

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044464.D
 Acq On : 20 Dec 2024 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 22:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	140284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109103	44.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.720%		
35) Dibromofluoromethane	5.379	113	86675	52.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.700%		
50) Toluene-d8	8.647	98	290046	51.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.840%		
62) 4-Bromofluorobenzene	11.079	95	99862	51.161	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104302	48.084	ug/l	95
3) Chloromethane	1.294	50	97601	47.052	ug/l	99
4) Vinyl Chloride	1.374	62	102407	47.388	ug/l	96
5) Bromomethane	1.593	94	69880	45.581	ug/l	98
6) Chloroethane	1.666	64	71114	52.848	ug/l	97
7) Trichlorofluoromethane	1.868	101	168610	39.855	ug/l	98
8) Diethyl Ether	2.136	74	61643	42.687	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	82704	48.311	ug/l	96
10) Methyl Iodide	2.441	142	113213	50.177	ug/l	98
11) Tert butyl alcohol	2.989	59	71333	205.778	ug/l	100
12) 1,1-Dichloroethene	2.306	96	78622	50.001	ug/l	95
13) Acrolein	2.239	56	111786	222.774	ug/l	98
14) Allyl chloride	2.654	41	124514	47.541	ug/l	97
15) Acrylonitrile	3.062	53	217189	226.182	ug/l	98
16) Acetone	2.386	43	189212	188.692	ug/l	95
17) Carbon Disulfide	2.502	76	152826	51.130	ug/l	100
18) Methyl Acetate	2.709	43	120686	46.678	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	276668	45.089	ug/l	99
20) Methylene Chloride	2.782	84	89276	47.401	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	81078	48.517	ug/l	99
22) Diisopropyl ether	3.764	45	265503	45.018	ug/l	98
23) Vinyl Acetate	3.721	43	1167584	243.510	ug/l	98
24) 1,1-Dichloroethane	3.605	63	157858	48.018	ug/l	99
25) 2-Butanone	4.562	43	303982	213.237	ug/l	98
26) 2,2-Dichloropropane	4.471	77	116211	43.513	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	100836	47.511	ug/l	95
28) Bromochloromethane	4.891	49	71526	44.369	ug/l	95
29) Tetrahydrofuran	5.007	42	194494	212.557	ug/l	99
30) Chloroform	5.093	83	166909	45.189	ug/l	99
31) Cyclohexane	5.464	56	122203	46.033	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	144394	47.095	ug/l	99
36) 1,1-Dichloropropene	5.684	75	104911	49.017	ug/l	97
37) Ethyl Acetate	4.721	43	127468	48.180	ug/l	100
38) Carbon Tetrachloride	5.666	117	118357	51.365	ug/l	99
39) Methylcyclohexane	7.373	83	131438	51.370	ug/l	96
40) Benzene	6.031	78	333117	51.262	ug/l	99

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 Quant Title : SW846 8260
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 Supervised By :Mahesh Dadoda 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66592	47.401	ug/l	98
42) 1,2-Dichloroethane	6.080	62	127634	47.680	ug/l	98
43) Isopropyl Acetate	6.342	43	198680	48.047	ug/l	98
44) Trichloroethene	7.117	130	86021	53.083	ug/l	93
45) 1,2-Dichloropropane	7.428	63	82383	49.622	ug/l	96
46) Dibromomethane	7.574	93	65924	51.184	ug/l	94
47) Bromodichloromethane	7.818	83	117278	52.723	ug/l	100
48) Methyl methacrylate	7.690	41	94575	47.115	ug/l	96
49) 1,4-Dioxane	7.659	88	33398	1003.530	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	625919	235.413	ug/l	99
52) Toluene	8.714	92	204328	50.071	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115268	48.388	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	127004	52.437	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	82378	50.814	ug/l	96
56) Ethyl methacrylate	9.116	69	131845	51.516	ug/l	95
57) 1,3-Dichloropropane	9.305	76	140522	49.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	314516	243.652	ug/l	98
59) 2-Hexanone	9.433	43	454909	236.376	ug/l	99
60) Dibromochloromethane	9.519	129	86219	50.206	ug/l	99
61) 1,2-Dibromoethane	9.604	107	87547	53.053	ug/l	98
64) Tetrachloroethene	9.269	164	70888	51.727	ug/l	97
65) Chlorobenzene	10.079	112	225888	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79060	55.601	ug/l	99
67) Ethyl Benzene	10.189	91	385756	50.462	ug/l	96
68) m/p-Xylenes	10.299	106	294612	105.028	ug/l	95
69) o-Xylene	10.640	106	146149	51.494	ug/l	93
70) Styrene	10.653	104	240058	52.761	ug/l	96
71) Bromoform	10.799	173	51823	51.900	ug/l #	99
73) Isopropylbenzene	10.957	105	374548	50.011	ug/l	100
74) N-ethyl acetate	10.842	43	168135	48.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	125030	48.065	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102028m	46.709	ug/l	
77) Bromobenzene	11.195	156	94262	51.903	ug/l	94
78) n-propylbenzene	11.305	91	417465	50.432	ug/l	98
79) 2-Chlorotoluene	11.360	91	253139	47.285	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	309218	49.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32407	43.348	ug/l	95
82) 4-Chlorotoluene	11.451	91	289306	48.802	ug/l	98
83) tert-Butylbenzene	11.713	119	312731	50.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	308415	50.564	ug/l	98
85) sec-Butylbenzene	11.890	105	376639	50.546	ug/l	99
86) p-Isopropyltoluene	12.006	119	319422	51.504	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163311	51.480	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	161681	49.579	ug/l	98
89) n-Butylbenzene	12.329	91	261860	50.212	ug/l	99
90) Hexachloroethane	12.536	117	47928	52.940	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	167214	50.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23250	46.042	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	97858	54.188	ug/l	98
94) Hexachlorobutadiene	13.725	225	40506	55.763	ug/l	98
95) Naphthalene	13.774	128	343151	48.680	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	101400	52.939	ug/l	98

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VSTDCCC050EC

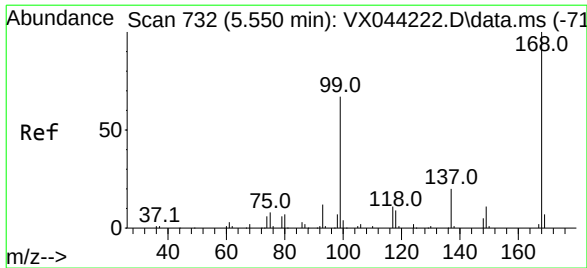
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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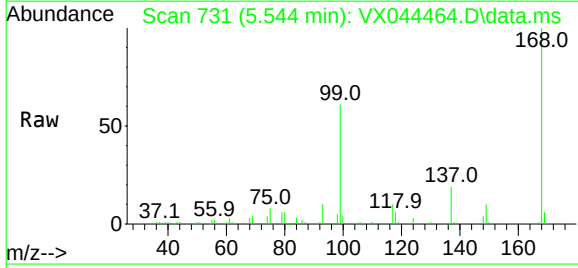
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

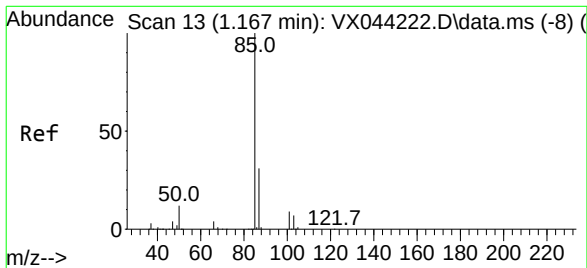
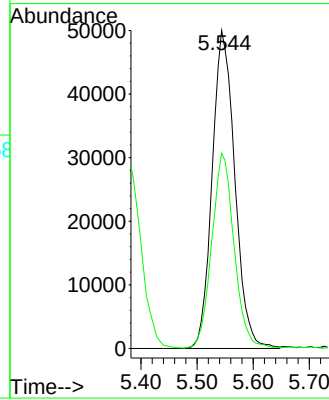
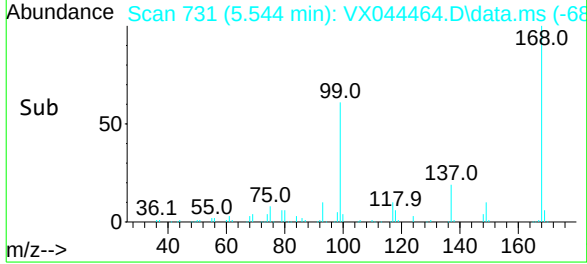
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 140284
Ion Ratio Lower Upper
168 100
99 61.2 53.4 80.0

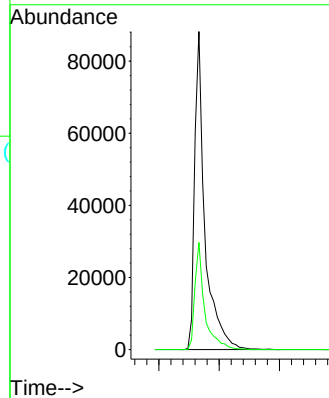
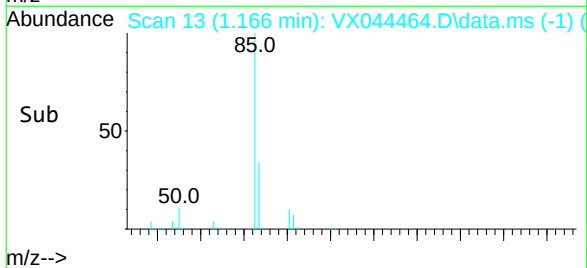
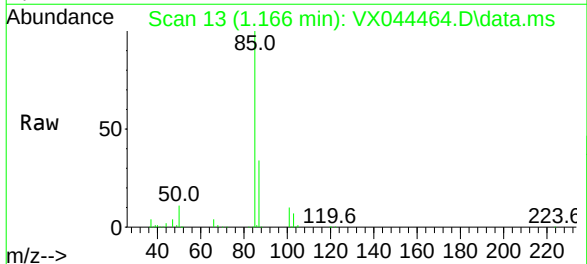
Manual Integrations
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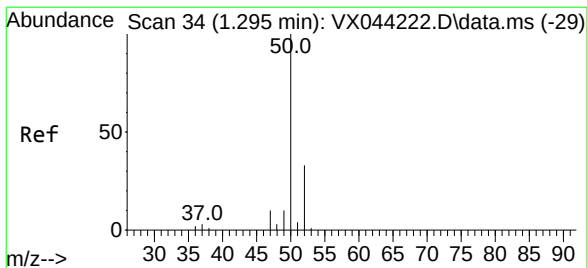
Reviewed By : Semsettin Yesilyurt 12/23/2024
Supervised By : Mahesh Dadoda 12/24/2024



#2
Dichlorodifluoromethane
Concen: 48.084 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 85 Resp: 104302
Ion Ratio Lower Upper
85 100
87 33.7 15.4 46.4





#3

Chloromethane

Concen: 47.052 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 97601

Ion Ratio Lower Upper

50 100

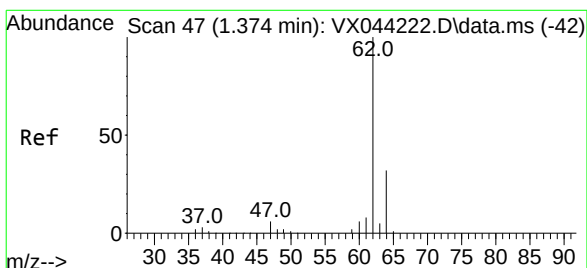
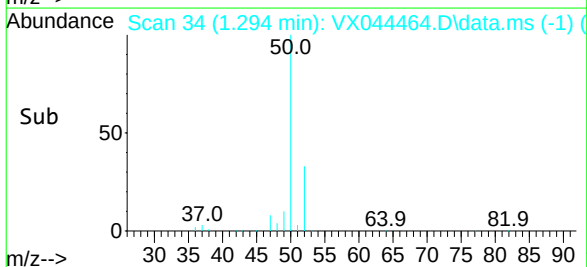
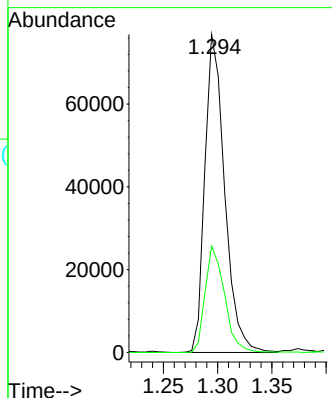
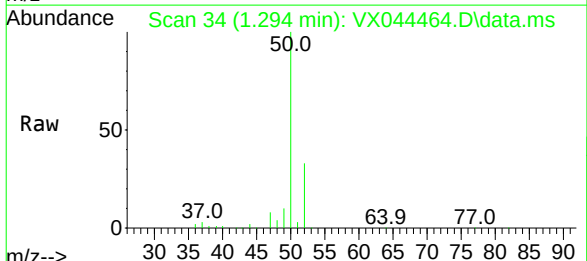
52 33.5 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/24/2024



#4

Vinyl Chloride

Concen: 47.388 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044464.D

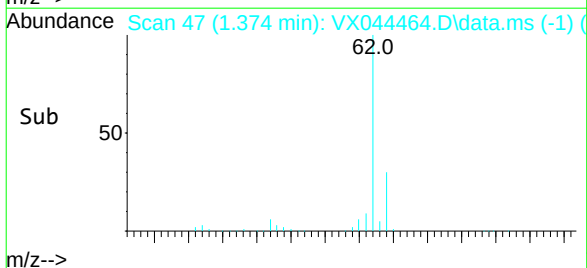
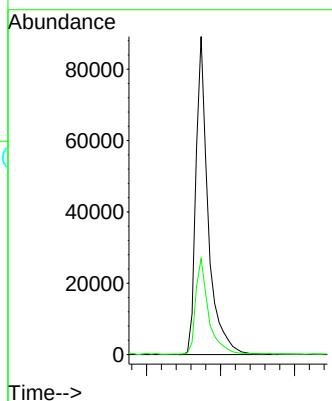
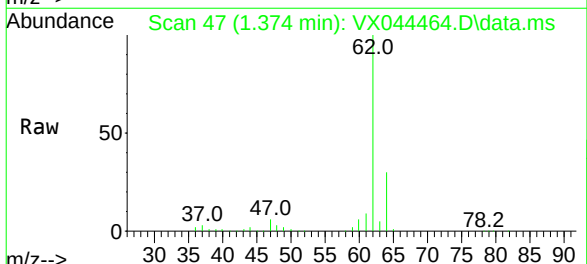
Acq: 20 Dec 2024 19:49

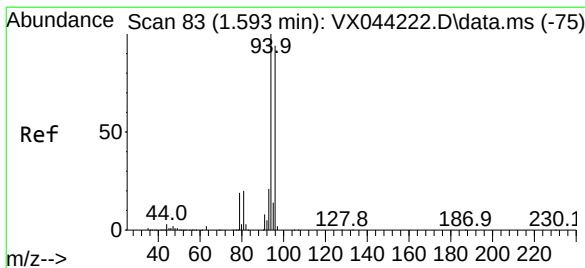
Tgt Ion: 62 Resp: 102407

Ion Ratio Lower Upper

62 100

64 30.0 25.7 38.5





#5

Bromomethane

Concen: 45.581 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 69880

Ion Ratio Lower Upper

94 100

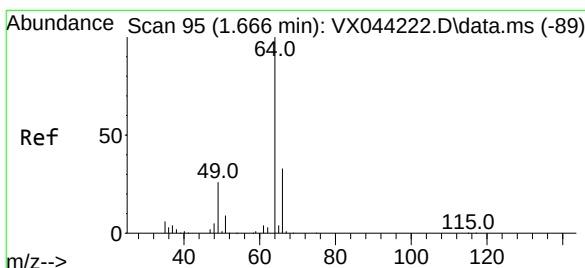
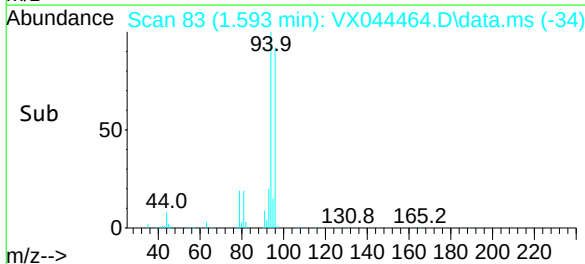
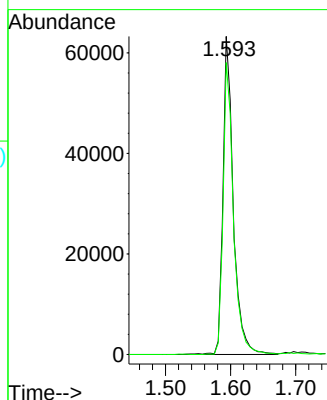
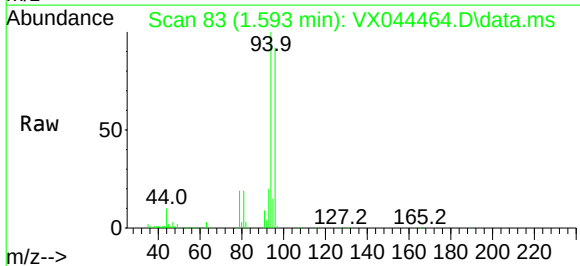
96 91.7 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 52.848 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044464.D

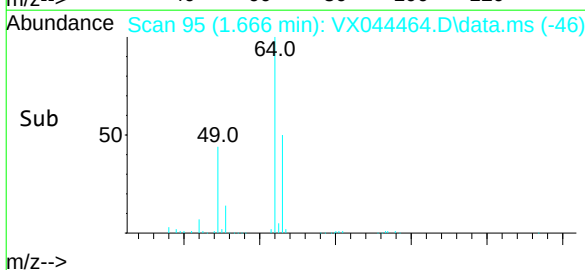
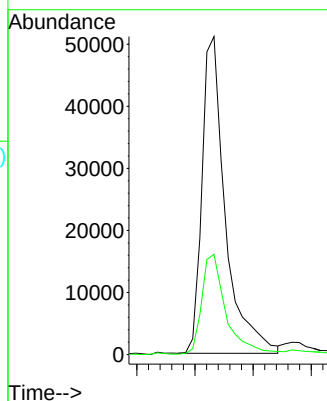
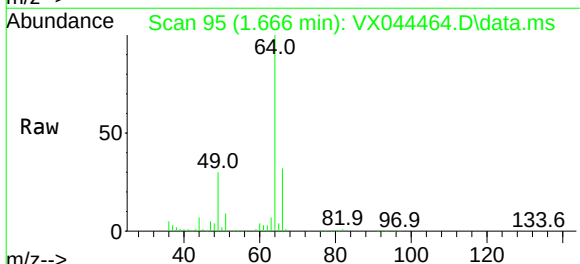
Acq: 20 Dec 2024 19:49

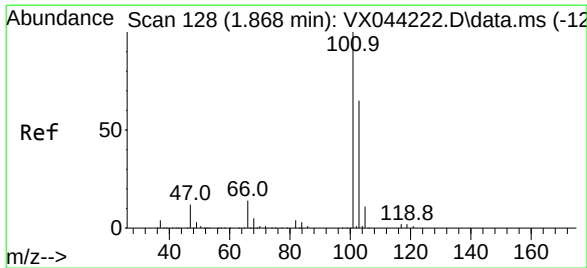
Tgt Ion: 64 Resp: 71114

Ion Ratio Lower Upper

64 100

66 31.5 26.6 39.8





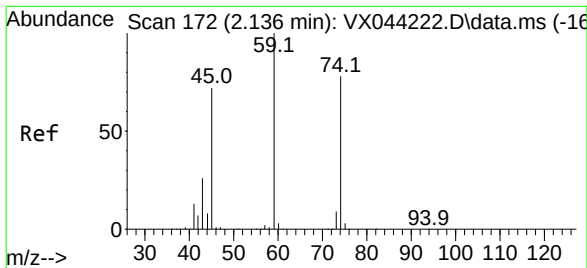
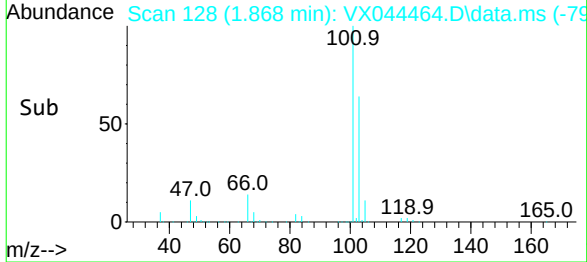
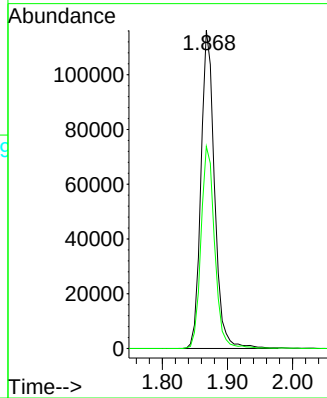
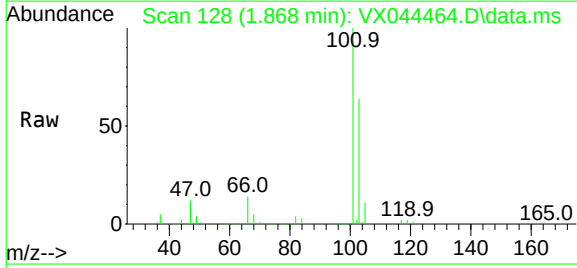
#7
Trichlorofluoromethane
Concen: 39.855 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 168610
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.8

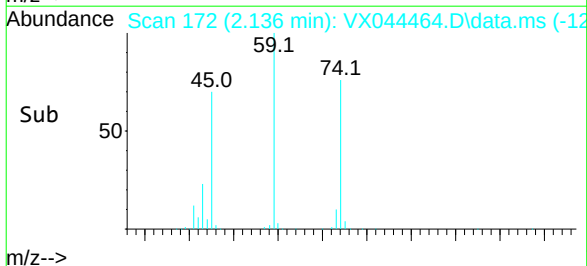
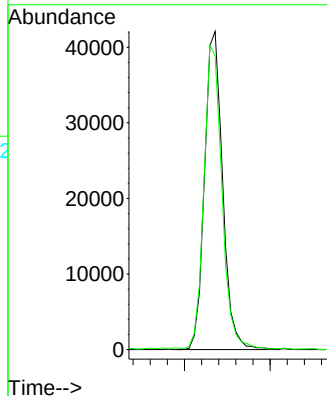
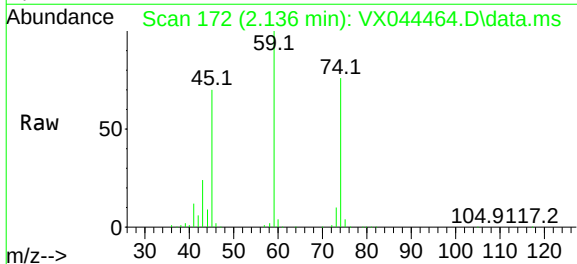
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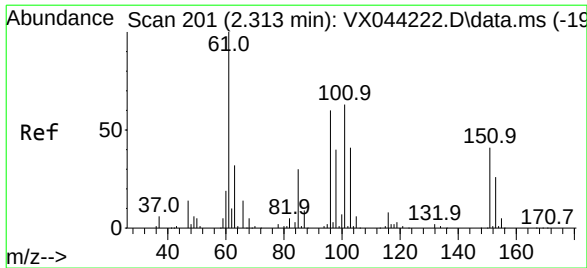
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#8
Diethyl Ether
Concen: 42.687 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044464.D
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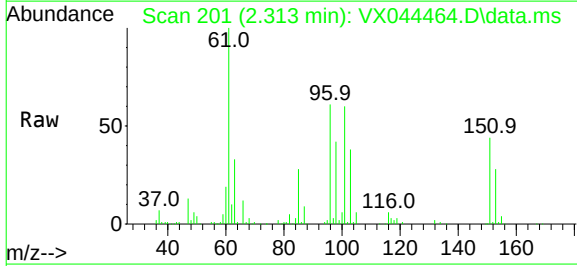
Tgt Ion: 74 Resp: 61643
Ion Ratio Lower Upper
74 100
45 94.9 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.311 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044464.D
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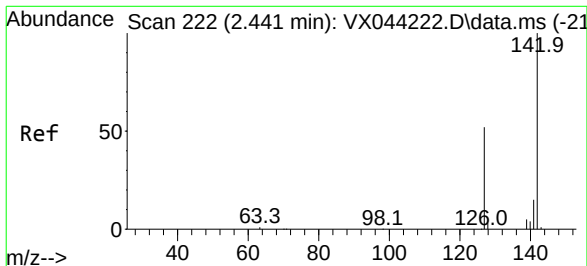
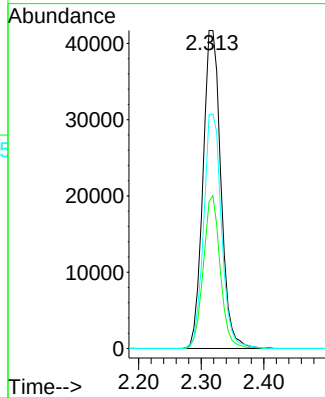
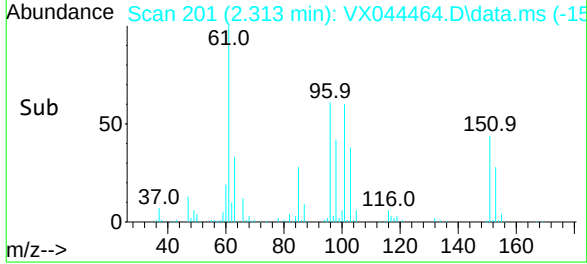
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 82704
Ion Ratio Lower Upper
101 100
85 45.4 38.5 57.7
151 73.6 55.8 83.6

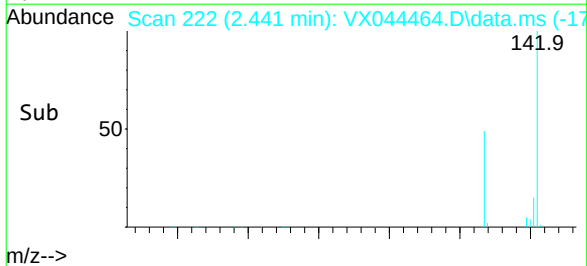
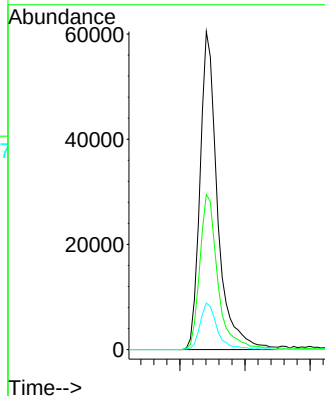
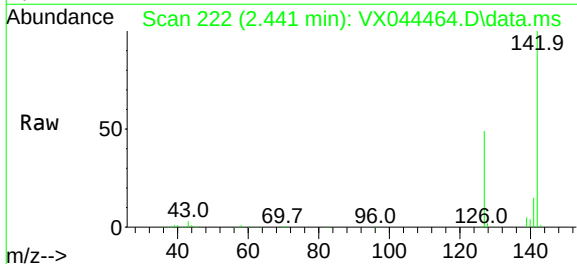
Manual Integrations
APPROVED

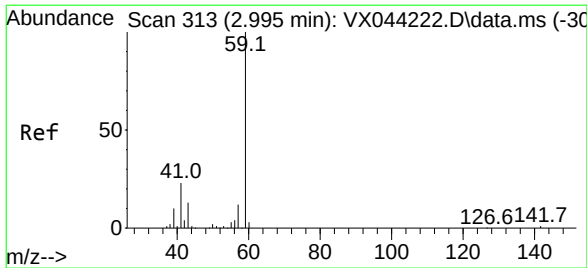
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#10
Methyl Iodide
Concen: 50.177 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:142 Resp: 113213
Ion Ratio Lower Upper
142 100
127 50.5 41.8 62.8
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 205.778 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 71333

Ion Ratio Lower Upper

59 100

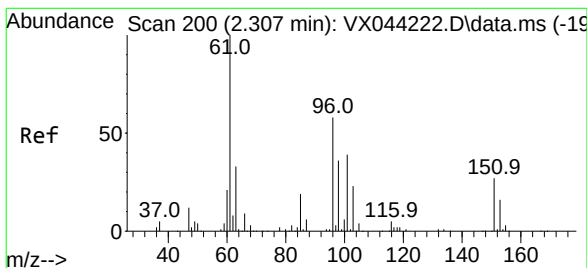
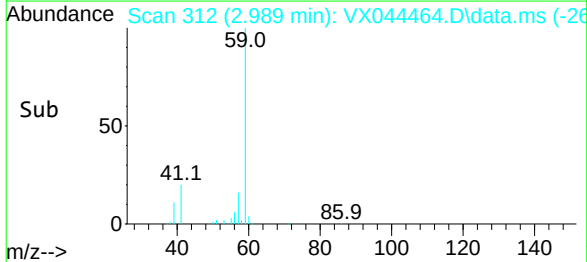
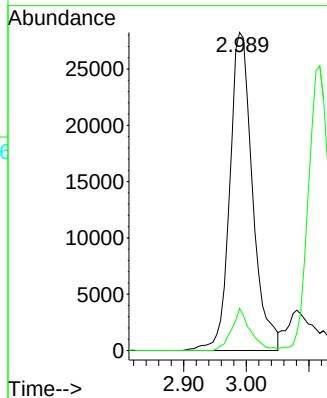
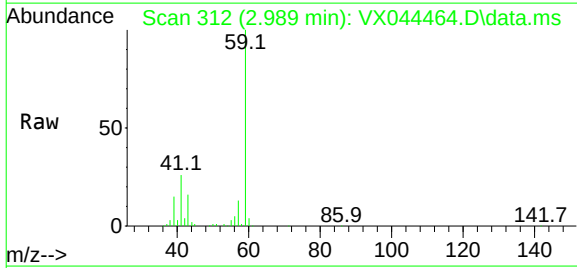
57 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#12

1,1-Dichloroethene

Concen: 50.001 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

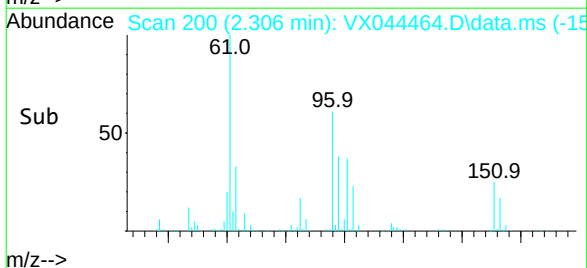
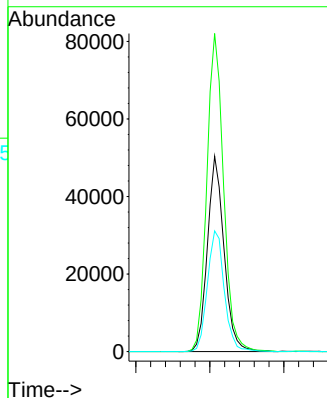
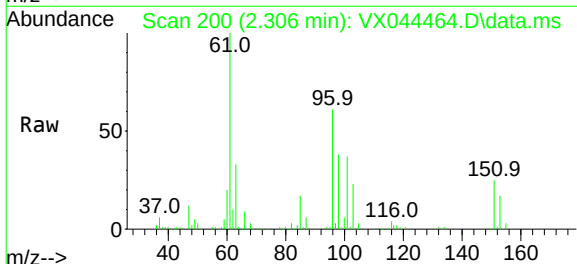
Tgt Ion: 96 Resp: 78622

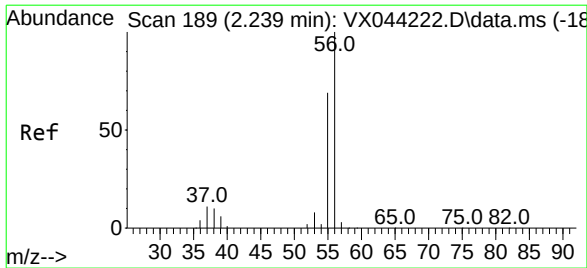
Ion Ratio Lower Upper

96 100

61 162.8 138.0 207.0

98 61.8 50.0 75.0





#13

Acrolein

Concen: 222.774 ug/l

RT: 2.239 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 111786

Ion Ratio Lower Upper

56 100

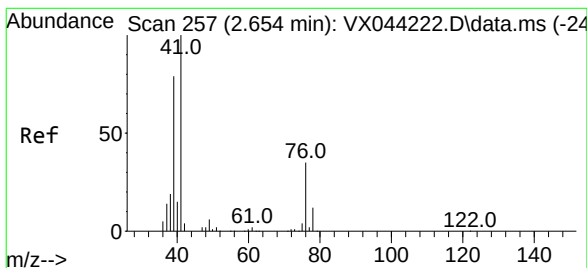
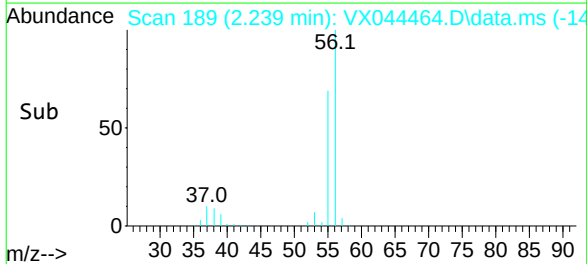
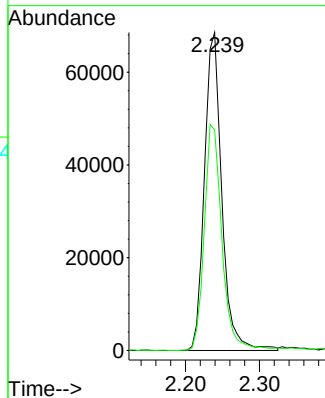
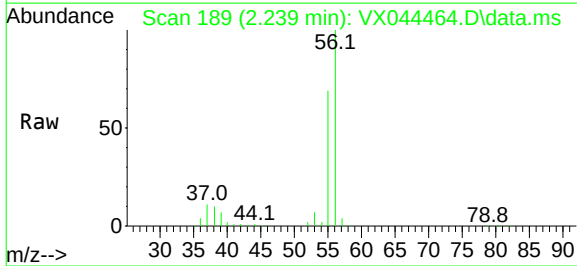
55 72.3 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#14

Allyl chloride

Concen: 47.541 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

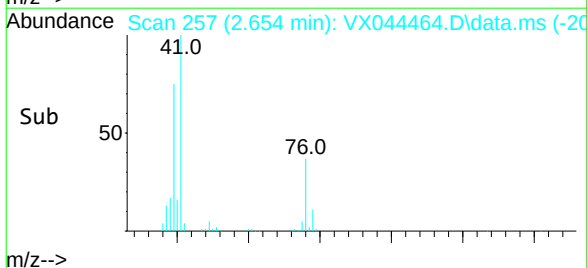
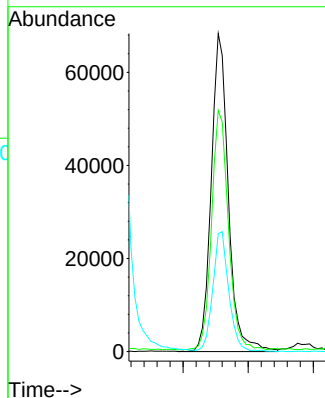
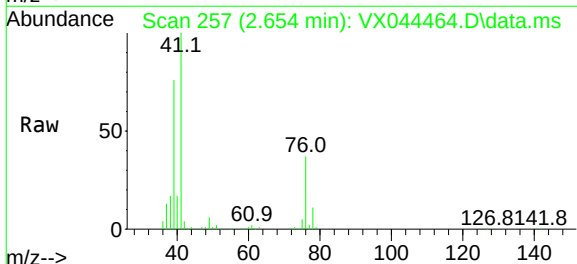
Tgt Ion: 41 Resp: 124514

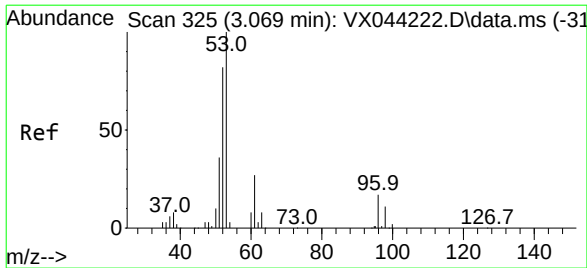
Ion Ratio Lower Upper

41 100

39 74.1 61.9 92.9

76 35.4 27.4 41.2





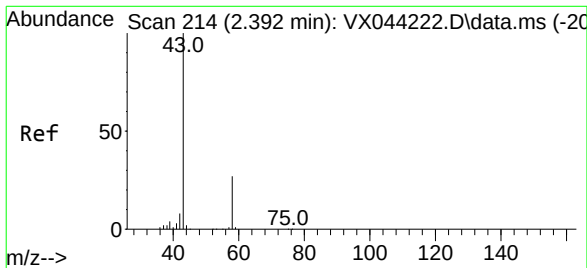
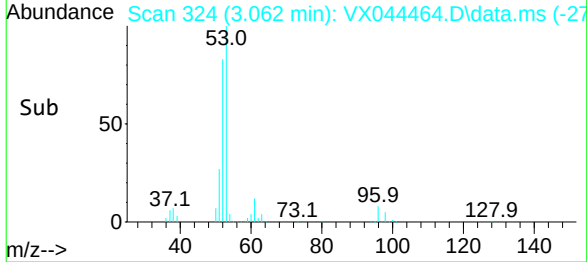
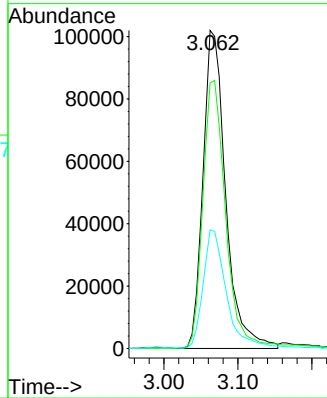
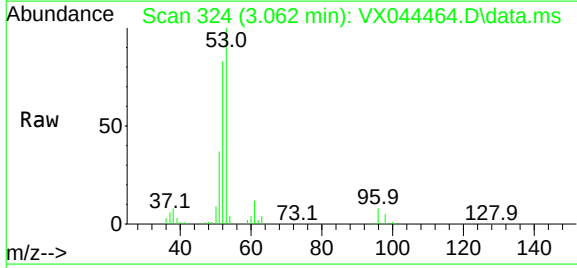
#15
Acrylonitrile
Concen: 226.182 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 217189
Ion Ratio Lower Upper
53 100
52 86.6 67.4 101.0
51 38.5 30.3 45.5

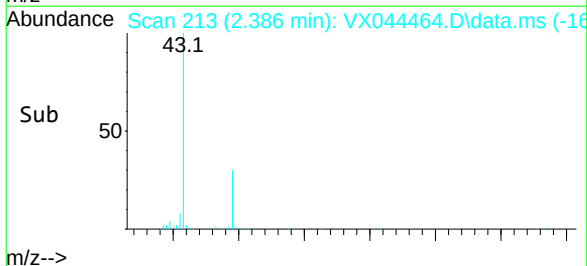
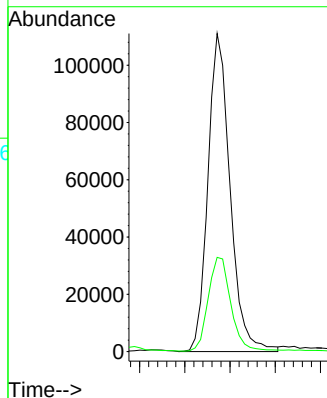
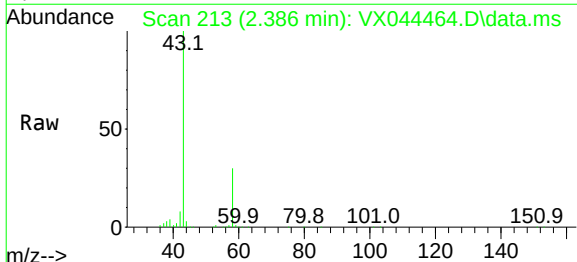
Manual Integrations
APPROVED

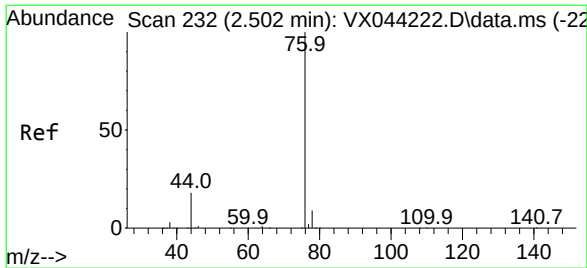
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#16
Acetone
Concen: 188.692 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 43 Resp: 189212
Ion Ratio Lower Upper
43 100
58 29.4 21.6 32.4





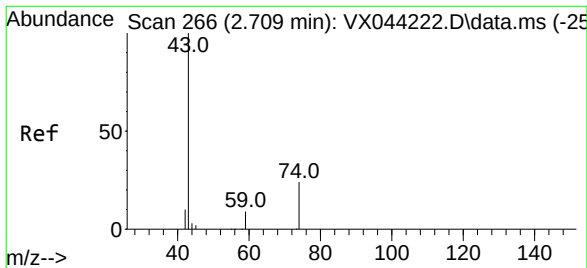
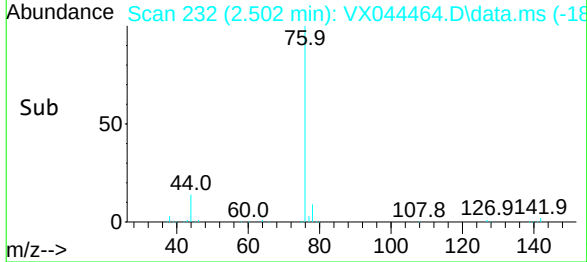
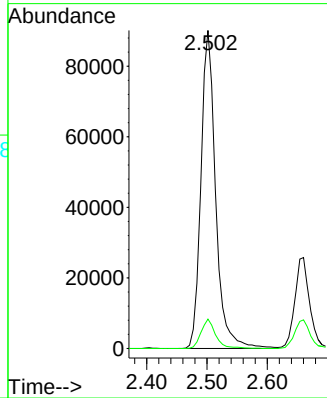
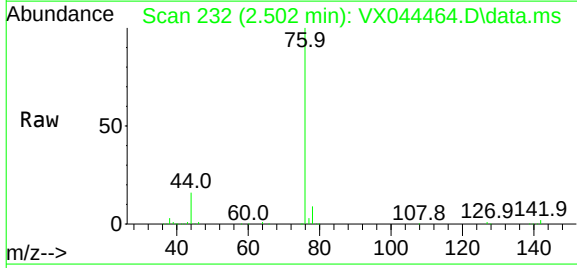
#17
Carbon Disulfide
Concen: 51.130 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 152826
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

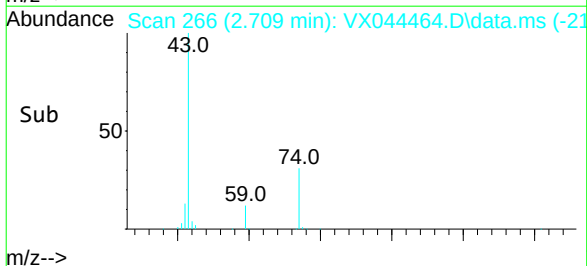
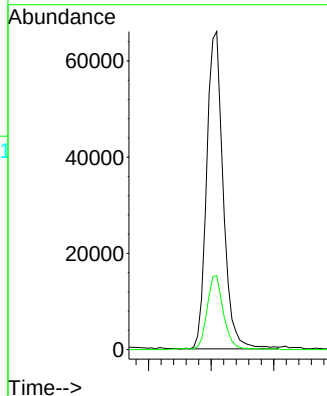
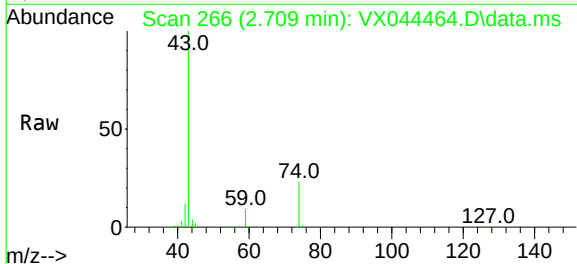
Manual Integrations
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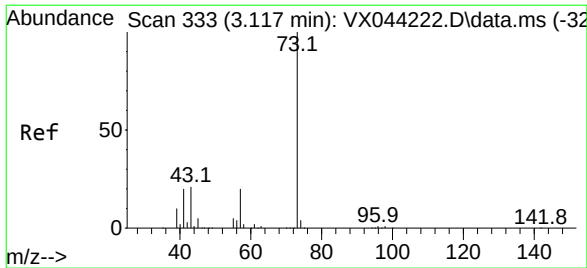
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#18
Methyl Acetate
Concen: 46.678 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 43 Resp: 120686
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





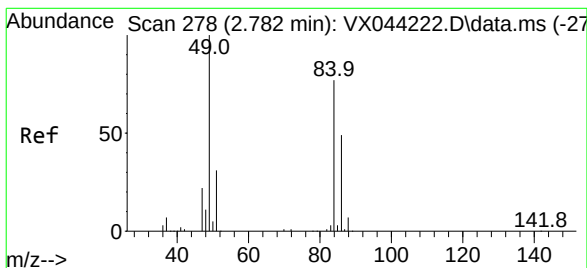
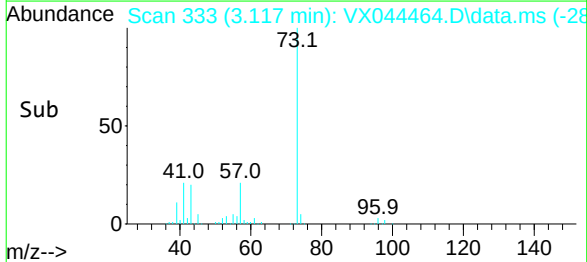
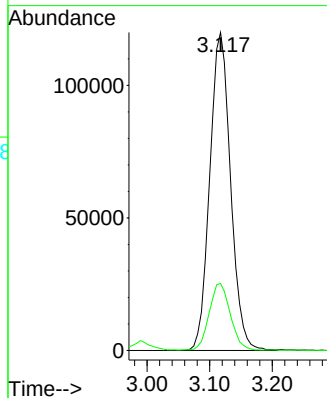
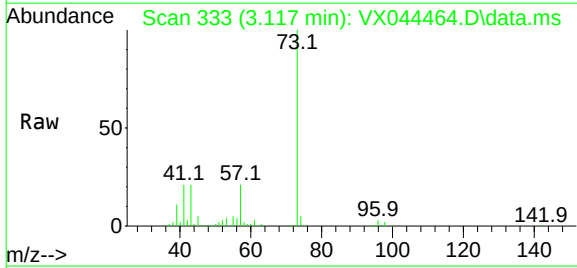
#19
Methyl tert-butyl Ether
Concen: 45.089 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 276668
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4

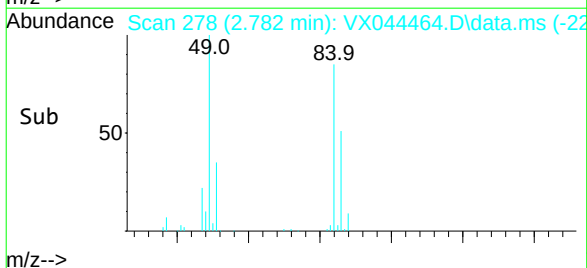
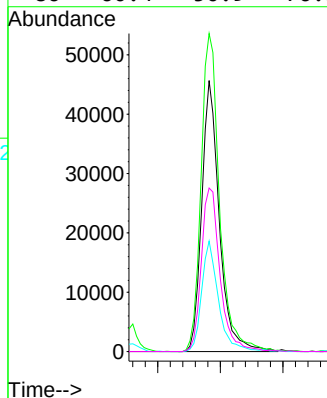
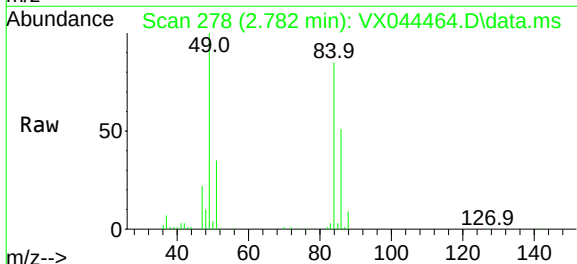
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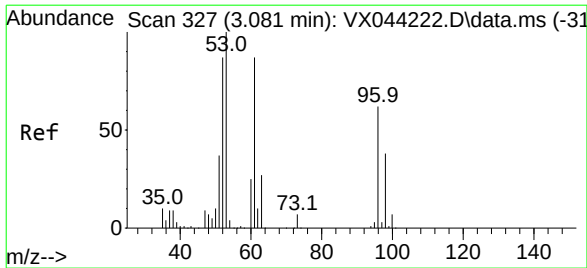
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#20
Methylene Chloride
Concen: 47.401 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

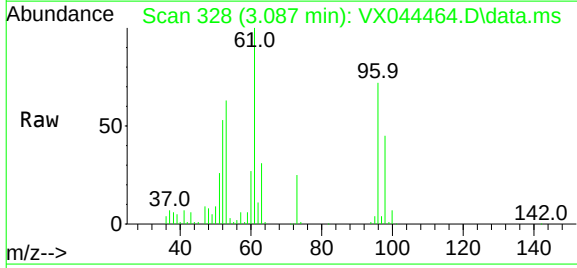
Tgt Ion: 84 Resp: 89276
Ion Ratio Lower Upper
84 100
49 117.4 104.2 156.4
51 40.8 32.2 48.4
86 60.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 48.517 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

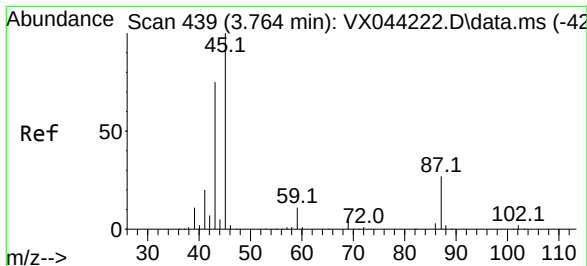
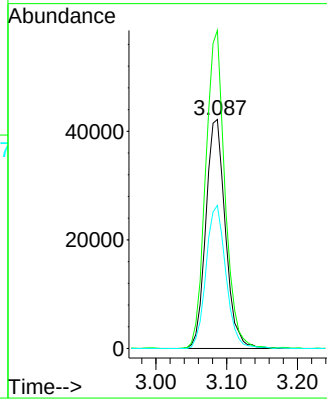
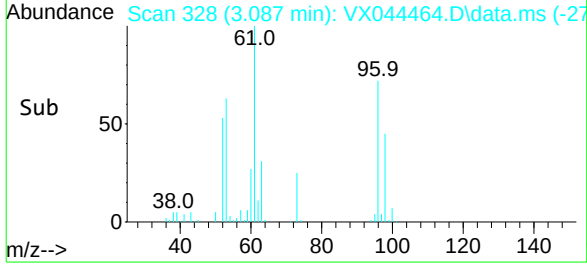
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 81078
Ion Ratio Lower Upper
96 100
61 138.9 112.0 168.0
98 62.4 48.8 73.2

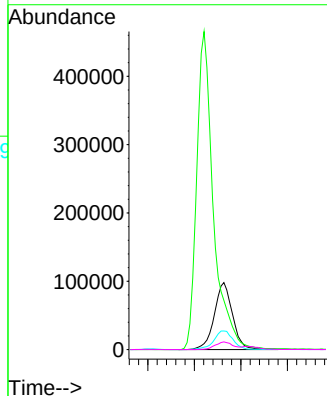
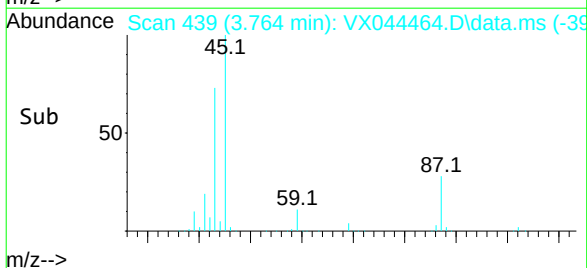
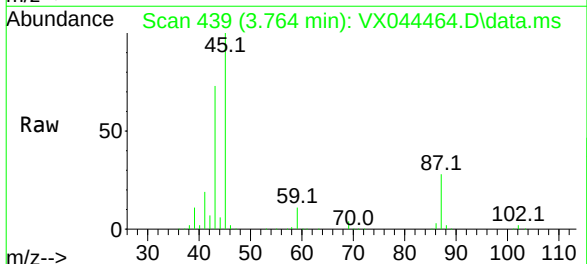
Manual Integrations
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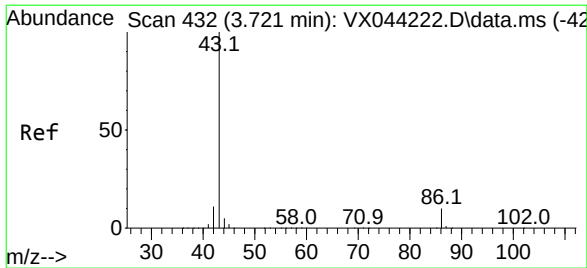
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#22
Diisopropyl ether
Concen: 45.018 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 45 Resp: 265503
Ion Ratio Lower Upper
45 100
43 73.3 60.2 90.2
87 27.7 21.2 31.8
59 11.5 8.9 13.3





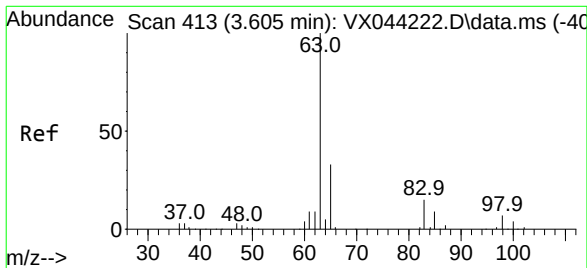
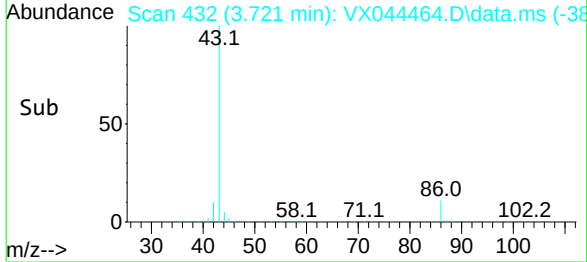
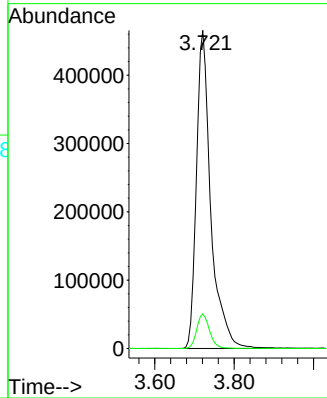
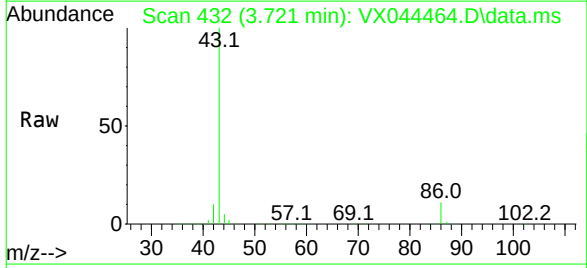
#23
 Vinyl Acetate
 Concen: 243.510 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1167584
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2

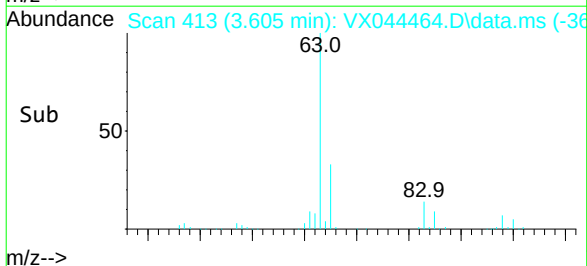
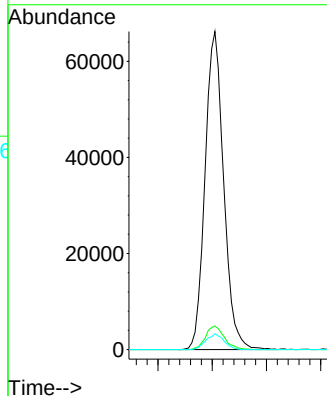
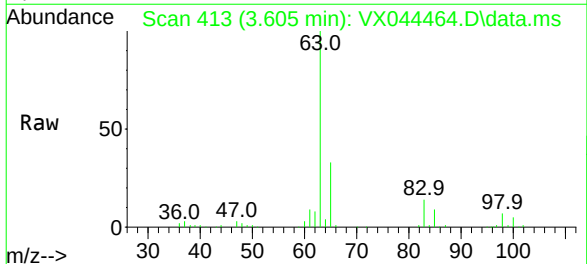
Manual Integrations
 APPROVED

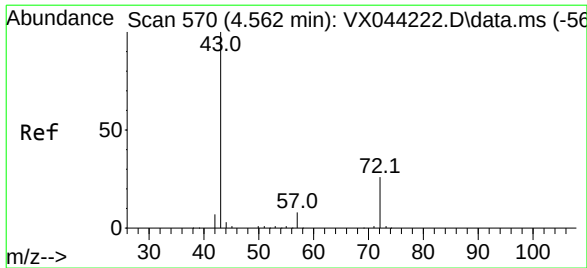
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024



#24
 1,1-Dichloroethane
 Concen: 48.018 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Tgt Ion: 63 Resp: 157858
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.0 2.1 6.3





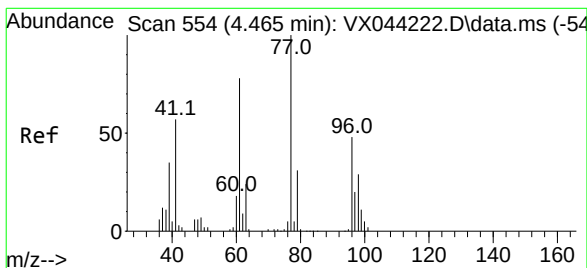
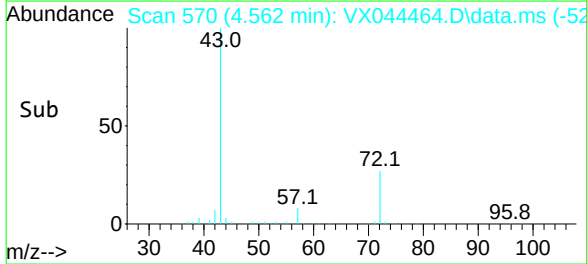
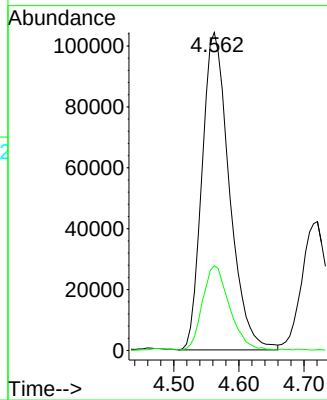
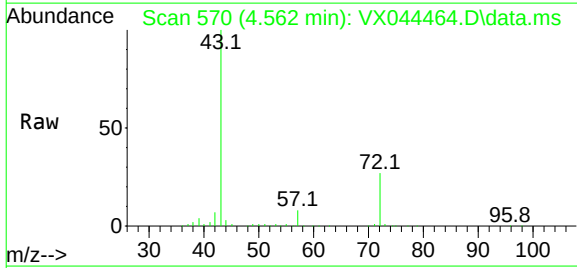
#25
2-Butanone
Concen: 213.237 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 303982
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4

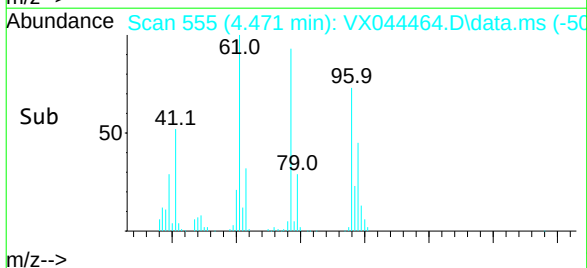
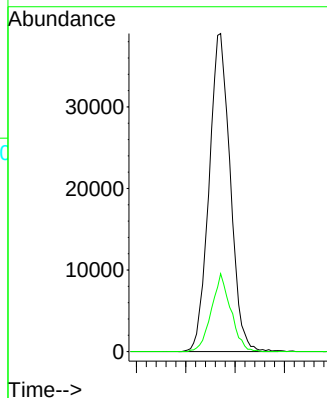
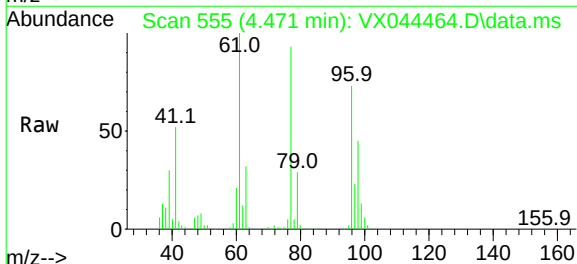
Manual Integrations
APPROVED

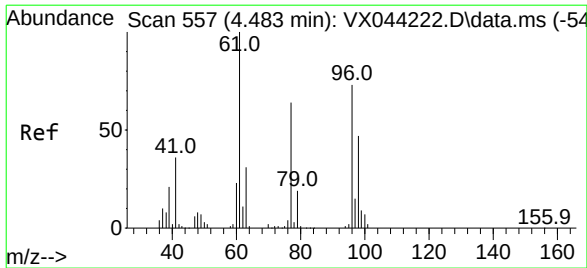
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#26
2,2-Dichloropropane
Concen: 43.513 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

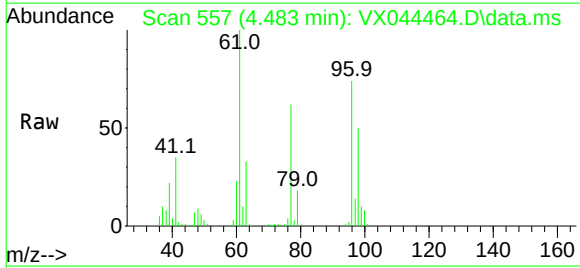
Tgt Ion: 77 Resp: 116211
Ion Ratio Lower Upper
77 100
97 22.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.511 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

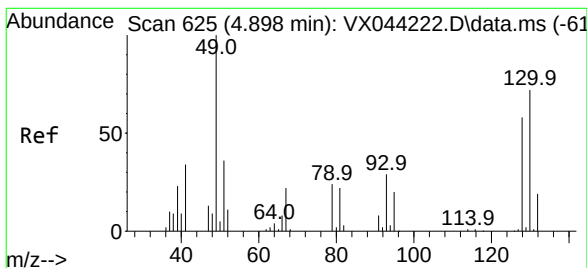
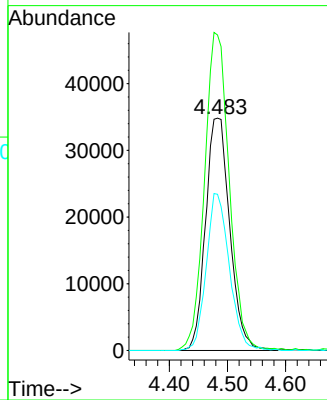
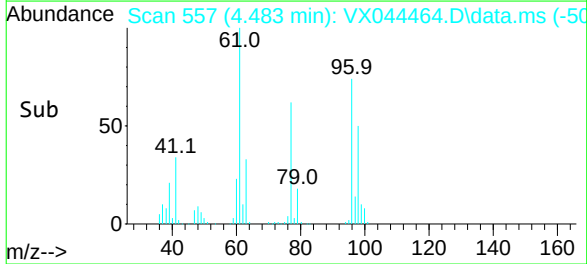
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



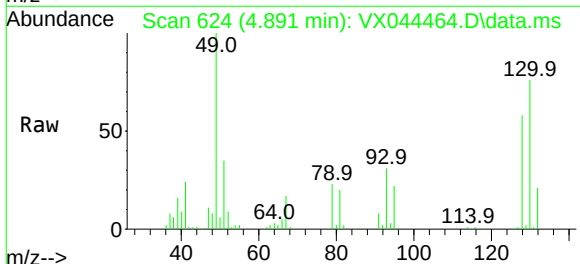
Tgt Ion: 96 Resp: 100836
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 299.0
 98 64.5 0.0 129.0

Manual Integrations
 APPROVED

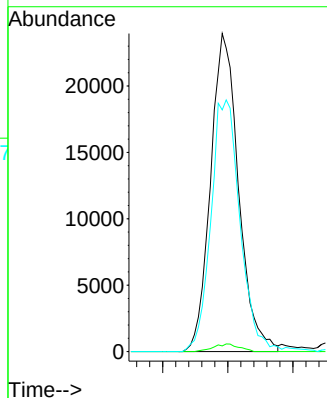
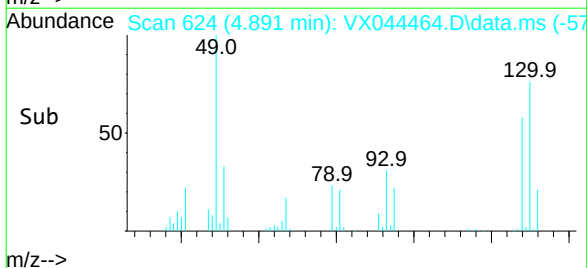
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

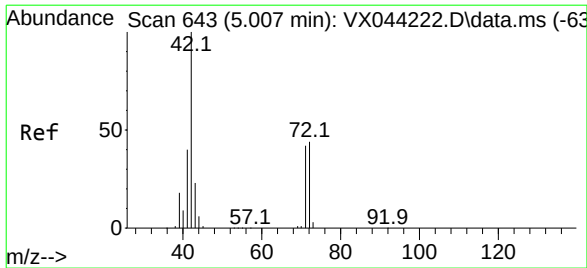


#28
 Bromochloromethane
 Concen: 44.369 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49



Tgt Ion: 49 Resp: 71526
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 82.1 62.1 93.1





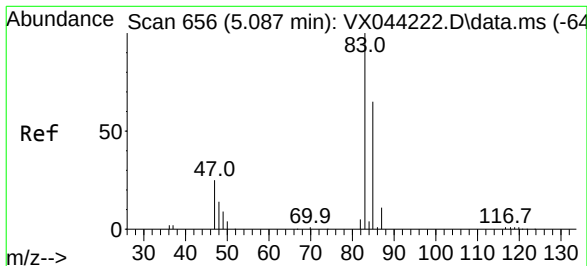
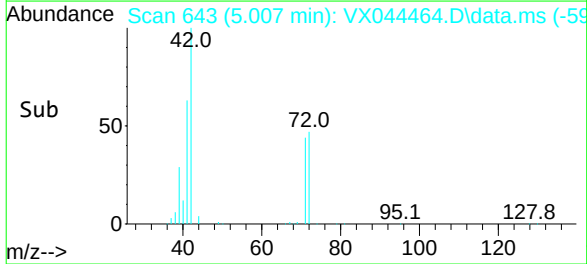
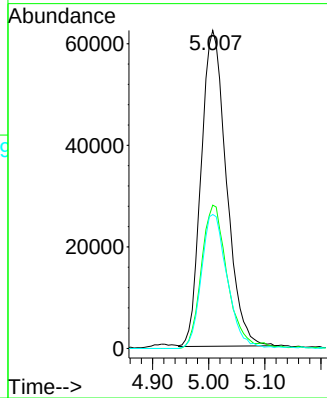
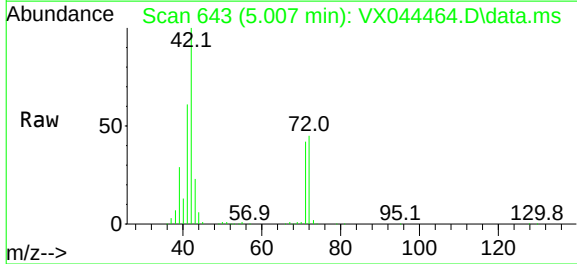
#29
Tetrahydrofuran
Concen: 212.557 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 194494
Ion Ratio Lower Upper
42 100
72 46.1 37.0 55.6
71 43.4 33.6 50.4

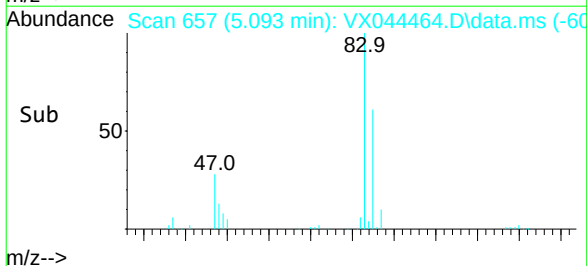
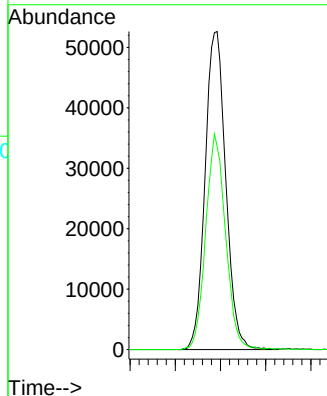
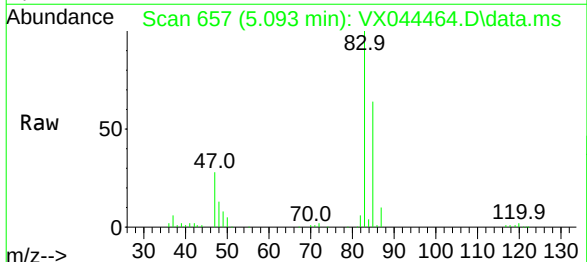
Manual Integrations
APPROVED

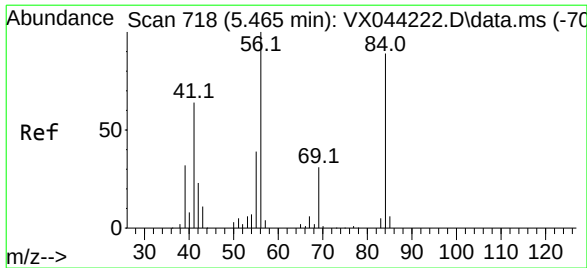
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#30
Chloroform
Concen: 45.189 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 83 Resp: 166909
Ion Ratio Lower Upper
83 100
85 63.9 51.6 77.4





#31

Cyclohexane

Concen: 46.033 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 122203

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

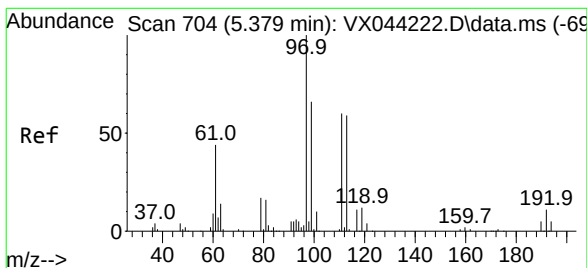
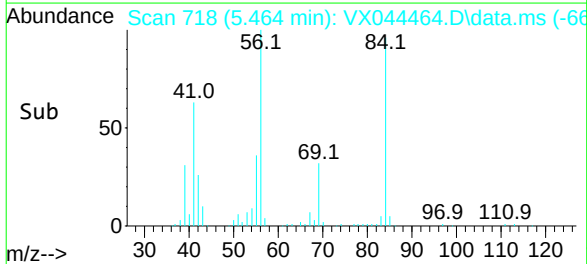
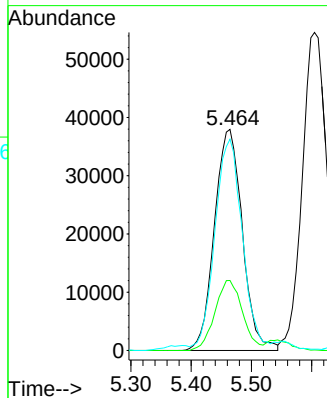
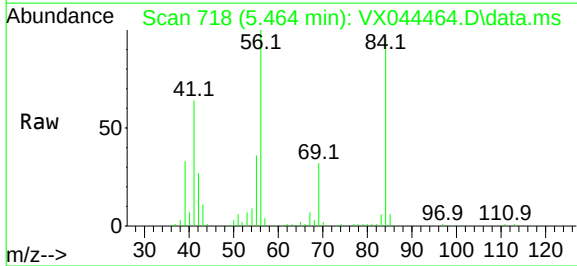
84 93.5 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#32

1,1,1-Trichloroethane

Concen: 47.095 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

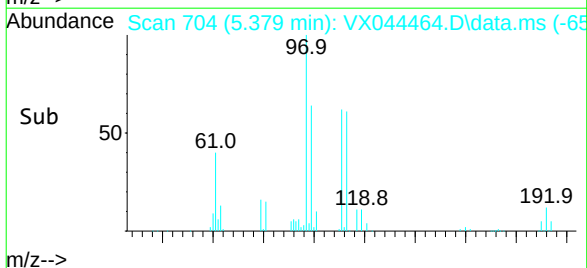
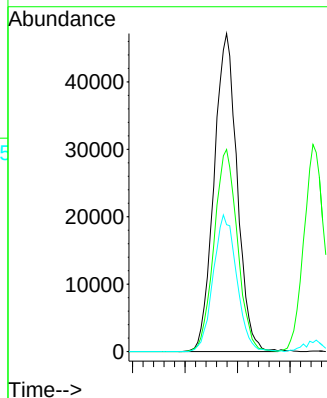
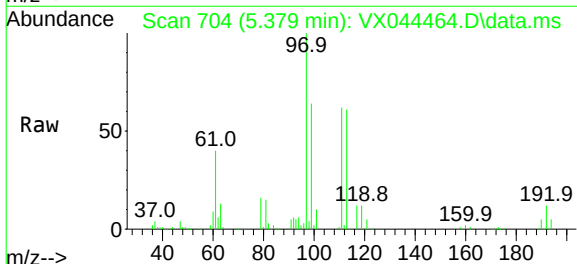
Tgt Ion: 97 Resp: 144394

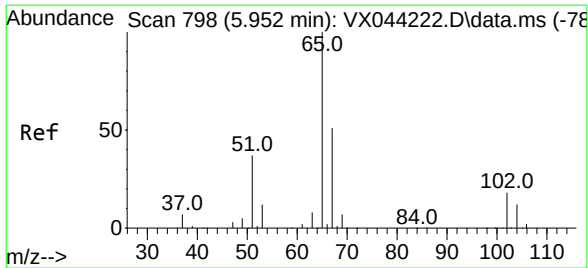
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 43.7 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 44.357 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

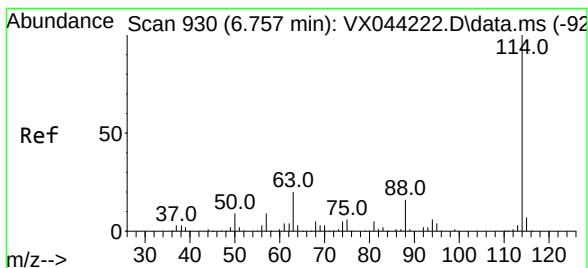
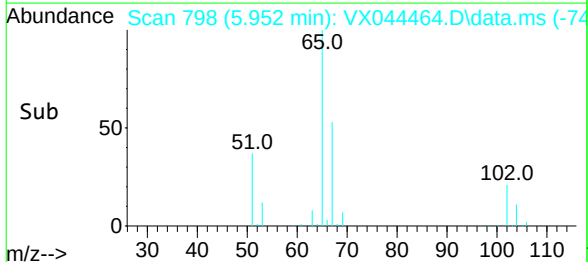
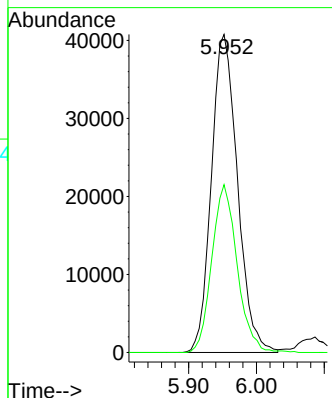
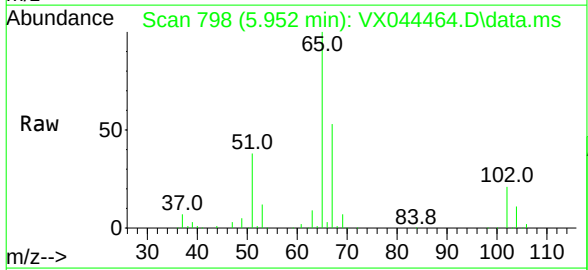
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 109103
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6

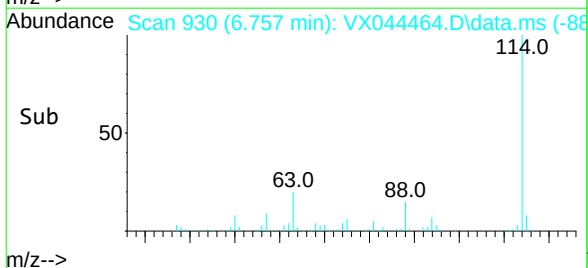
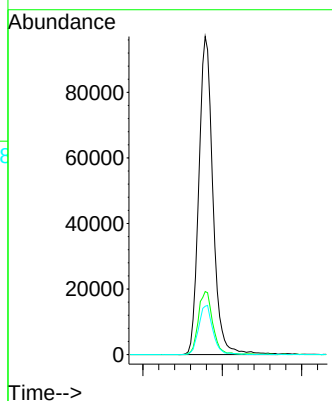
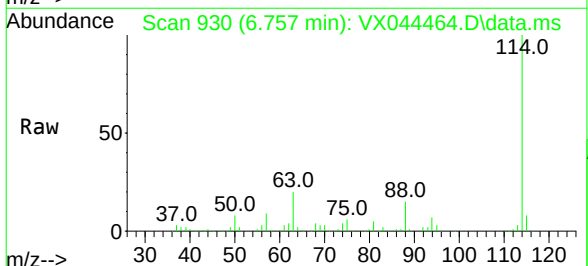
Manual Integrations
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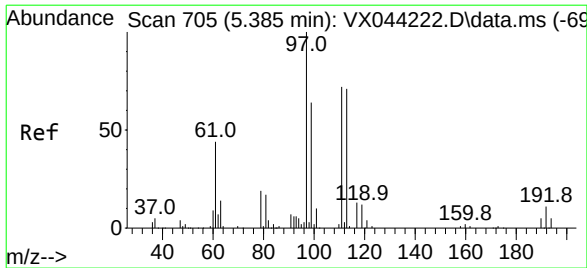
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Tgt Ion:114 Resp: 239068
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.347 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

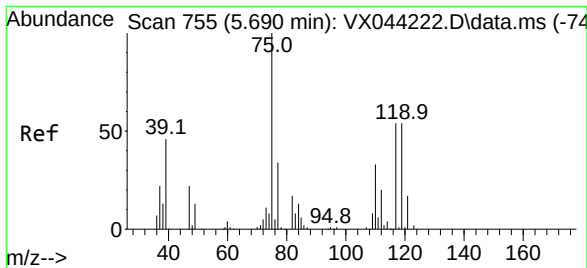
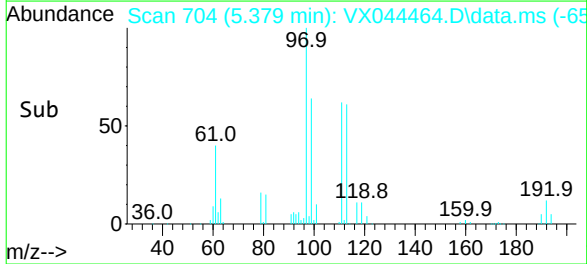
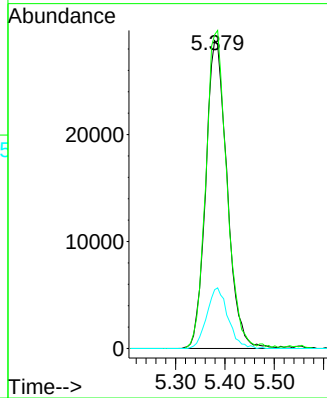
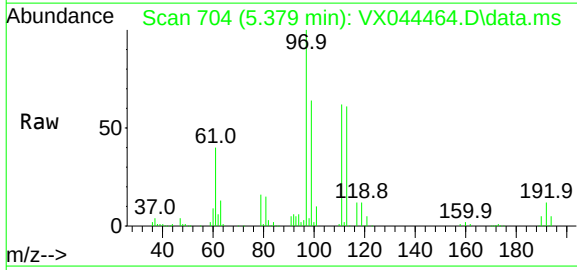
VSTDCCC050EC

Tgt Ion:	113	Resp:	86675
Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.4	120.6
192	19.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#36

1,1-Dichloropropene

Concen: 49.017 ug/l

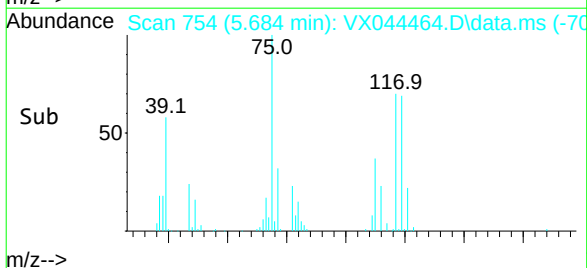
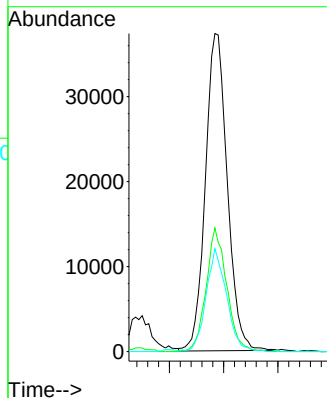
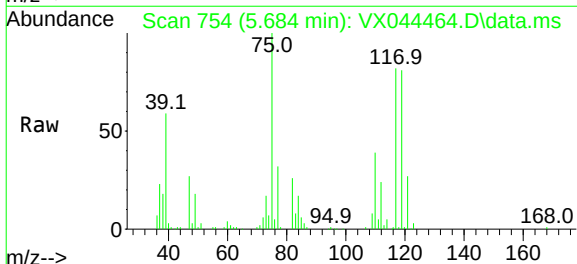
RT: 5.684 min Scan# 754

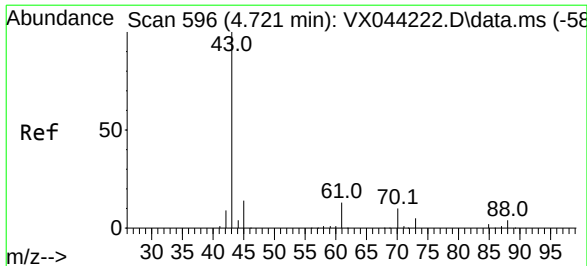
Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Tgt Ion:	75	Resp:	104911
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.3	51.7
77	30.4	25.4	38.0





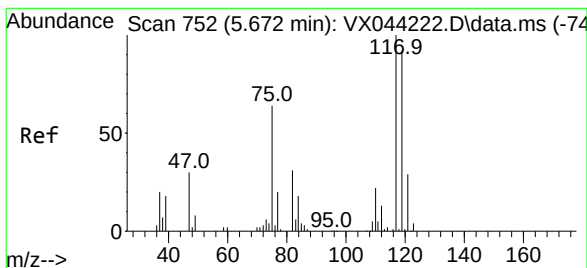
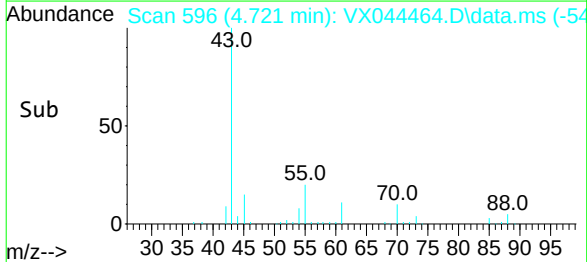
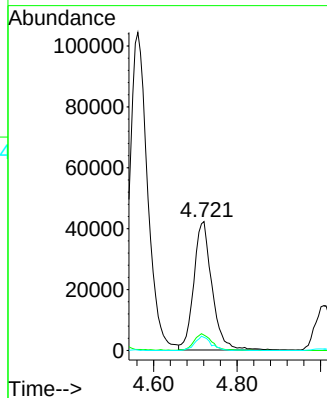
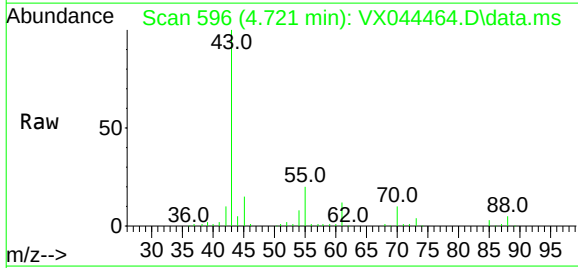
#37
Ethyl Acetate
Concen: 48.180 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 127468
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.8
70 9.7 7.7 11.5

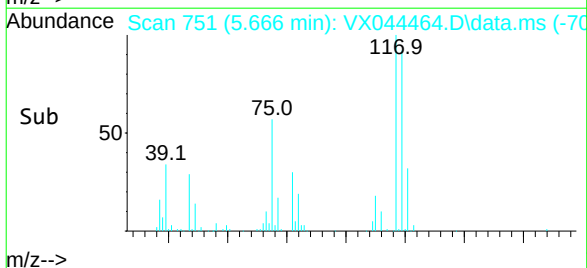
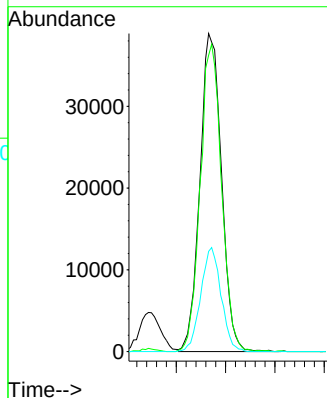
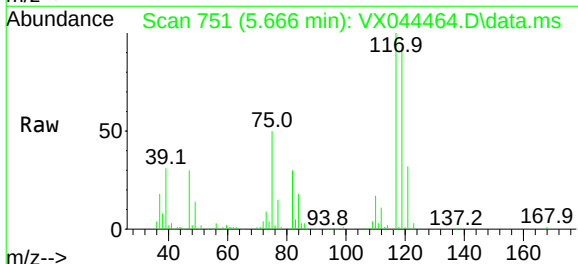
Manual Integrations
APPROVED

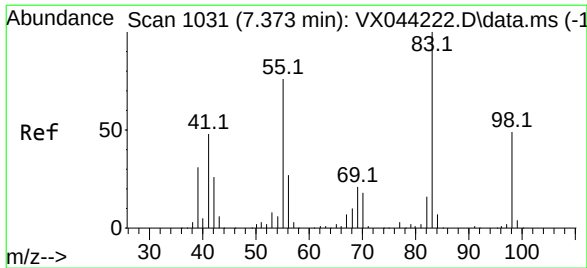
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#38
Carbon Tetrachloride
Concen: 51.365 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:117 Resp: 118357
Ion Ratio Lower Upper
117 100
119 93.0 74.2 111.4
121 31.5 23.0 34.6





#39
Methylcyclohexane
Concen: 51.370 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

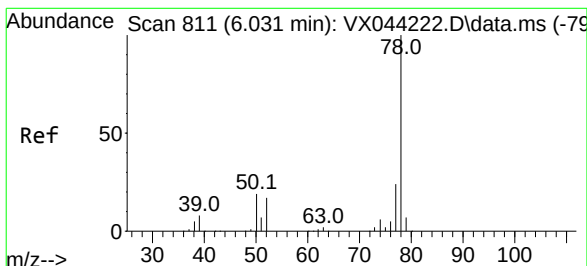
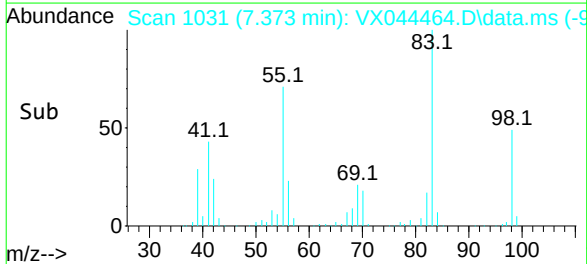
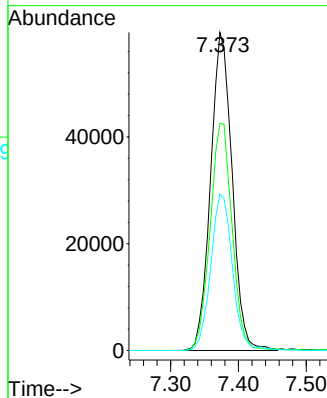
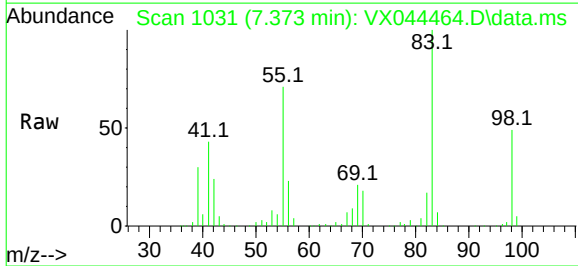
VSTDCCC050EC

Tgt Ion: 83 Resp: 131438
Ion Ratio Lower Upper
83 100
55 71.4 60.7 91.1
98 49.2 38.9 58.3

Manual Integrations

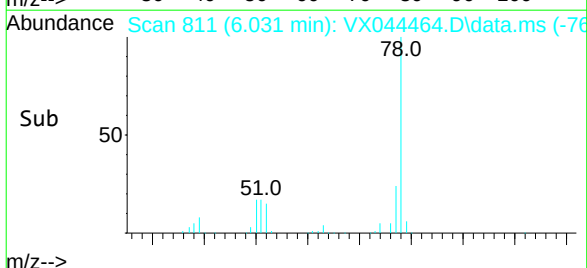
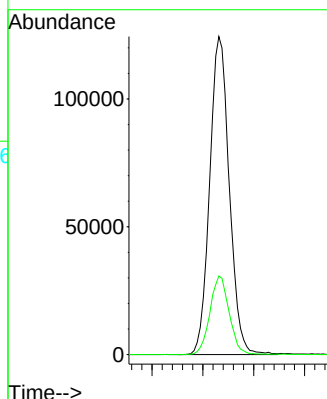
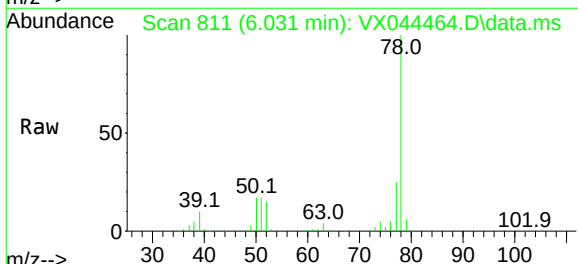
APPROVED

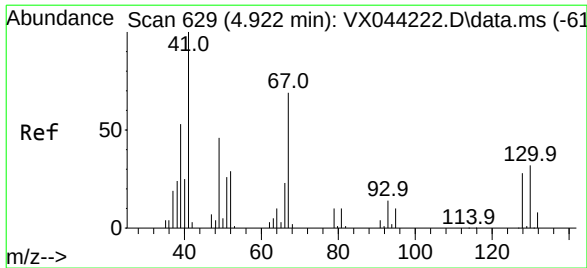
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#40
Benzene
Concen: 51.262 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 78 Resp: 333117
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 47.401 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

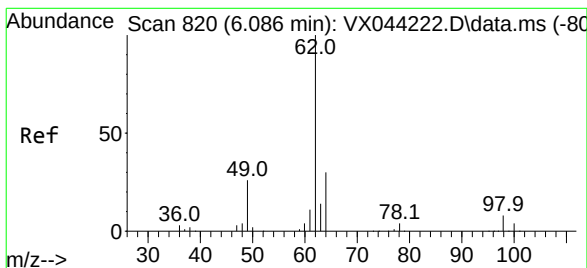
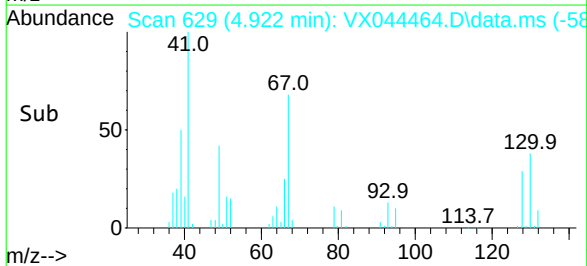
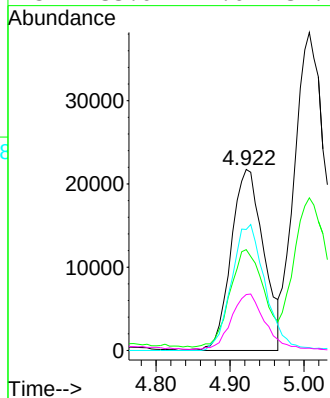
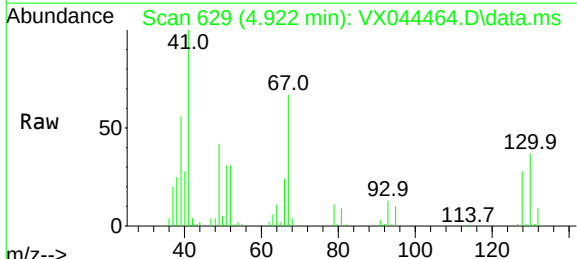
VSTDCCC050EC

Tgt Ion: 41	Resp: 66592
Ion Ratio	Lower Upper
41 100	
39 55.8	44.2 66.4
67 72.7	57.2 85.8
52 33.6	24.6 37.0

Manual Integrations

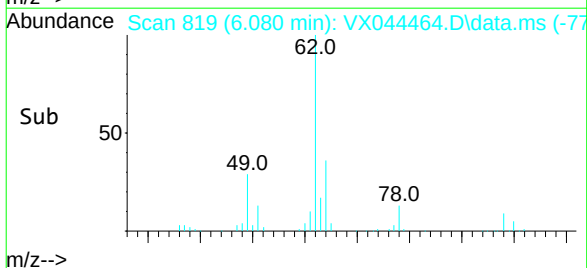
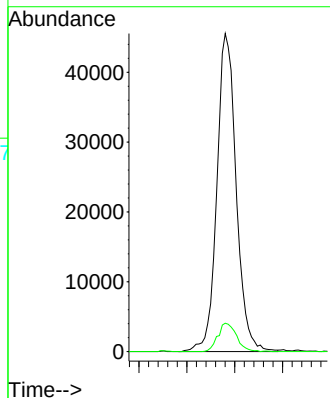
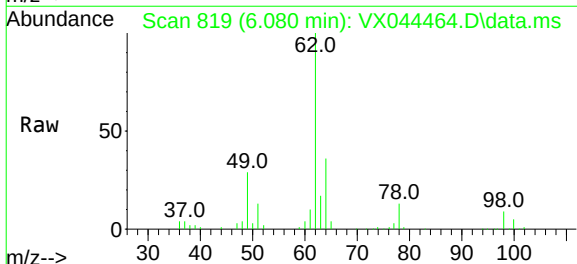
APPROVED

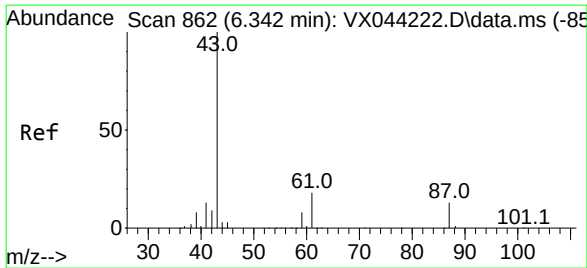
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#42
1,2-Dichloroethane
Concen: 47.680 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 62	Resp: 127634
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 15.8





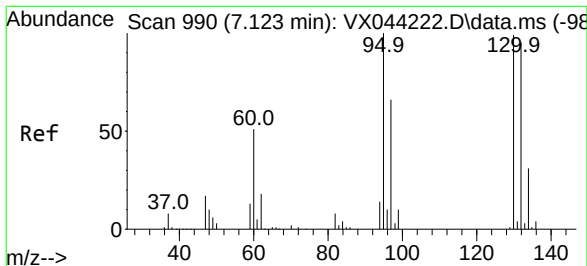
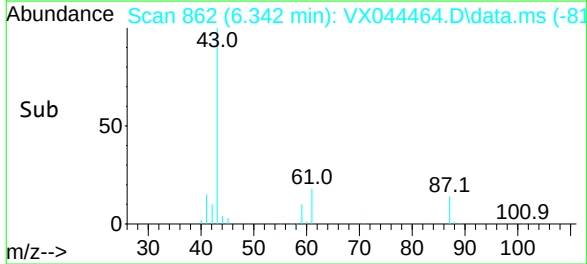
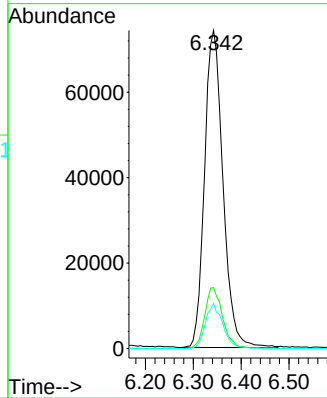
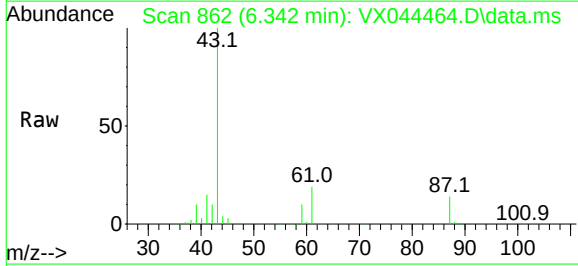
#43
Isopropyl Acetate
Concen: 48.047 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 198680
Ion Ratio Lower Upper
43 100
61 18.6 14.2 21.2
87 13.3 10.2 15.2

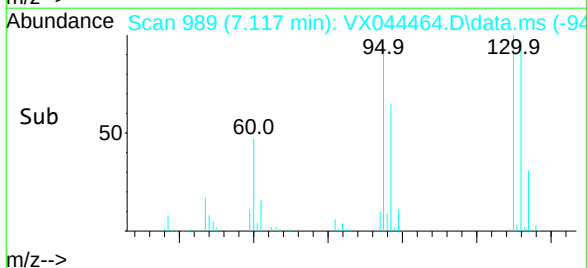
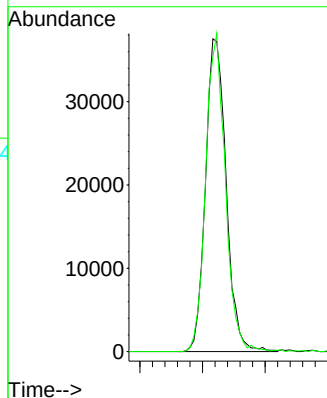
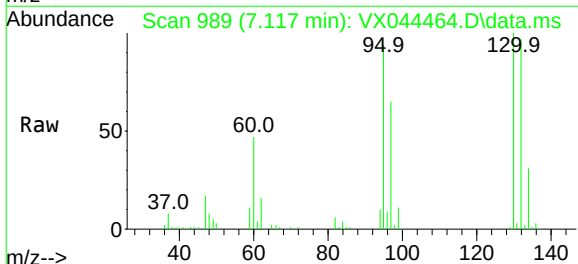
Manual Integrations
APPROVED

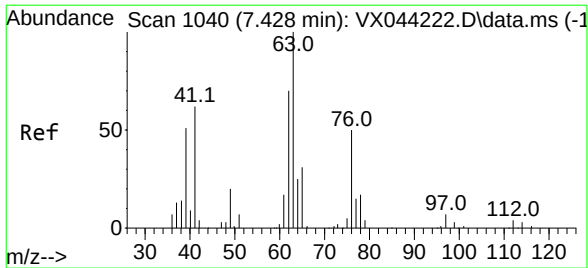
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#44
Trichloroethene
Concen: 53.083 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:130 Resp: 86021
Ion Ratio Lower Upper
130 100
95 94.1 0.0 201.4





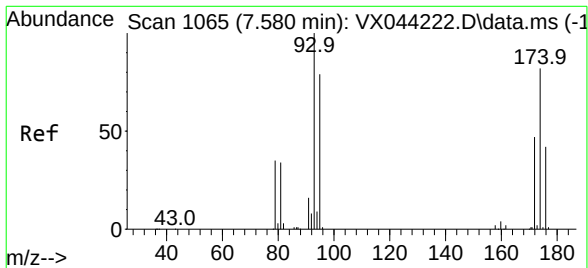
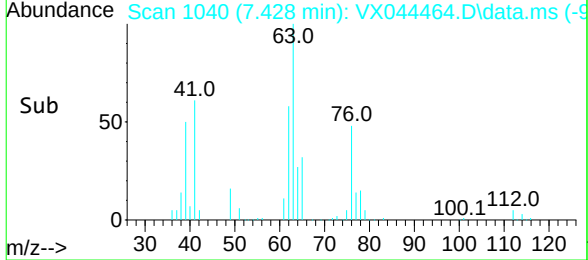
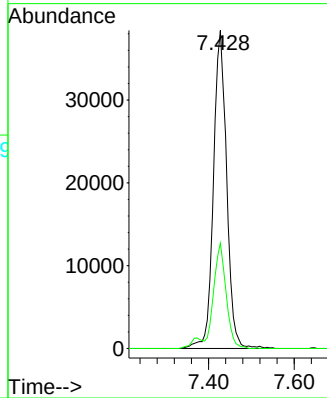
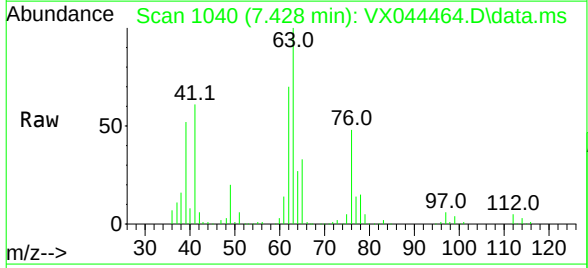
#45
1,2-Dichloropropane
Concen: 49.622 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 82383
Ion Ratio Lower Upper
63 100
65 33.1 24.6 37.0

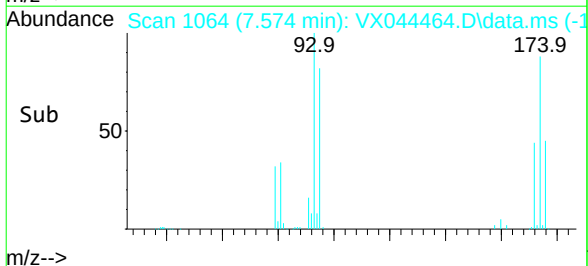
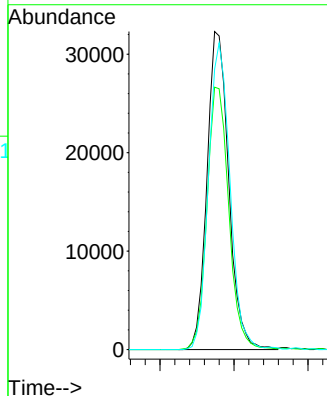
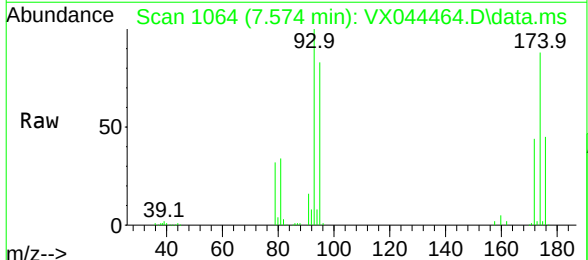
Manual Integrations
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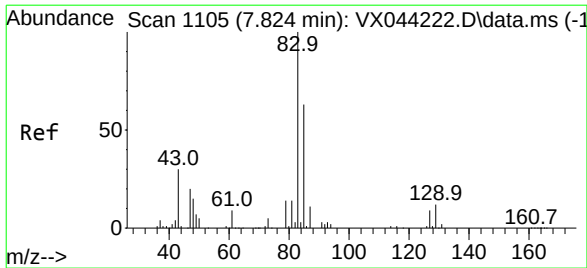
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#46
Dibromomethane
Concen: 51.184 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 93 Resp: 65924
Ion Ratio Lower Upper
93 100
95 82.6 65.4 98.2
174 95.5 67.9 101.9





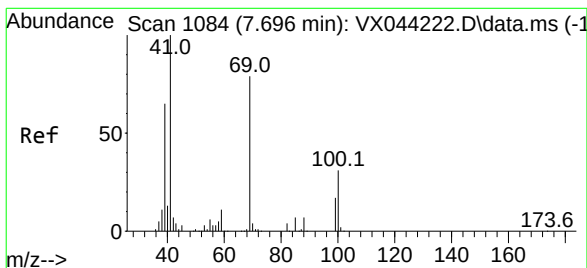
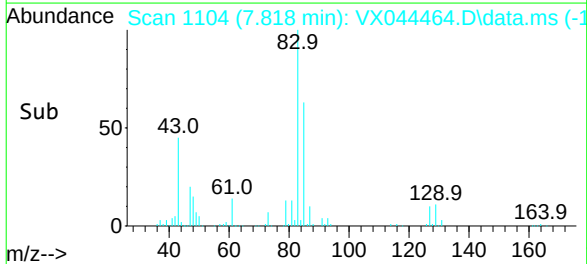
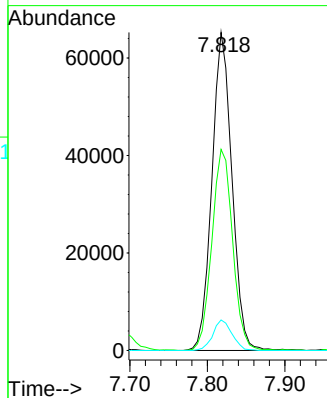
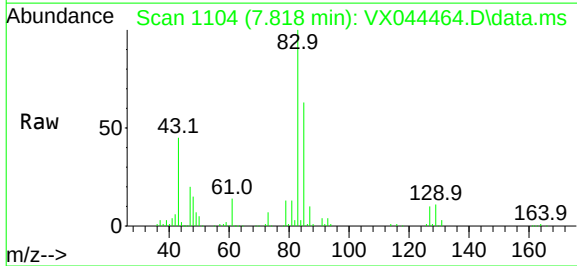
#47
Bromodichloromethane
Concen: 52.723 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 117278
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 9.6 7.3 10.9

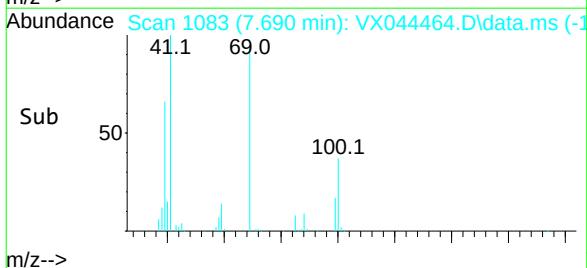
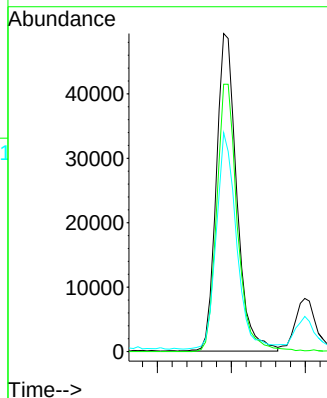
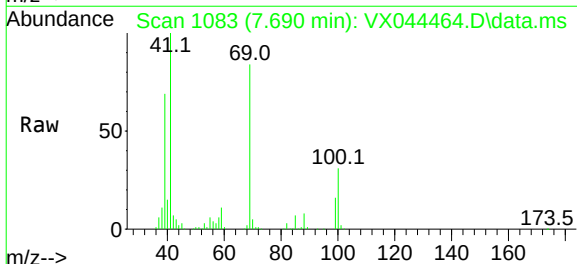
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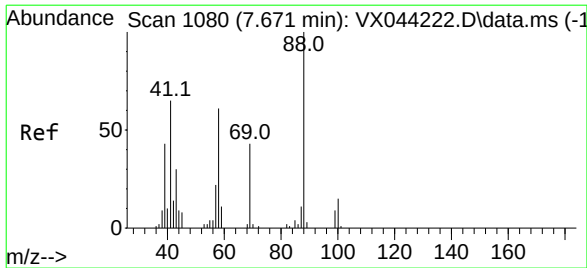
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#48
Methyl methacrylate
Concen: 47.115 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

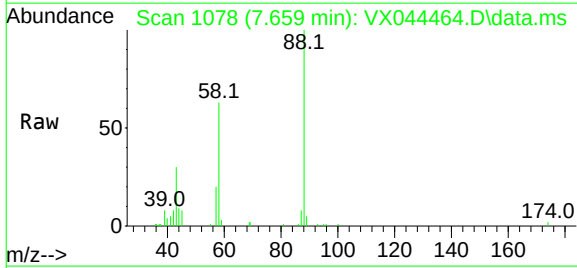
Tgt Ion: 41 Resp: 94575
Ion Ratio Lower Upper
41 100
69 84.6 62.4 93.6
39 66.9 53.3 79.9





#49
1,4-Dioxane
Concen: 1003.530 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

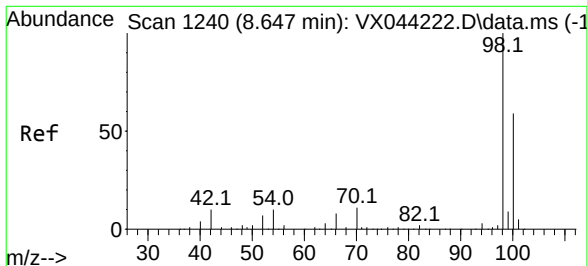
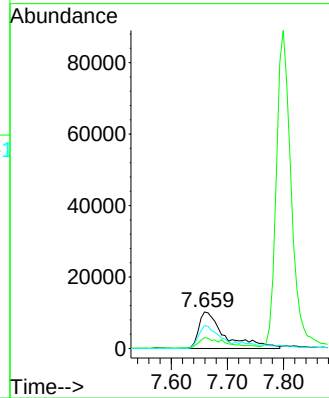
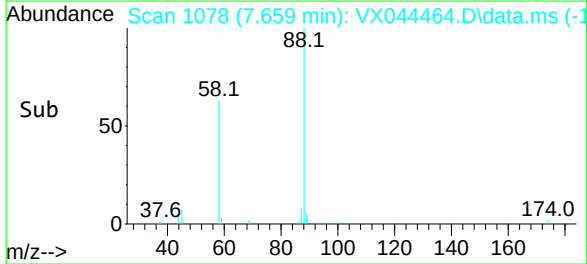
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33398
Ion Ratio Lower Upper
88 100
43 27.8 27.1 40.7
58 48.6 41.0 61.4

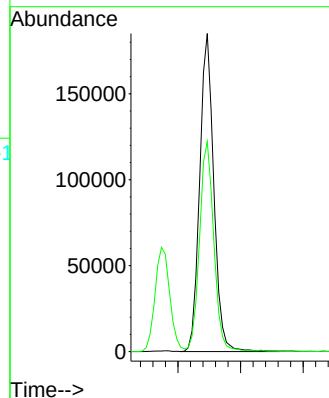
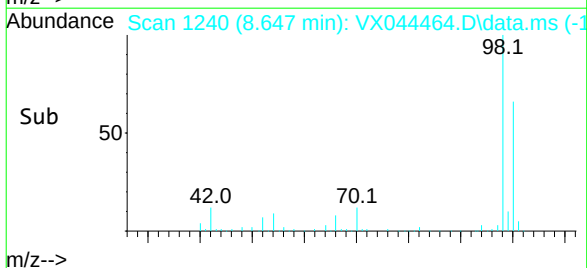
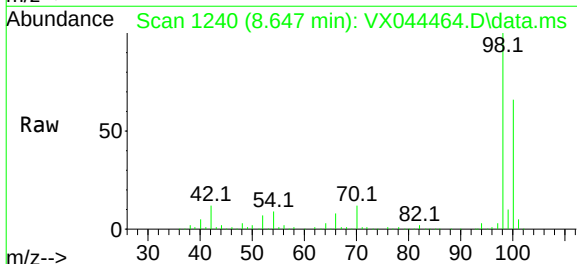
Manual Integrations
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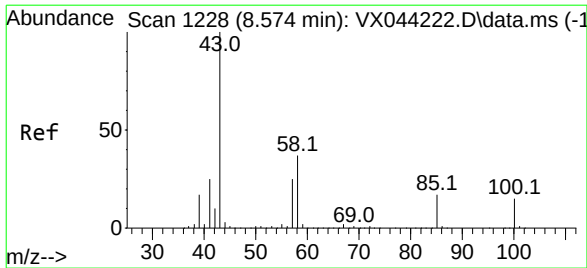
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#50
Toluene-d8
Concen: 51.923 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 98 Resp: 290046
Ion Ratio Lower Upper
98 100
100 66.0 51.5 77.3





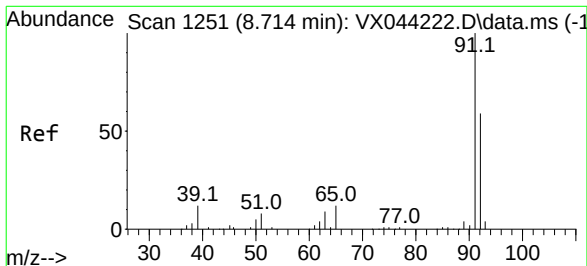
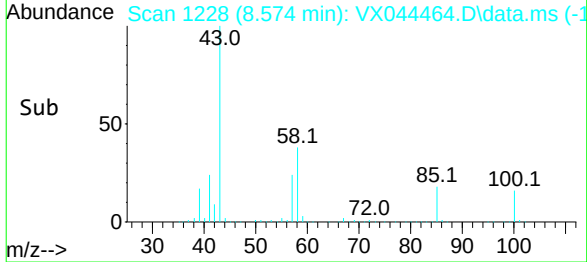
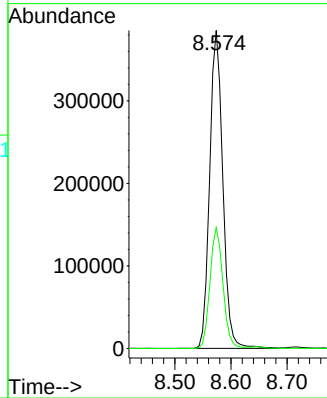
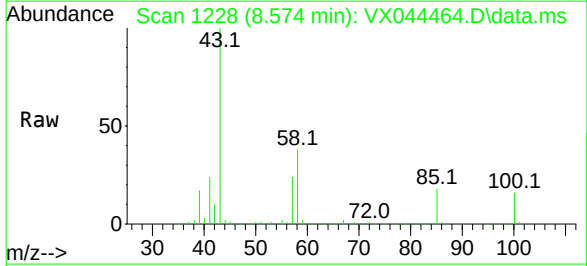
#51
4-Methyl-2-Pentanone
Concen: 235.413 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 625919
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.0

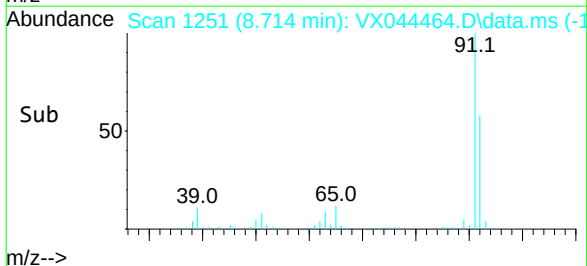
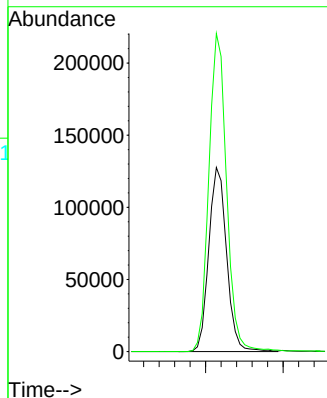
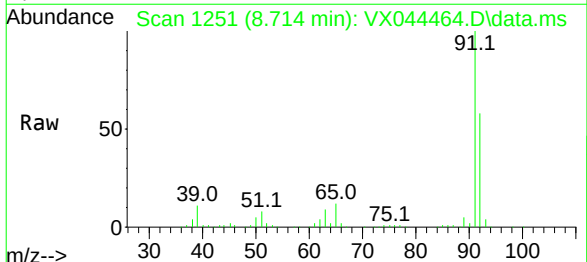
Manual Integrations
APPROVED

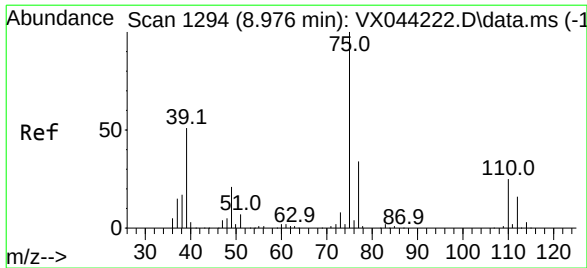
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#52
Toluene
Concen: 50.071 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 92 Resp: 204328
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.6





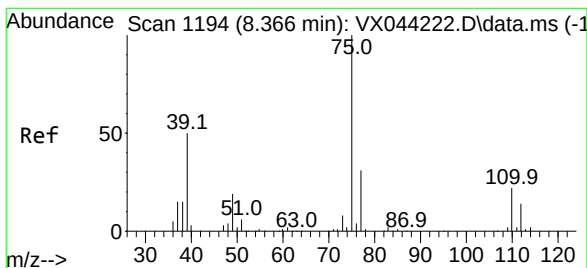
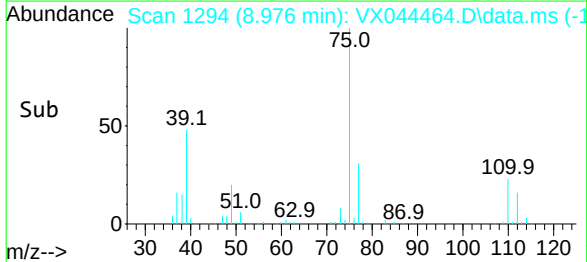
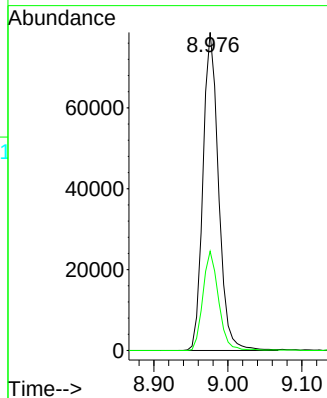
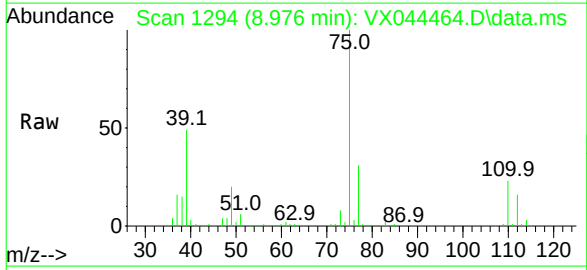
#53
 t-1,3-Dichloropropene
 Concen: 48.388 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 115268
 Ion Ratio Lower Upper
 75 100
 77 31.2 27.2 40.8

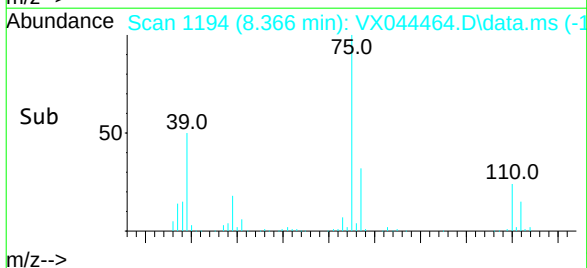
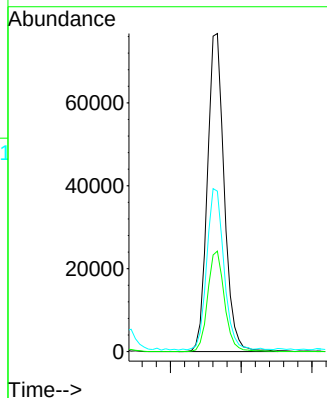
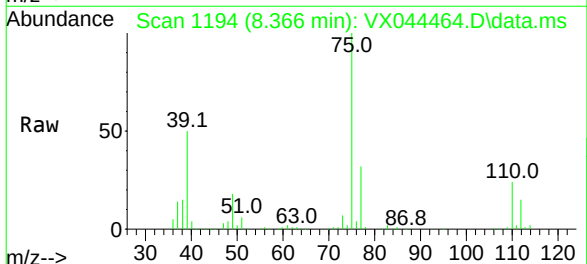
Manual Integrations
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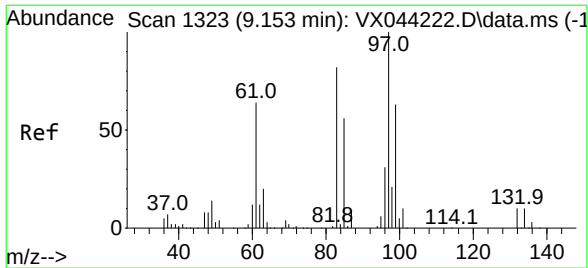
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 52.437 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX044464.D
 Acq: 20 Dec 2024 19:49

Tgt Ion: 75 Resp: 127004
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.7 37.1
 39 50.0 40.3 60.5





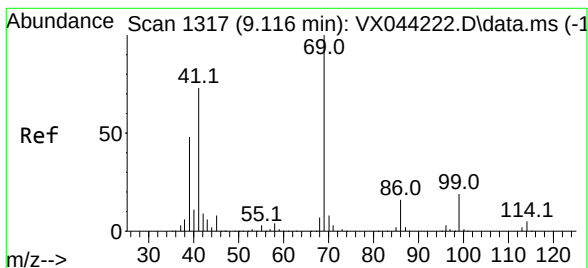
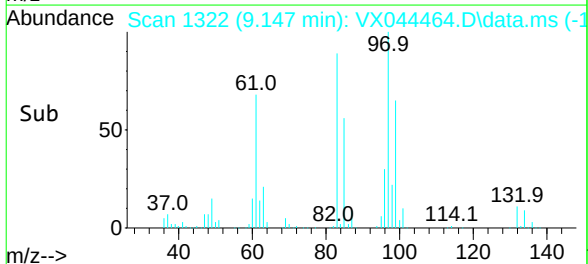
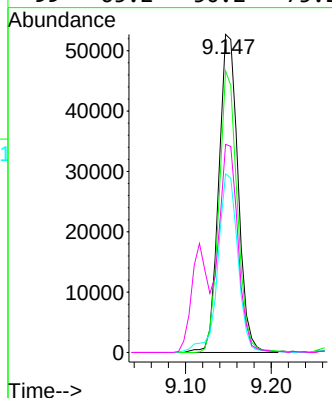
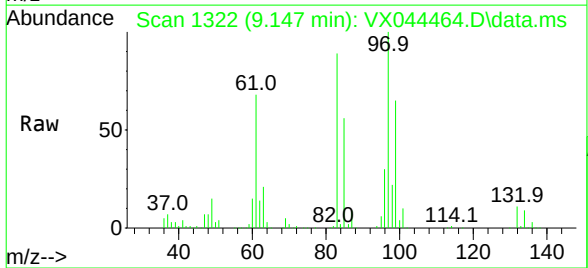
#55
1,1,2-Trichloroethane
Concen: 50.814 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion:	97	Resp:	82378
Ion	Ratio	Lower	Upper
97	100		
83	88.5	65.3	97.9
85	56.0	44.6	67.0
99	65.2	50.2	75.2

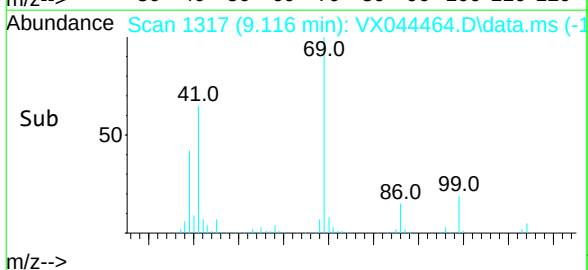
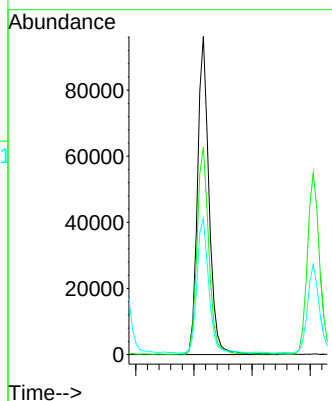
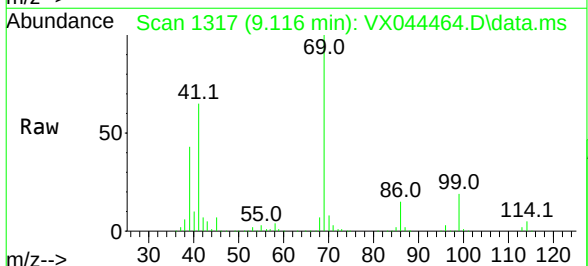
Manual Integrations
APPROVED

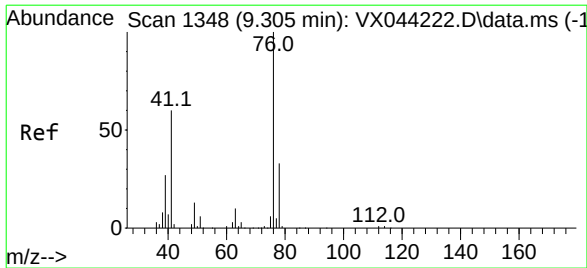
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#56
Ethyl methacrylate
Concen: 51.516 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:	69	Resp:	131845
Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.6	85.0
39	43.7	37.4	56.0





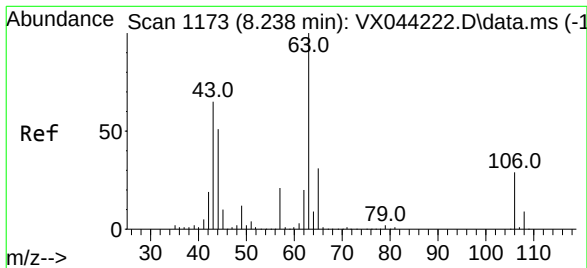
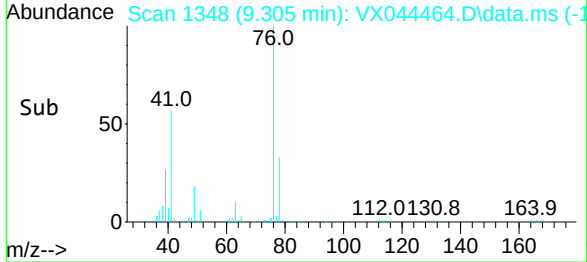
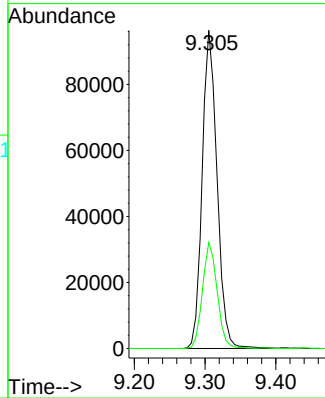
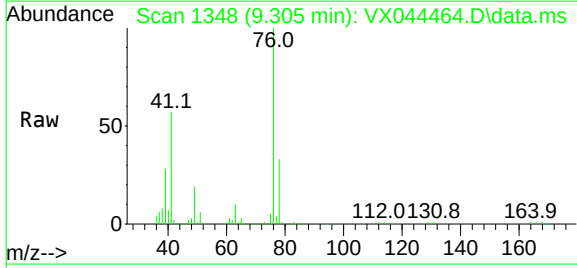
#57
1,3-Dichloropropane
Concen: 49.799 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 140522
Ion Ratio Lower Upper
76 100
78 33.0 26.5 39.7

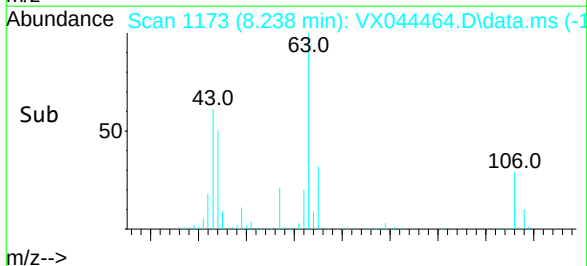
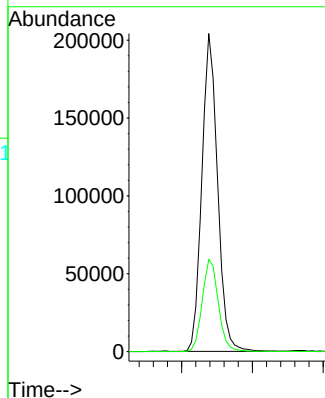
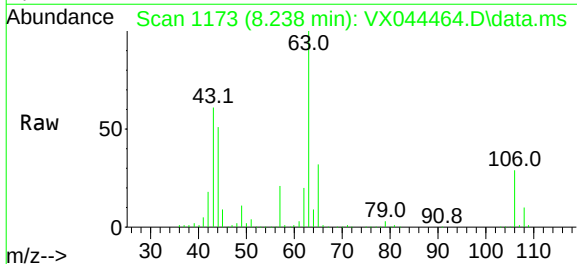
Manual Integrations
APPROVED

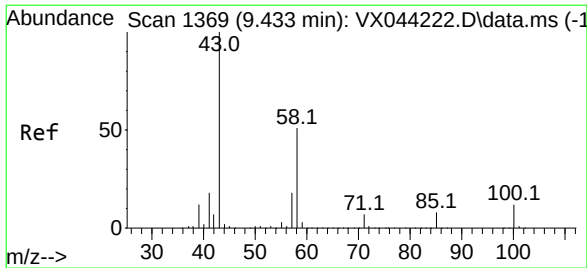
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 243.652 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 63 Resp: 314516
Ion Ratio Lower Upper
63 100
106 29.8 22.8 34.2





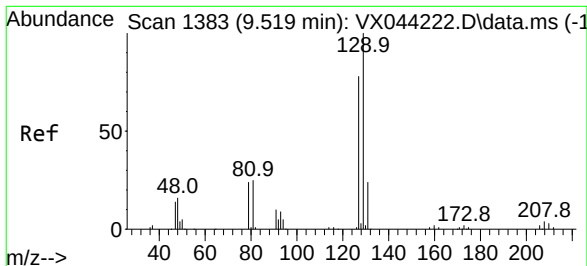
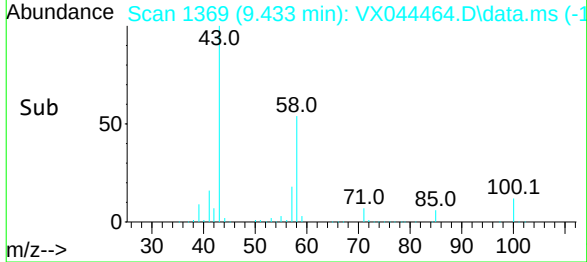
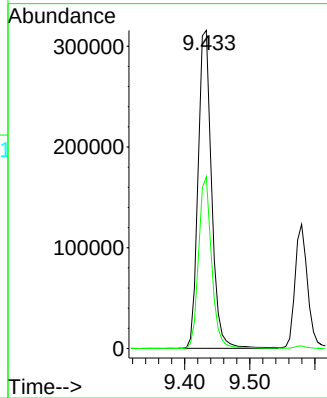
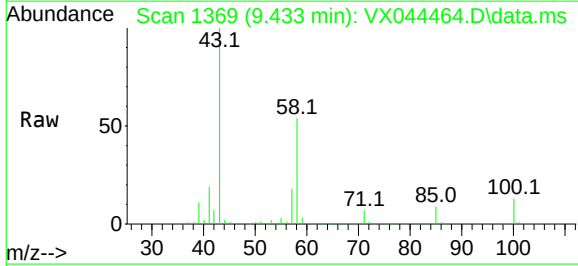
#59
2-Hexanone
Concen: 236.376 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 454909
Ion Ratio Lower Upper
43 100
58 52.3 25.7 77.0

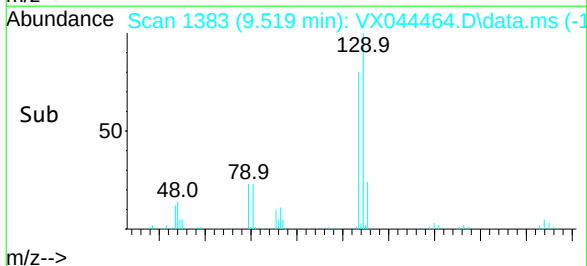
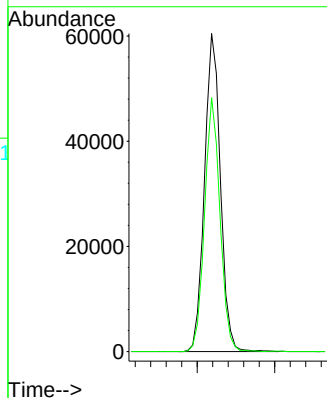
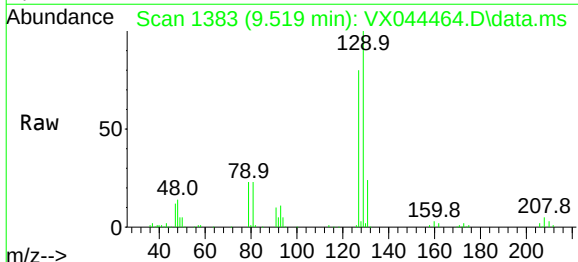
Manual Integrations
APPROVED

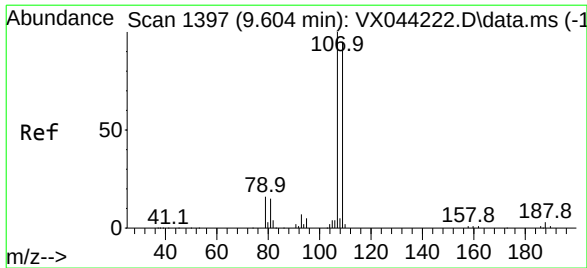
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#60
Dibromochloromethane
Concen: 50.206 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

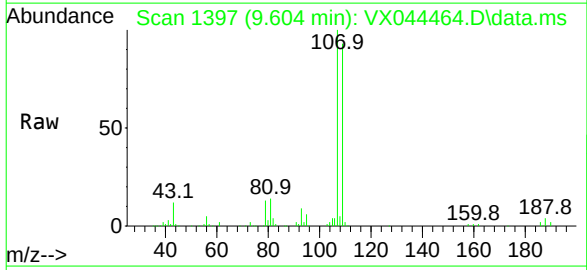
Tgt Ion:129 Resp: 86219
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 53.053 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

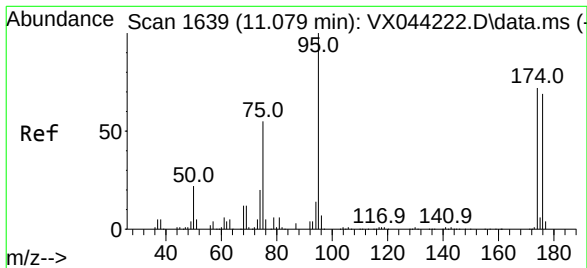
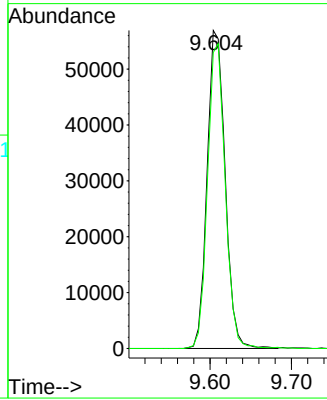
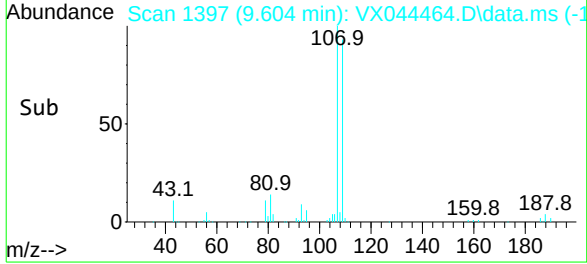
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC



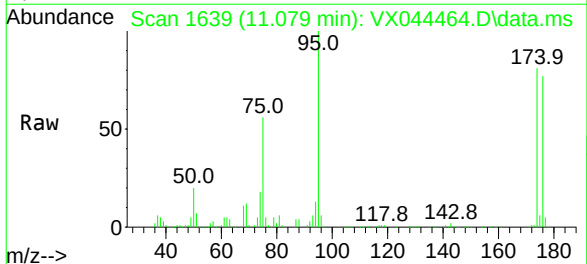
Tgt Ion: 107 Resp: 87547
Ion Ratio Lower Upper
107 100
109 94.1 77.0 115.4

Manual Integrations
APPROVED

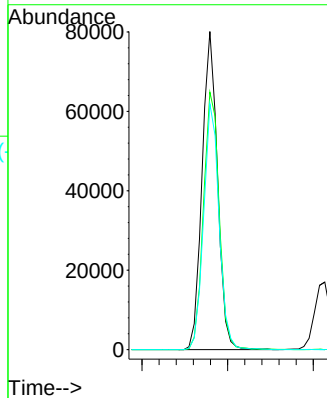
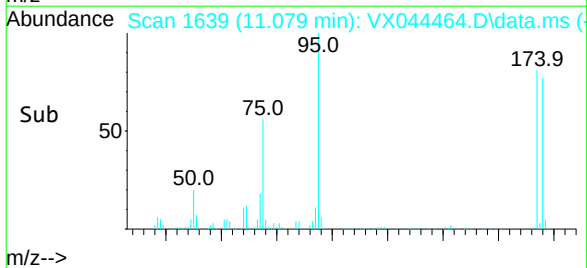
Reviewed By : Semsettin Yesilyurt 12/23/2024
Supervised By : Mahesh Dadoda 12/24/2024

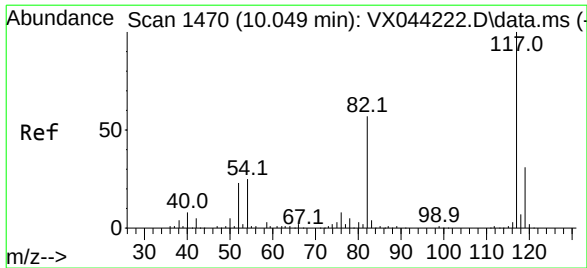


#62
4-Bromofluorobenzene
Concen: 51.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49



Tgt Ion: 95 Resp: 99862
Ion Ratio Lower Upper
95 100
174 83.0 0.0 145.8
176 77.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

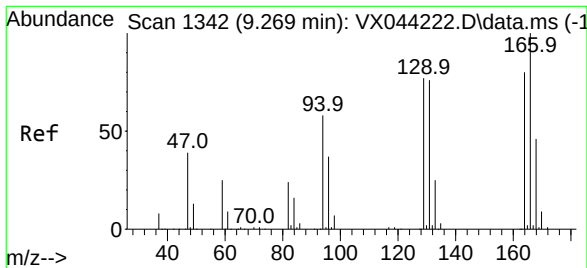
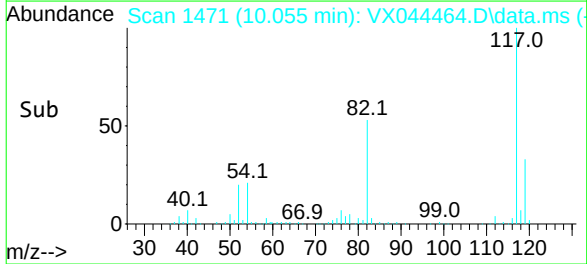
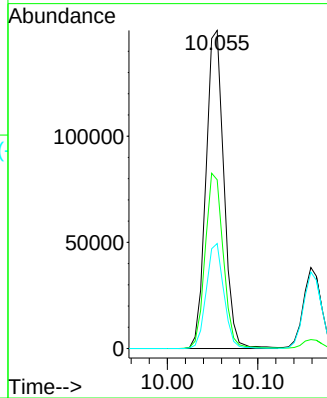
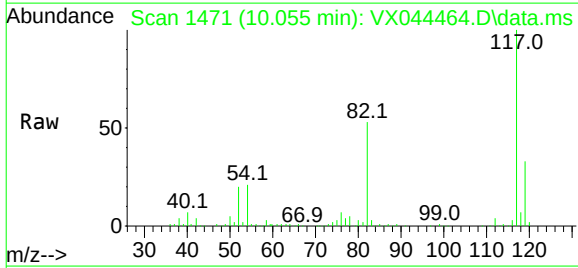
VSTDCCC050EC

Tgt Ion:	117	Resp:	206477
Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.8	68.8
119	33.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#64

Tetrachloroethene

Concen: 51.727 ug/l

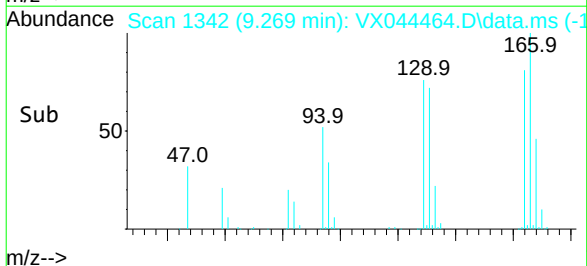
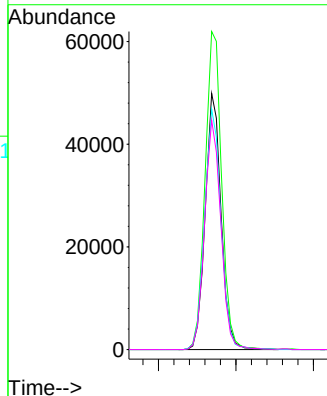
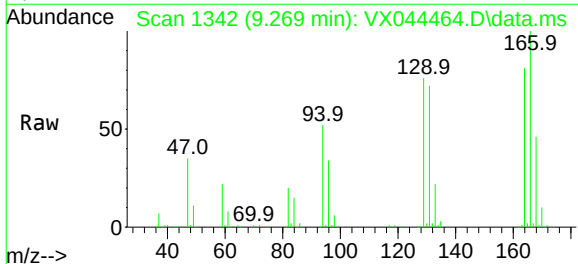
RT: 9.269 min Scan# 1342

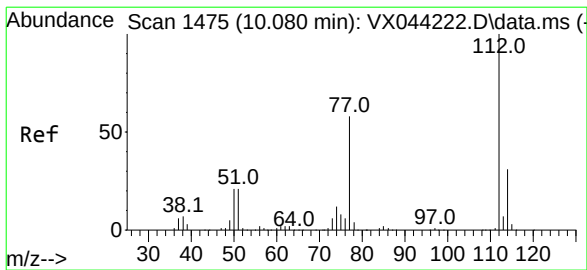
Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Tgt Ion:	164	Resp:	70888
Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.4	150.6
129	93.8	77.2	115.8
131	89.5	76.2	114.2





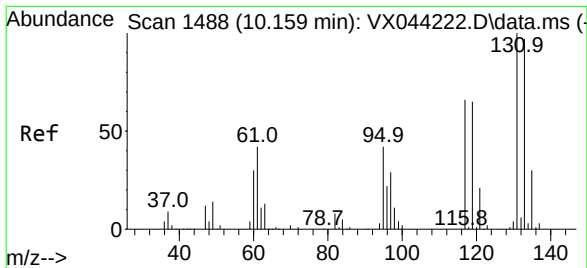
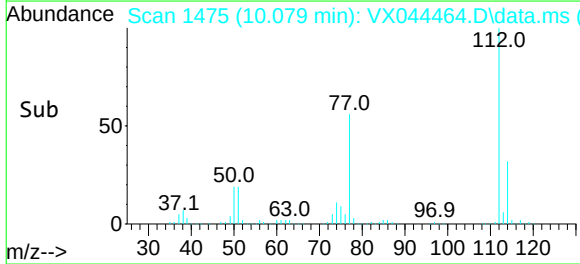
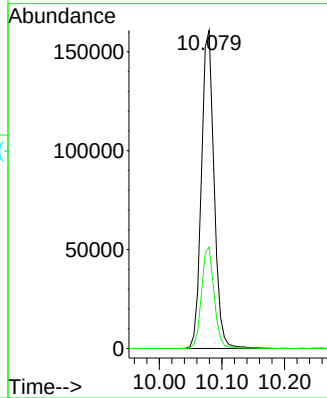
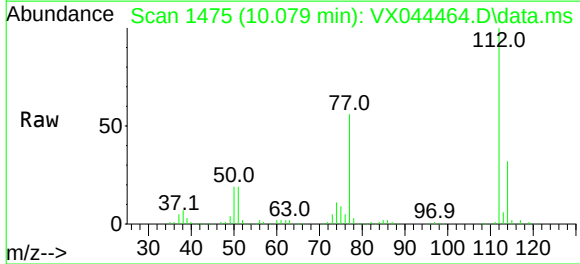
#65
Chlorobenzene
Concen: 51.056 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 225888
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

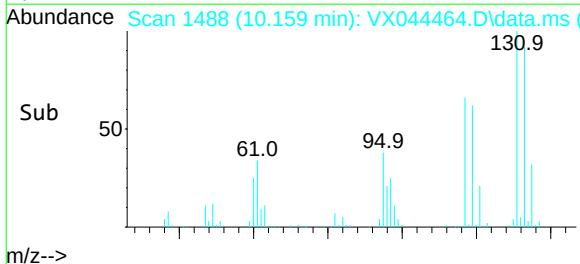
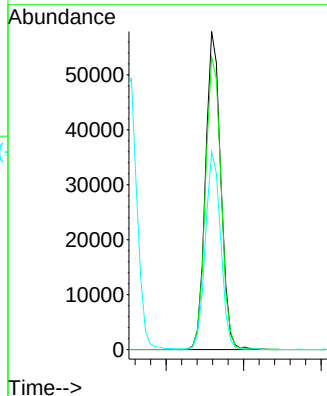
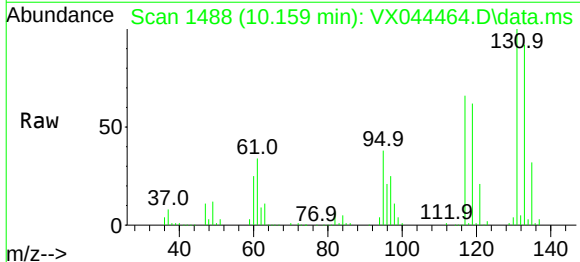
Manual Integrations
APPROVED

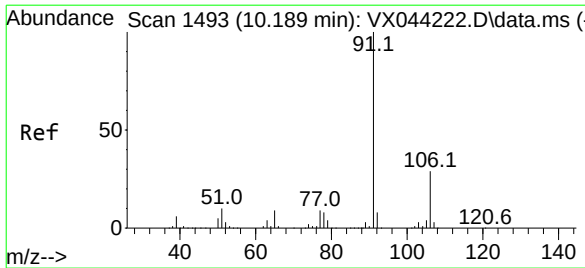
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.601 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:131 Resp: 79060
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 62.0 31.6 95.0





#67

Ethyl Benzene

Concen: 50.462 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 385756

Ion Ratio Lower Upper

91 100

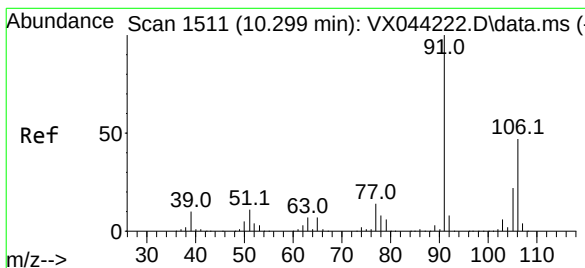
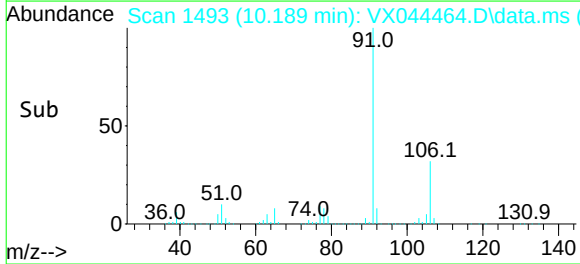
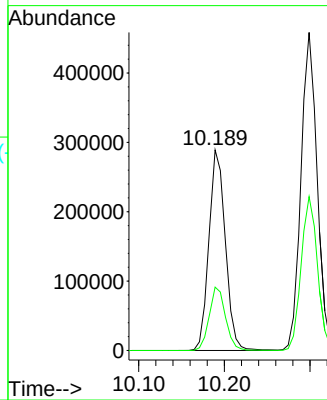
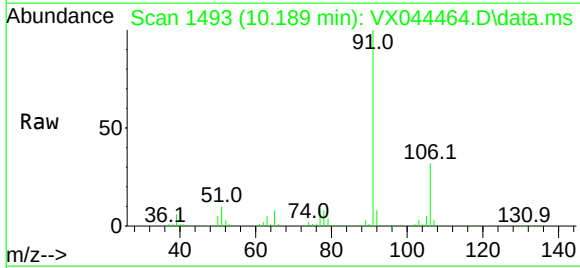
106 31.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#68

m/p-Xylenes

Concen: 105.028 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044464.D

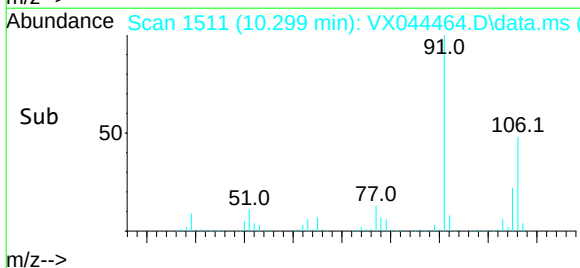
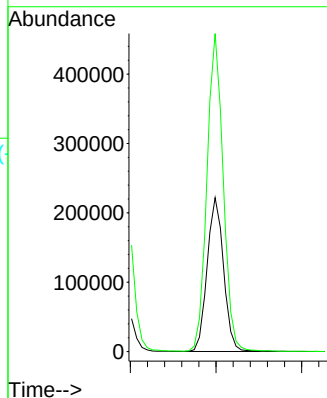
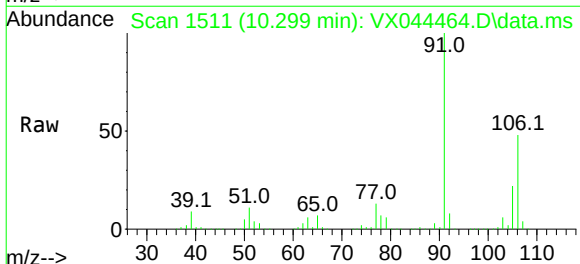
Acq: 20 Dec 2024 19:49

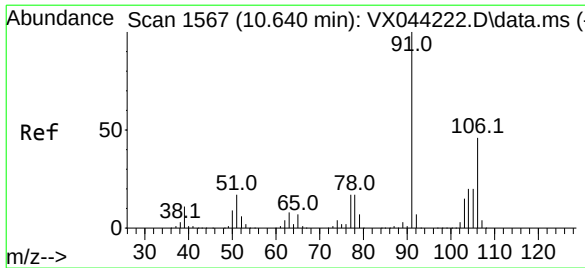
Tgt Ion:106 Resp: 294612

Ion Ratio Lower Upper

106 100

91 205.2 170.2 255.2





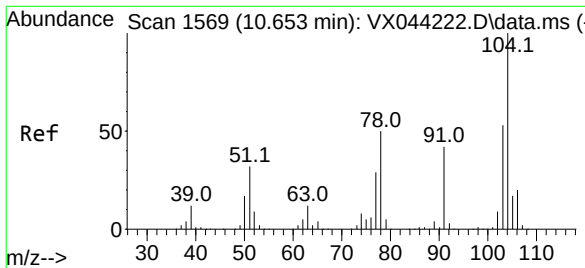
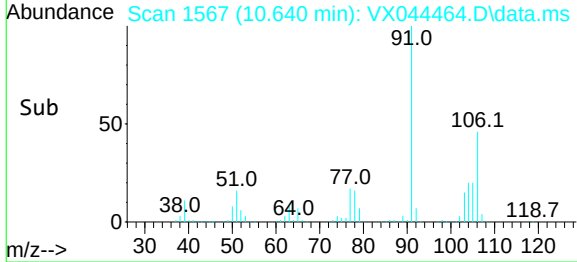
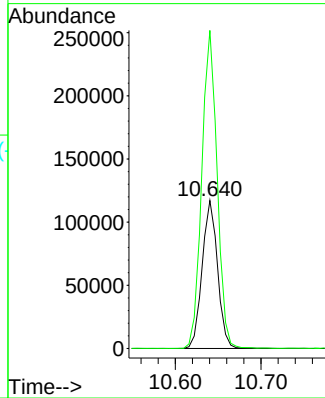
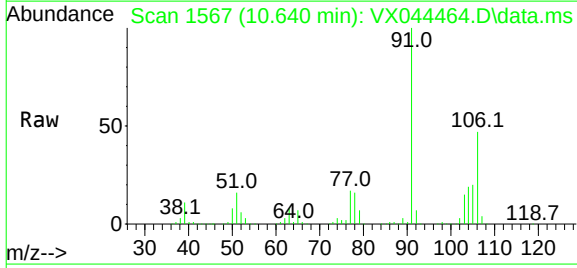
#69
o-Xylene
Concen: 51.494 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 146149
Ion Ratio Lower Upper
106 100
91 213.9 112.3 337.0

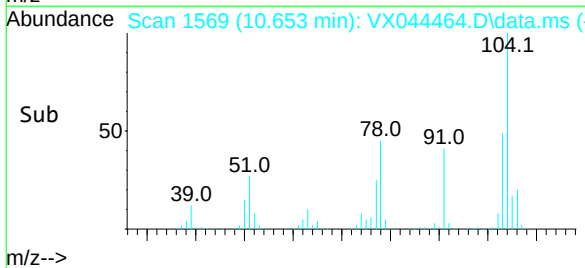
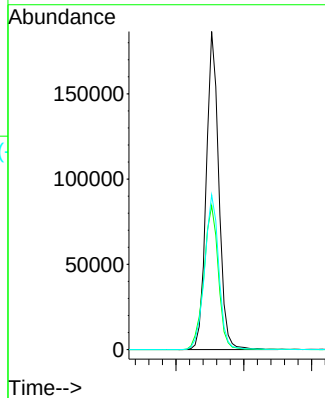
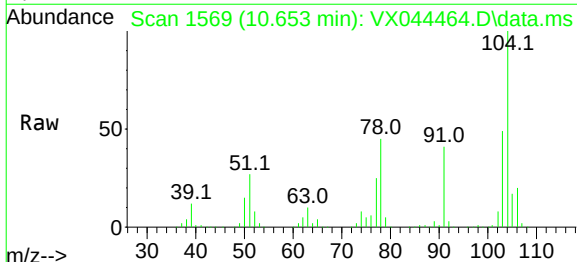
Manual Integrations
APPROVED

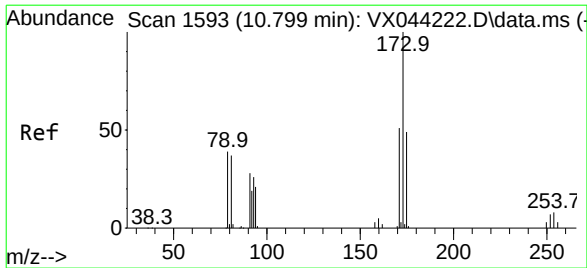
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#70
Styrene
Concen: 52.761 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:104 Resp: 240058
Ion Ratio Lower Upper
104 100
78 52.3 44.6 67.0
103 55.0 45.4 68.0





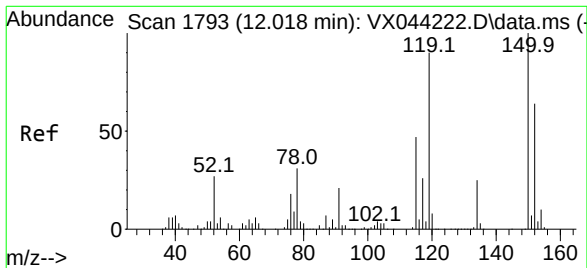
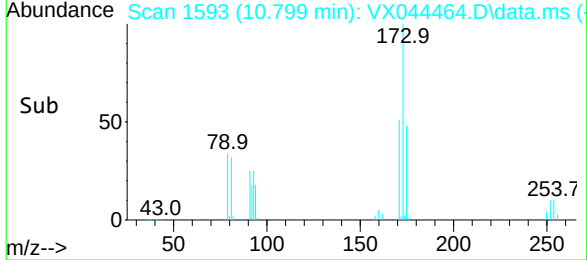
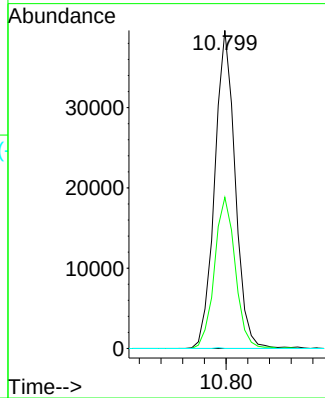
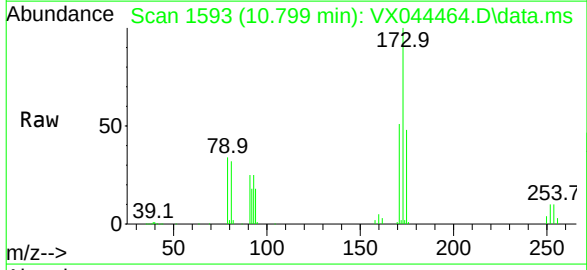
#71
Bromoform
Concen: 51.900 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	173	Resp:	51823
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.8	71.4
254	0.1	0.0	0.0

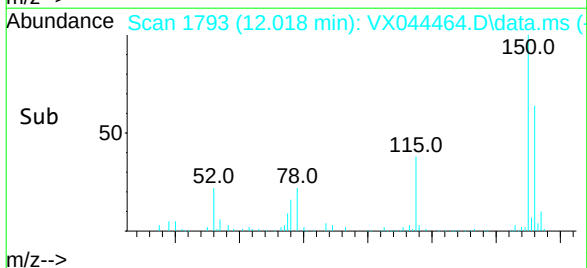
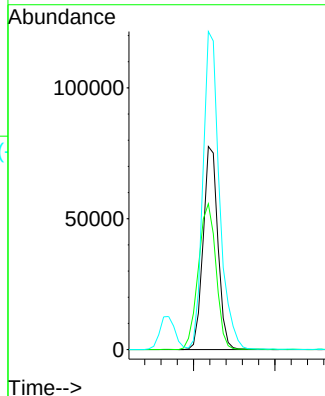
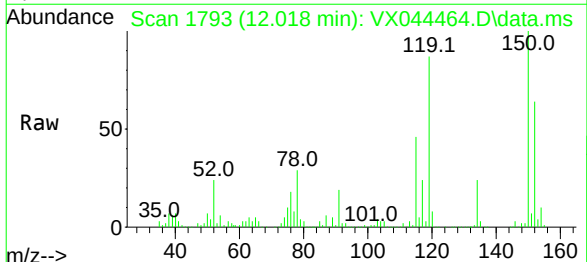
Manual Integrations
APPROVED

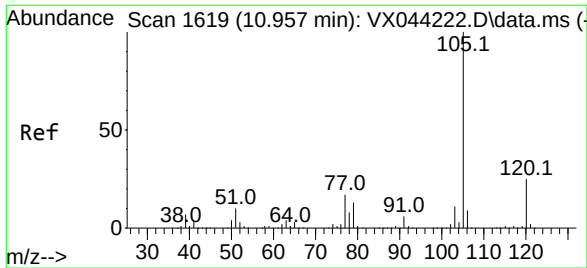
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:	152	Resp:	97831
Ion Ratio	Lower	Upper	
152	100		
115	86.4	44.5	133.3
150	174.4	0.0	353.8





#73

Isopropylbenzene

Concen: 50.011 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 374548

Ion Ratio Lower Upper

105 100

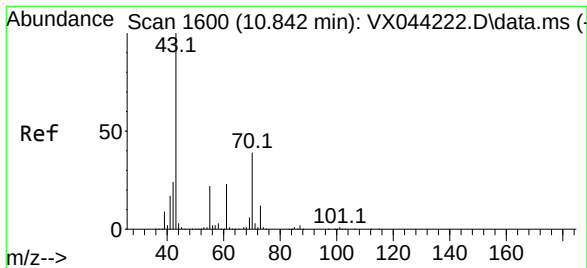
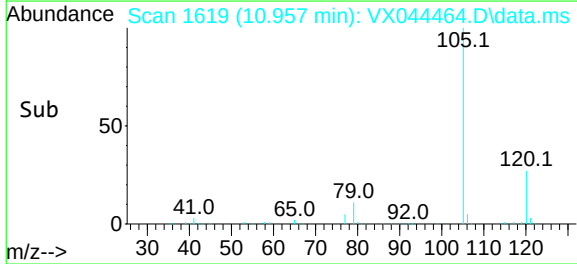
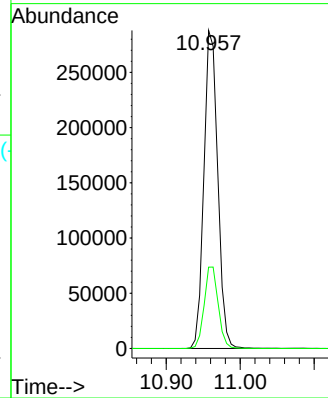
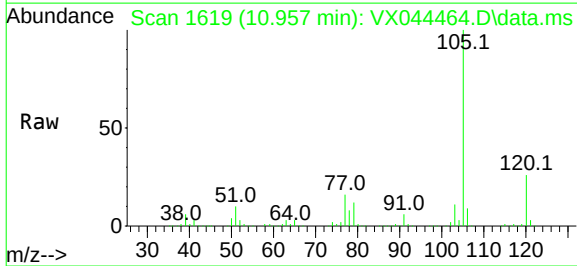
120 26.0 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#74

N-ethyl acetate

Concen: 48.576 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Tgt Ion: 43 Resp: 168135

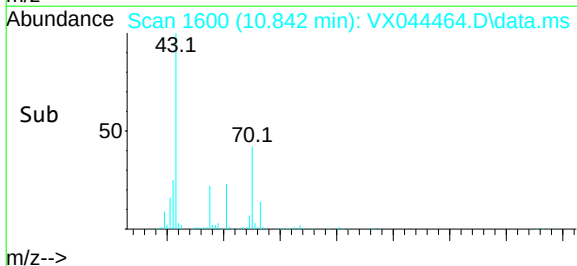
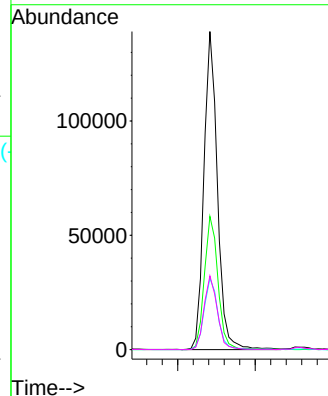
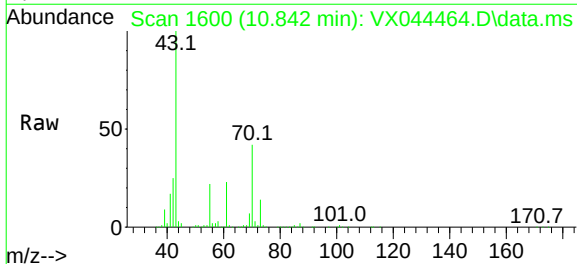
Ion Ratio Lower Upper

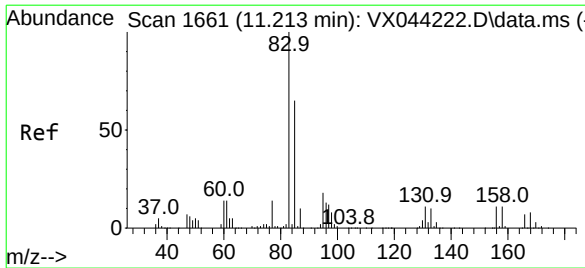
43 100

70 42.4 31.9 47.9

55 22.9 17.9 26.9

61 22.9 17.9 26.9





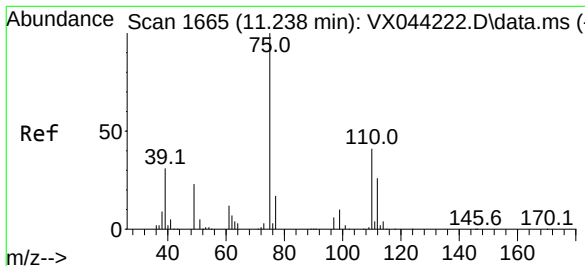
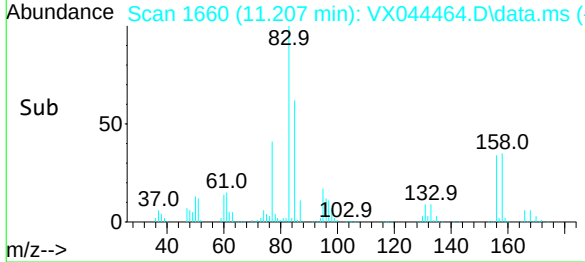
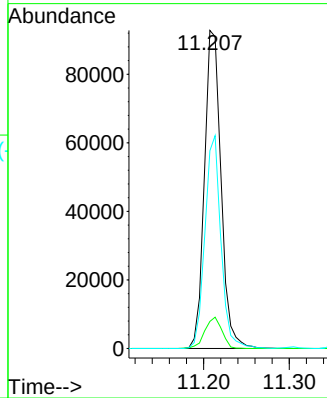
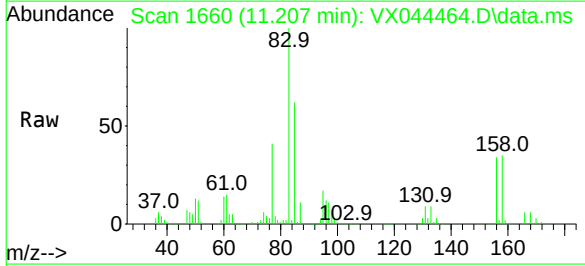
#75
1,1,2,2-Tetrachloroethane
Concen: 48.065 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125030
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 64.6 32.5 97.4

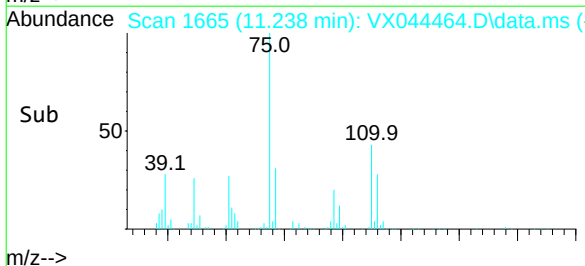
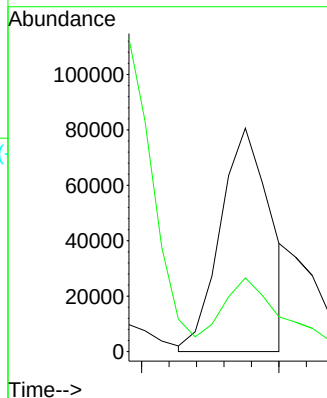
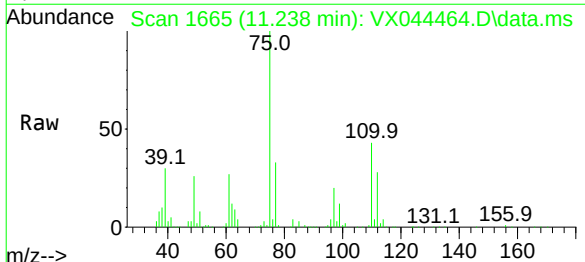
Manual Integrations
APPROVED

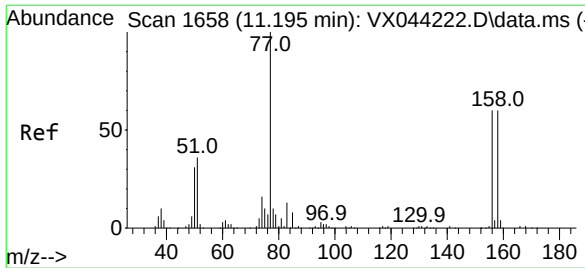
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#76
1,2,3-Trichloropropane
Concen: 46.709 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

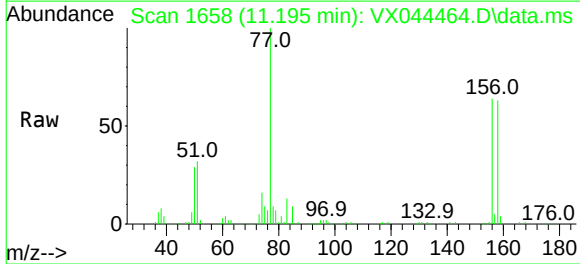
Tgt Ion: 75 Resp: 102028
Ion Ratio Lower Upper
75 100
77 40.9 20.9 62.7





#77
Bromobenzene
Concen: 51.903 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

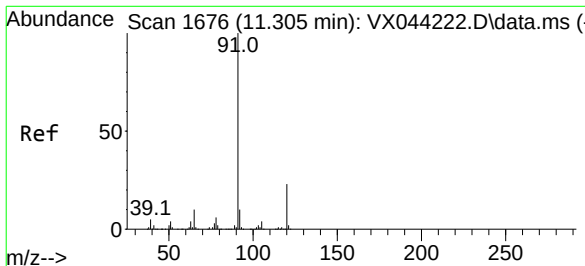
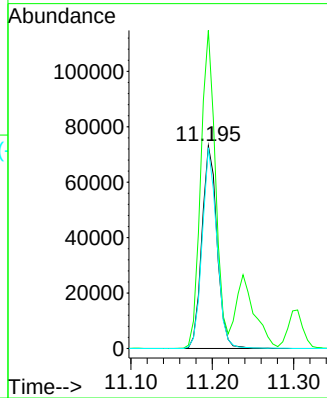
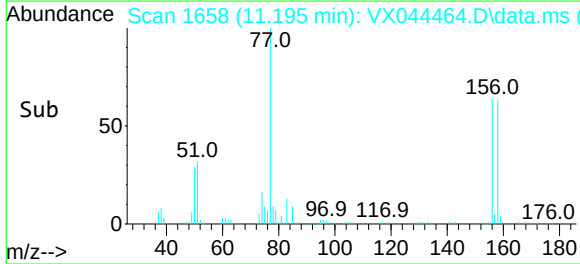
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 94262
Ion Ratio Lower Upper
156 100
77 153.3 82.6 247.8
158 95.8 48.8 146.4

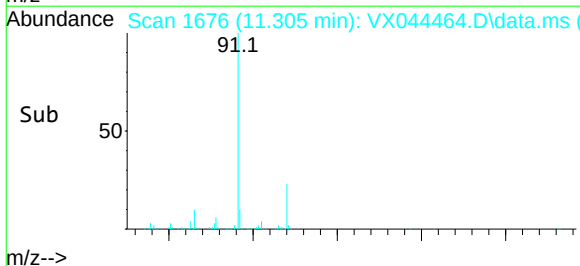
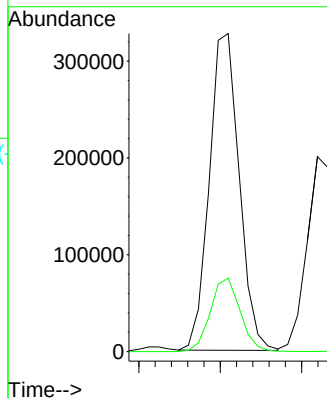
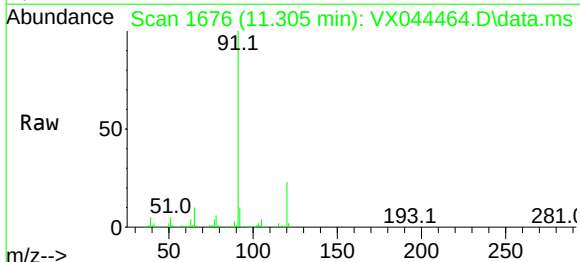
Manual Integrations
APPROVED

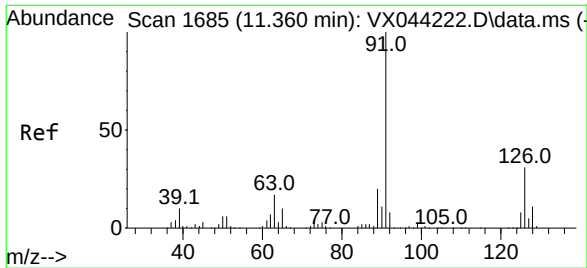
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#78
n-propylbenzene
Concen: 50.432 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 91 Resp: 417465
Ion Ratio Lower Upper
91 100
120 23.1 11.0 33.0





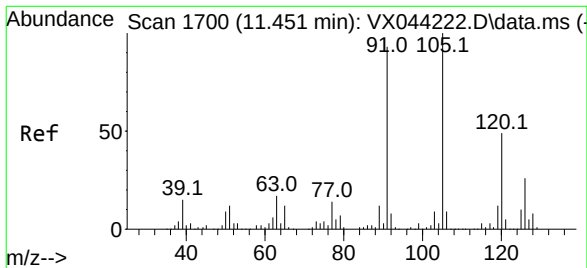
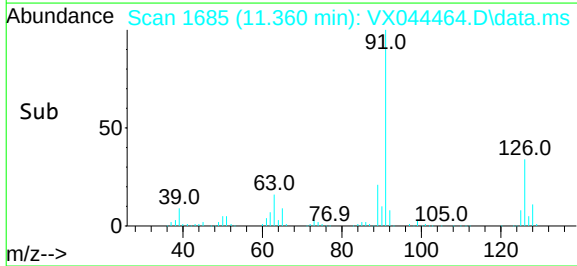
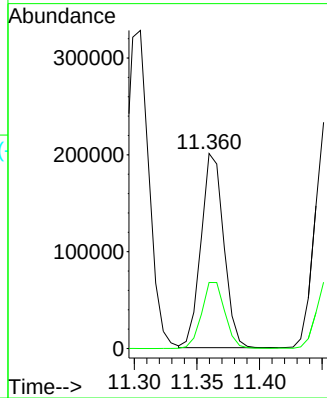
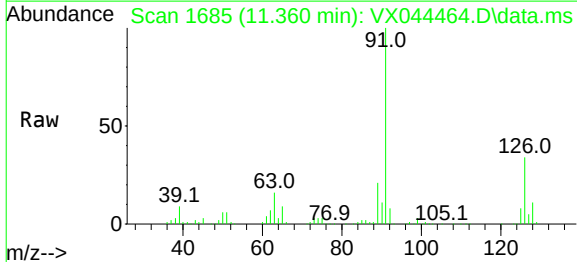
#79
2-Chlorotoluene
Concen: 47.285 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 253139
Ion Ratio Lower Upper
91 100
126 34.9 16.4 49.1

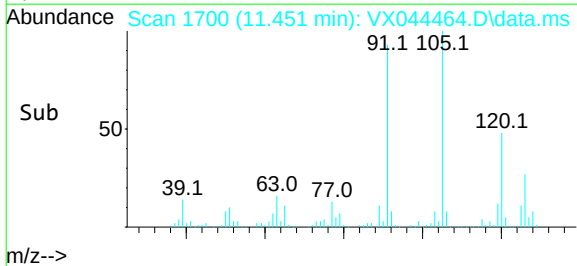
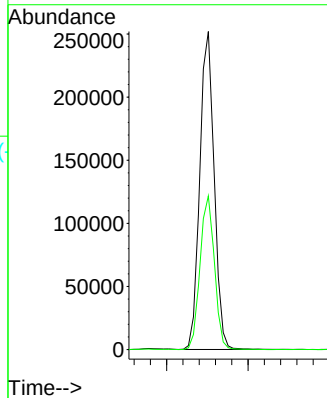
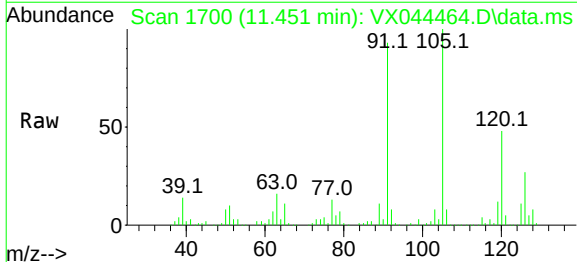
Manual Integrations
APPROVED

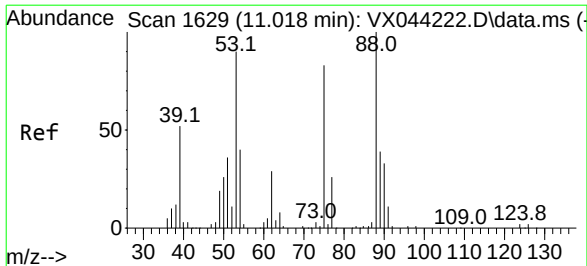
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

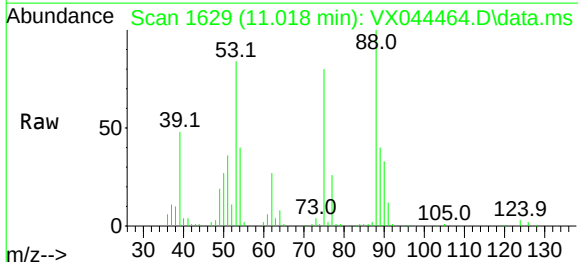
Tgt Ion:105 Resp: 309218
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 43.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

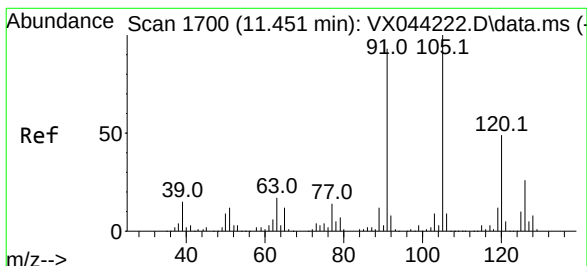
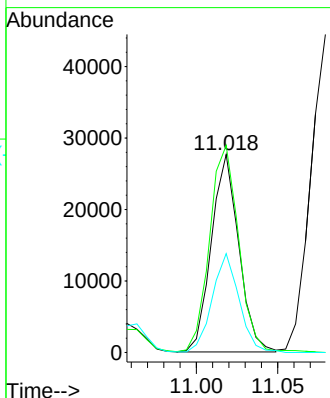
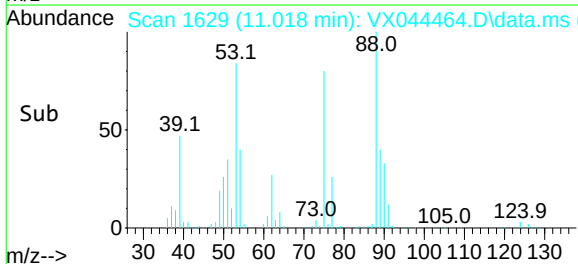
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32407
Ion Ratio Lower Upper
75 100
53 111.6 93.6 140.4
89 49.1 37.3 55.9

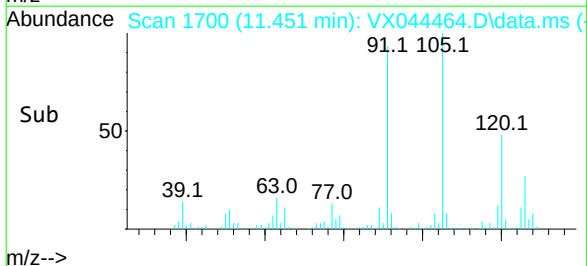
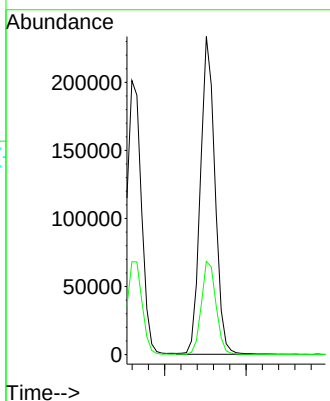
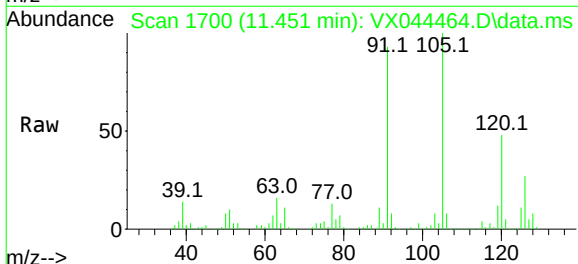
Manual Integrations
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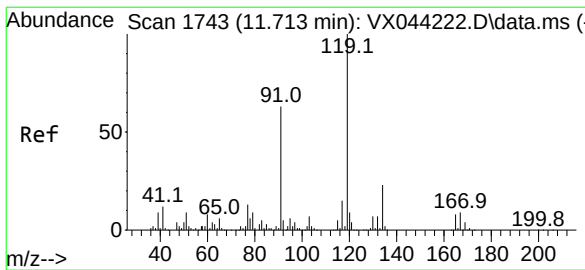
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#82
4-Chlorotoluene
Concen: 48.802 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 91 Resp: 289306
Ion Ratio Lower Upper
91 100
126 29.8 14.5 43.5





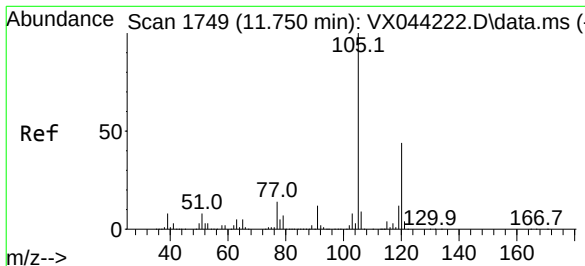
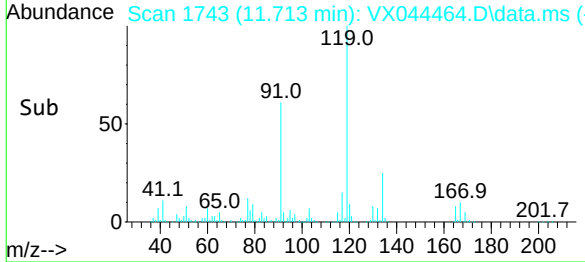
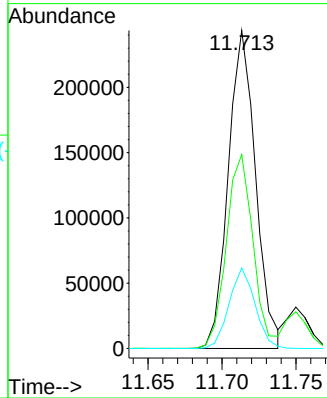
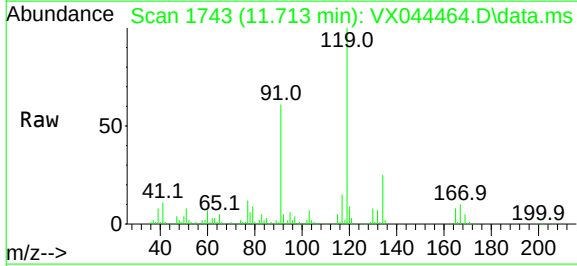
#83
tert-Butylbenzene
Concen: 50.950 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	119	Resp:	312731
Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.9	92.5
134	24.1	11.5	34.4

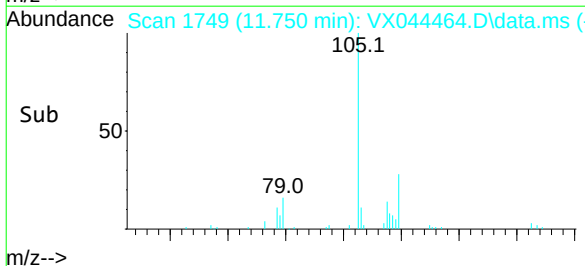
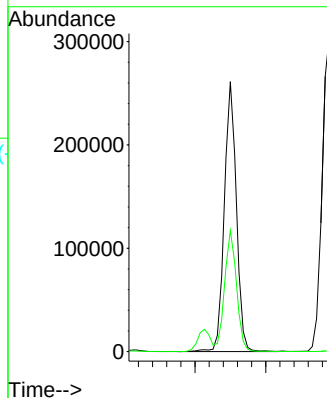
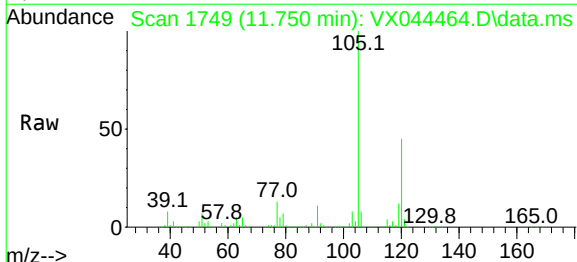
Manual Integrations
APPROVED

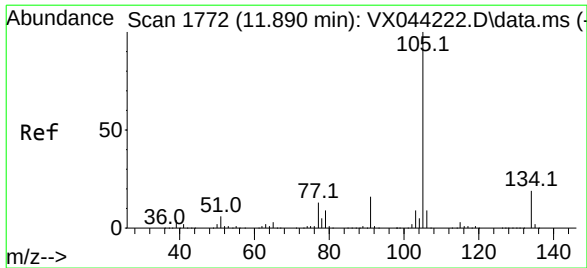
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.564 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:	105	Resp:	308415
Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.7	65.1





#85

sec-Butylbenzene

Concen: 50.546 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 376639

Ion Ratio Lower Upper

105 100

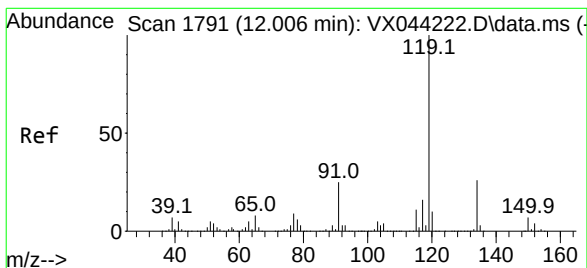
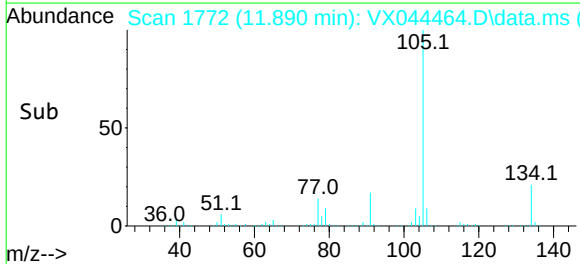
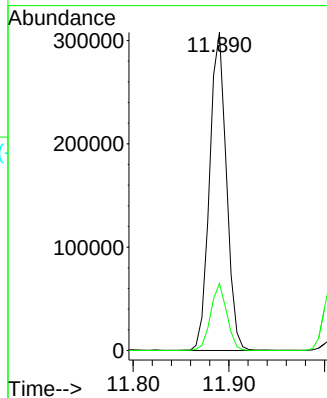
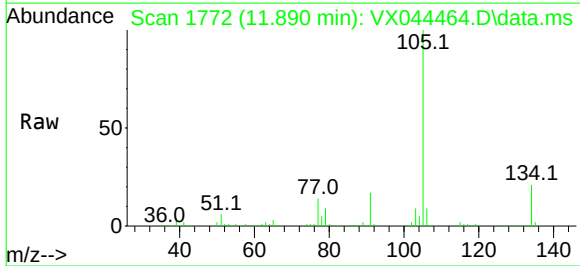
134 20.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#86

p-Isopropyltoluene

Concen: 51.504 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

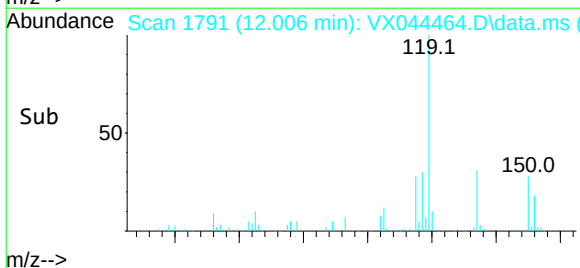
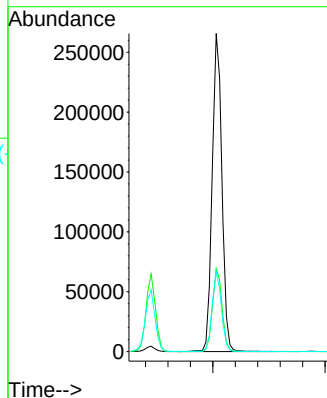
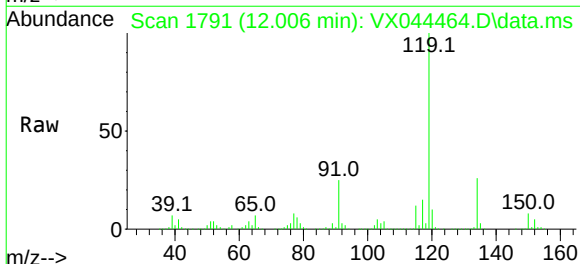
Tgt Ion:119 Resp: 319422

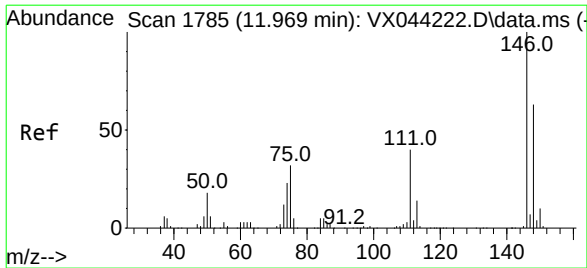
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.480 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

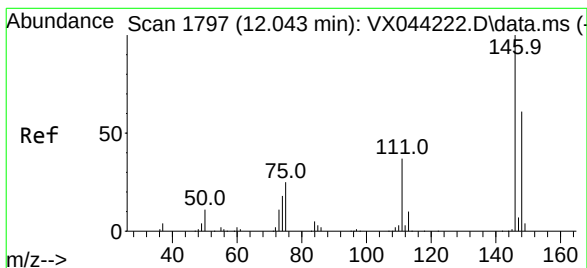
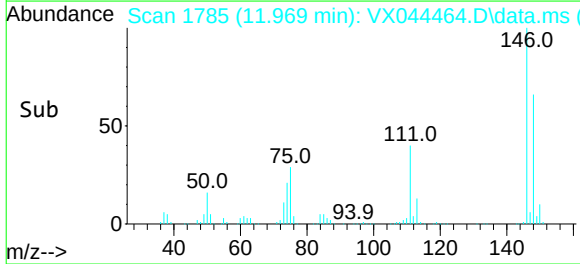
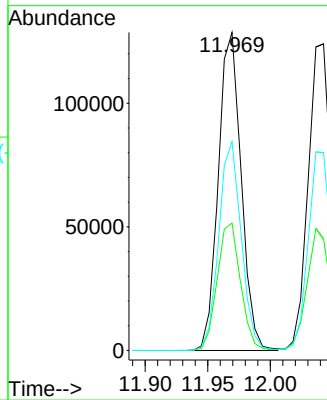
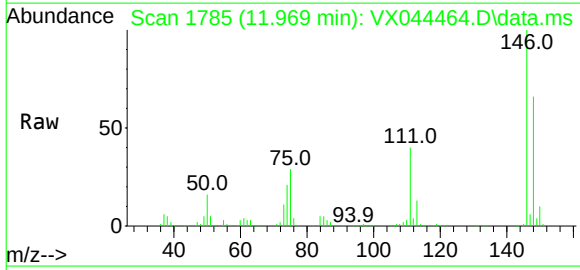
VSTDCCC050EC

Tgt Ion:	146	Resp:	163311
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.4	64.2
148	64.7	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#88

1,4-Dichlorobenzene

Concen: 49.579 ug/l

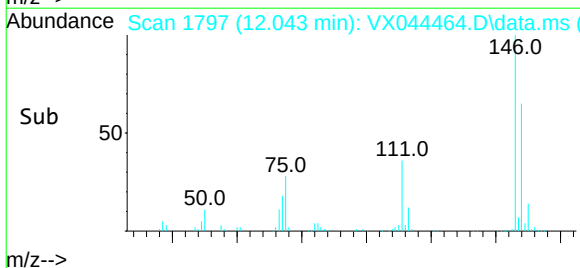
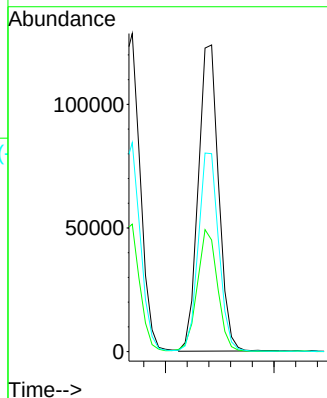
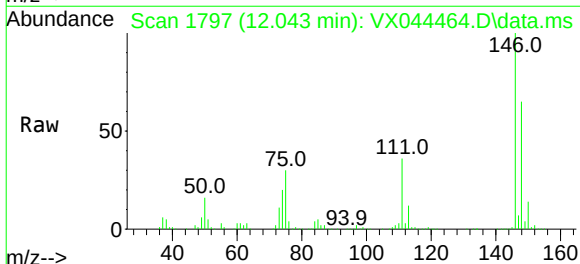
RT: 12.043 min Scan# 1797

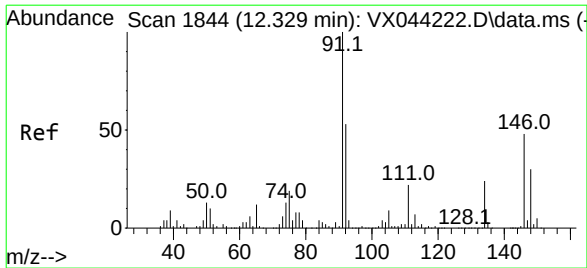
Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

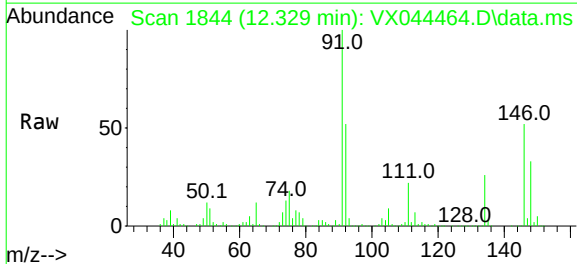
Tgt Ion:	146	Resp:	161681
Ion Ratio	Lower	Upper	
146	100		
111	39.8	21.0	63.0
148	65.1	32.3	96.8





#89
n-Butylbenzene
Concen: 50.212 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

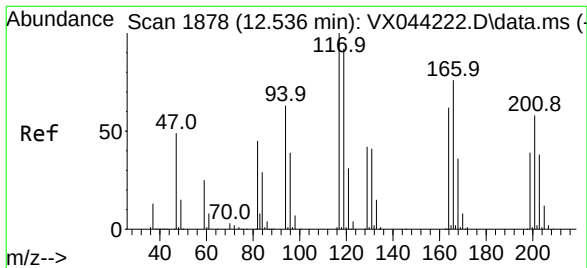
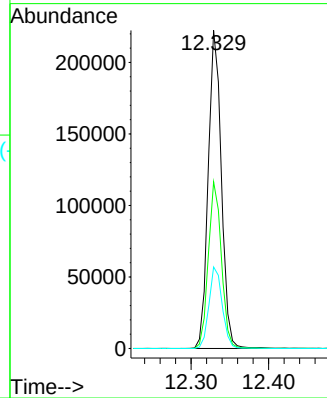
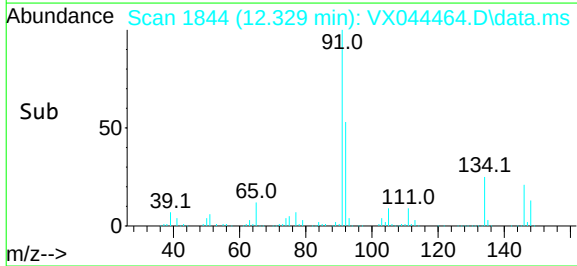
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 261866
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 26.0 12.6 37.8

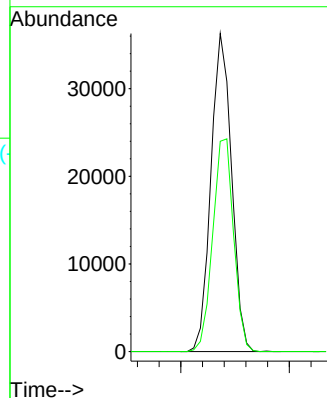
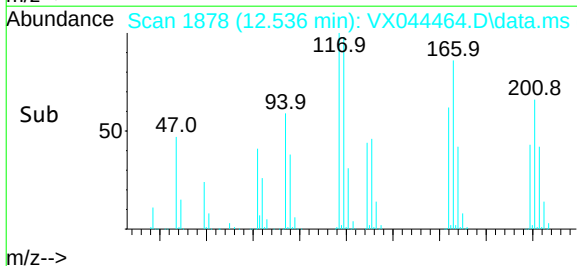
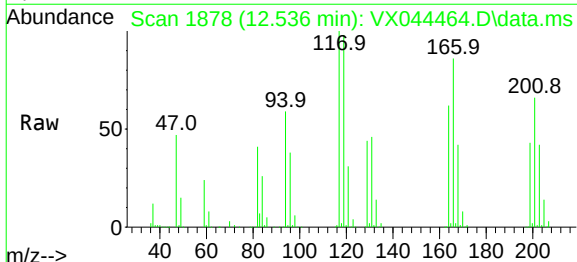
Manual Integrations
APPROVED

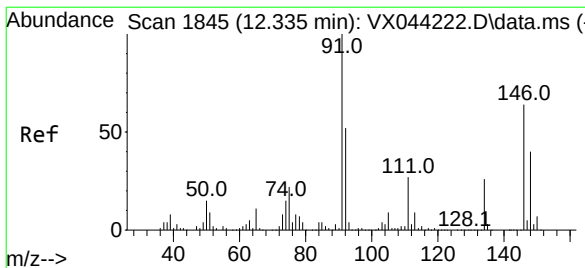
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#90
Hexachloroethane
Concen: 52.940 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:117 Resp: 47928
Ion Ratio Lower Upper
117 100
201 67.8 31.4 94.2





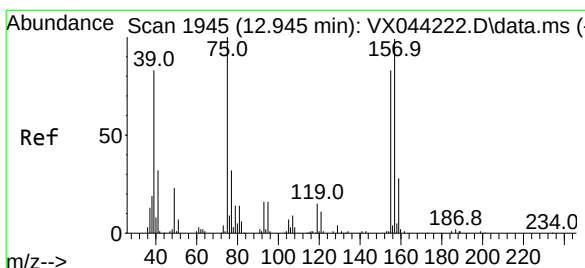
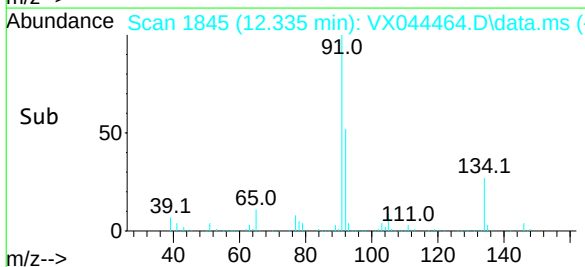
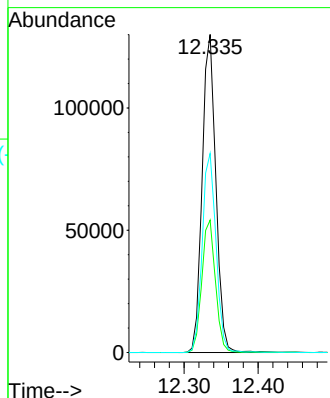
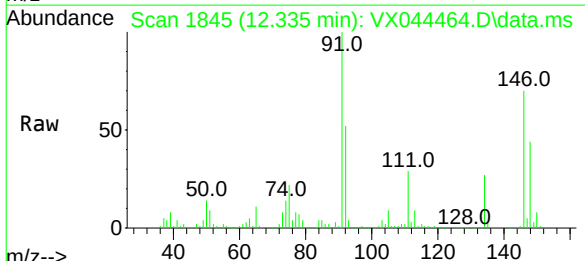
#91
1,2-Dichlorobenzene
Concen: 50.764 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 146 Resp: 167214
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.3
148 63.1 31.6 95.0

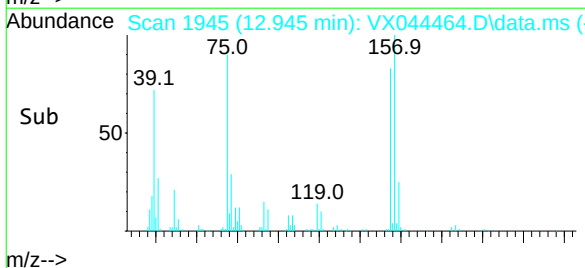
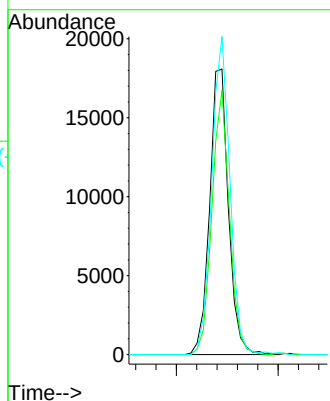
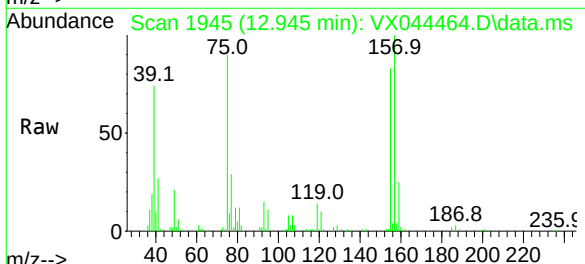
Manual Integrations
APPROVED

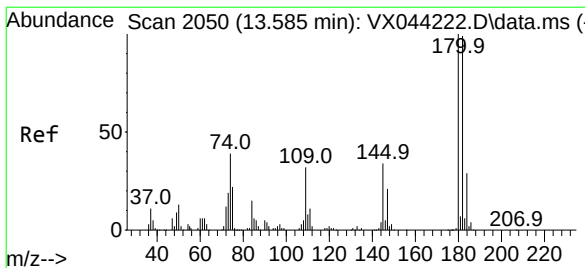
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.042 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion: 75 Resp: 23250
Ion Ratio Lower Upper
75 100
155 86.4 38.1 114.3
157 107.8 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 54.188 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

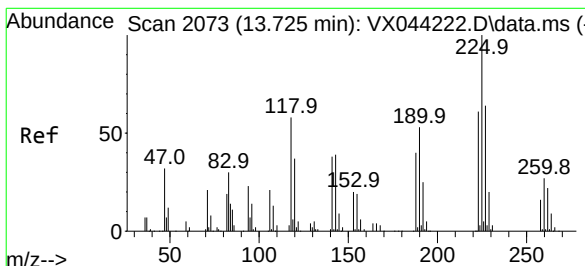
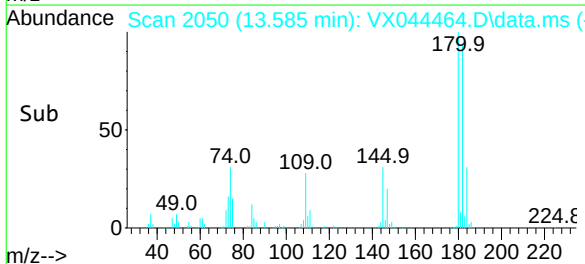
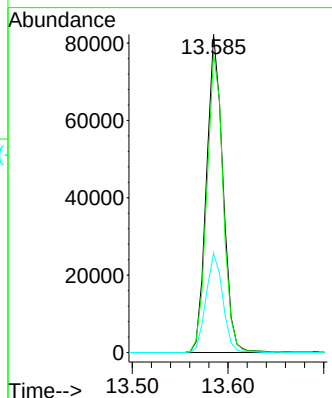
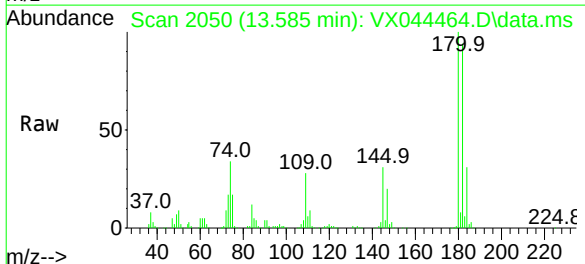
ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 97858
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 31.9 16.6 49.7

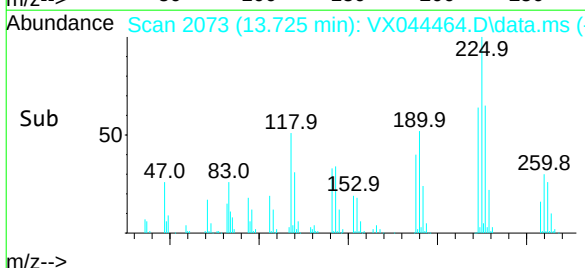
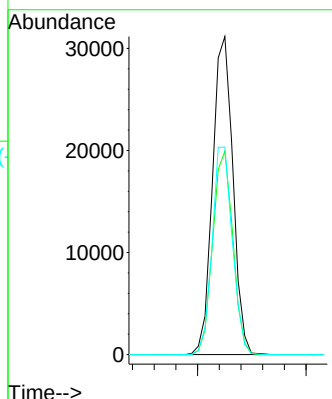
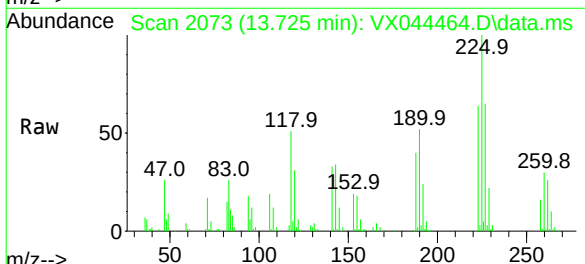
Manual Integrations
APPROVED

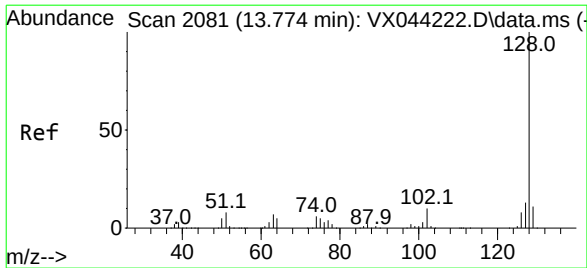
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#94
Hexachlorobutadiene
Concen: 55.763 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044464.D
Acq: 20 Dec 2024 19:49

Tgt Ion:225 Resp: 40506
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.4
227 65.0 32.1 96.3





#95

Naphthalene

Concen: 48.680 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

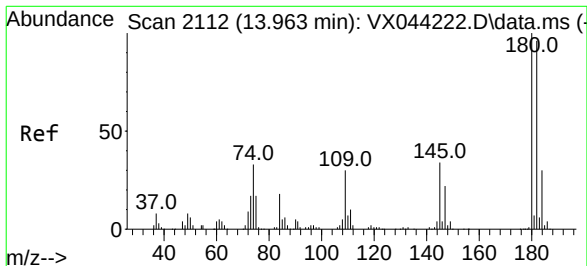
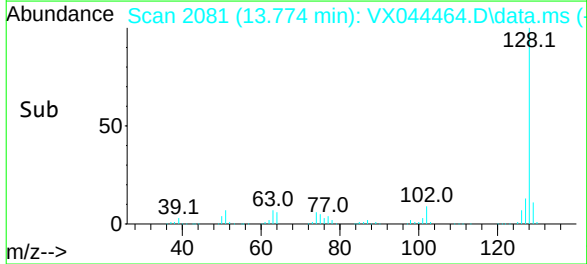
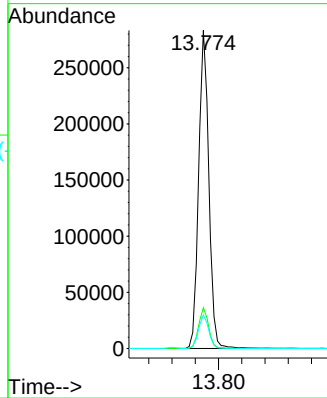
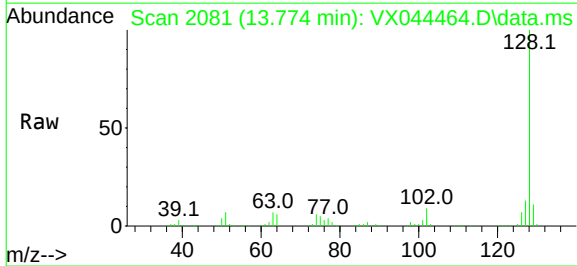
VSTDCCC050EC

Tgt Ion:	128	Resp:	343151
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.939 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Tgt Ion:	180	Resp:	101400
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	31.9	17.7	53.1

