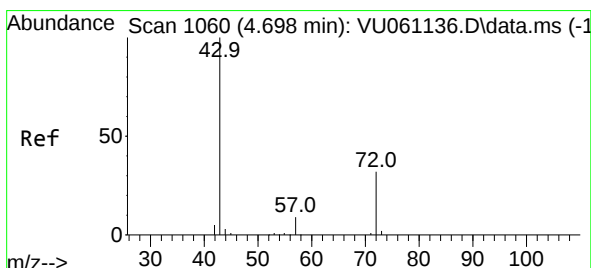
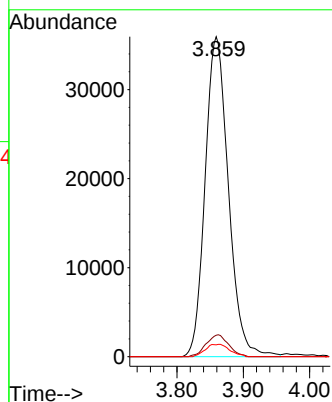
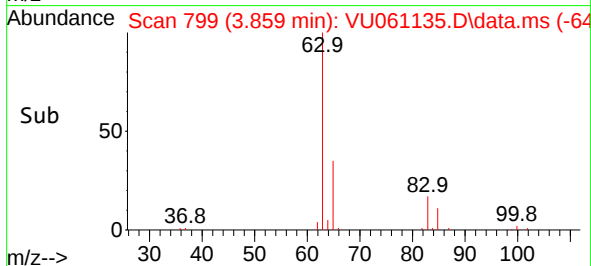
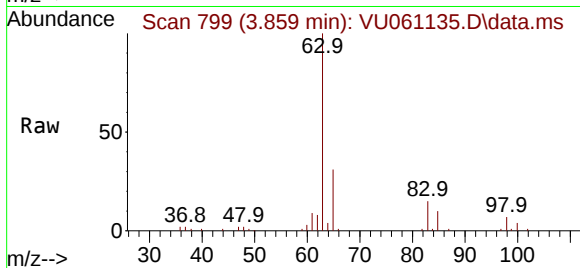
#17
1,1-Dichloroethane
Concen: 5.126 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 87658
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 3.7 2.1 6.5

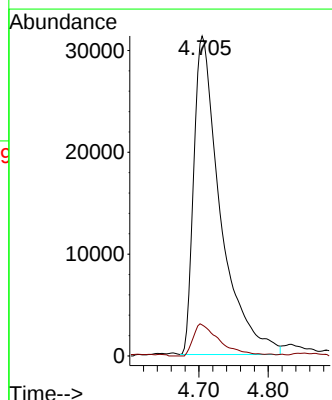
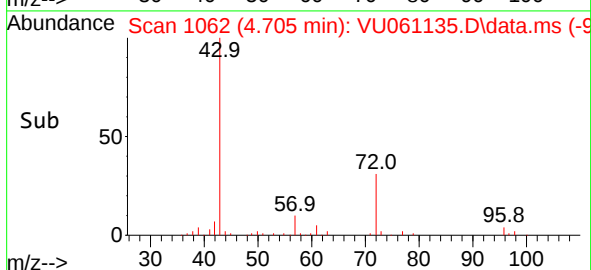
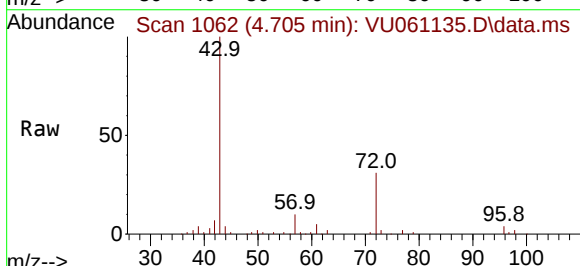
Manual Integrations
APPROVED

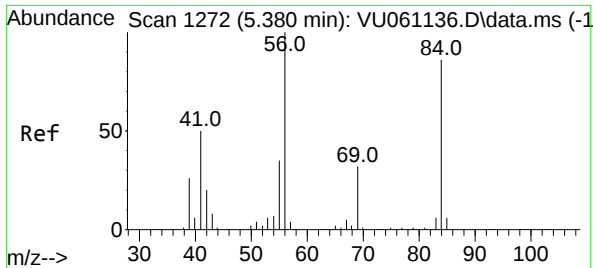
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#18
2-Butanone
Concen: 23.202 ug/l
RT: 4.705 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 43 Resp: 83630
Ion Ratio Lower Upper
43 100
57 9.7 0.0 19.0





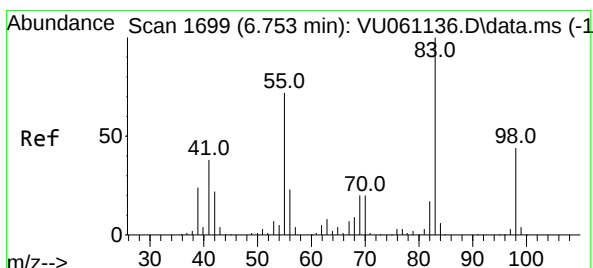
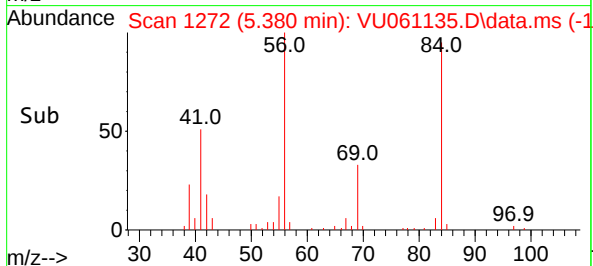
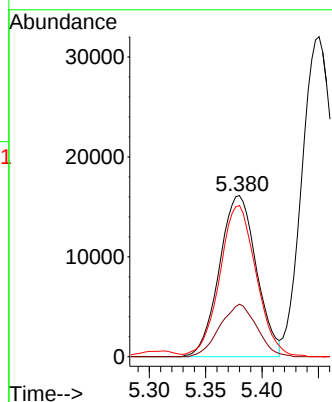
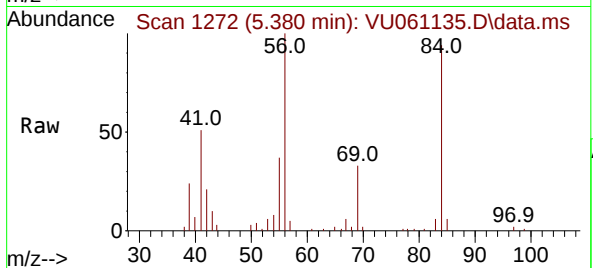
#19
Cyclohexane
Concen: 5.135 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 3689
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.8
84 90.4 70.4 105.6

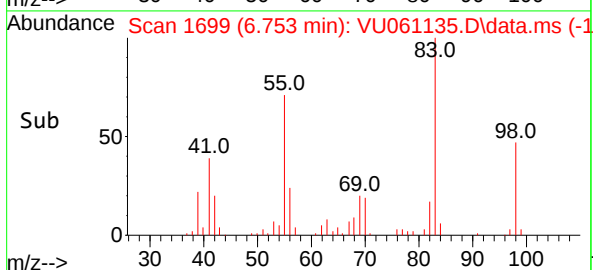
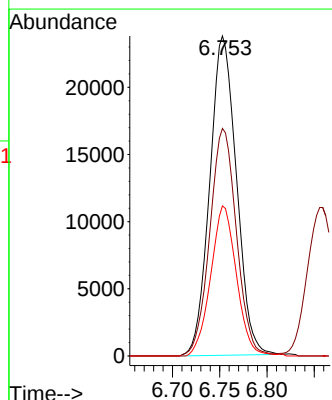
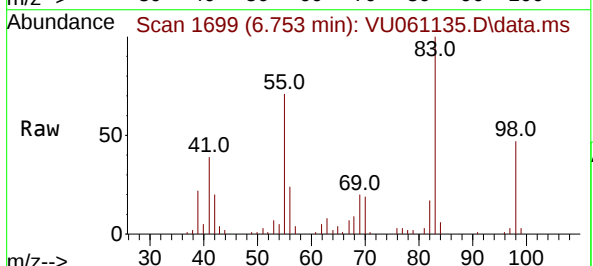
Manual Integrations
APPROVED

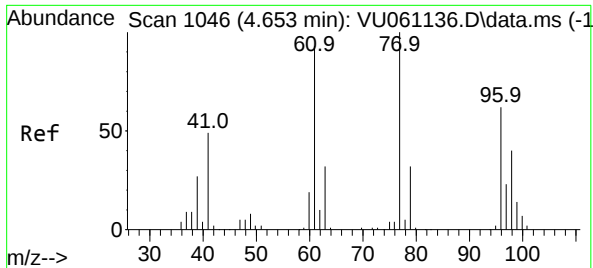
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#20
Methylcyclohexane
Concen: 5.101 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 83 Resp: 46645
Ion Ratio Lower Upper
83 100
55 70.3 56.7 85.1
98 45.5 36.9 55.3





#21
2,2-Dichloropropane
Concen: 5.085 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

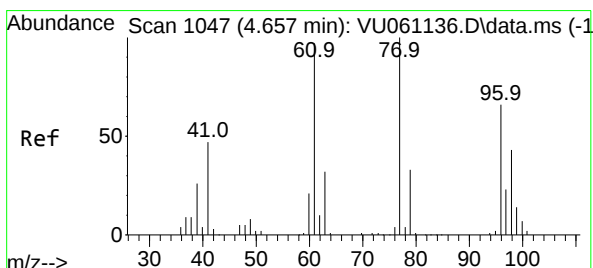
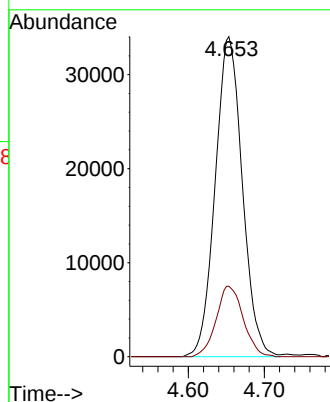
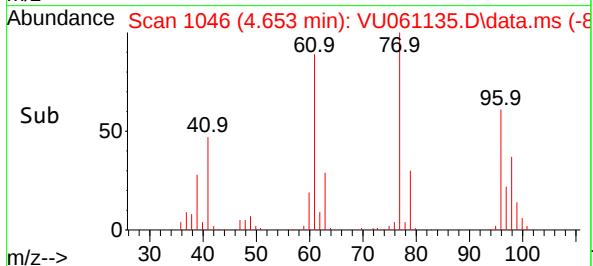
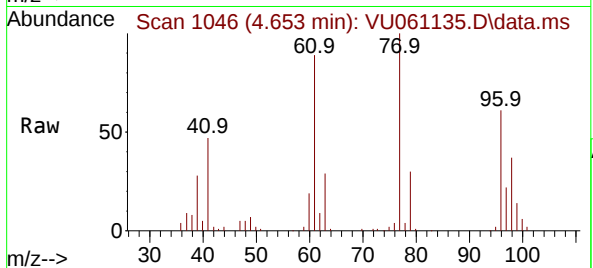
VSTDIC005

Tgt Ion: 77 Resp: 84284
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.6

Manual Integrations

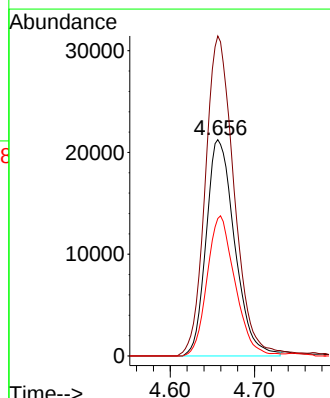
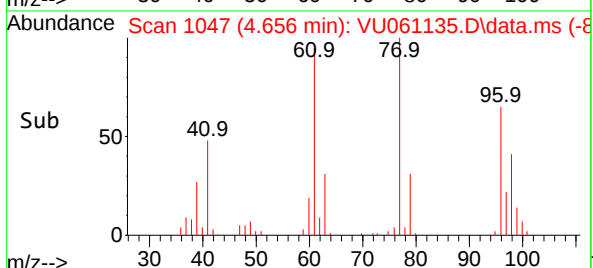
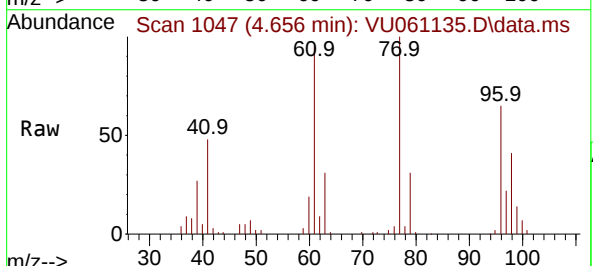
APPROVED

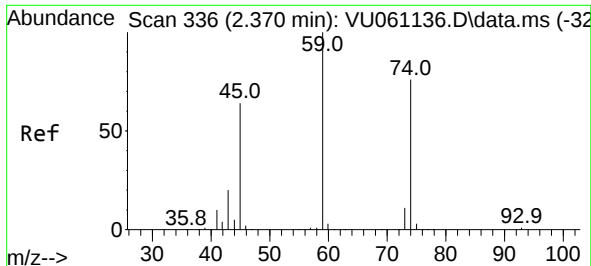
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#22
cis-1,2-Dichloroethene
Concen: 5.180 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 96 Resp: 50009
Ion Ratio Lower Upper
96 100
61 150.1 0.0 377.8
98 63.1 32.5 97.5





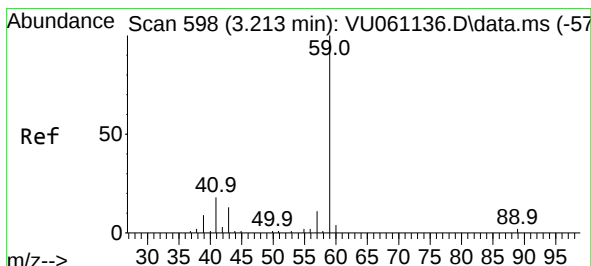
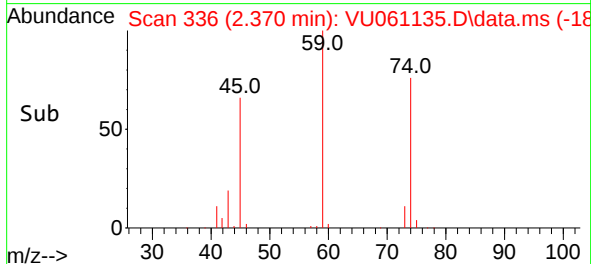
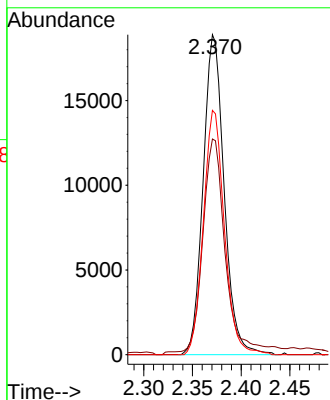
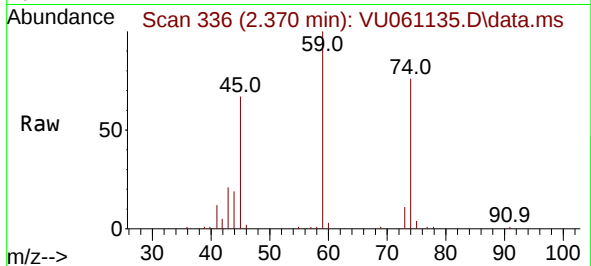
#23
Diethyl Ether
Concen: 5.118 ug/l
RT: 2.370 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 2829
Ion Ratio Lower Upper
59 100
45 74.5 58.9 88.3
74 76.5 61.4 92.2

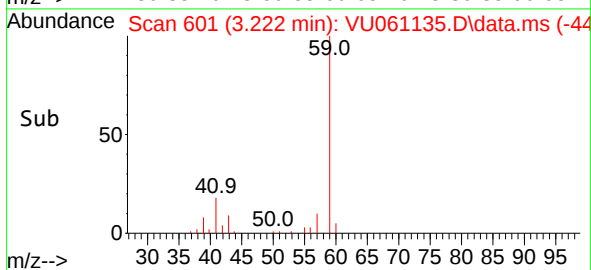
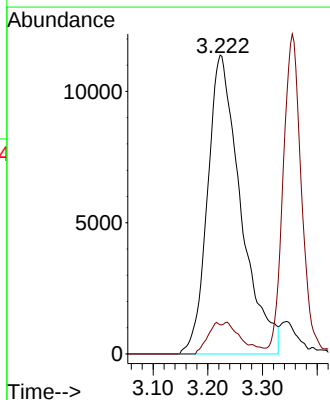
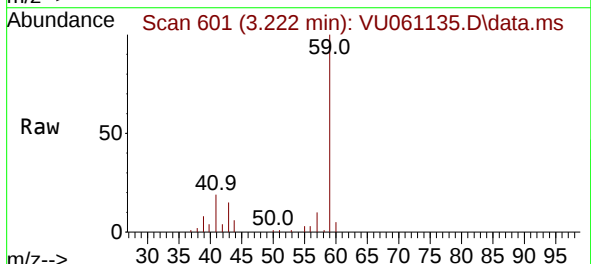
Manual Integrations
APPROVED

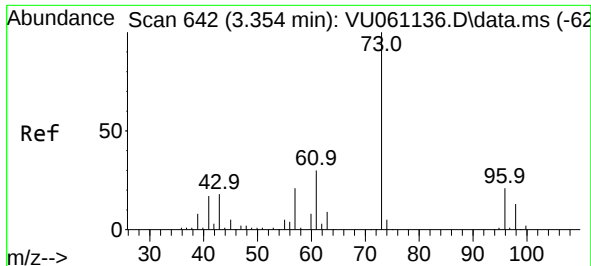
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#24
tert-Butyl Alcohol
Concen: 51.573 ug/l
RT: 3.222 min Scan# 601
Delta R.T. 0.010 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 59 Resp: 47880
Ion Ratio Lower Upper
59 100
57 4.5 8.0 12.0#





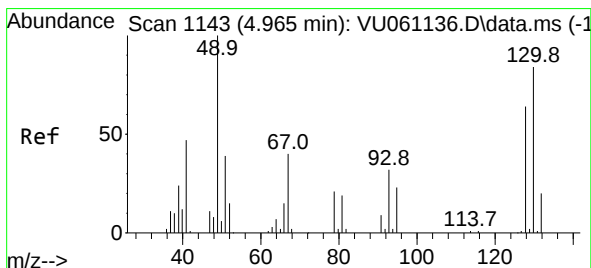
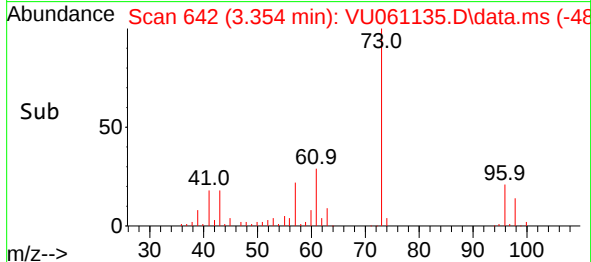
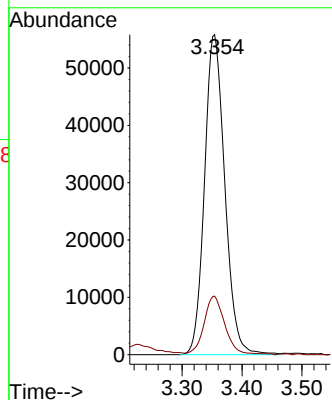
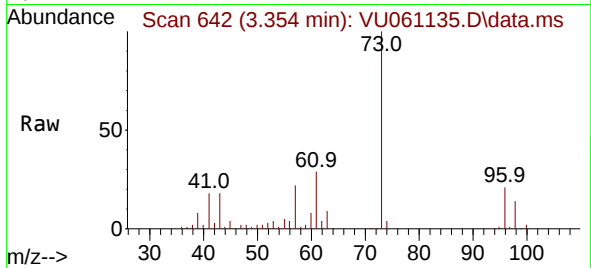
#25
Methyl tert-Butyl Ether
Concen: 5.178 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 131570
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2

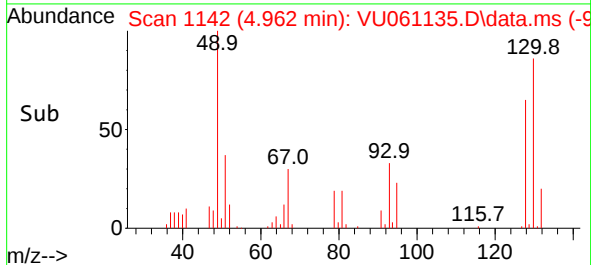
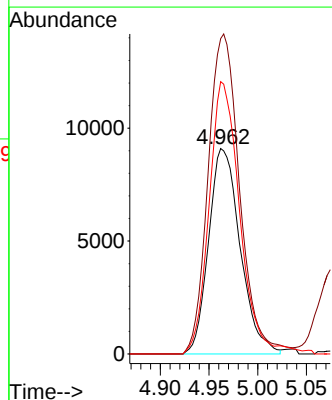
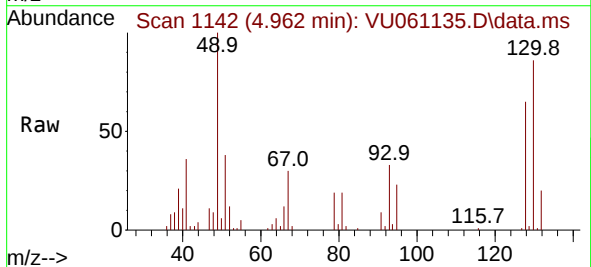
Manual Integrations
APPROVED

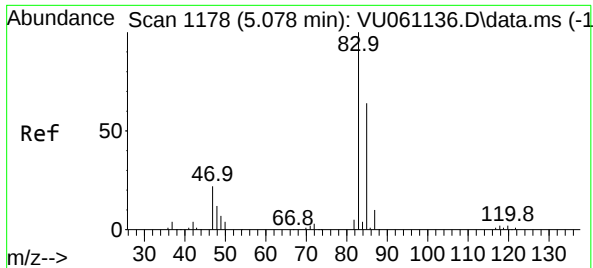
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#26
Bromochloromethane
Concen: 5.095 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:128 Resp: 20495
Ion Ratio Lower Upper
128 100
49 155.8 0.0 307.0
130 129.1 104.7 157.1





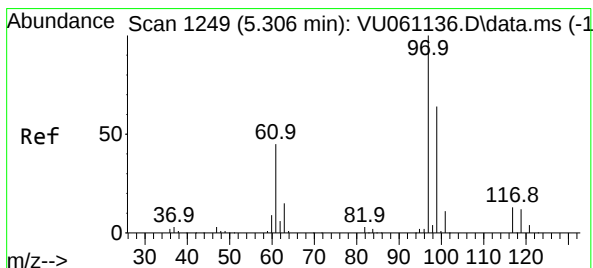
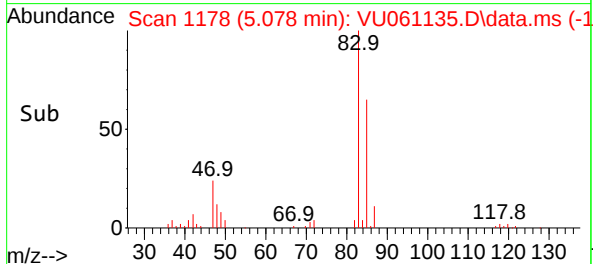
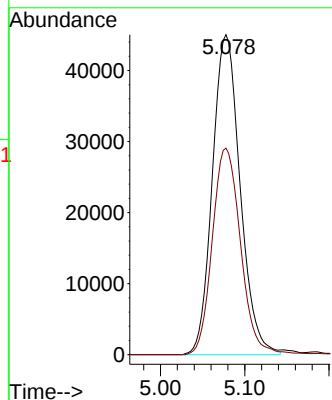
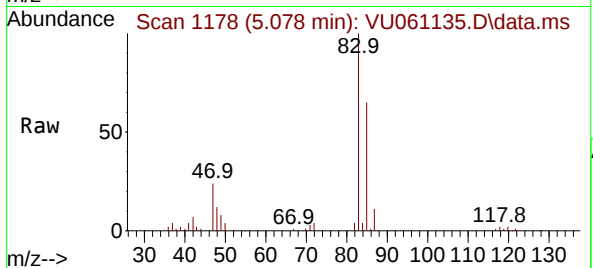
#27
Chloroform
Concen: 5.009 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 103000
Ion Ratio Lower Upper
83 100
85 64.6 0.0 128.2

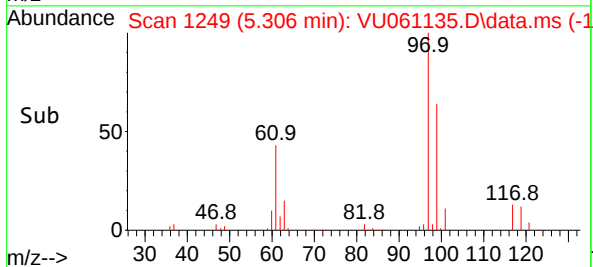
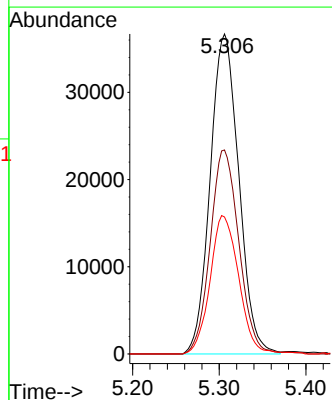
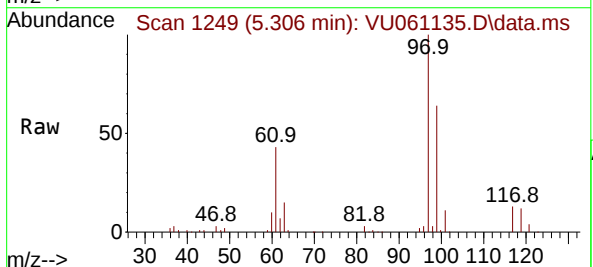
Manual Integrations
APPROVED

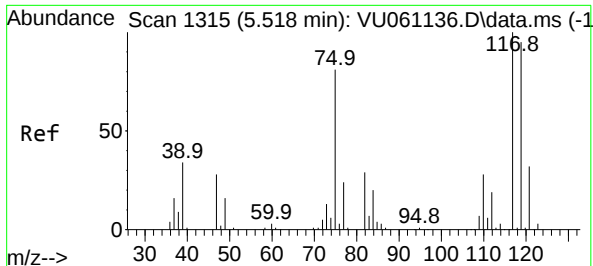
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#28
1,1,1-Trichloroethane
Concen: 5.184 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 97 Resp: 84360
Ion Ratio Lower Upper
97 100
99 63.7 32.6 97.7
61 43.5 22.3 66.8





#29
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 5.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

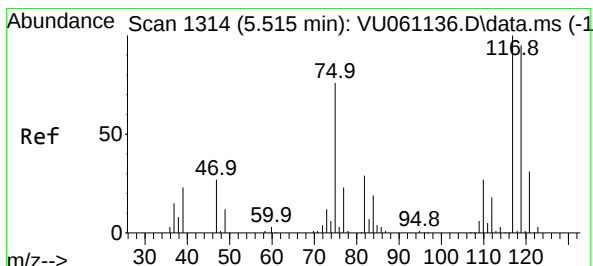
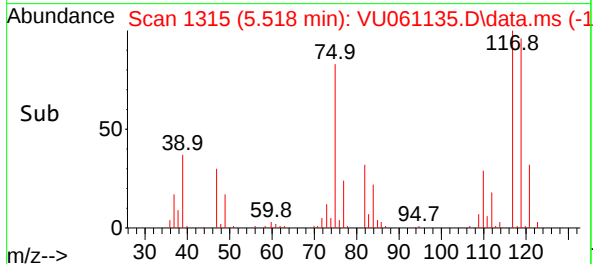
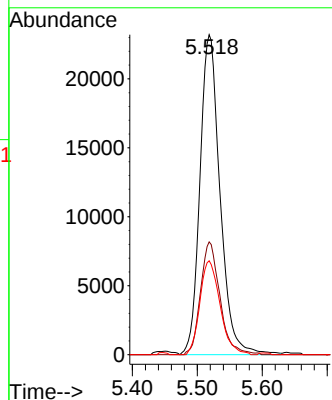
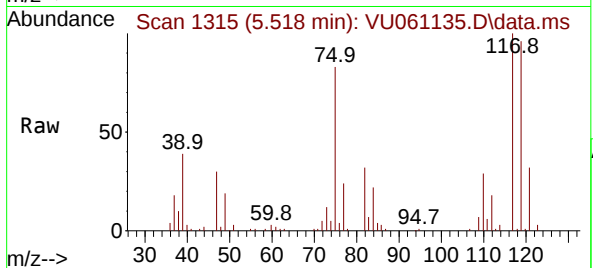
VSTDICC005

Tgt Ion: 75 Resp: 5006
Ion Ratio Lower Upper
75 100
110 34.0 18.1 54.3
77 29.4 24.0 36.0

Manual Integrations

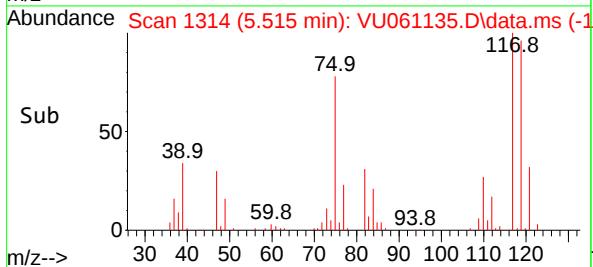
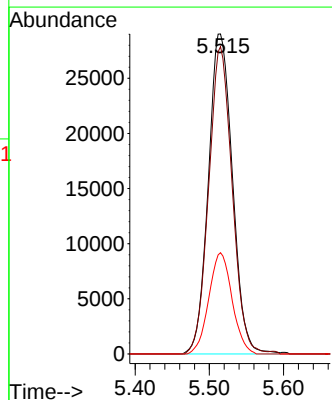
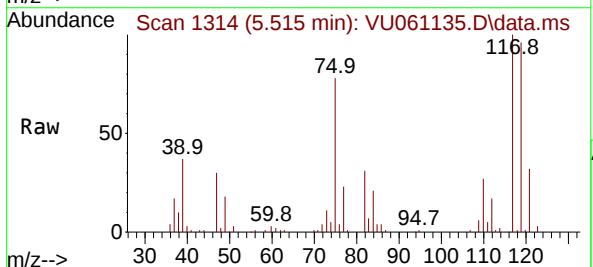
APPROVED

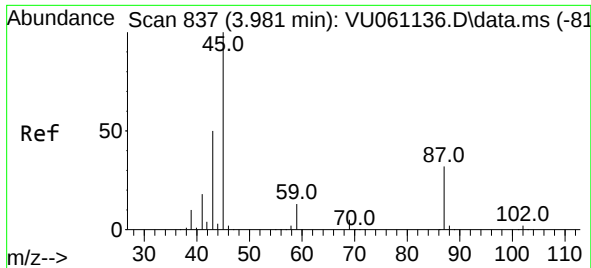
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#30
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:117 Resp: 65341
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
121 31.7 24.8 37.2





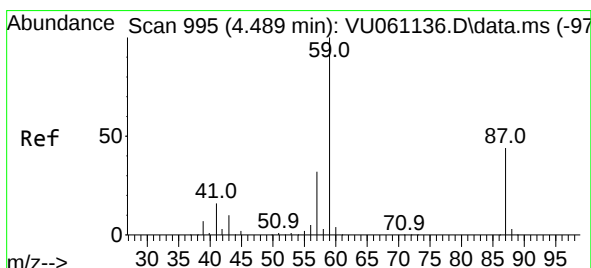
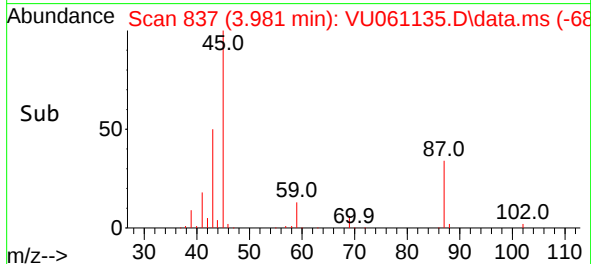
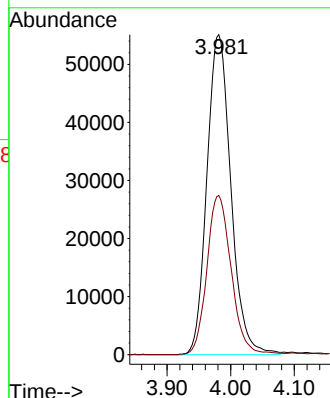
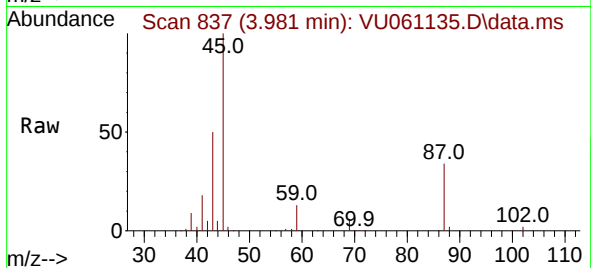
#31
Isopropyl Ether
Concen: 5.171 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 45 Resp: 144462
Ion Ratio Lower Upper
45 100
43 50.6 25.1 75.2

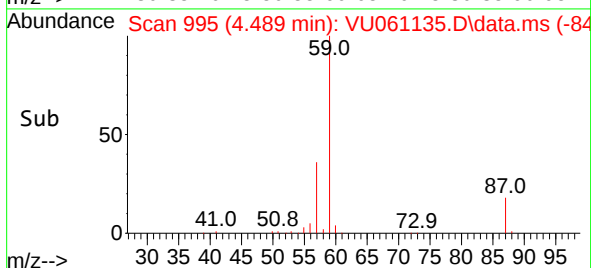
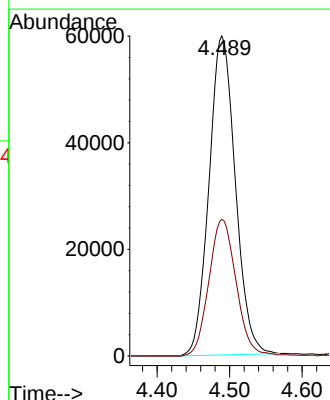
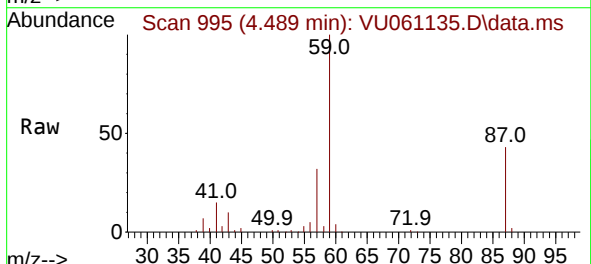
Manual Integrations
APPROVED

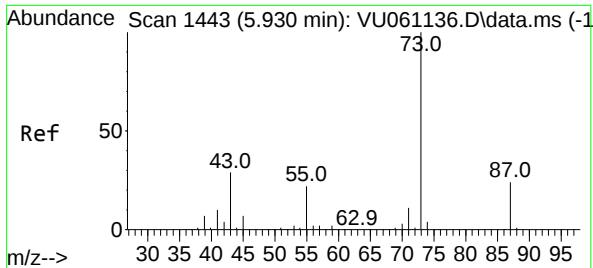
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#32
Ethyl-t-butyl ether
Concen: 5.112 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 59 Resp: 151095
Ion Ratio Lower Upper
59 100
87 43.7 34.6 52.0





#33
Tert-Amyl methyl ether
Concen: 5.049 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

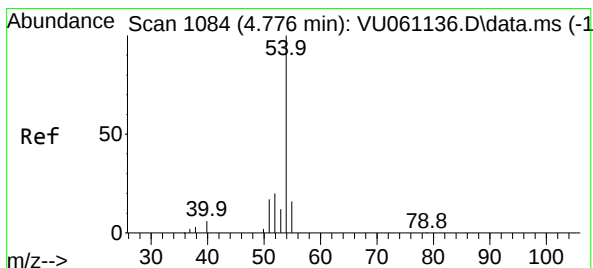
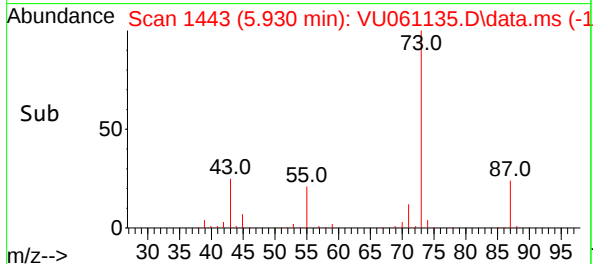
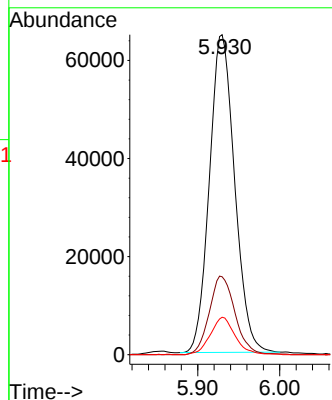
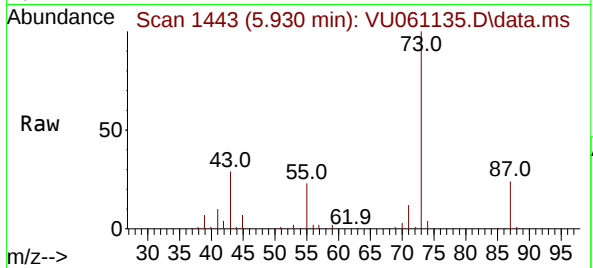
VSTDICC005

Tgt Ion: 73 Resp: 13870
Ion Ratio Lower Upper
73 100
87 25.2 19.6 29.4
71 11.7 8.9 13.3

Manual Integrations

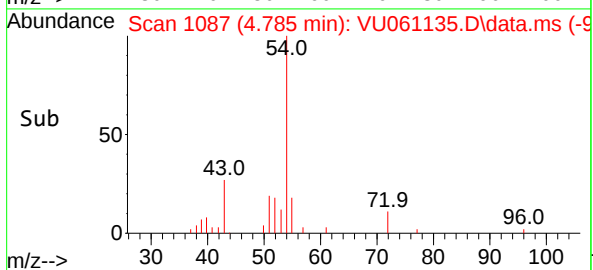
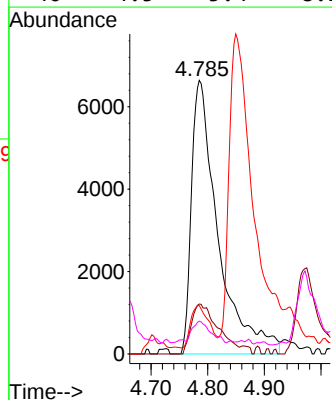
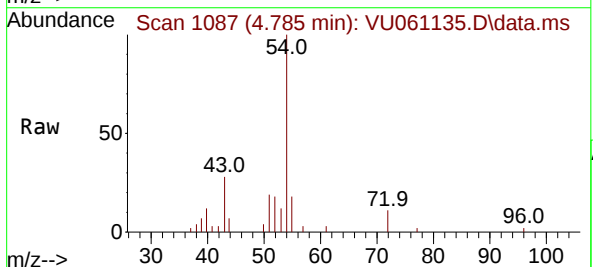
APPROVED

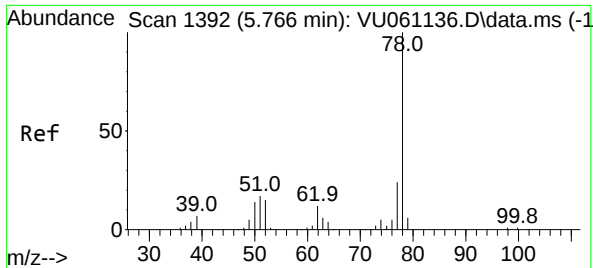
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#34
Propionitrile
Concen: 25.876 ug/l m
RT: 4.785 min Scan# 1087
Delta R.T. 0.010 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 54 Resp: 21704
Ion Ratio Lower Upper
54 100
52 18.1 15.0 22.4
55 10.6 10.5 15.7
40 4.5 5.4 8.2#





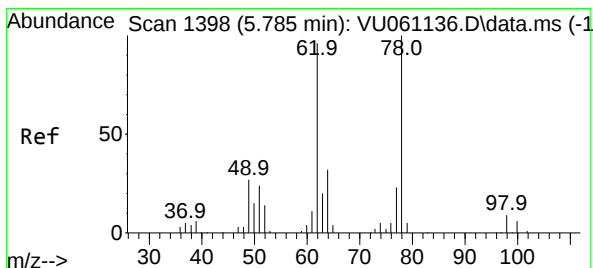
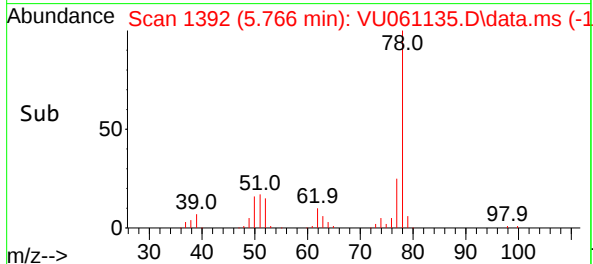
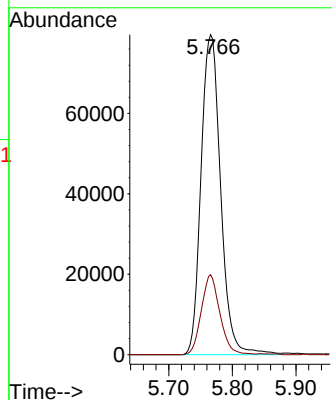
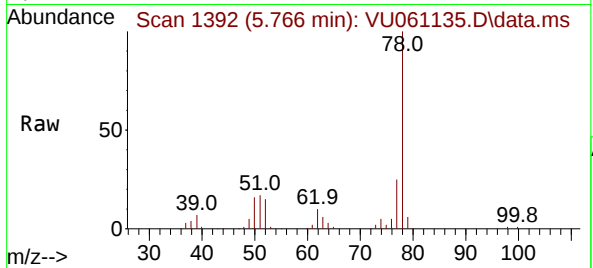
#35
Benzene
Concen: 5.141 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 17022
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7

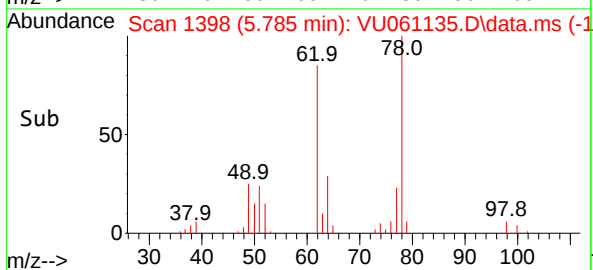
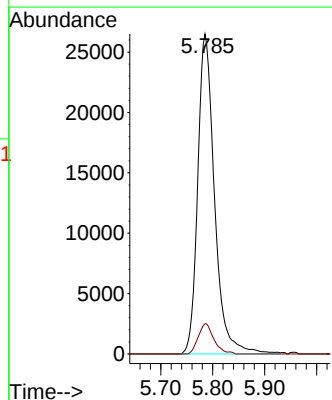
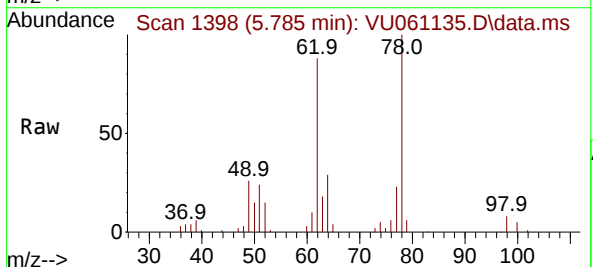
Manual Integrations
APPROVED

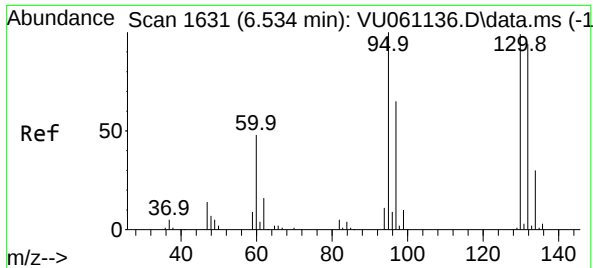
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#36
1,2-Dichloroethane
Concen: 5.220 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 62 Resp: 59582
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#37
Trichloroethene
Concen: 5.151 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

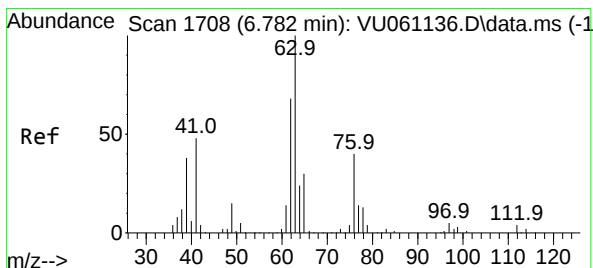
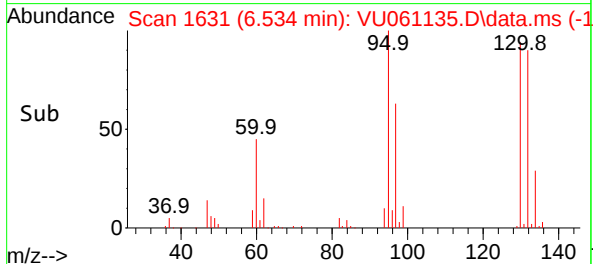
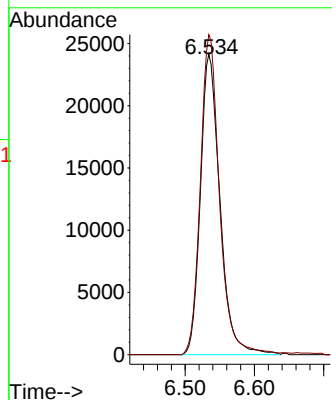
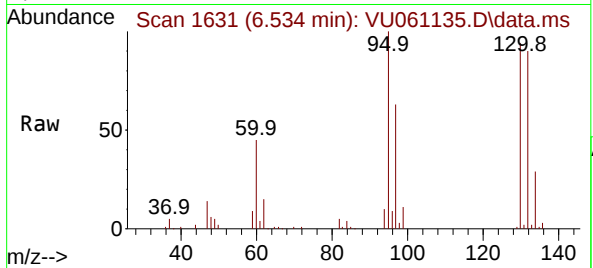
VSTDIC005

Tgt Ion:130 Resp: 4725
Ion Ratio Lower Upper
130 100
95 106.4 80.7 121.1

Manual Integrations

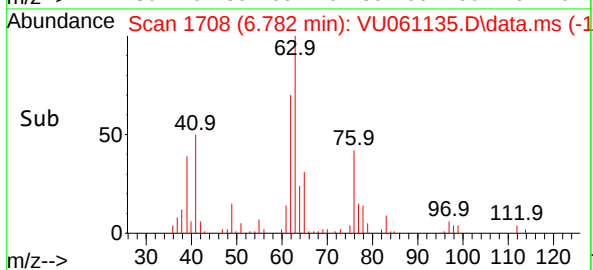
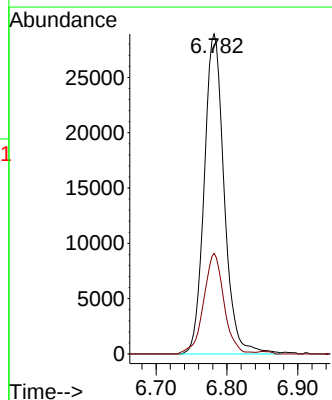
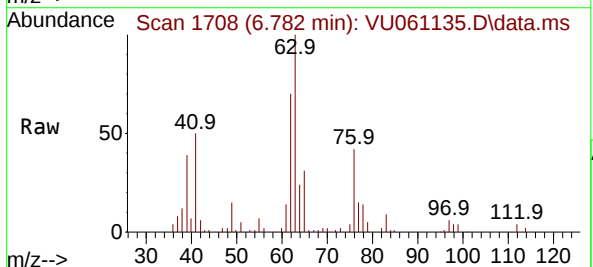
APPROVED

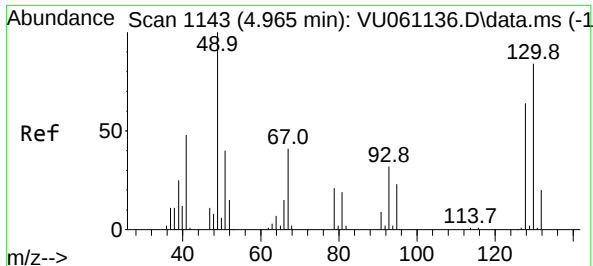
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#38
1,2-Dichloropropane
Concen: 5.149 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 63 Resp: 56642
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5





#39

Methacrylonitrile

Concen: 5.235 ug/l

RT: 4.968 min Scan# 1143

Delta R.T. 0.003 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 14890

Ion Ratio Lower Upper

41 100

67 96.5 75.5 113.3

39 61.4 45.8 68.6

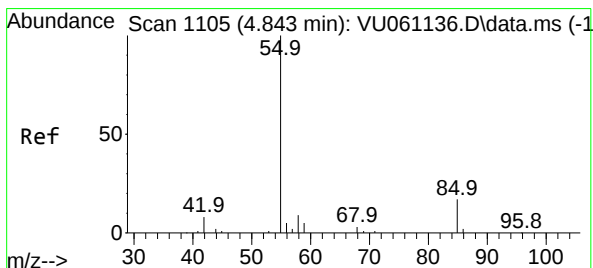
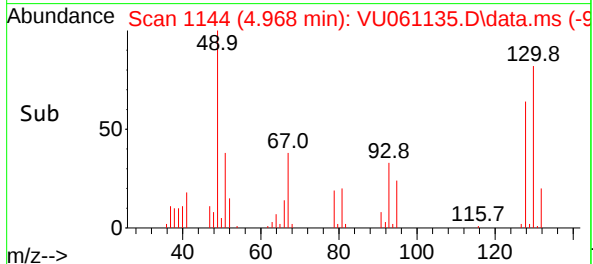
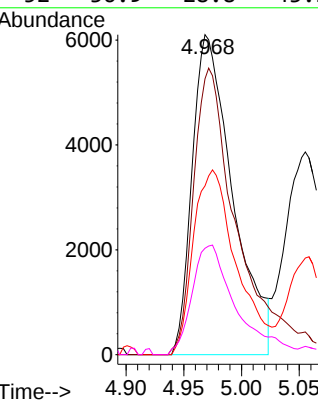
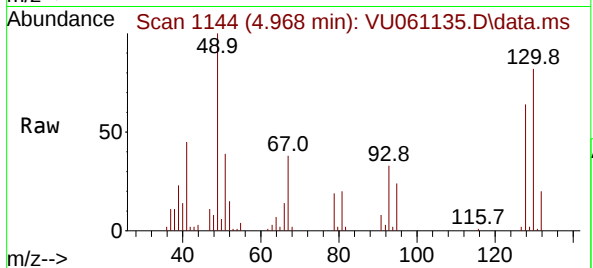
52 36.9 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#40

Methyl acrylate

Concen: 5.450 ug/l m

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Tgt Ion: 55 Resp: 26111

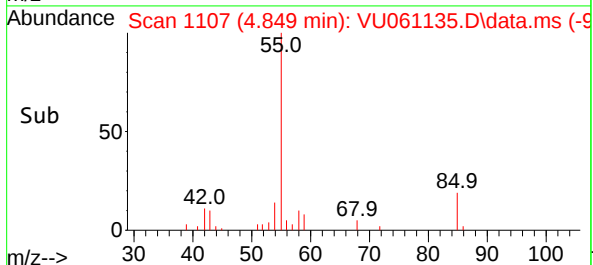
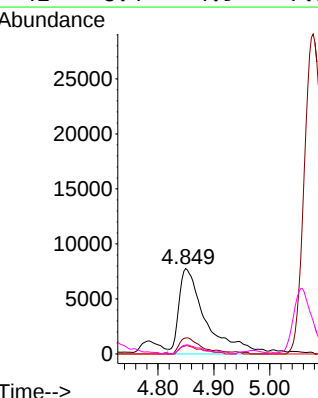
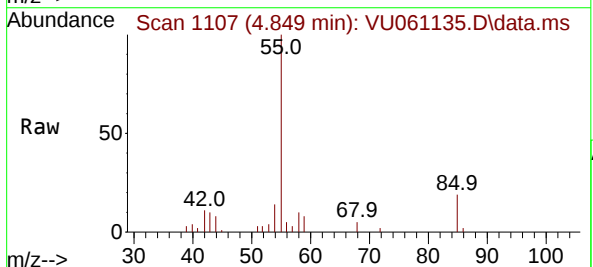
Ion Ratio Lower Upper

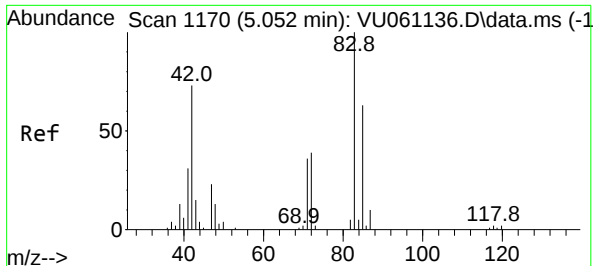
55 100

85 13.9 13.8 20.6

58 7.9 6.2 9.4

42 8.4 4.9 7.3#





#41

Tetrahydrofuran

Concen: 10.341 ug/l m

RT: 5.058 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

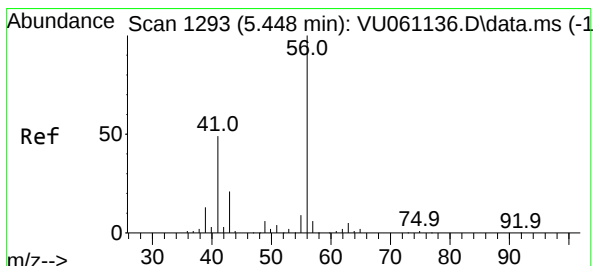
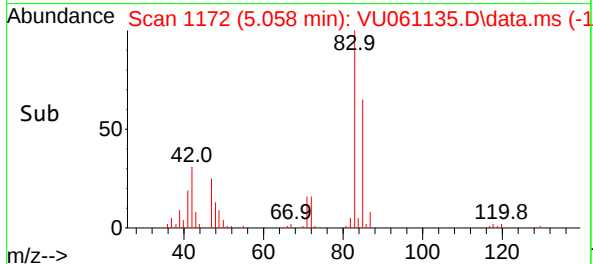
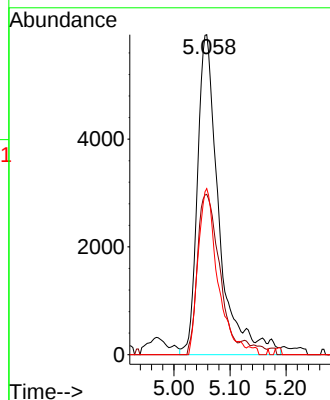
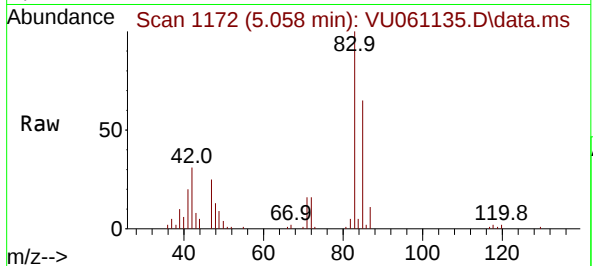
Tgt Ion: 42 Resp: 15850

Ion	Ratio	Lower	Upper
42	100		
72	50.5	46.4	69.6
71	47.1	41.4	62.0

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 5.069 ug/l

RT: 5.451 min Scan# 1294

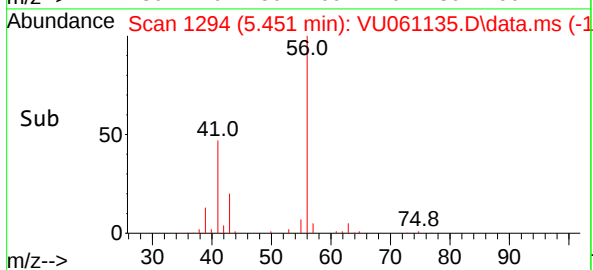
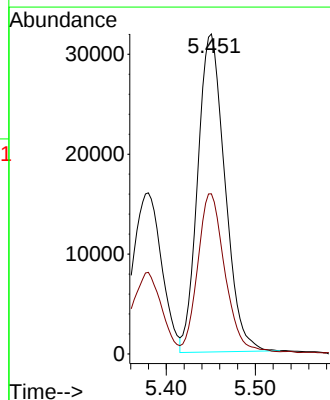
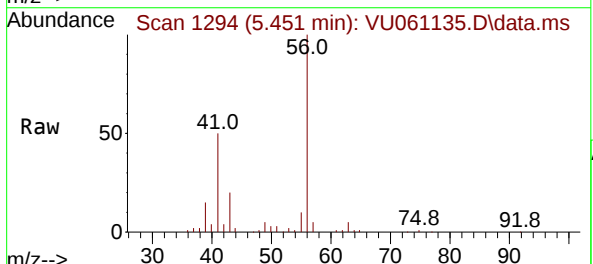
Delta R.T. 0.003 min

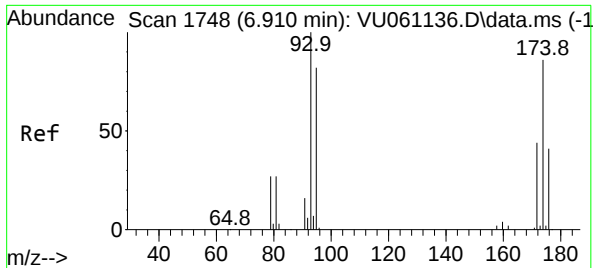
Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Tgt Ion: 56 Resp: 67497

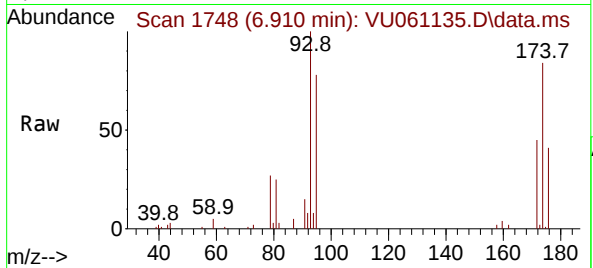
Ion	Ratio	Lower	Upper
56	100		
41	49.4	24.6	73.6





#43
Dibromomethane
Concen: 5.197 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

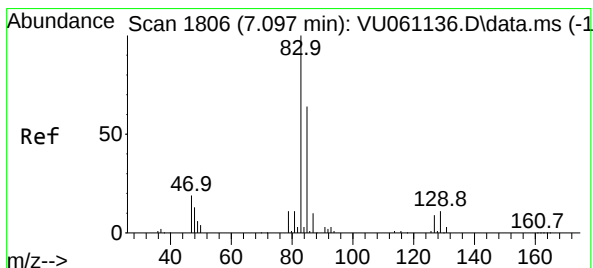
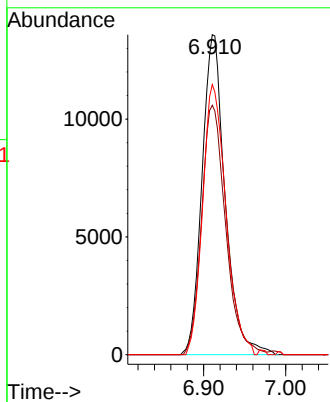
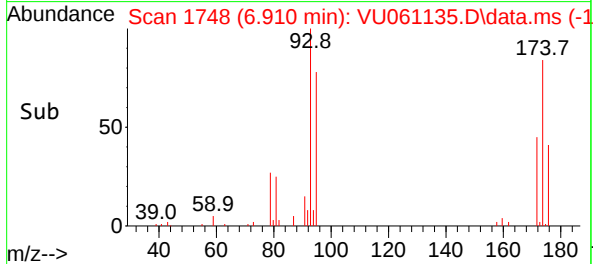
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 93 Resp: 2661
Ion Ratio Lower Upper
93 100
95 81.1 66.4 99.6
174 85.2 68.4 102.6

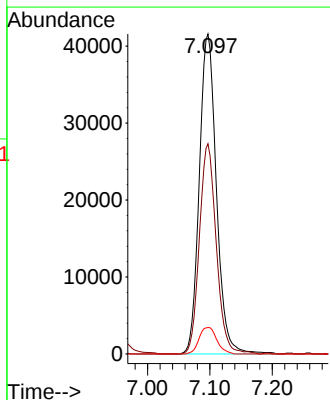
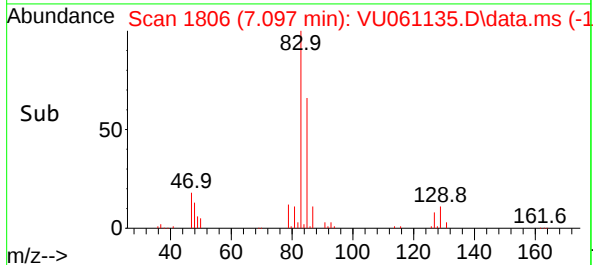
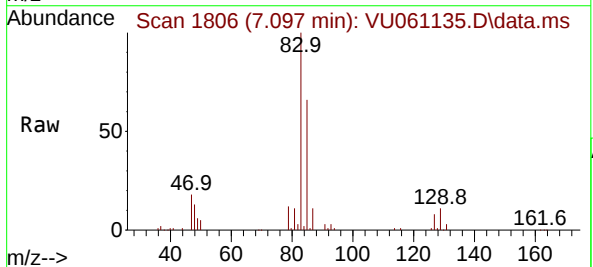
Manual Integrations
APPROVED

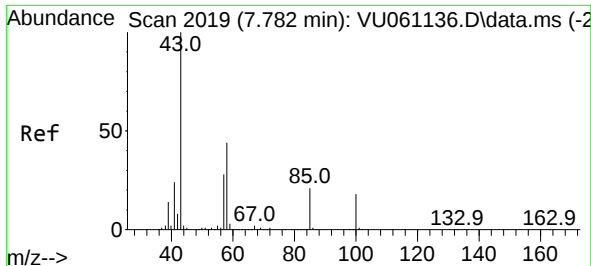
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#44
Bromodichloromethane
Concen: 5.116 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 83 Resp: 79447
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 8.2 7.0 10.6





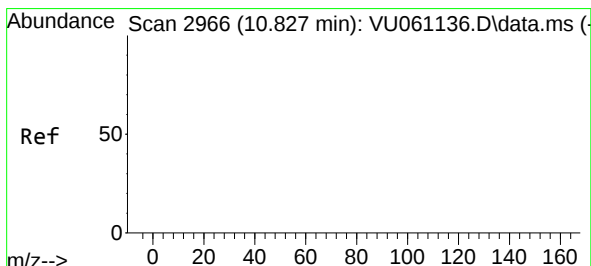
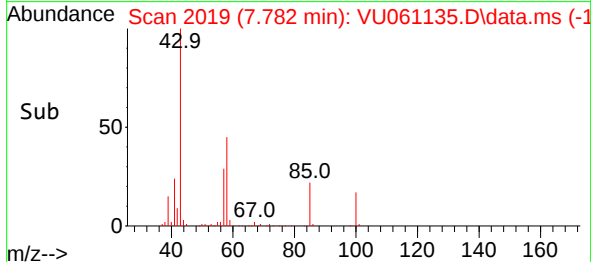
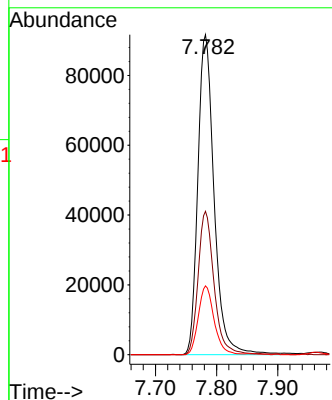
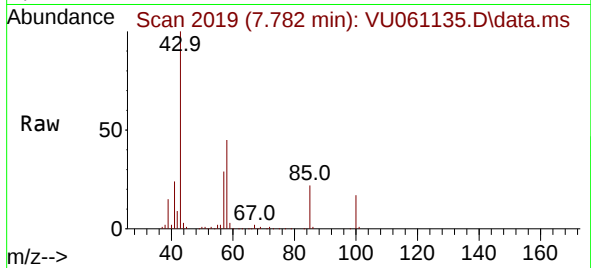
#45
4-Methyl-2-Pentanone
Concen: 25.237 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 16941
Ion Ratio Lower Upper
43 100
58 43.8 22.1 66.3
85 20.9 16.8 25.2

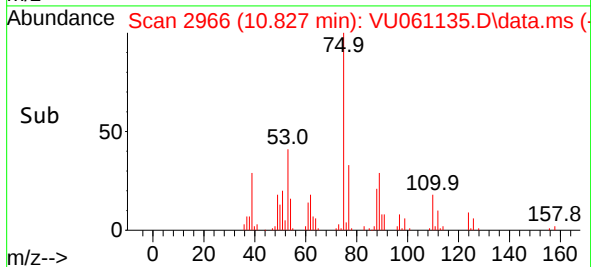
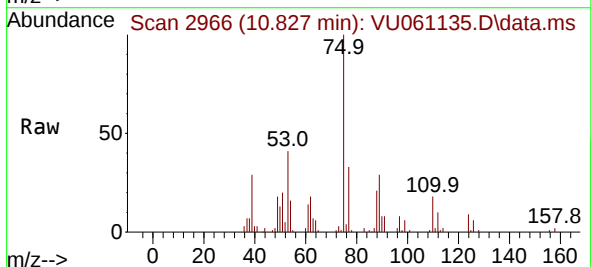
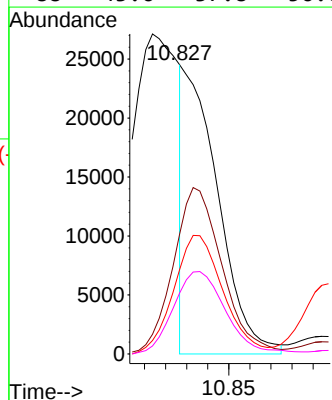
Manual Integrations
APPROVED

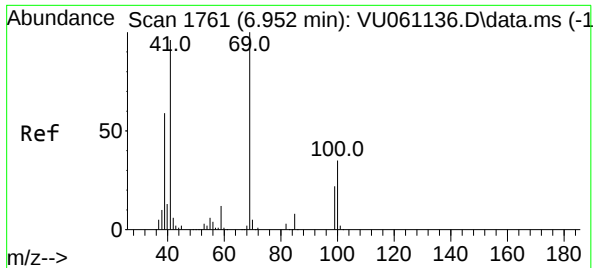
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#46
t-1,4-Dichloro-2-butene
Concen: 9.602 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 75 Resp: 27573
Ion Ratio Lower Upper
75 100
53 82.5 66.6 100.0
89 59.3 48.4 72.6
88 43.6 37.8 56.6





#47

Methyl methacrylate

Concen: 10.449 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 69 Resp: 54700

Ion Ratio Lower Upper

69 100

41 100.7 0.0 193.8

39 59.4 47.4 71.2

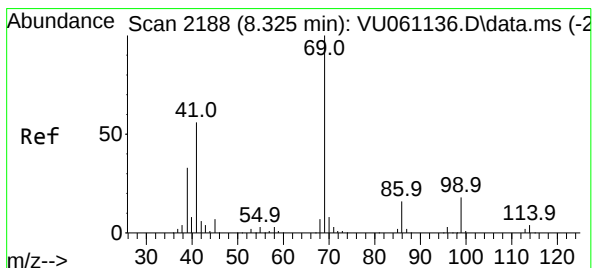
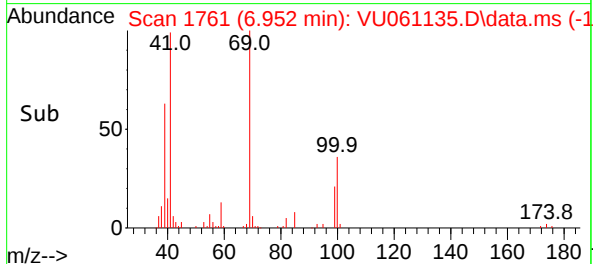
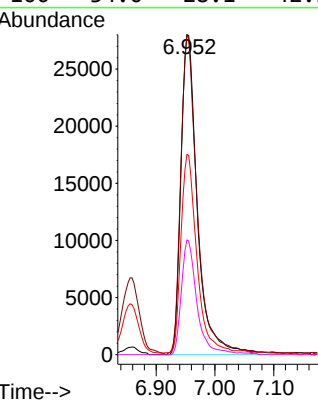
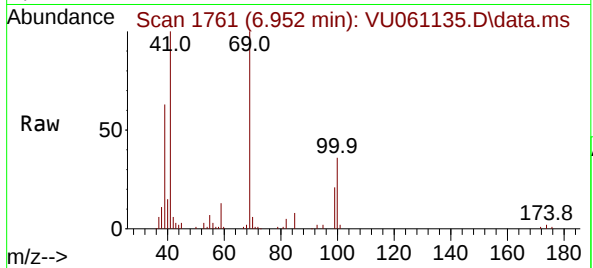
100 34.0 28.1 42.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#48

Ethyl methacrylate

Concen: 5.256 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VU061135.D

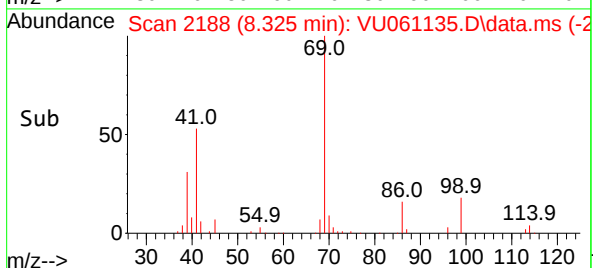
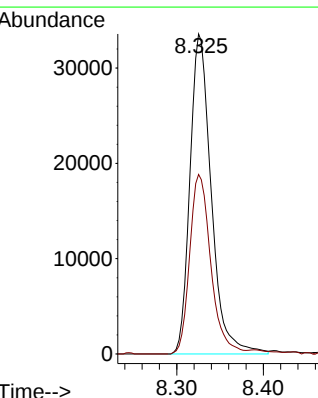
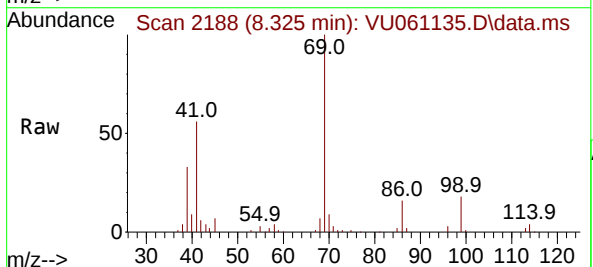
Acq: 16 Oct 2024 11:15

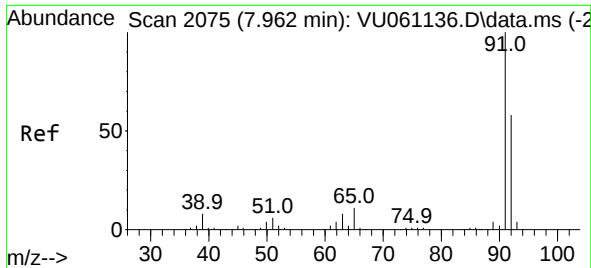
Tgt Ion: 69 Resp: 57401

Ion Ratio Lower Upper

69 100

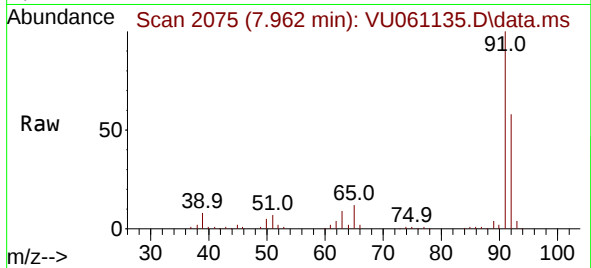
41 55.5 27.6 82.8





#49
Toluene
Concen: 5.111 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

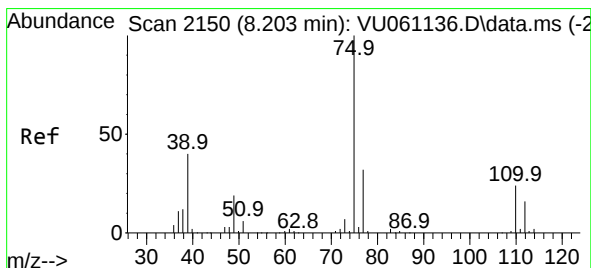
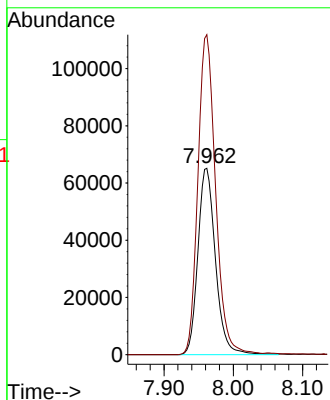
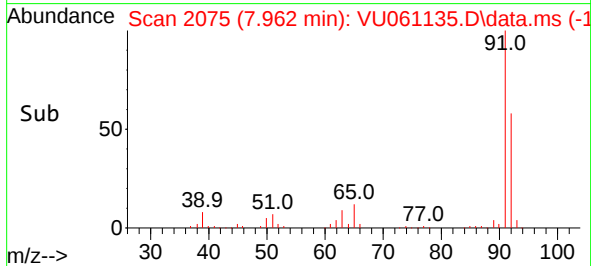
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



Tgt Ion: 92 Resp: 114980
Ion Ratio Lower Upper
92 100
91 172.7 138.7 208.1

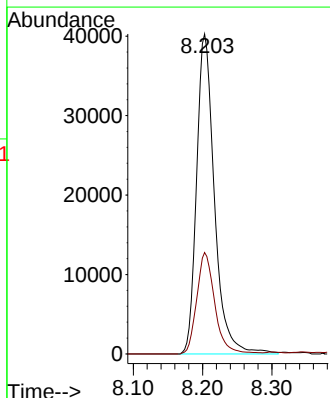
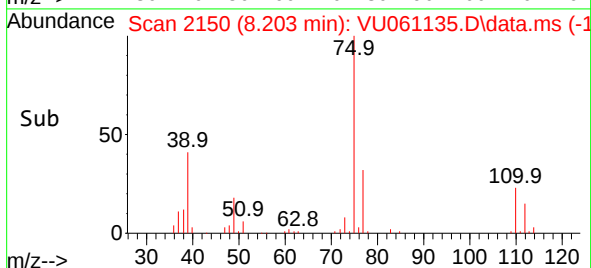
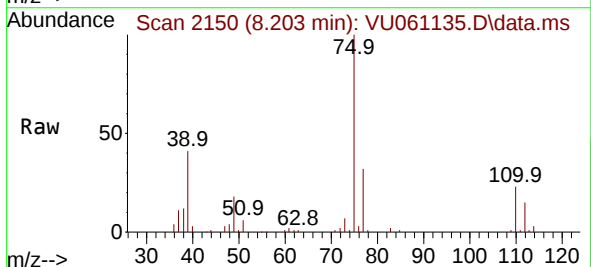
Manual Integrations
APPROVED

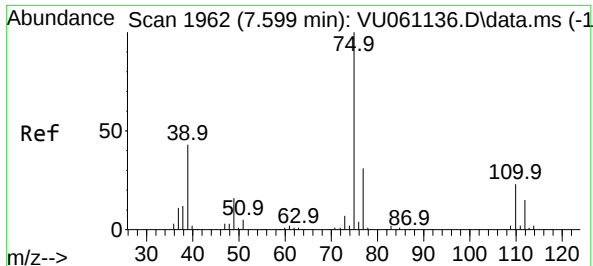
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#50
t-1,3-Dichloropropene
Concen: 5.279 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 75 Resp: 72166
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





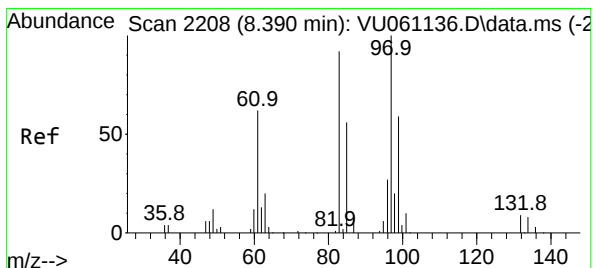
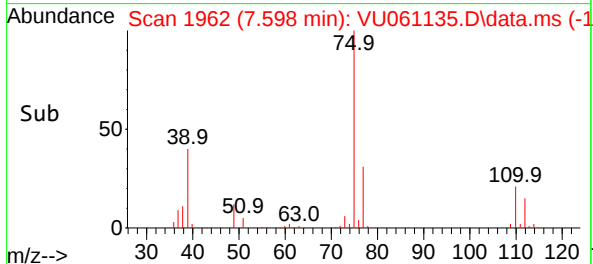
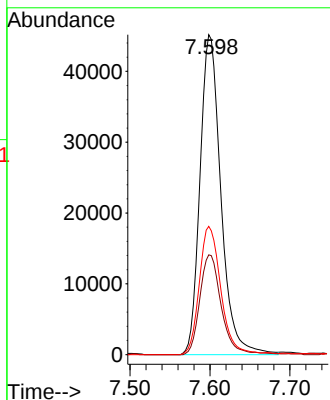
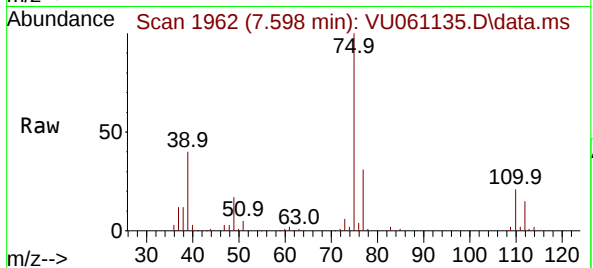
#51
cis-1,3-Dichloropropene
Concen: 5.172 ug/l
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 8231
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 40.1 34.5 51.7

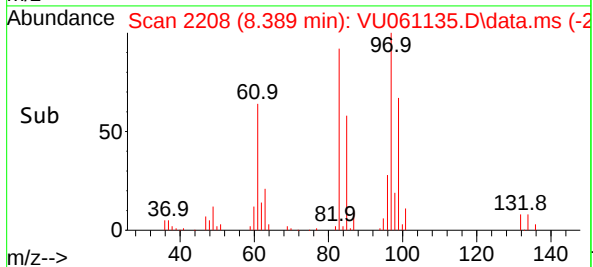
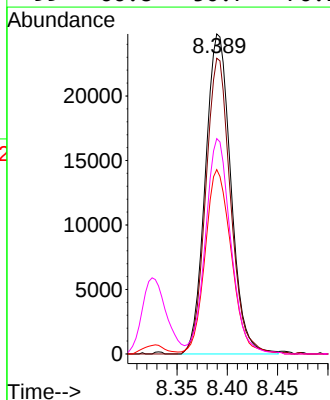
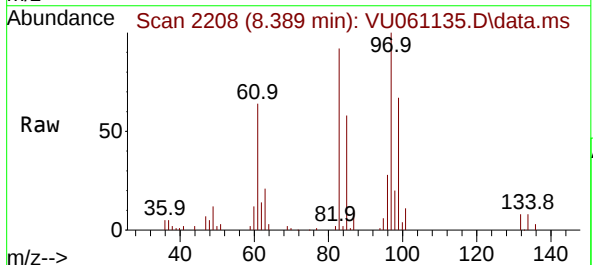
Manual Integrations
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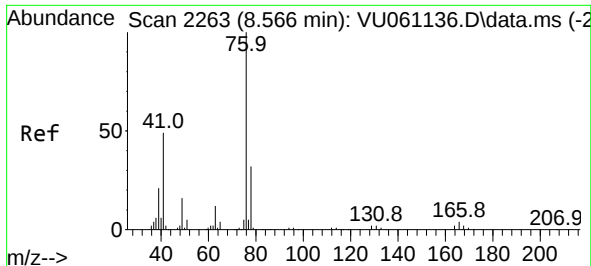
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#52
1,1,2-Trichloroethane
Concen: 5.050 ug/l
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 97 Resp: 43808
Ion Ratio Lower Upper
97 100
83 92.4 73.6 110.4
85 57.1 45.3 67.9
99 66.8 50.7 76.1





#53

1,3-Dichloropropane

Concen: 5.174 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 72690

Ion Ratio Lower Upper

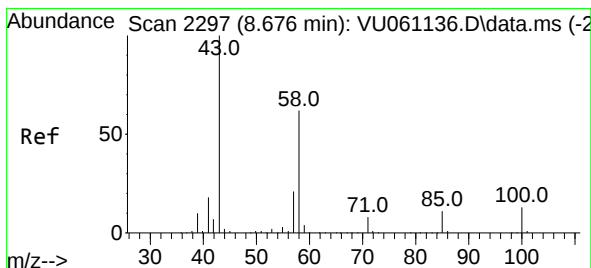
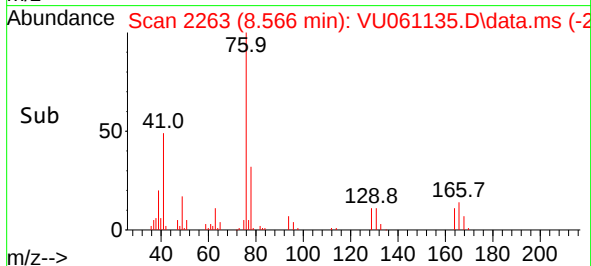
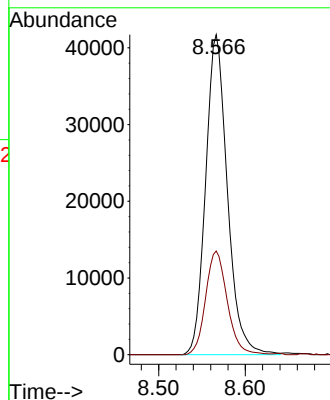
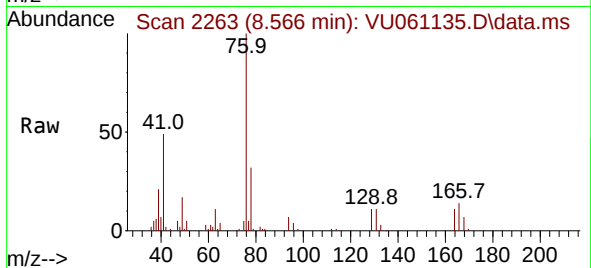
76 100

78 32.2 25.9 38.9

Manual Integrations

APPROVED

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



#54

2-Hexanone

Concen: 23.782 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

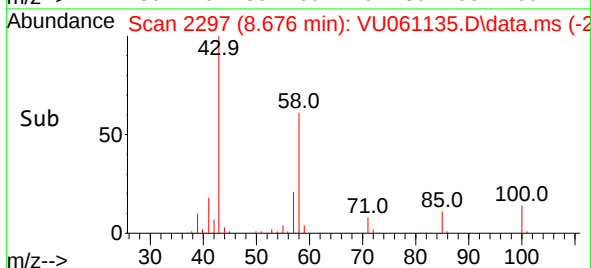
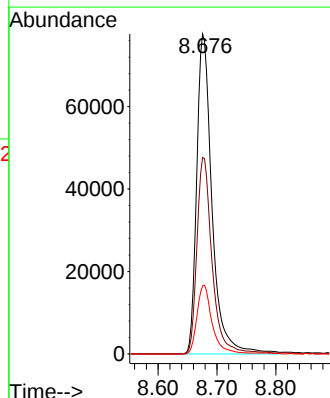
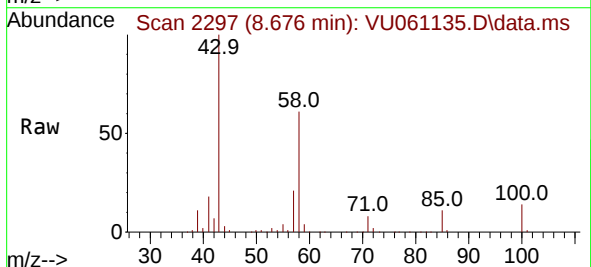
Tgt Ion: 43 Resp: 140427

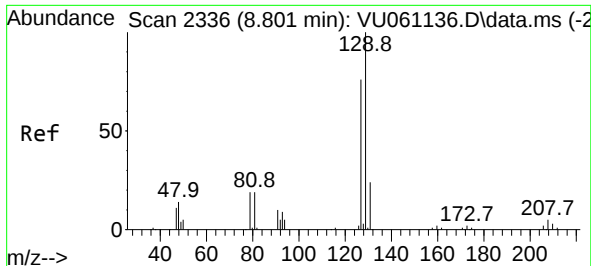
Ion Ratio Lower Upper

43 100

58 61.0 42.4 82.4

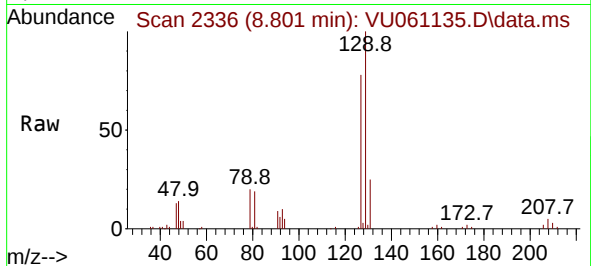
57 21.3 1.5 41.5





#55
Dibromochloromethane
Concen: 5.118 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

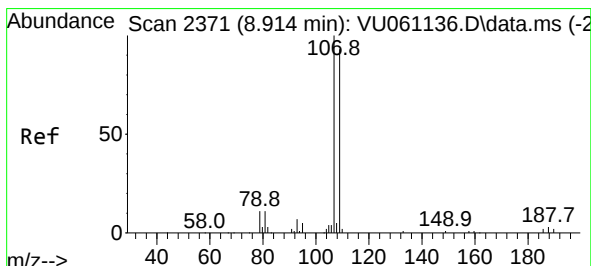
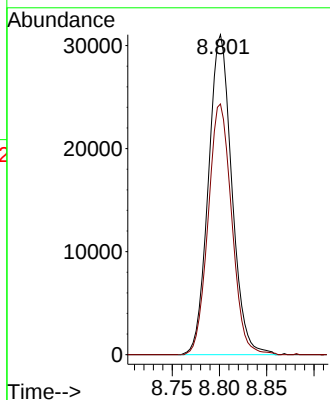
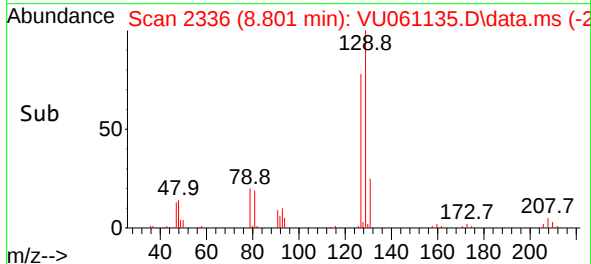
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



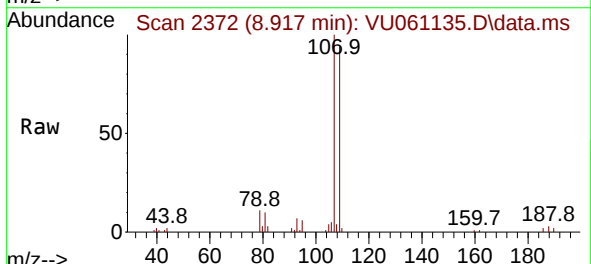
Tgt Ion:129 Resp: 5361
Ion Ratio Lower Upper
129 100
127 78.6 61.4 92.0

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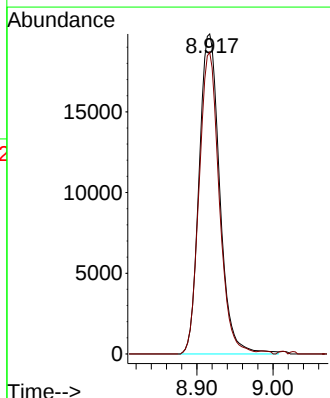
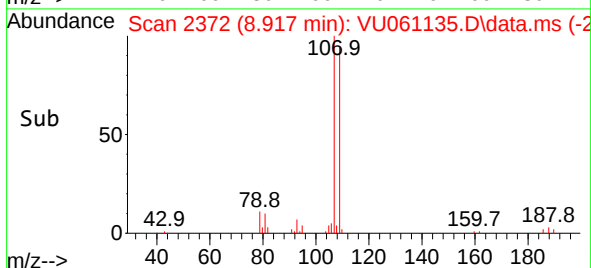
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

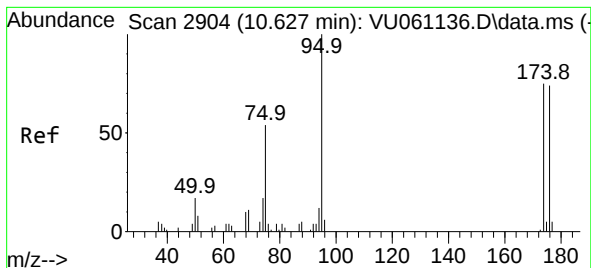


#56
1,2-Dibromoethane
Concen: 5.094 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15



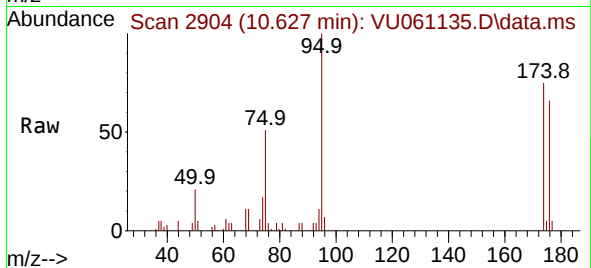
Tgt Ion:107 Resp: 37250
Ion Ratio Lower Upper
107 100
109 91.9 0.0 189.6





#57
4-Bromofluorobenzene
Concen: 1.028 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

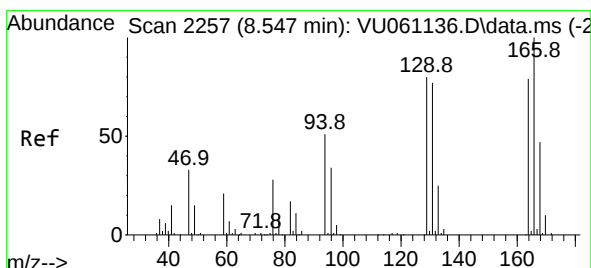
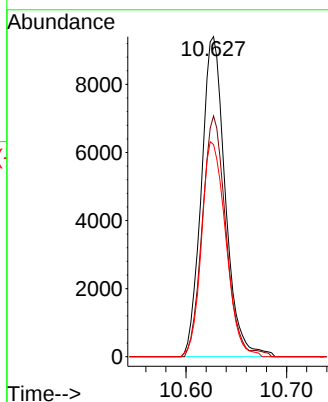
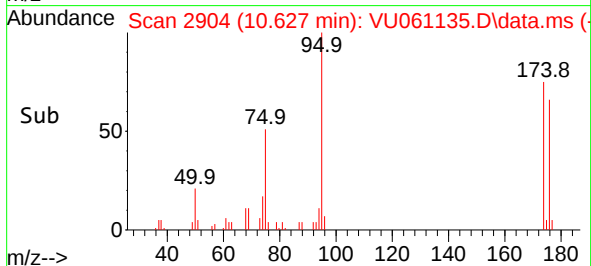
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 15490
Ion Ratio Lower Upper
95 100
174 74.6 59.7 89.5
176 68.3 60.2 90.2

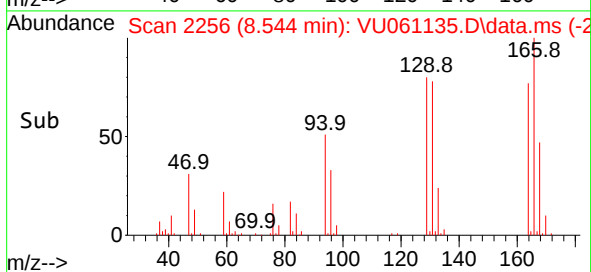
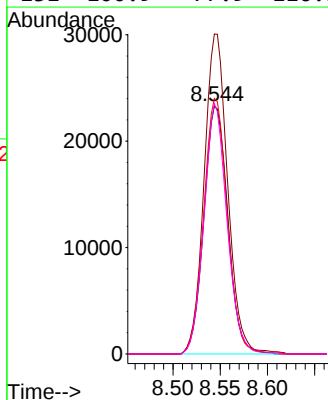
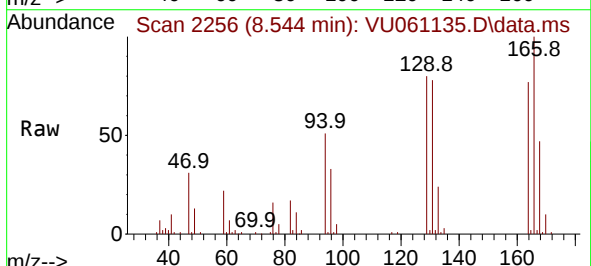
Manual Integrations
APPROVED

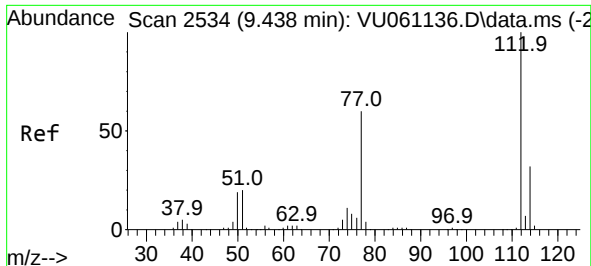
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#58
Tetrachloroethene
Concen: 5.117 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:164 Resp: 41051
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.0
129 103.1 80.7 121.1
131 100.9 77.9 116.9





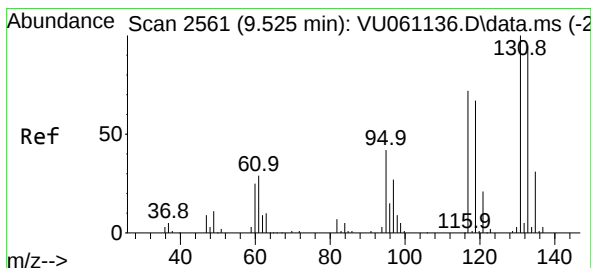
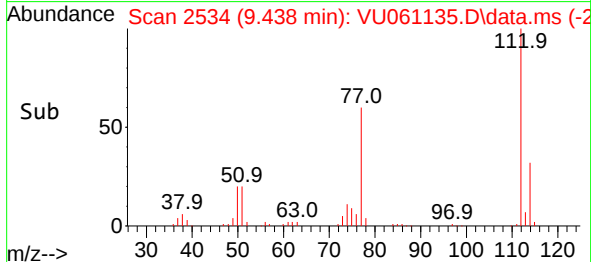
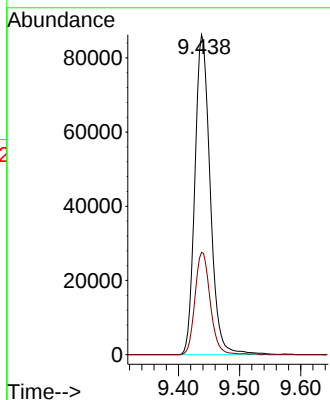
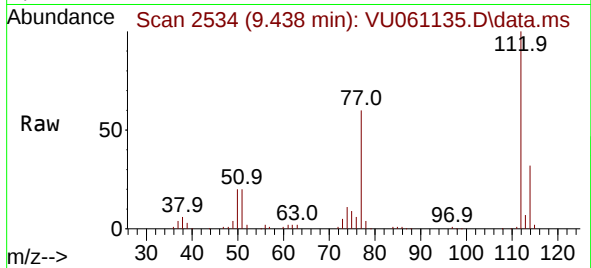
#59
Chlorobenzene
Concen: 5.156 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:112 Resp: 150304
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

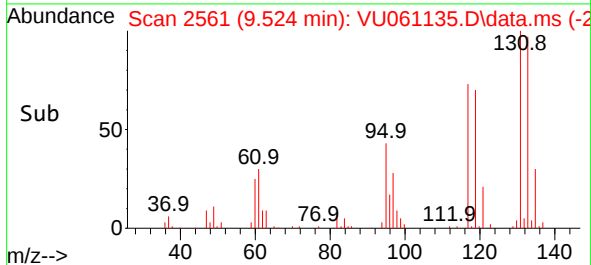
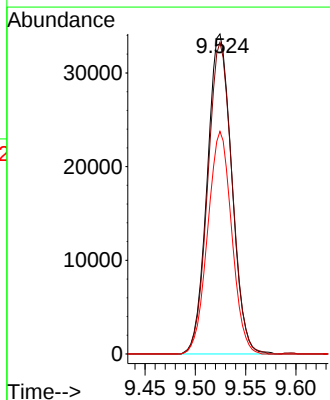
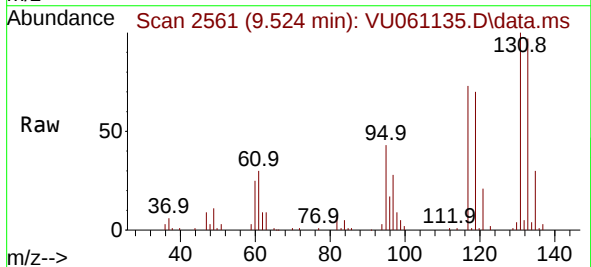
Manual Integrations
APPROVED

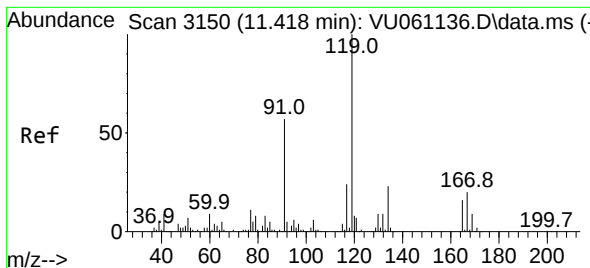
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 5.090 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:131 Resp: 57883
Ion Ratio Lower Upper
131 100
133 96.6 76.1 114.1
119 68.2 53.4 80.0





#61

Pentachloroethane

Concen: 5.162 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 4522

Ion Ratio Lower Upper

117 100

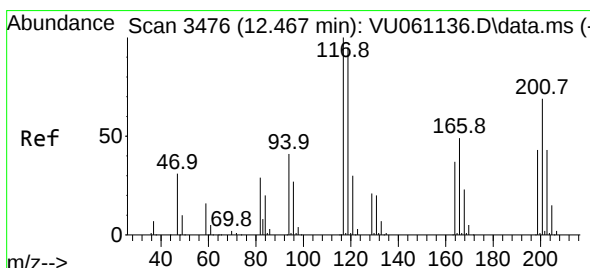
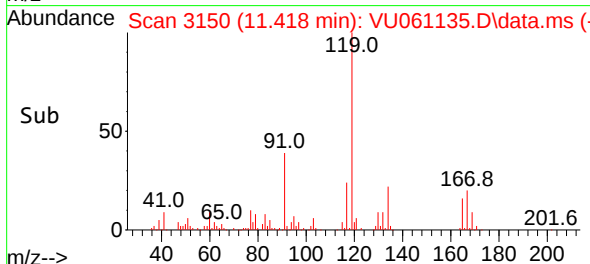
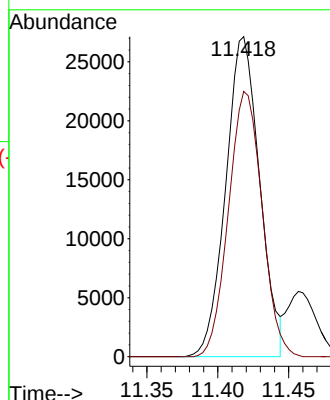
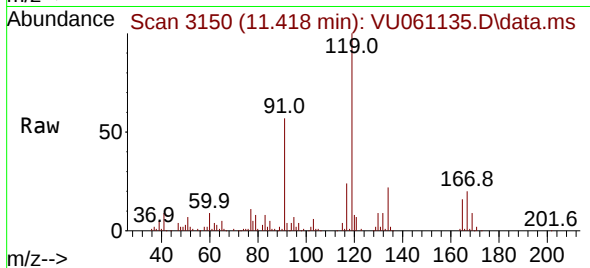
167 82.1 63.6 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#62

Hexachloroethane

Concen: 5.072 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU061135.D

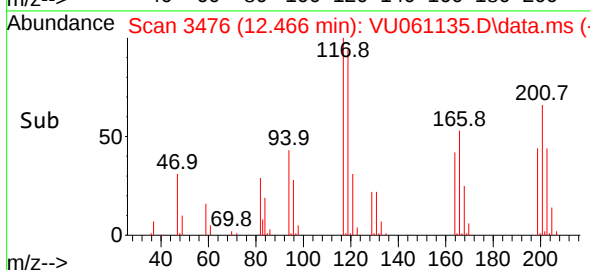
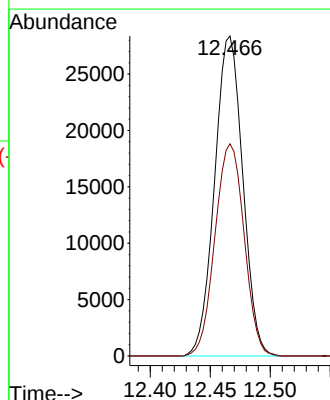
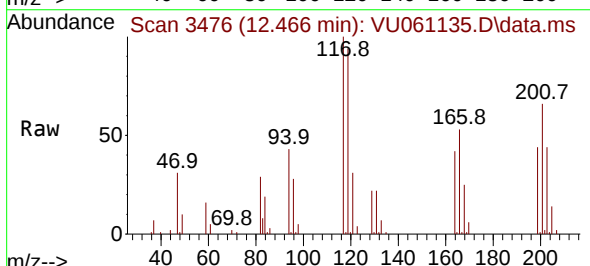
Acq: 16 Oct 2024 11:15

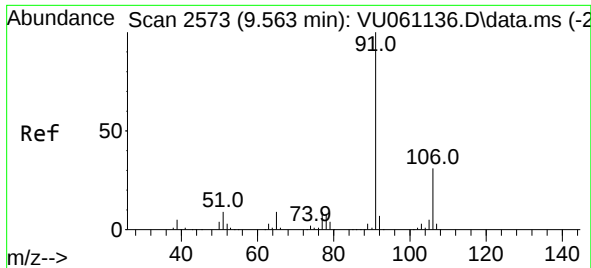
Tgt Ion:117 Resp: 46336

Ion Ratio Lower Upper

117 100

201 68.6 54.3 81.5





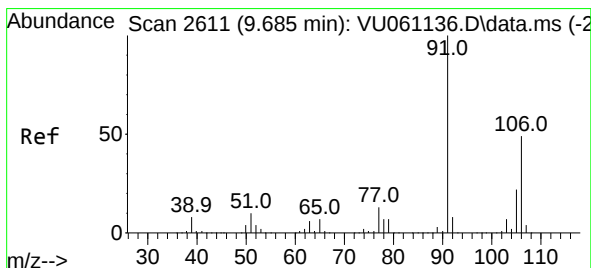
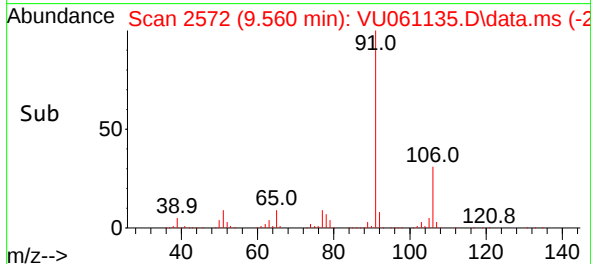
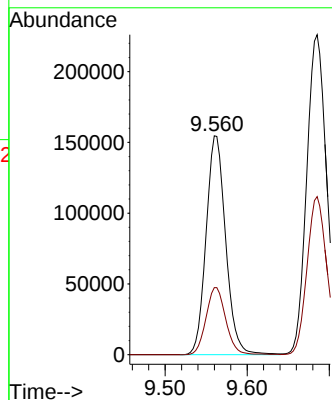
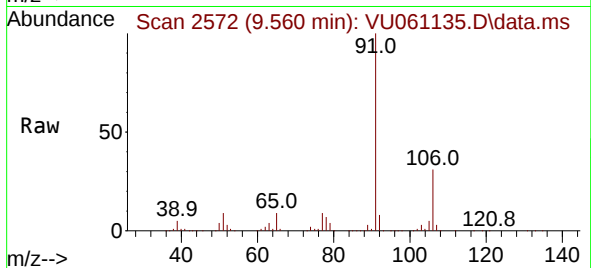
#63
Ethyl Benzene
Concen: 5.143 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 256238
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

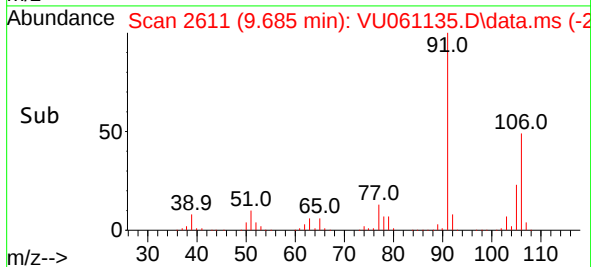
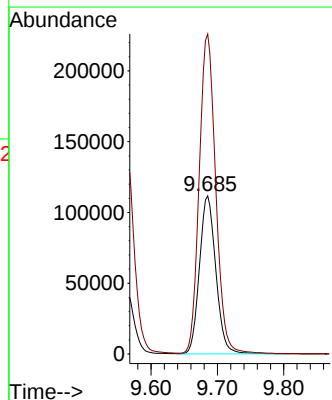
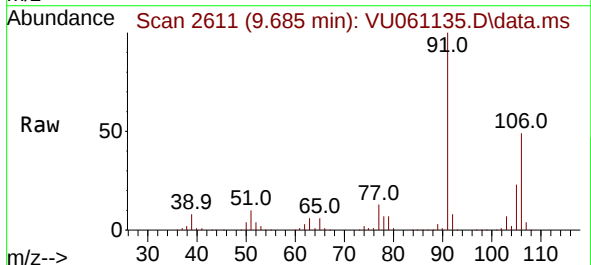
Manual Integrations
APPROVED

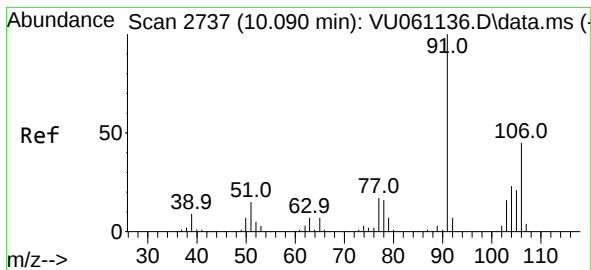
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#64
m/p-Xylenes
Concen: 10.301 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:106 Resp: 190974
Ion Ratio Lower Upper
106 100
91 204.3 164.1 246.1





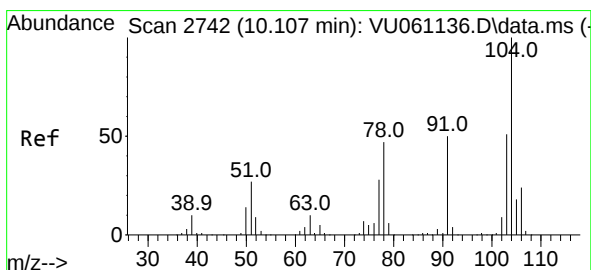
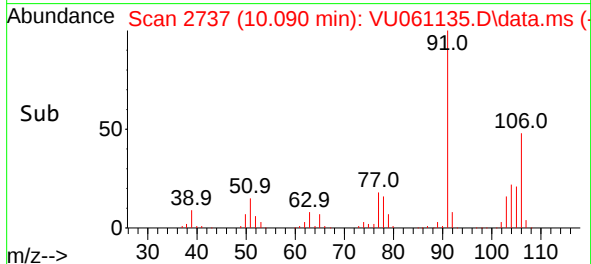
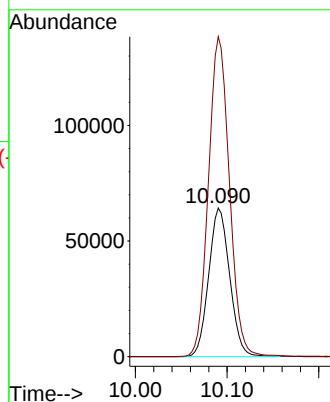
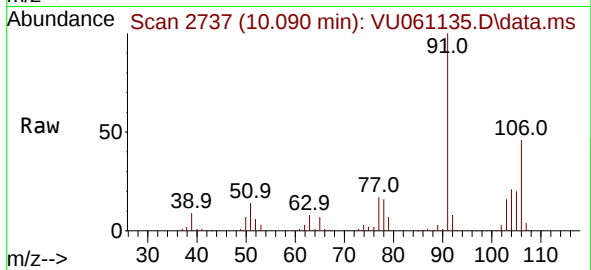
#65
o-Xylene
Concen: 5.221 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 10237
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.2

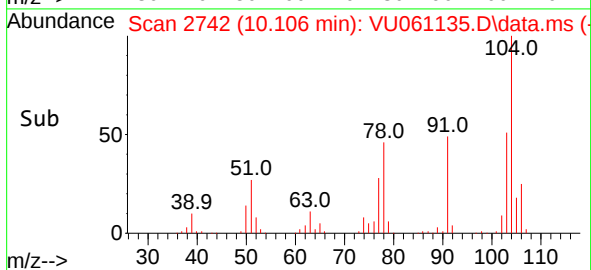
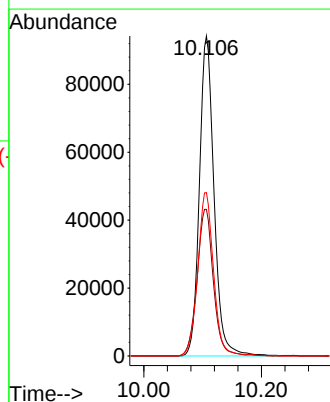
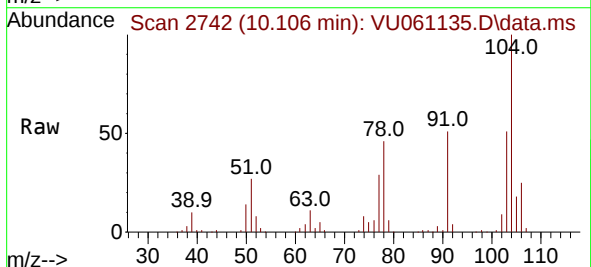
Manual Integrations
APPROVED

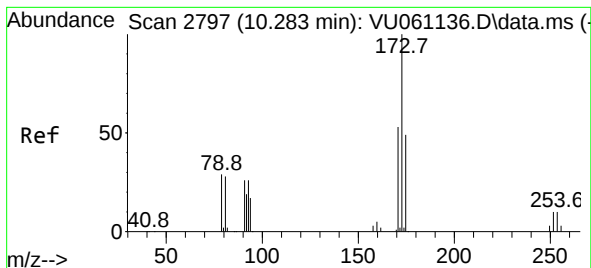
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#66
Styrene
Concen: 5.203 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:104 Resp: 162603
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 55.3 44.4 66.6





#67

Bromoform

Concen: 5.021 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

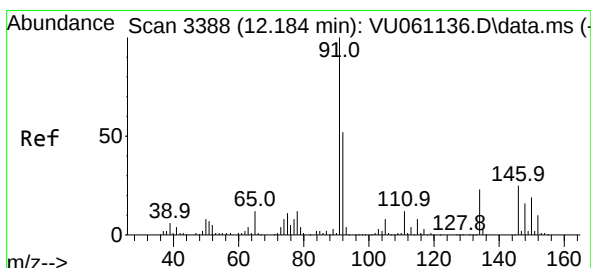
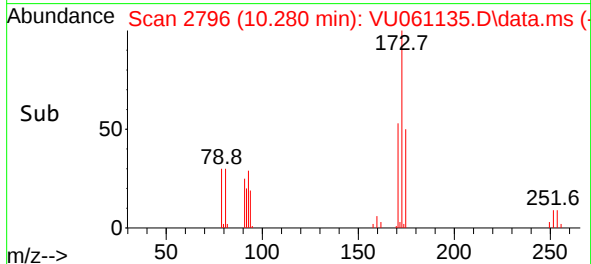
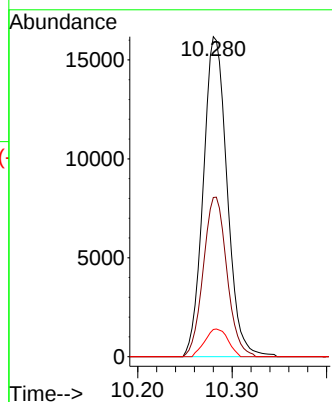
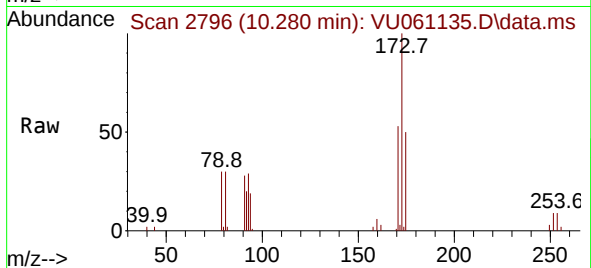
VSTDICC005

Tgt Ion:173	Resp:	2827
Ion Ratio	Lower	Upper
173	100	
175	49.4	38.9 58.3
254	8.4	7.0 10.6

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.057 ug/l

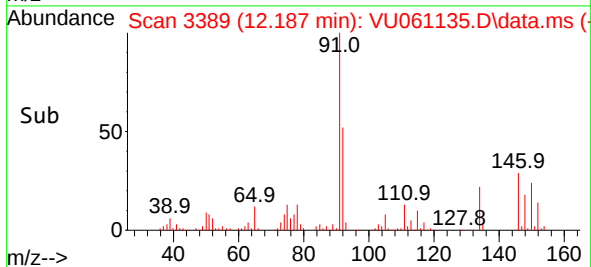
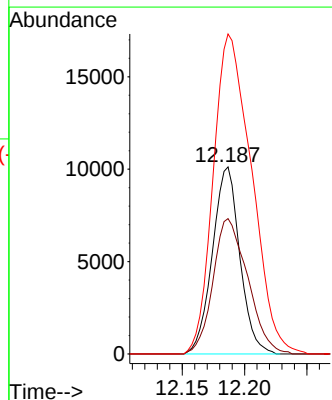
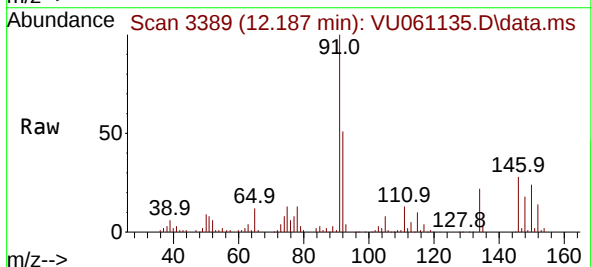
RT: 12.187 min Scan# 3389

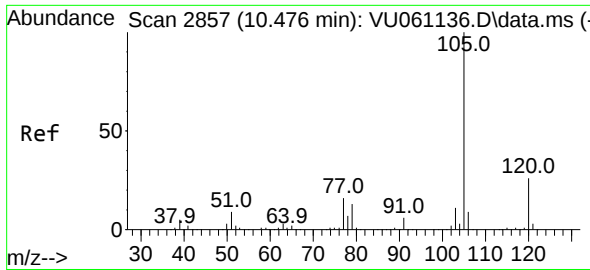
Delta R.T. 0.003 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Tgt Ion:152	Resp:	15509
Ion Ratio	Lower	Upper
152	100	
115	91.2	0.0 258.4
150	238.3	0.0 660.4





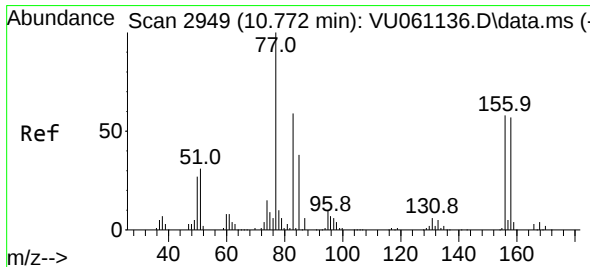
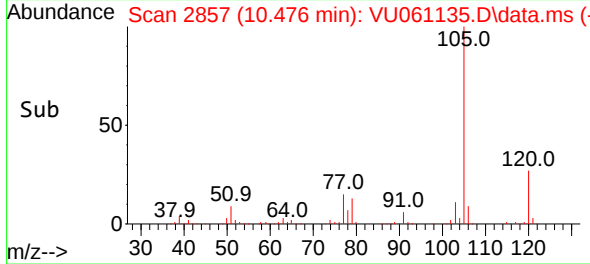
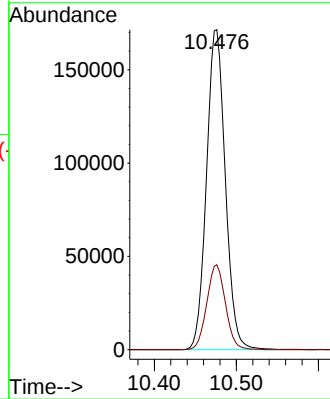
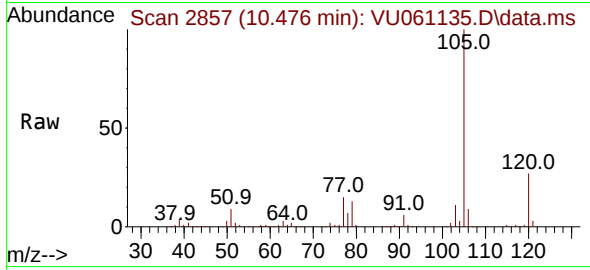
#69
Isopropylbenzene
Concen: 5.121 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 272993
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

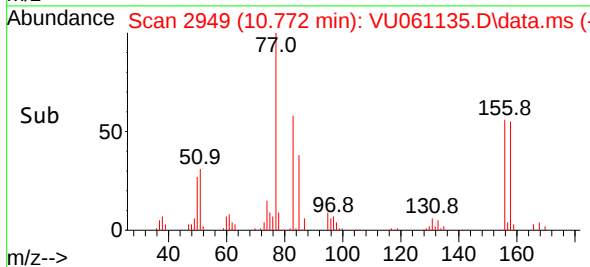
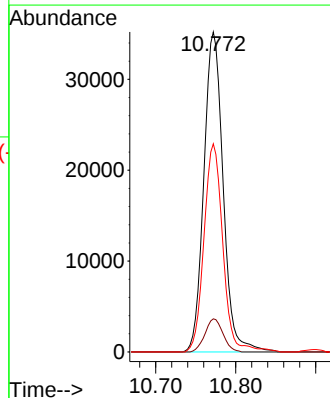
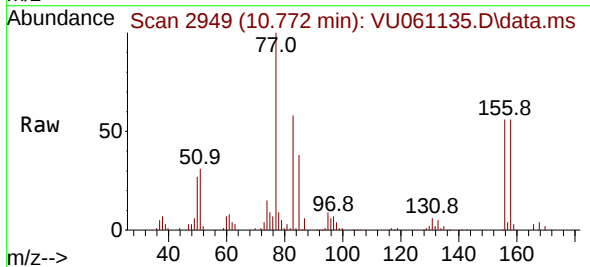
Manual Integrations
APPROVED

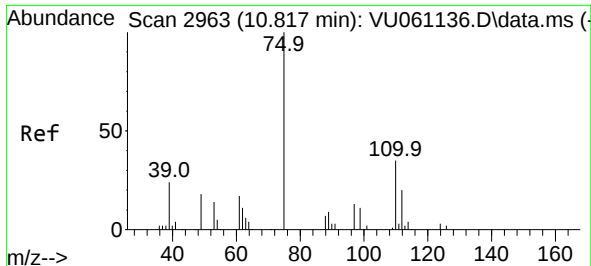
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 5.188 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

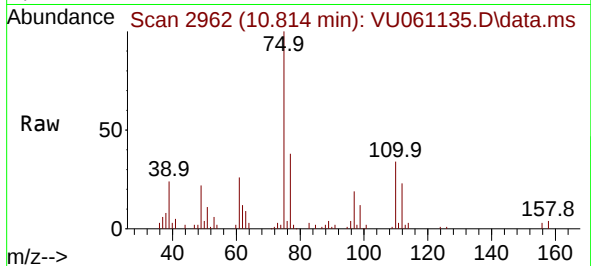
Tgt Ion: 83 Resp: 59208
Ion Ratio Lower Upper
83 100
131 9.7 7.5 11.3
85 63.7 52.3 78.5





#71
1,2,3-Trichloropropane
Concen: 5.530 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

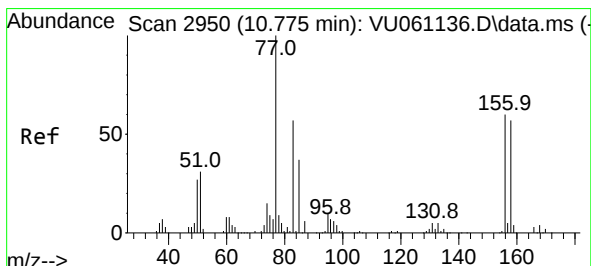
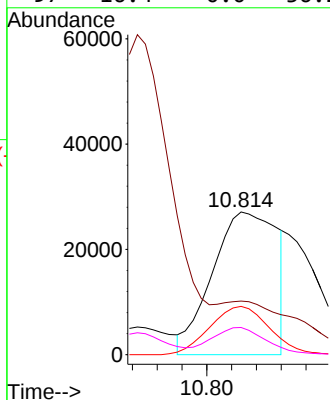
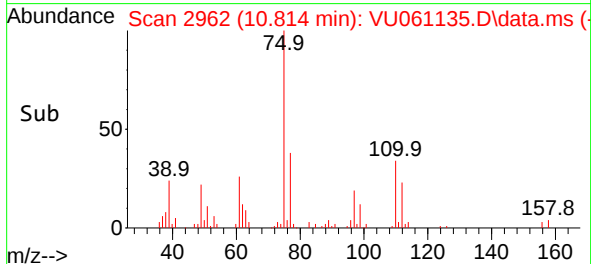
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 49088
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 31.4 0.0 66.8
97 16.4 0.0 36.2

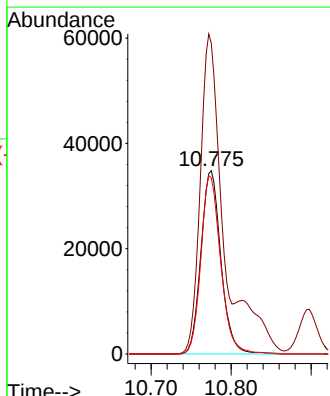
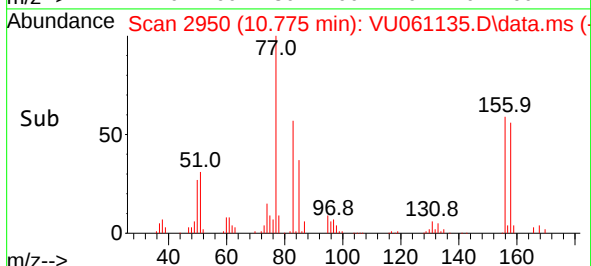
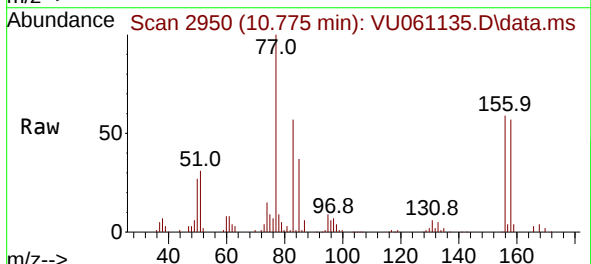
Manual Integrations
APPROVED

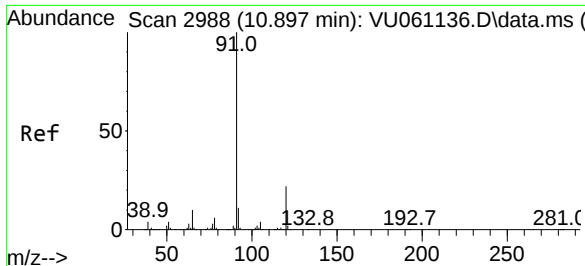
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#72
Bromobenzene
Concen: 5.192 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

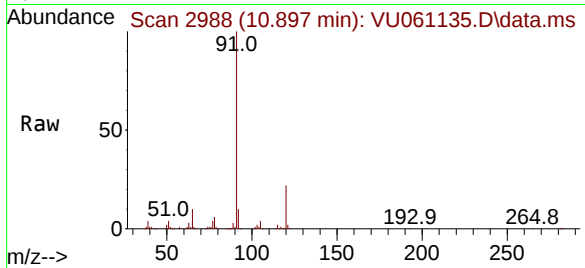
Tgt Ion:156 Resp: 60558
Ion Ratio Lower Upper
156 100
77 172.1 0.0 342.6
158 96.2 0.0 195.2





#73
n-propylbenzene
Concen: 5.139 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

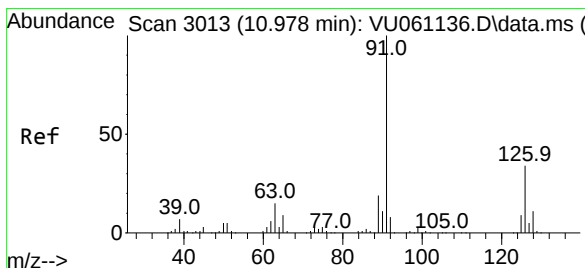
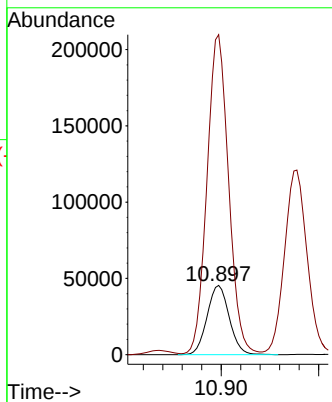
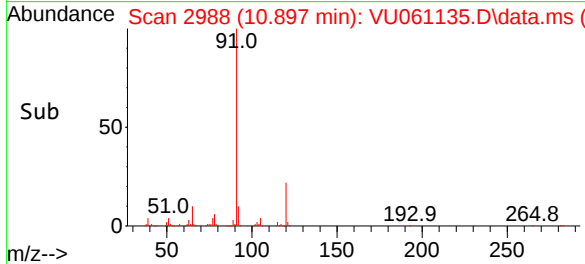
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:120 Resp: 71554
Ion Ratio Lower Upper
120 100
91 448.8 354.6 532.0

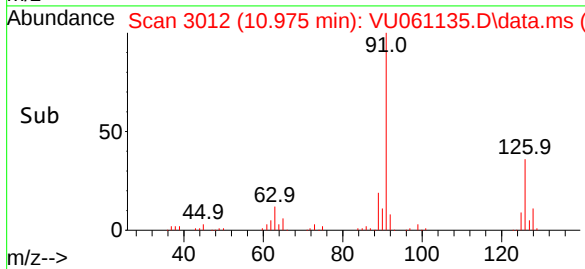
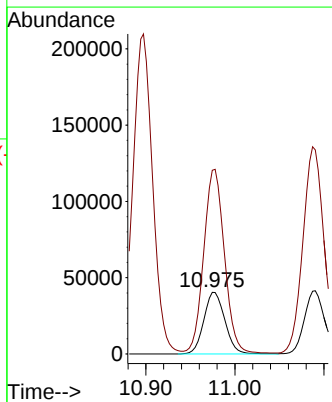
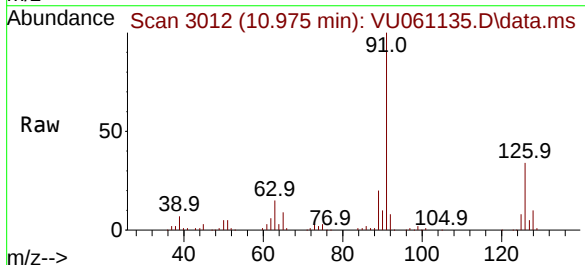
Manual Integrations
APPROVED

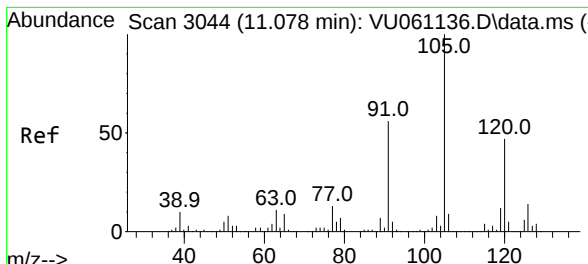
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#74
2-Chlorotoluene
Concen: 5.227 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:126 Resp: 66115
Ion Ratio Lower Upper
126 100
91 293.1 0.0 596.4





#75
 1,3,5-Trimethylbenzene
 Concen: 5.170 ug/l
 RT: 11.077 min Scan# 3044
 Delta R.T. -0.000 min
 Lab File: VU061135.D
 Acq: 16 Oct 2024 11:15

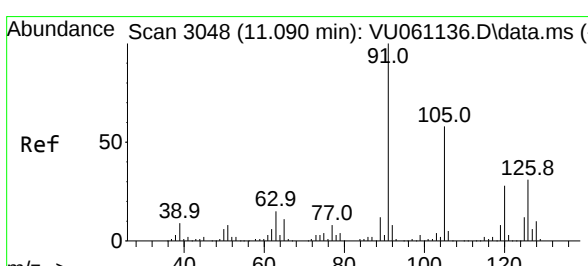
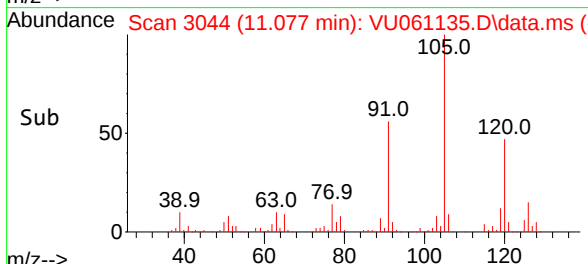
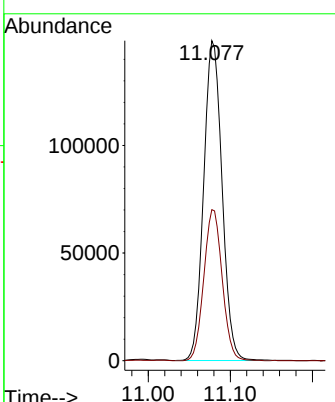
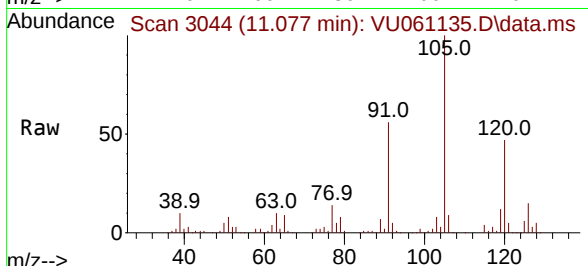
Instrument : MSVOA_U
 ClientSampleId : VSTDIC005

Tgt Ion: 105 Resp: 231364

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.8	56.8

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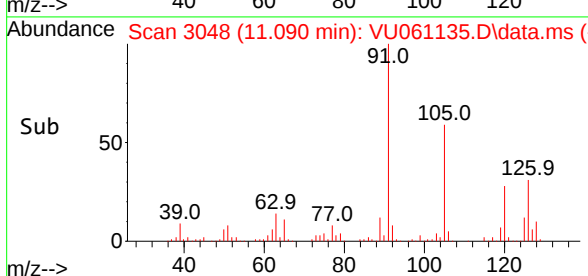
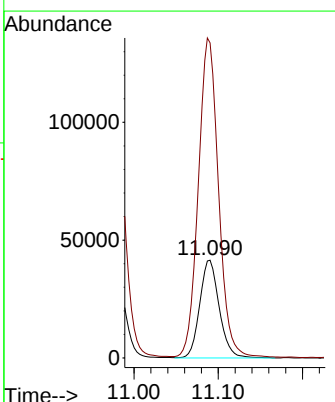
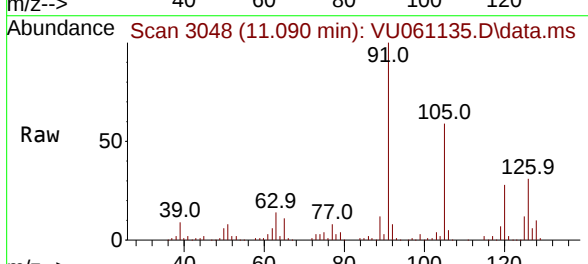
Reviewed By : Mahesh Dadoda 10/17/2024
 Supervised By : Semsettin Yesilyurt 10/17/2024

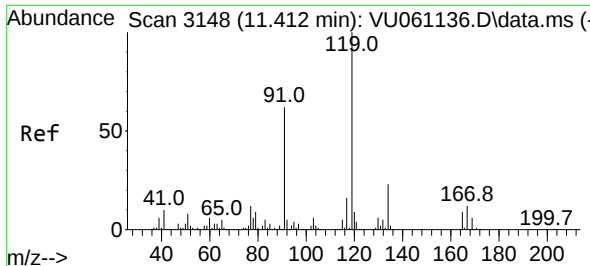


#76
 4-Chlorotoluene
 Concen: 5.212 ug/l
 RT: 11.090 min Scan# 3048
 Delta R.T. -0.000 min
 Lab File: VU061135.D
 Acq: 16 Oct 2024 11:15

Tgt Ion: 126 Resp: 66838

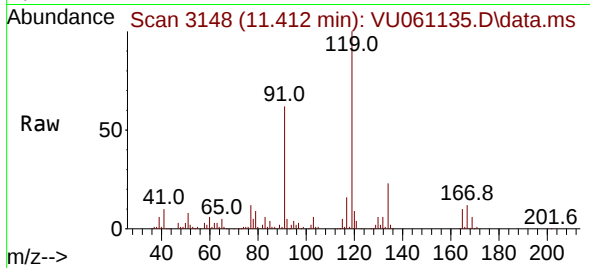
Ion	Ratio	Lower	Upper
126	100		
91	337.4	0.0	688.8





#77
tert-Butylbenzene
Concen: 5.143 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

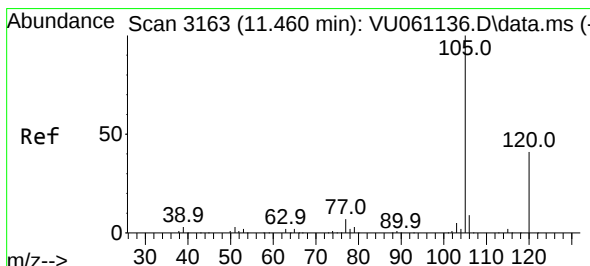
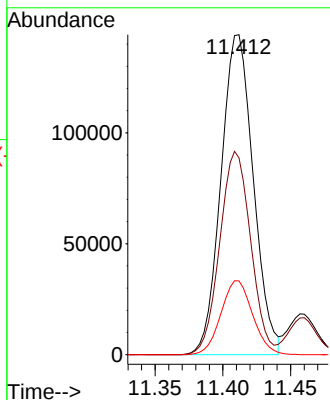
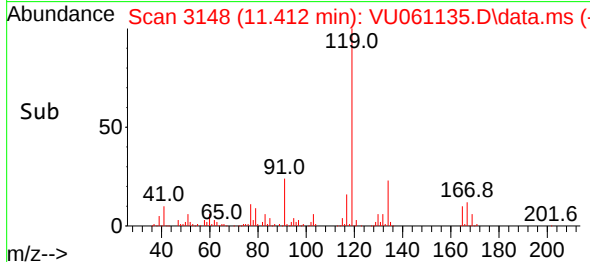
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



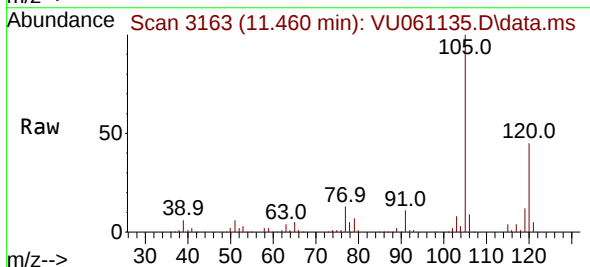
Tgt Ion:119 Resp: 239600
Ion Ratio Lower Upper
119 100
91 60.7 30.0 90.0
134 22.6 17.6 26.4

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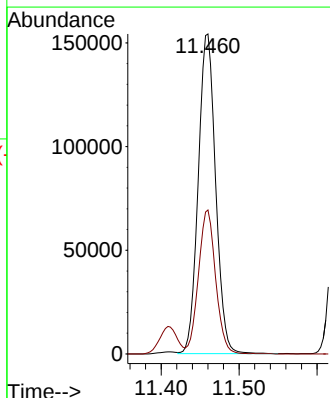
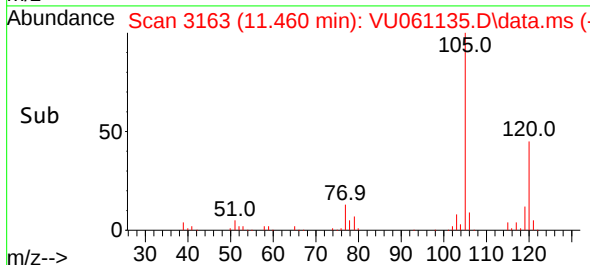
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

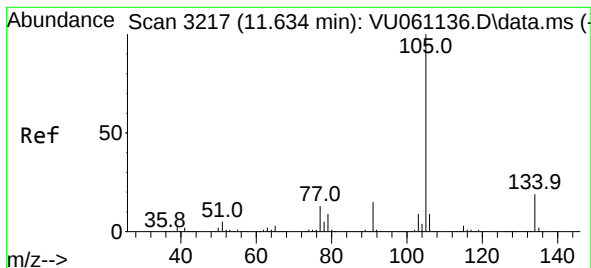


#78
1,2,4-Trimethylbenzene
Concen: 5.221 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15



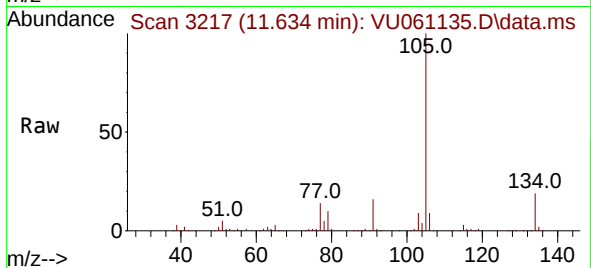
Tgt Ion:105 Resp: 238535
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#79
sec-Butylbenzene
Concen: 5.123 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

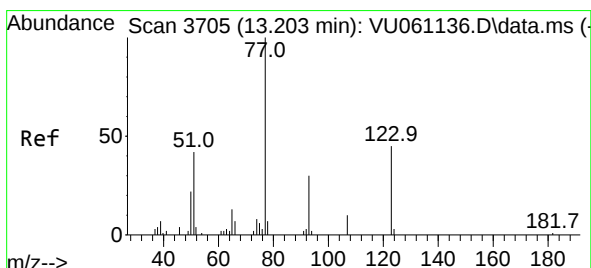
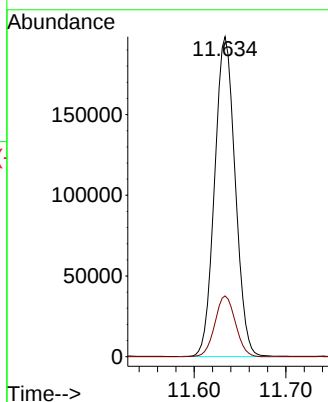
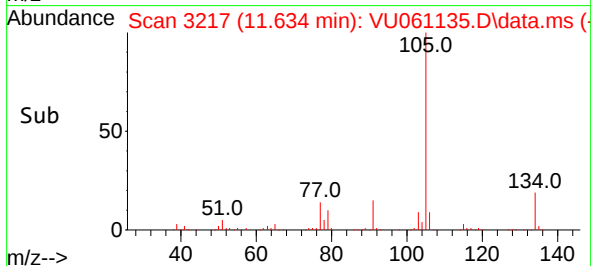
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 308528
Ion Ratio Lower Upper
105 100
134 19.1 15.5 23.3

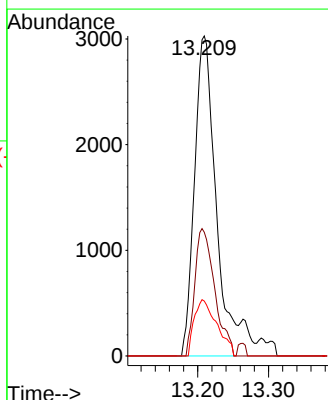
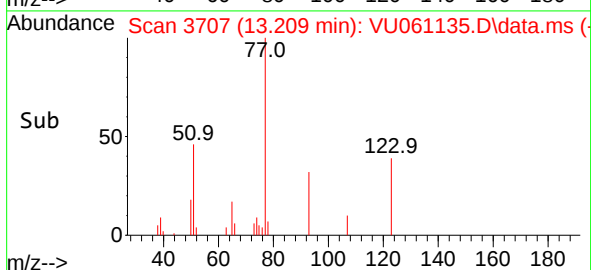
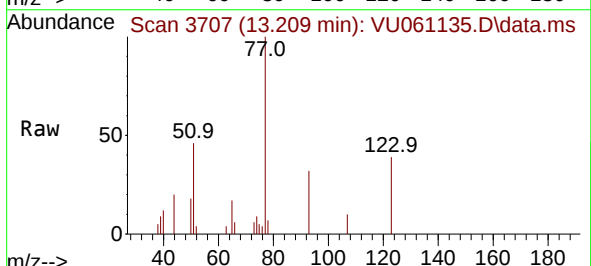
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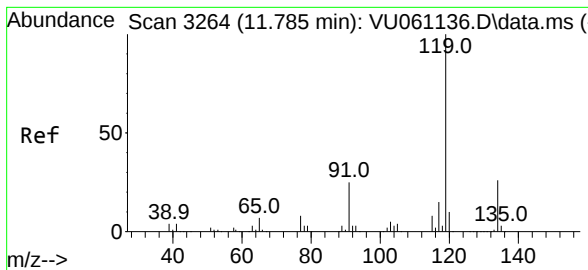
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#80
Nitrobenzene
Concen: 23.393 ug/l m
RT: 13.209 min Scan# 3707
Delta R.T. 0.006 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion: 77 Resp: 6817
Ion Ratio Lower Upper
77 100
123 34.6 17.4 61.6
65 17.4 12.4 15.8#





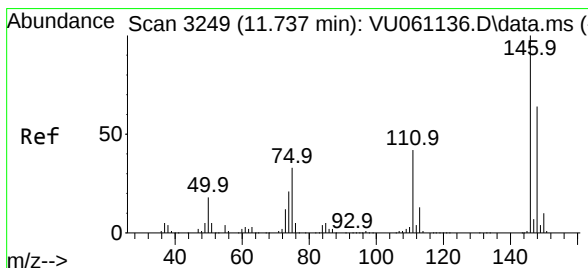
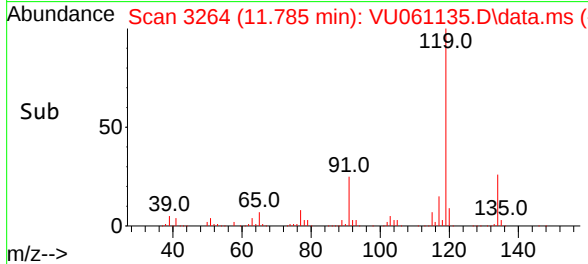
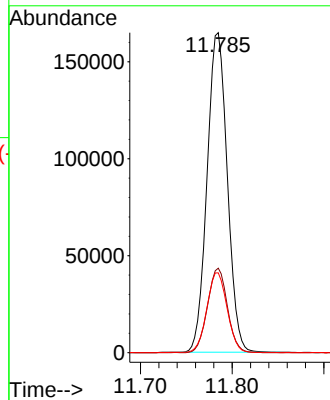
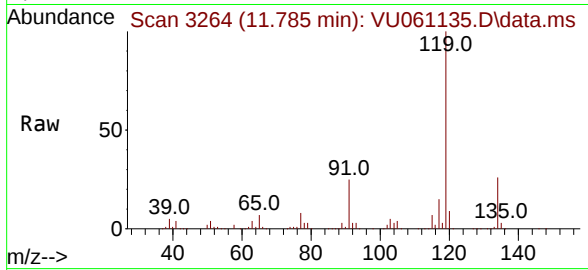
#81
p-Isopropyltoluene
Concen: 5.170 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 25253
Ion Ratio Lower Upper
119 100
134 26.1 20.7 31.1
91 25.3 19.8 29.8

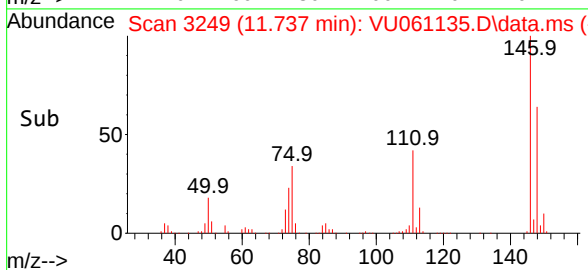
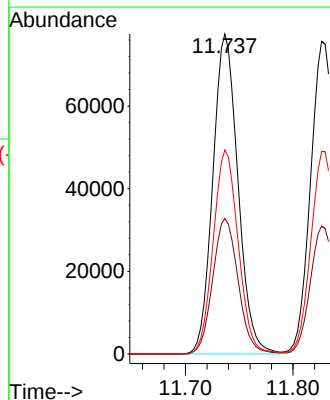
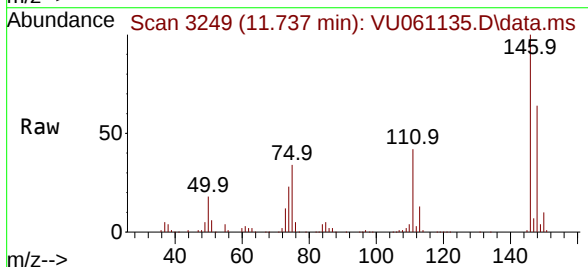
Manual Integrations
APPROVED

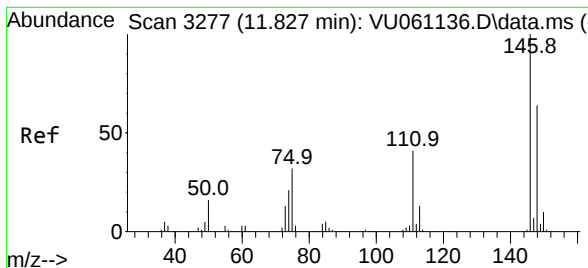
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#82
1,3-Dichlorobenzene
Concen: 5.122 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:146 Resp: 125841
Ion Ratio Lower Upper
146 100
111 42.9 34.0 51.0
148 63.5 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 5.112 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 124788

Ion Ratio Lower Upper

146 100

111 40.3 33.0 49.6

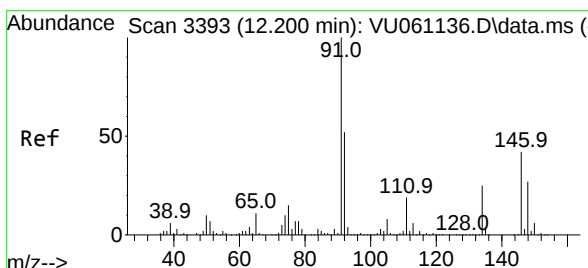
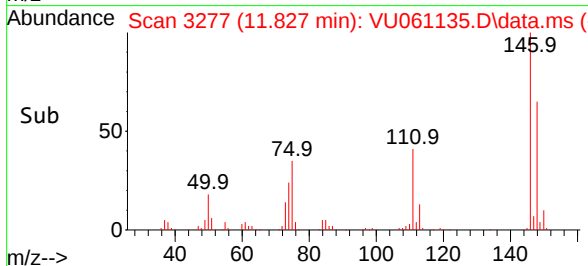
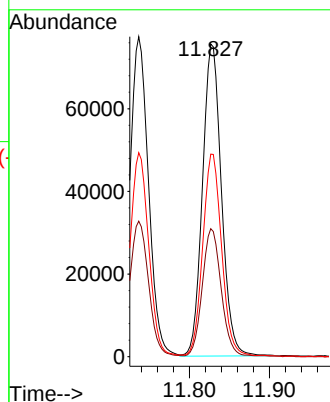
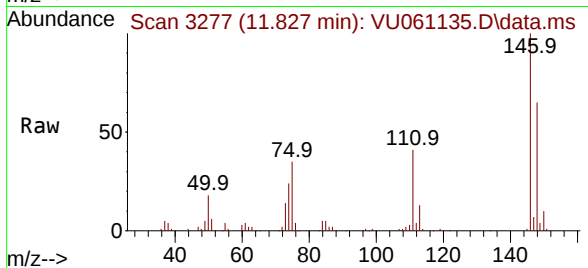
148 64.0 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024

Supervised By :Semsettin Yesilyurt 10/17/2024



#84

n-Butylbenzene

Concen: 5.147 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

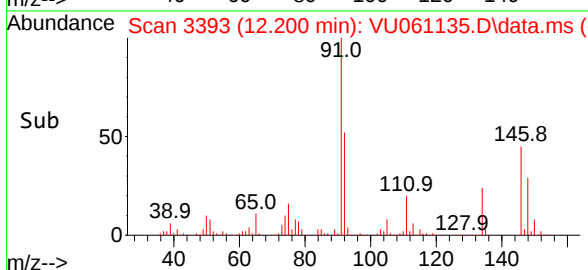
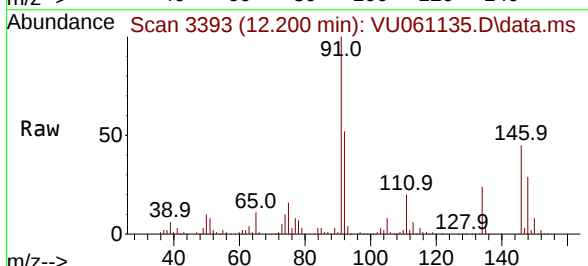
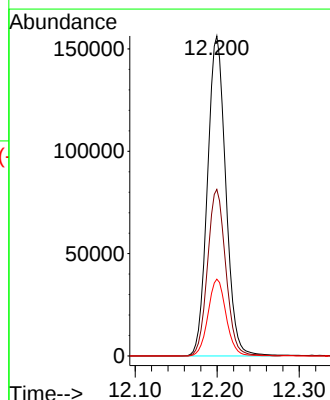
Tgt Ion: 91 Resp: 242045

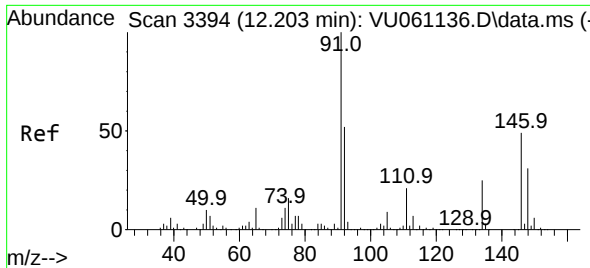
Ion Ratio Lower Upper

91 100

92 51.9 41.7 62.5

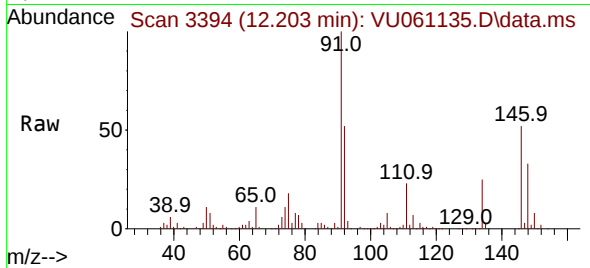
134 23.8 19.8 29.6





#85
1,2-Dichlorobenzene
Concen: 5.152 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

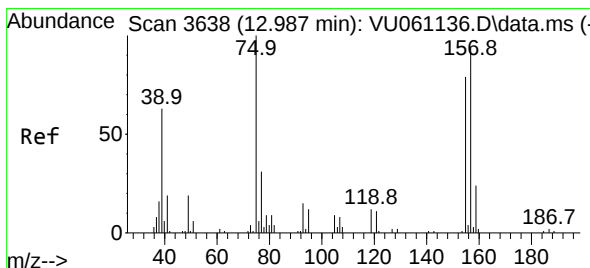
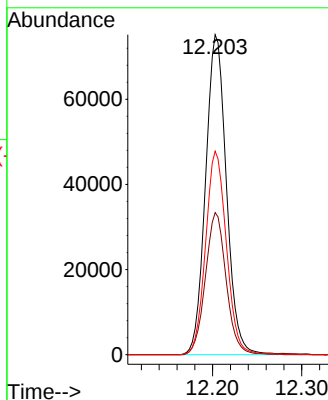
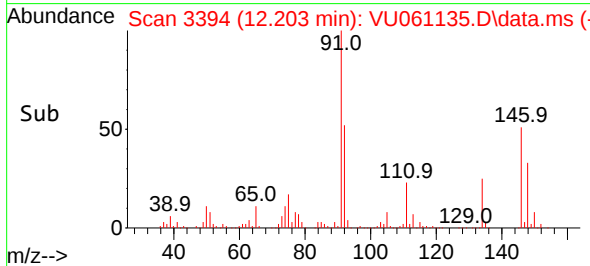
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 121950
Ion Ratio Lower Upper
146 100
111 44.4 21.7 65.1
148 63.7 31.5 94.5

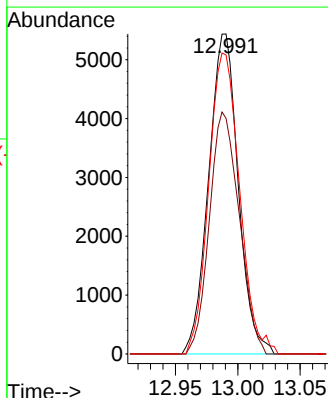
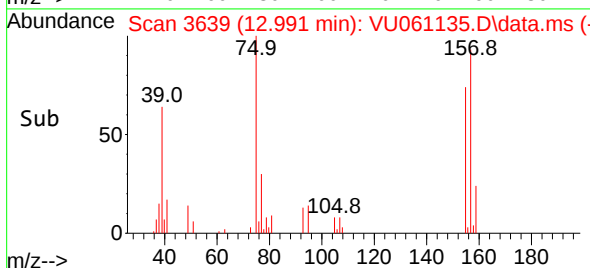
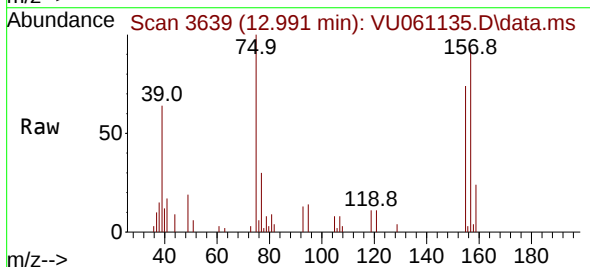
Manual Integrations
APPROVED

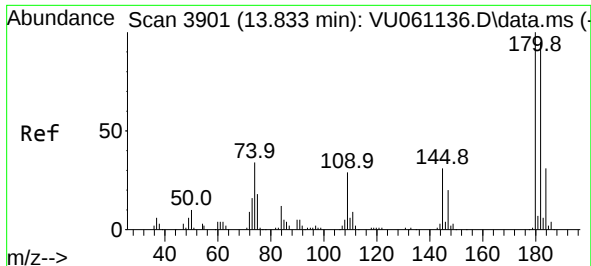
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 5.058 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

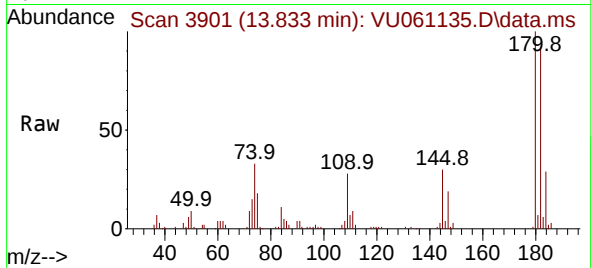
Tgt Ion: 75 Resp: 8988
Ion Ratio Lower Upper
75 100
155 76.3 61.3 91.9
157 98.1 78.9 118.3





#87
1,2,4-Trichlorobenzene
Concen: 5.294 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

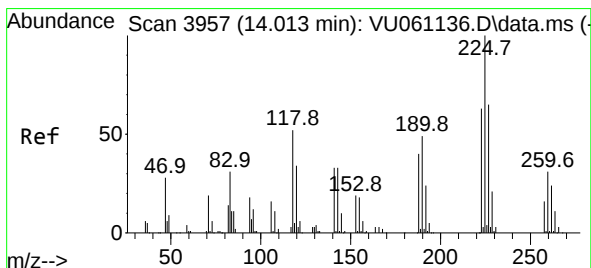
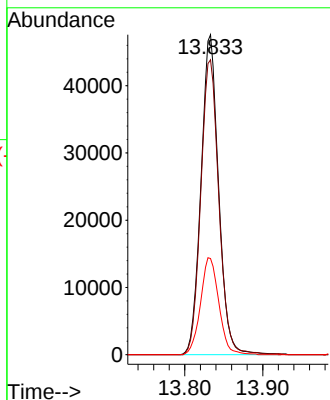
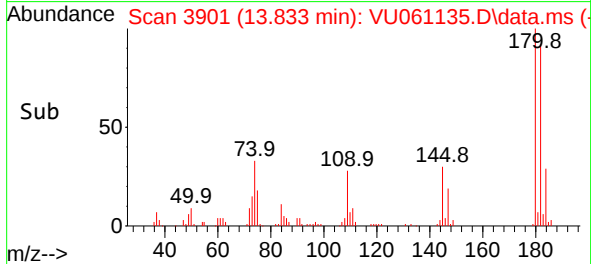
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:180 Resp: 74784
Ion Ratio Lower Upper
180 100
182 94.6 74.8 112.2
145 31.5 24.9 37.3

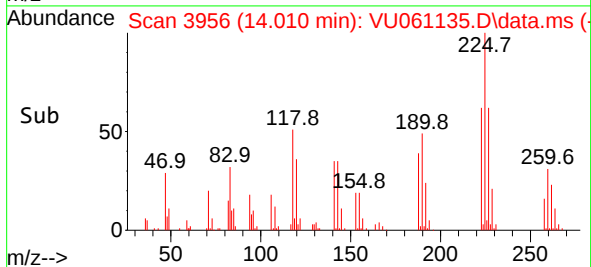
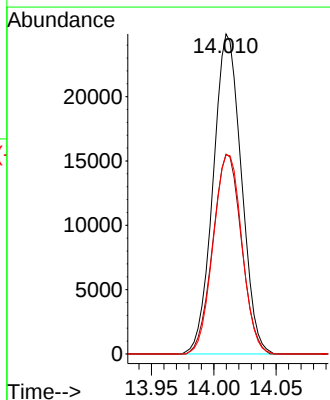
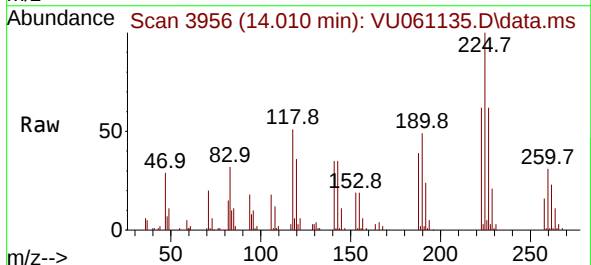
Manual Integrations
APPROVED

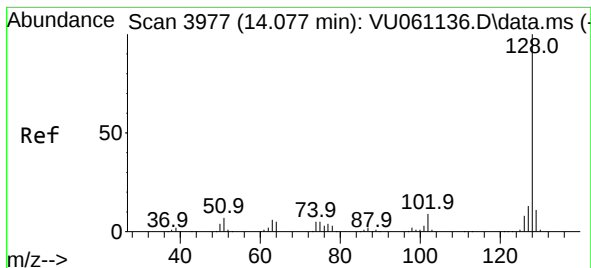
Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



#88
Hexachlorobutadiene
Concen: 4.994 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU061135.D
Acq: 16 Oct 2024 11:15

Tgt Ion:225 Resp: 39180
Ion Ratio Lower Upper
225 100
223 63.6 51.4 77.0
227 63.2 51.2 76.8





#89

Naphthalene

Concen: 5.243 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

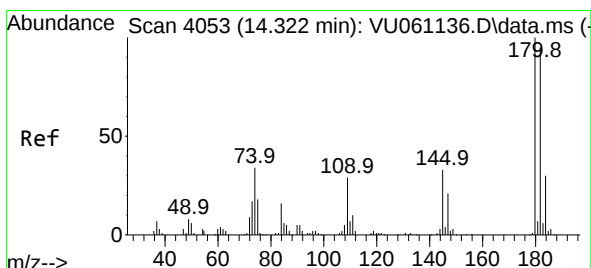
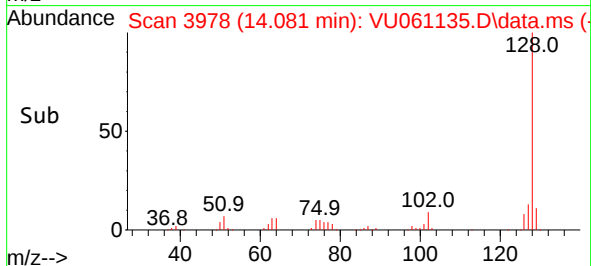
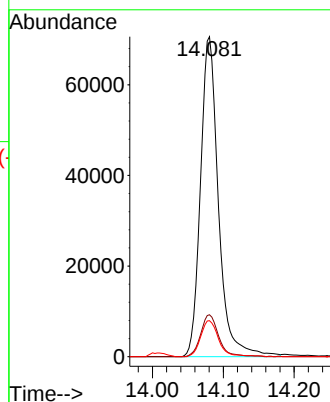
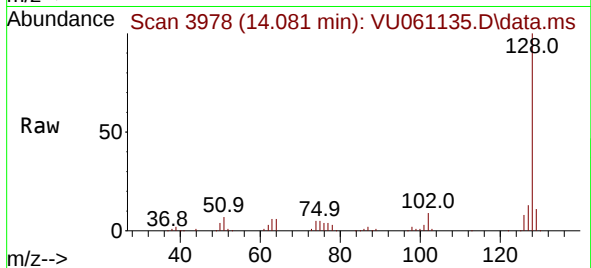
VSTDICC005

Tgt Ion:128	Resp: 12438
Ion Ratio	Lower Upper
128 100	
127 13.0	10.5 15.7
129 11.3	8.8 13.2

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 5.234 ug/l

RT: 14.318 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU061135.D

Acq: 16 Oct 2024 11:15

Tgt Ion:180	Resp: 62590
Ion Ratio	Lower Upper
180 100	
182 95.5	76.6 114.8
145 34.2	27.3 40.9

