

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044397.D
 Acq On : 18 Dec 2024 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:54:38 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 : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	135217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94679	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	107888	45.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.020%
35) Dibromofluoromethane	5.379	113	85012	51.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	8.647	98	281622	50.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	96109	49.060	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	107432	51.383	ug/l	98
3) Chloromethane	1.295	50	108198	54.116	ug/l	100
4) Vinyl Chloride	1.374	62	110360	52.982	ug/l	98
5) Bromomethane	1.593	94	72410	49.001	ug/l	99
6) Chloroethane	1.666	64	78870	60.808	ug/l	97
7) Trichlorofluoromethane	1.868	101	173515	42.551	ug/l	99
8) Diethyl Ether	2.130	74	68057	48.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	81792	49.568	ug/l	98
10) Methyl Iodide	2.441	142	120260	55.298	ug/l	97
11) Tert butyl alcohol	2.989	59	77901	233.146	ug/l	98
12) 1,1-Dichloroethene	2.307	96	81977	54.088	ug/l	98
13) Acrolein	2.233	56	139192	287.785	ug/l	99
14) Allyl chloride	2.654	41	132780	52.597	ug/l	97
15) Acrylonitrile	3.069	53	244567	264.238	ug/l	99
16) Acetone	2.386	43	213764	221.165	ug/l	98
17) Carbon Disulfide	2.502	76	158857	55.140	ug/l	99
18) Methyl Acetate	2.709	43	124059	49.781	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	292313	49.423	ug/l	99
20) Methylene Chloride	2.782	84	93795	51.666	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	84135	52.232	ug/l	96
22) Diisopropyl ether	3.764	45	287589	50.590	ug/l	97
23) Vinyl Acetate	3.721	43	1248223	270.083	ug/l	98
24) 1,1-Dichloroethane	3.605	63	166932	52.681	ug/l	99
25) 2-Butanone	4.562	43	339552	247.114	ug/l	98
26) 2,2-Dichloropropane	4.471	77	111451	43.294	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	103578	50.631	ug/l	96
28) Bromochloromethane	4.891	49	74260	47.791	ug/l	99
29) Tetrahydrofuran	5.007	42	217698	246.831	ug/l	99
30) Chloroform	5.093	83	176742	49.644	ug/l	100
31) Cyclohexane	5.458	56	126871	49.582	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	152533	51.614	ug/l	100
36) 1,1-Dichloropropene	5.690	75	110493	51.438	ug/l	98
37) Ethyl Acetate	4.721	43	136208	51.297	ug/l	98
38) Carbon Tetrachloride	5.672	117	120403	52.064	ug/l	95
39) Methylcyclohexane	7.379	83	130669	50.884	ug/l	97
40) Benzene	6.031	78	353789	54.246	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74342	52.726	ug/l	97
42) 1,2-Dichloroethane	6.080	62	135405	50.400	ug/l	97
43) Isopropyl Acetate	6.342	43	215421	51.907	ug/l	98
44) Trichloroethene	7.123	130	85228	52.403	ug/l	99
45) 1,2-Dichloropropane	7.428	63	87563	52.551	ug/l	95
46) Dibromomethane	7.580	93	68412	52.923	ug/l	95
47) Bromodichloromethane	7.824	83	123638	55.381	ug/l	99
48) Methyl methacrylate	7.696	41	100291	49.782	ug/l	96
49) 1,4-Dioxane	7.665	88	25452	762.005	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	682557	255.786	ug/l	98
52) Toluene	8.720	92	214145	52.287	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115357	48.259	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	131957	54.285	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	87322	53.669	ug/l	97
56) Ethyl methacrylate	9.116	69	136992	53.333	ug/l	96
57) 1,3-Dichloropropane	9.305	76	147976	52.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	319257	246.430	ug/l	100
59) 2-Hexanone	9.433	43	498511	258.095	ug/l	99
60) Dibromochloromethane	9.519	129	85744	49.779	ug/l	100
61) 1,2-Dibromoethane	9.610	107	89694	54.158	ug/l	97
64) Tetrachloroethene	9.275	164	71547	52.769	ug/l	96
65) Chlorobenzene	10.079	112	230882	52.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	79028	56.175	ug/l	98
67) Ethyl Benzene	10.195	91	398506	52.690	ug/l	96
68) m/p-Xylenes	10.299	106	303258	109.271	ug/l	96
69) o-Xylene	10.640	106	149680	53.305	ug/l	97
70) Styrene	10.653	104	247455	54.971	ug/l	97
71) Bromoform	10.799	173	51387	52.002	ug/l #	99
73) Isopropylbenzene	10.964	105	382227	52.735	ug/l	99
74) N-amyl acetate	10.842	43	175282	52.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	129501	51.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106791m	50.517	ug/l	
77) Bromobenzene	11.195	156	91662	52.151	ug/l	98
78) n-propylbenzene	11.305	91	428354	53.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	259611	50.109	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	312728	52.028	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32905	45.206	ug/l	97
82) 4-Chlorotoluene	11.451	91	296313	51.648	ug/l	100
83) tert-Butylbenzene	11.713	119	315339	53.085	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	314902	53.346	ug/l	99
85) sec-Butylbenzene	11.890	105	378572	52.496	ug/l	99
86) p-Isopropyltoluene	12.006	119	308993	51.481	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161986	52.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	160295	50.790	ug/l	98
89) n-Butylbenzene	12.329	91	265516	52.608	ug/l	99
90) Hexachloroethane	12.536	117	48574	55.440	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	166397	52.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23556	48.201	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	93745	53.639	ug/l	97
94) Hexachlorobutadiene	13.725	225	37797	53.766	ug/l	98
95) Naphthalene	13.774	128	341241	50.021	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95779	51.669	ug/l	98

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

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

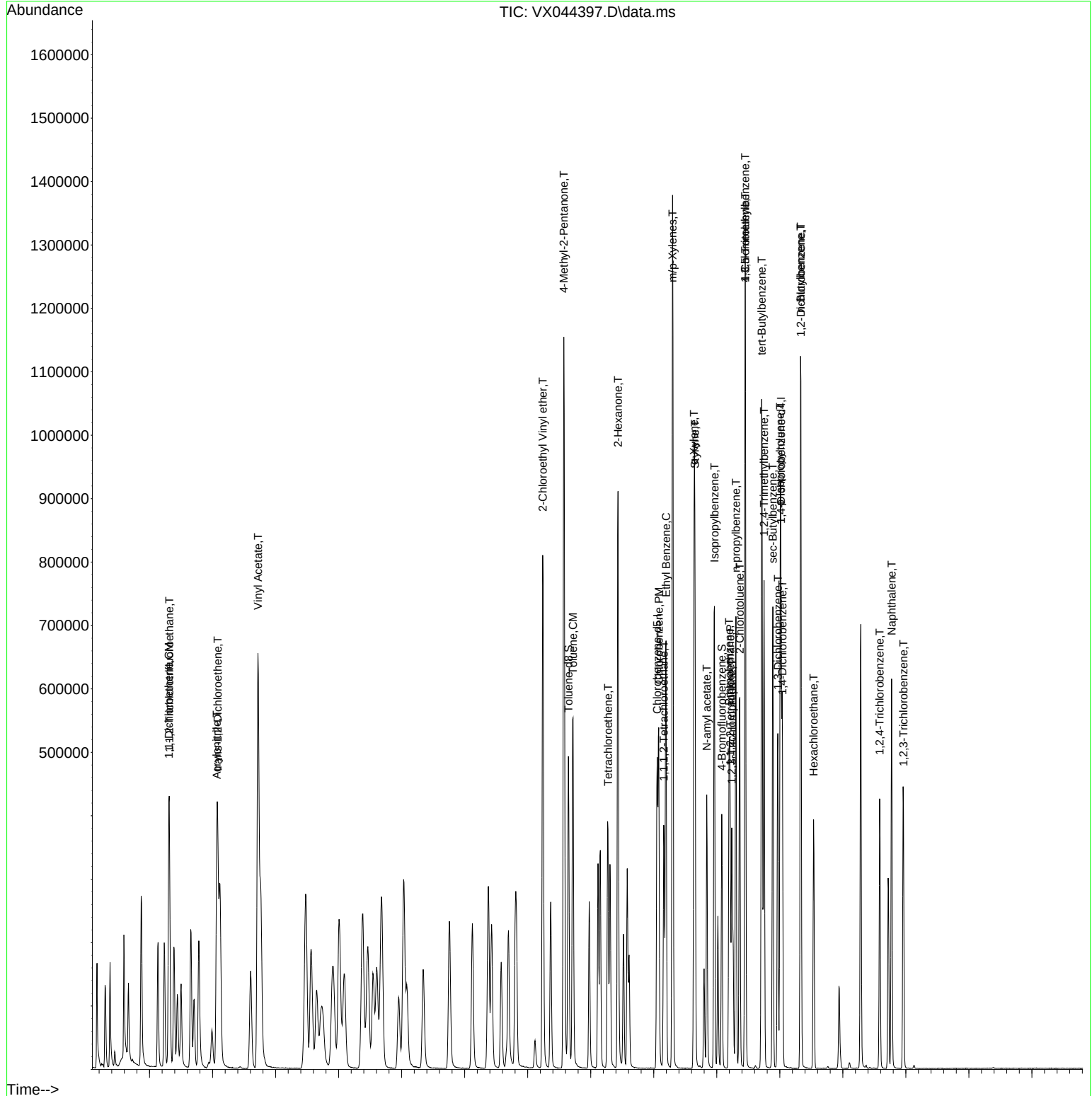
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
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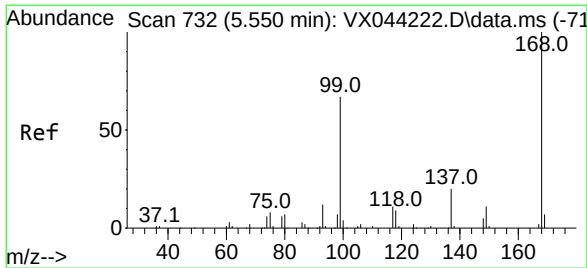
Instrument :
MSVOA_X
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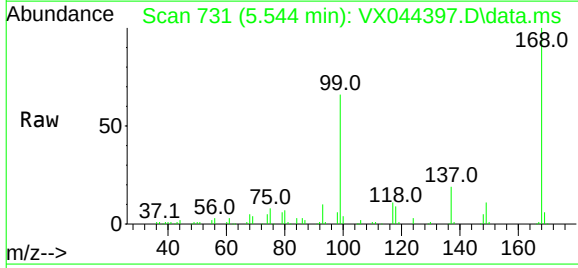
Reviewed By :John Carlone 12/20/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
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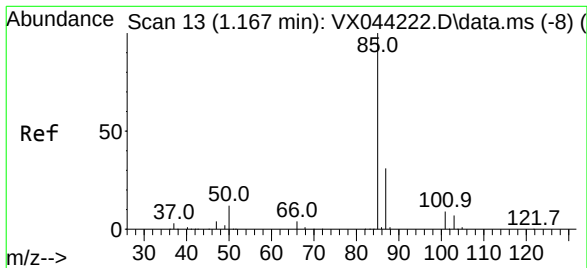
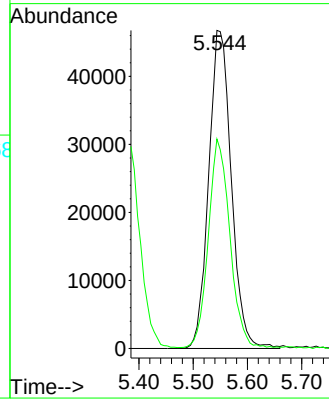
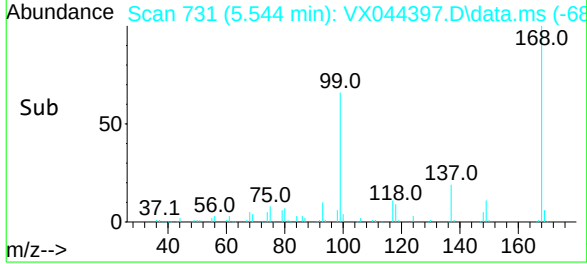
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



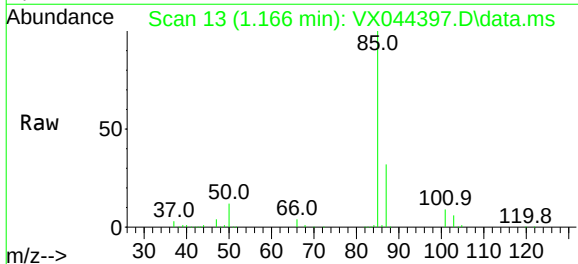
Tgt Ion: 168 Resp: 135217
Ion Ratio Lower Upper
168 100
99 65.5 53.4 80.0

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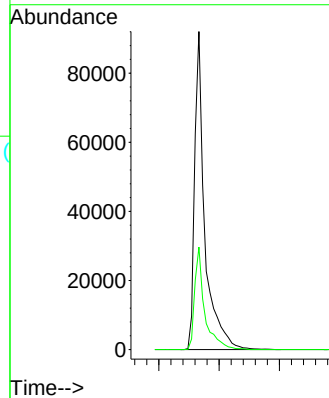
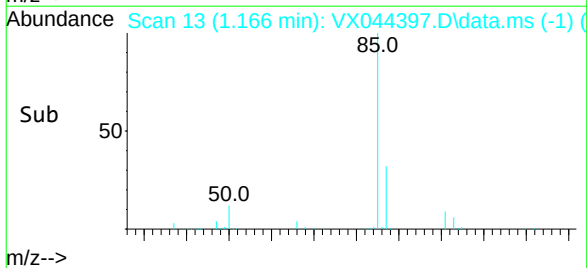
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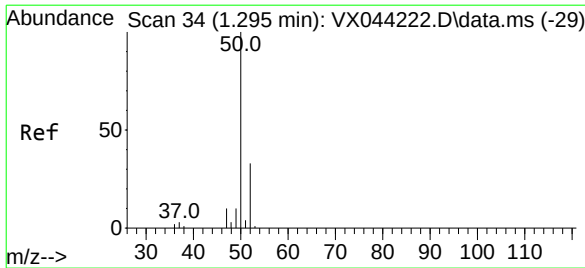


#2
Dichlorodifluoromethane
Concen: 51.383 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48



Tgt Ion: 85 Resp: 107432
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4





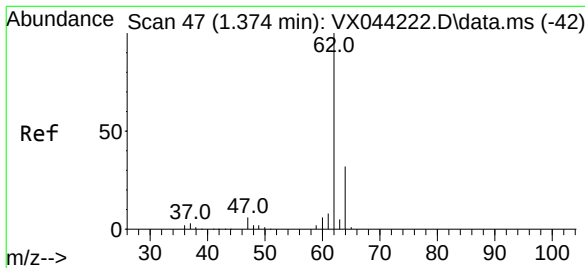
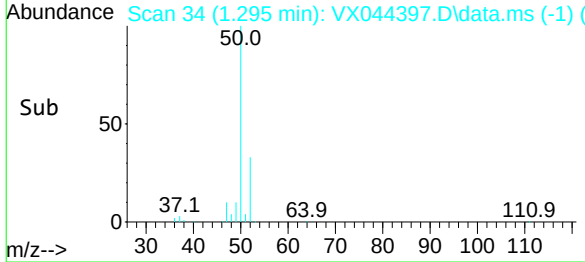
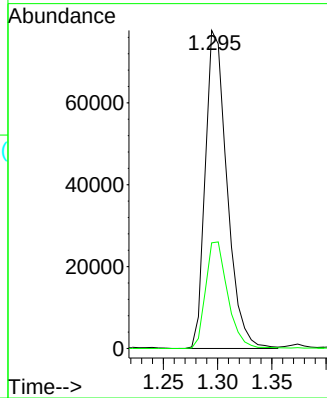
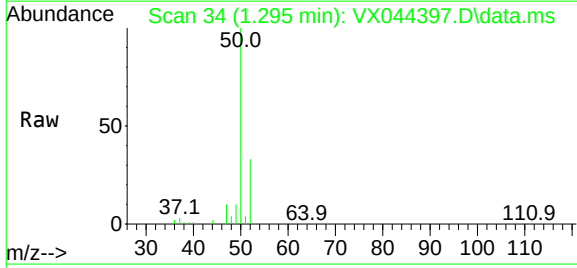
#3
Chloromethane
Concen: 54.116 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 50 Resp: 108198
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

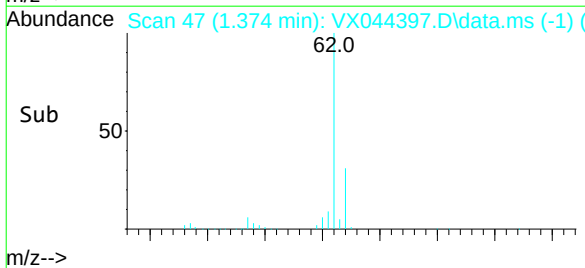
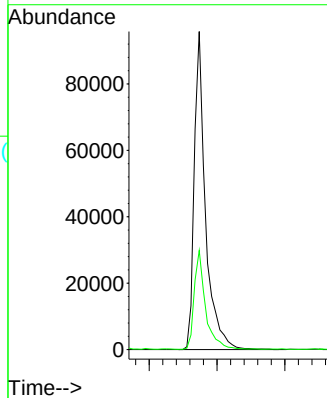
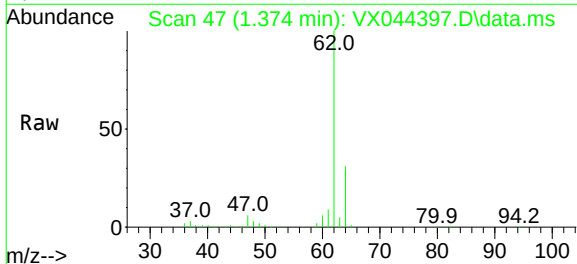
Manual Integrations
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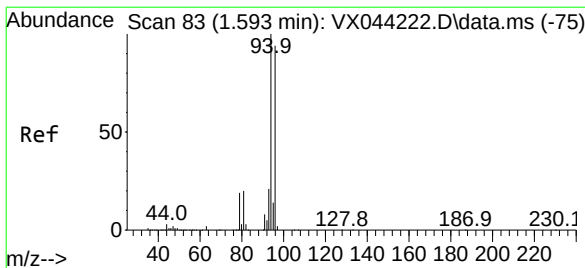
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 52.982 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 62 Resp: 110360
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5





#5

Bromomethane

Concen: 49.001 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 72410

Ion Ratio Lower Upper

94 100

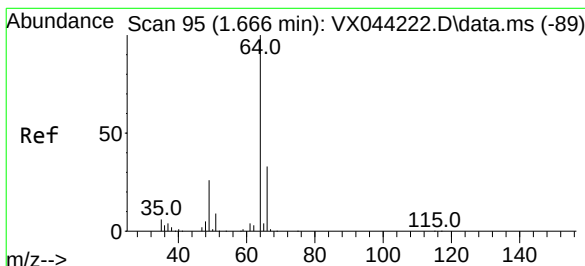
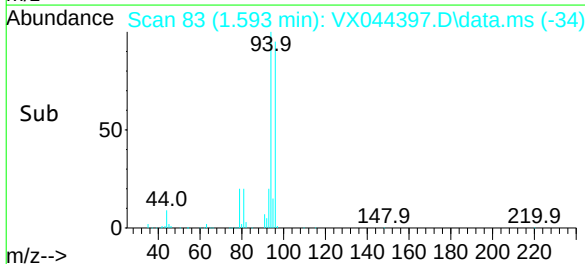
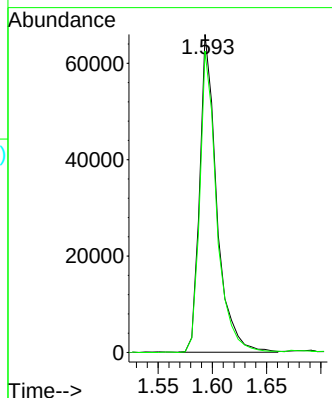
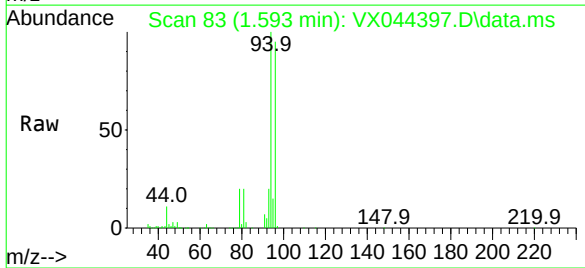
96 94.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 60.808 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044397.D

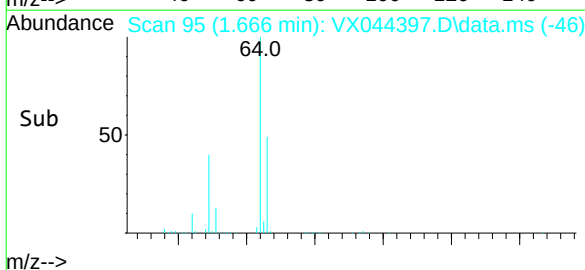
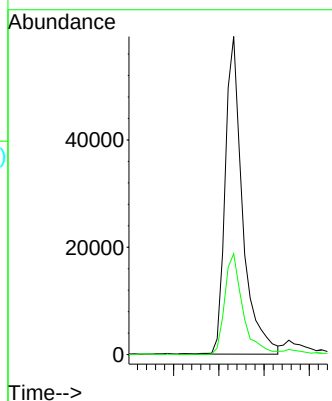
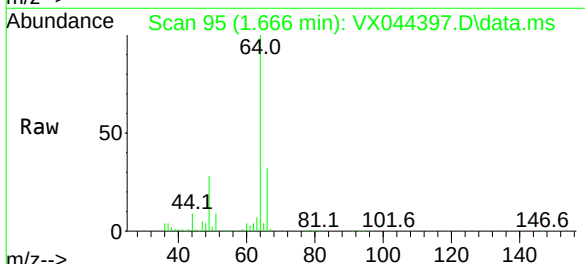
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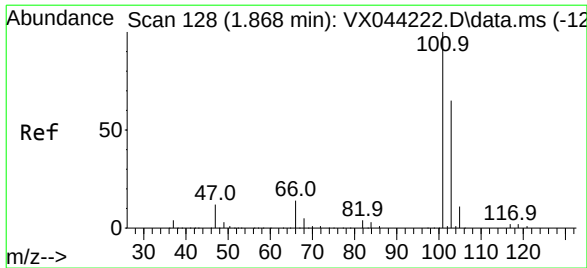
Tgt Ion: 64 Resp: 78870

Ion Ratio Lower Upper

64 100

66 31.8 26.6 39.8





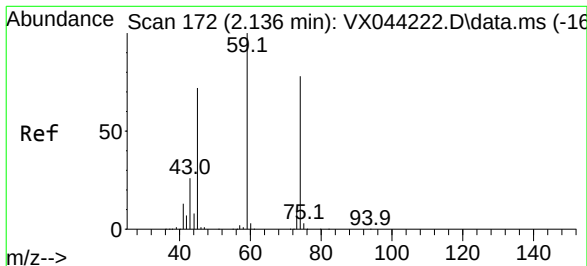
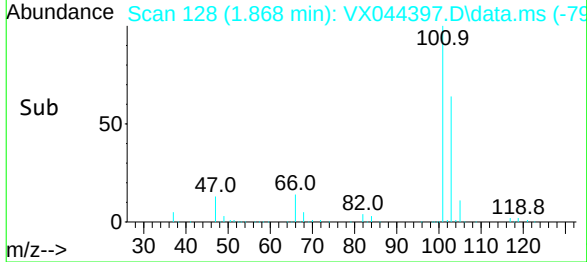
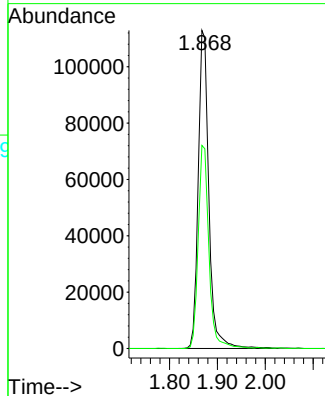
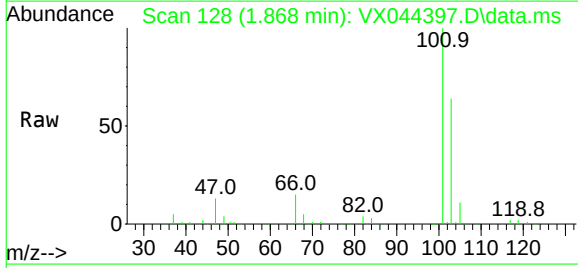
#7
 Trichlorofluoromethane
 Concen: 42.551 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044397.D
 Acq: 18 Dec 2024 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 173515
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.8

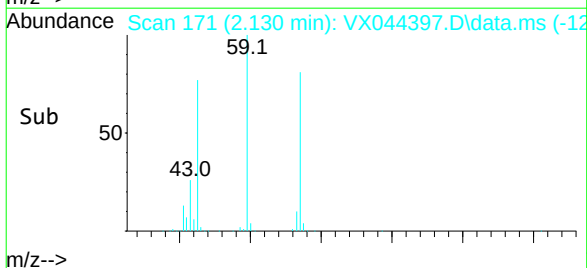
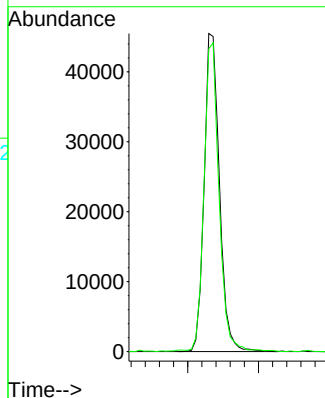
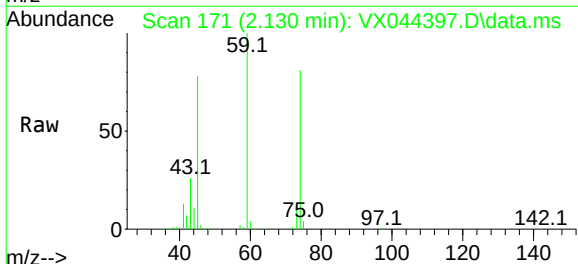
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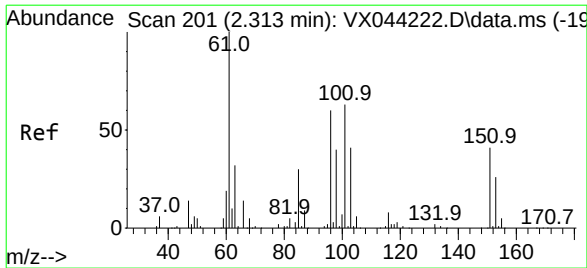
Reviewed By :John Carlone 12/20/2024
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#8
 Diethyl Ether
 Concen: 48.894 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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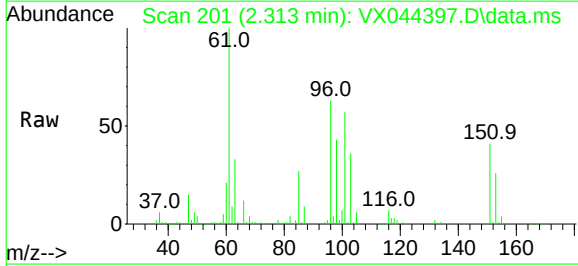
Tgt Ion: 74 Resp: 68057
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.568 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

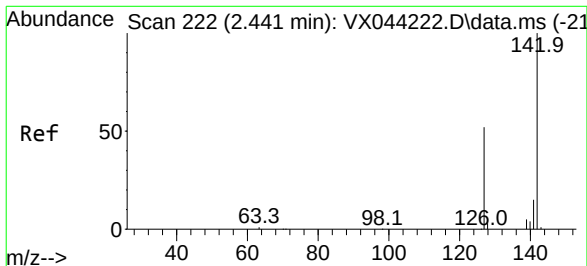
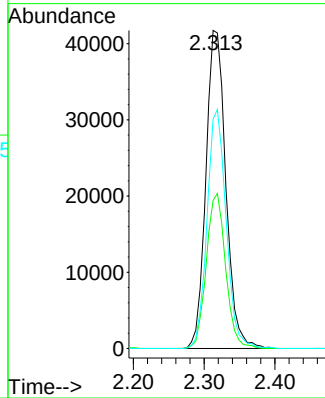
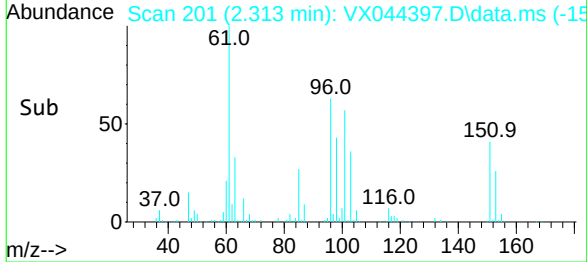
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 81792
Ion Ratio Lower Upper
101 100
85 47.2 38.5 57.7
151 72.2 55.8 83.6

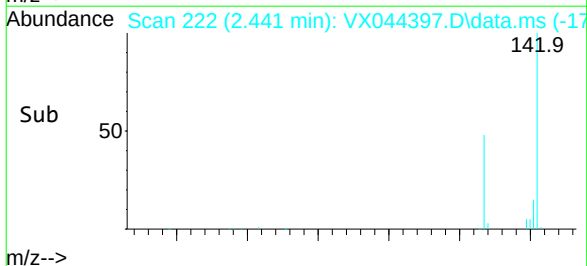
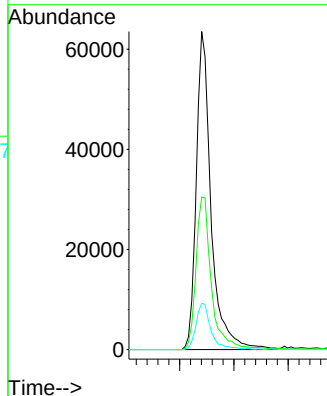
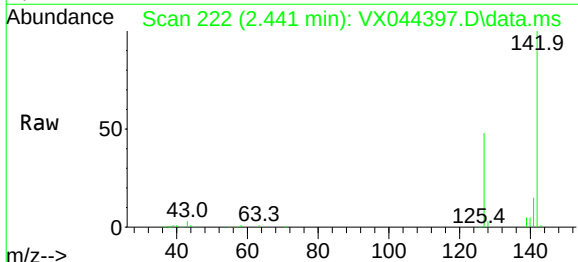
Manual Integrations
APPROVED

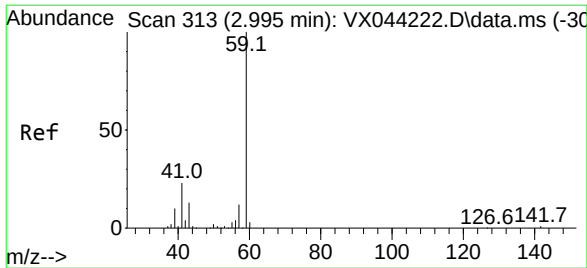
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 55.298 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion:142 Resp: 120260
Ion Ratio Lower Upper
142 100
127 50.0 41.8 62.8
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 233.146 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 77901

Ion Ratio Lower Upper

59 100

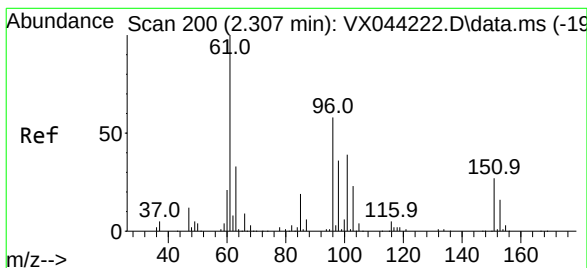
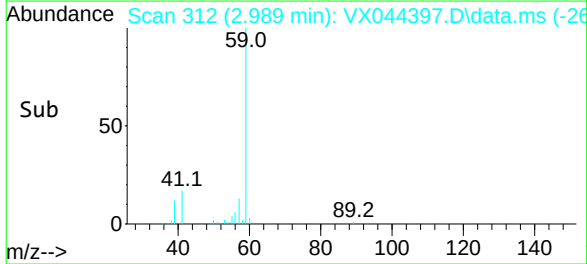
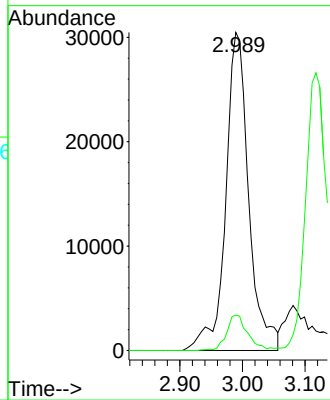
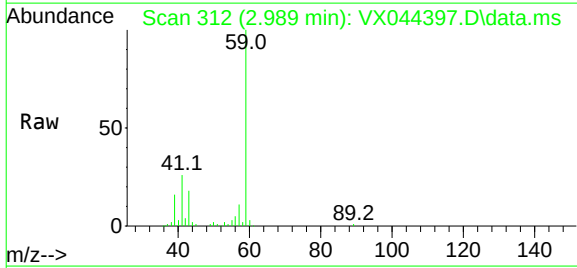
57 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 54.088 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

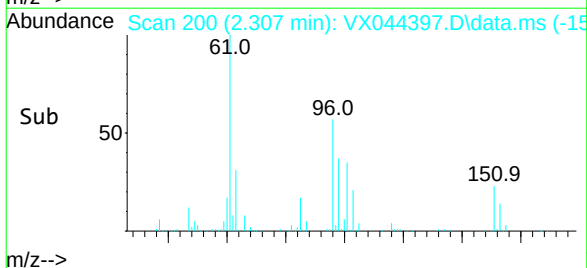
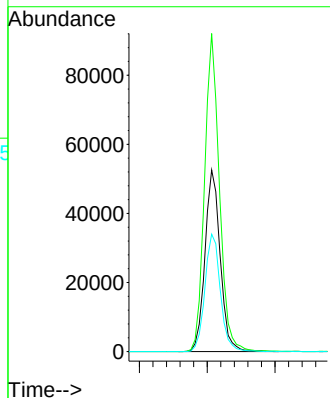
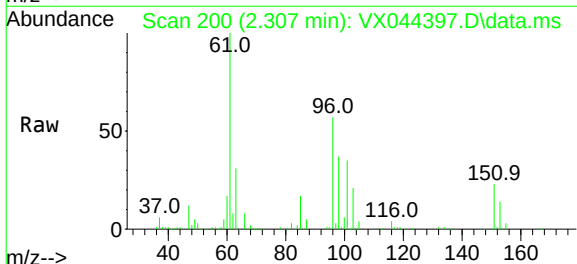
Tgt Ion: 96 Resp: 81977

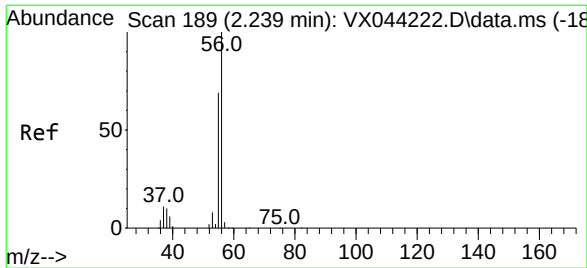
Ion Ratio Lower Upper

96 100

61 175.1 138.0 207.0

98 64.7 50.0 75.0





#13

Acrolein

Concen: 287.785 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 139192

Ion Ratio Lower Upper

56 100

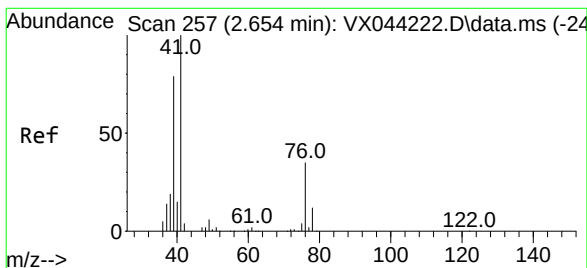
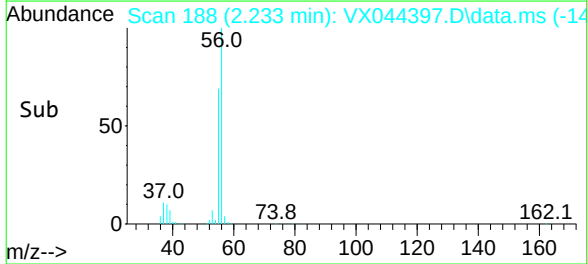
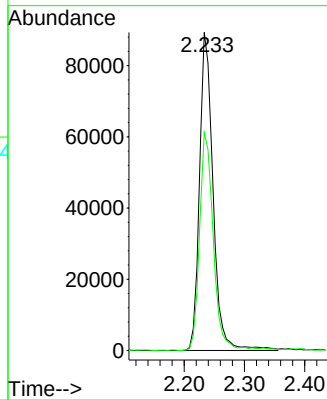
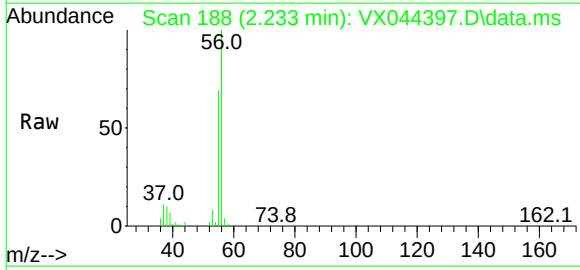
55 69.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 52.597 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

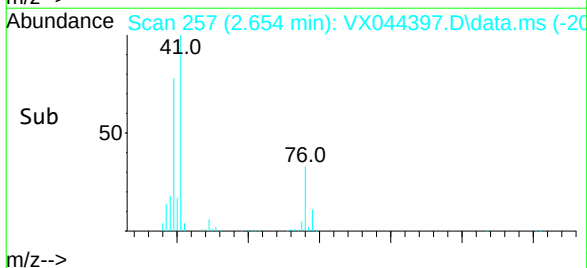
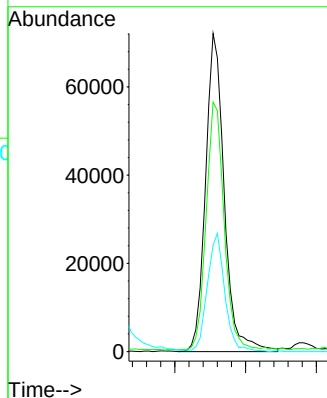
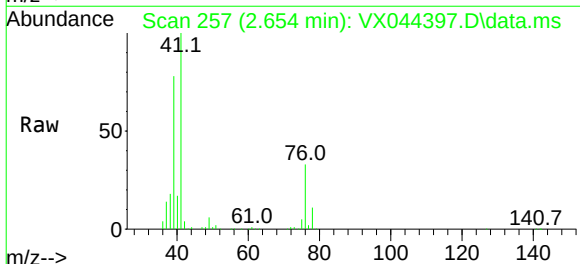
Tgt Ion: 41 Resp: 132780

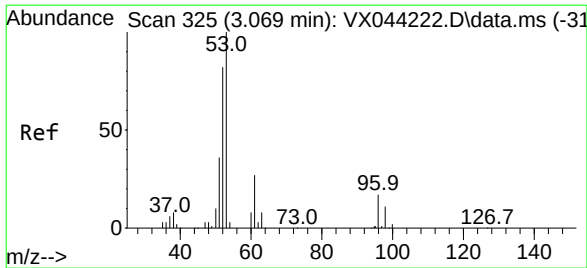
Ion Ratio Lower Upper

41 100

39 74.3 61.9 92.9

76 34.6 27.4 41.2





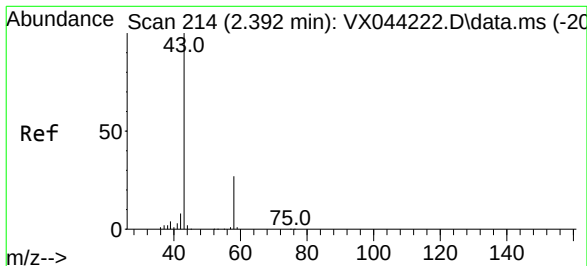
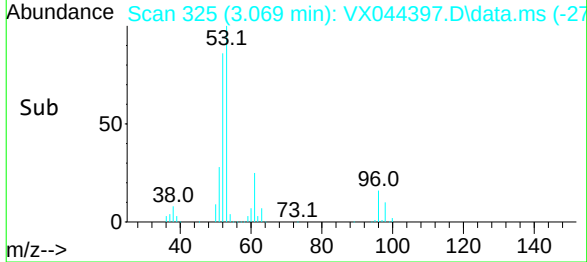
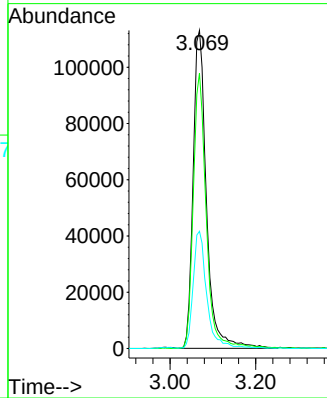
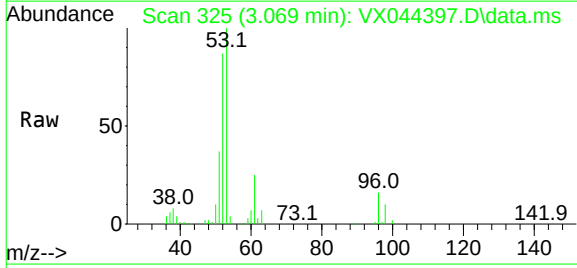
#15
Acrylonitrile
Concen: 264.238 ug/l
RT: 3.069 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 244567
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.0
51 37.4 30.3 45.5

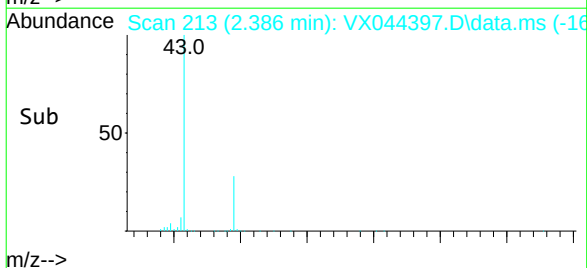
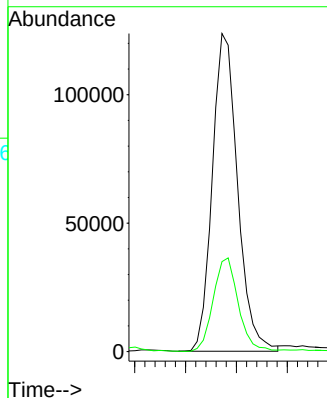
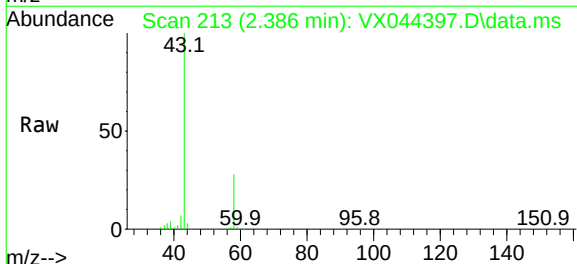
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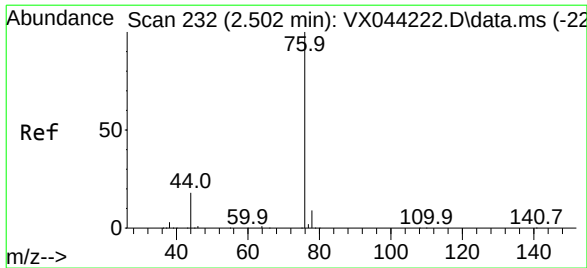
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 221.165 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 43 Resp: 213764
Ion Ratio Lower Upper
43 100
58 28.2 21.6 32.4





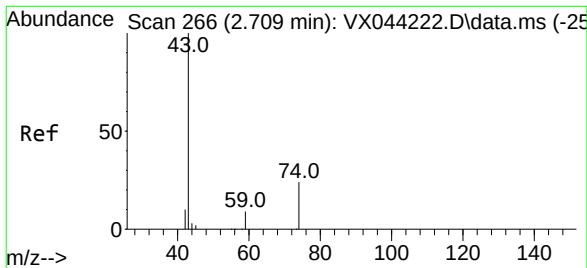
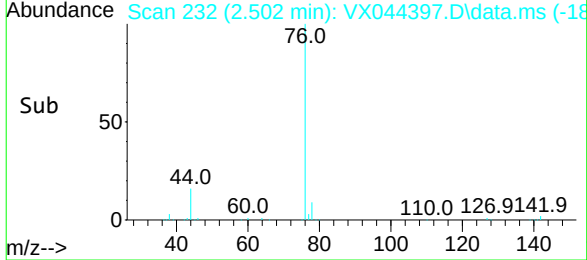
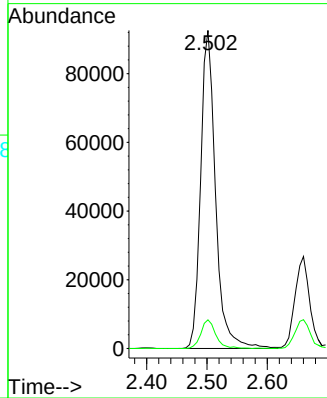
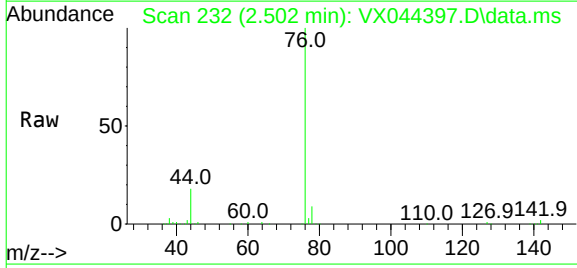
#17
Carbon Disulfide
Concen: 55.140 ug/l
RT: 2.502 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 158857
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

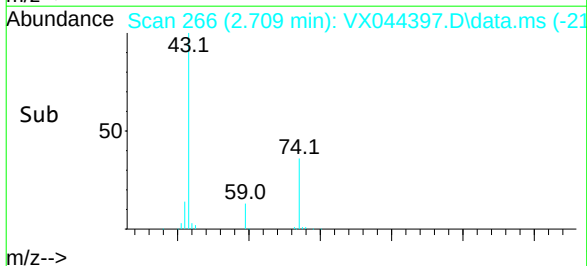
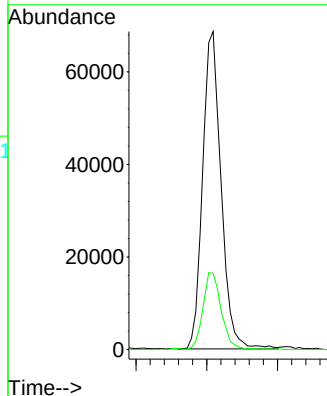
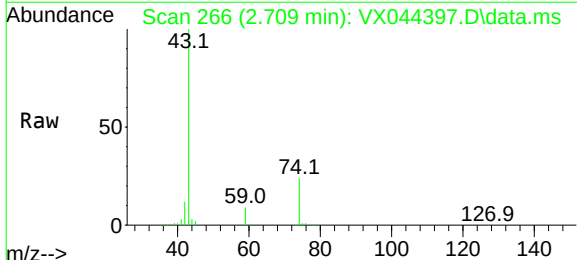
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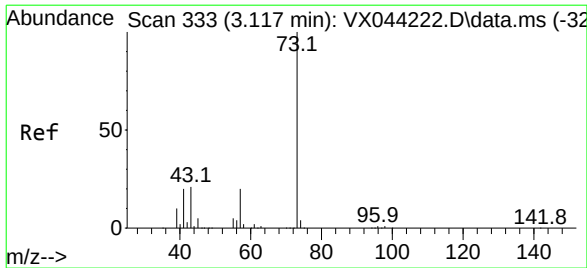
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 49.781 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 43 Resp: 124059
Ion Ratio Lower Upper
43 100
74 24.4 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 49.423 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 292313

Ion Ratio Lower Upper

73 100

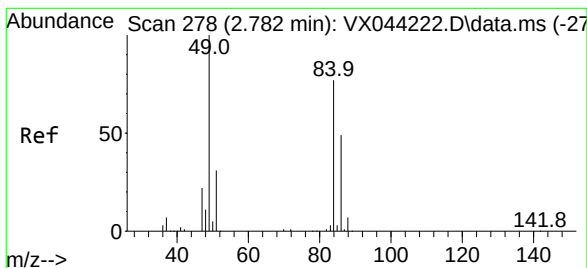
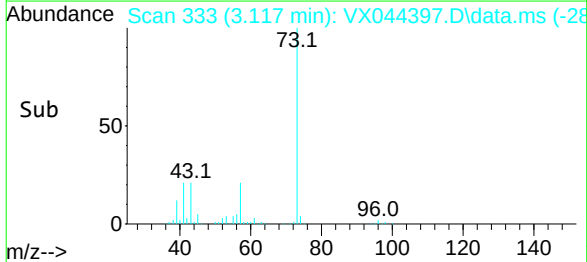
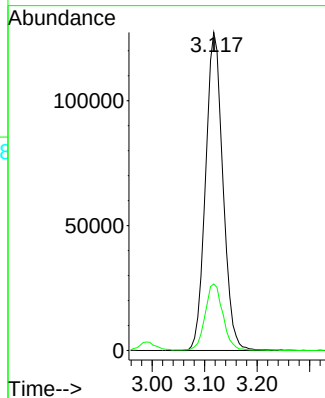
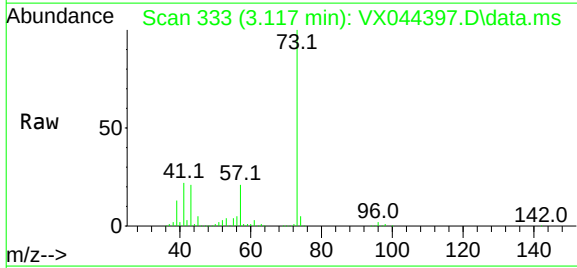
57 20.8 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 51.666 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion: 84 Resp: 93795

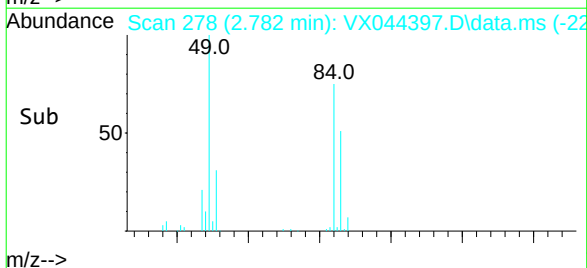
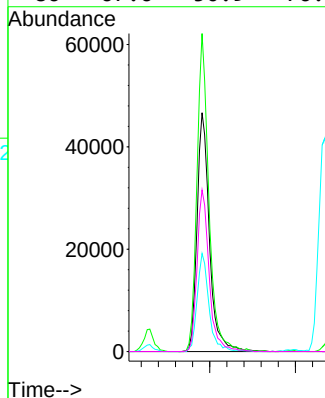
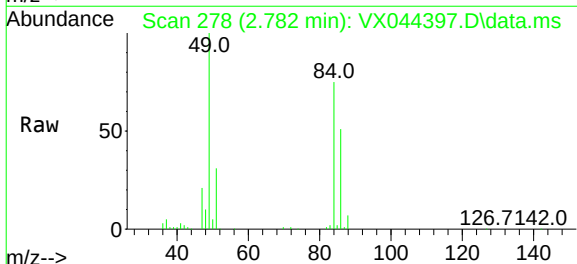
Ion Ratio Lower Upper

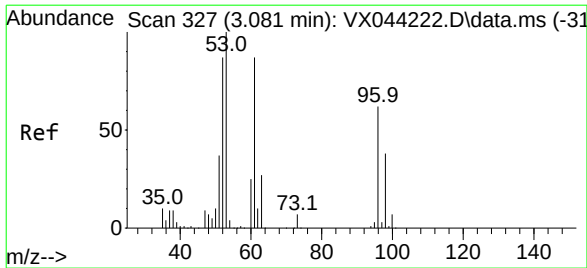
84 100

49 133.2 104.2 156.4

51 41.1 32.2 48.4

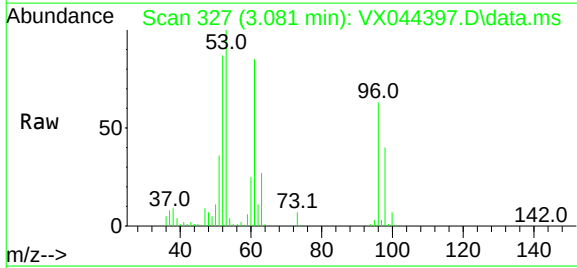
86 67.6 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 52.232 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

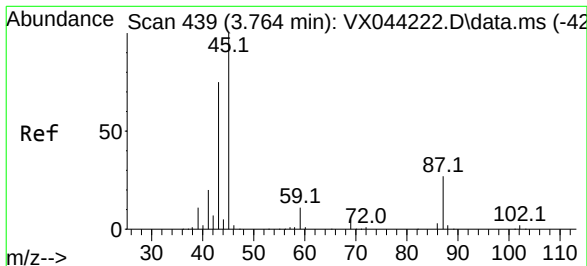
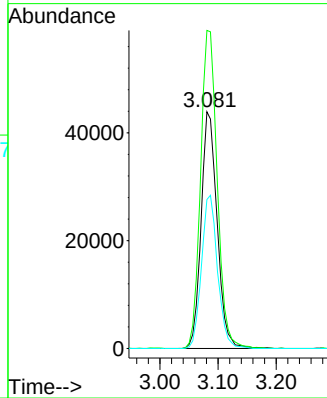
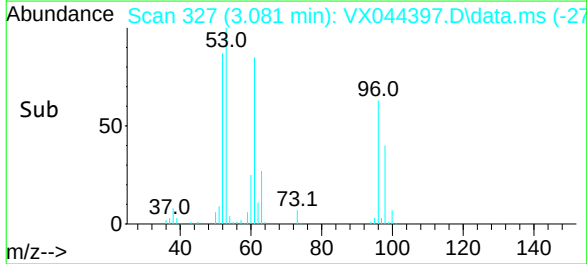
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 84135
Ion Ratio Lower Upper
96 100
61 134.4 112.0 168.0
98 62.9 48.8 73.2

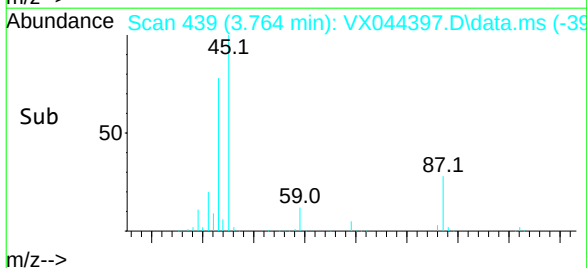
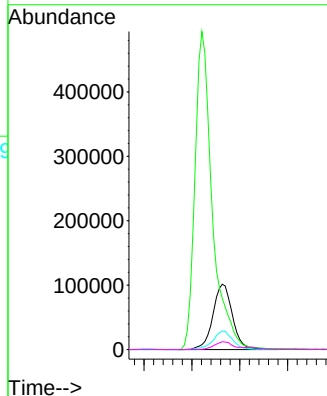
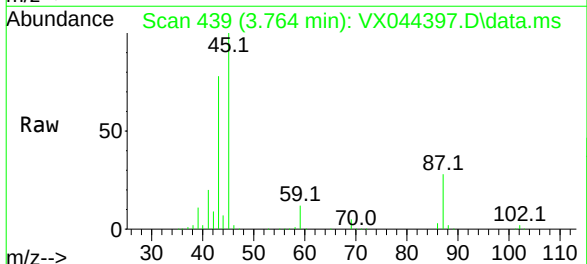
Manual Integrations
APPROVED

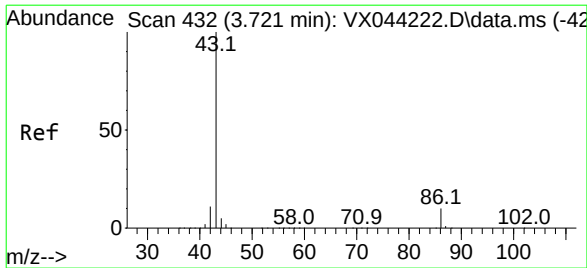
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
Diisopropyl ether
Concen: 50.590 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 45 Resp: 287589
Ion Ratio Lower Upper
45 100
43 78.2 60.2 90.2
87 28.2 21.2 31.8
59 12.1 8.9 13.3





#23

Vinyl Acetate

Concen: 270.083 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1248223

Ion Ratio Lower Upper

43 100

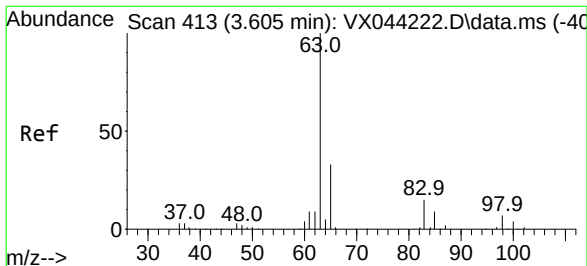
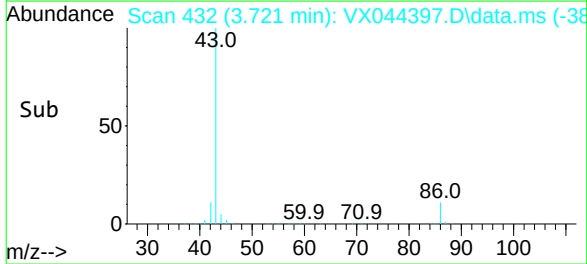
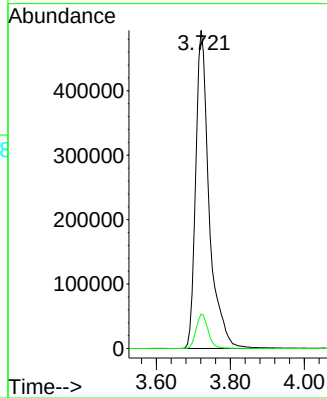
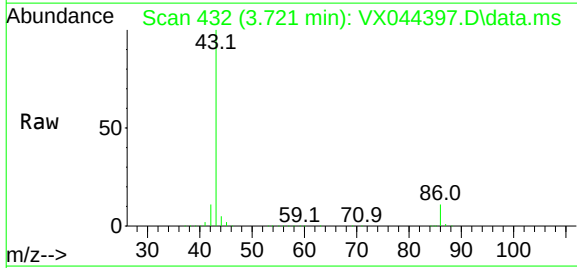
86 10.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 52.681 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

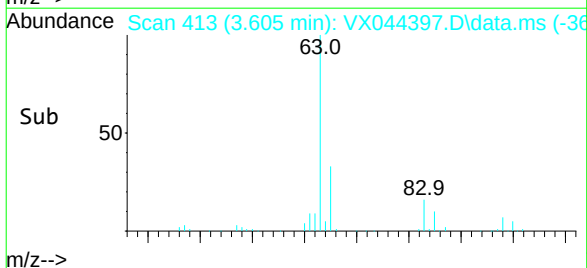
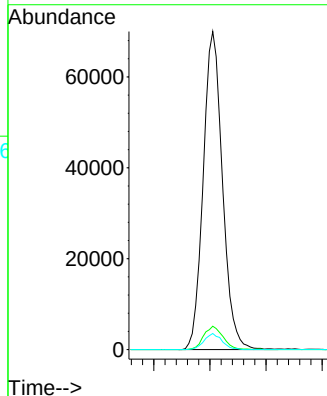
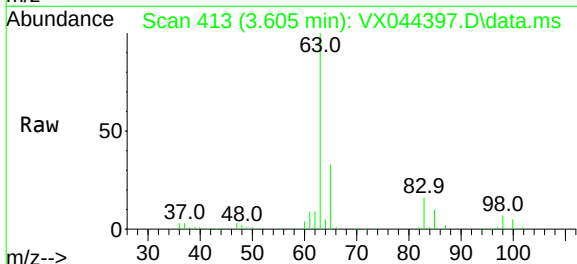
Tgt Ion: 63 Resp: 166932

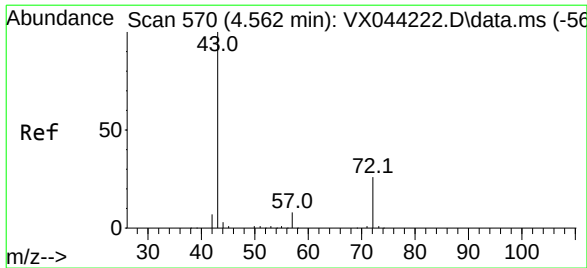
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 5.1 2.1 6.3





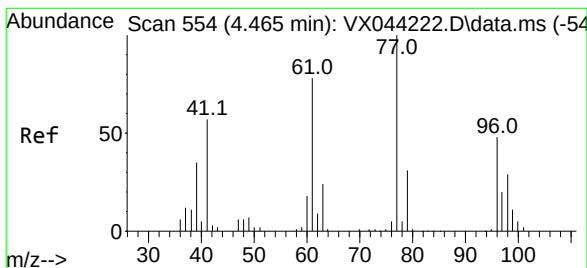
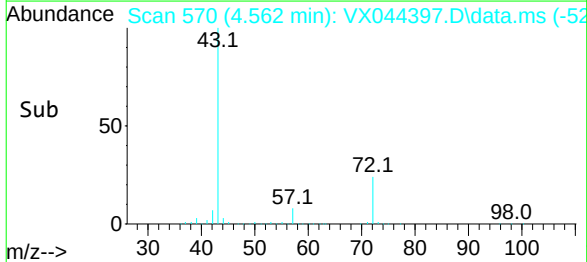
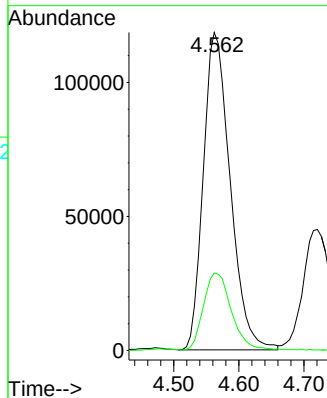
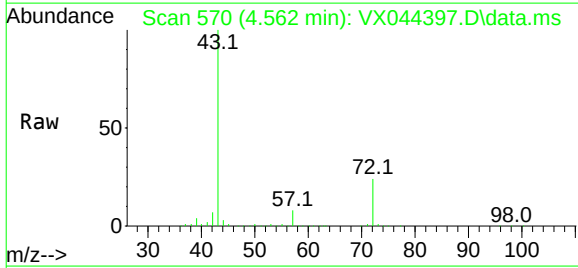
#25
2-Butanone
Concen: 247.114 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 339552
Ion Ratio Lower Upper
43 100
72 24.2 20.2 30.4

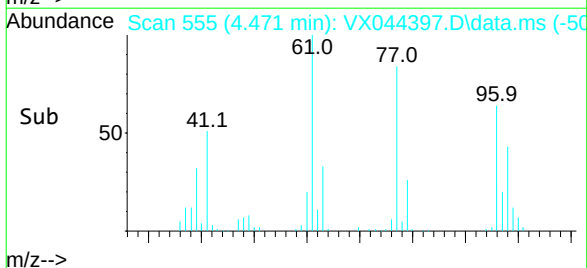
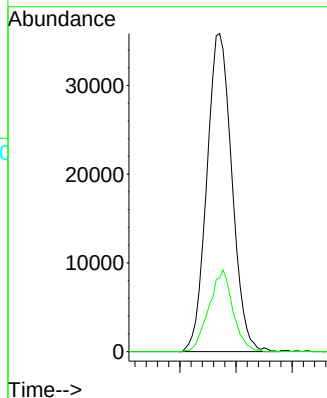
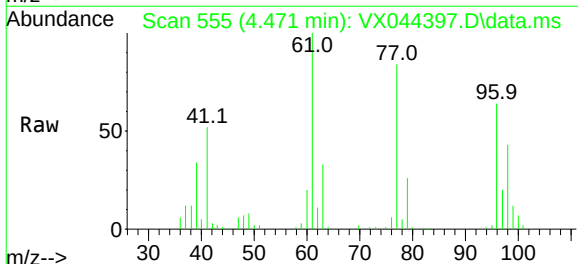
Manual Integrations
APPROVED

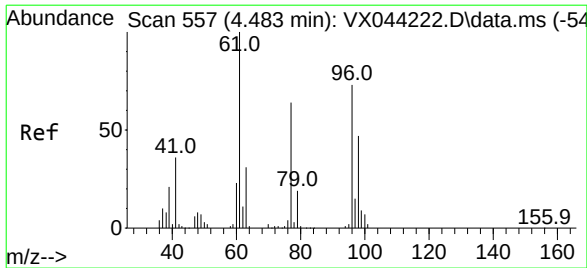
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 43.294 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

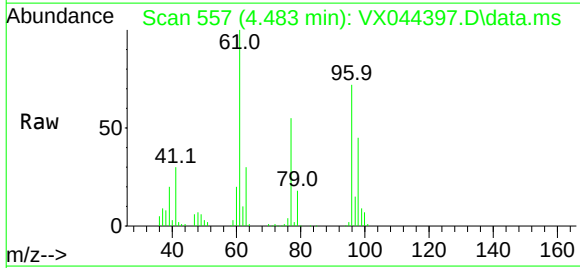
Tgt Ion: 77 Resp: 111451
Ion Ratio Lower Upper
77 100
97 24.4 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 50.631 ug/l
RT: 4.483 min Scan# 55
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

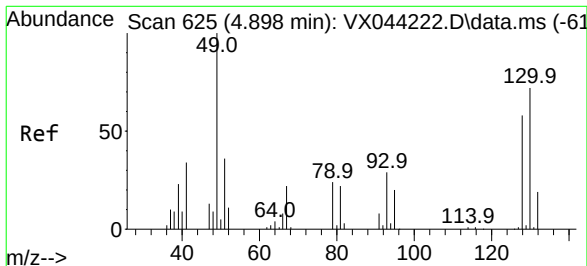
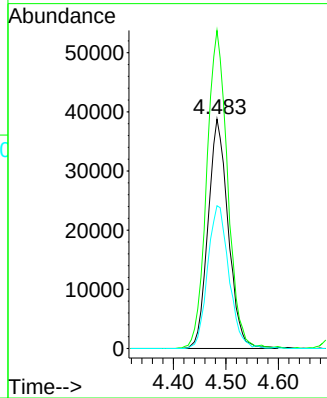
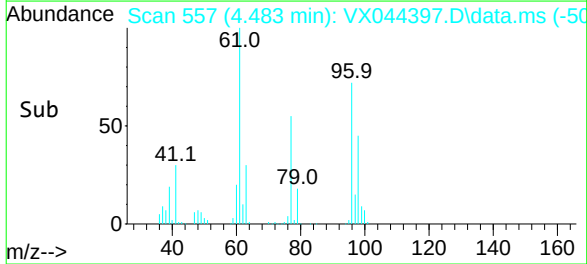
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 103578
Ion Ratio Lower Upper
96 100
61 143.4 0.0 299.0
98 65.7 0.0 129.0

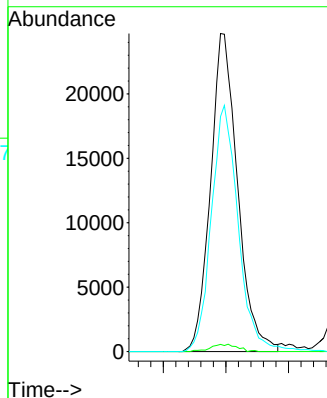
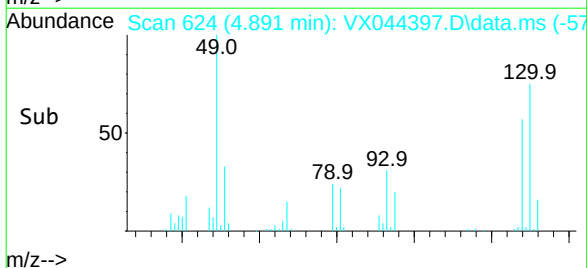
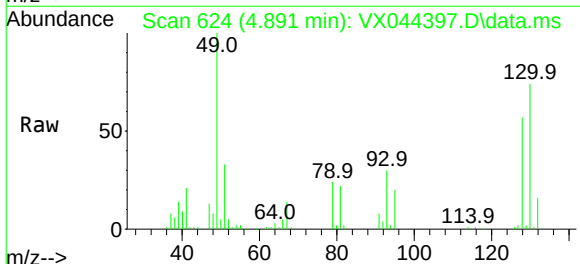
Manual Integrations
APPROVED

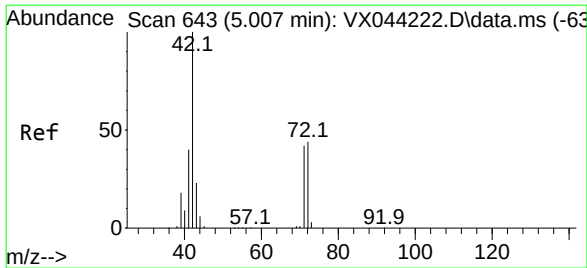
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Bromochloromethane
Concen: 47.791 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 49 Resp: 74260
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 77.0 62.1 93.1





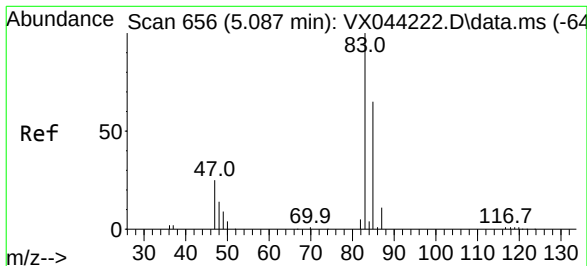
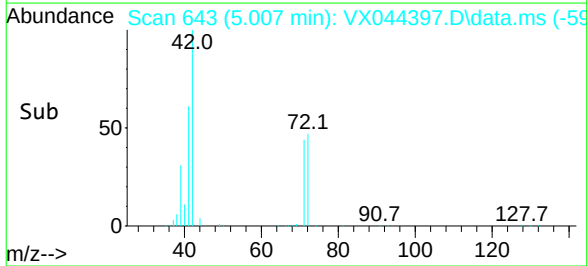
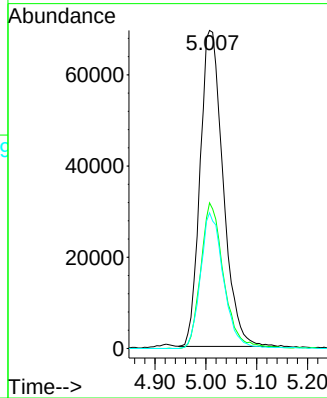
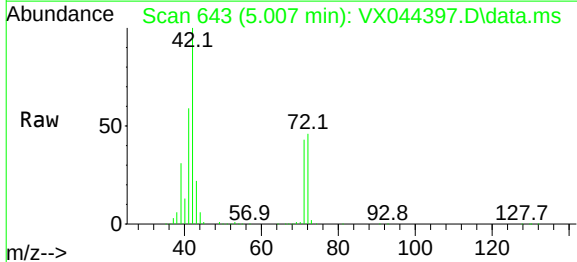
#29
Tetrahydrofuran
Concen: 246.831 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 217698
Ion Ratio Lower Upper
42 100
72 46.0 37.0 55.6
71 42.8 33.6 50.4

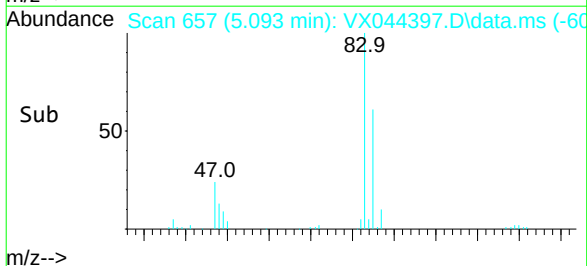
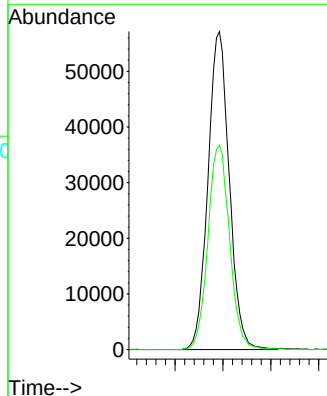
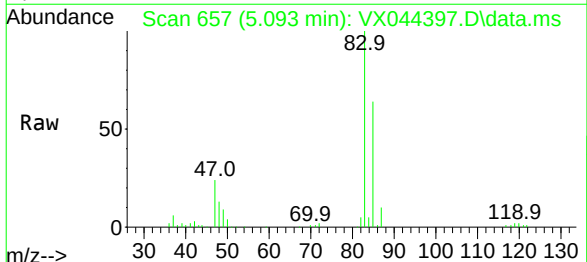
Manual Integrations
APPROVED

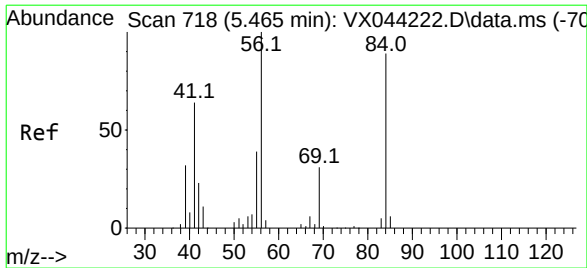
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 49.644 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 83 Resp: 176742
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4





#31

Cyclohexane

Concen: 49.582 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044397.D

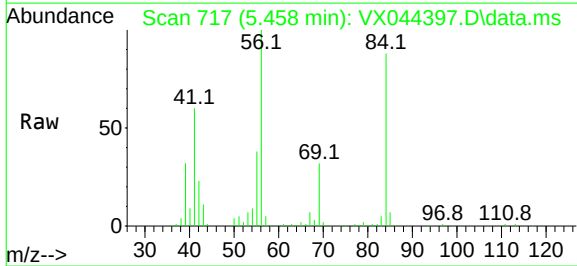
Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 126871

Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

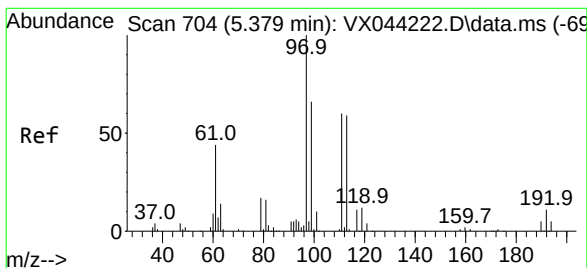
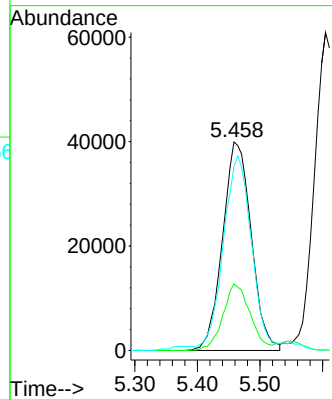
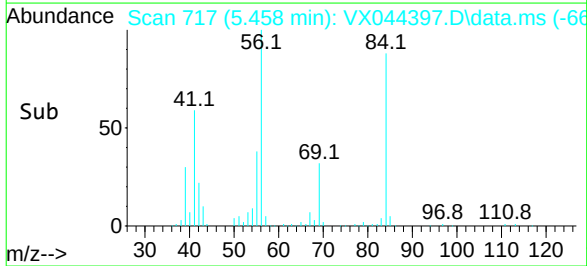
84 86.3 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 51.614 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

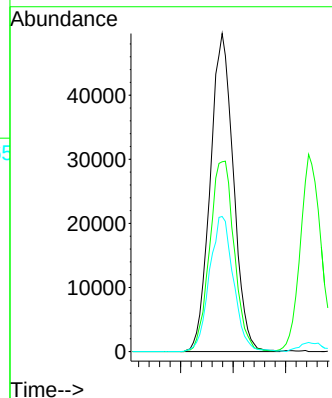
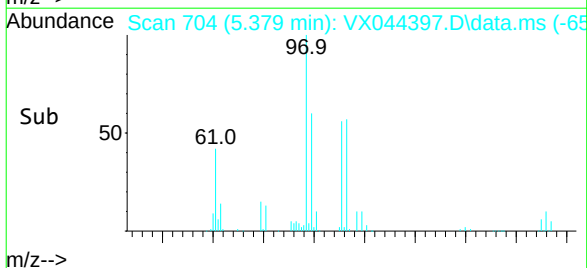
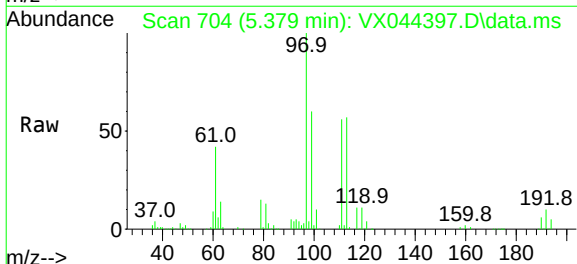
Tgt Ion: 97 Resp: 152533

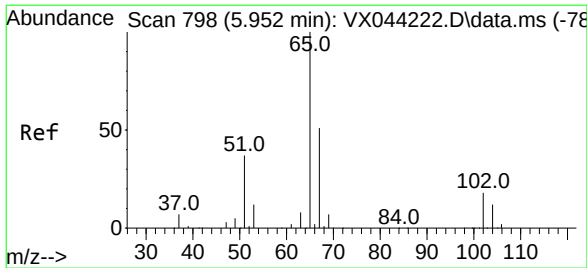
Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 43.9 35.2 52.8





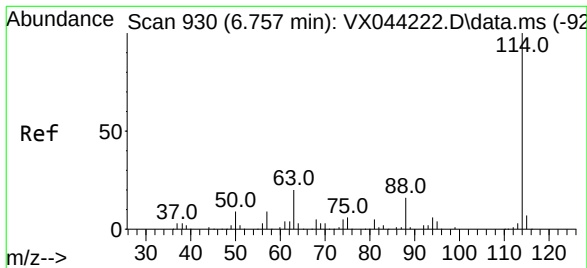
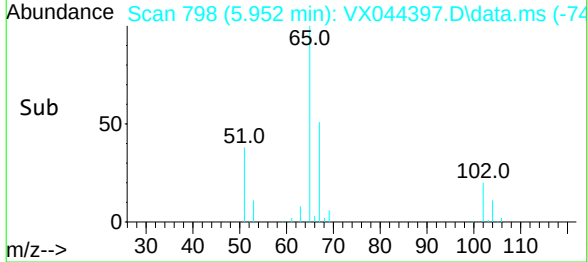
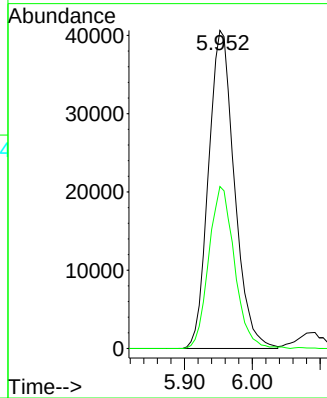
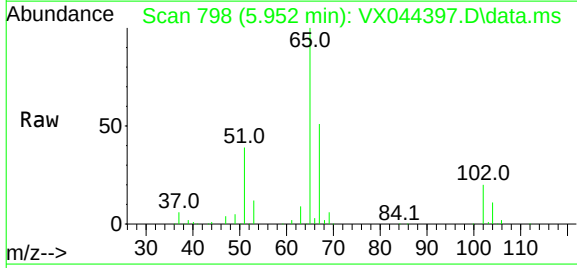
#33
1,2-Dichloroethane-d4
Concen: 45.507 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 107888
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

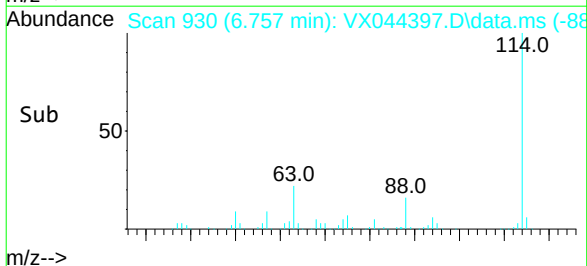
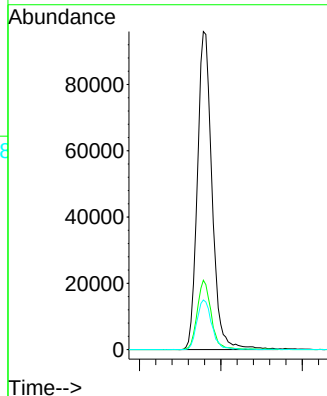
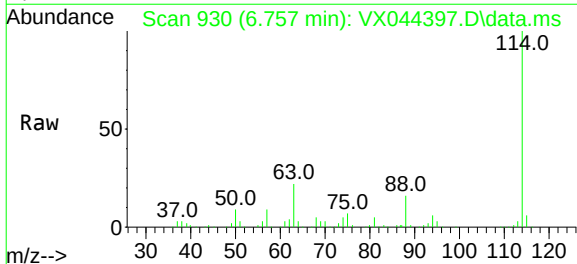
Manual Integrations
APPROVED

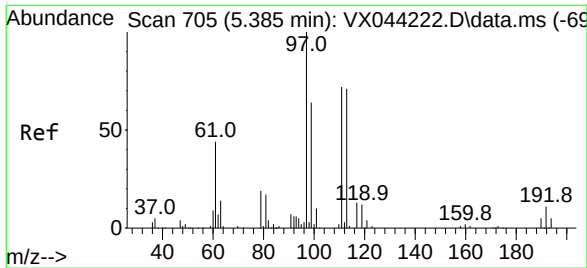
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion:114 Resp: 239936
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.6
88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.157 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

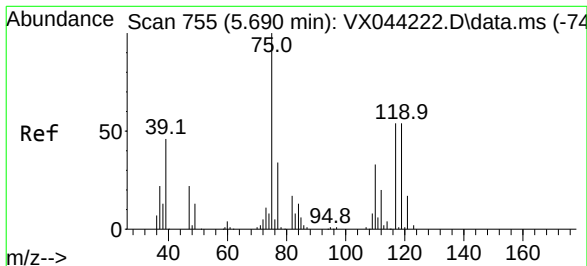
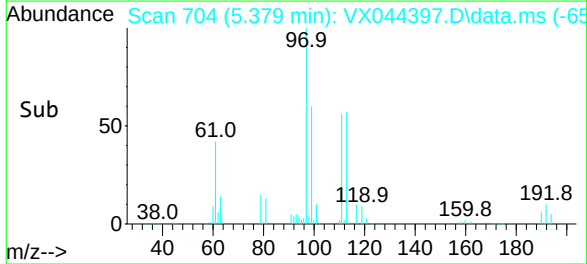
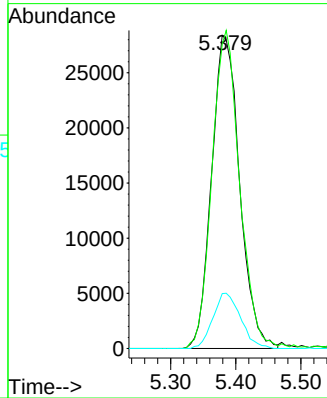
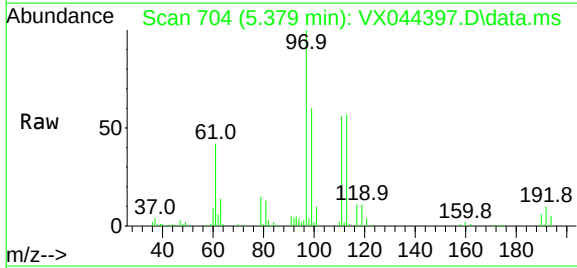
Tgt Ion:	113	Resp:	85012
Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.4	120.6
192	17.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

1,1-Dichloropropene

Concen: 51.438 ug/l

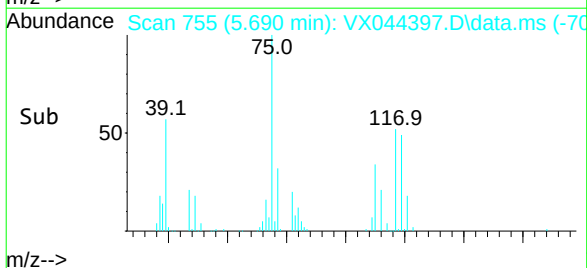
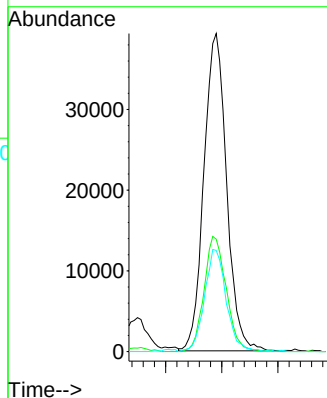
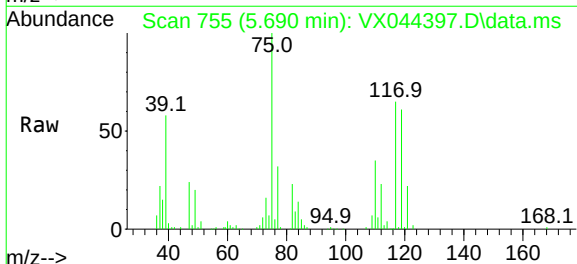
RT: 5.690 min Scan# 755

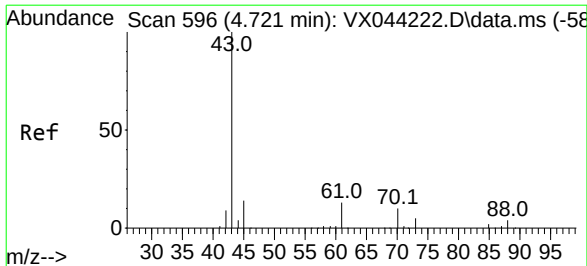
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	75	Resp:	110493
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.3	51.7
77	30.8	25.4	38.0





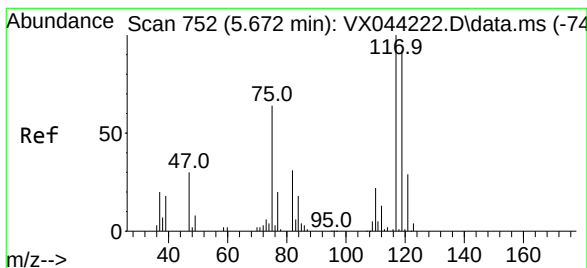
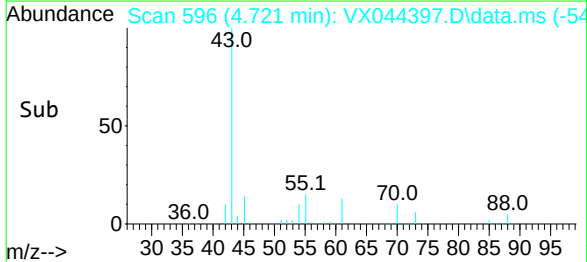
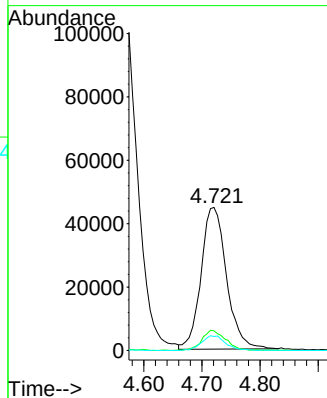
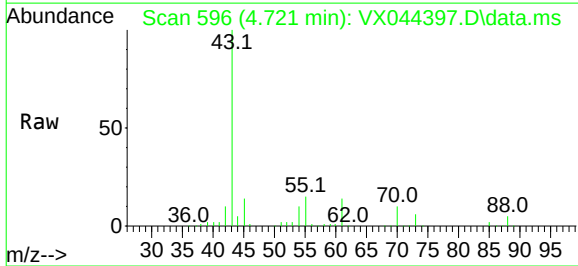
#37
Ethyl Acetate
Concen: 51.297 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 136208
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 9.8 7.7 11.5

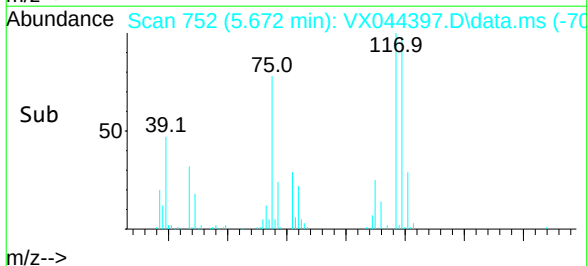
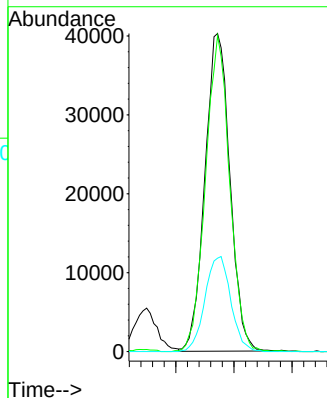
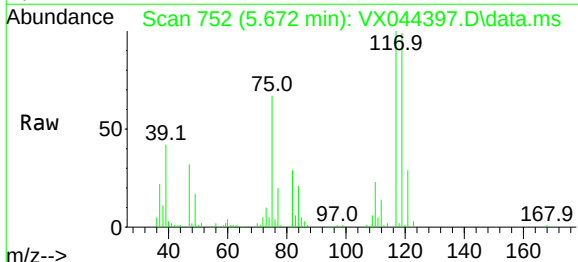
Manual Integrations
APPROVED

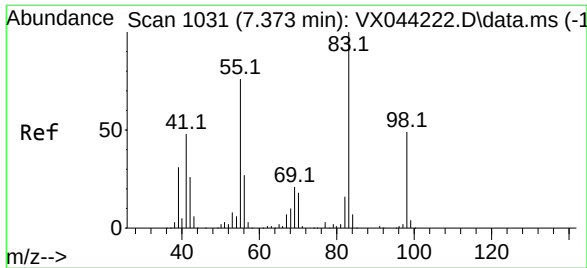
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 52.064 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion:117 Resp: 120403
Ion Ratio Lower Upper
117 100
119 99.3 74.2 111.4
121 29.4 23.0 34.6





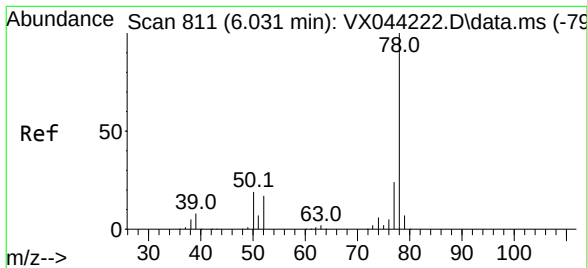
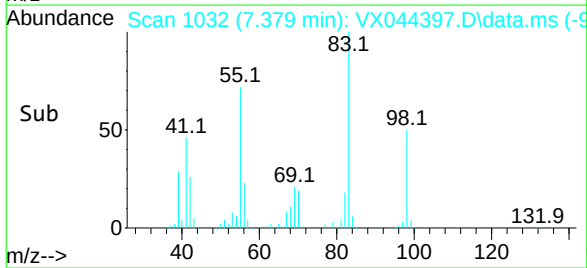
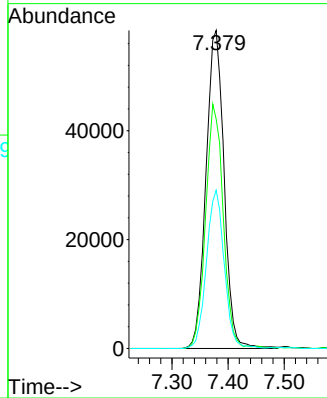
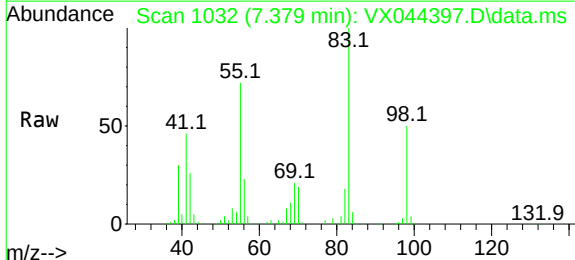
#39
Methylcyclohexane
Concen: 50.884 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130669
Ion Ratio Lower Upper
83 100
55 72.1 60.7 91.1
98 49.8 38.9 58.3

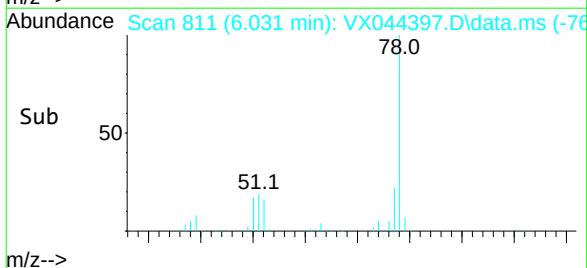
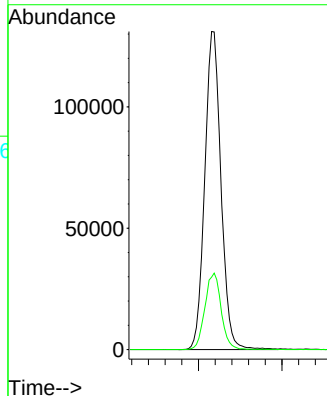
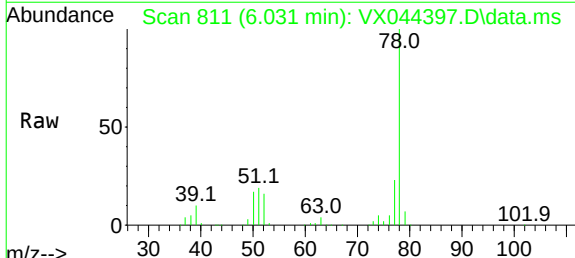
Manual Integrations
APPROVED

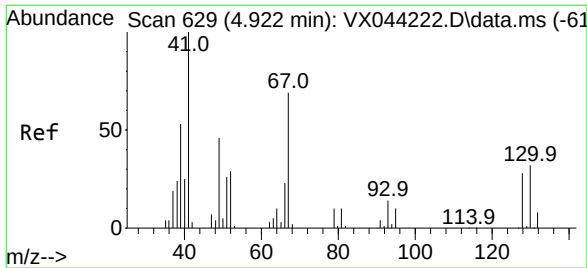
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 54.246 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 78 Resp: 353789
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





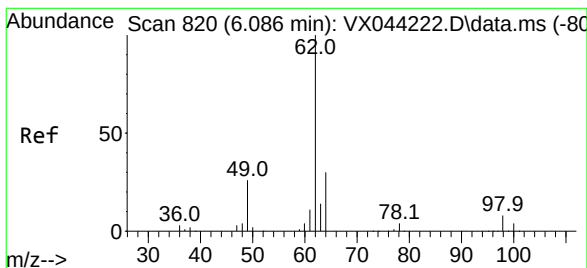
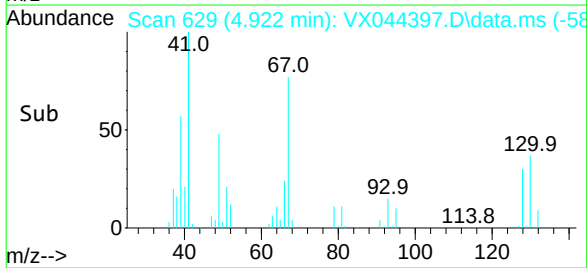
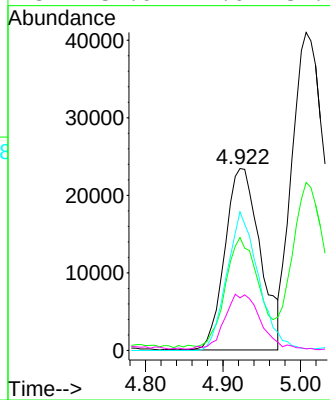
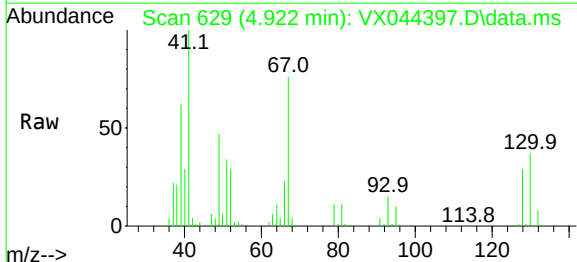
#41
Methacrylonitrile
Concen: 52.726 ug/l
RT: 4.922 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	74342
Ion	Ratio	Lower	Upper
41	100		
39	57.4	44.2	66.4
67	69.0	57.2	85.8
52	31.6	24.6	37.0

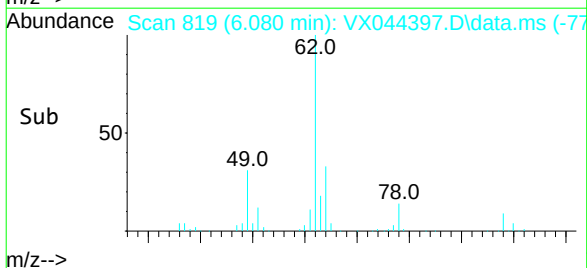
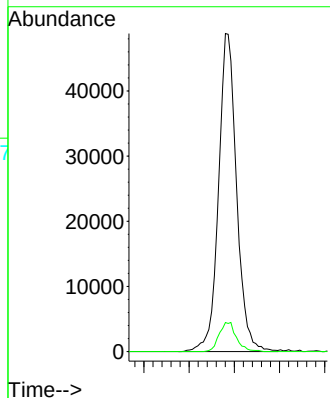
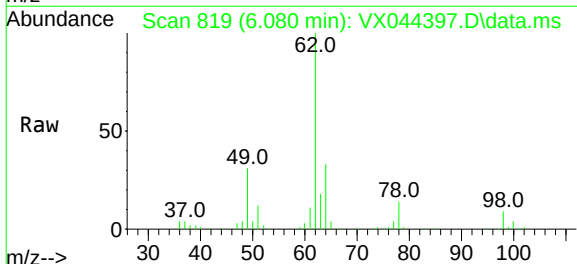
Manual Integrations
APPROVED

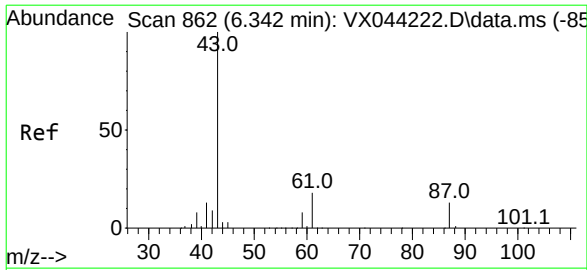
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 50.400 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion:	62	Resp:	135405
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.907 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

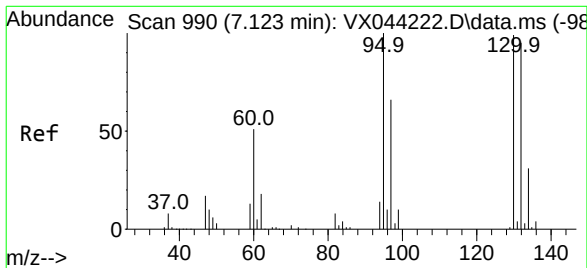
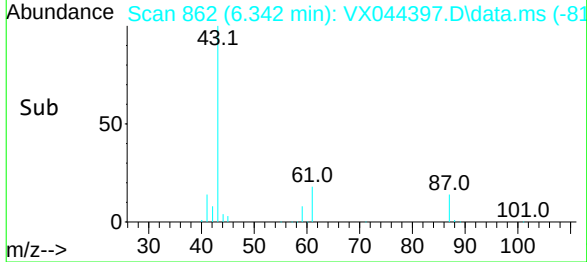
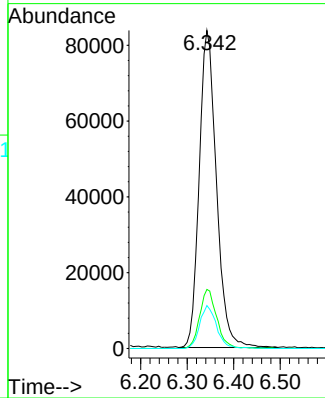
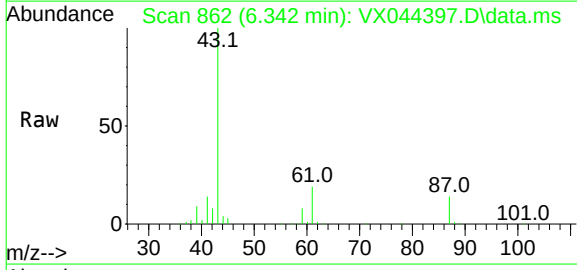
Tgt Ion:	43	Resp:	215421
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 52.403 ug/l

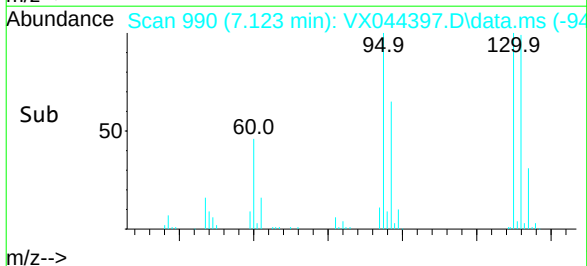
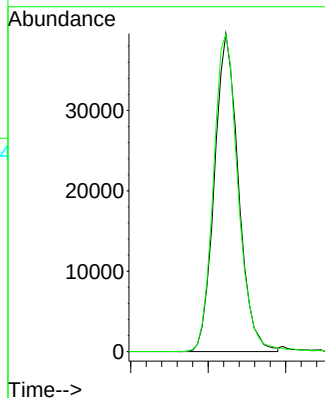
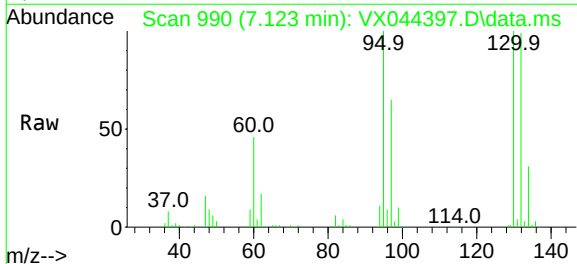
RT: 7.123 min Scan# 990

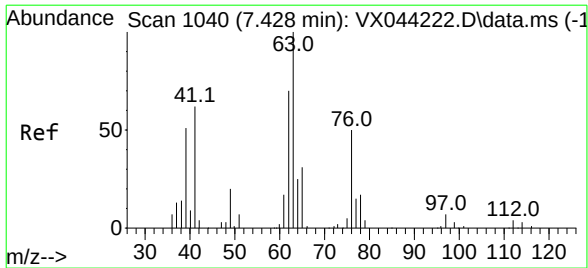
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	130	Resp:	85228
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	201.4





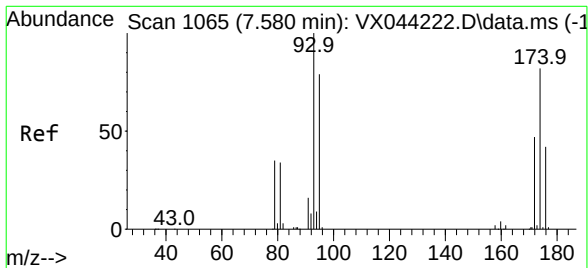
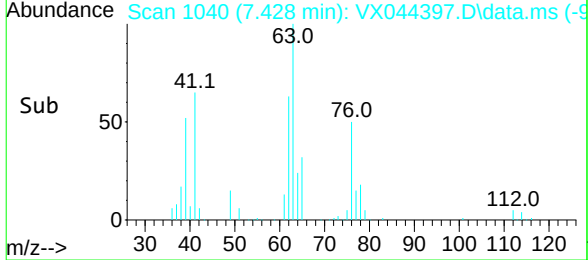
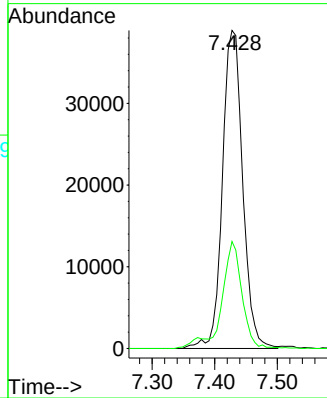
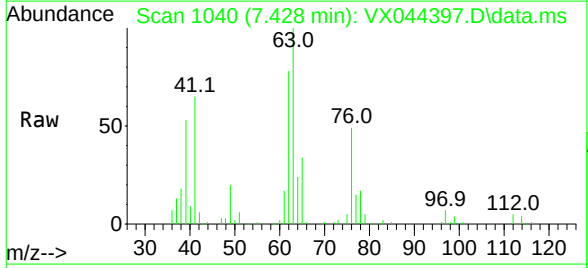
#45
1,2-Dichloropropane
Concen: 52.551 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 87563
Ion Ratio Lower Upper
63 100
65 33.3 24.6 37.0

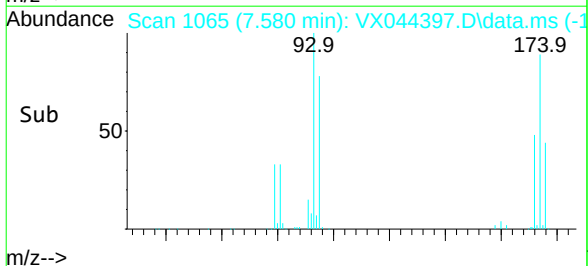
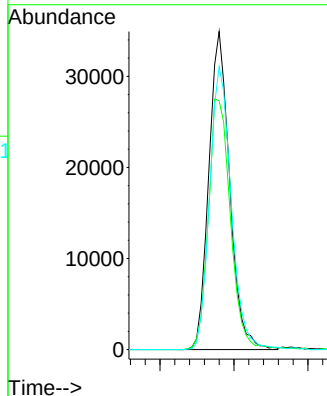
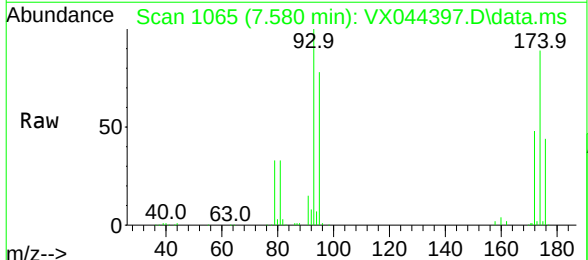
Manual Integrations
APPROVED

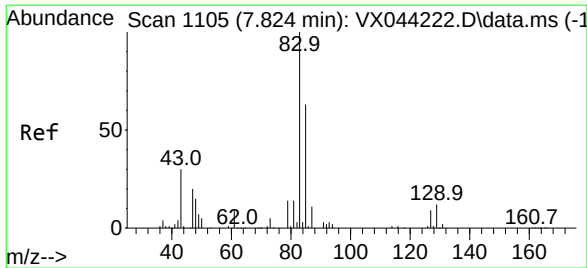
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 52.923 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 93 Resp: 68412
Ion Ratio Lower Upper
93 100
95 83.6 65.4 98.2
174 92.0 67.9 101.9





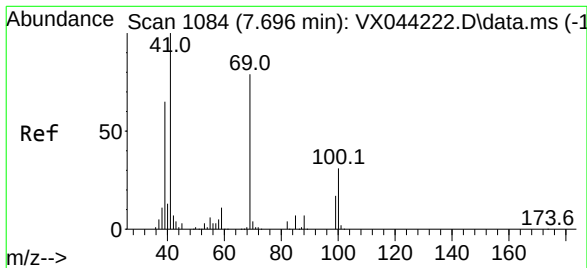
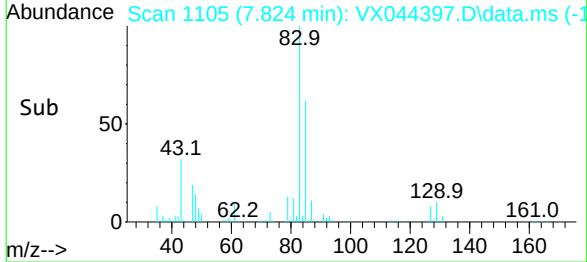
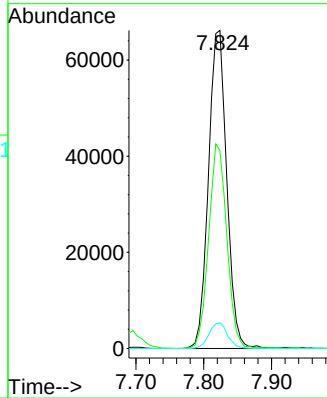
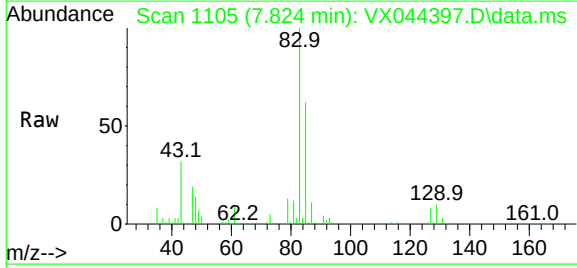
#47
Bromodichloromethane
Concen: 55.381 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123638
Ion Ratio Lower Upper
83 100
85 62.2 50.6 75.8
127 8.1 7.3 10.9

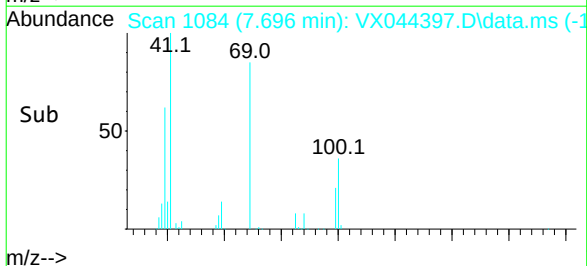
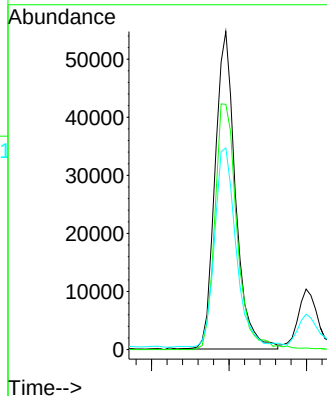
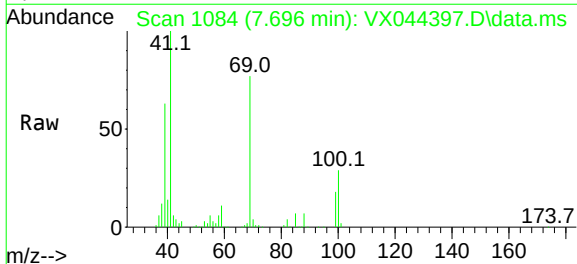
Manual Integrations
APPROVED

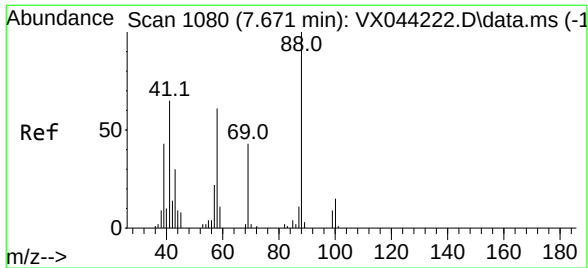
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 49.782 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

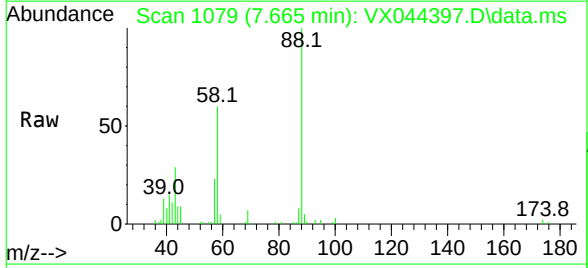
Tgt Ion: 41 Resp: 100291
Ion Ratio Lower Upper
41 100
69 83.8 62.4 93.6
39 65.6 53.3 79.9





#49
1,4-Dioxane
Concen: 762.005 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

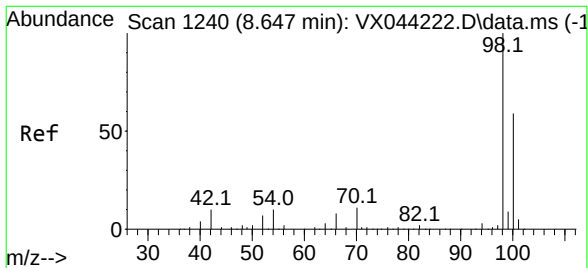
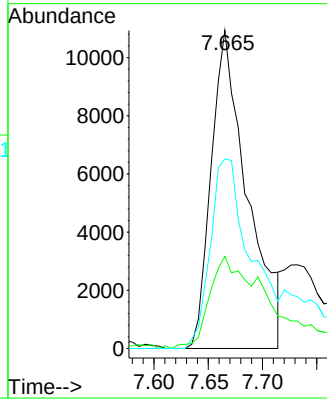
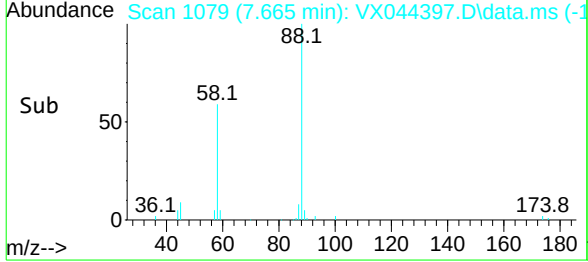
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 88 Resp: 25452
Ion Ratio Lower Upper
88 100
43 47.8 27.1 40.7#
58 67.0 41.0 61.4#

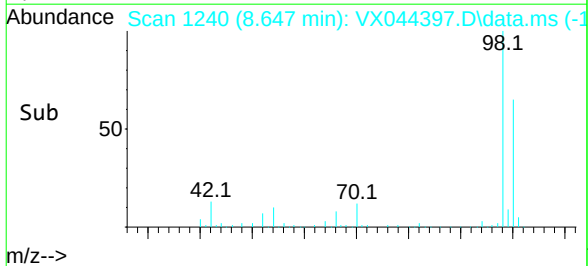
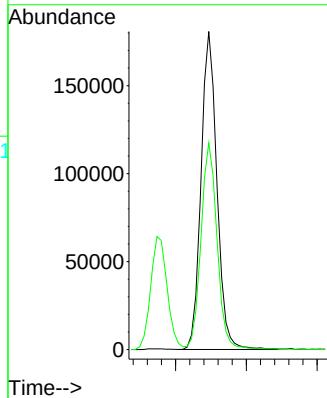
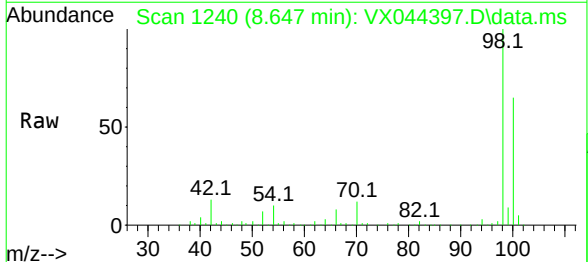
Manual Integrations
APPROVED

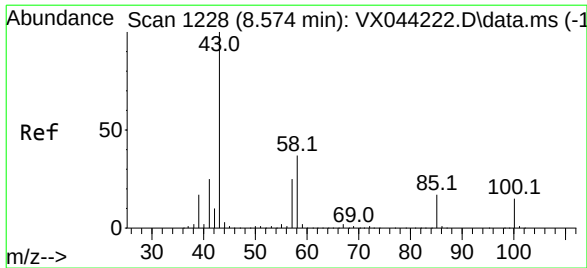
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 50.233 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 98 Resp: 281622
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3





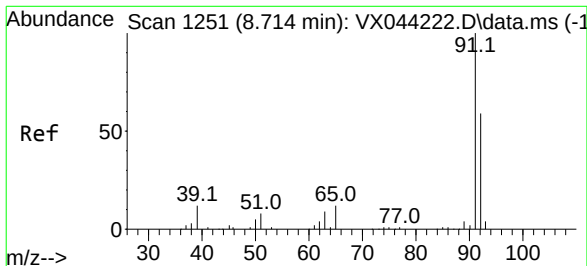
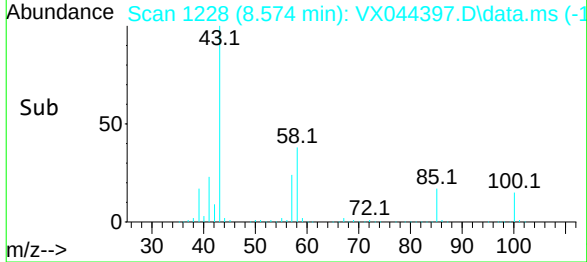
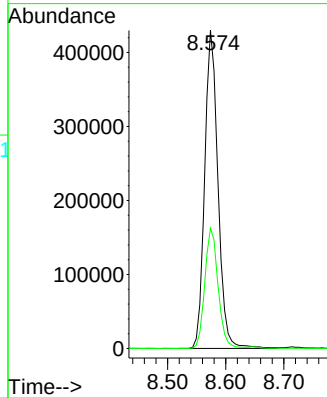
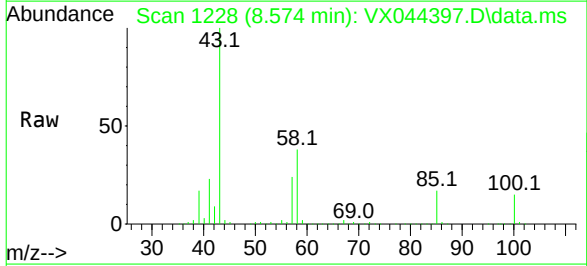
#51
4-Methyl-2-Pentanone
Concen: 255.786 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 682557
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.0

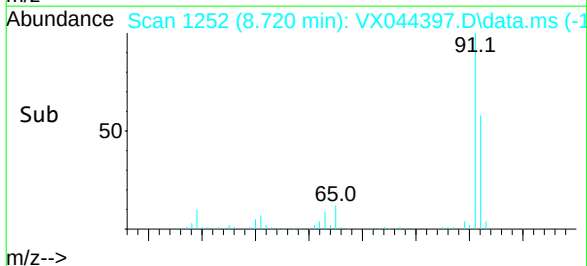
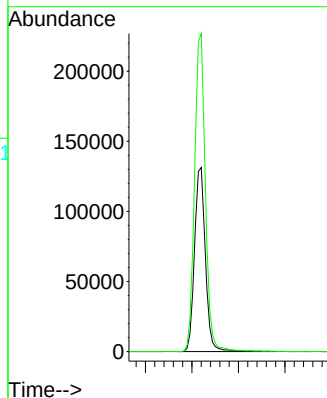
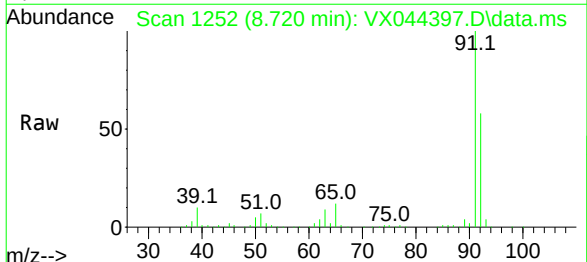
Manual Integrations
APPROVED

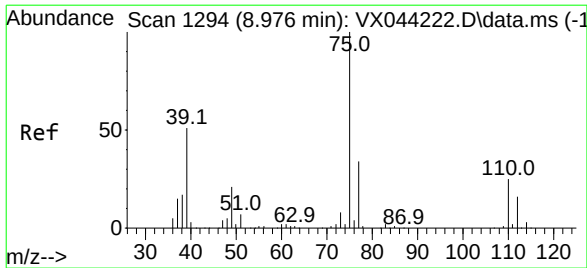
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 52.287 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 92 Resp: 214145
Ion Ratio Lower Upper
92 100
91 171.8 137.0 205.6





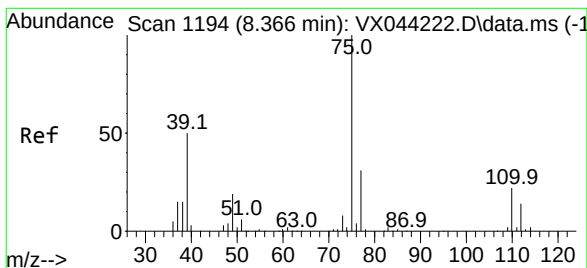
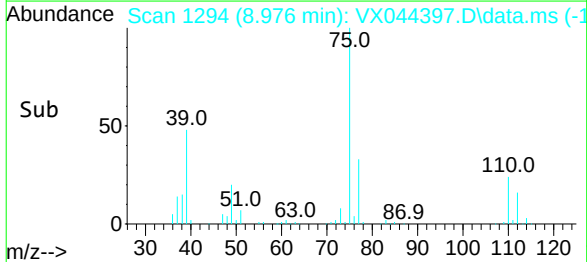
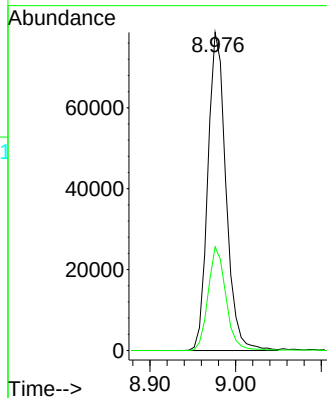
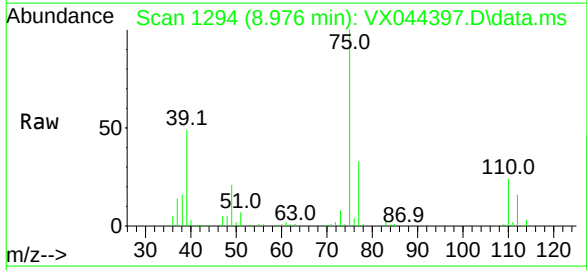
#53
t-1,3-Dichloropropene
Concen: 48.259 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 115357
Ion Ratio Lower Upper
75 100
77 32.6 27.2 40.8

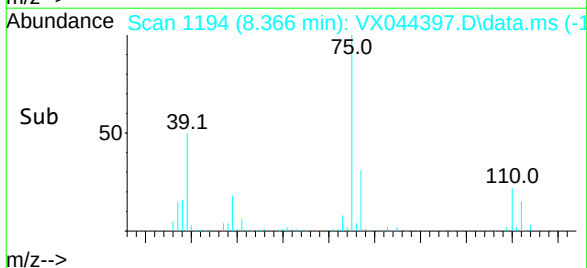
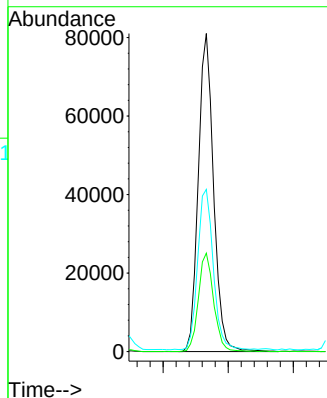
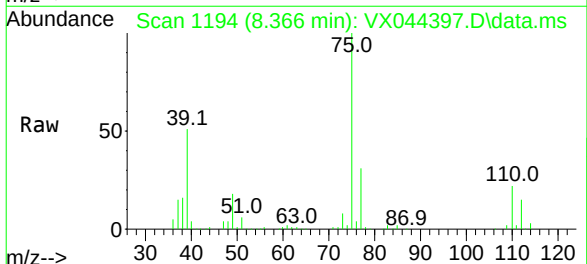
Manual Integrations
APPROVED

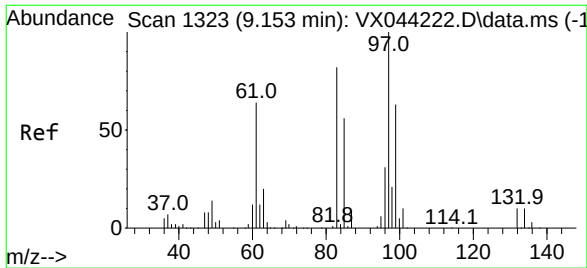
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 54.285 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 75 Resp: 131957
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1
39 50.5 40.3 60.5





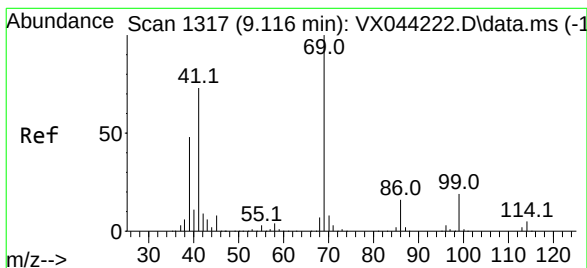
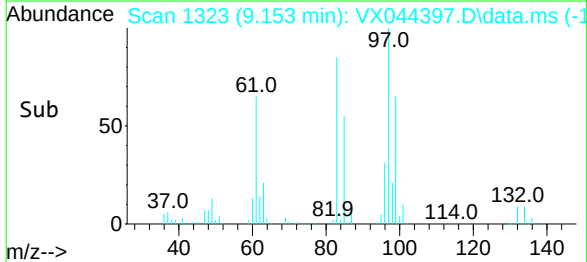
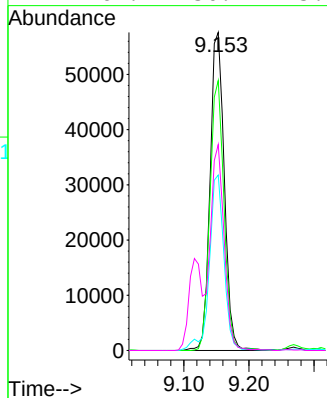
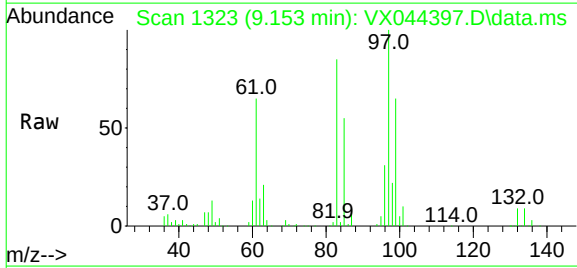
#55
1,1,2-Trichloroethane
Concen: 53.669 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	87322
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.3	97.9
85	55.2	44.6	67.0
99	64.7	50.2	75.2

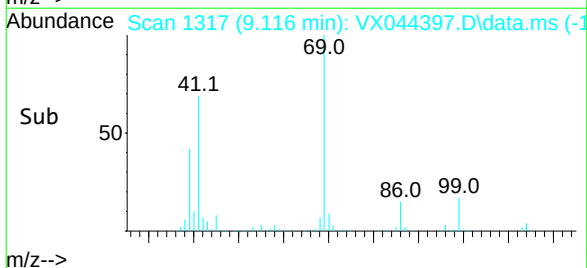
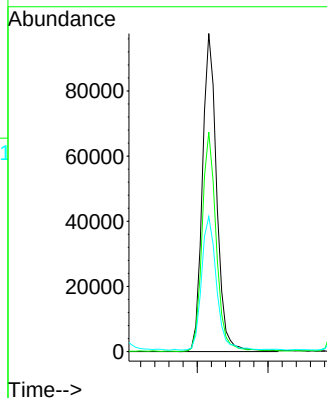
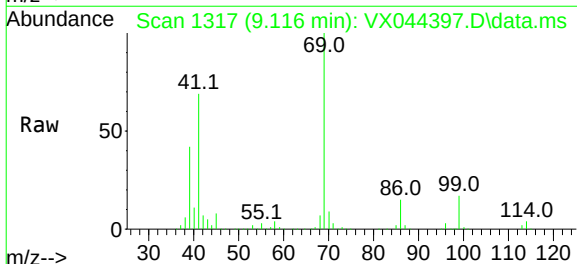
Manual Integrations
APPROVED

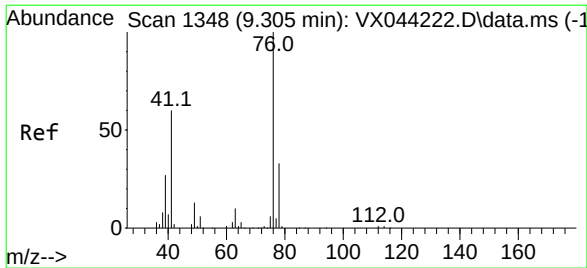
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 53.333 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

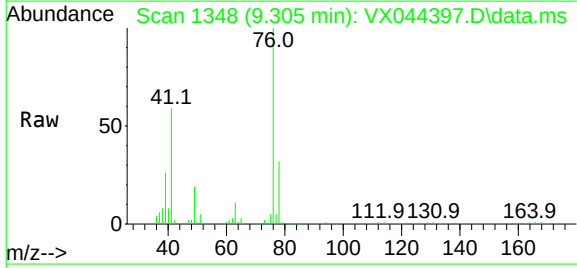
Tgt Ion:	69	Resp:	136992
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.6	85.0
39	43.6	37.4	56.0





#57
1,3-Dichloropropane
Concen: 52.251 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

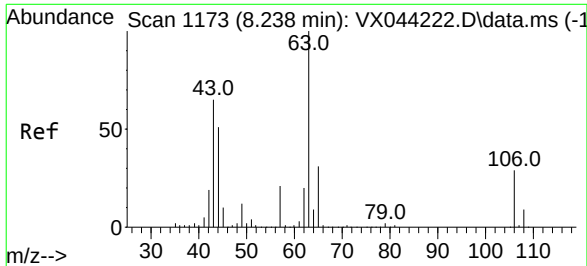
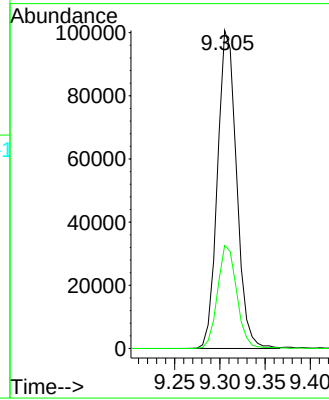
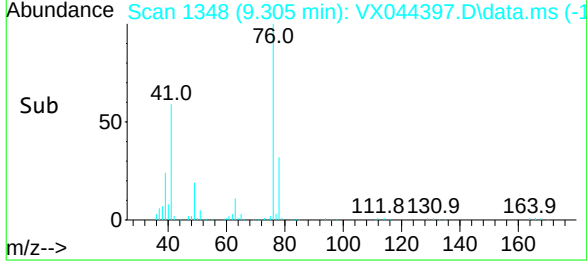
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 147976
Ion Ratio Lower Upper
76 100
78 32.6 26.5 39.7

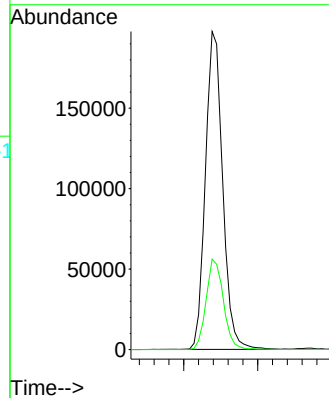
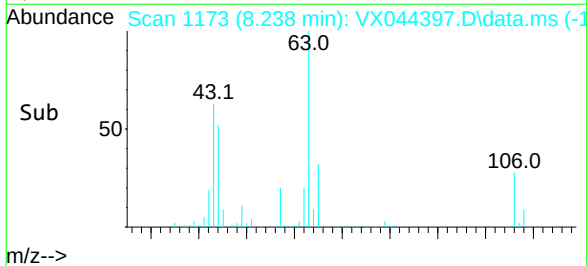
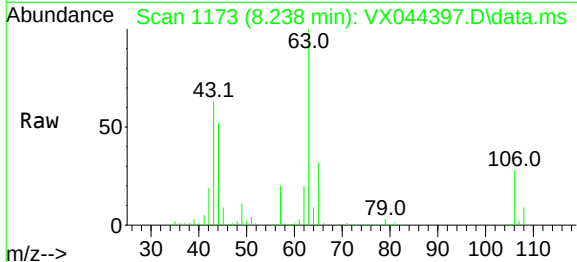
Manual Integrations
APPROVED

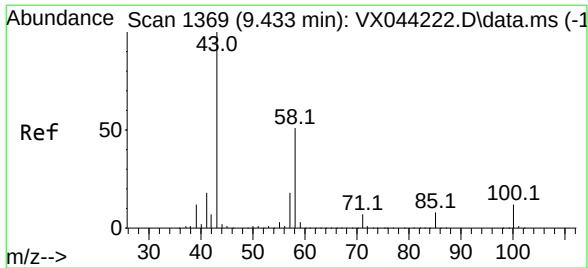
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 246.430 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 63 Resp: 319257
Ion Ratio Lower Upper
63 100
106 28.7 22.8 34.2





#59
2-Hexanone
Concen: 258.095 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

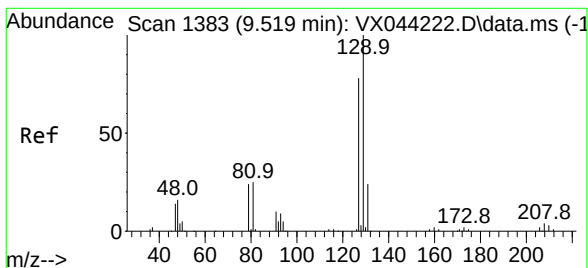
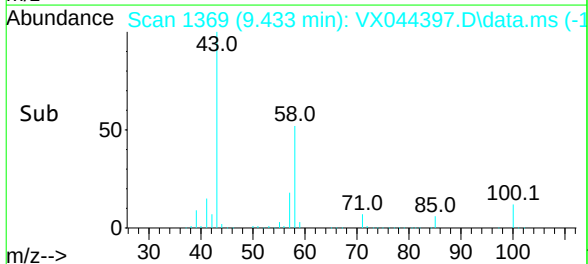
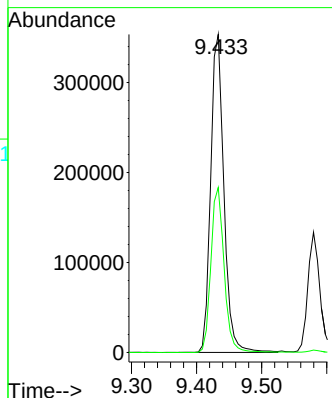
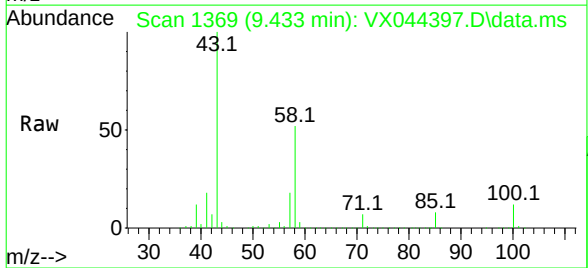
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 498511
Ion Ratio Lower Upper
43 100
58 52.1 25.7 77.0

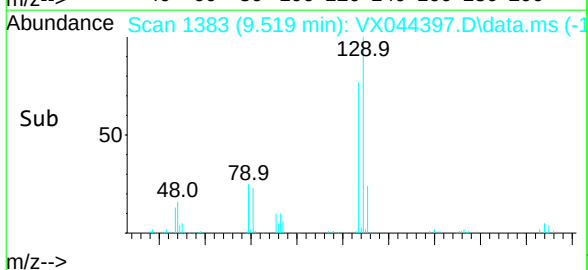
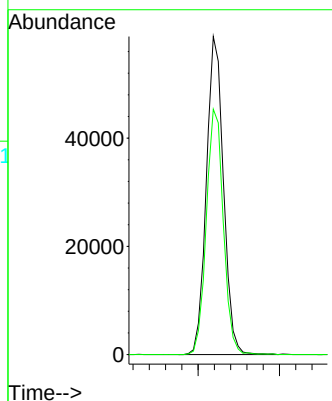
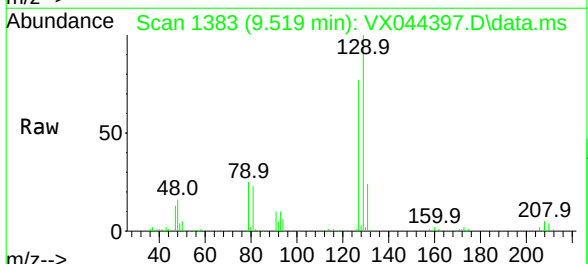
Manual Integrations
APPROVED

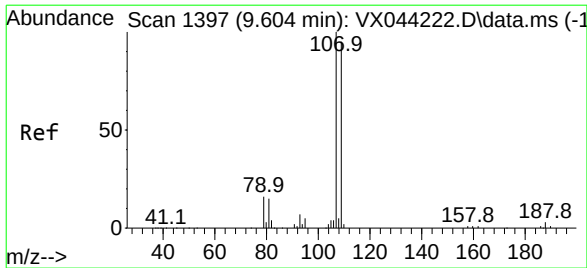
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 49.779 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

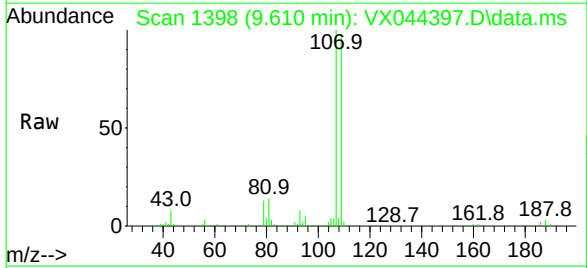
Tgt Ion:129 Resp: 85744
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 54.158 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

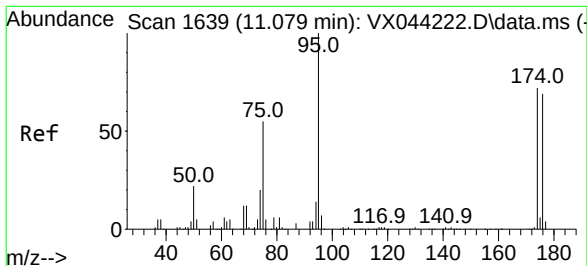
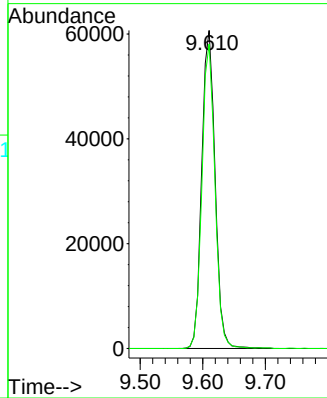
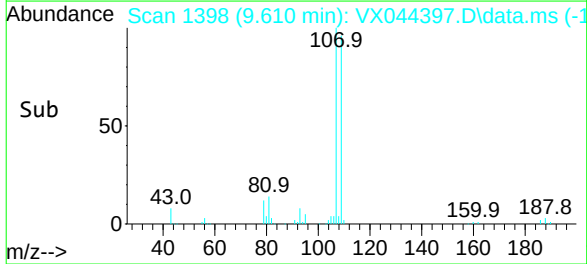
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 89694
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4

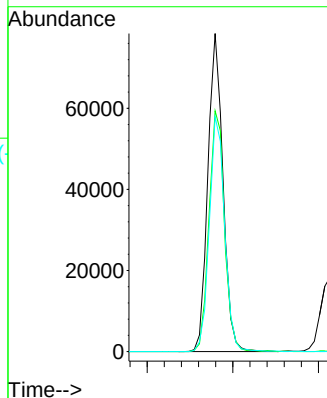
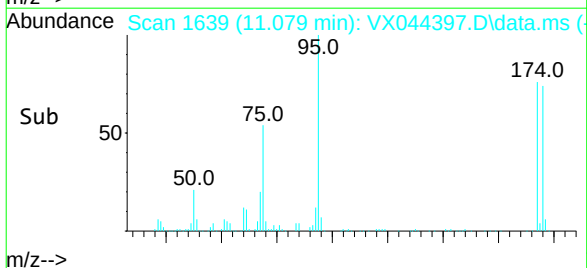
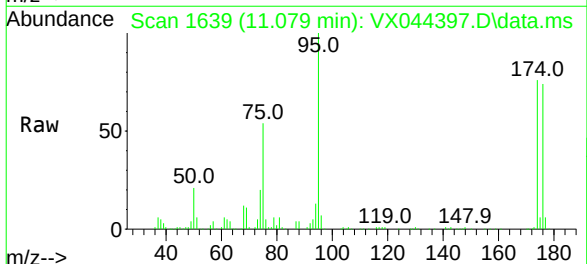
Manual Integrations
APPROVED

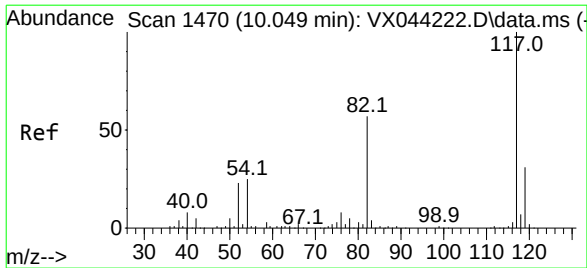
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 49.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 95 Resp: 96109
Ion Ratio Lower Upper
95 100
174 77.3 0.0 145.8
176 74.8 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: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

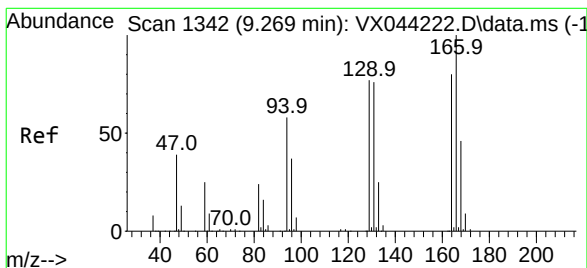
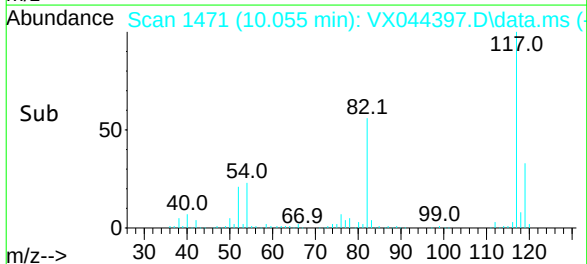
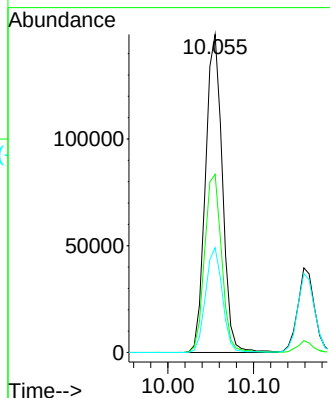
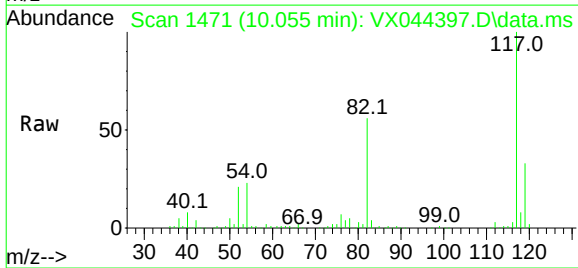
Tgt Ion:	117	Resp:	204282
Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.8	68.8
119	33.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 52.769 ug/l

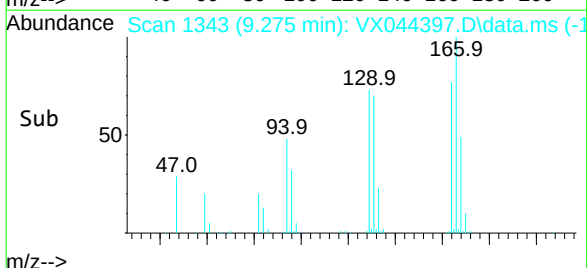
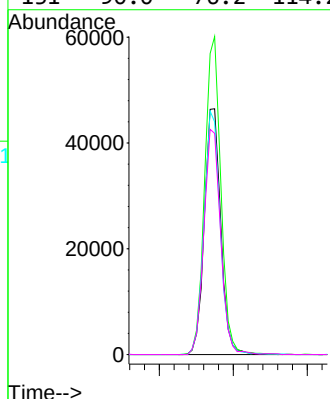
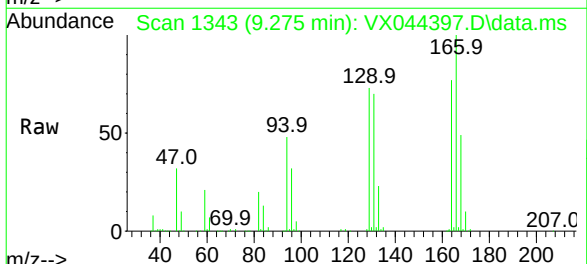
RT: 9.275 min Scan# 1343

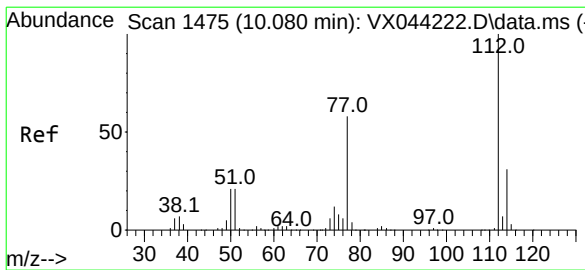
Delta R.T. 0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	164	Resp:	71547
Ion	Ratio	Lower	Upper
164	100		
166	129.4	100.4	150.6
129	94.6	77.2	115.8
131	90.0	76.2	114.2





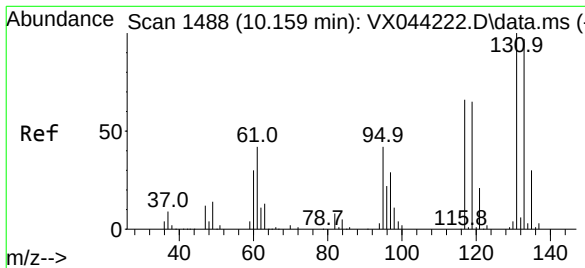
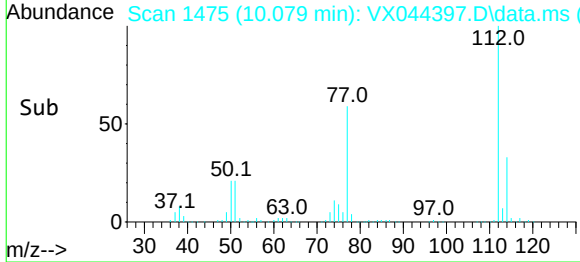
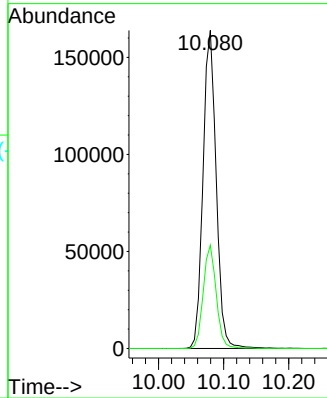
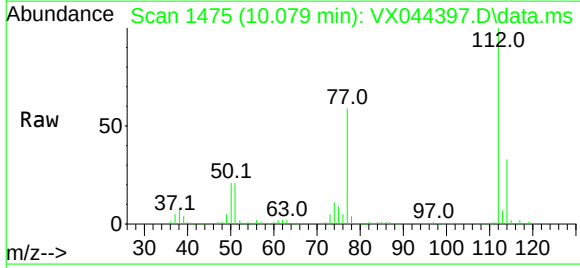
#65
Chlorobenzene
Concen: 52.745 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 230882
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

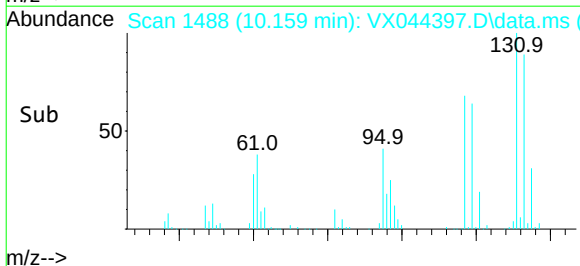
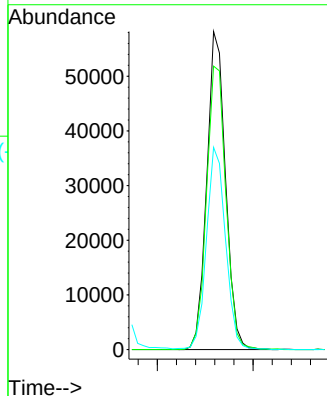
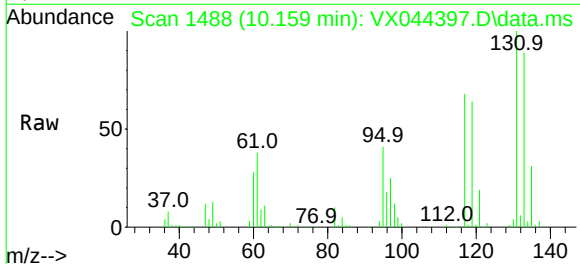
Manual Integrations
APPROVED

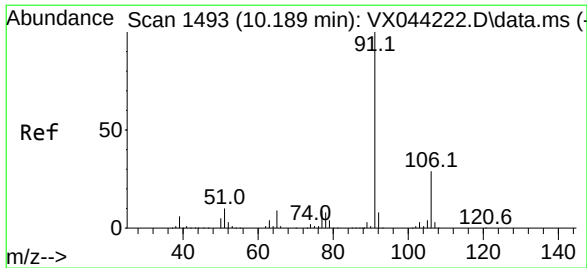
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.175 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion:131 Resp: 79028
Ion Ratio Lower Upper
131 100
133 92.5 47.3 141.8
119 64.8 31.6 95.0





#67

Ethyl Benzene

Concen: 52.690 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 398506

Ion Ratio Lower Upper

91 100

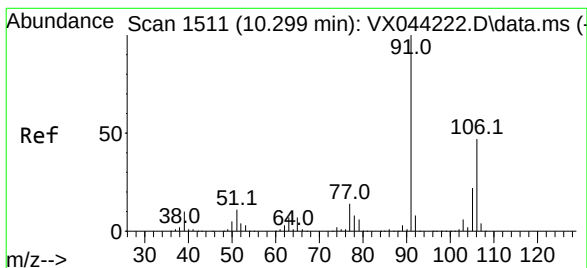
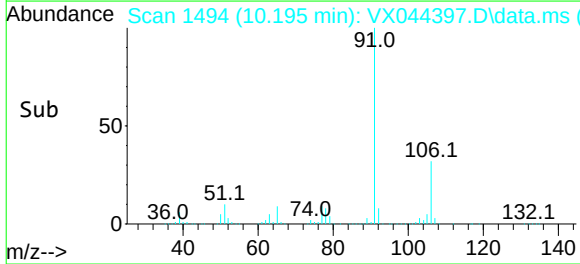
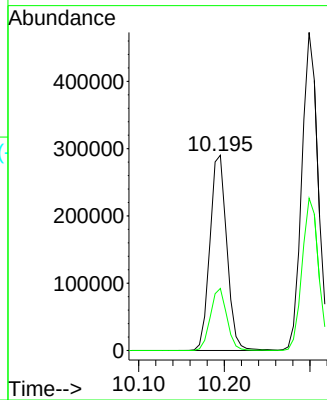
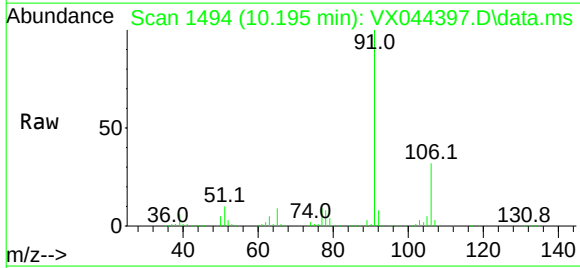
106 31.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#68

m/p-Xylenes

Concen: 109.271 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044397.D

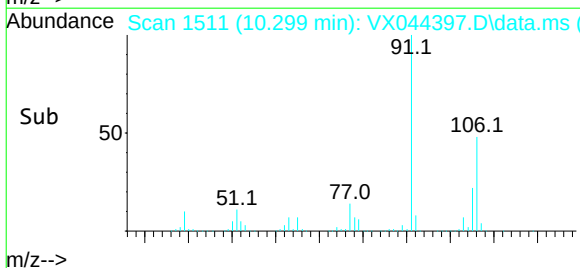
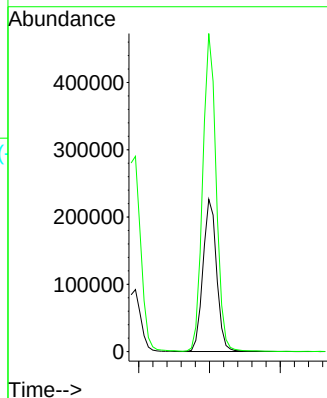
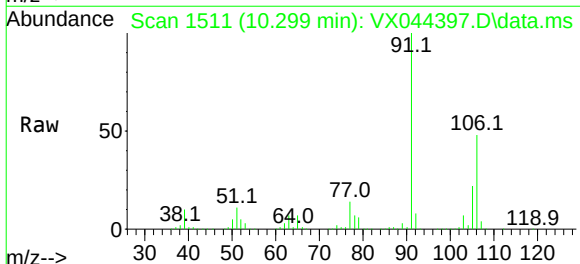
Acq: 18 Dec 2024 21:48

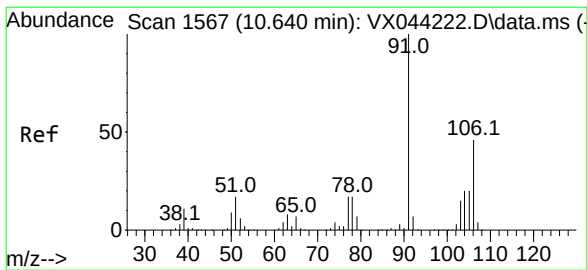
Tgt Ion:106 Resp: 303258

Ion Ratio Lower Upper

106 100

91 206.1 170.2 255.2





#69

o-Xylene

Concen: 53.305 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 149680

Ion Ratio Lower Upper

106 100

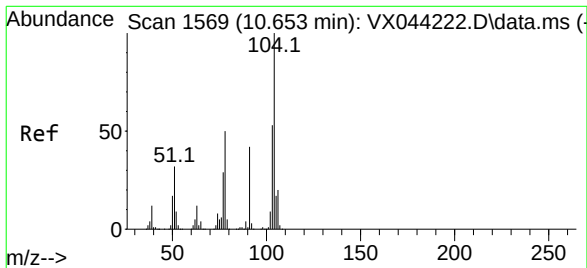
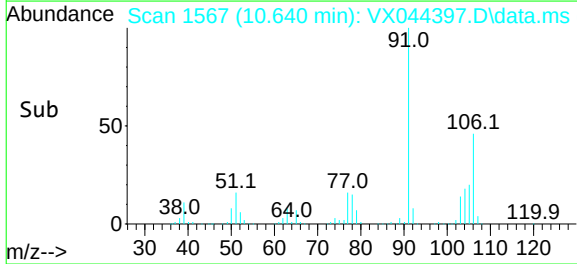
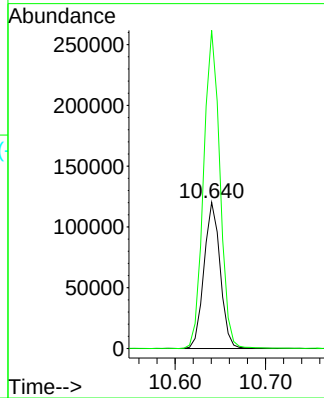
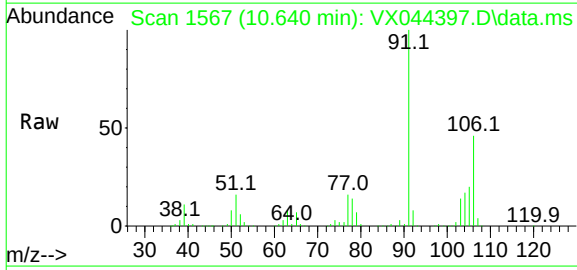
91 219.8 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Styrene

Concen: 54.971 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

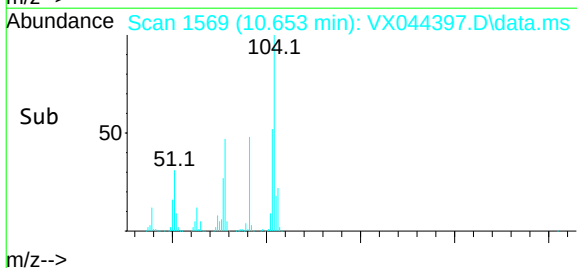
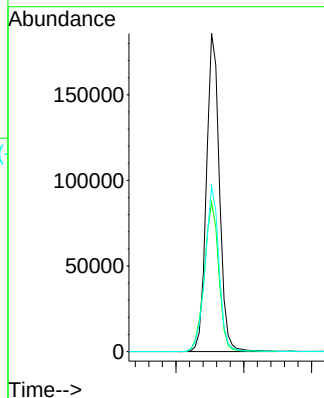
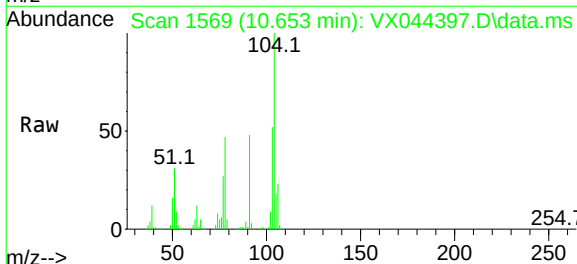
Tgt Ion:104 Resp: 247455

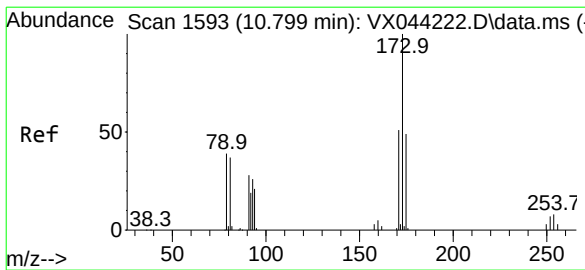
Ion Ratio Lower Upper

104 100

78 52.3 44.6 67.0

103 55.4 45.4 68.0





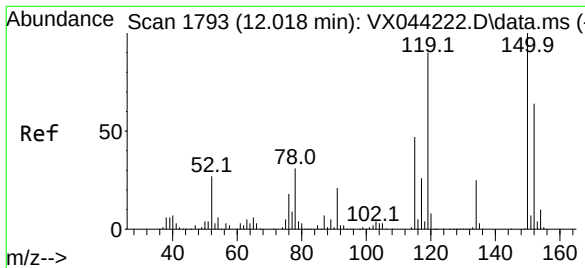
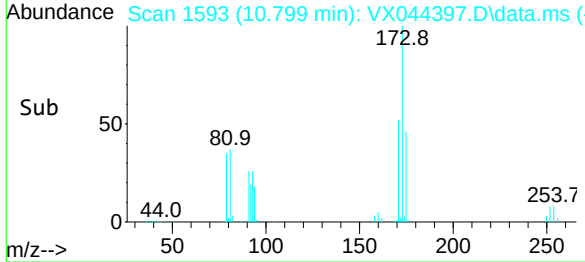
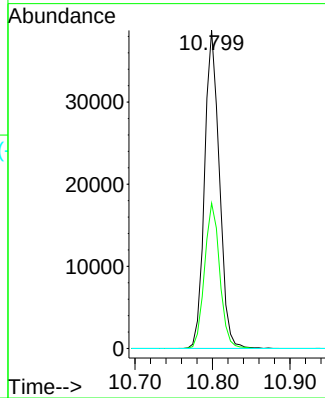
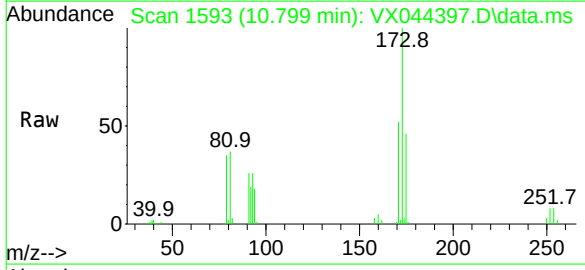
#71
Bromoform
Concen: 52.002 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.8	71.4
254	0.0	0.0	0.0

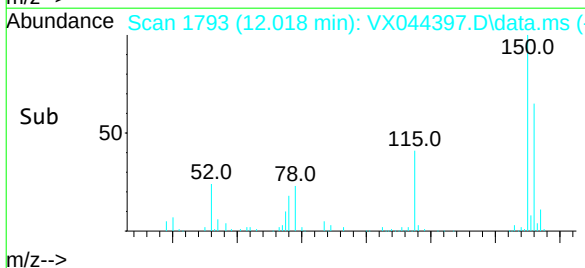
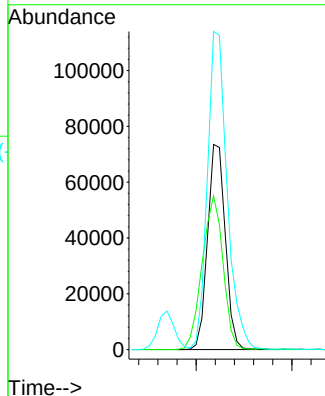
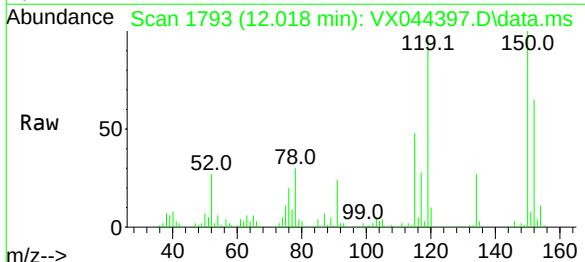
Manual Integrations
APPROVED

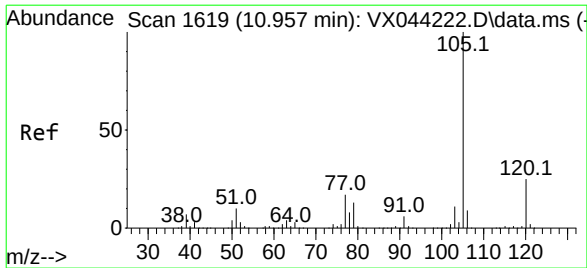
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	87.8	44.5	133.3
150	171.8	0.0	353.8





#73

Isopropylbenzene

Concen: 52.735 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 382227

Ion Ratio Lower Upper

105 100

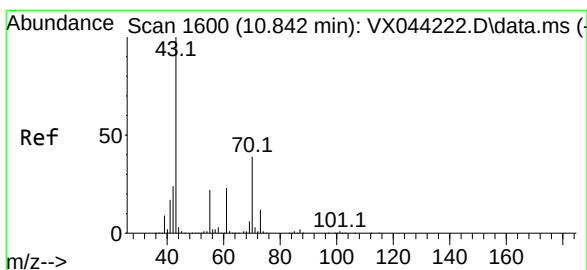
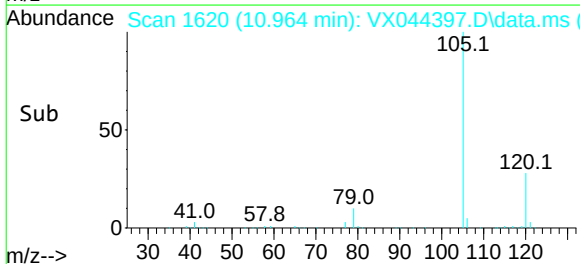
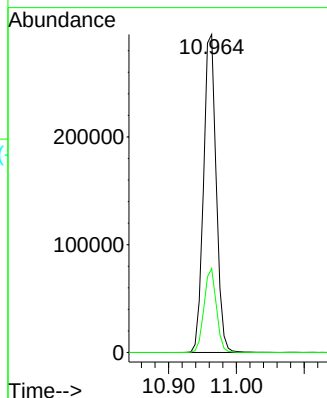
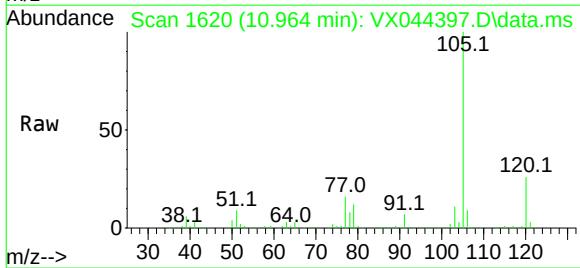
120 25.8 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 52.327 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion: 43 Resp: 175282

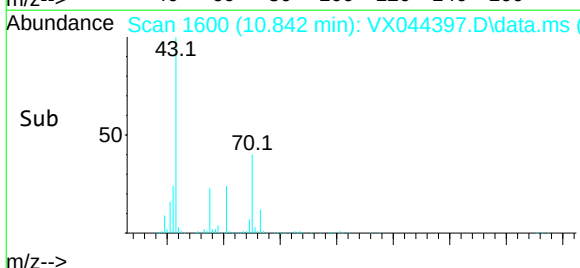
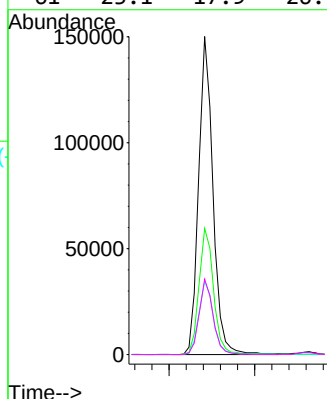
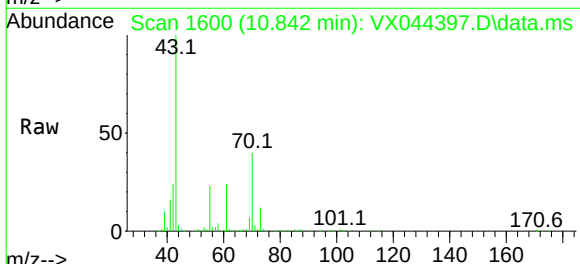
Ion Ratio Lower Upper

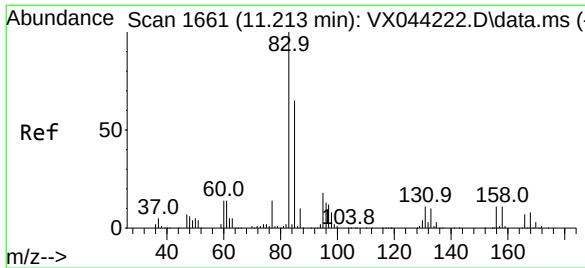
43 100

70 40.7 31.9 47.9

55 23.5 17.9 26.9

61 23.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.441 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

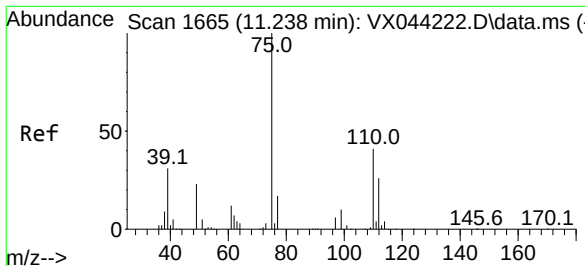
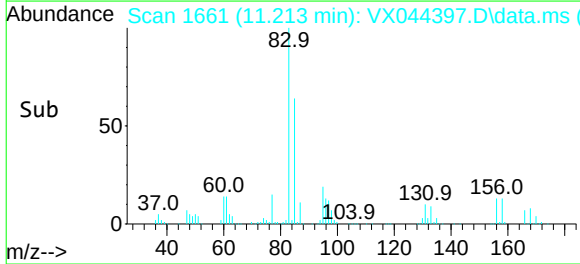
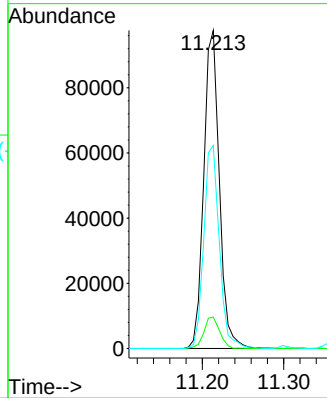
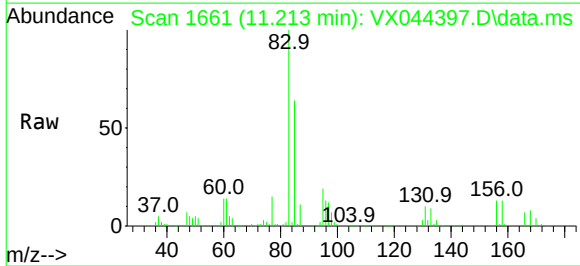
Tgt Ion:	83	Resp:	129501
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	64.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 50.517 ug/l m

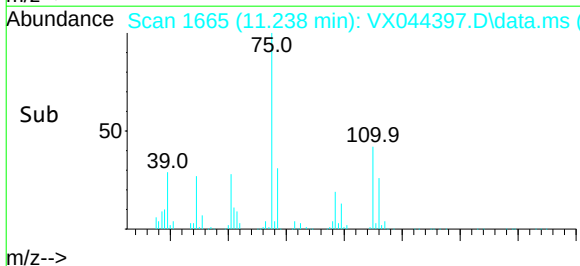
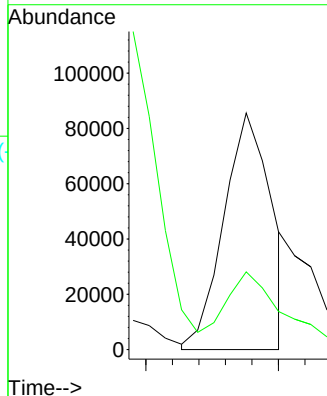
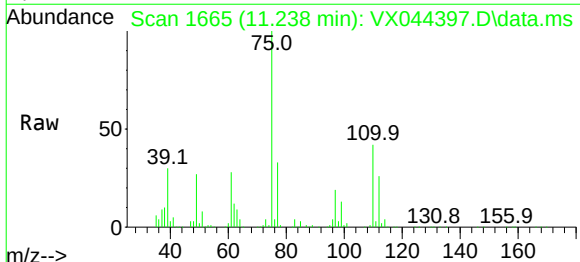
RT: 11.238 min Scan# 1665

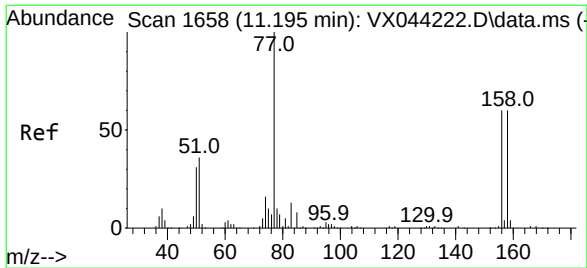
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	75	Resp:	106791
Ion	Ratio	Lower	Upper
75	100		
77	41.3	20.9	62.7





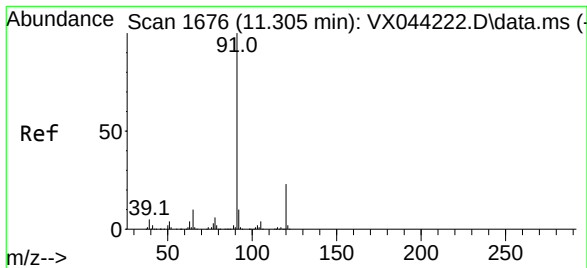
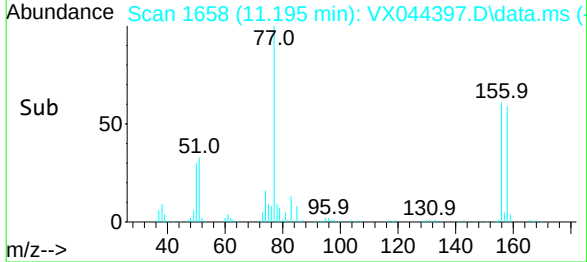
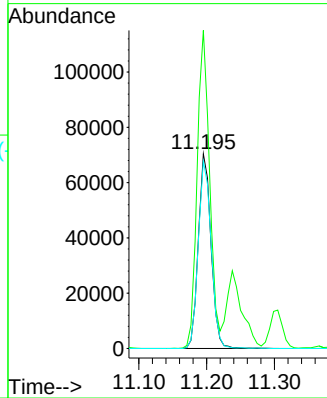
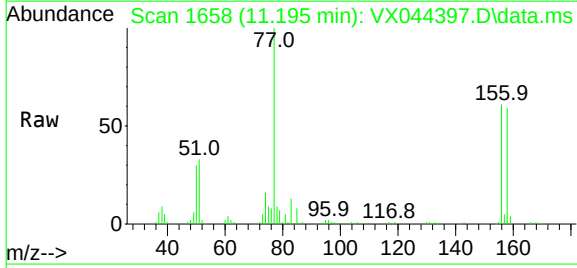
#77
Bromobenzene
Concen: 52.151 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 91662
Ion Ratio Lower Upper
156 100
77 160.6 82.6 247.8
158 97.9 48.8 146.4

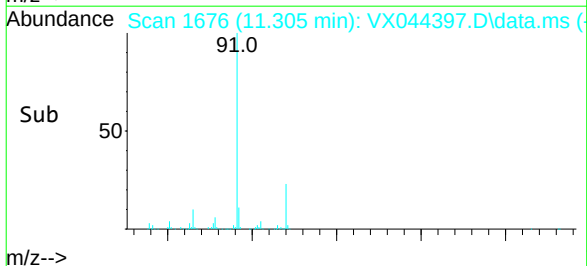
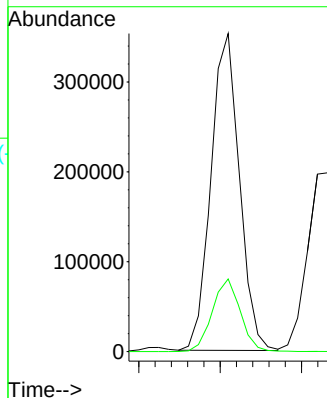
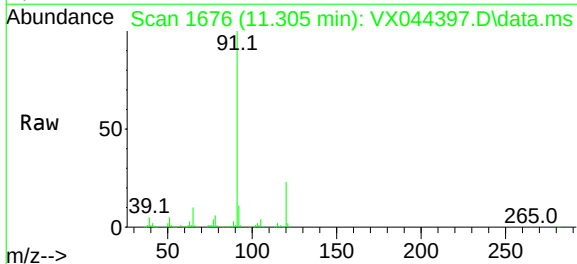
Manual Integrations
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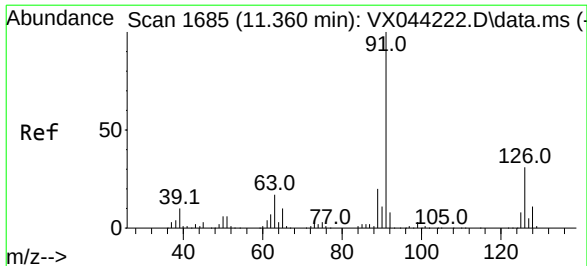
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 53.471 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 91 Resp: 428354
Ion Ratio Lower Upper
91 100
120 22.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.109 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 259611

Ion Ratio Lower Upper

91 100

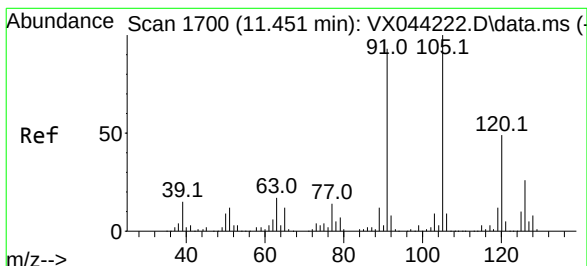
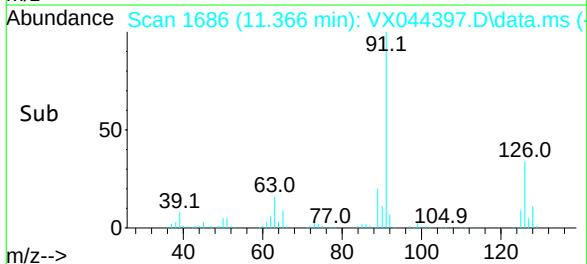
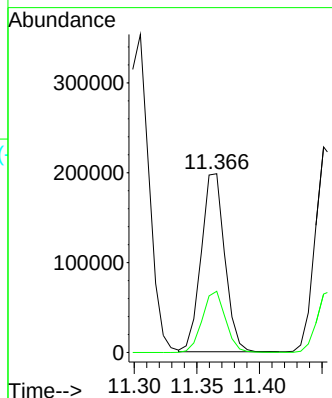
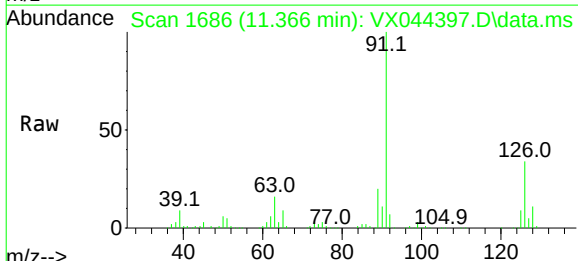
126 34.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.028 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044397.D

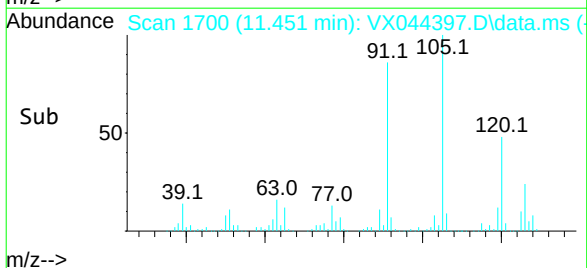
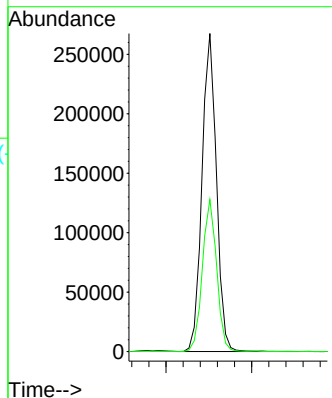
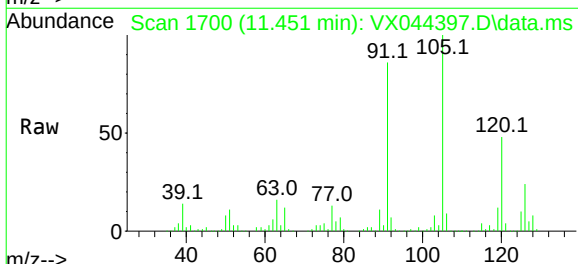
Acq: 18 Dec 2024 21:48

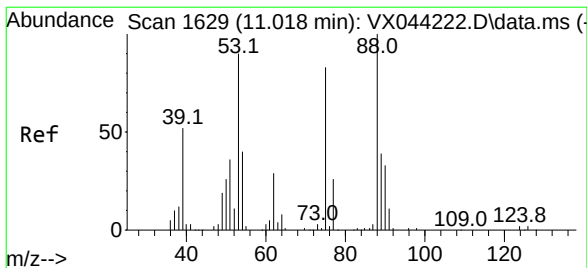
Tgt Ion:105 Resp: 312728

Ion Ratio Lower Upper

105 100

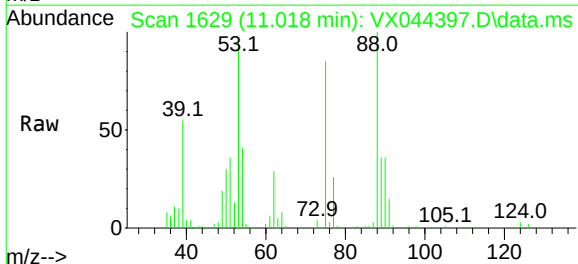
120 47.3 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.206 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

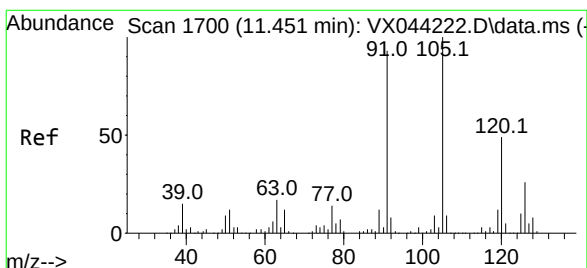
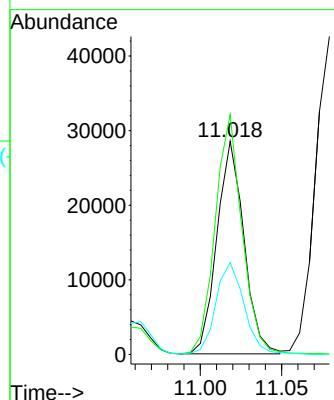
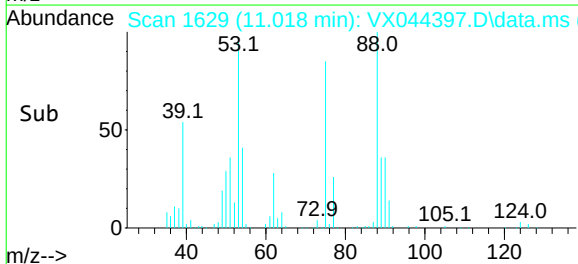
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 75 Resp: 32905
Ion Ratio Lower Upper
75 100
53 113.2 93.6 140.4
89 45.4 37.3 55.9

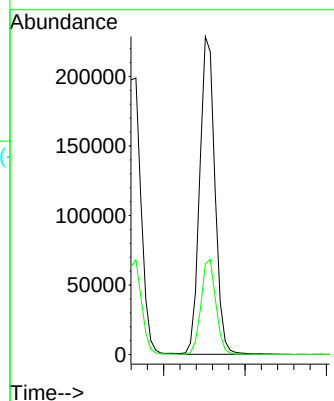
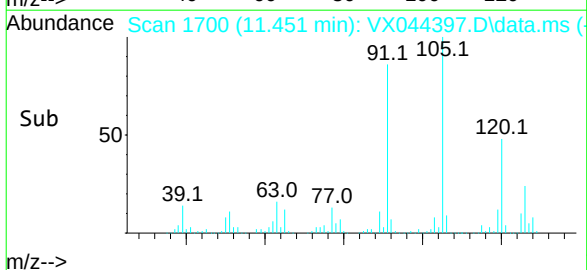
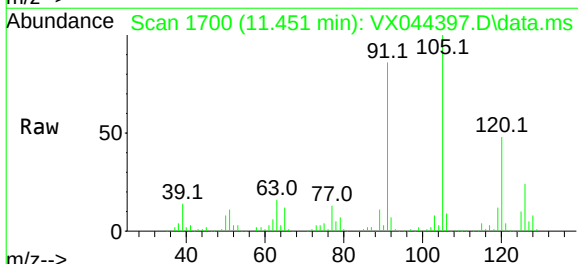
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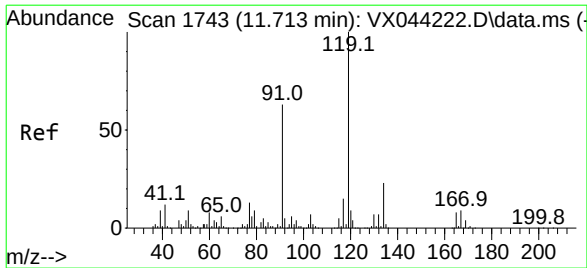
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 51.648 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

Tgt Ion: 91 Resp: 296313
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.5





#83

tert-Butylbenzene

Concen: 53.085 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

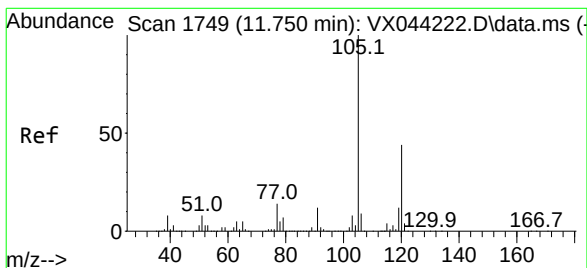
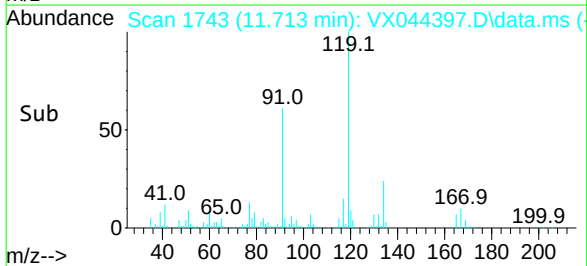
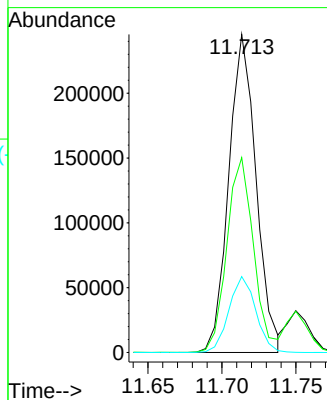
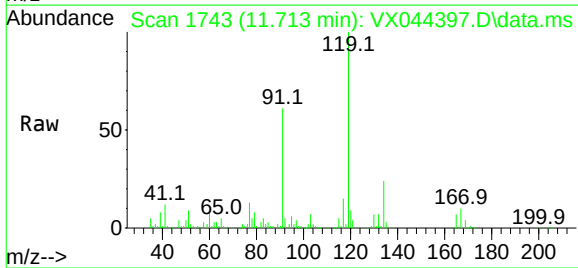
Tgt Ion:	119	Resp:	315339
Ion Ratio	Lower	Upper	
119	100		
91	60.1	30.9	92.5
134	23.5	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.346 ug/l

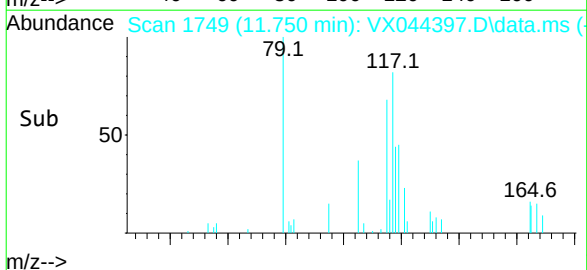
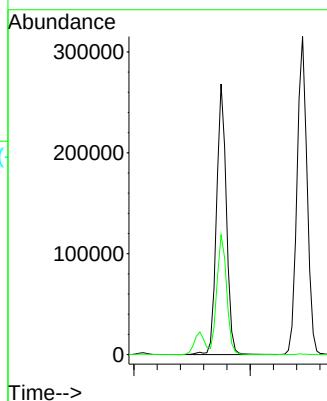
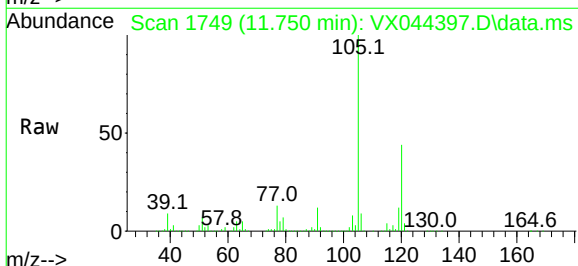
RT: 11.750 min Scan# 1749

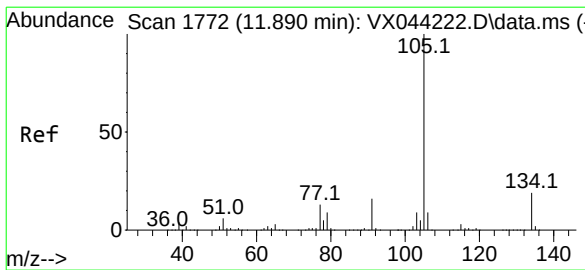
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	105	Resp:	314902
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.7	65.1





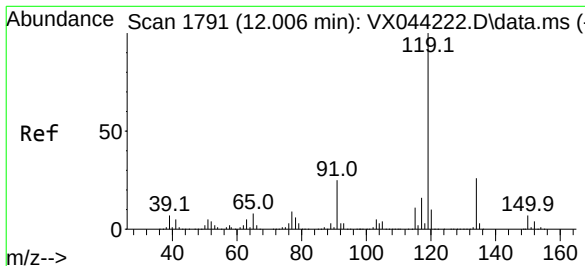
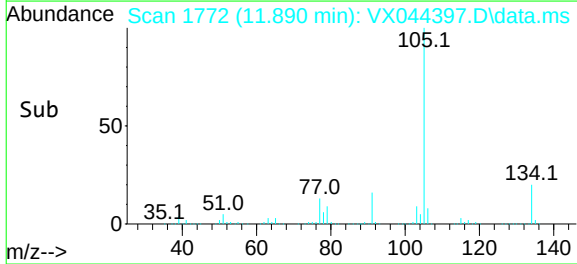
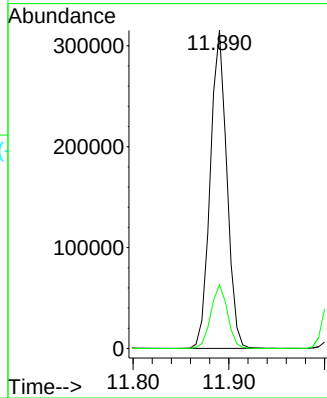
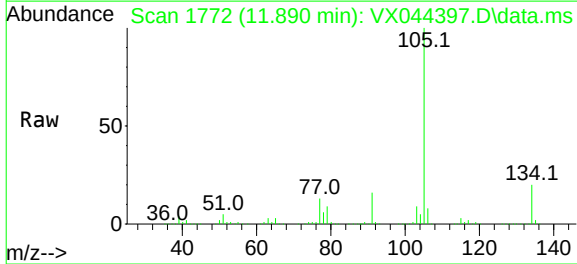
#85
 sec-Butylbenzene
 Concen: 52.496 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044397.D
 Acq: 18 Dec 2024 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 378572
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

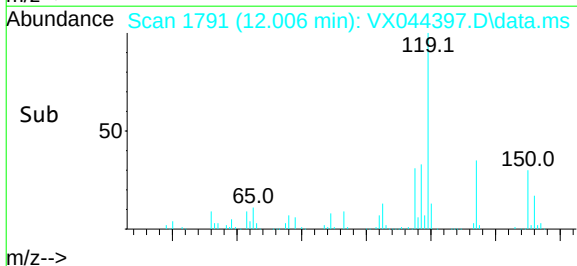
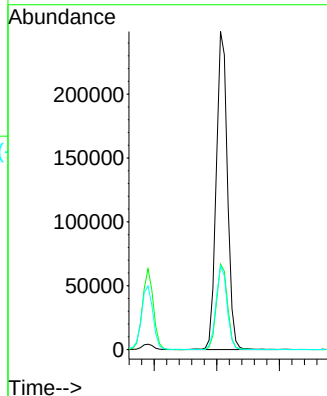
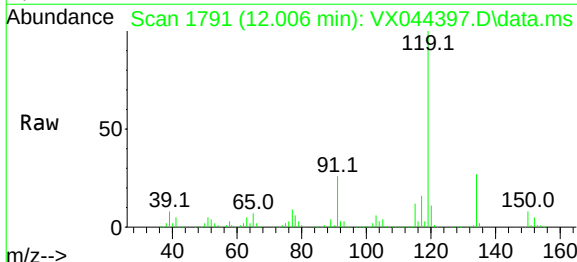
Manual Integrations
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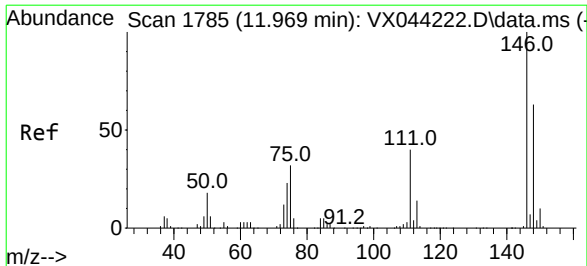
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#86
 p-Isopropyltoluene
 Concen: 51.481 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044397.D
 Acq: 18 Dec 2024 21:48

Tgt Ion:119 Resp: 308993
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.4
 91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 52.762 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

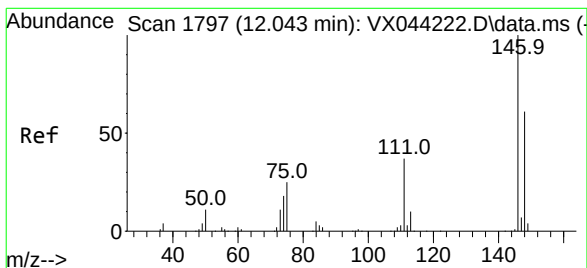
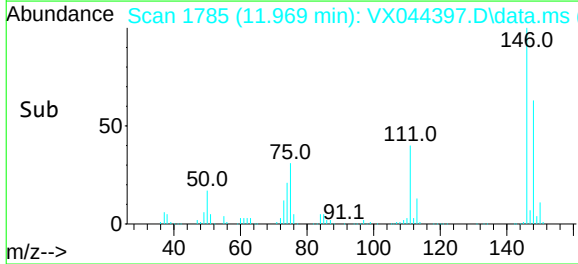
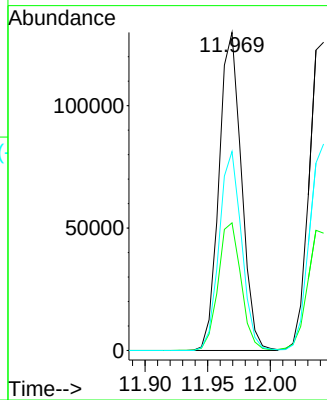
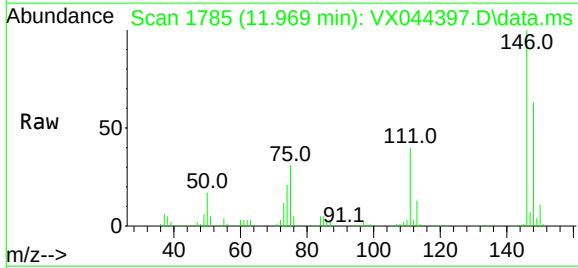
Tgt Ion:	146	Resp:	161986
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.4	64.2
148	62.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 50.790 ug/l

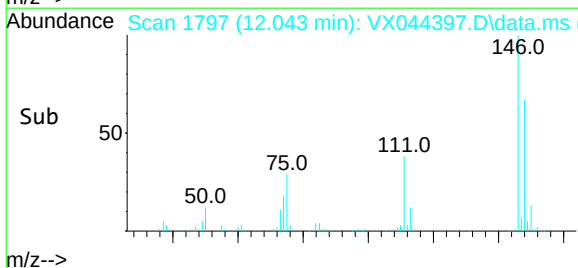
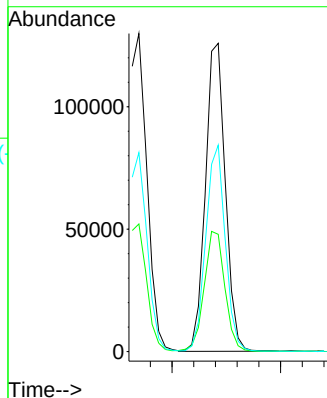
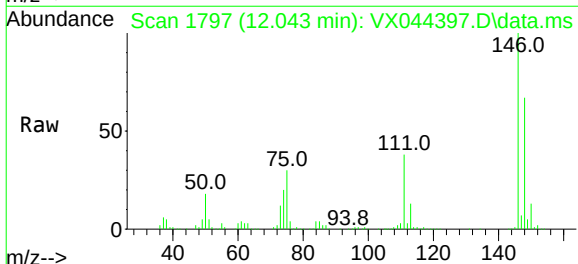
RT: 12.043 min Scan# 1797

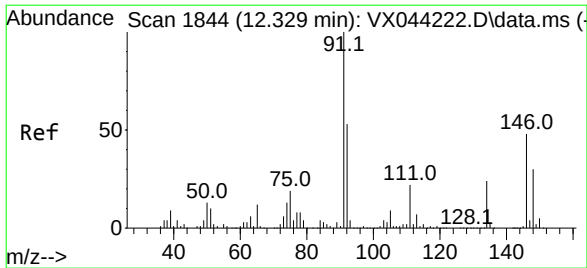
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	146	Resp:	160295
Ion Ratio	Lower	Upper	
146	100		
111	40.4	21.0	63.0
148	65.8	32.3	96.8





#89

n-Butylbenzene

Concen: 52.608 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

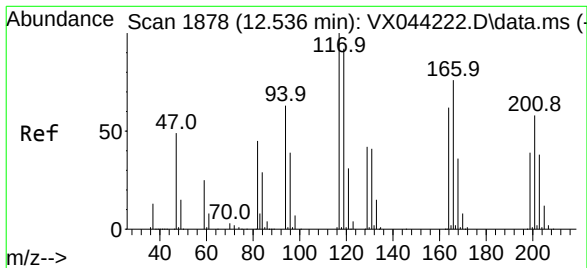
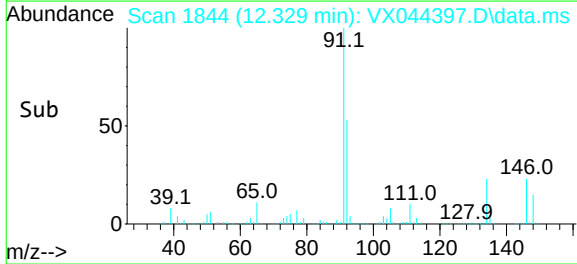
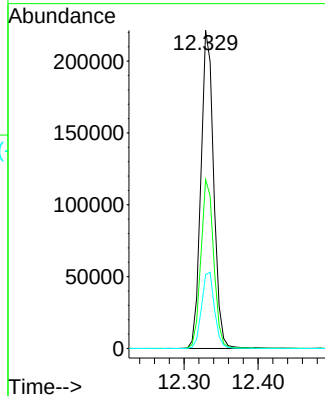
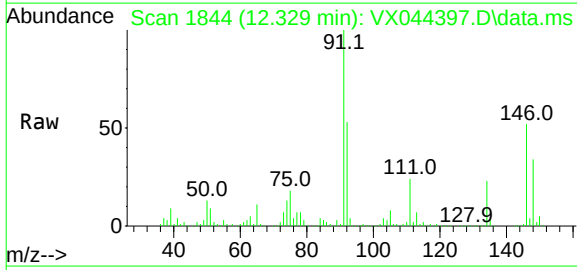
Tgt Ion:	91	Resp:	265516
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	24.5	12.6	37.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#90

Hexachloroethane

Concen: 55.440 ug/l

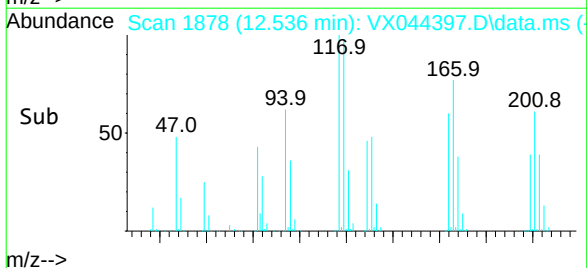
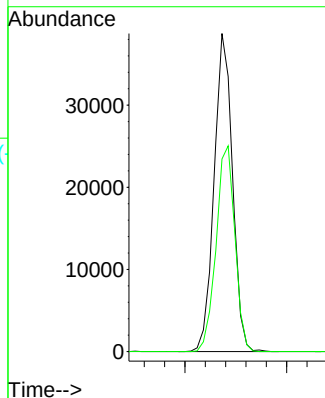
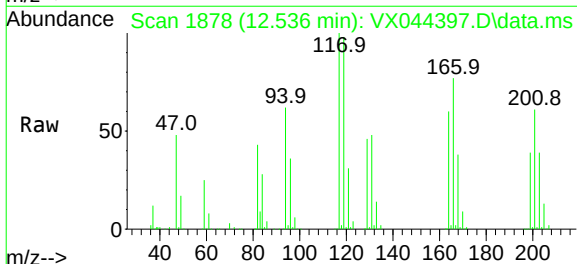
RT: 12.536 min Scan# 1878

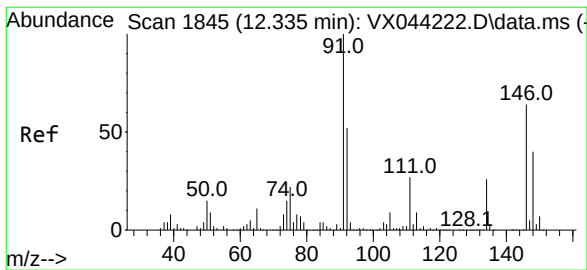
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

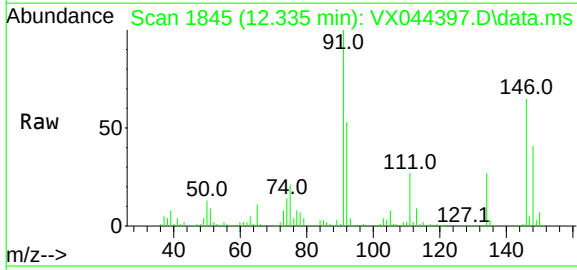
Tgt Ion:	117	Resp:	48574
Ion	Ratio	Lower	Upper
117	100		
201	66.1	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 52.197 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48

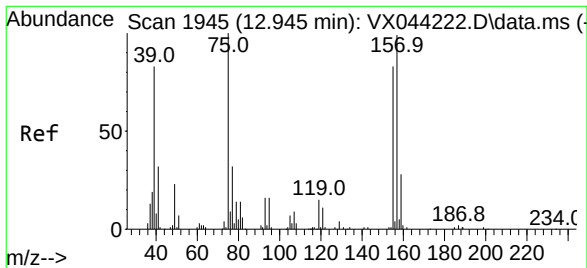
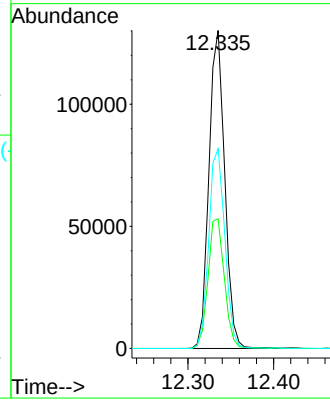
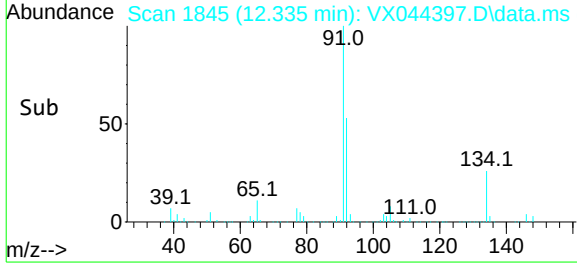
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



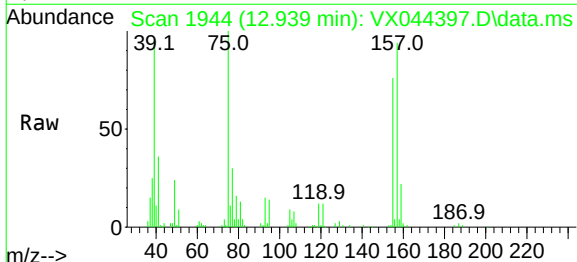
Tgt Ion: 146 Resp: 166397
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 64.4 31.6 95.0

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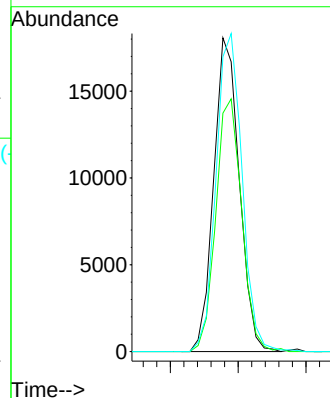
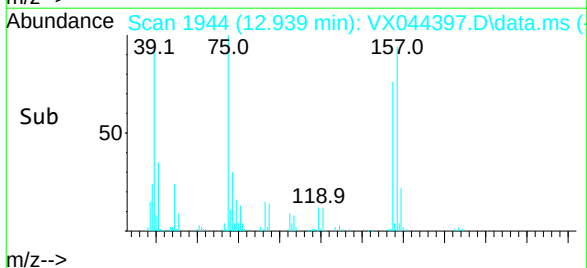
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

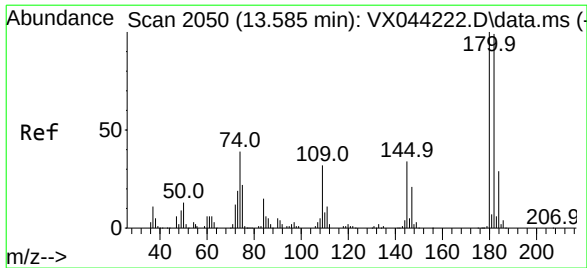


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.201 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044397.D
Acq: 18 Dec 2024 21:48



Tgt Ion: 75 Resp: 23556
Ion Ratio Lower Upper
75 100
155 81.9 38.1 114.3
157 103.6 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 53.639 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

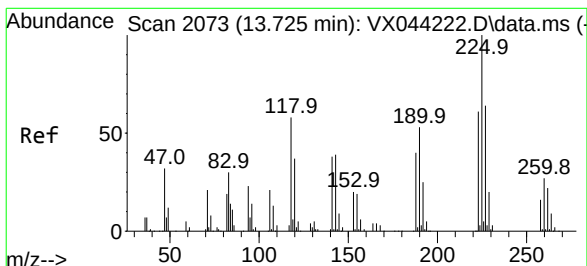
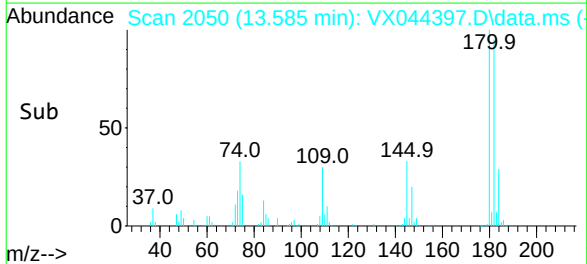
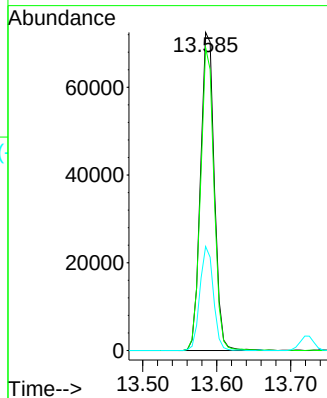
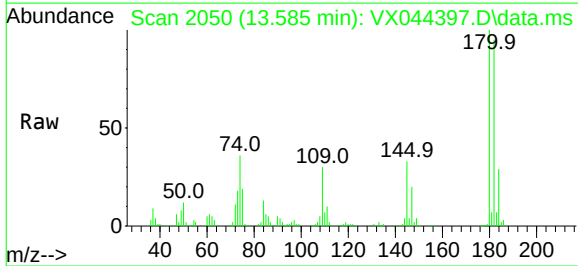
Tgt Ion:	180	Resp:	93745
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.0	144.2
145	32.1	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 53.766 ug/l

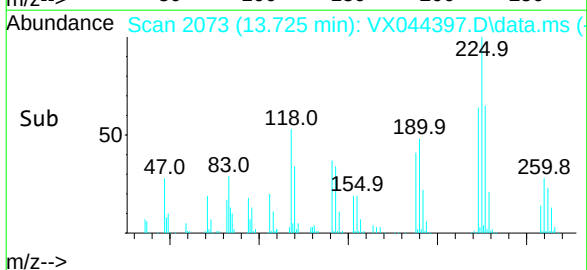
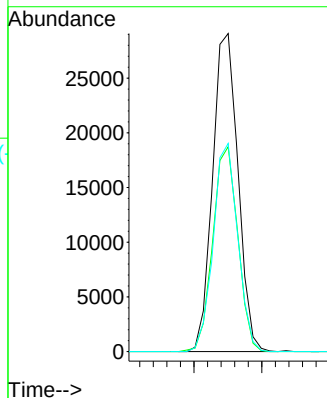
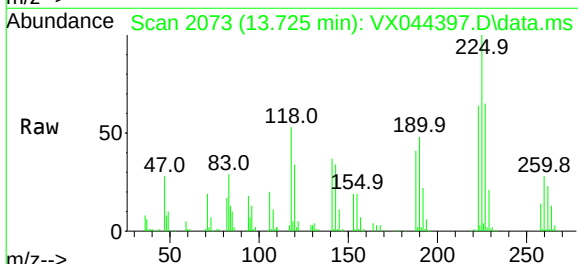
RT: 13.725 min Scan# 2073

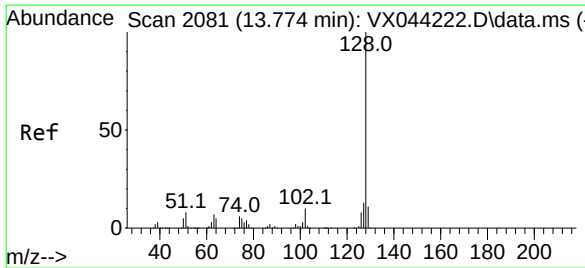
Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	225	Resp:	37797
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.8	92.4
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 50.021 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

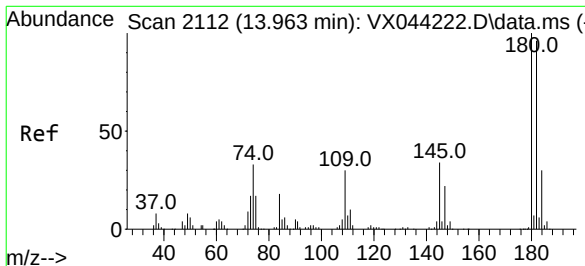
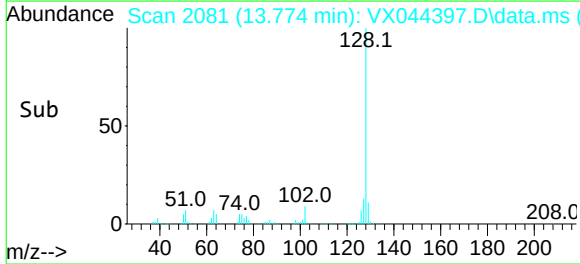
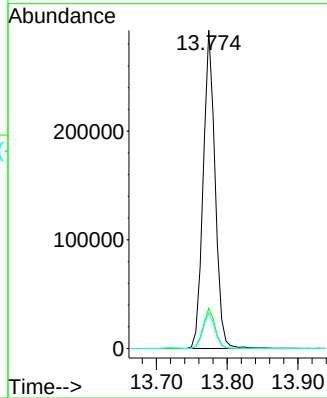
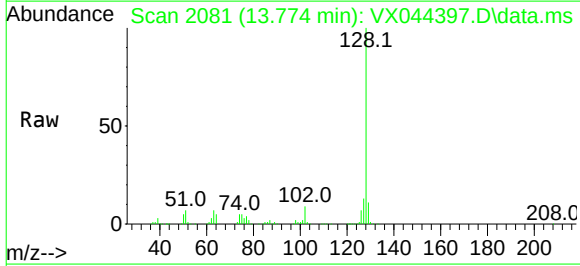
Tgt Ion:	128	Resp:	341241
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.669 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044397.D

Acq: 18 Dec 2024 21:48

Tgt Ion:	180	Resp:	95779
Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.0	144.0
145	34.3	17.7	53.1

