

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044375.D
 Acq On : 18 Dec 2024 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:40:53 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	145222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107787	42.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.660%
35) Dibromofluoromethane	5.379	113	83132	49.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	284482	49.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	101069	50.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	116148	51.725	ug/l	96
3) Chloromethane	1.295	50	104547	48.687	ug/l	99
4) Vinyl Chloride	1.374	62	107961	48.260	ug/l	99
5) Bromomethane	1.593	94	69033	43.497	ug/l	98
6) Chloroethane	1.666	64	71760	51.515	ug/l	100
7) Trichlorofluoromethane	1.868	101	185191	42.285	ug/l	98
8) Diethyl Ether	2.130	74	62582	41.863	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	89093	50.273	ug/l	97
10) Methyl Iodide	2.441	142	114340	48.954	ug/l	97
11) Tert butyl alcohol	2.989	59	82750	230.596	ug/l	97
12) 1,1-Dichloroethene	2.307	96	82169	50.480	ug/l	97
13) Acrolein	2.233	56	116572	224.413	ug/l	100
14) Allyl chloride	2.654	41	136530	50.357	ug/l	99
15) Acrylonitrile	3.063	53	229722	231.100	ug/l	99
16) Acetone	2.386	43	216281	208.352	ug/l	96
17) Carbon Disulfide	2.502	76	175625	56.760	ug/l	98
18) Methyl Acetate	2.703	43	120549	45.040	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	295317	46.491	ug/l	99
20) Methylene Chloride	2.782	84	93400	47.904	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	86210	49.833	ug/l	97
22) Diisopropyl ether	3.758	45	285517	46.766	ug/l	95
23) Vinyl Acetate	3.715	43	1267305	255.320	ug/l	99
24) 1,1-Dichloroethane	3.599	63	163171	47.946	ug/l	99
25) 2-Butanone	4.556	43	326836	221.473	ug/l	99
26) 2,2-Dichloropropane	4.465	77	145905	52.773	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	105020	47.800	ug/l	97
28) Bromochloromethane	4.891	49	77185	46.252	ug/l	99
29) Tetrahydrofuran	5.001	42	207544	219.106	ug/l	99
30) Chloroform	5.087	83	173750	45.441	ug/l	98
31) Cyclohexane	5.458	56	138763	50.494	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	155612	49.028	ug/l	99
36) 1,1-Dichloropropene	5.684	75	114333	52.248	ug/l	99
37) Ethyl Acetate	4.715	43	133879	49.494	ug/l	98
38) Carbon Tetrachloride	5.666	117	126452	53.675	ug/l	96
39) Methylcyclohexane	7.373	83	152449	58.275	ug/l	98
40) Benzene	6.032	78	349139	52.550	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	70496	49.080	ug/l	99
42) 1,2-Dichloroethane	6.080	62	135560	49.531	ug/l	97
43) Isopropyl Acetate	6.336	43	216506	51.210	ug/l	98
44) Trichloroethene	7.117	130	88888	53.650	ug/l	97
45) 1,2-Dichloropropane	7.428	63	86995	51.252	ug/l	97
46) Dibromomethane	7.574	93	67868	51.538	ug/l	95
47) Bromodichloromethane	7.818	83	124282	54.647	ug/l	100
48) Methyl methacrylate	7.690	41	102868	50.124	ug/l	98
49) 1,4-Dioxane	7.659	88	24662	724.793	ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	667207	245.442	ug/l	99
52) Toluene	8.714	92	220021	52.735	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127372	52.027	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	139627	56.385	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	85878	51.812	ug/l	97
56) Ethyl methacrylate	9.116	69	141073	53.914	ug/l	97
57) 1,3-Dichloropropane	9.305	76	146651	50.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	326652	247.508	ug/l	99
59) 2-Hexanone	9.427	43	491495	249.789	ug/l	99
60) Dibromochloromethane	9.519	129	89257	50.794	ug/l	98
61) 1,2-Dibromoethane	9.604	107	89289	52.923	ug/l	98
64) Tetrachloroethene	9.269	164	76137	54.001	ug/l	99
65) Chlorobenzene	10.080	112	236050	51.858	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	82035	56.077	ug/l	99
67) Ethyl Benzene	10.189	91	415285	52.803	ug/l	98
68) m/p-Xylenes	10.299	106	312989	108.454	ug/l	96
69) o-Xylene	10.640	106	155361	53.206	ug/l	97
70) Styrene	10.653	104	257040	54.912	ug/l	97
71) Bromoform	10.799	173	55350	53.638	ug/l #	99
73) Isopropylbenzene	10.957	105	403042	52.392	ug/l	100
74) N-amyl acetate	10.842	43	186211	52.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129995	48.651	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	108966m	48.566	ug/l	
77) Bromobenzene	11.195	156	96454	51.705	ug/l	98
78) n-propylbenzene	11.305	91	457577	53.816	ug/l	98
79) 2-Chlorotoluene	11.360	91	273862	49.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	335043	52.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37990	48.684	ug/l	96
82) 4-Chlorotoluene	11.451	91	317807	52.192	ug/l	98
83) tert-Butylbenzene	11.713	119	333427	52.885	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	337162	53.815	ug/l	99
85) sec-Butylbenzene	11.890	105	413244	53.991	ug/l	99
86) p-Isopropyltoluene	12.006	119	345517	54.238	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176589	54.193	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	174295	52.033	ug/l	98
89) n-Butylbenzene	12.329	91	309732	57.821	ug/l	99
90) Hexachloroethane	12.536	117	53223	57.234	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	175242	51.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24513	47.259	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	107991	58.218	ug/l	98
94) Hexachlorobutadiene	13.725	225	44782	60.019	ug/l	98
95) Naphthalene	13.774	128	382648	52.848	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	111207	56.523	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

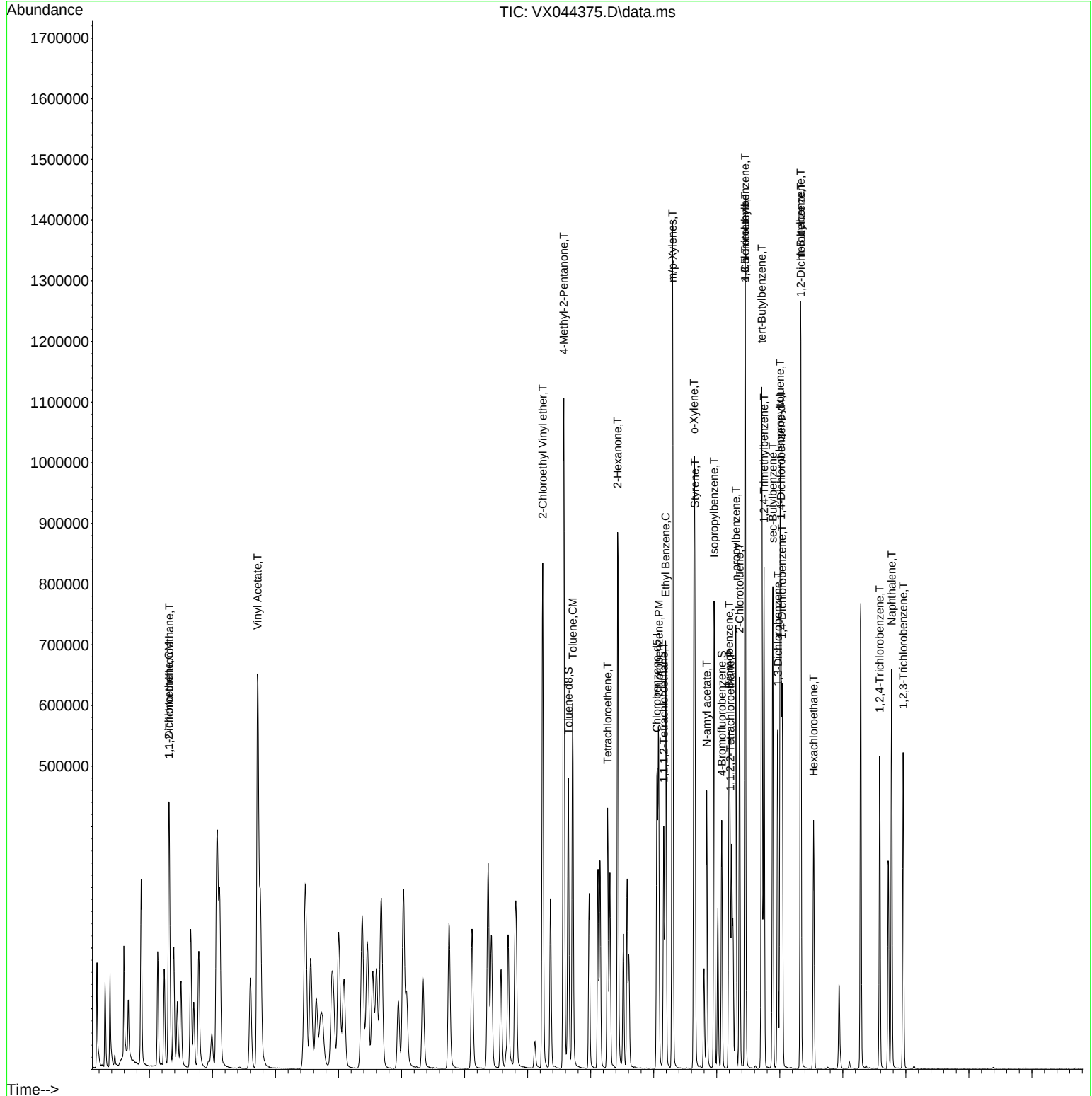
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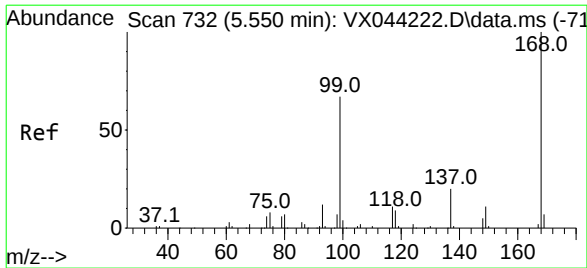
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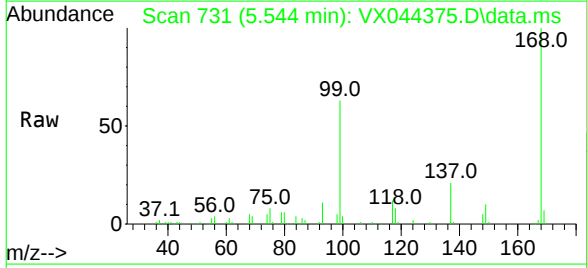
Reviewed By :John Carlone 12/20/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044375.D
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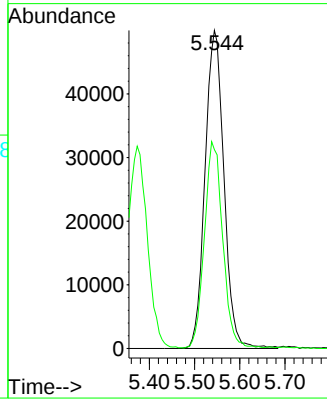
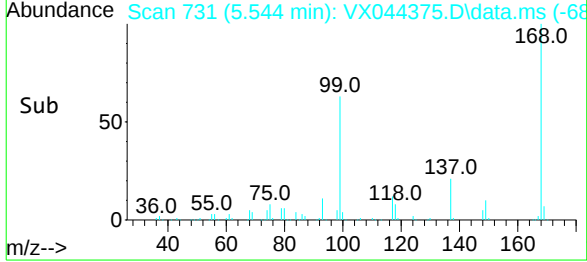
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 145222
Ion Ratio Lower Upper
168 100
99 62.3 53.4 80.0

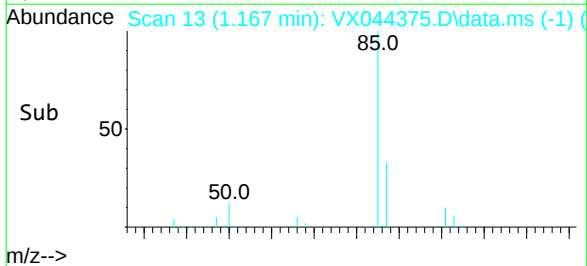
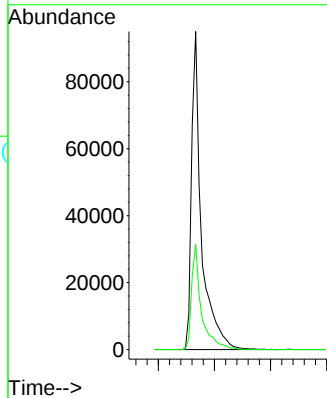
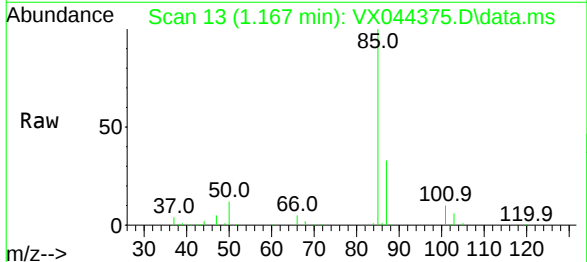
Manual Integrations
APPROVED

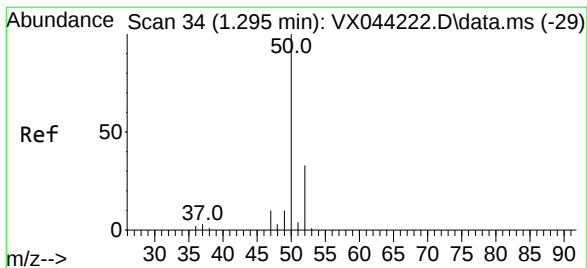
Reviewed By : John Carlone 12/20/2024
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#2
Dichlorodifluoromethane
Concen: 51.725 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 85 Resp: 116148
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.4





#3

Chloromethane

Concen: 48.687 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 104547

Ion Ratio Lower Upper

50 100

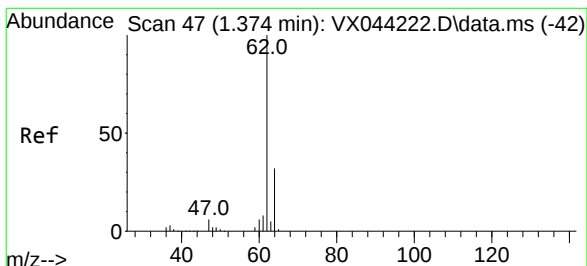
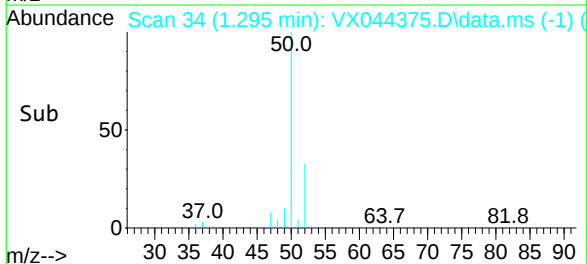
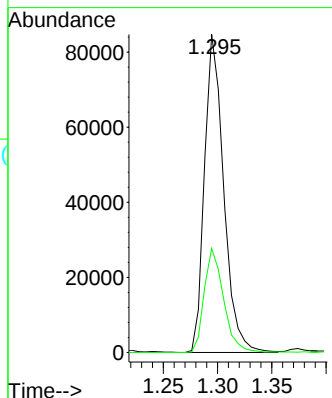
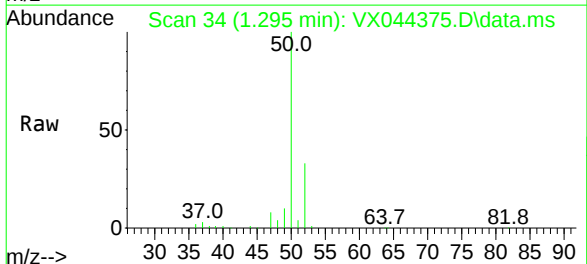
52 32.7 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 48.260 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044375.D

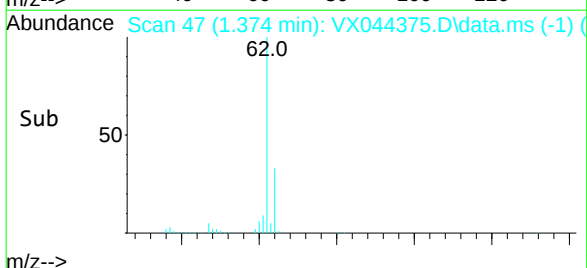
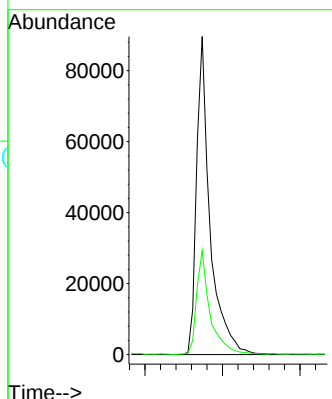
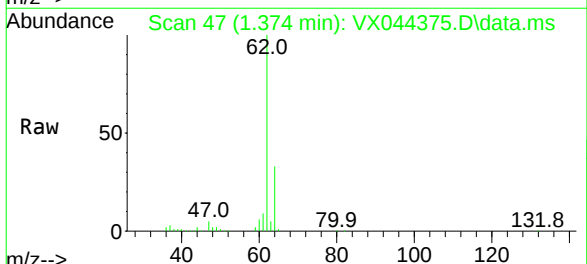
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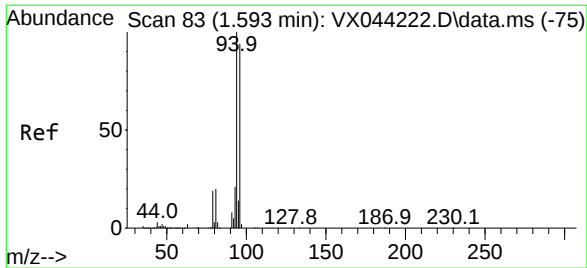
Tgt Ion: 62 Resp: 107961

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





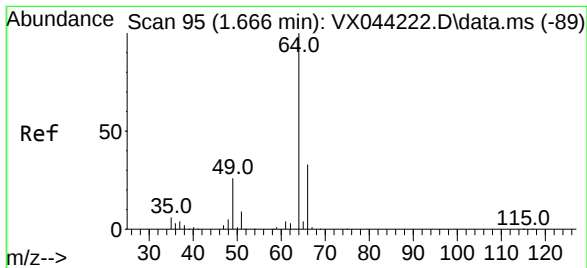
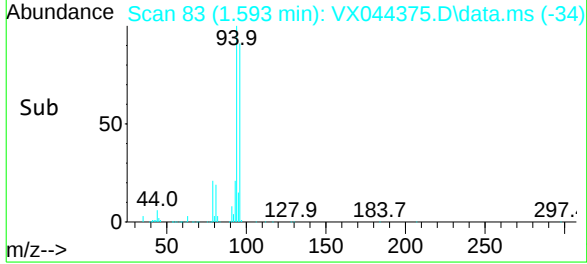
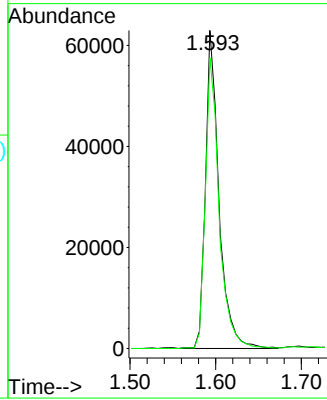
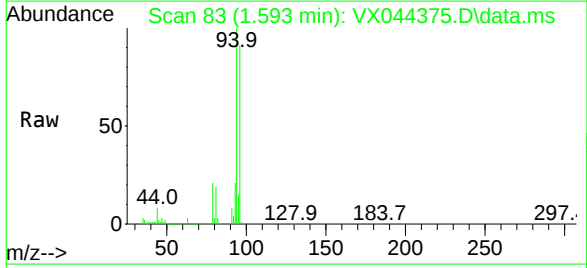
#5
Bromomethane
Concen: 43.497 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 69033
Ion Ratio Lower Upper
94 100
96 91.3 74.9 112.3

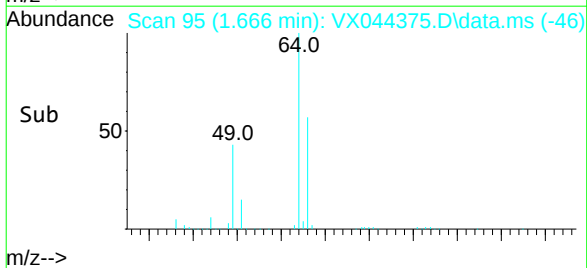
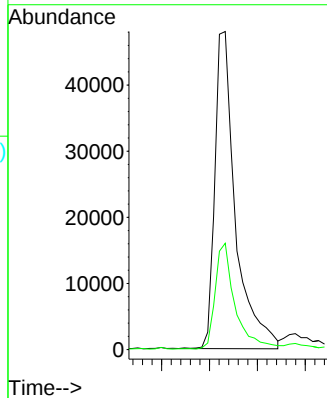
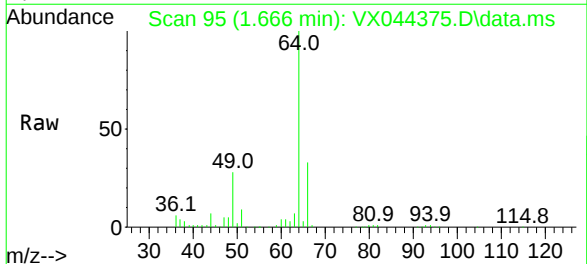
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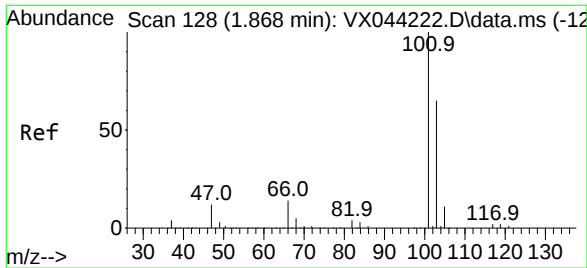
Reviewed By :John Carlone 12/20/2024
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#6
Chloroethane
Concen: 51.515 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

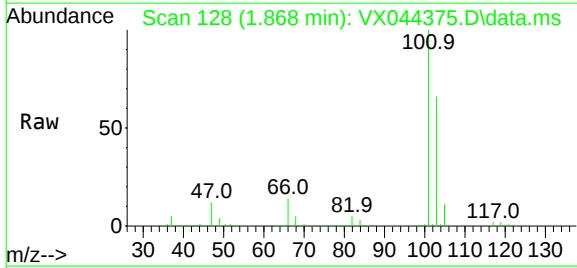
Tgt Ion: 64 Resp: 71760
Ion Ratio Lower Upper
64 100
66 33.3 26.6 39.8





#7
Trichlorofluoromethane
Concen: 42.285 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

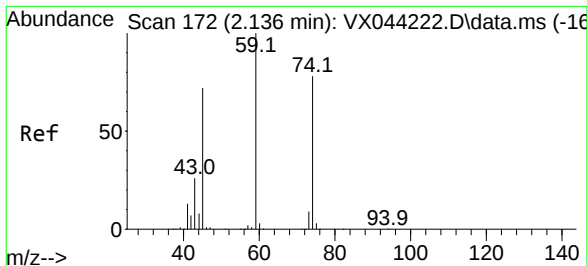
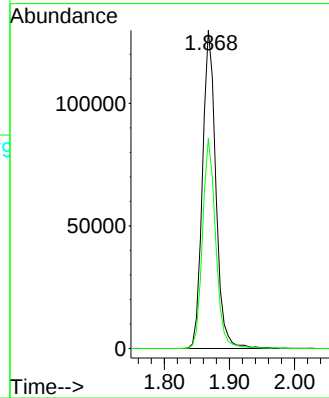
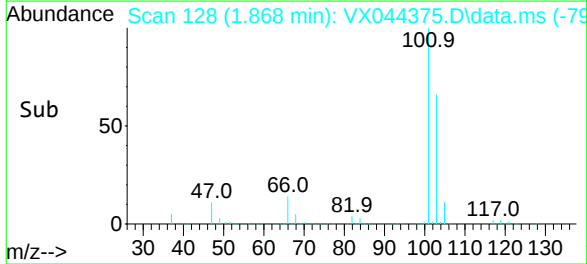
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 185191
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

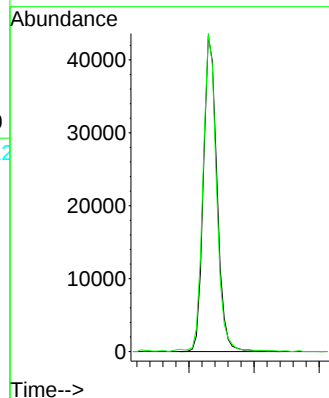
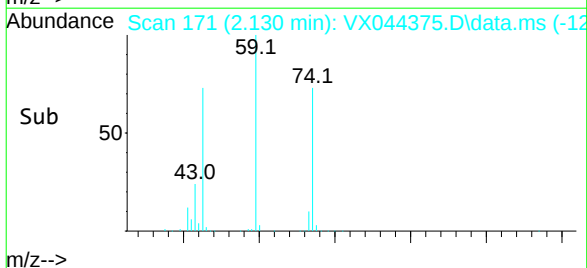
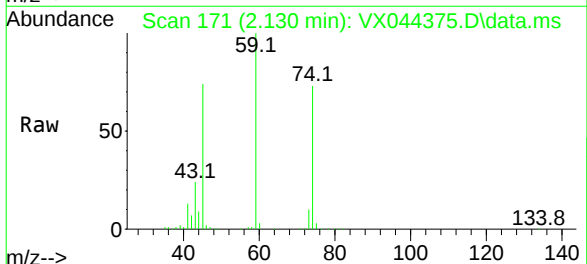
Manual Integrations
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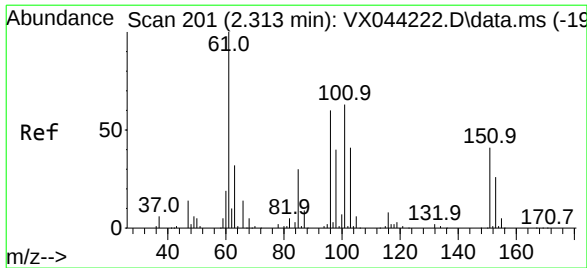
Reviewed By :John Carlone 12/20/2024
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#8
Diethyl Ether
Concen: 41.863 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044375.D
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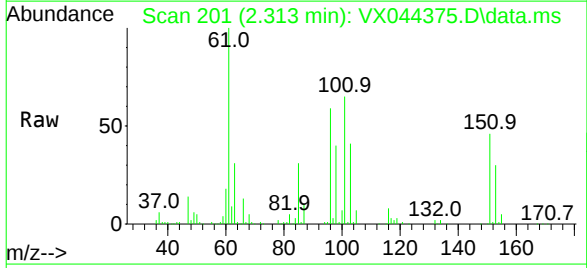
Tgt Ion: 74 Resp: 62582
Ion Ratio Lower Upper
74 100
45 101.1 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.273 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

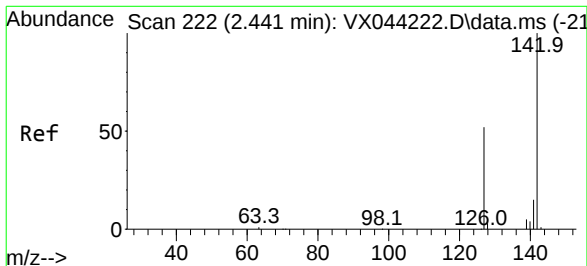
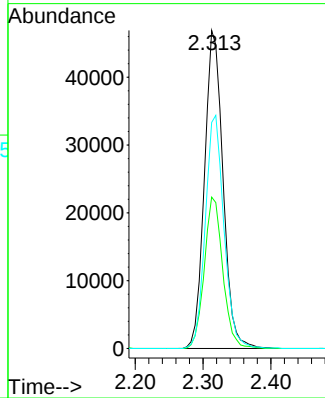
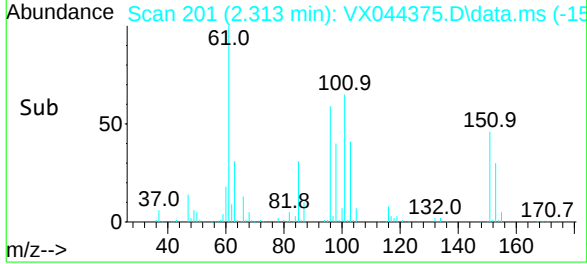
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



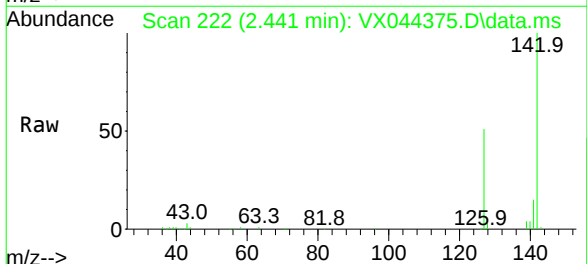
Tgt Ion:101 Resp: 89093
Ion Ratio Lower Upper
101 100
85 47.4 38.5 57.7
151 73.8 55.8 83.6

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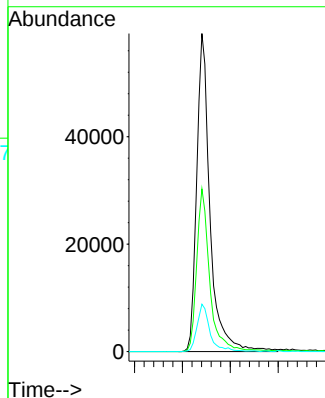
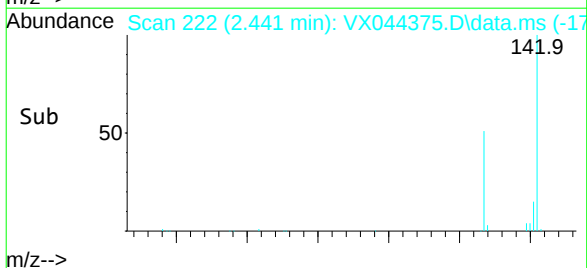
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

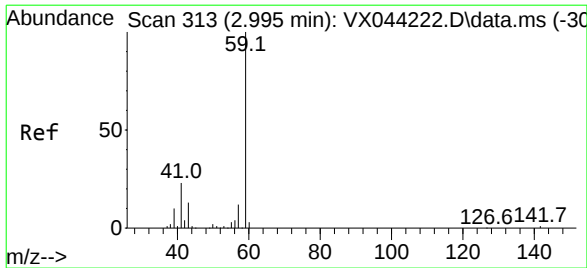


#10
Methyl Iodide
Concen: 48.954 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57



Tgt Ion:142 Resp: 114340
Ion Ratio Lower Upper
142 100
127 50.0 41.8 62.8
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 230.596 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 82750

Ion Ratio Lower Upper

59 100

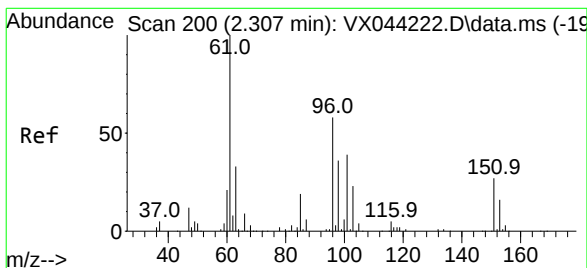
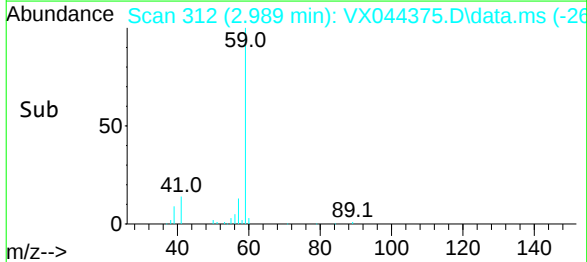
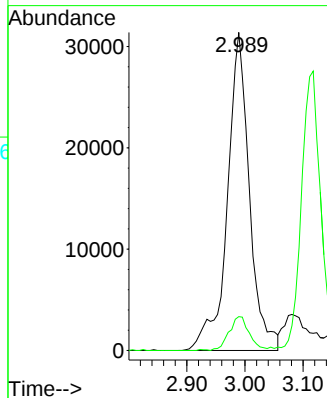
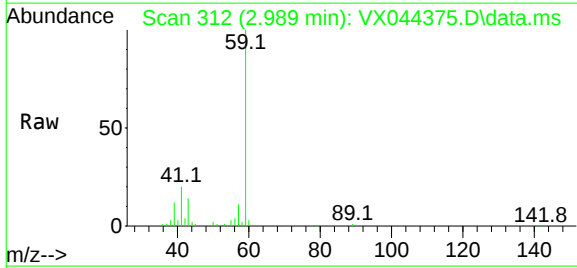
57 9.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 50.480 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

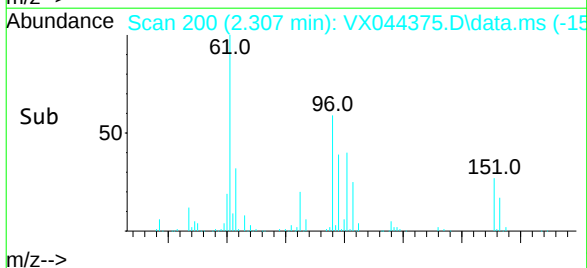
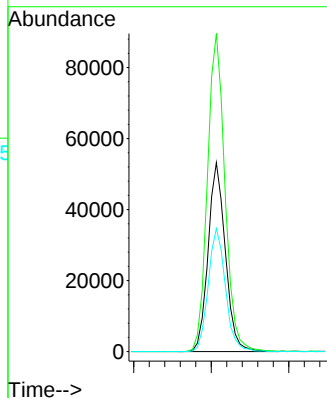
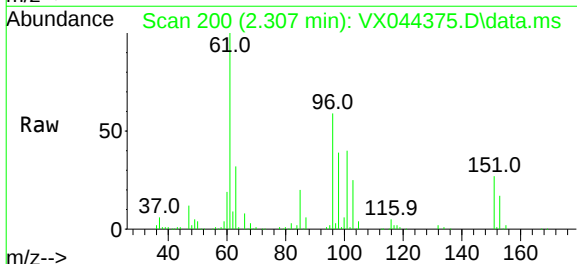
Tgt Ion: 96 Resp: 82169

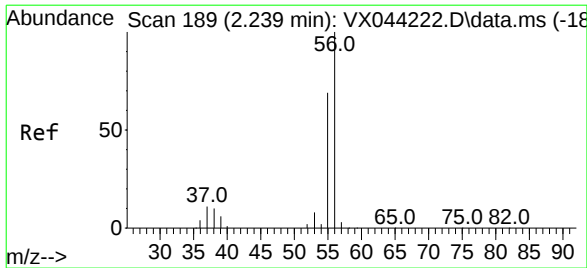
Ion Ratio Lower Upper

96 100

61 168.3 138.0 207.0

98 65.1 50.0 75.0





#13

Acrolein

Concen: 224.413 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 116572

Ion Ratio Lower Upper

56 100

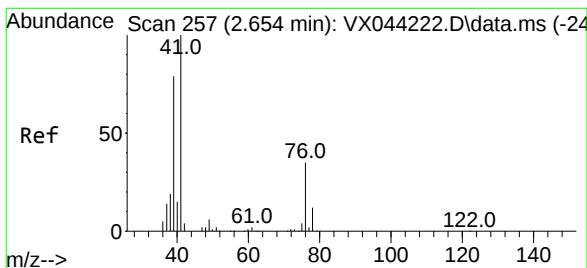
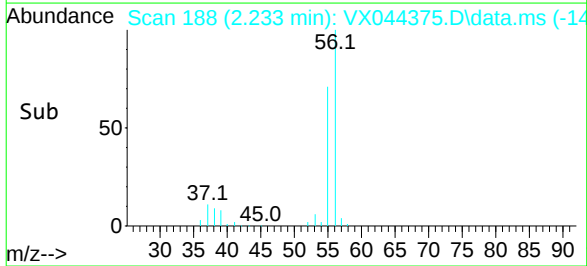
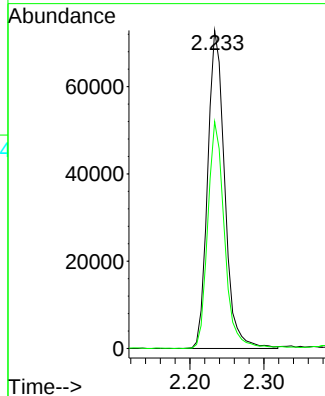
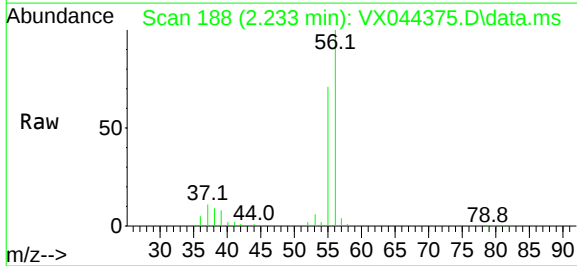
55 70.4 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 50.357 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

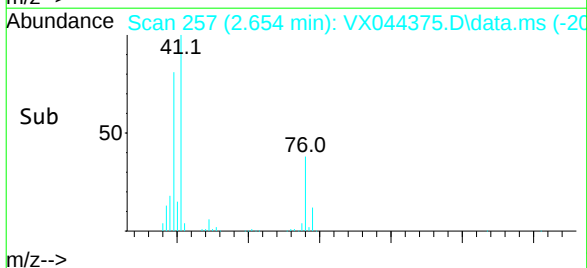
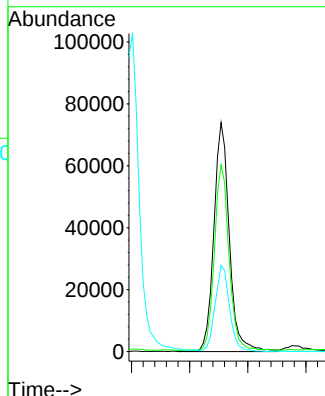
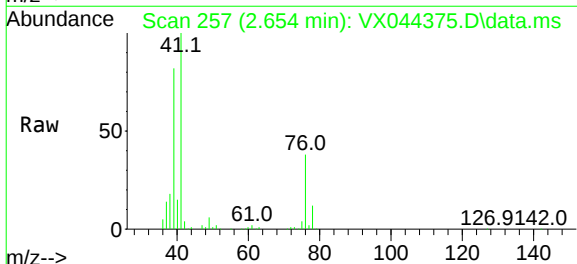
Tgt Ion: 41 Resp: 136530

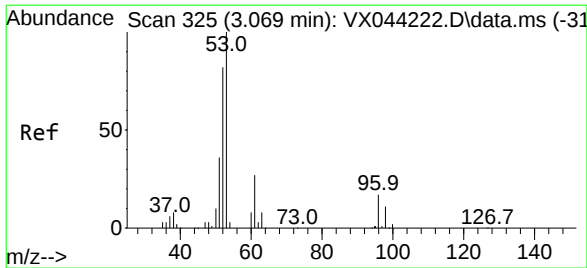
Ion Ratio Lower Upper

41 100

39 76.4 61.9 92.9

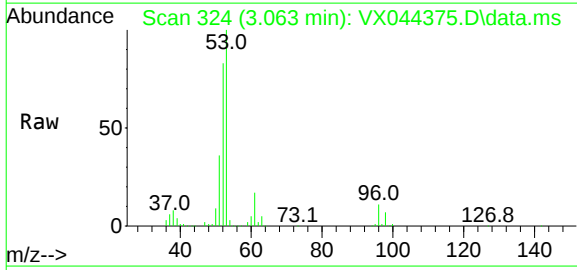
76 35.1 27.4 41.2





#15
Acrylonitrile
Concen: 231.100 ug/l
RT: 3.063 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

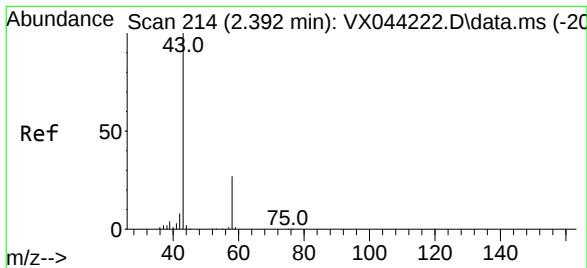
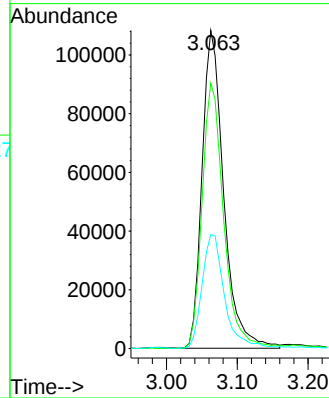
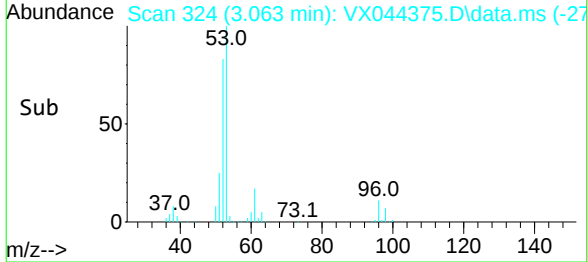
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



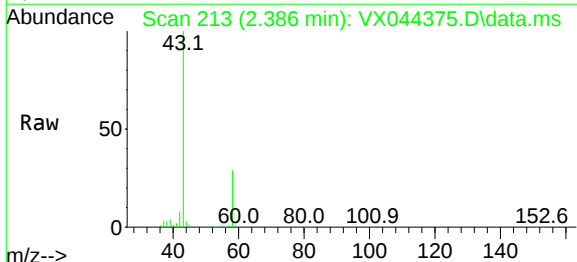
Tgt Ion: 53 Resp: 229722
Ion Ratio Lower Upper
53 100
52 83.6 67.4 101.0
51 37.7 30.3 45.5

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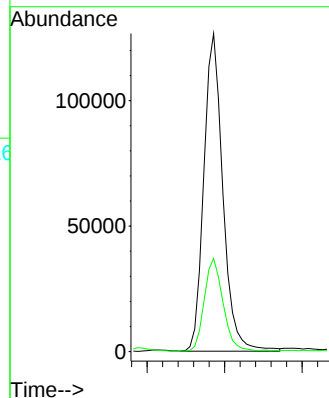
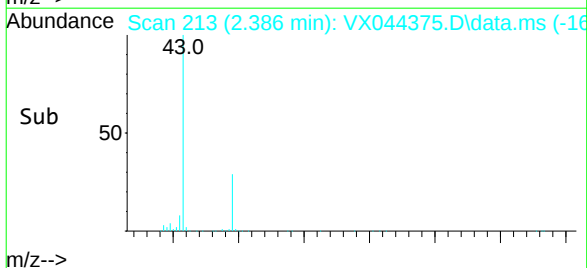
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

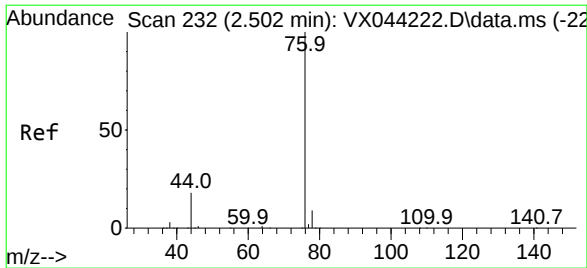


#16
Acetone
Concen: 208.352 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57



Tgt Ion: 43 Resp: 216281
Ion Ratio Lower Upper
43 100
58 29.2 21.6 32.4





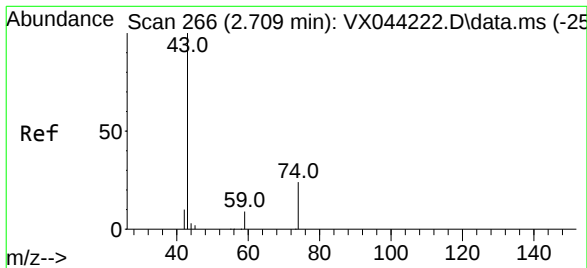
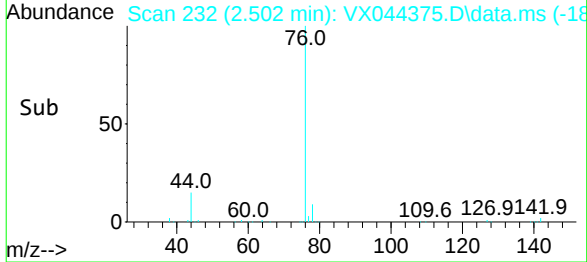
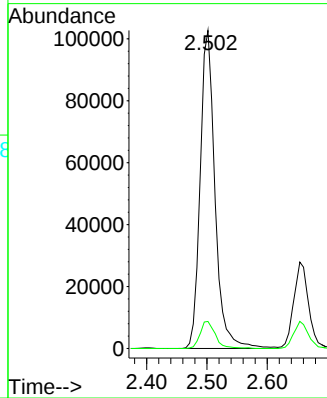
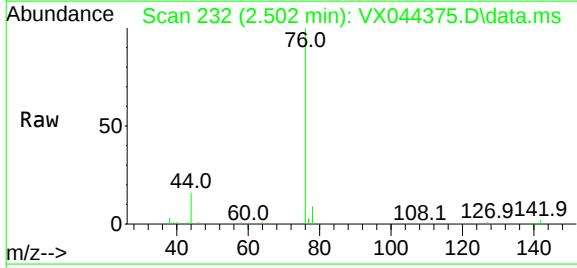
#17
Carbon Disulfide
Concen: 56.760 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 175625
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

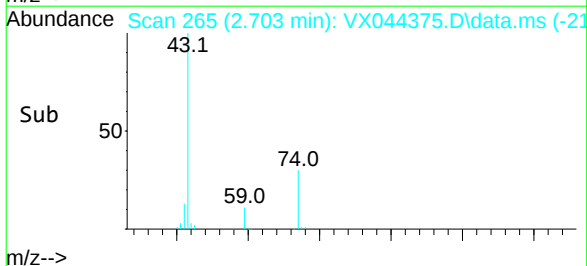
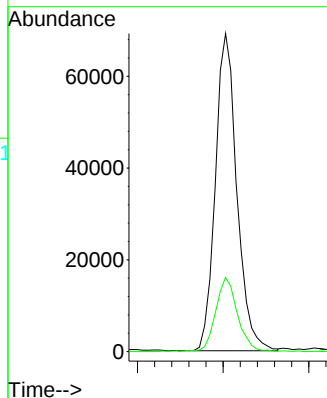
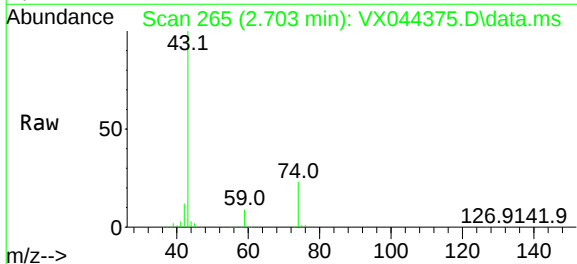
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 45.040 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 43 Resp: 120549
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





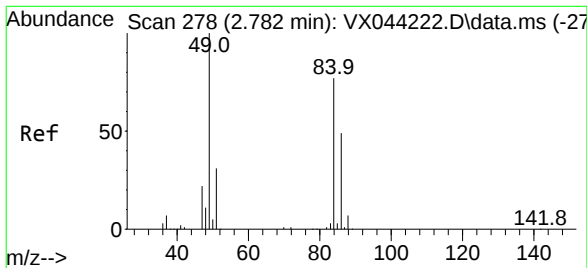
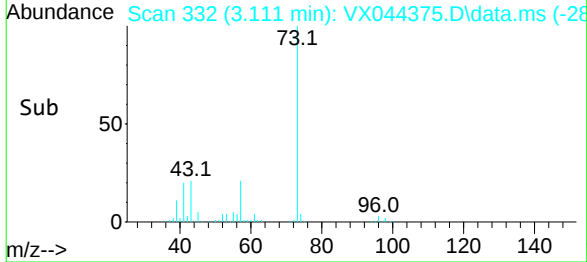
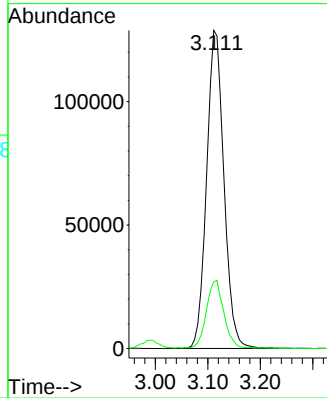
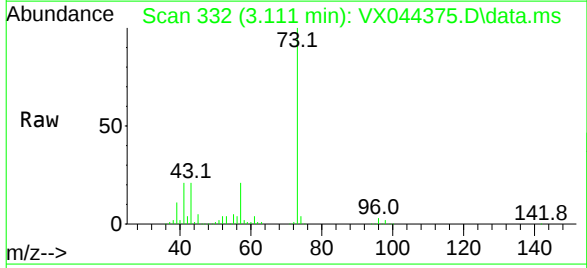
#19
Methyl tert-butyl Ether
Concen: 46.491 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 295317
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.4

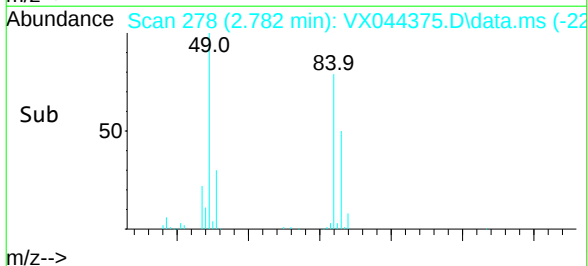
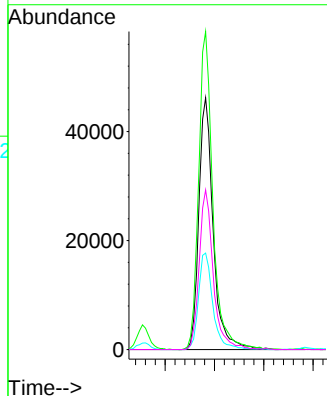
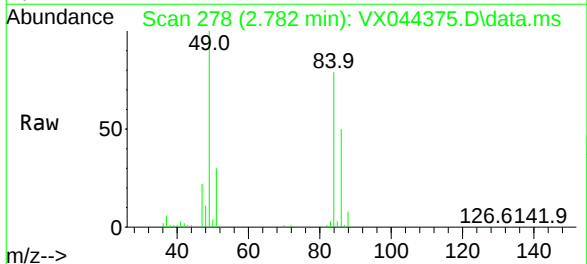
Manual Integrations
APPROVED

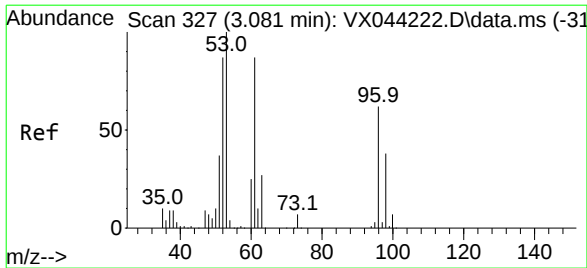
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 47.904 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

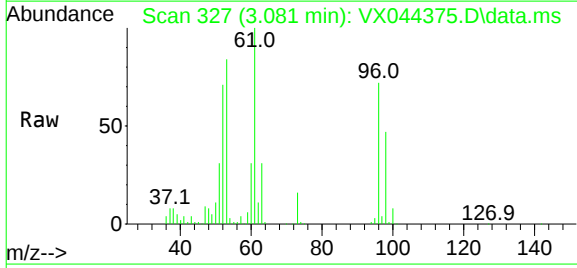
Tgt Ion: 84 Resp: 93400
Ion Ratio Lower Upper
84 100
49 126.3 104.2 156.4
51 38.3 32.2 48.4
86 63.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 49.833 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

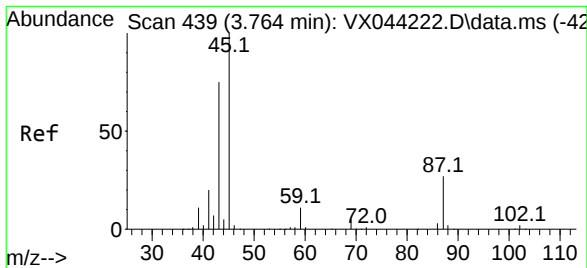
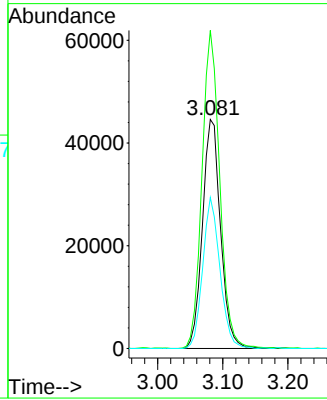
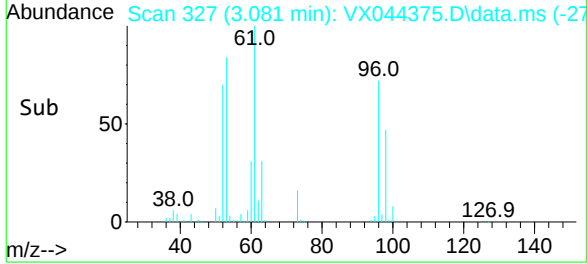
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



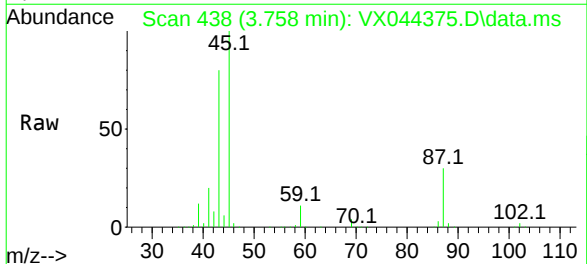
Tgt Ion: 96 Resp: 86210
Ion Ratio Lower Upper
96 100
61 138.9 112.0 168.0
98 65.9 48.8 73.2

Manual Integrations
APPROVED

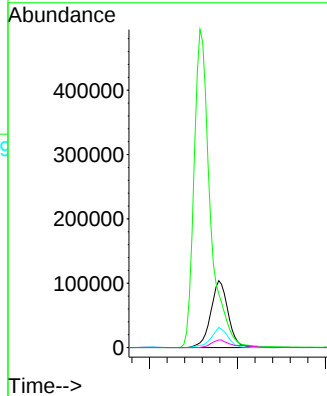
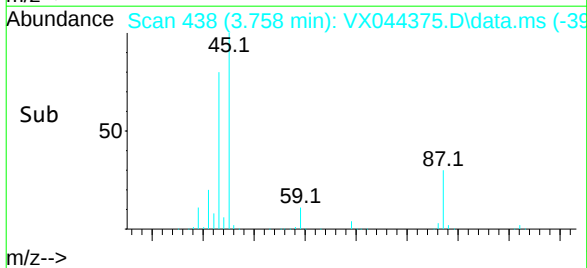
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

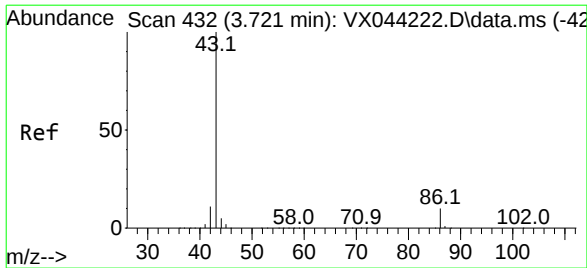


#22
Diisopropyl ether
Concen: 46.766 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57



Tgt Ion: 45 Resp: 285517
Ion Ratio Lower Upper
45 100
43 80.0 60.2 90.2
87 30.0 21.2 31.8
59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 255.320 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1267305

Ion Ratio Lower Upper

43 100

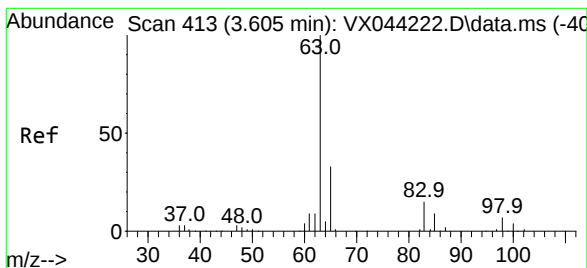
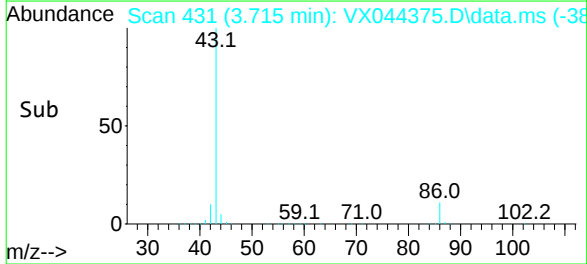
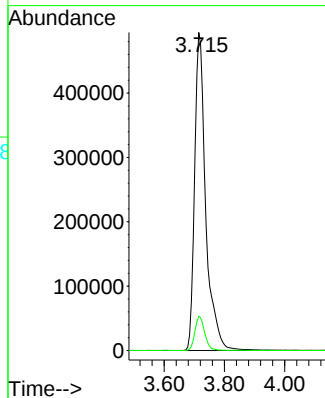
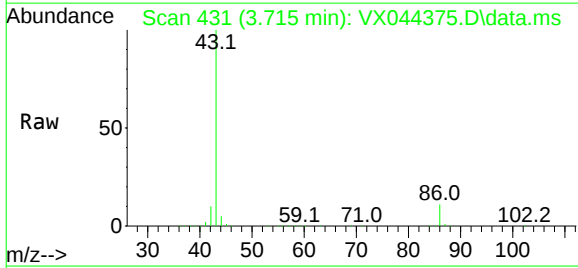
86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 47.946 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

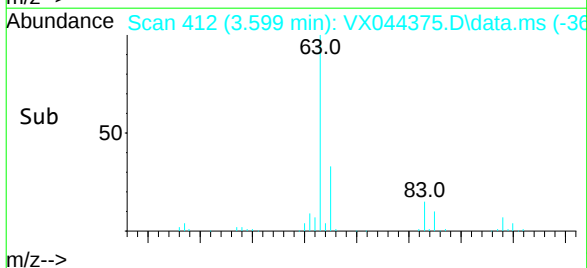
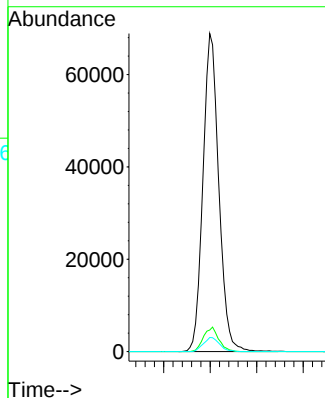
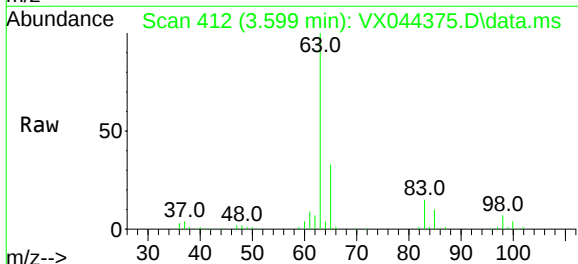
Tgt Ion: 63 Resp: 163171

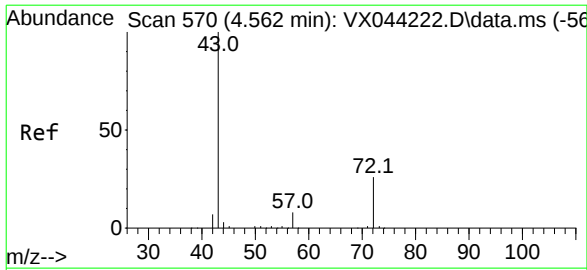
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.4 2.1 6.3





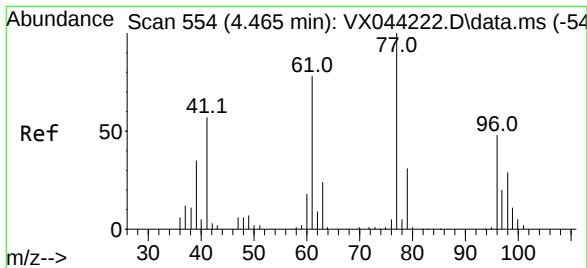
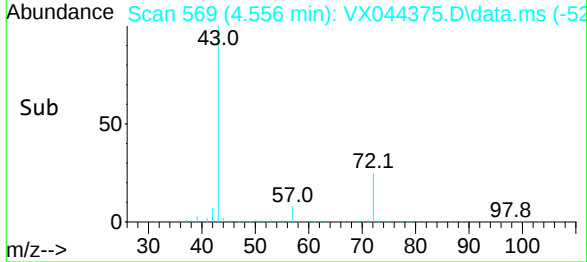
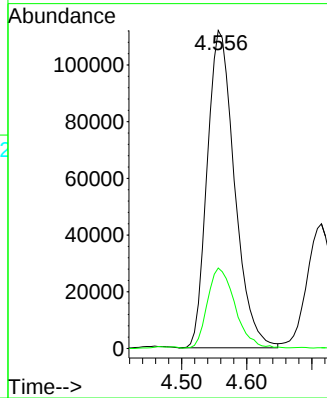
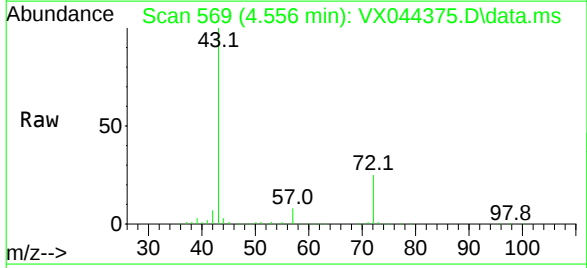
#25
2-Butanone
Concen: 221.473 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 326836
Ion Ratio Lower Upper
43 100
72 25.0 20.2 30.4

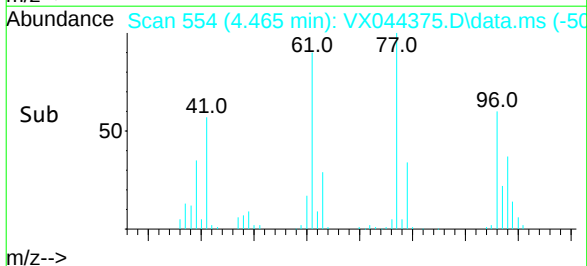
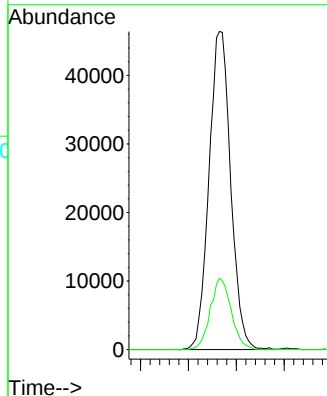
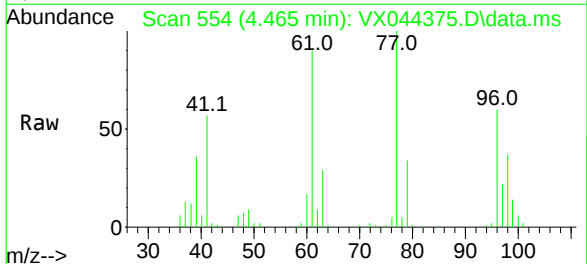
Manual Integrations
APPROVED

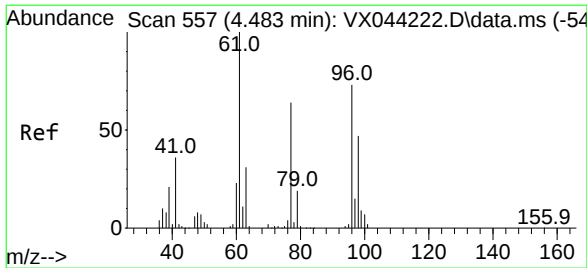
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 52.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

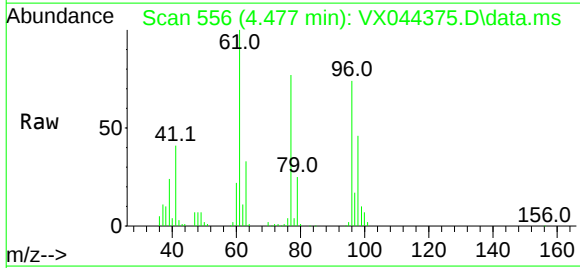
Tgt Ion: 77 Resp: 145905
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.800 ug/l
 RT: 4.477 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VX044375.D
 Acq: 18 Dec 2024 11:57

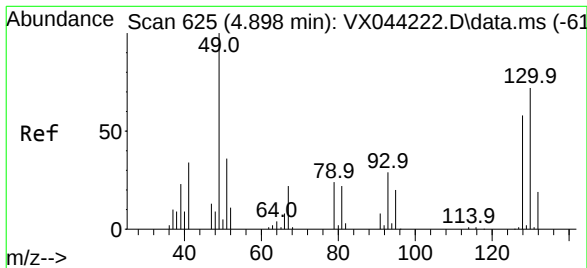
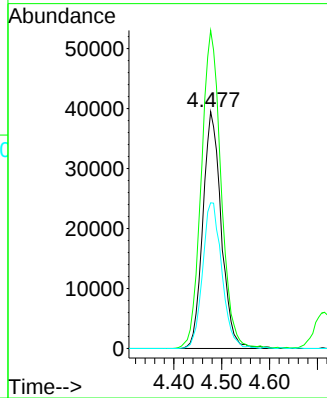
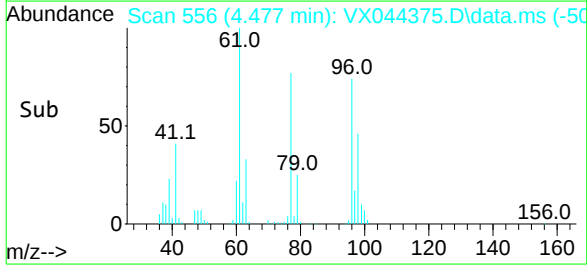
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 105020
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 299.0
 98 64.6 0.0 129.0

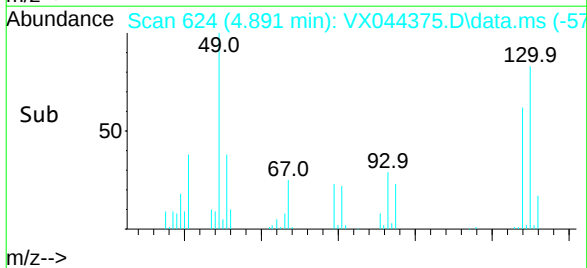
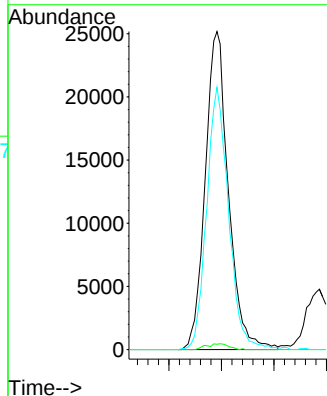
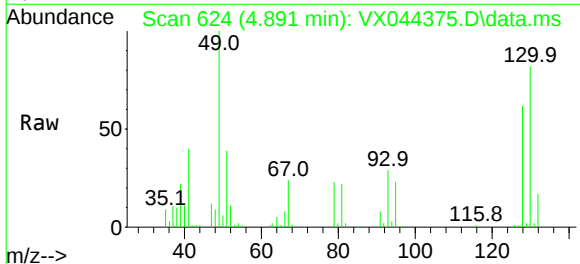
Manual Integrations
 APPROVED

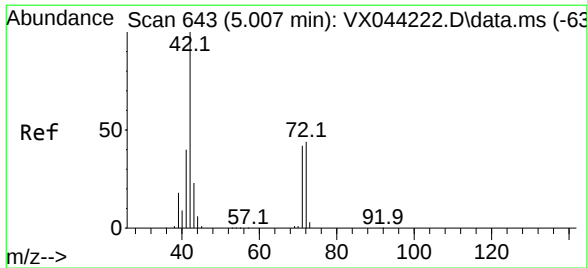
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#28
 Bromochloromethane
 Concen: 46.252 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044375.D
 Acq: 18 Dec 2024 11:57

Tgt Ion: 49 Resp: 77185
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 78.1 62.1 93.1





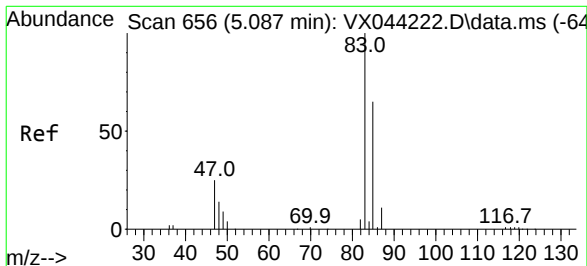
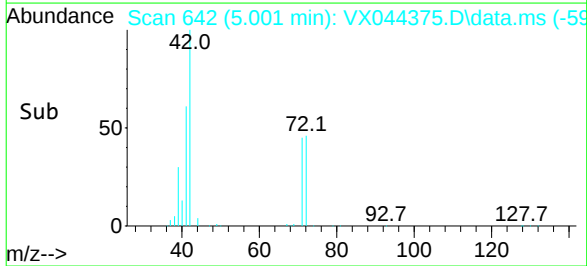
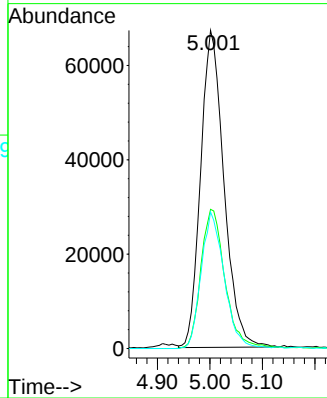
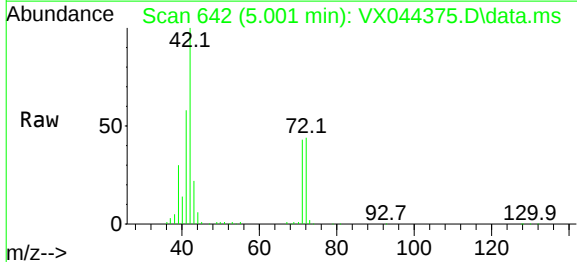
#29
Tetrahydrofuran
Concen: 219.106 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 207544
Ion Ratio Lower Upper
42 100
72 45.5 37.0 55.6
71 42.5 33.6 50.4

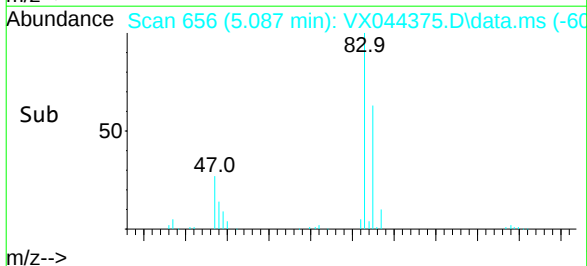
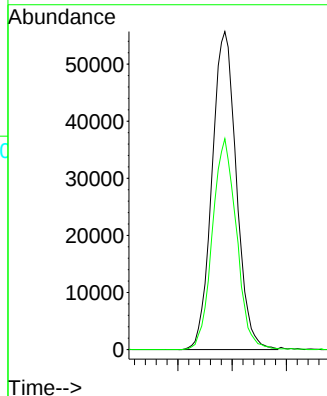
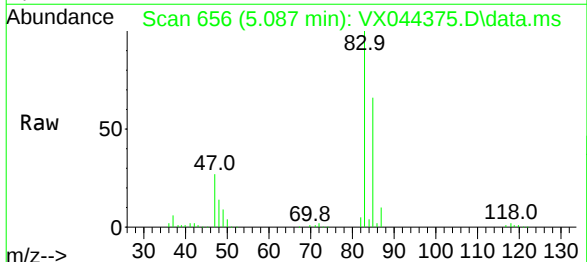
Manual Integrations
APPROVED

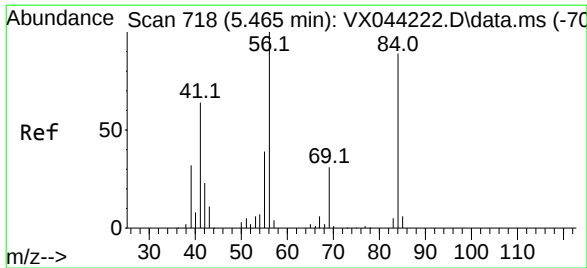
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 45.441 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 83 Resp: 173750
Ion Ratio Lower Upper
83 100
85 66.3 51.6 77.4





#31

Cyclohexane

Concen: 50.494 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 138763

Ion Ratio Lower Upper

56 100

69 29.6 24.7 37.1

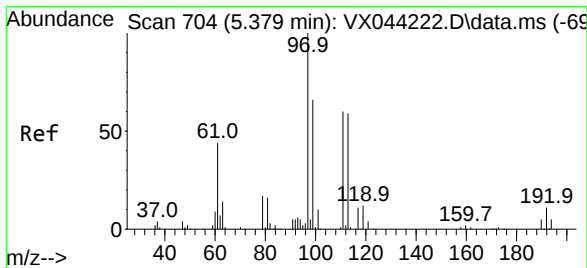
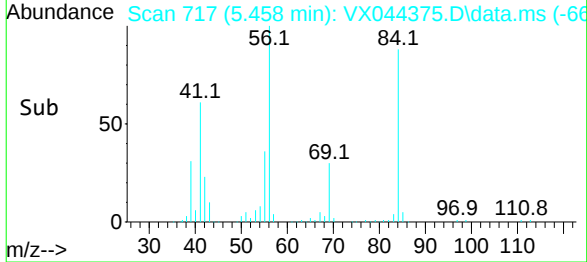
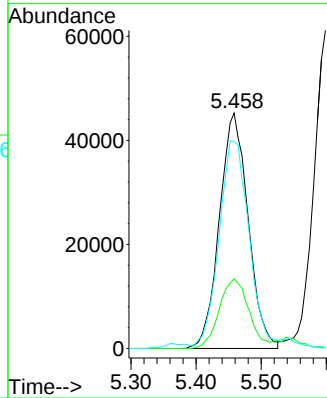
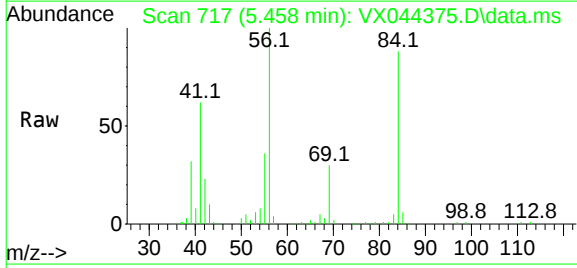
84 86.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 49.028 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

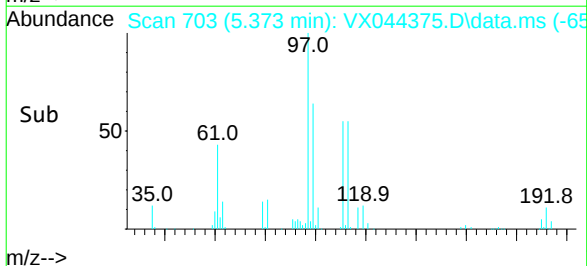
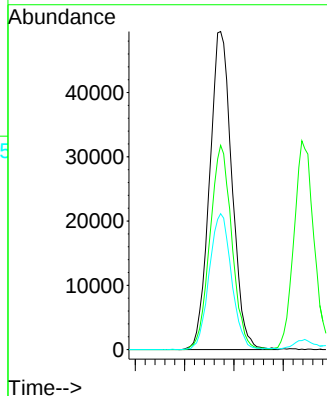
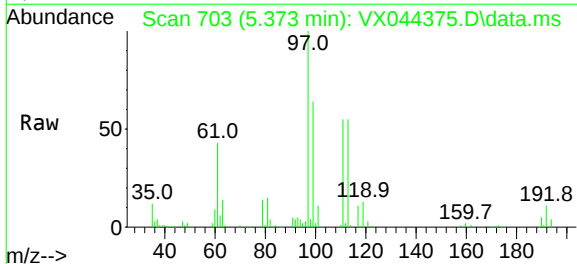
Tgt Ion: 97 Resp: 155612

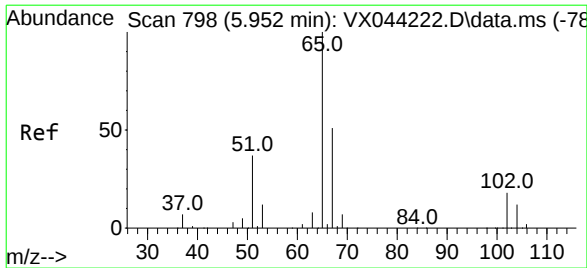
Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 42.7 35.2 52.8





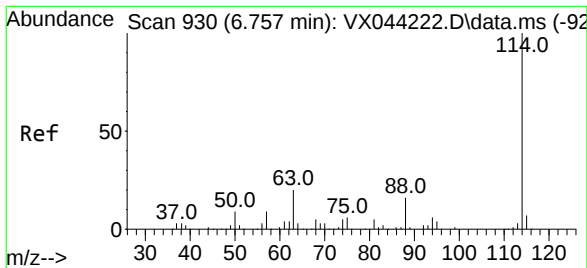
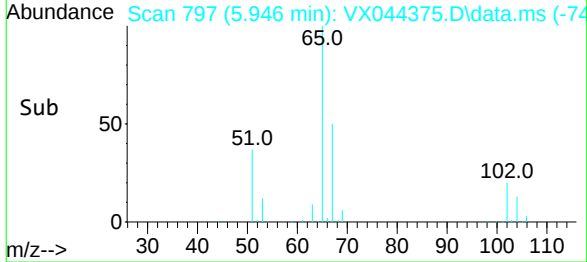
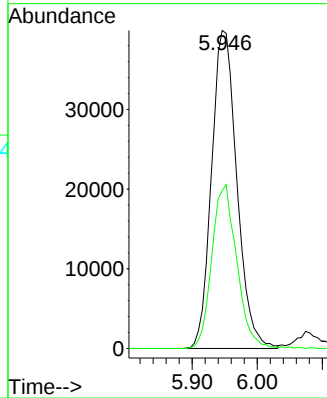
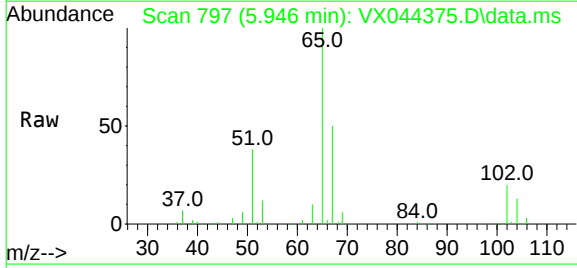
#33
1,2-Dichloroethane-d4
Concen: 42.332 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 107787
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

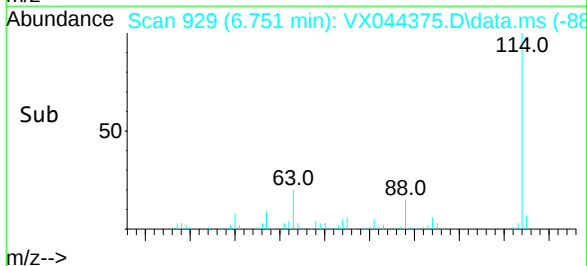
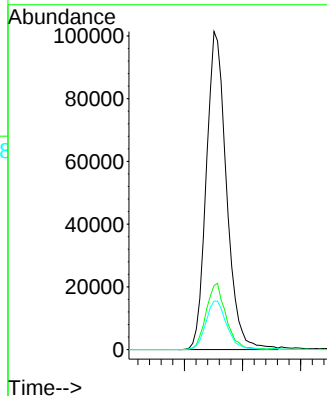
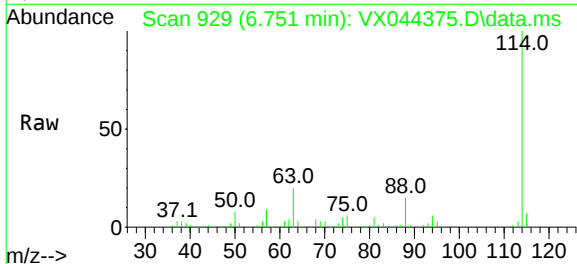
Manual Integrations
APPROVED

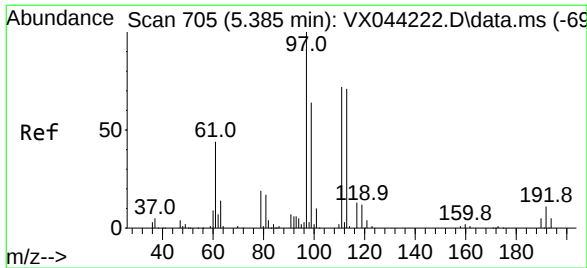
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion:114 Resp: 244425
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.6
88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.107 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 83132

Ion Ratio Lower Upper

113 100

111 103.9 80.4 120.6

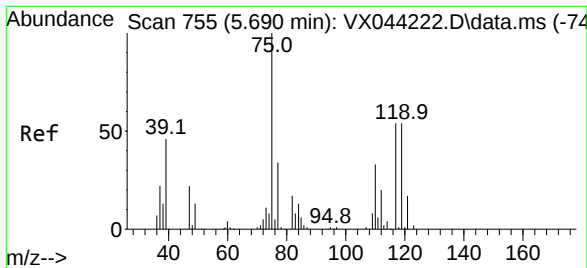
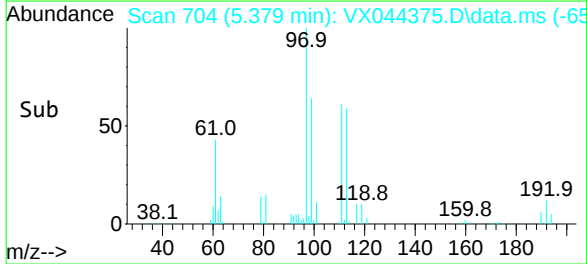
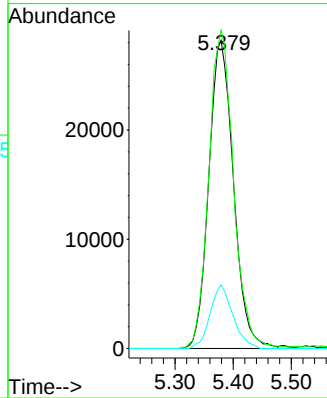
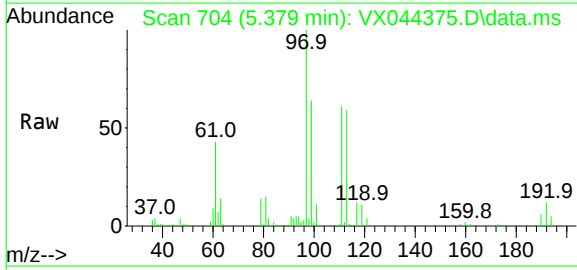
192 19.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

1,1-Dichloropropene

Concen: 52.248 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

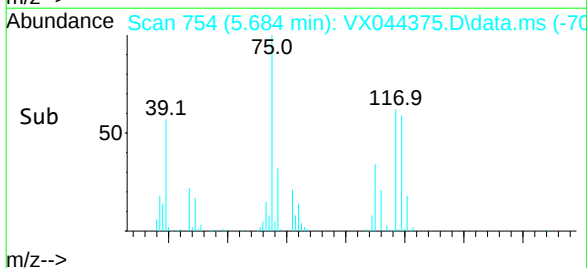
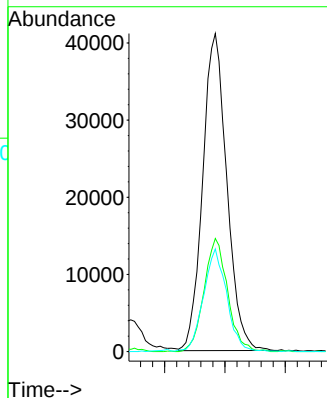
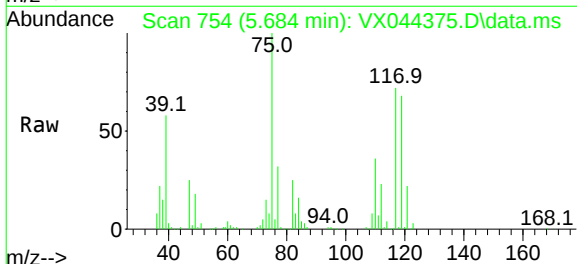
Tgt Ion: 75 Resp: 114333

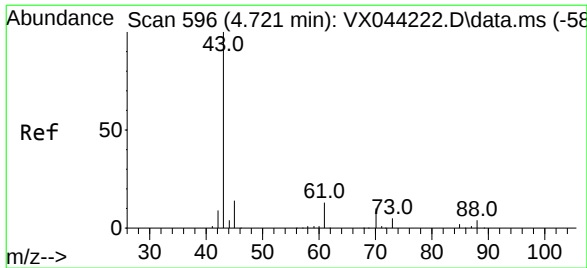
Ion Ratio Lower Upper

75 100

110 34.8 17.3 51.7

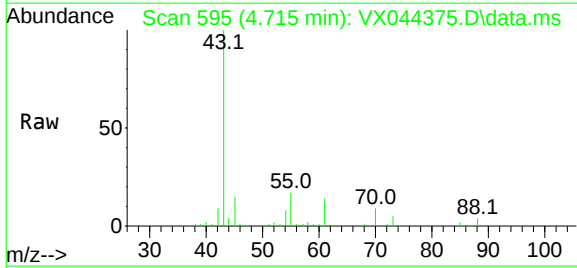
77 31.2 25.4 38.0





#37
Ethyl Acetate
Concen: 49.494 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

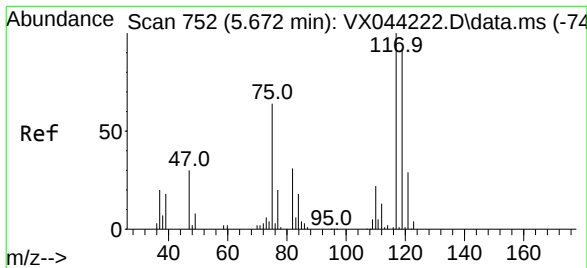
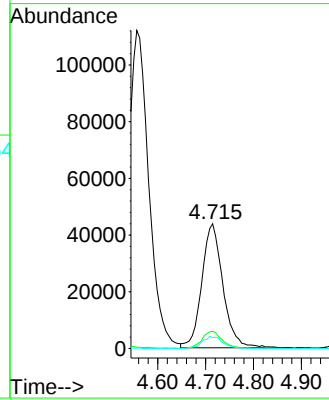
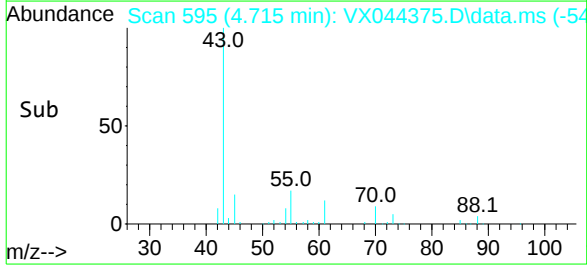
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 133879
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 9.3 7.7 11.5

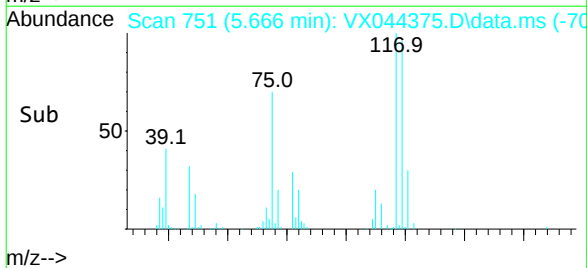
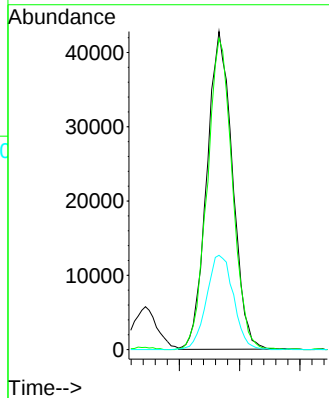
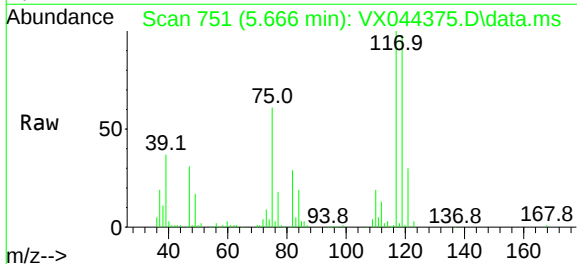
Manual Integrations
APPROVED

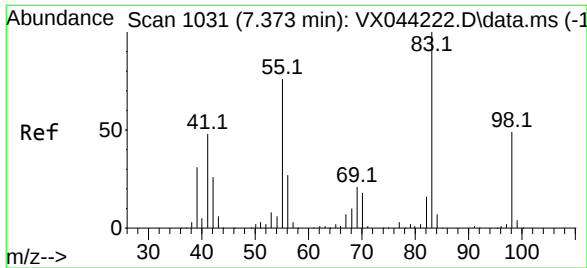
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 53.675 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion:117 Resp: 126452
Ion Ratio Lower Upper
117 100
119 97.8 74.2 111.4
121 29.7 23.0 34.6





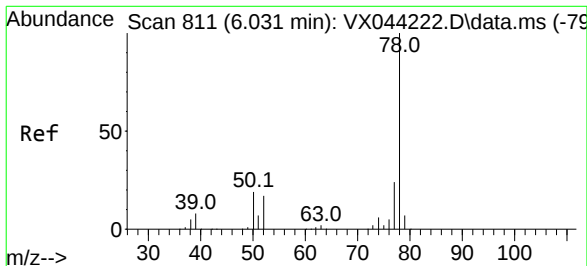
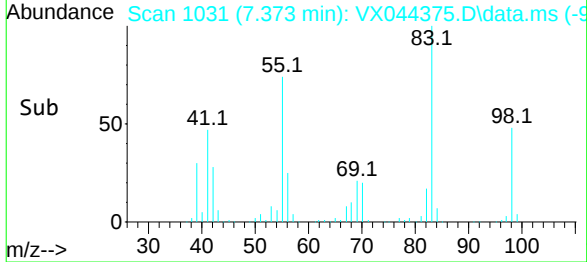
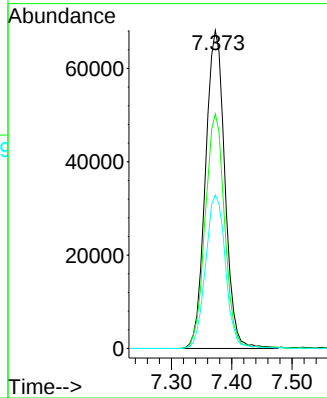
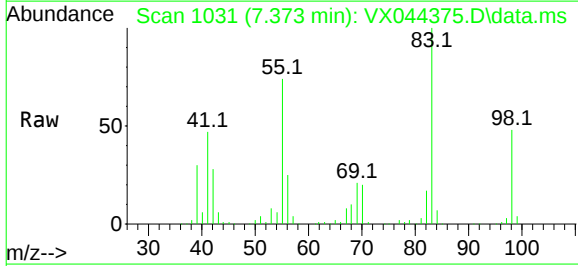
#39
Methylcyclohexane
Concen: 58.275 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 152449
Ion Ratio Lower Upper
83 100
55 73.7 60.7 91.1
98 48.3 38.9 58.3

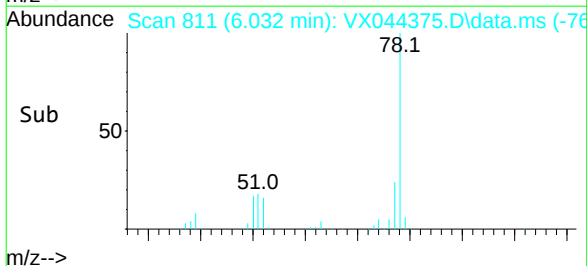
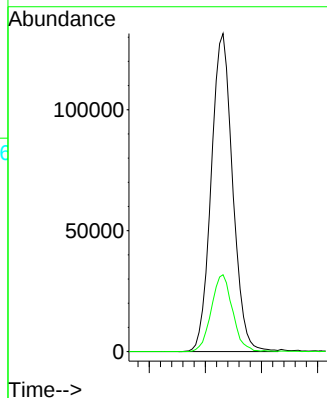
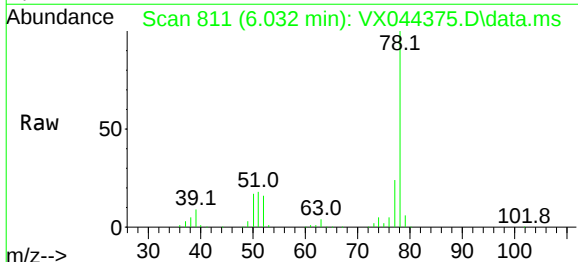
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 52.550 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 78 Resp: 349139
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





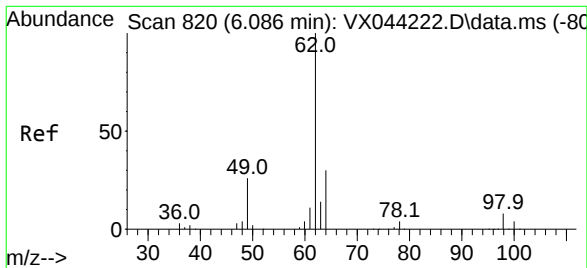
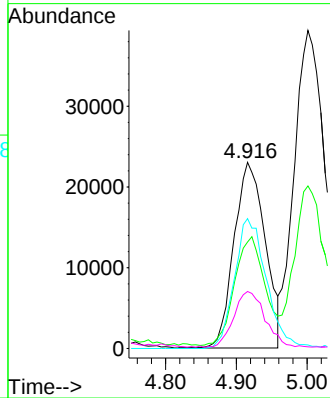
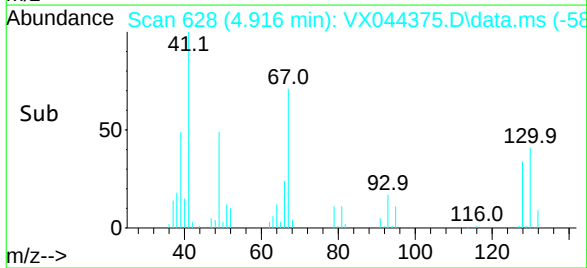
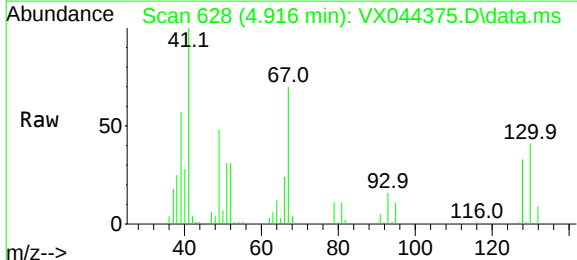
#41
Methacrylonitrile
Concen: 49.080 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	70496
Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.2	66.4
67	71.8	57.2	85.8
52	31.0	24.6	37.0

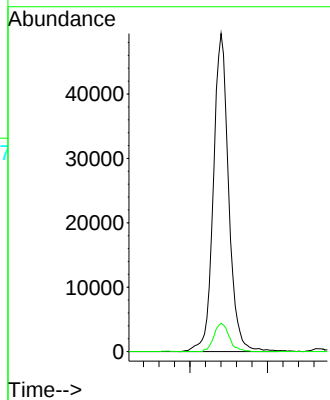
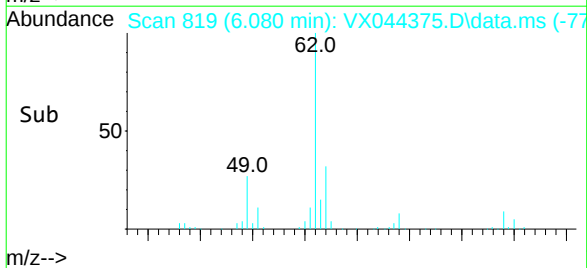
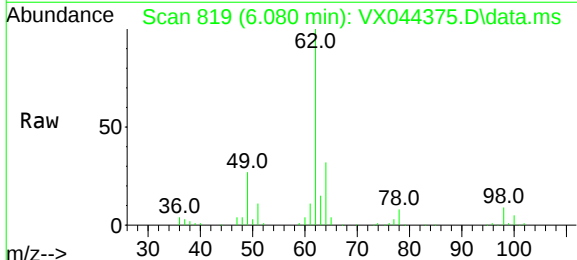
Manual Integrations
APPROVED

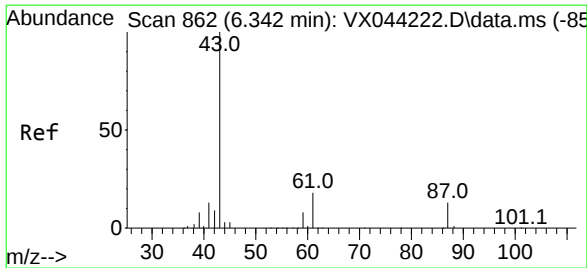
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 49.531 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion:	62	Resp:	135560
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.210 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

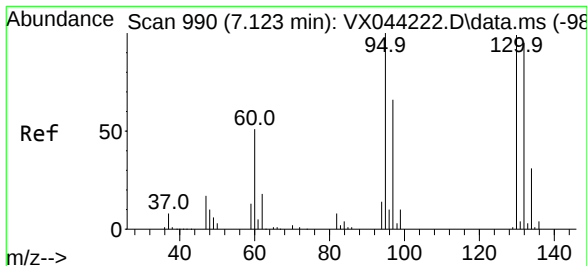
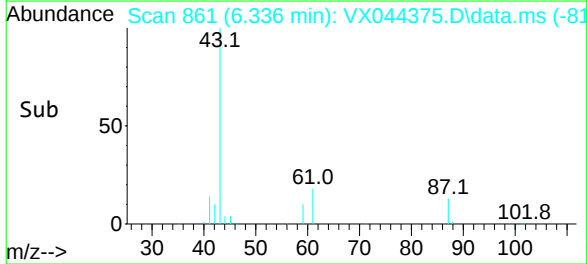
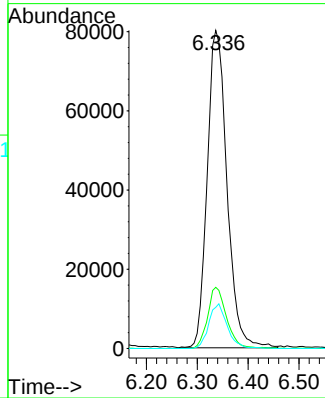
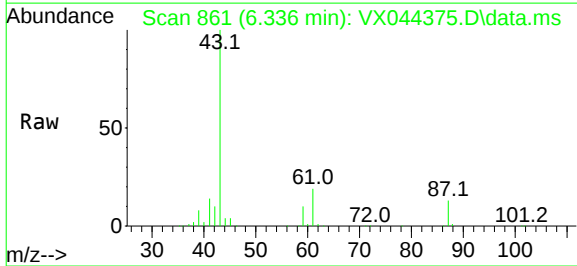
Tgt Ion:	43	Resp:	216506
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.2
87	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 53.650 ug/l

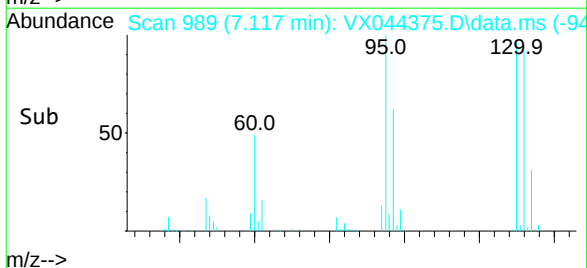
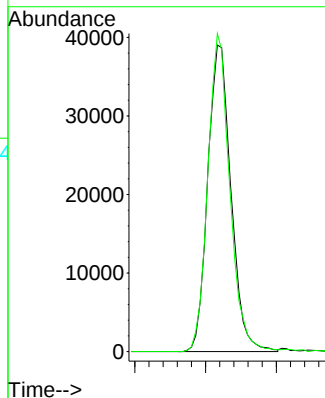
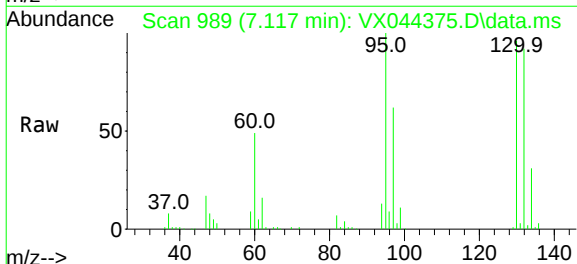
RT: 7.117 min Scan# 989

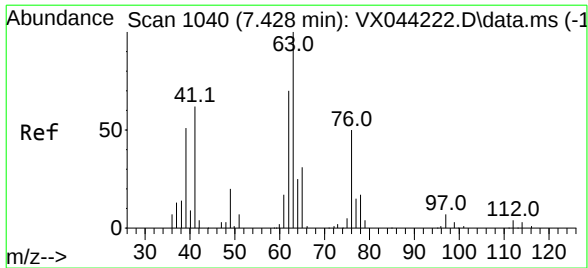
Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Tgt Ion:	130	Resp:	88888
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	201.4





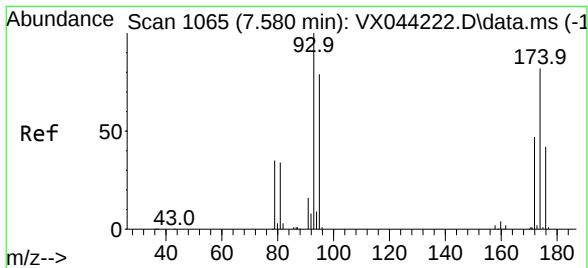
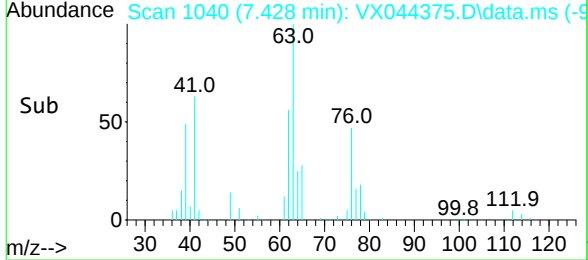
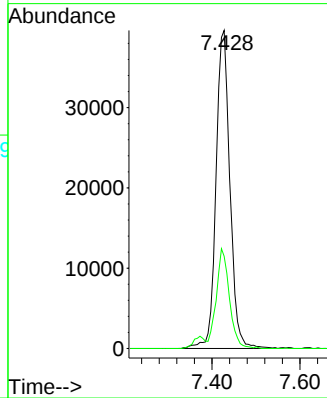
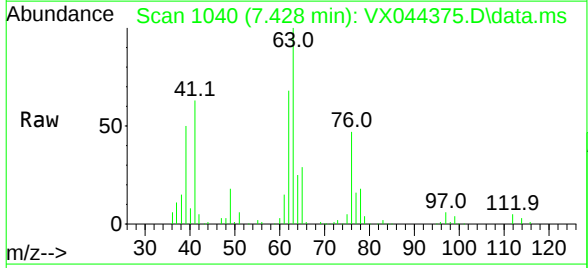
#45
1,2-Dichloropropane
Concen: 51.252 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 86995
Ion Ratio Lower Upper
63 100
65 29.0 24.6 37.0

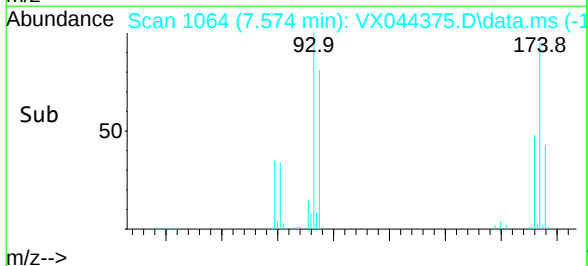
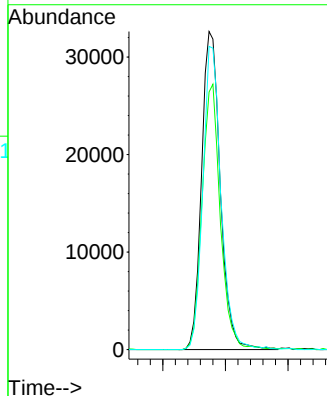
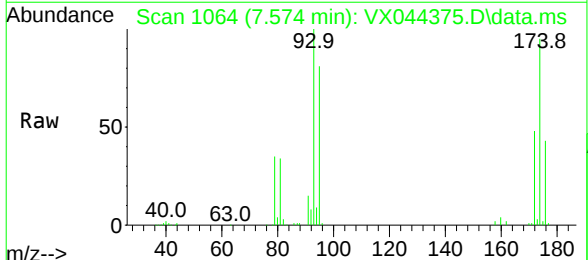
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 51.538 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 93 Resp: 67868
Ion Ratio Lower Upper
93 100
95 81.8 65.4 98.2
174 93.0 67.9 101.9





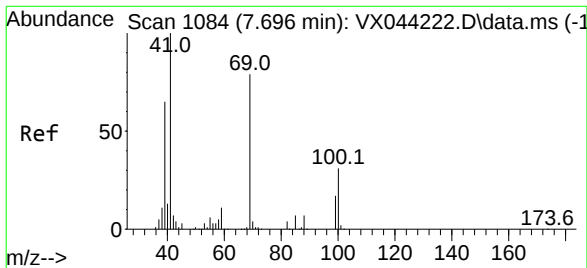
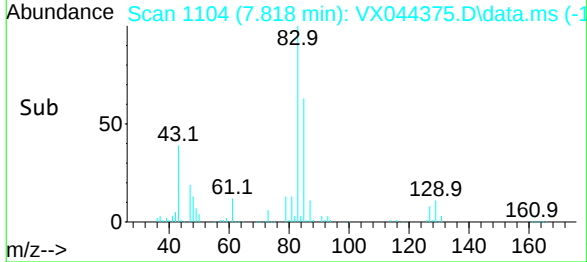
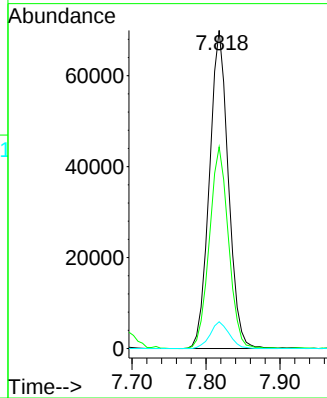
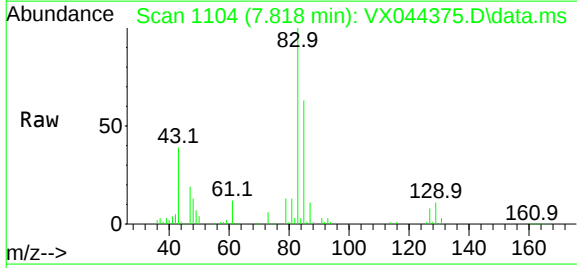
#47
Bromodichloromethane
Concen: 54.647 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 124282
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 8.4 7.3 10.9

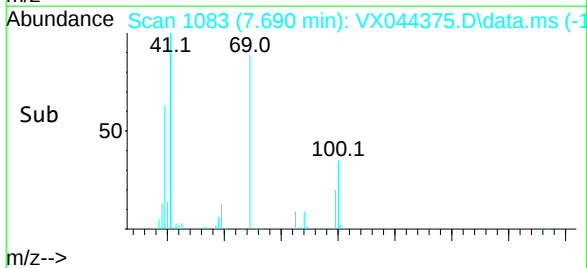
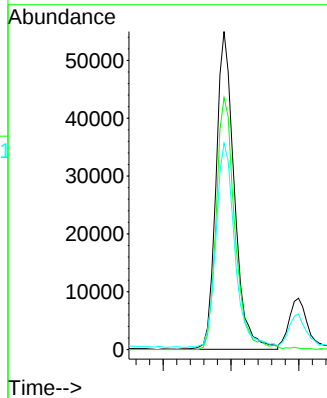
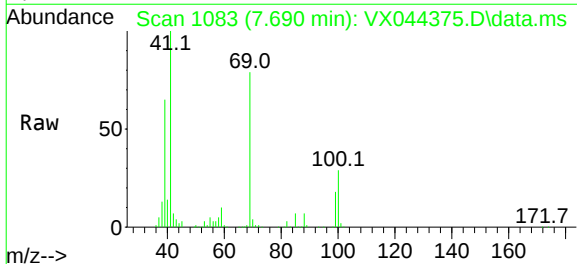
Manual Integrations
APPROVED

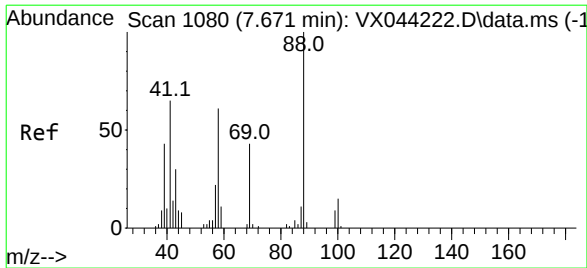
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 50.124 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

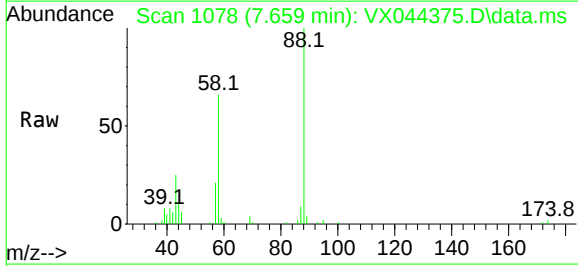
Tgt Ion: 41 Resp: 102868
Ion Ratio Lower Upper
41 100
69 80.4 62.4 93.6
39 66.0 53.3 79.9





#49
1,4-Dioxane
Concen: 724.793 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

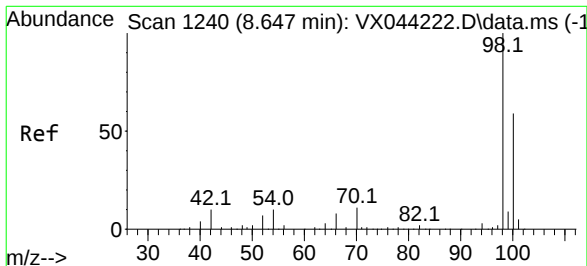
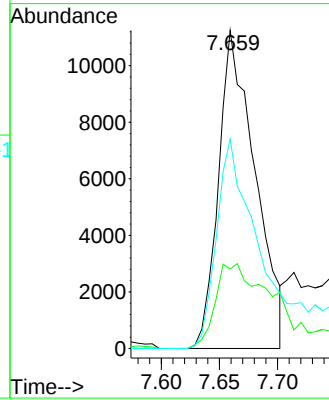
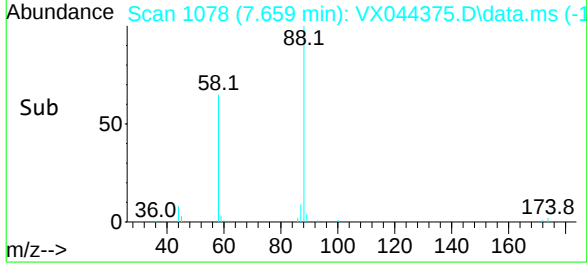
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 24662
Ion Ratio Lower Upper
88 100
43 42.4 27.1 40.7#
58 77.6 41.0 61.4#

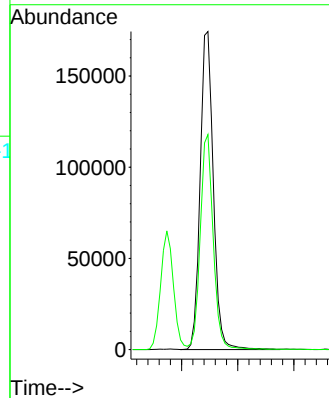
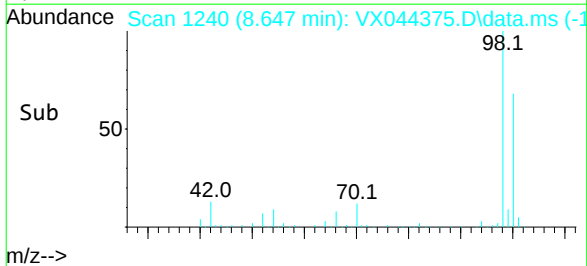
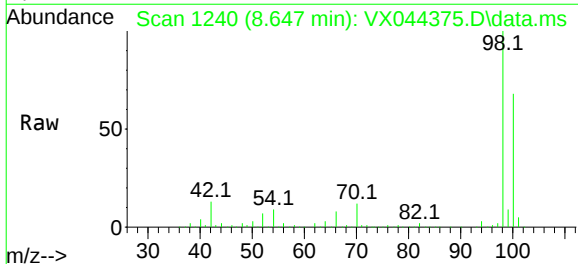
Manual Integrations
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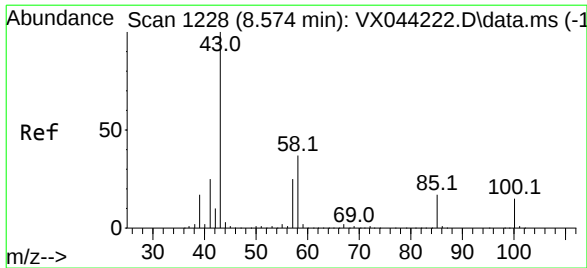
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 49.811 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 98 Resp: 284482
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3





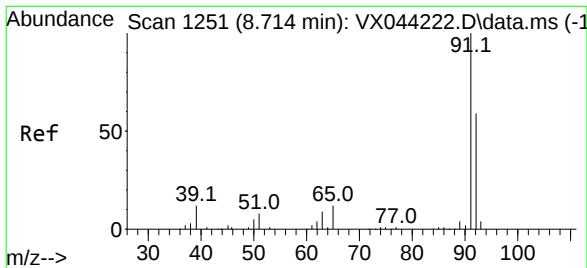
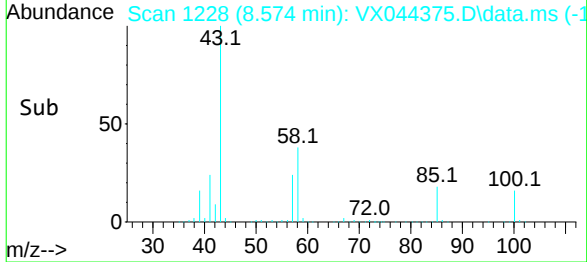
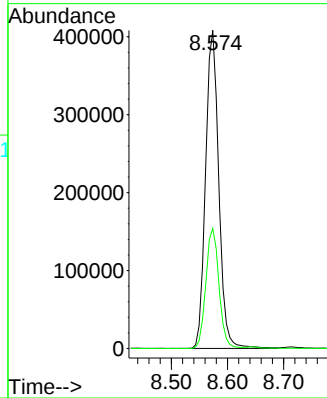
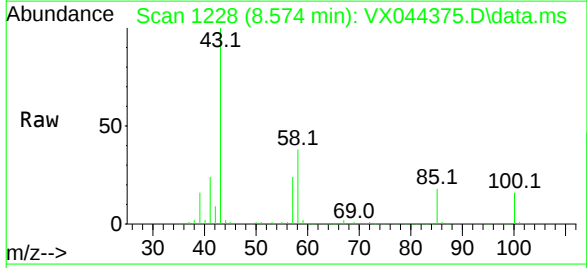
#51
4-Methyl-2-Pentanone
Concen: 245.442 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 667207
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.0

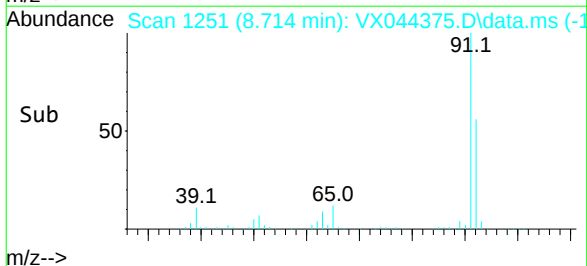
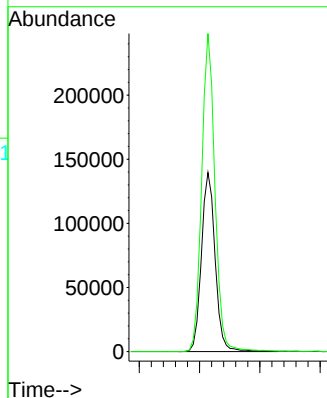
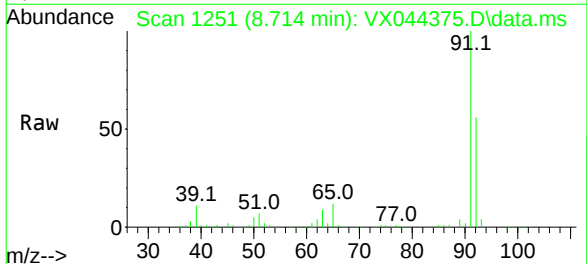
Manual Integrations
APPROVED

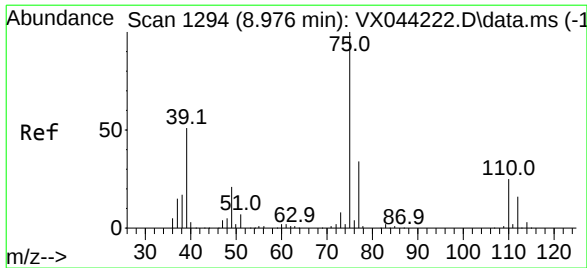
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 52.735 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

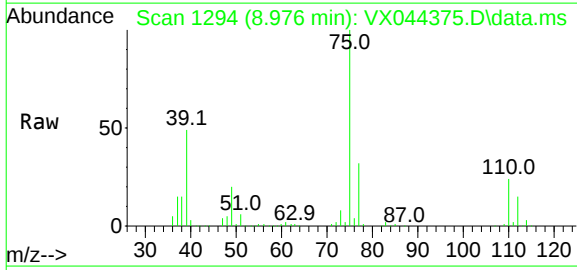
Tgt Ion: 92 Resp: 220021
Ion Ratio Lower Upper
92 100
91 172.0 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 52.027 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

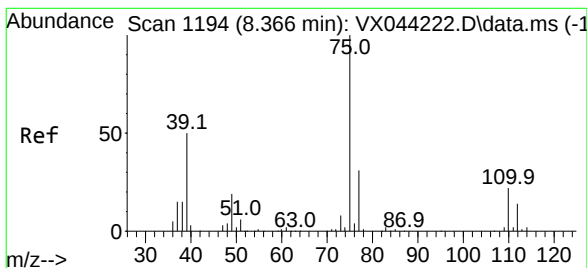
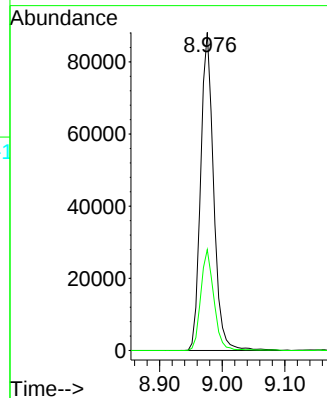
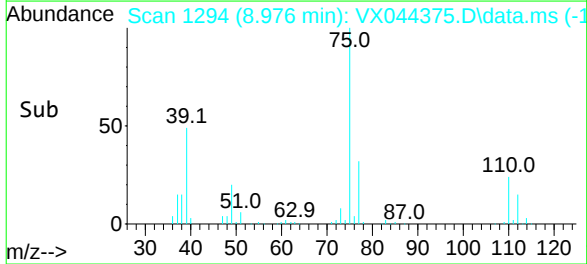
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 127372
Ion Ratio Lower Upper
75 100
77 31.7 27.2 40.8

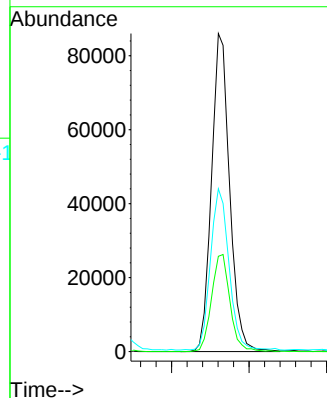
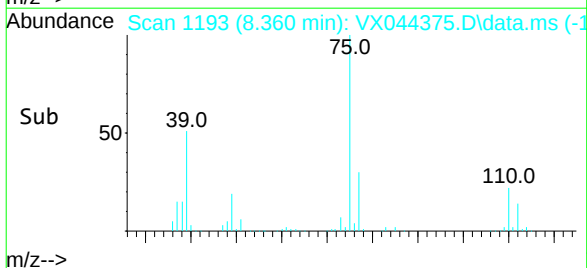
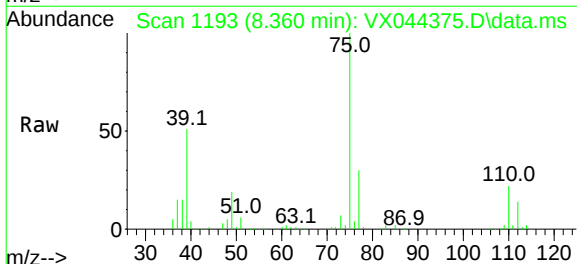
Manual Integrations
APPROVED

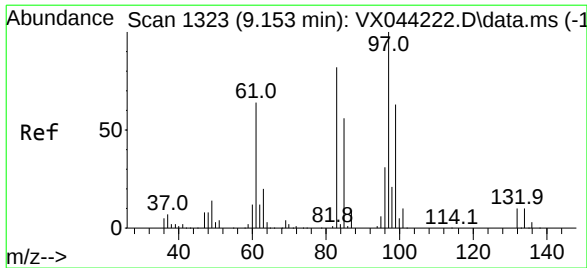
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 56.385 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

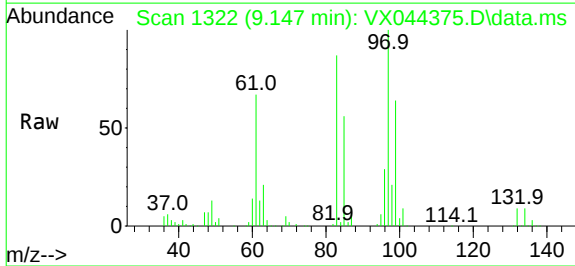
Tgt Ion: 75 Resp: 139627
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1
39 50.7 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 51.812 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

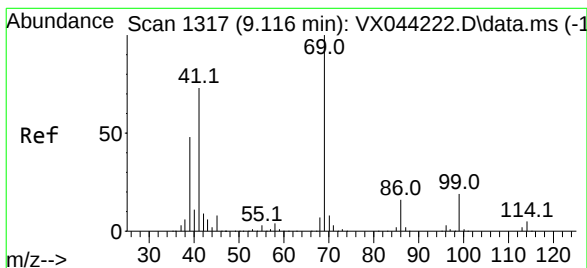
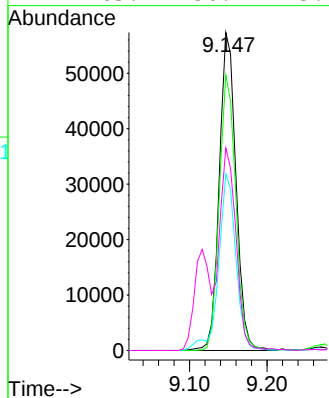
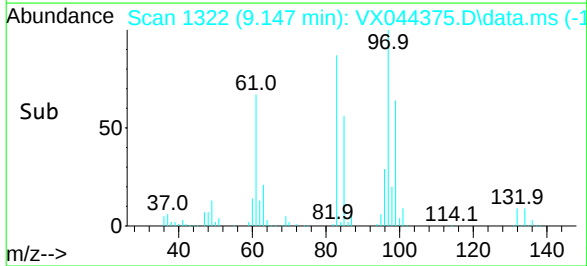
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	85878
Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.3	97.9
85	55.5	44.6	67.0
99	63.7	50.2	75.2

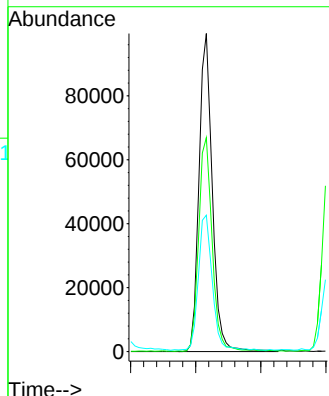
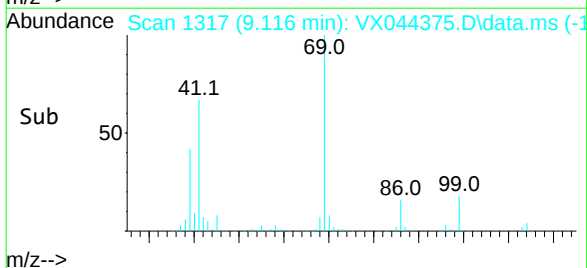
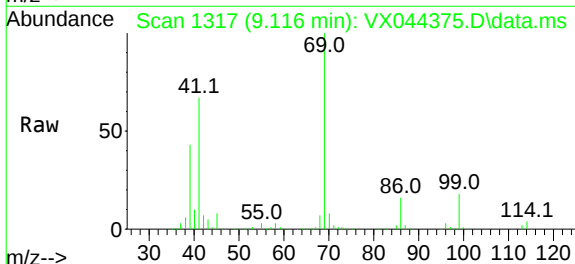
Manual Integrations
APPROVED

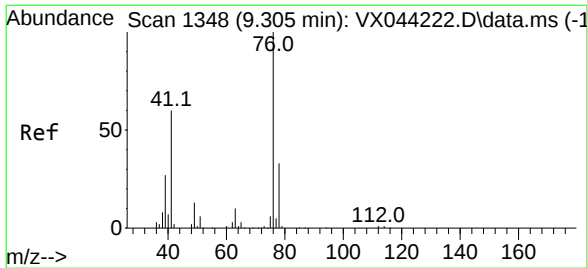
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 53.914 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

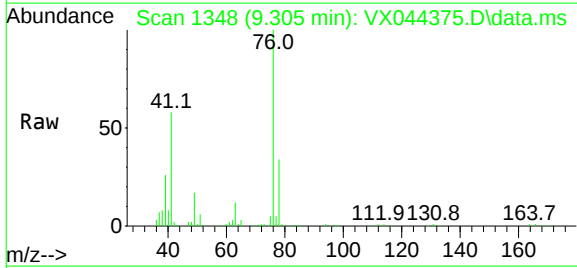
Tgt Ion:	69	Resp:	141073
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.6	85.0
39	44.6	37.4	56.0





#57
1,3-Dichloropropane
Concen: 50.832 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

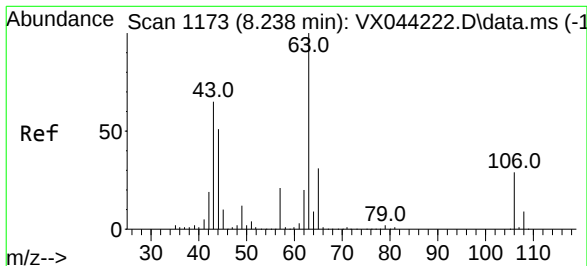
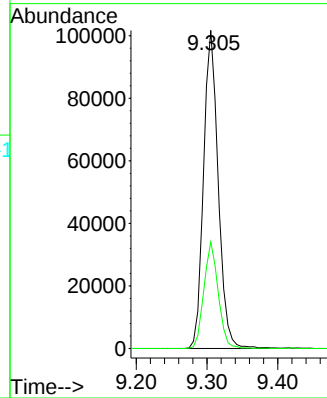
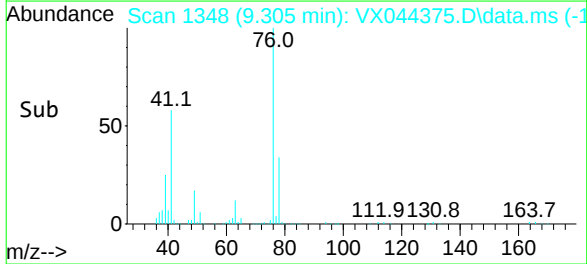
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 146651
Ion Ratio Lower Upper
76 100
78 32.6 26.5 39.7

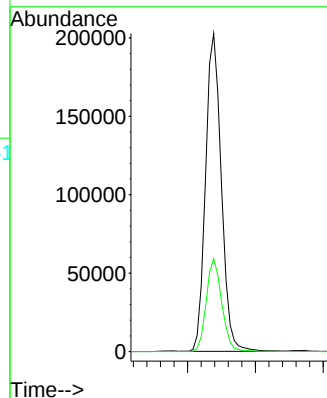
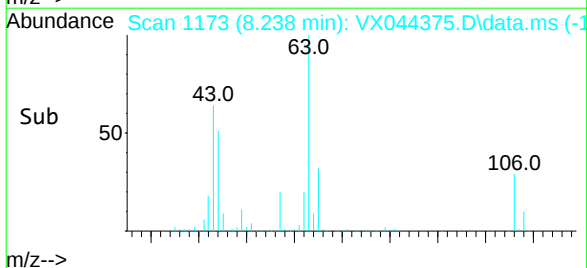
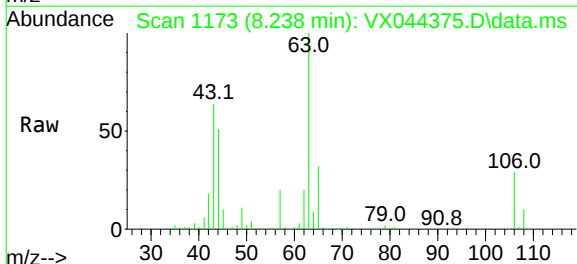
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 247.508 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 63 Resp: 326652
Ion Ratio Lower Upper
63 100
106 28.8 22.8 34.2





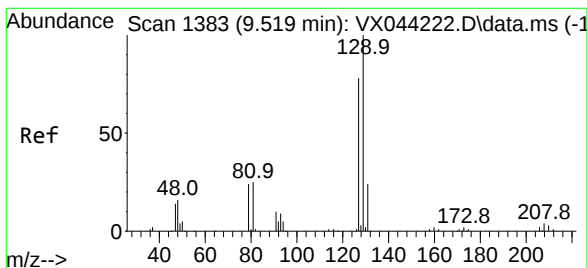
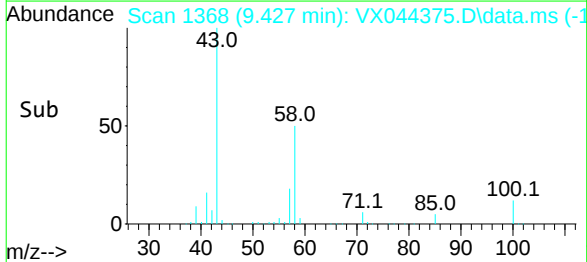
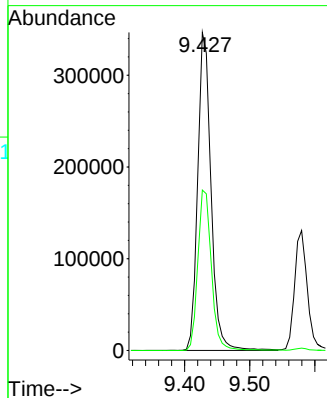
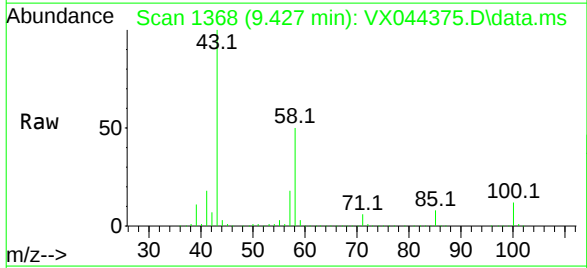
#59
2-Hexanone
Concen: 249.789 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 491495
Ion Ratio Lower Upper
43 100
58 51.8 25.7 77.0

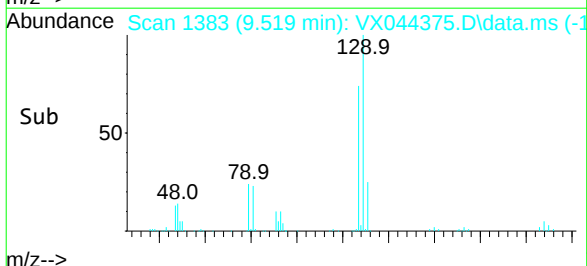
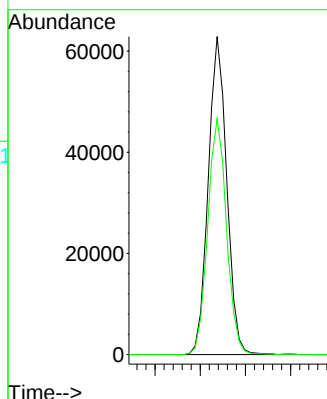
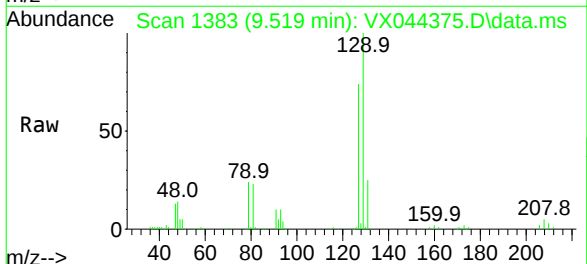
Manual Integrations
APPROVED

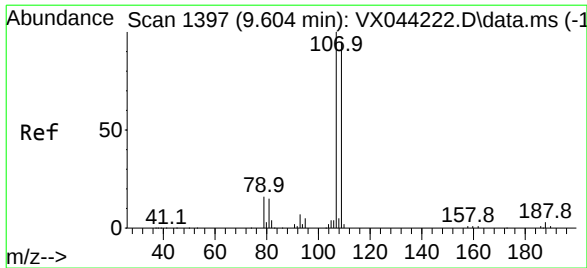
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 50.794 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion:129 Resp: 89257
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.3





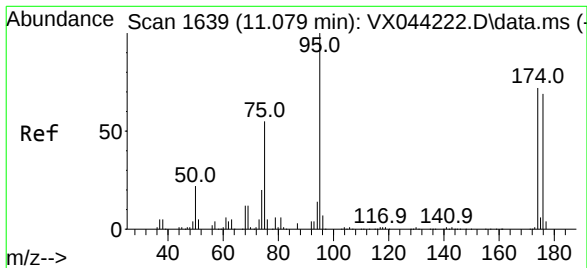
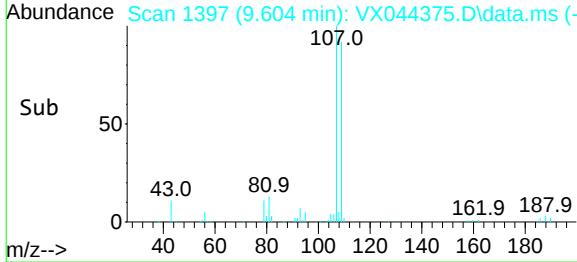
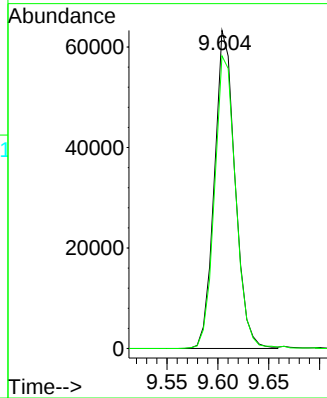
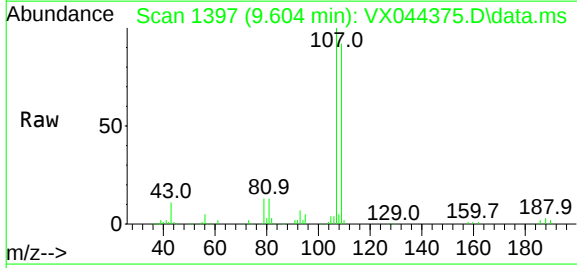
#61
1,2-Dibromoethane
Concen: 52.923 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 89289
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4

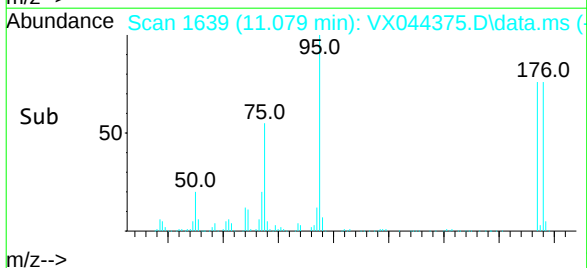
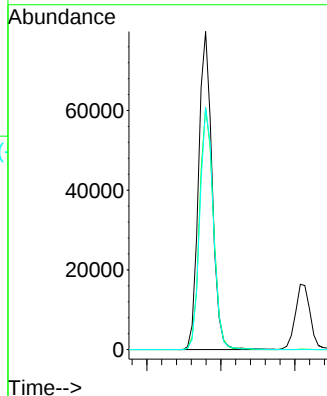
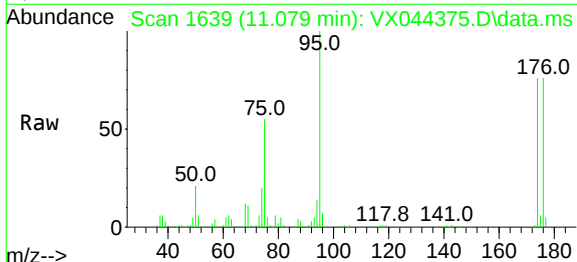
Manual Integrations
APPROVED

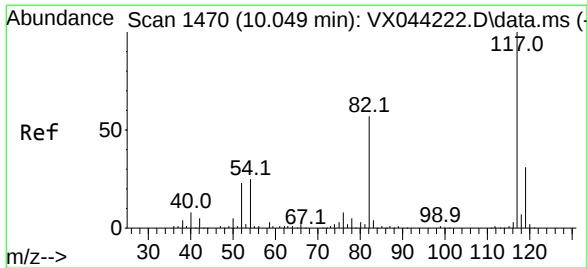
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 50.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 95 Resp: 101069
Ion Ratio Lower Upper
95 100
174 77.6 0.0 145.8
176 76.3 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

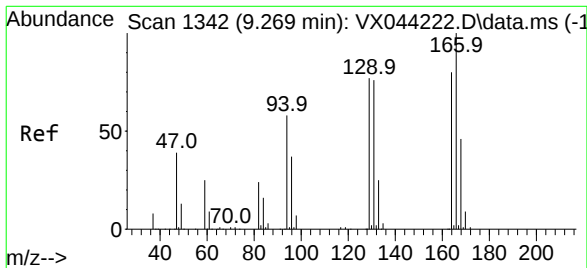
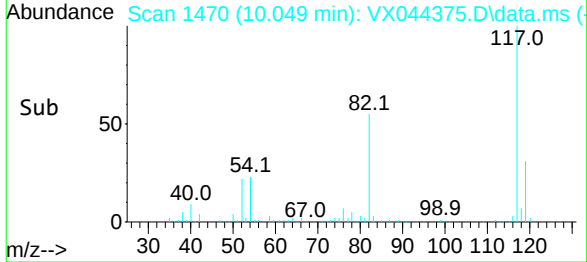
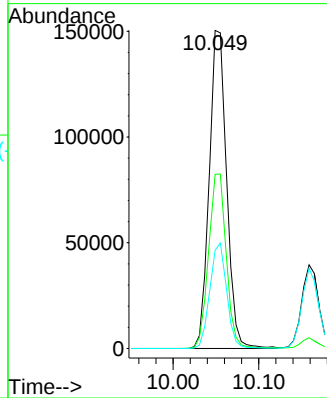
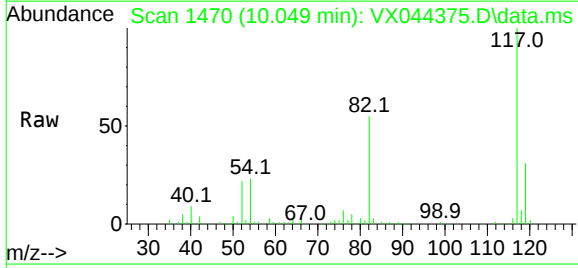
Tgt Ion:	117	Resp:	212426
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.8	68.8
119	30.9	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 54.001 ug/l

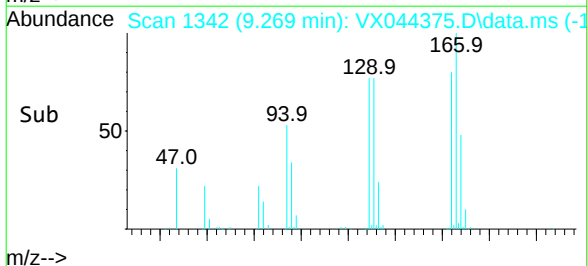
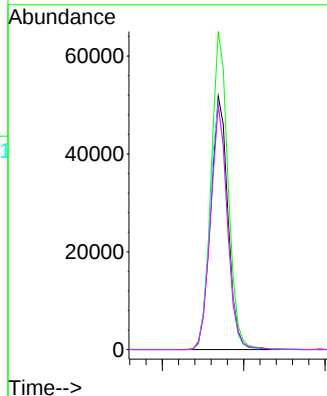
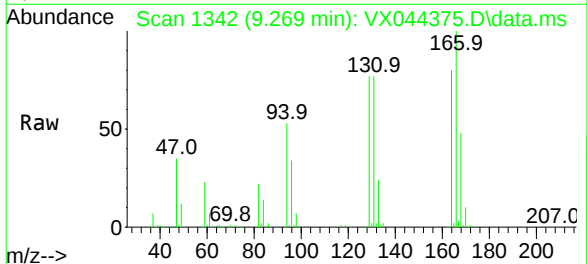
RT: 9.269 min Scan# 1342

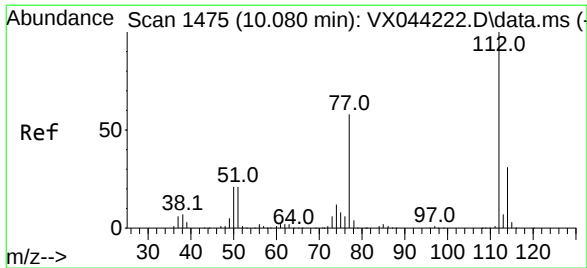
Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Tgt Ion:	164	Resp:	76137
Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	97.2	77.2	115.8
131	96.2	76.2	114.2





#65

Chlorobenzene

Concen: 51.858 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 236050

Ion Ratio Lower Upper

112 100

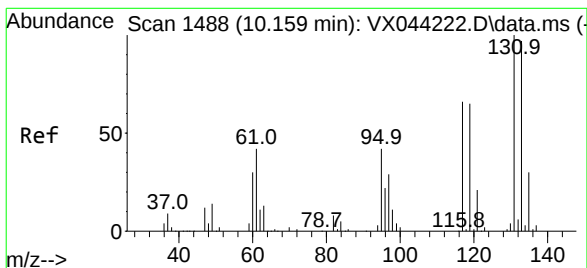
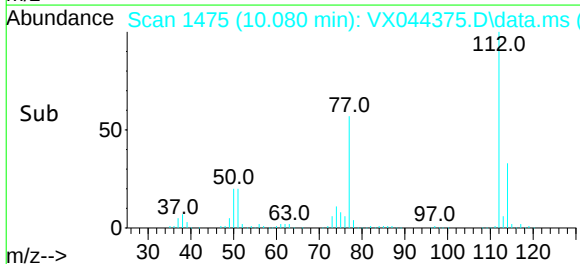
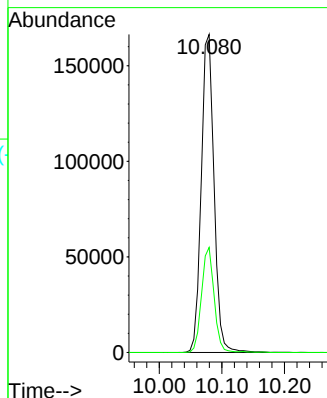
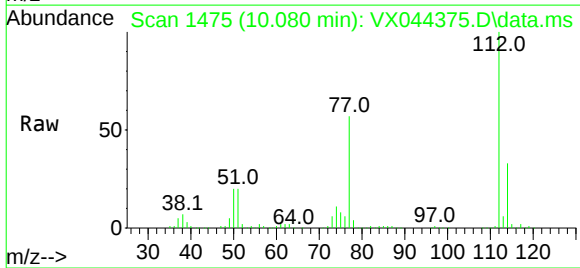
114 33.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 56.077 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

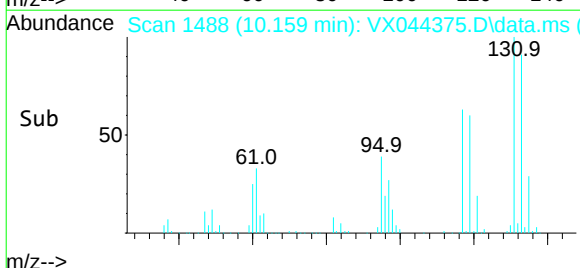
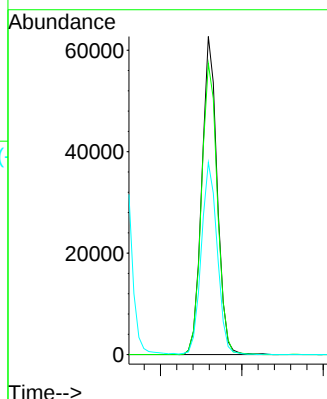
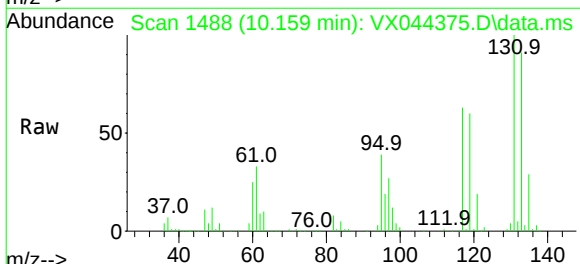
Tgt Ion:131 Resp: 82035

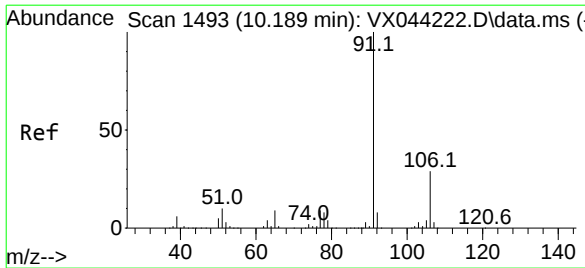
Ion Ratio Lower Upper

131 100

133 94.9 47.3 141.8

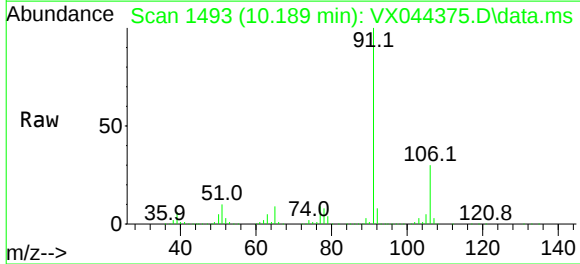
119 62.7 31.6 95.0





#67
Ethyl Benzene
Concen: 52.803 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

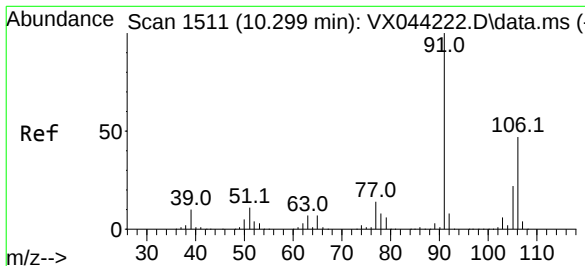
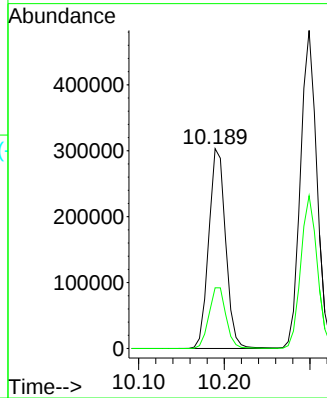
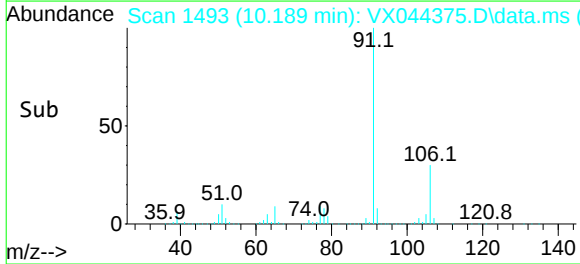
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



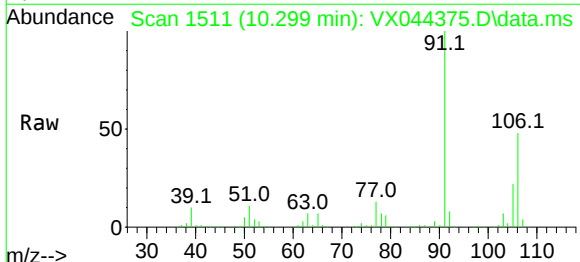
Tgt Ion: 91 Resp: 415285
Ion Ratio Lower Upper
91 100
106 30.4 23.5 35.3

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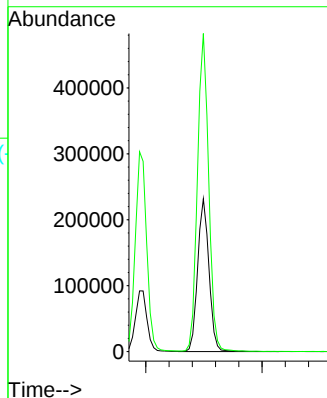
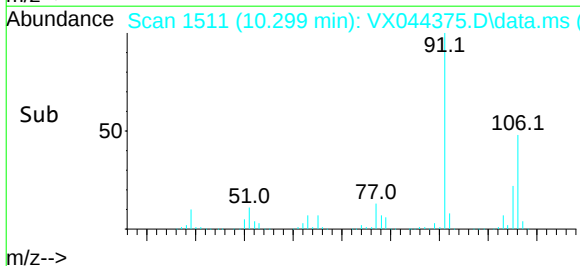
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

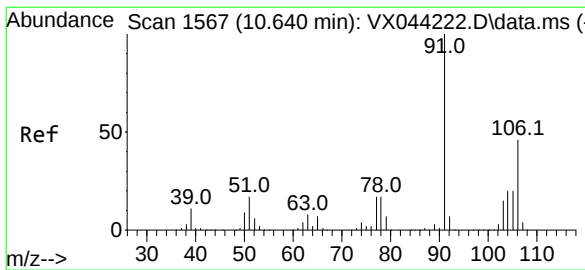


#68
m/p-Xylenes
Concen: 108.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57



Tgt Ion:106 Resp: 312989
Ion Ratio Lower Upper
106 100
91 206.3 170.2 255.2





#69

o-Xylene

Concen: 53.206 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 155361

Ion Ratio Lower Upper

106 100

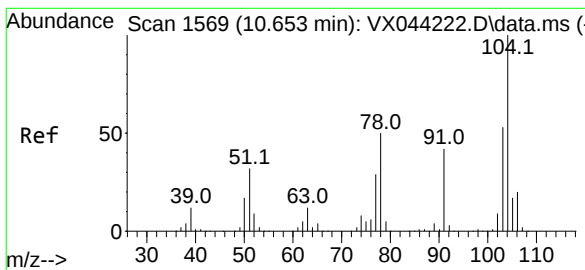
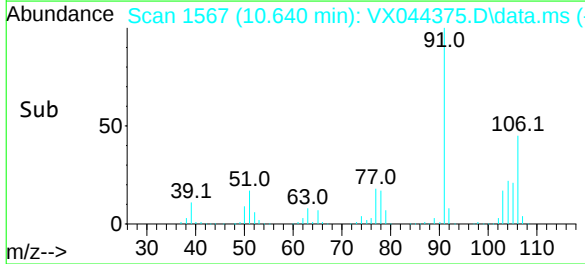
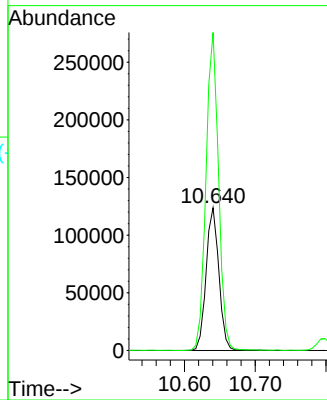
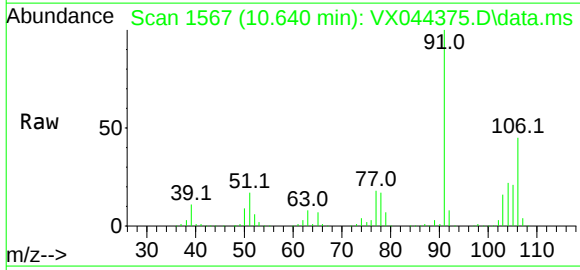
91 219.5 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Styrene

Concen: 54.912 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

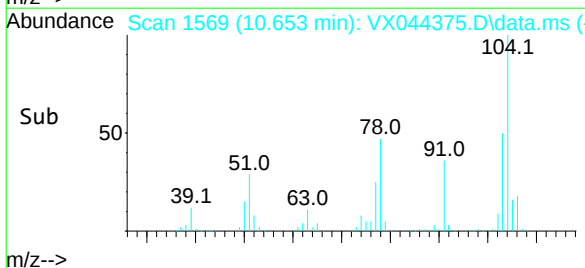
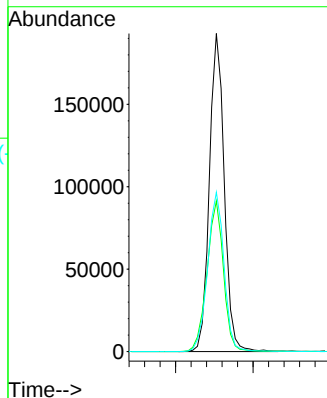
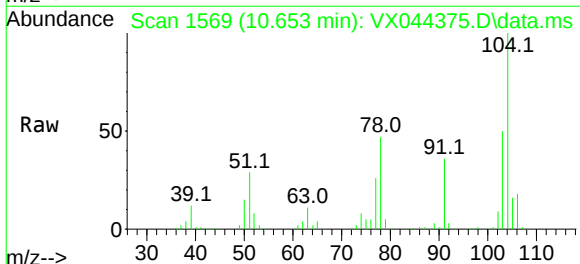
Tgt Ion:104 Resp: 257040

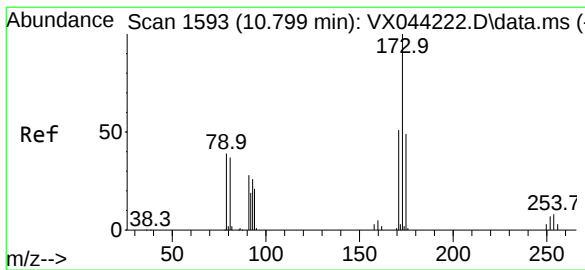
Ion Ratio Lower Upper

104 100

78 52.7 44.6 67.0

103 55.4 45.4 68.0





#71

Bromoform

Concen: 53.638 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

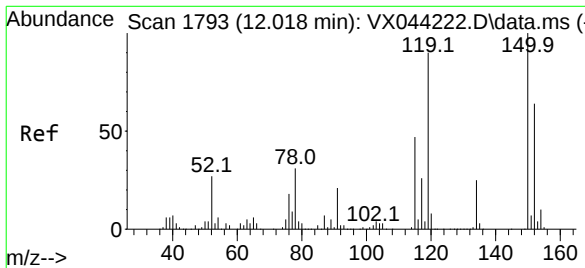
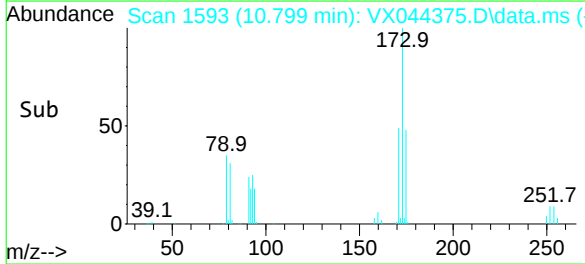
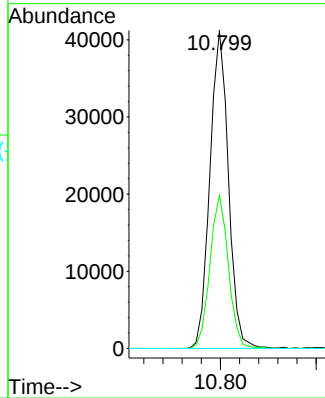
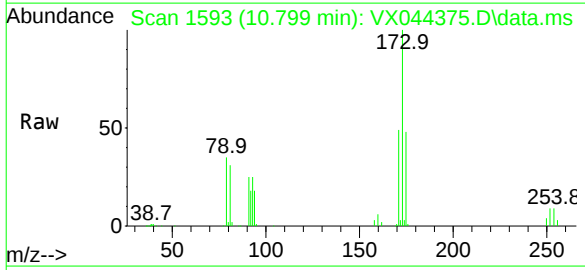
Tgt Ion:	173	Resp:	55350
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.8	71.4
254	0.0	0.0	0.0

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

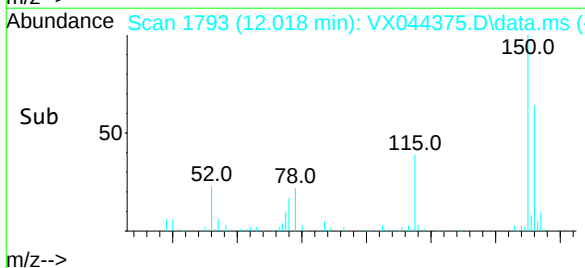
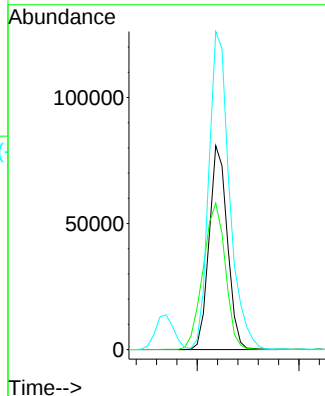
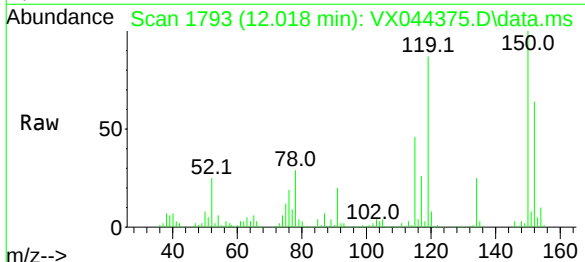
RT: 12.018 min Scan# 1793

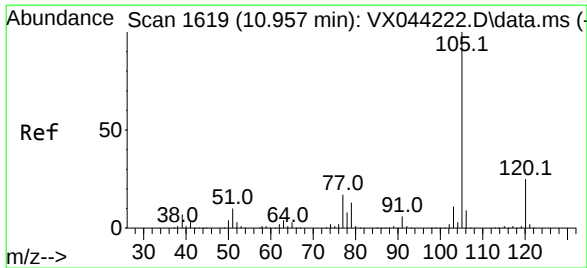
Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Tgt Ion:	152	Resp:	100489
Ion Ratio	Lower	Upper	
152	100		
115	88.0	44.5	133.3
150	176.7	0.0	353.8





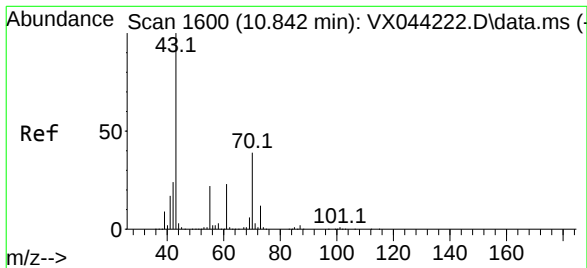
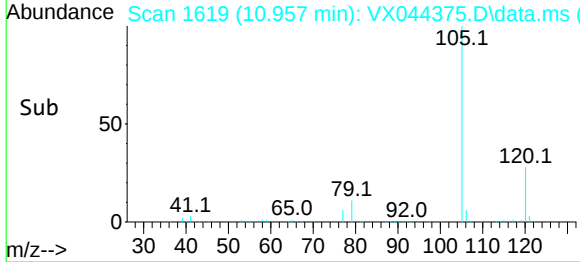
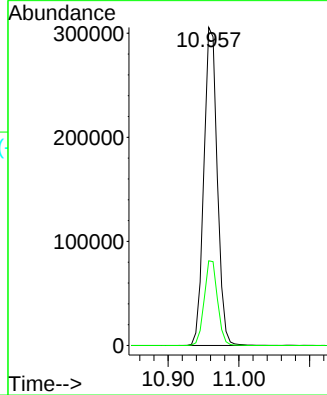
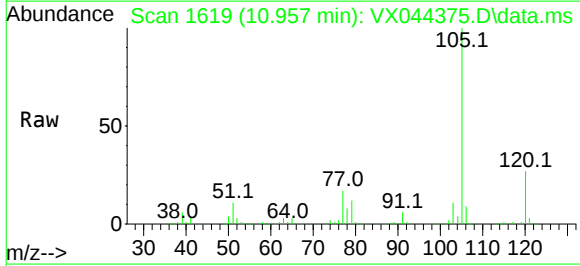
#73
Isopropylbenzene
Concen: 52.392 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 403042
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

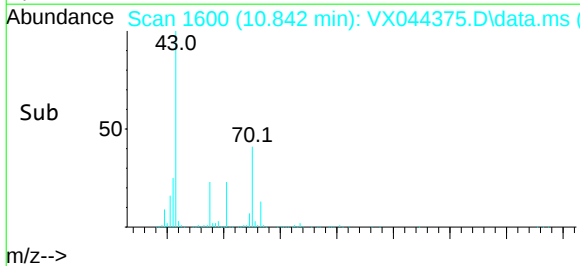
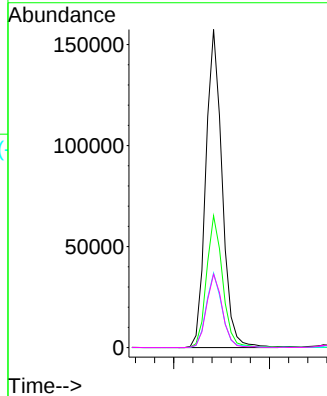
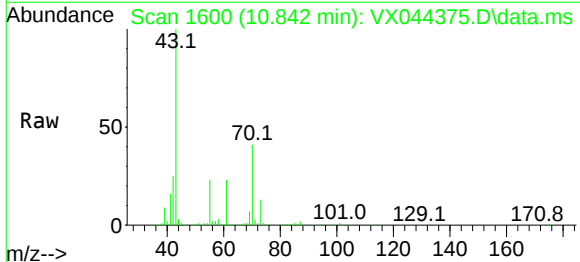
Manual Integrations
APPROVED

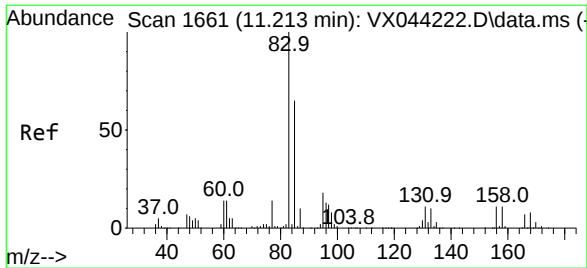
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#74
N-ethyl acetate
Concen: 52.376 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 43 Resp: 186211
Ion Ratio Lower Upper
43 100
70 41.1 31.9 47.9
55 23.0 17.9 26.9
61 22.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.651 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

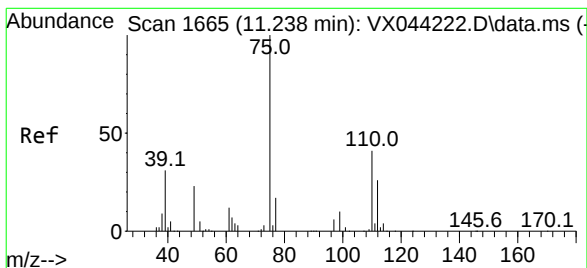
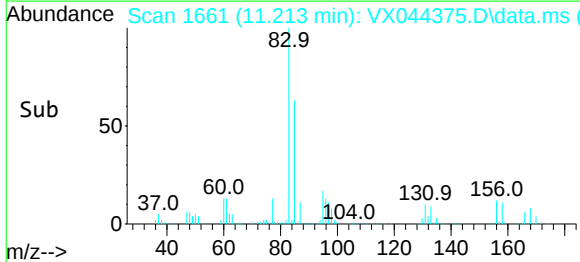
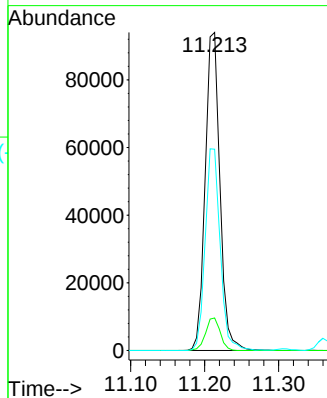
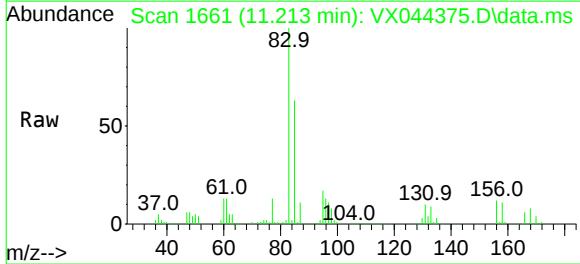
Tgt Ion:	83	Resp:	129995
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.6	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 48.566 ug/l m

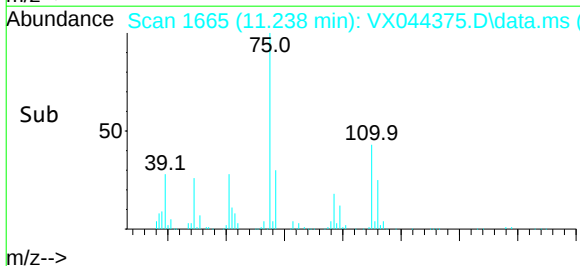
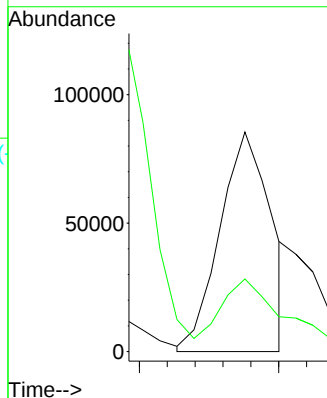
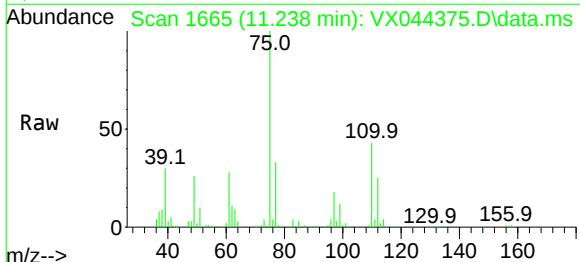
RT: 11.238 min Scan# 1665

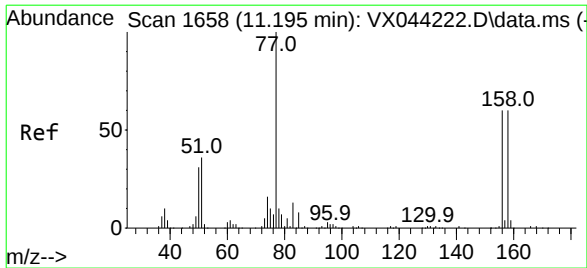
Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Tgt Ion:	75	Resp:	108966
Ion	Ratio	Lower	Upper
75	100		
77	42.5	20.9	62.7





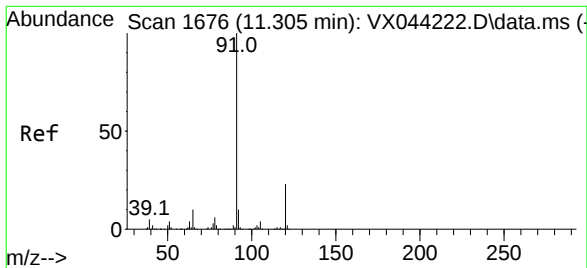
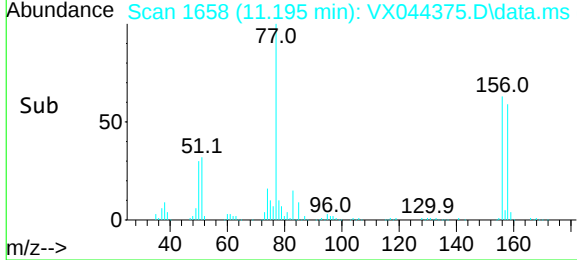
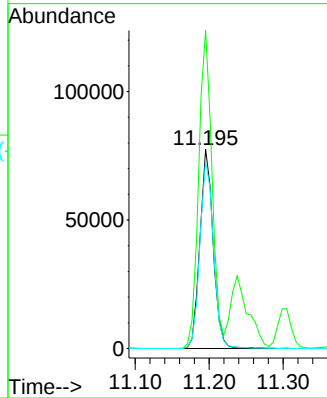
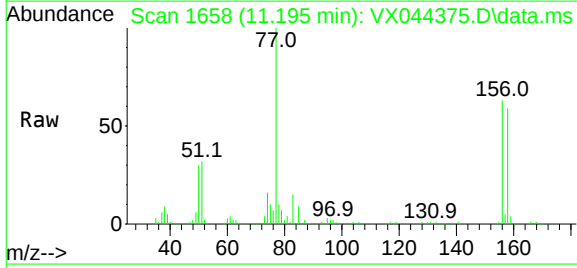
#77
Bromobenzene
Concen: 51.705 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 96454
Ion Ratio Lower Upper
156 100
77 161.1 82.6 247.8
158 97.0 48.8 146.4

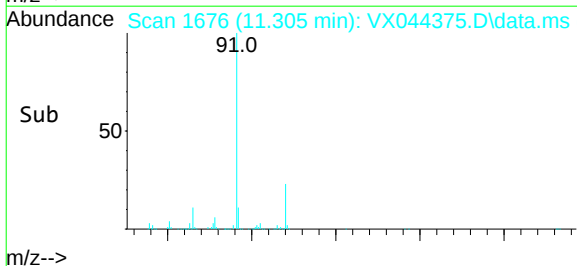
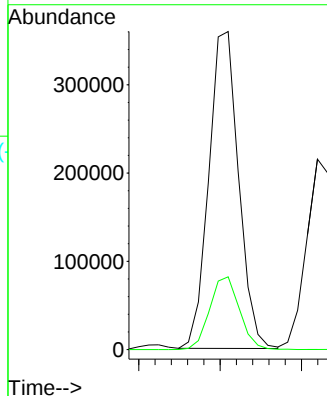
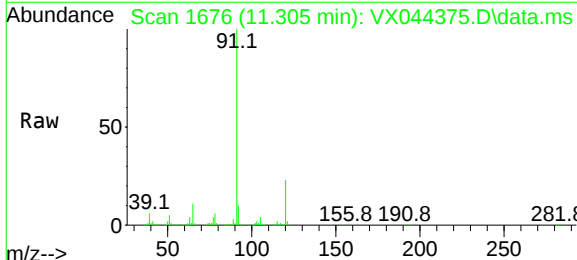
Manual Integrations
APPROVED

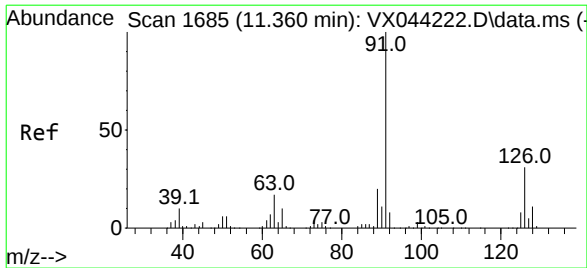
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 53.816 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 91 Resp: 457577
Ion Ratio Lower Upper
91 100
120 23.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.803 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 273862

Ion Ratio Lower Upper

91 100

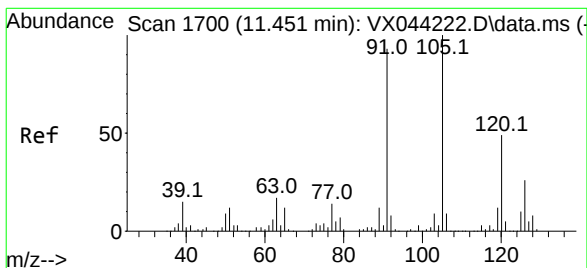
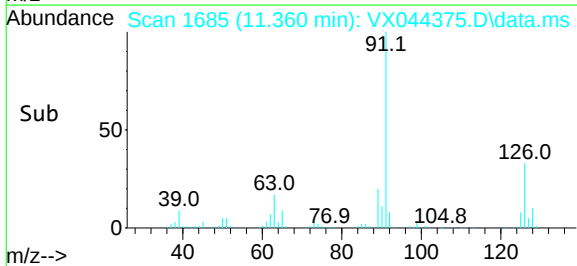
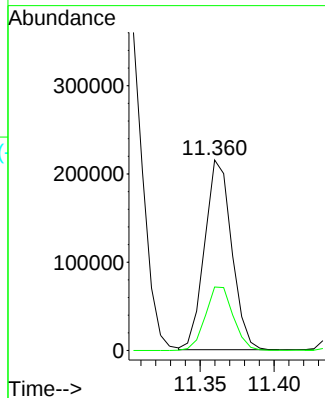
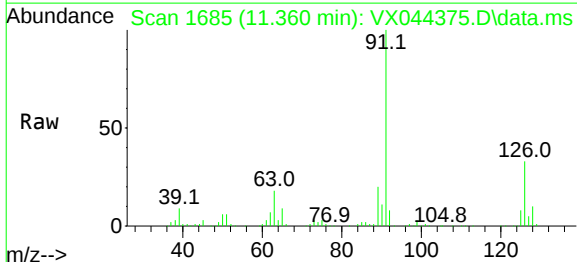
126 34.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.518 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044375.D

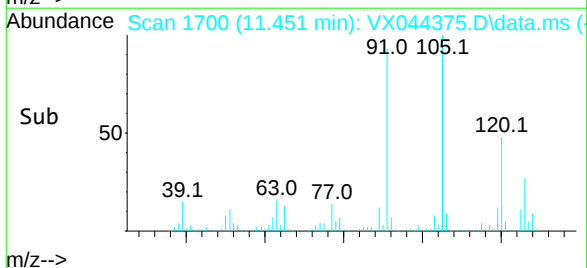
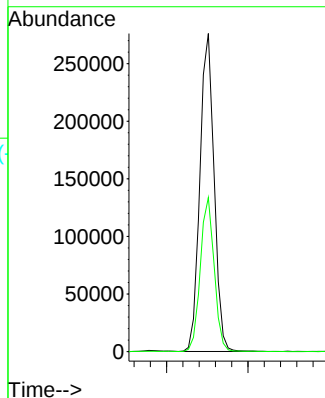
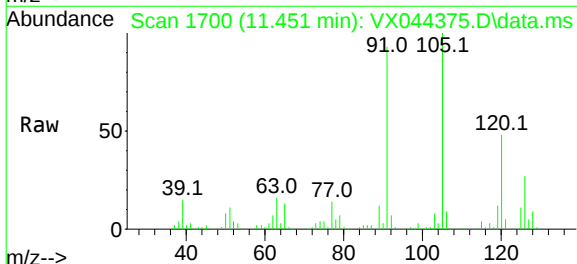
Acq: 18 Dec 2024 11:57

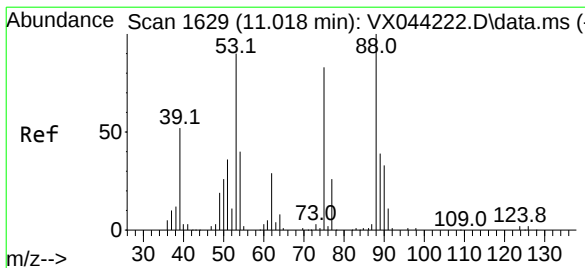
Tgt Ion:105 Resp: 335043

Ion Ratio Lower Upper

105 100

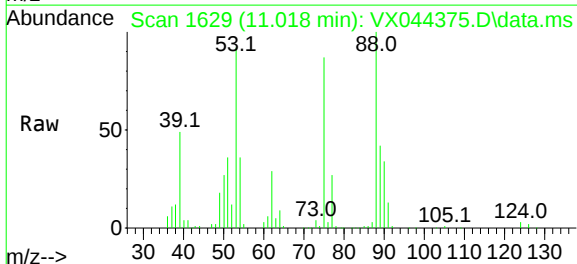
120 47.3 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.684 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

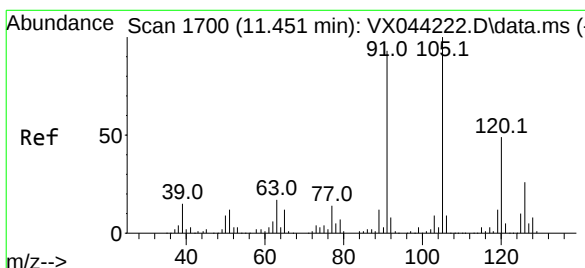
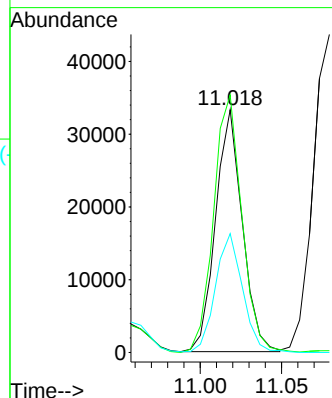
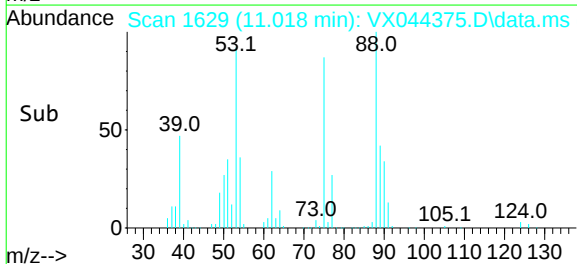
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 37990
Ion Ratio Lower Upper
75 100
53 112.3 93.6 140.4
89 49.9 37.3 55.9

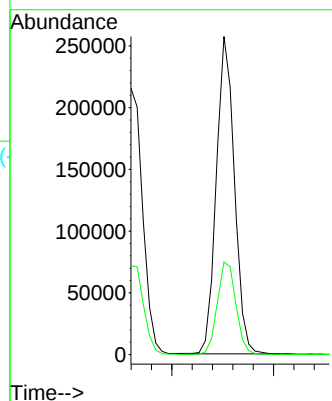
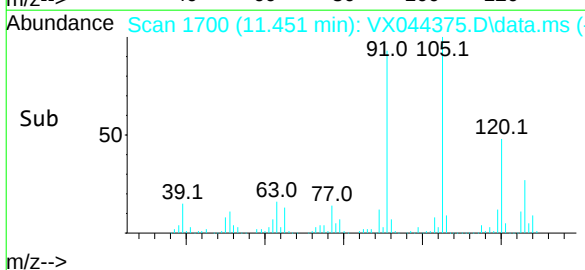
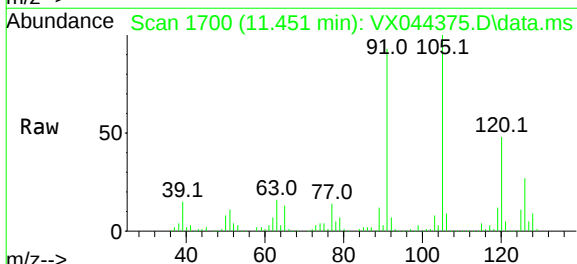
Manual Integrations
APPROVED

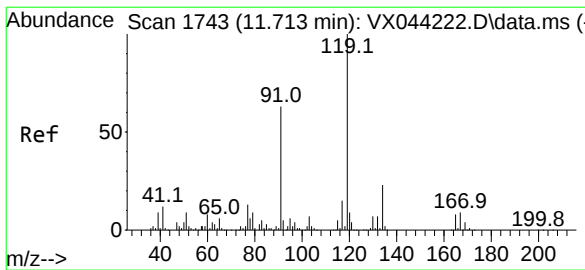
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 52.192 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 91 Resp: 317807
Ion Ratio Lower Upper
91 100
126 29.9 14.5 43.5





#83

tert-Butylbenzene

Concen: 52.885 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

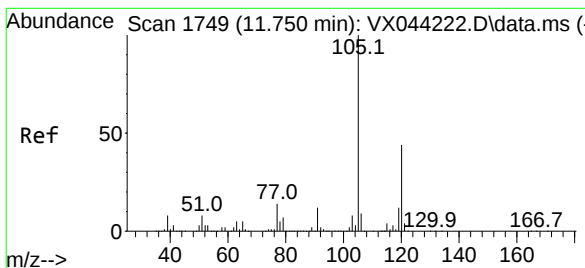
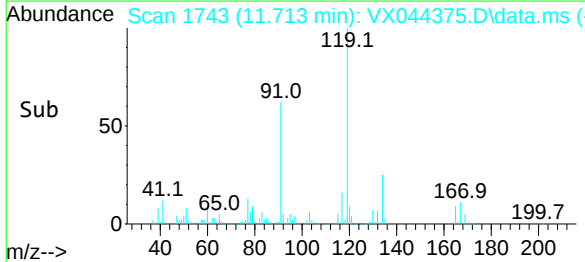
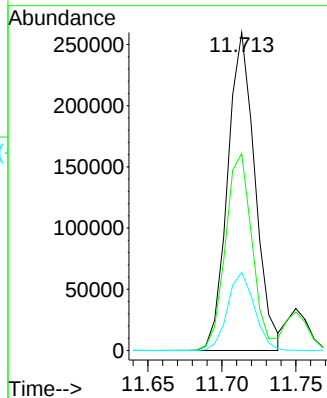
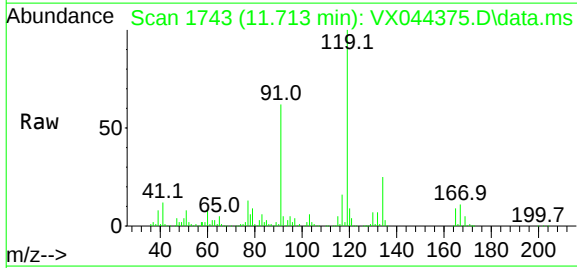
Tgt Ion:	119	Resp:	333427
Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.9	92.5
134	24.0	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.815 ug/l

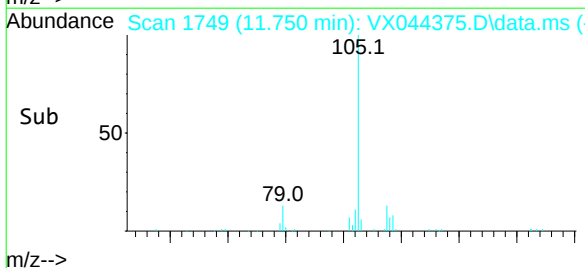
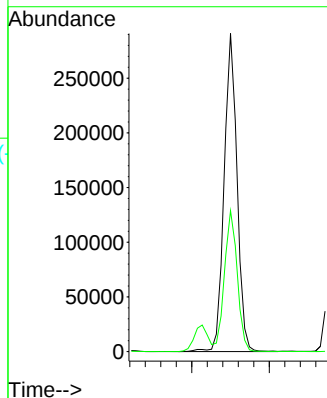
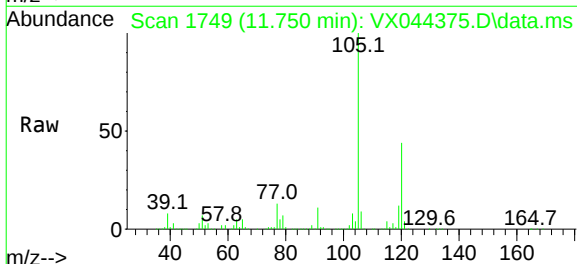
RT: 11.750 min Scan# 1749

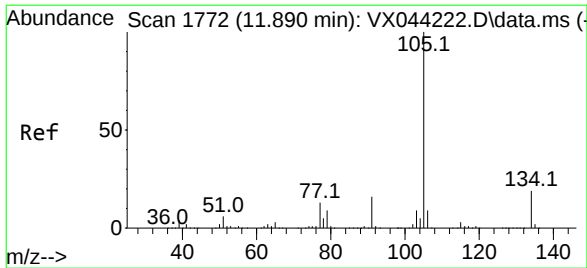
Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Tgt Ion:	105	Resp:	337162
Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.7	65.1





#85

sec-Butylbenzene

Concen: 53.991 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 413244

Ion Ratio Lower Upper

105 100

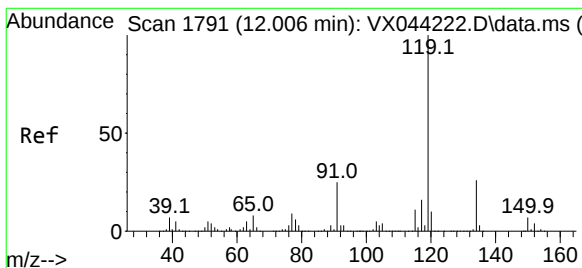
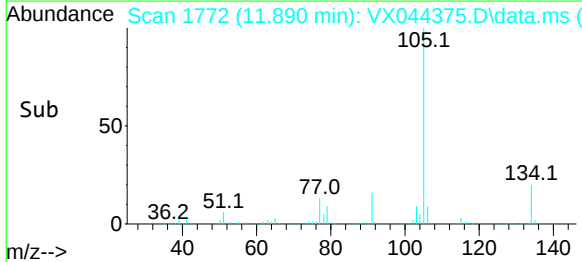
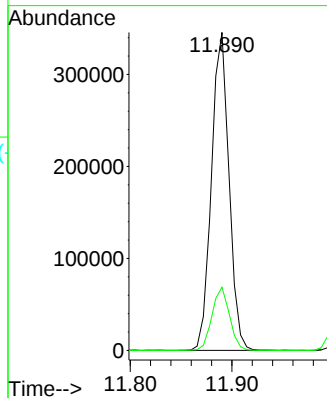
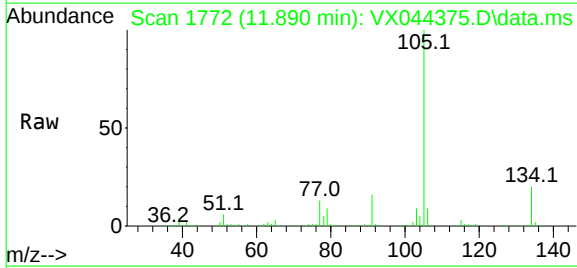
134 20.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#86

p-Isopropyltoluene

Concen: 54.238 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

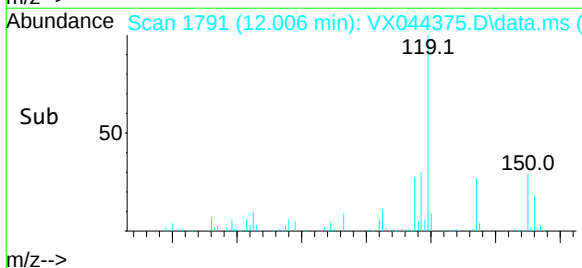
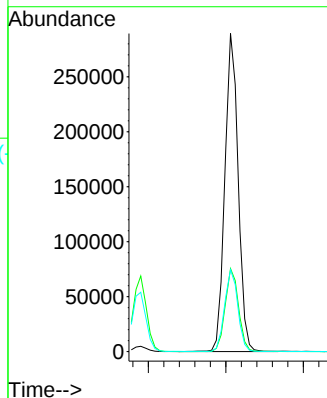
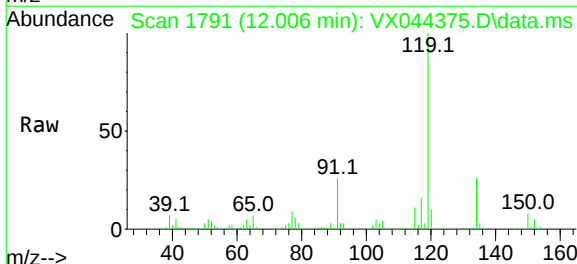
Tgt Ion:119 Resp: 345517

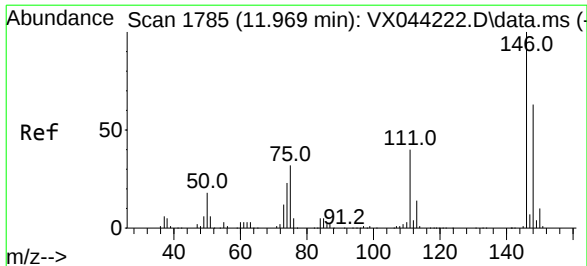
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.4

91 25.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 54.193 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

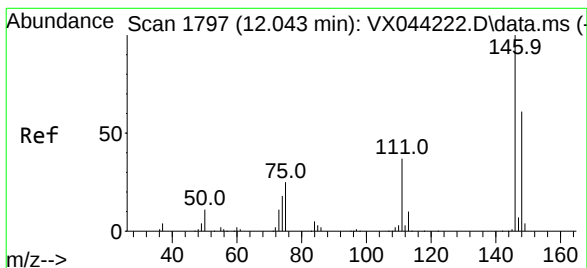
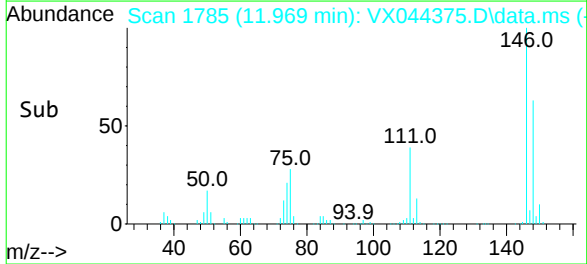
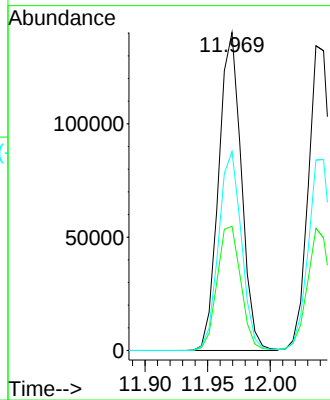
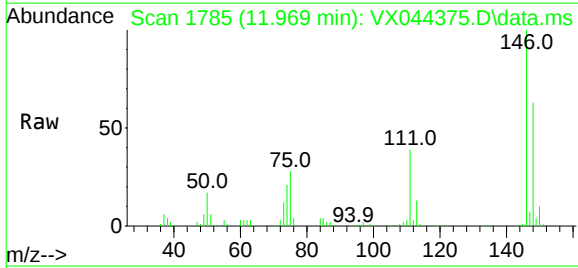
Tgt Ion:	146	Resp:	176589
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.4	64.2
148	63.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 52.033 ug/l

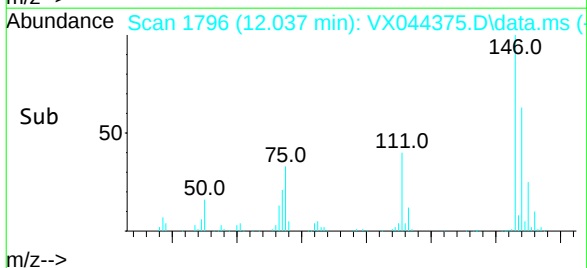
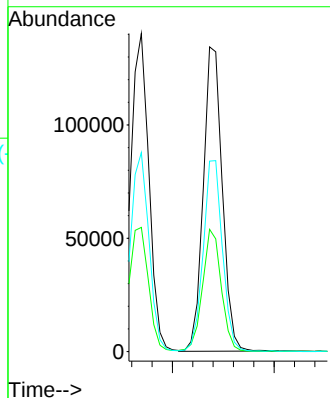
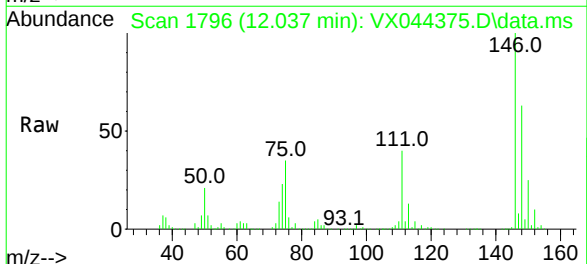
RT: 12.037 min Scan# 1796

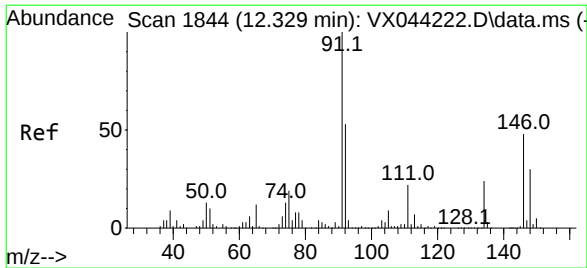
Delta R.T. -0.006 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

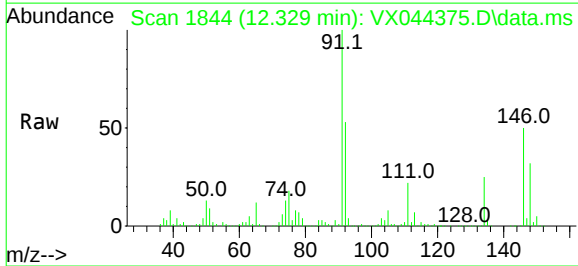
Tgt Ion:	146	Resp:	174295
Ion Ratio	Lower	Upper	
146	100		
111	39.8	21.0	63.0
148	63.6	32.3	96.8





#89
n-Butylbenzene
Concen: 57.821 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

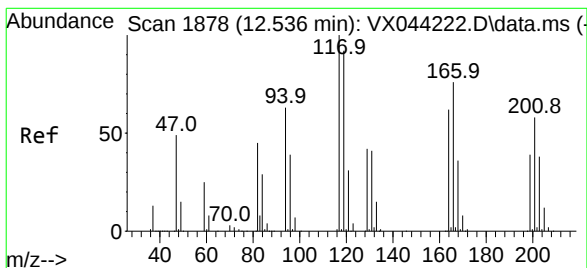
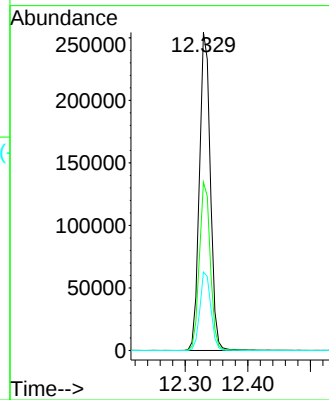
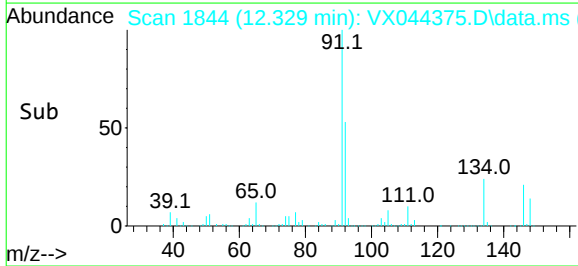
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 309732
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 24.7 12.6 37.8

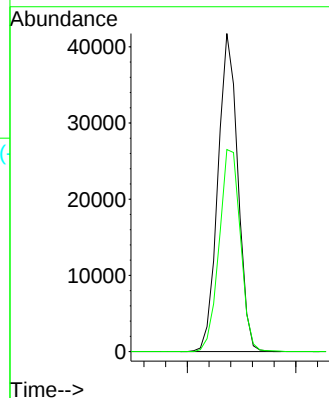
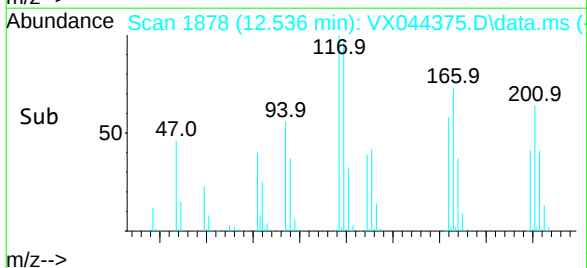
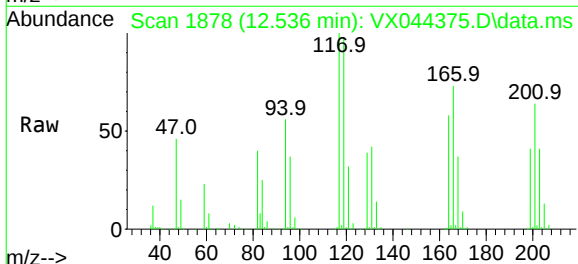
Manual Integrations
APPROVED

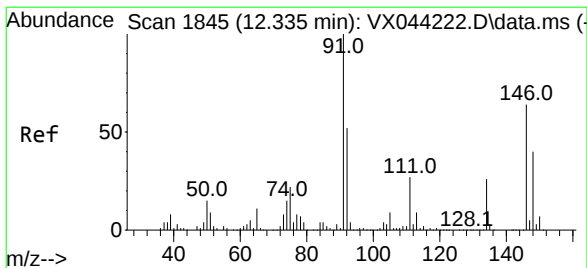
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 57.234 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

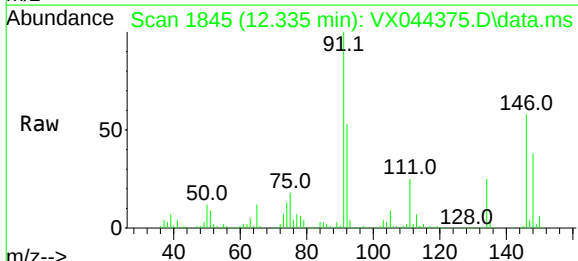
Tgt Ion:117 Resp: 53223
Ion Ratio Lower Upper
117 100
201 67.9 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 51.794 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

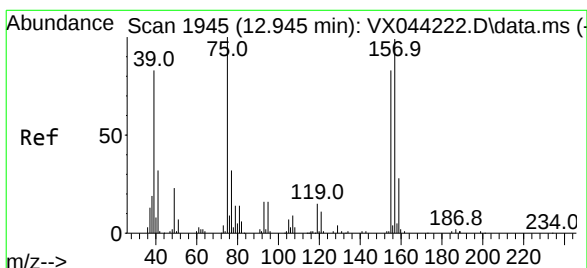
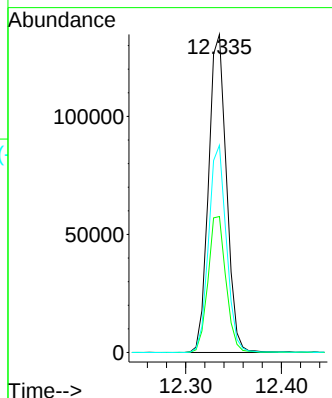
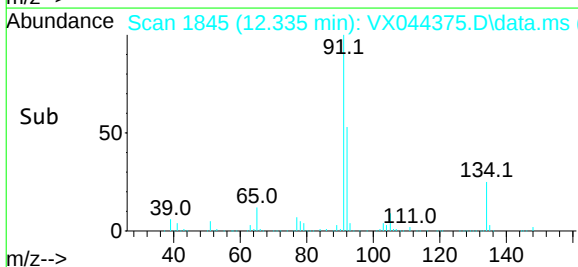
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 175242
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 64.6 31.6 95.0

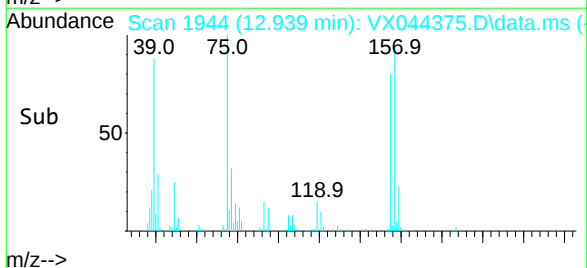
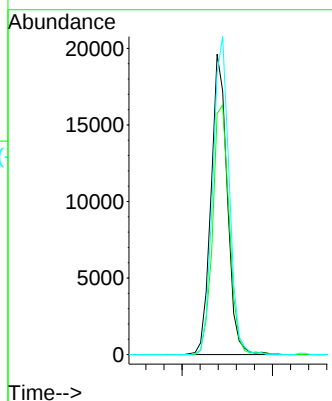
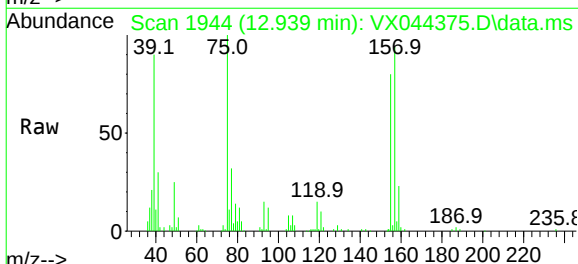
Manual Integrations
APPROVED

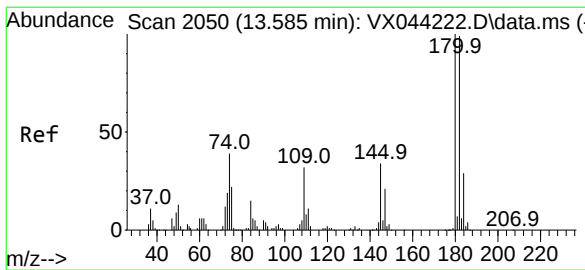
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.259 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 75 Resp: 24513
Ion Ratio Lower Upper
75 100
155 85.1 38.1 114.3
157 106.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 58.218 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

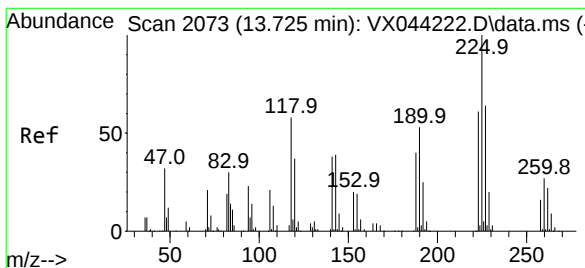
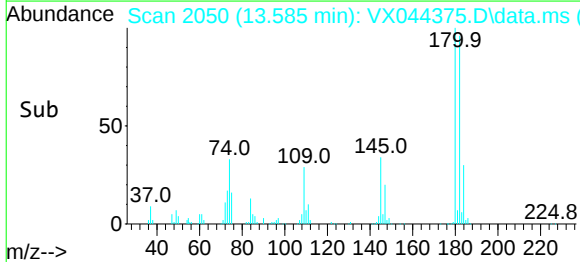
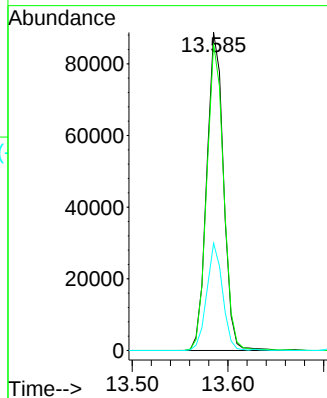
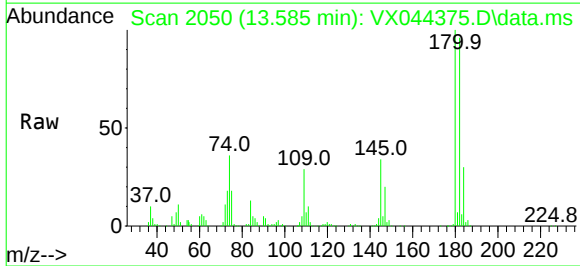
Tgt Ion:	180	Resp:	107991
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.0	144.2
145	31.8	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 60.019 ug/l

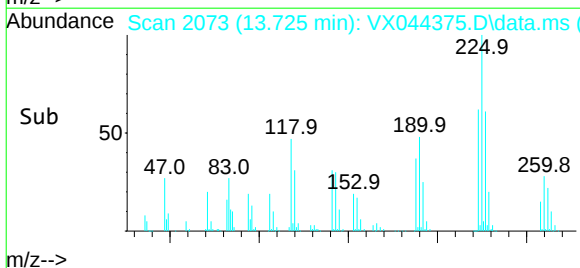
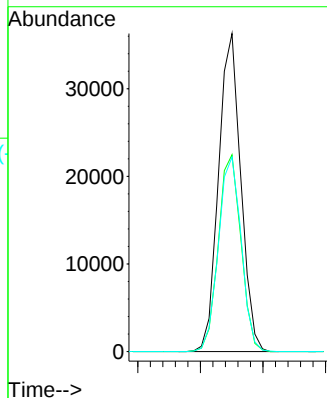
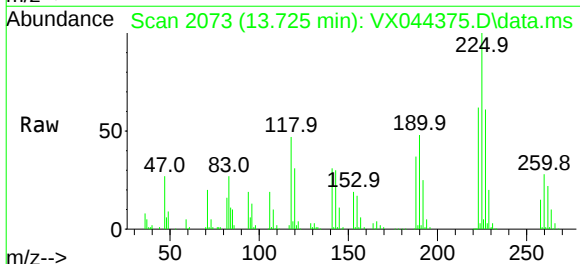
RT: 13.725 min Scan# 2073

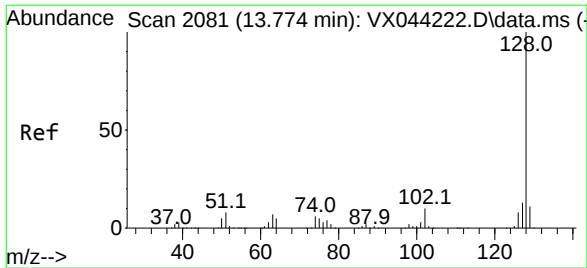
Delta R.T. 0.000 min

Lab File: VX044375.D

Acq: 18 Dec 2024 11:57

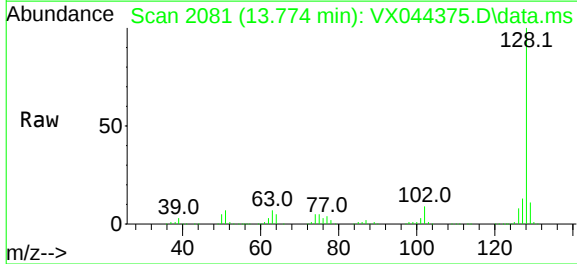
Tgt Ion:	225	Resp:	44782
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.8	92.4
227	62.5	32.1	96.3





#95
Naphthalene
Concen: 52.848 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57

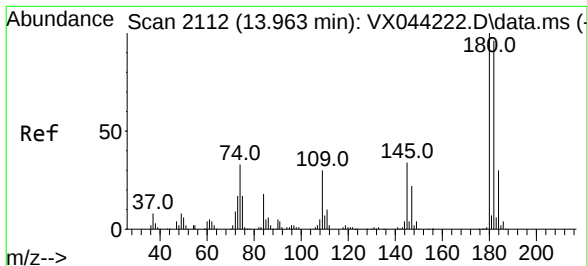
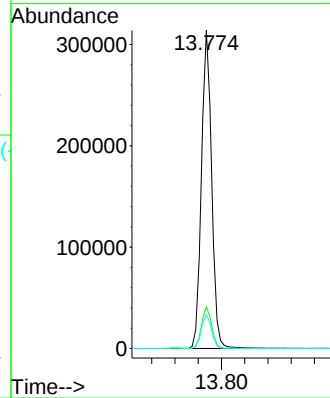
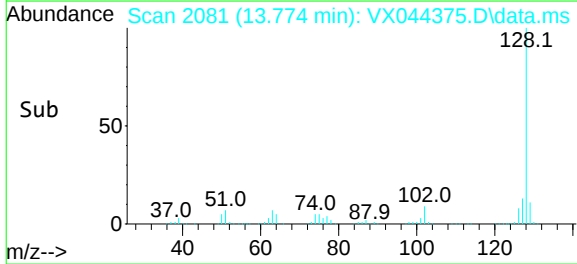
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



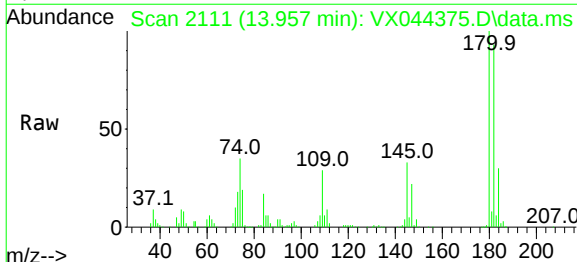
Tgt Ion:128 Resp: 382648
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 9.0 13.4

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 56.523 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044375.D
Acq: 18 Dec 2024 11:57



Tgt Ion:180 Resp: 111207
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 33.2 17.7 53.1

