

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044224.D
 Acq On : 11 Dec 2024 13:00
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 12 04:16:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90898	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	314272	151.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 303.920%#	
35) Dibromofluoromethane	5.385	113	231937	153.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 306.380%#	
50) Toluene-d8	8.647	98	788876	154.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 308.880%#	
62) 4-Bromofluorobenzene	11.079	95	279706	156.709	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 313.420%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	268739	147.342	ug/l	98
3) Chloromethane	1.294	50	261734	150.062	ug/l	97
4) Vinyl Chloride	1.374	62	260651	143.446	ug/l	97
5) Bromomethane	1.593	94	194089	150.562	ug/l	100
6) Chloroethane	1.660	64	150640	133.137	ug/l	98
7) Trichlorofluoromethane	1.861	101	500315	140.645	ug/l	99
8) Diethyl Ether	2.136	74	183845	151.407	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	219513	152.497	ug/l	99
10) Methyl Iodide	2.441	142	284184	149.795	ug/l	99
11) Tert butyl alcohol	3.014	59	266830	916.880	ug/l	98
12) 1,1-Dichloroethene	2.306	96	211016	159.600	ug/l	96
13) Acrolein	2.239	56	341487	809.350	ug/l	100
14) Allyl chloride	2.654	41	346773	157.465	ug/l	99
15) Acrylonitrile	3.068	53	649783	804.774	ug/l	99
16) Acetone	2.392	43	658120	780.537	ug/l	98
17) Carbon Disulfide	2.495	76	481926	191.754	ug/l	99
18) Methyl Acetate	2.709	43	336516	154.792	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	806360	156.286	ug/l	98
20) Methylene Chloride	2.782	84	236412	149.282	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	221622	157.719	ug/l	99
22) Diisopropyl ether	3.763	45	751292	151.500	ug/l	98
23) Vinyl Acetate	3.727	43	3464902	859.417	ug/l	99
24) 1,1-Dichloroethane	3.605	63	431006	155.921	ug/l	100
25) 2-Butanone	4.568	43	957709	798.973	ug/l	99
26) 2,2-Dichloropropane	4.465	77	367781	163.773	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	269708	151.131	ug/l	99
28) Bromochloromethane	4.897	49	200978	148.269	ug/l	100
29) Tetrahydrofuran	5.013	42	602095	782.561	ug/l	99
30) Chloroform	5.092	83	463606	149.274	ug/l	99
31) Cyclohexane	5.458	56	332026	148.745	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	415253	161.073	ug/l	99
36) 1,1-Dichloropropene	5.684	75	290913	148.642	ug/l	99
37) Ethyl Acetate	4.721	43	376757	155.731	ug/l	99
38) Carbon Tetrachloride	5.672	117	346795	164.587	ug/l	98
39) Methylcyclohexane	7.373	83	368542	157.516	ug/l	99
40) Benzene	6.031	78	887413	149.340	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	199851	155.569	ug/l	99
42) 1,2-Dichloroethane	6.086	62	369874	151.105	ug/l	100
43) Isopropyl Acetate	6.342	43	617107	163.200	ug/l	99
44) Trichloroethene	7.123	130	224164	151.275	ug/l	100
45) 1,2-Dichloropropane	7.427	63	224224	147.697	ug/l	96
46) Dibromomethane	7.580	93	184590	156.728	ug/l	99
47) Bromodichloromethane	7.818	83	352904	173.496	ug/l	98
48) Methyl methacrylate	7.696	41	292890	159.567	ug/l	98
49) 1,4-Dioxane	7.665	88	101048m	3221.248	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	1907523	784.573	ug/l	99
52) Toluene	8.714	92	557102	149.294	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	366275	150.167	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	382226	172.581	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	222665	150.202	ug/l	98
56) Ethyl methacrylate	9.116	69	389165	166.289	ug/l	99
57) 1,3-Dichloropropane	9.305	76	387086	150.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	970949	822.575	ug/l	100
59) 2-Hexanone	9.433	43	1436300	816.161	ug/l	99
60) Dibromochloromethane	9.525	129	261253	150.105	ug/l	99
61) 1,2-Dibromoethane	9.610	107	242451	160.674	ug/l	97
64) Tetrachloroethene	9.269	164	186443	147.836	ug/l	98
65) Chlorobenzene	10.079	112	608404	149.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	218515	166.991	ug/l	100
67) Ethyl Benzene	10.195	91	1068736	151.917	ug/l	98
68) m/p-Xylenes	10.299	106	806058	312.254	ug/l	98
69) o-Xylene	10.640	106	397084	152.030	ug/l	98
70) Styrene	10.652	104	670887	160.228	ug/l	98
71) Bromoform	10.799	173	169450	150.034	ug/l #	99
73) Isopropylbenzene	10.963	105	1021749	146.832	ug/l	99
74) N-amyl acetate	10.841	43	536496	166.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	352591	145.883	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	287602m	139.434	ug/l	
77) Bromobenzene	11.201	156	243975	144.584	ug/l	100
78) n-propylbenzene	11.305	91	1166255	151.637	ug/l	98
79) 2-Chlorotoluene	11.366	91	700673	140.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	853042	147.824	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	117263	152.670	ug/l	93
82) 4-Chlorotoluene	11.451	91	825278	149.831	ug/l	99
83) tert-Butylbenzene	11.713	119	846864	148.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	846771	149.414	ug/l	100
85) sec-Butylbenzene	11.890	105	1034419	149.409	ug/l	99
86) p-Isopropyltoluene	12.006	119	875562	151.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	443826	150.575	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	442556	146.058	ug/l	99
89) n-Butylbenzene	12.329	91	808399	166.836	ug/l	100
90) Hexachloroethane	12.536	117	154726	183.942	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	447931	146.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	83565	178.106	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	288519	171.952	ug/l	98
94) Hexachlorobutadiene	13.725	225	103961	154.036	ug/l	98
95) Naphthalene	13.774	128	1094997	167.187	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	293760	165.064	ug/l	99

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MSVOA_X
ClientSampleId :
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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

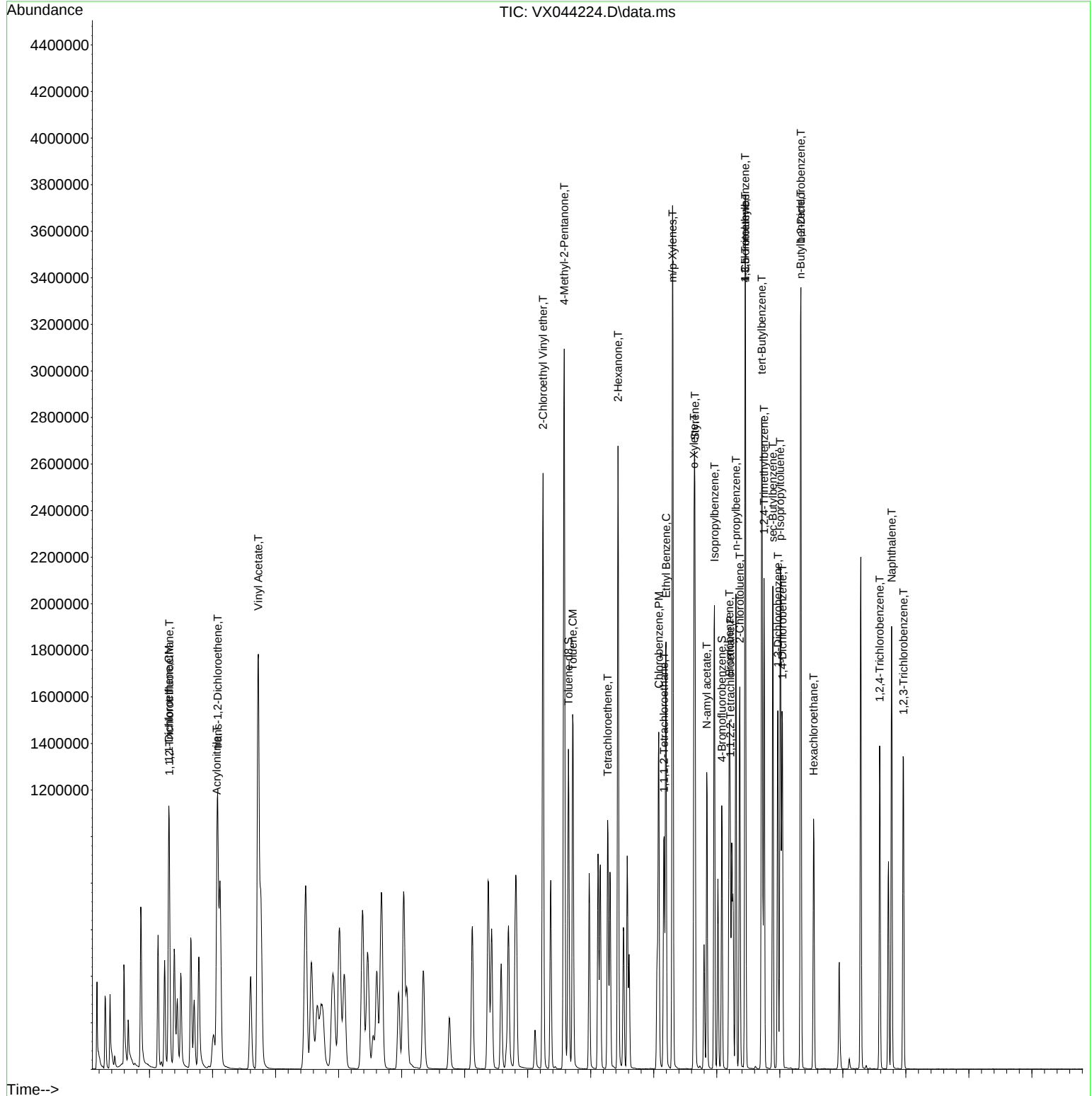
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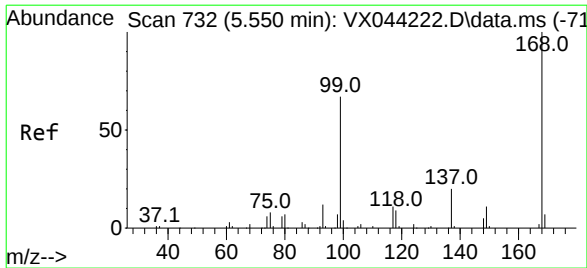
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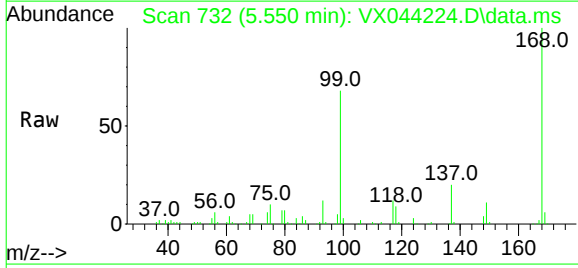
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044224.D
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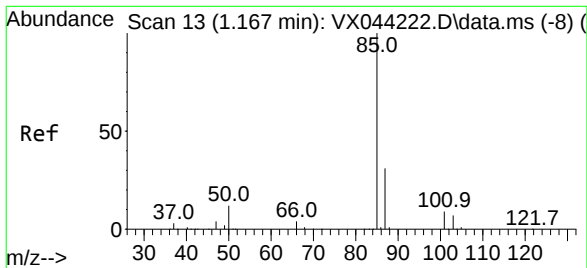
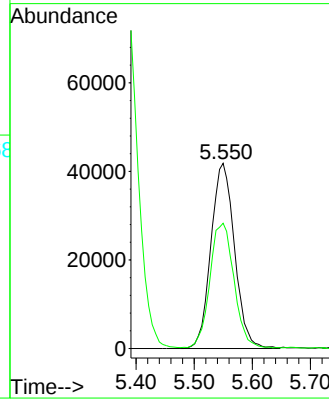
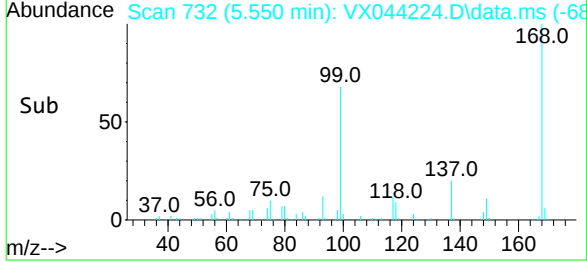
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 168 Resp: 117957
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0

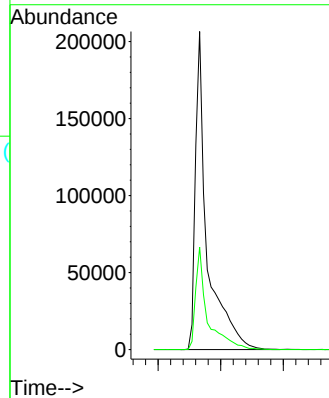
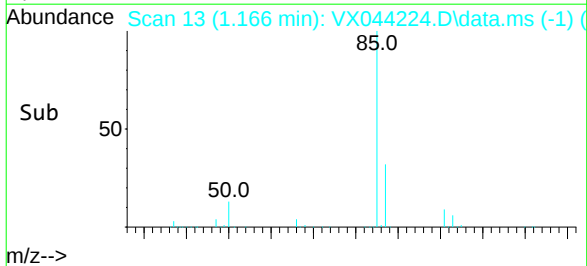
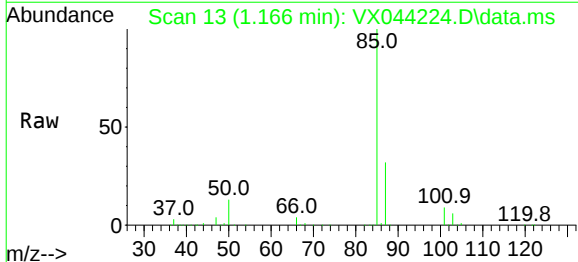
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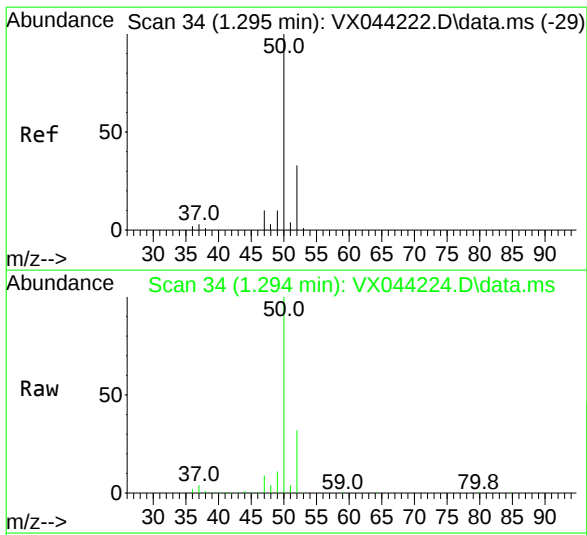
Reviewed By : John Carlone 12/12/2024
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#2
Dichlorodifluoromethane
Concen: 147.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 85 Resp: 268739
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4





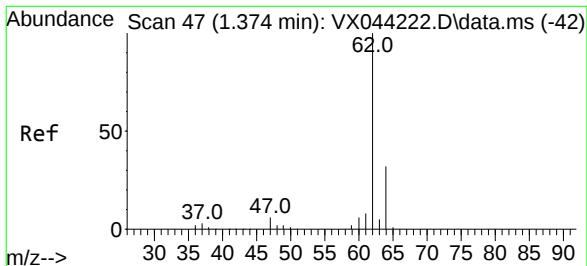
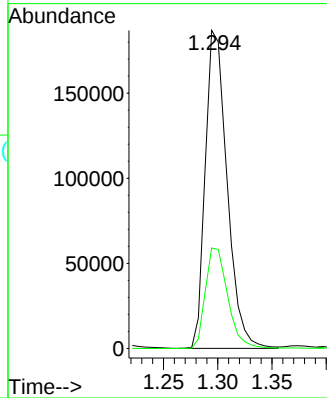
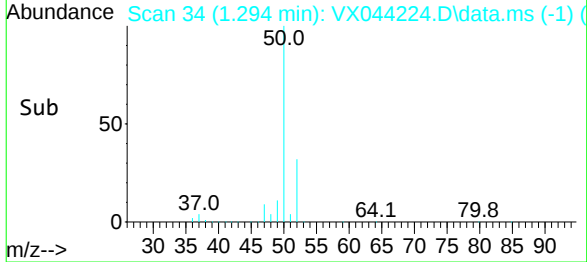
#3
Chloromethane
Concen: 150.062 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 261734
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

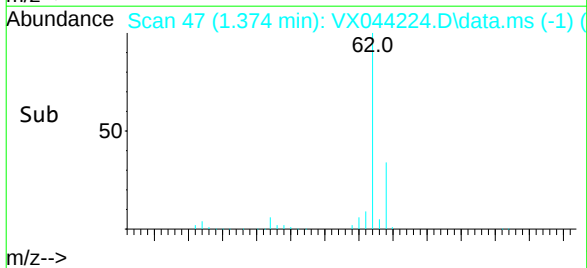
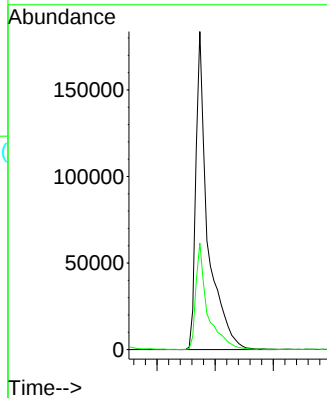
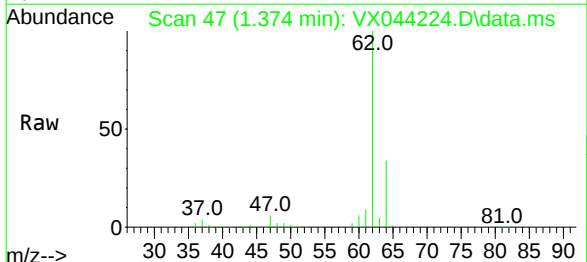
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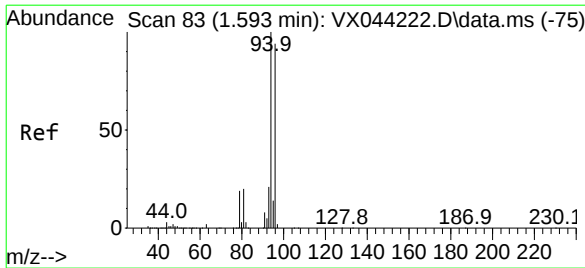
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#4
Vinyl Chloride
Concen: 143.446 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 260651
Ion Ratio Lower Upper
62 100
64 33.5 25.7 38.5





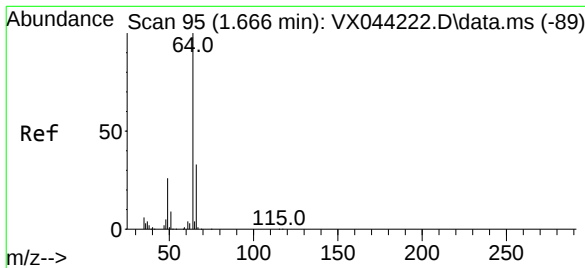
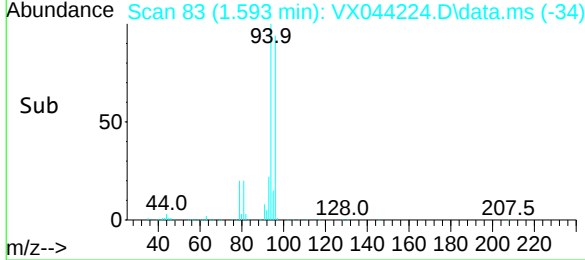
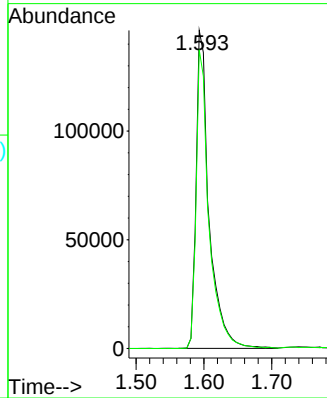
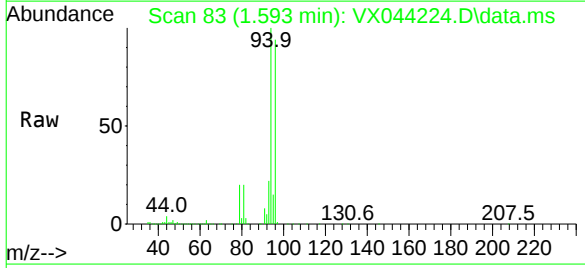
#5
Bromomethane
Concen: 150.562 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 194089
Ion Ratio Lower Upper
94 100
96 94.0 74.9 112.3

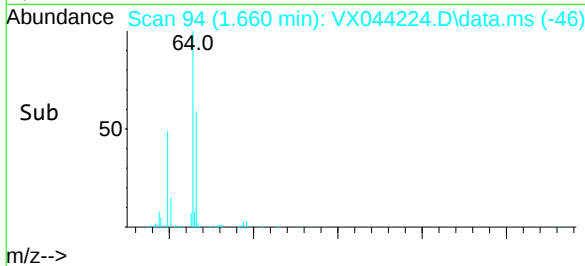
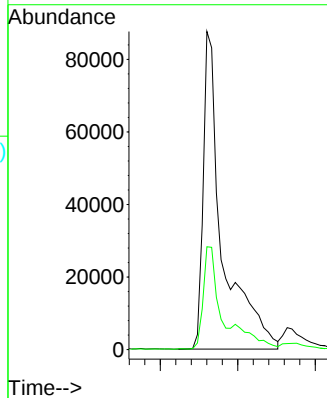
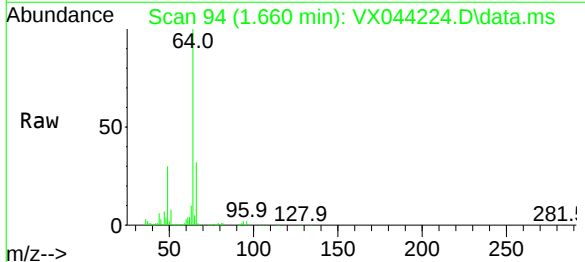
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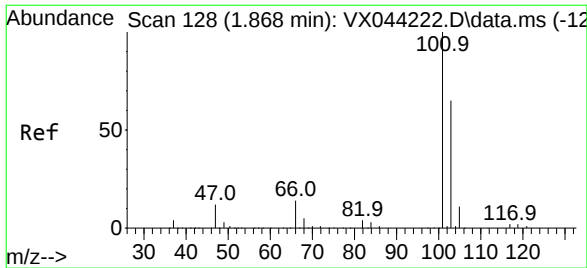
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 133.137 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 64 Resp: 150640
Ion Ratio Lower Upper
64 100
66 32.1 26.6 39.8





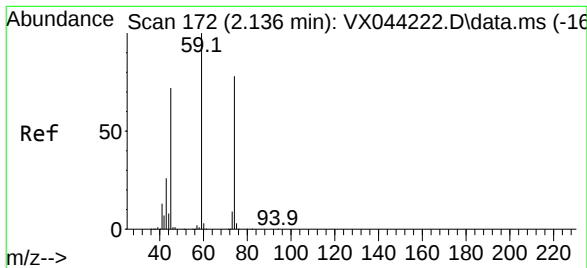
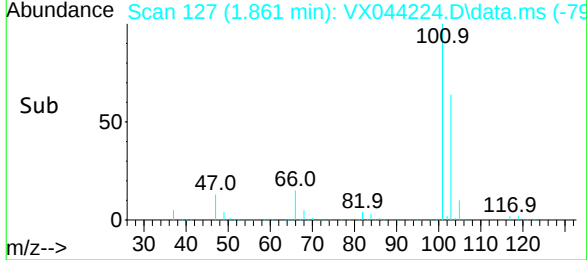
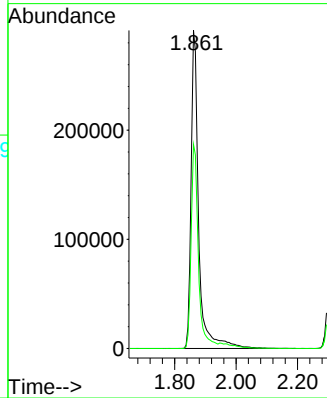
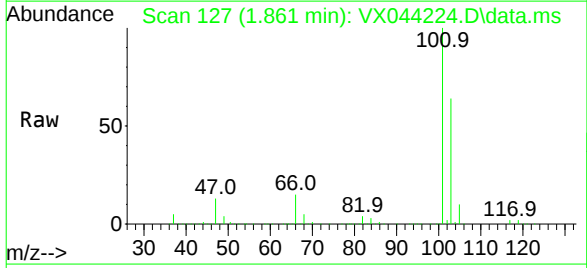
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Trichlorofluoromethane
Concen: 140.645 ug/l
RT: 1.861 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 500315
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

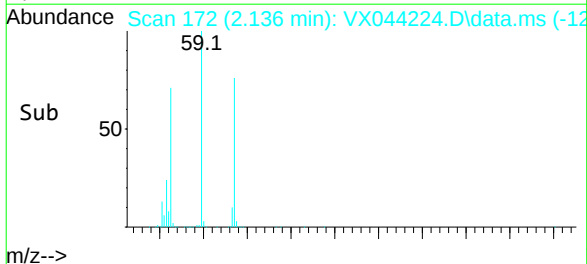
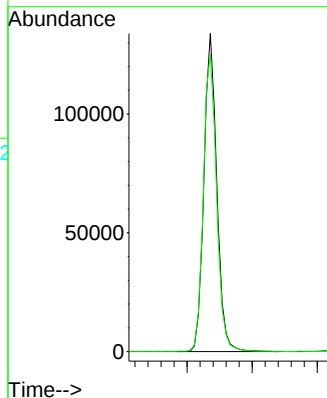
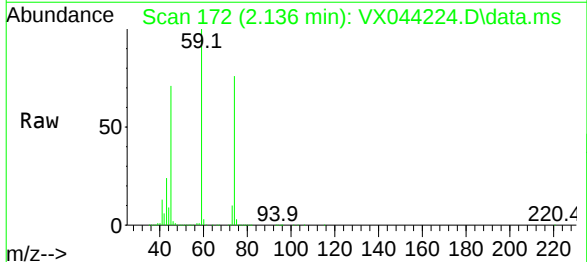
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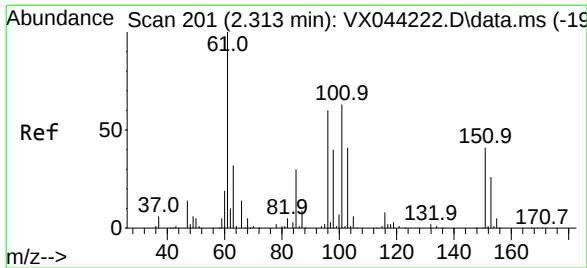
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#8
Diethyl Ether
Concen: 151.407 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 74 Resp: 183845
Ion Ratio Lower Upper
74 100
45 96.6 48.4 145.0





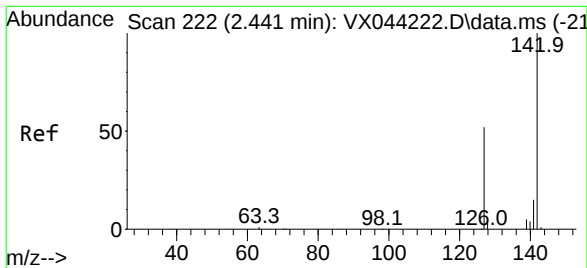
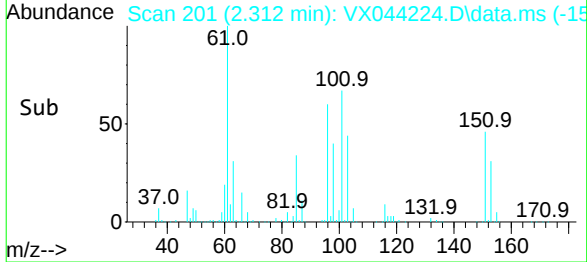
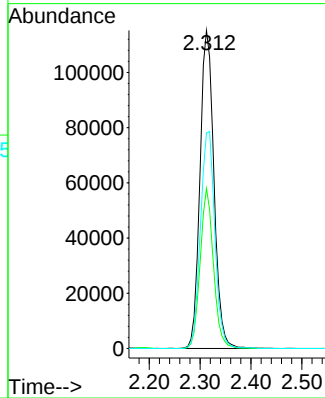
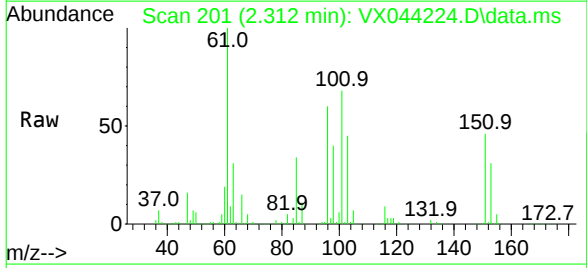
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.497 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.5	57.7
151	70.5	55.8	83.6

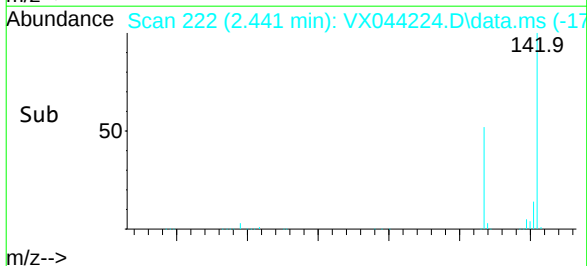
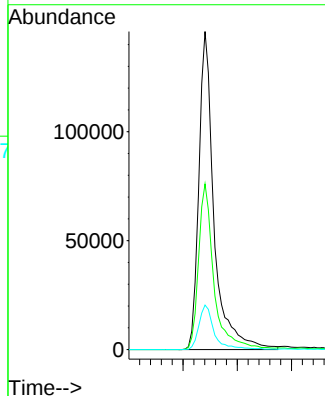
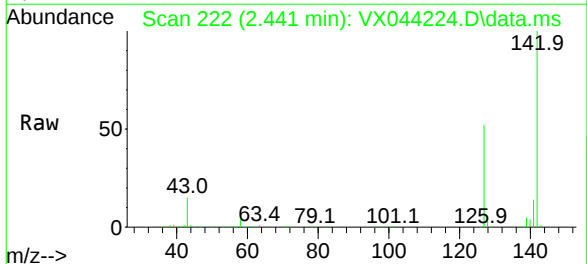
Manual Integrations
APPROVED

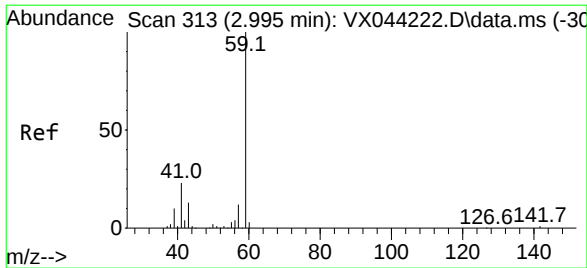
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 149.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
127	52.8	41.8	62.8
141	14.2	11.5	17.3





#11

Tert butyl alcohol

Concen: 916.880 ug/l

RT: 3.014 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 266830

Ion Ratio Lower Upper

59 100

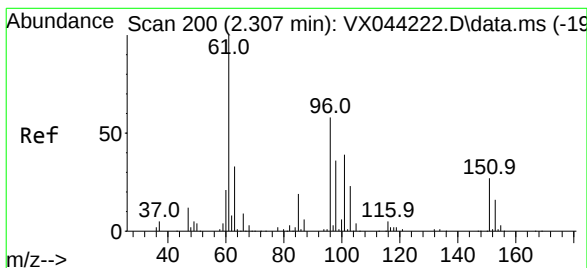
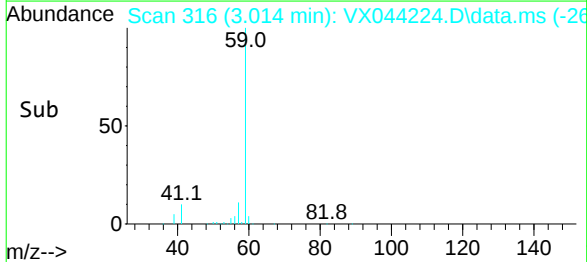
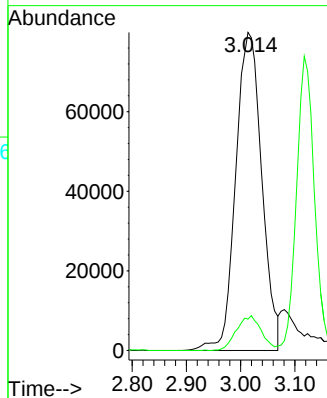
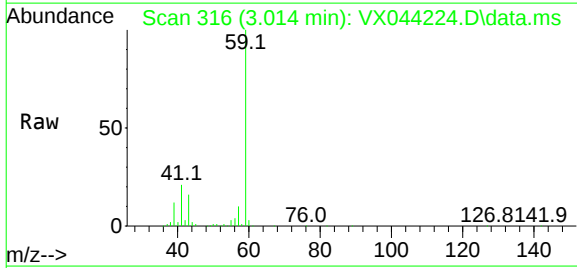
57 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 159.600 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

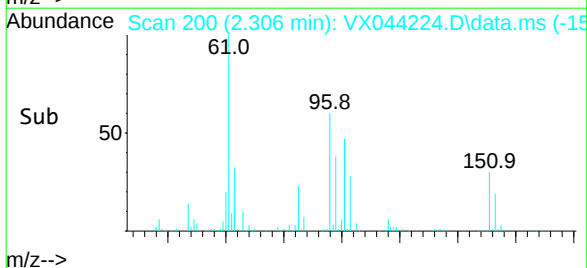
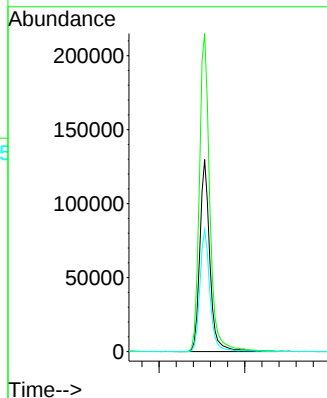
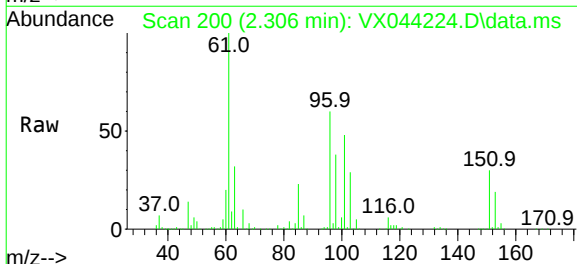
Tgt Ion: 96 Resp: 211016

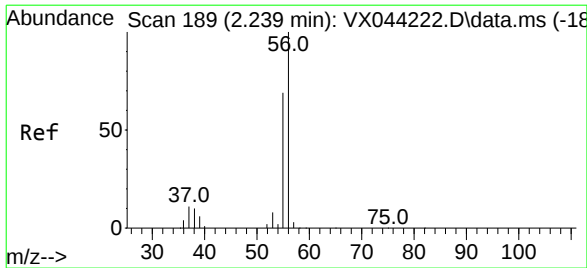
Ion Ratio Lower Upper

96 100

61 165.6 138.0 207.0

98 63.5 50.0 75.0





#13

Acrolein

Concen: 809.350 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 341487

Ion Ratio Lower Upper

56 100

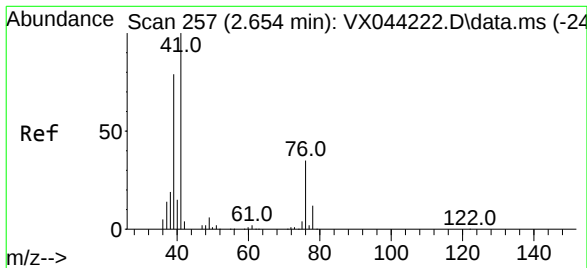
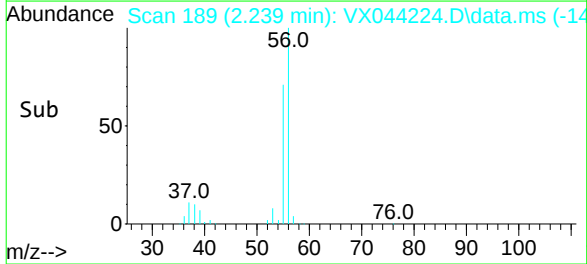
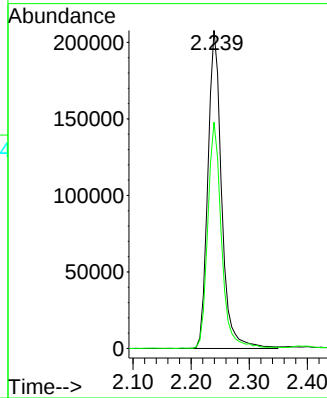
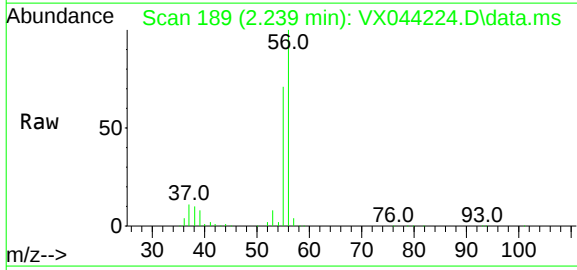
55 70.8 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#14

Allyl chloride

Concen: 157.465 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

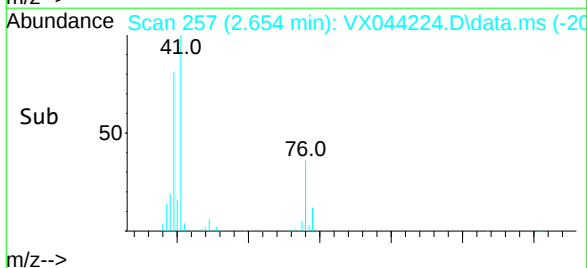
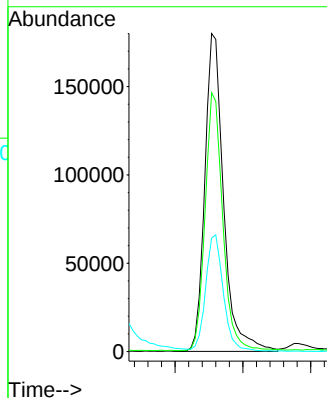
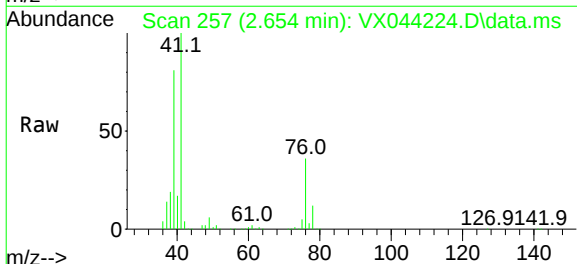
Tgt Ion: 41 Resp: 346773

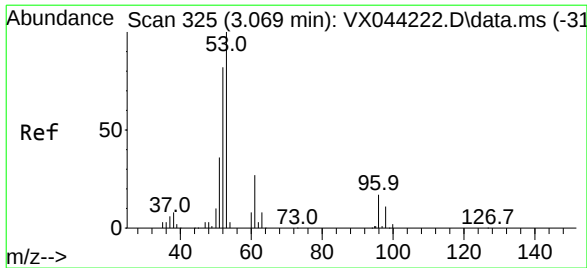
Ion Ratio Lower Upper

41 100

39 76.1 61.9 92.9

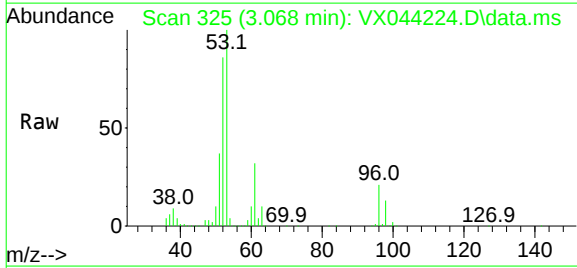
76 34.5 27.4 41.2





#15
Acrylonitrile
Concen: 804.774 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

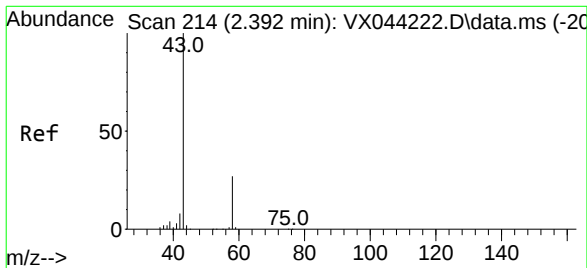
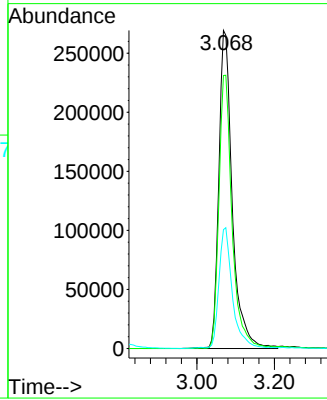
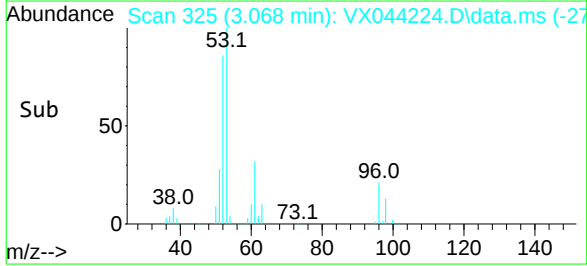
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 649783
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 37.0 30.3 45.5

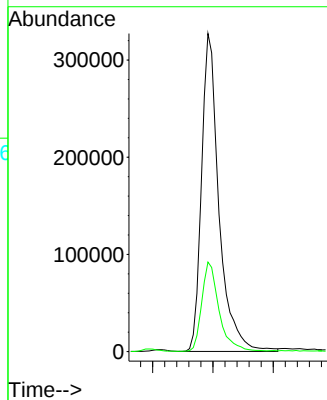
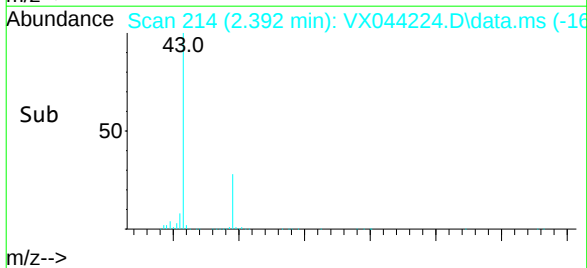
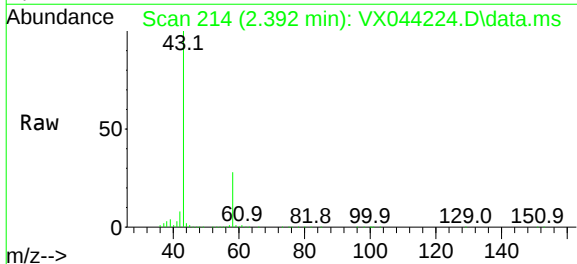
Manual Integrations
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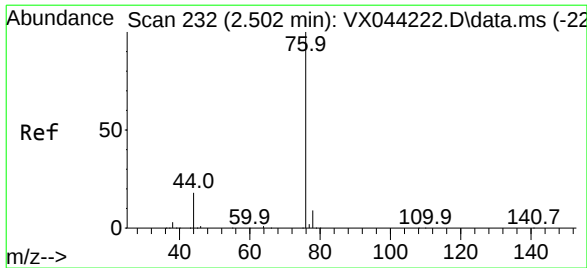
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 780.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 658120
Ion Ratio Lower Upper
43 100
58 28.1 21.6 32.4





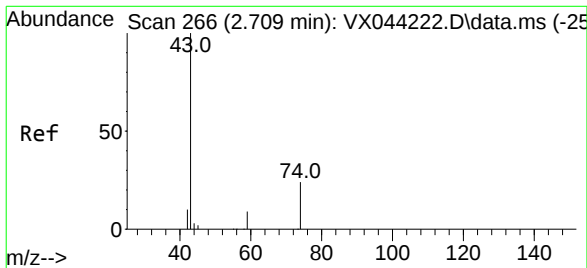
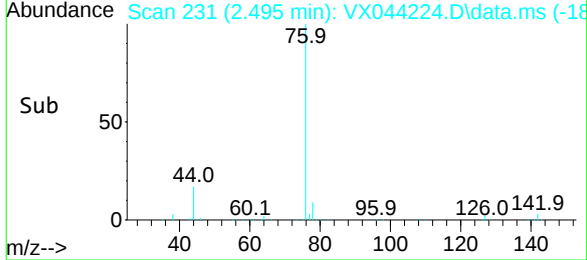
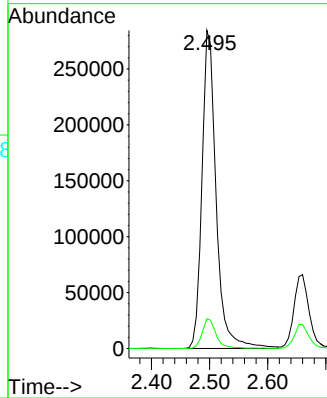
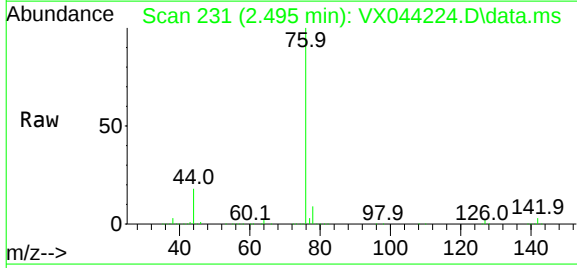
#17
Carbon Disulfide
Concen: 191.754 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 481926
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

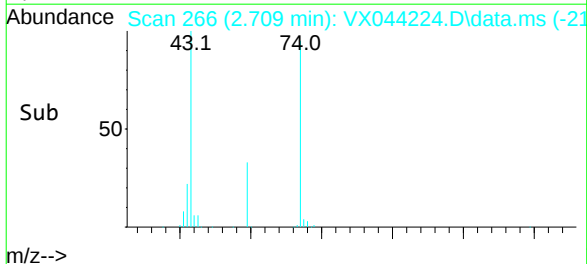
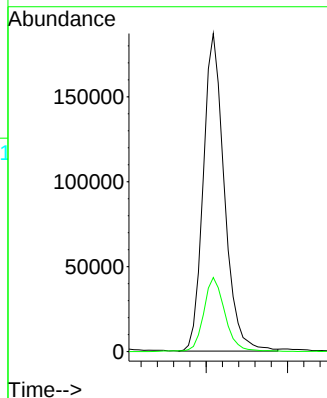
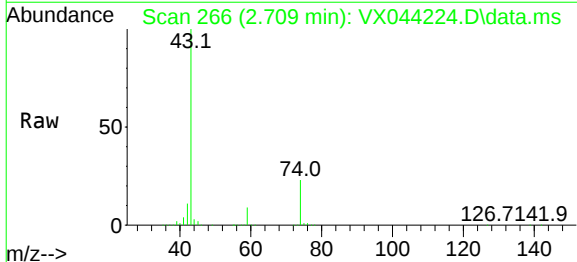
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 154.792 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 336516
Ion Ratio Lower Upper
43 100
74 23.7 17.7 26.5





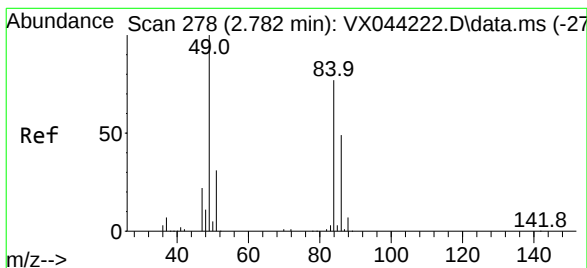
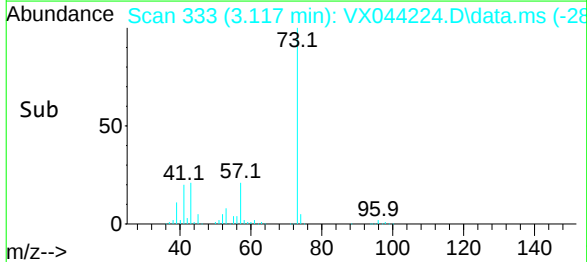
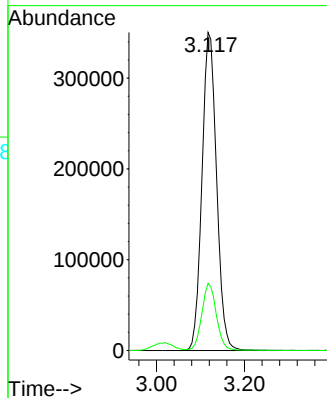
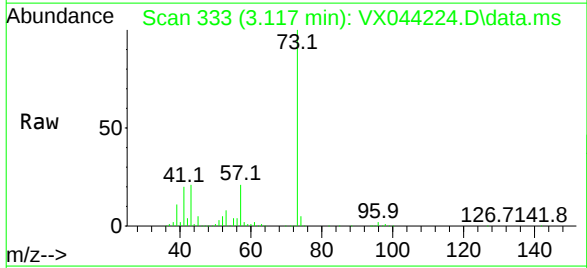
#19
Methyl tert-butyl Ether
Concen: 156.286 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 806360
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4

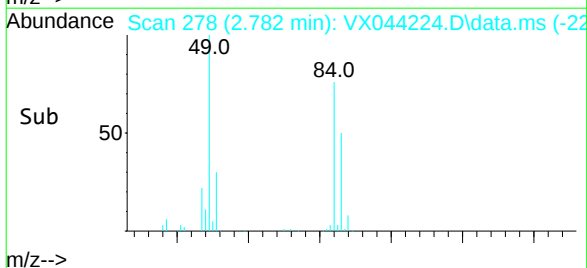
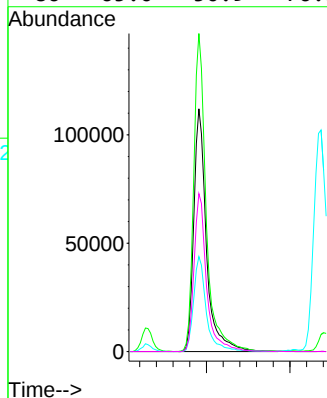
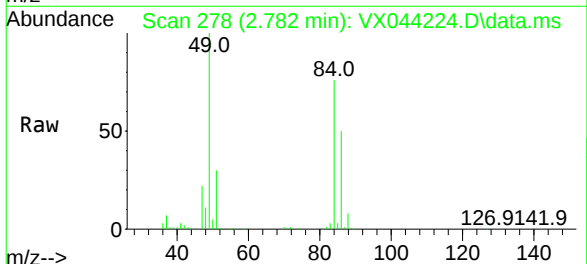
Manual Integrations
APPROVED

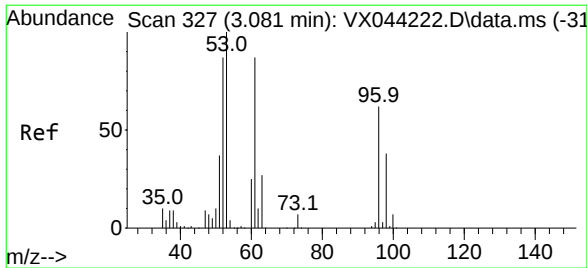
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 149.282 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

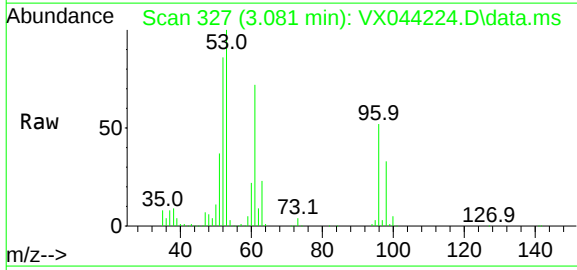
Tgt Ion: 84 Resp: 236412
Ion Ratio Lower Upper
84 100
49 130.9 104.2 156.4
51 39.1 32.2 48.4
86 65.0 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 157.719 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

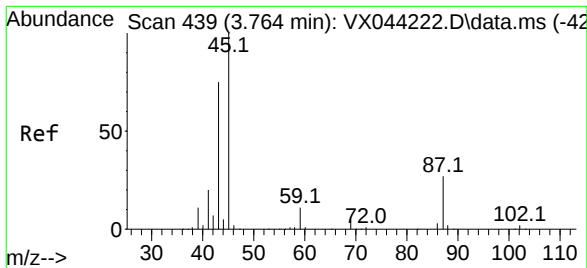
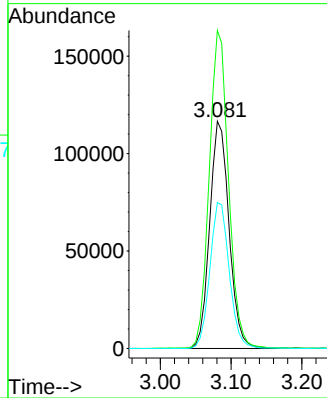
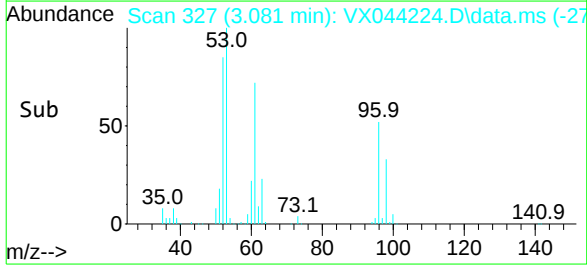
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 221622
Ion Ratio Lower Upper
96 100
61 139.7 112.0 168.0
98 64.2 48.8 73.2

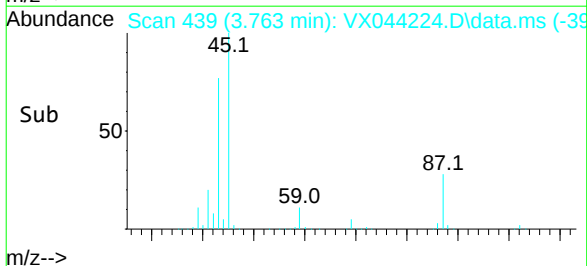
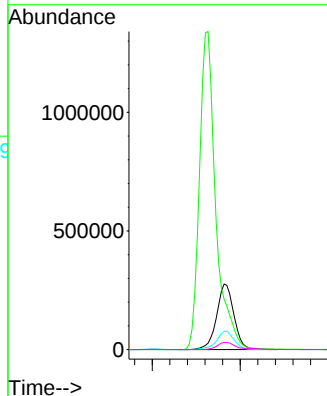
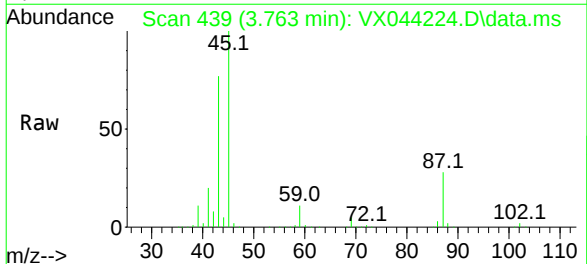
Manual Integrations
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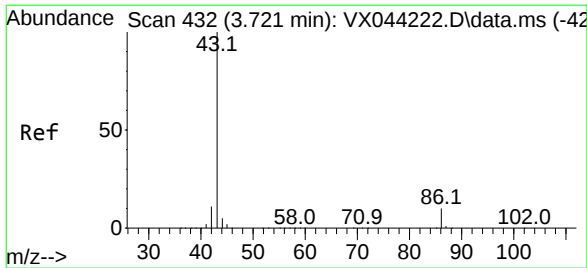
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#22
Diisopropyl ether
Concen: 151.500 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 45 Resp: 751292
Ion Ratio Lower Upper
45 100
43 76.6 60.2 90.2
87 28.0 21.2 31.8
59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 859.417 ug/l

RT: 3.727 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 3464902

Ion Ratio Lower Upper

43 100

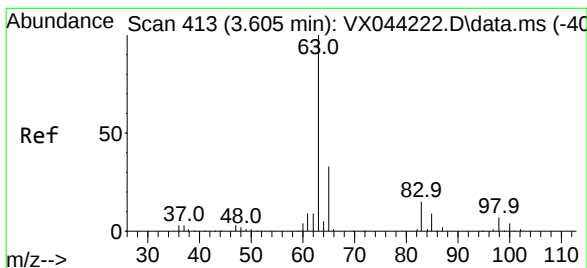
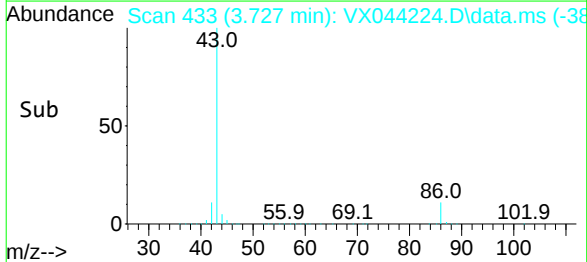
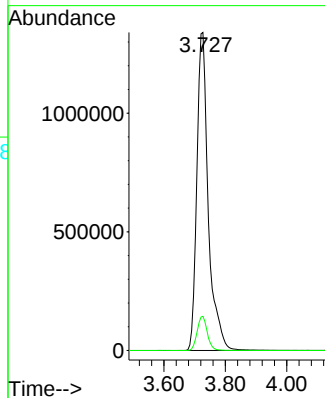
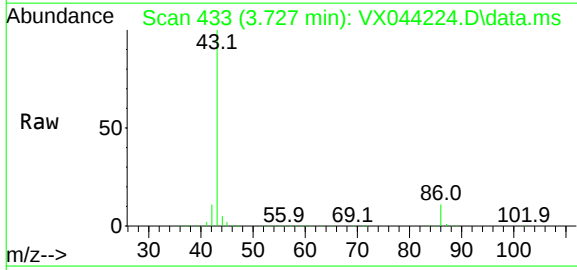
86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 155.921 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

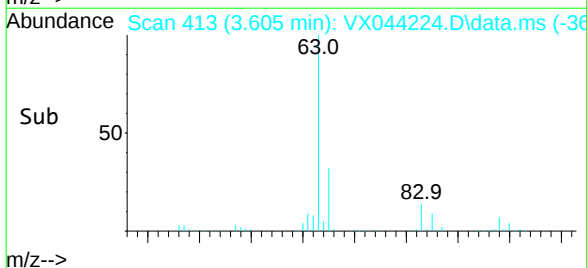
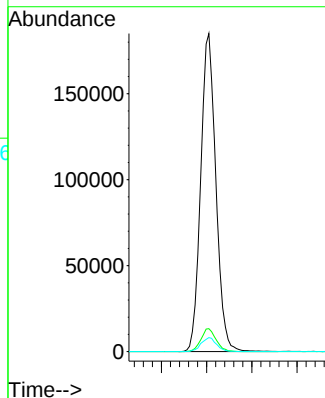
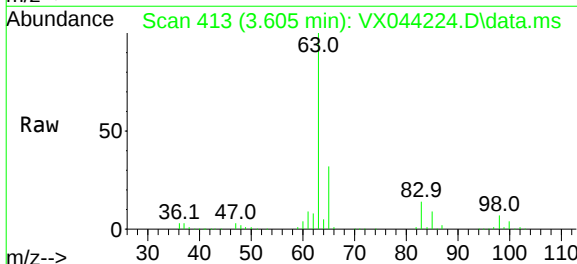
Tgt Ion: 63 Resp: 431006

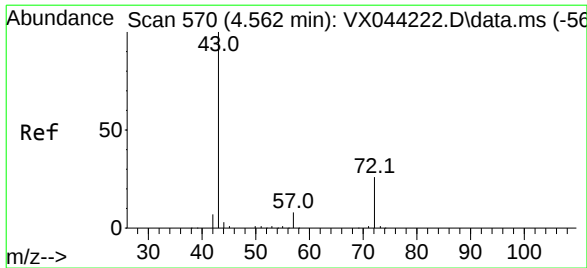
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.4 2.1 6.3





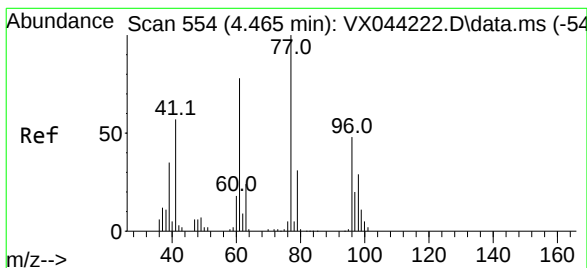
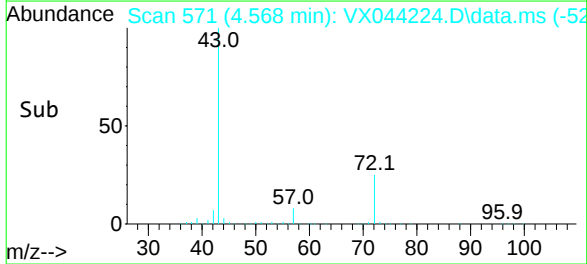
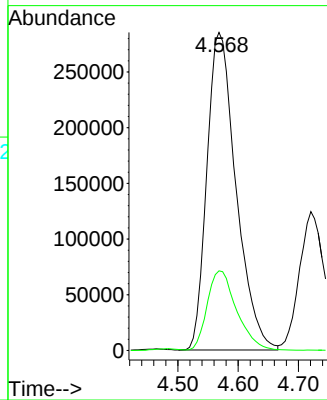
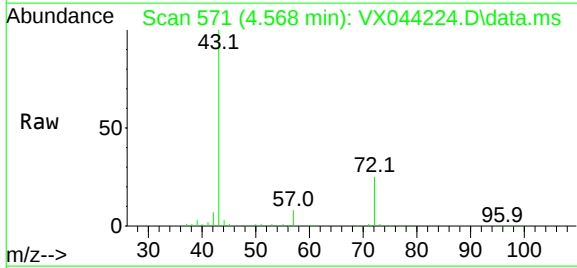
#25
2-Butanone
Concen: 798.973 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 957709
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4

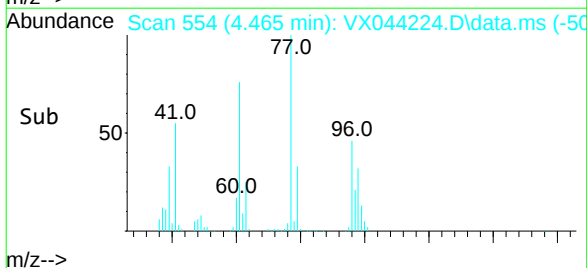
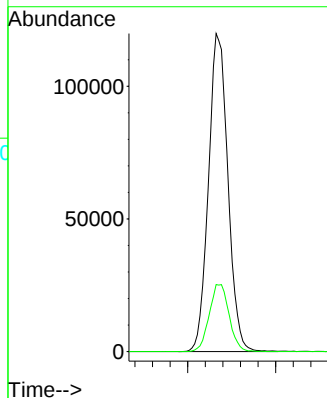
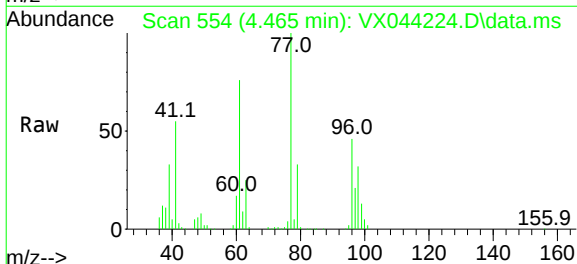
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 163.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

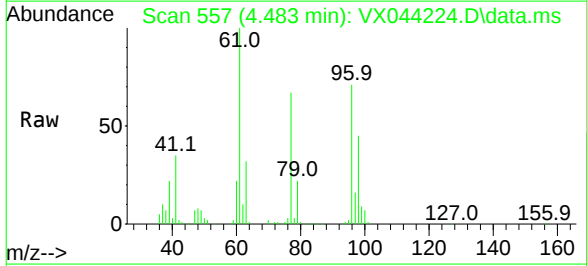
Tgt Ion: 77 Resp: 367781
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 151.131 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

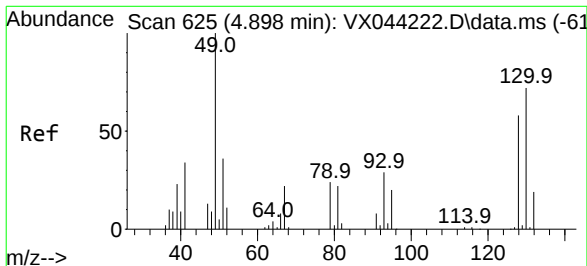
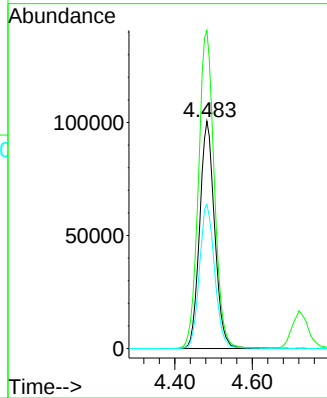
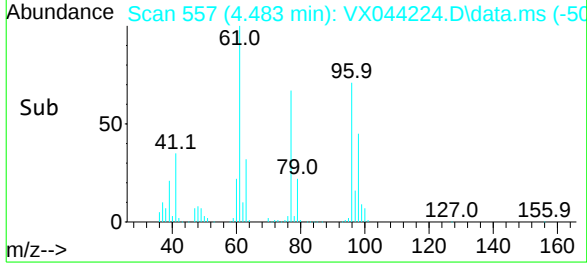
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 269708
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 299.0
 98 64.7 0.0 129.0

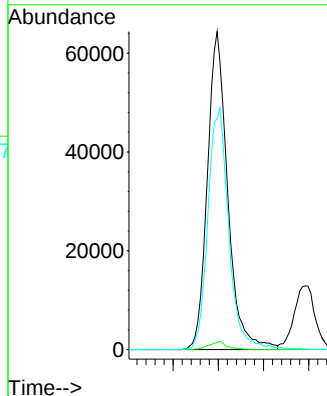
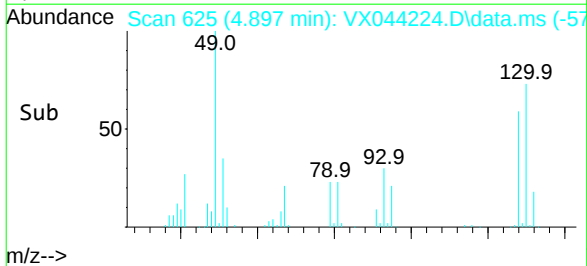
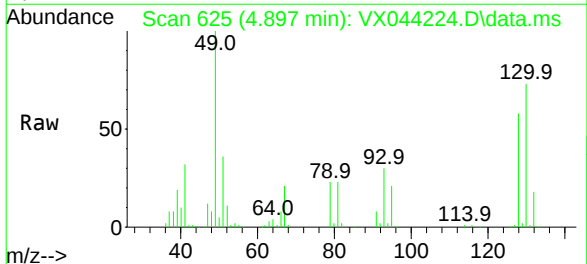
Manual Integrations
 APPROVED

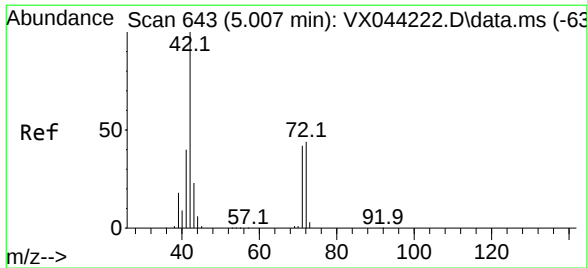
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#28
 Bromochloromethane
 Concen: 148.269 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

Tgt Ion: 49 Resp: 200978
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 77.2 62.1 93.1





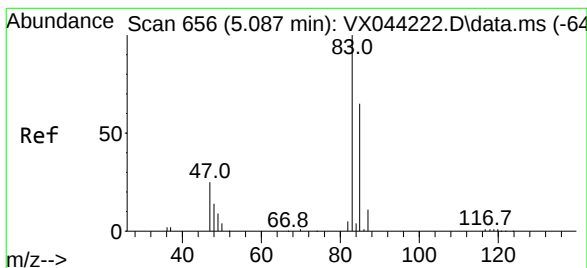
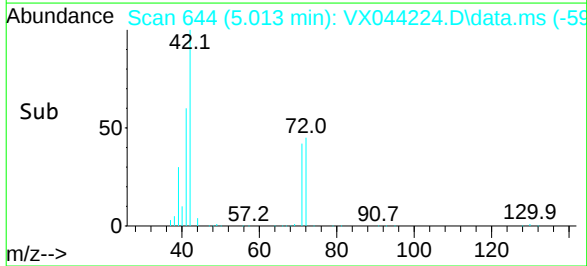
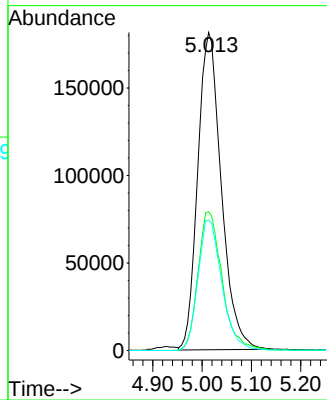
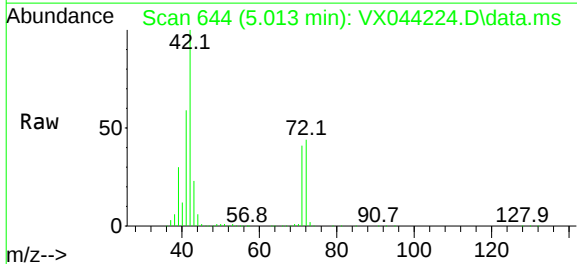
#29
Tetrahydrofuran
Concen: 782.561 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 602095
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.6
71 41.7 33.6 50.4

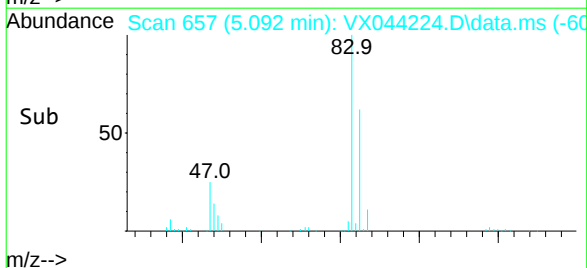
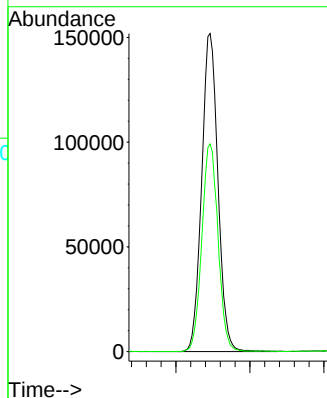
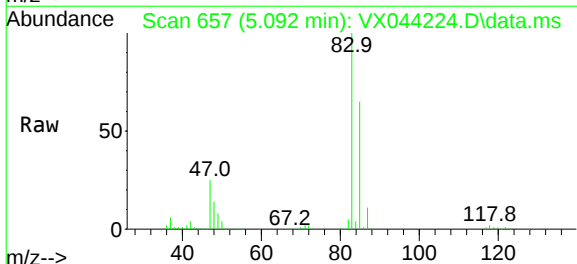
Manual Integrations
APPROVED

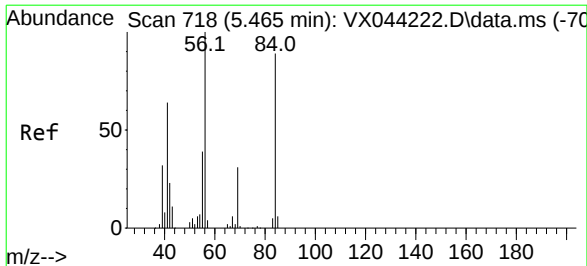
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 149.274 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 463606
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4





#31

Cyclohexane

Concen: 148.745 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 332026

Ion Ratio Lower Upper

56 100

69 29.8 24.7 37.1

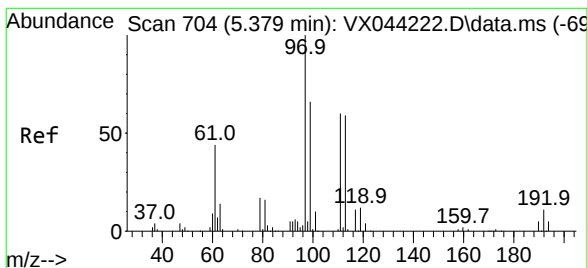
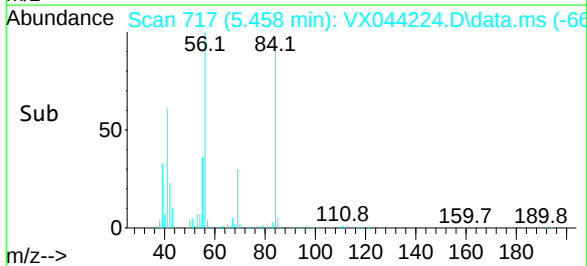
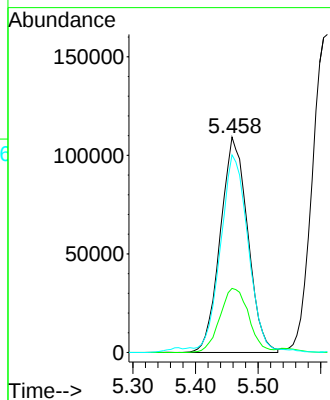
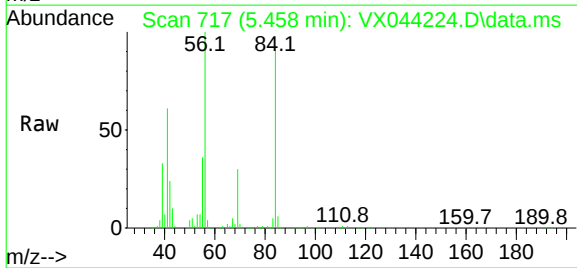
84 90.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 161.073 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

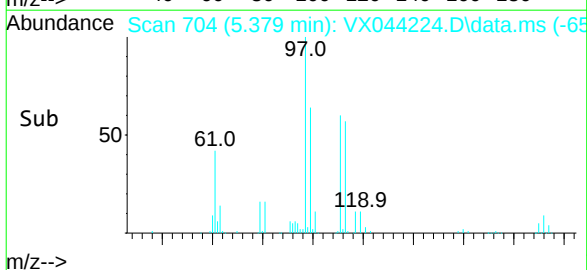
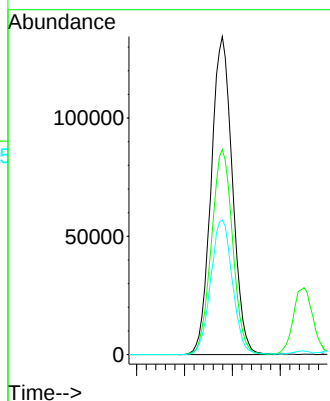
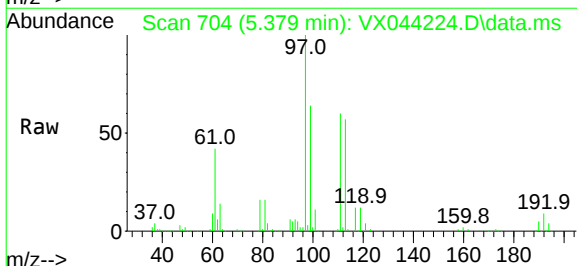
Tgt Ion: 97 Resp: 415253

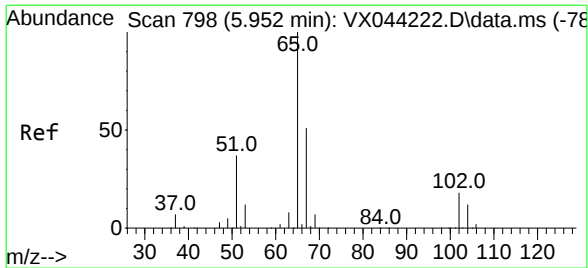
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 43.2 35.2 52.8





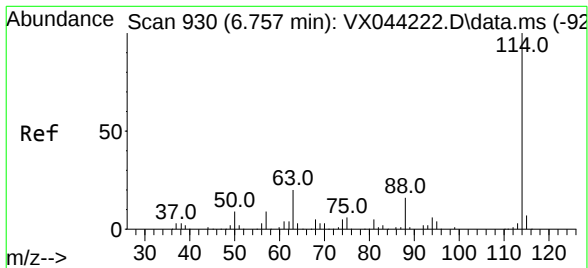
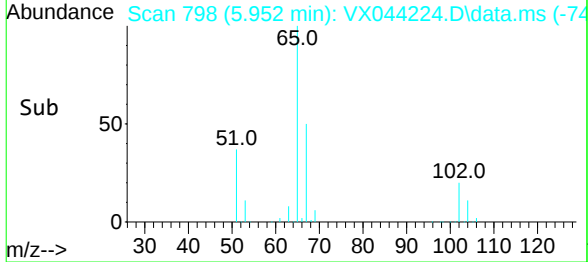
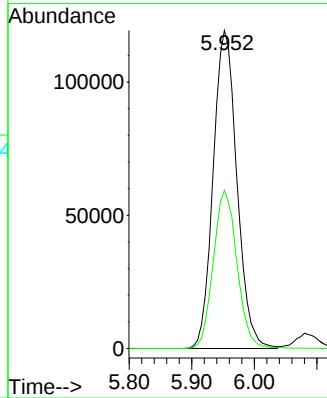
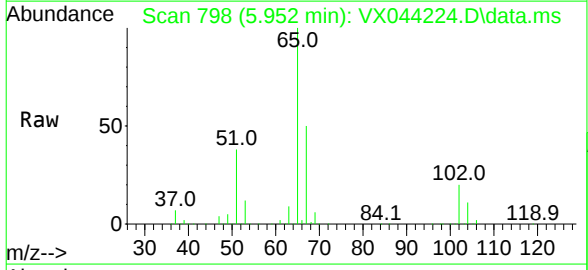
#33
1,2-Dichloroethane-d4
Concen: 151.956 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 314272
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6

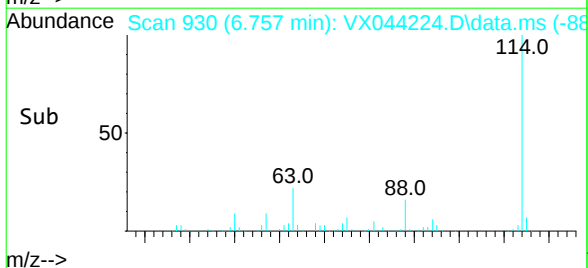
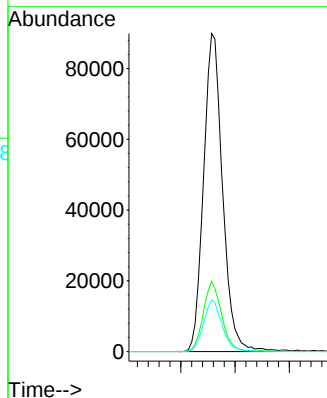
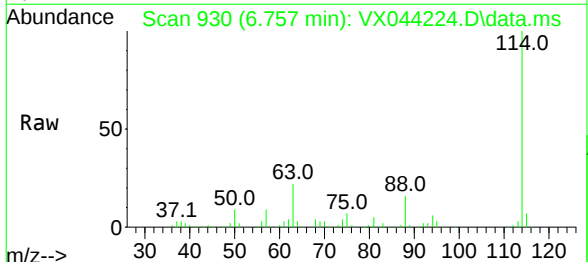
Manual Integrations
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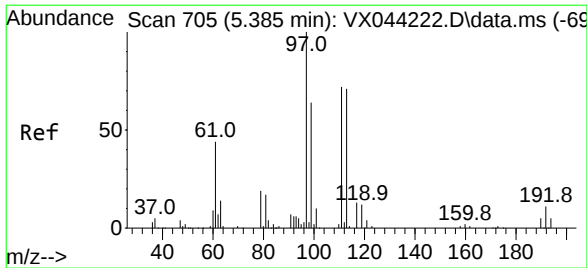
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:114 Resp: 218610
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.6
88 16.2 0.0 31.8





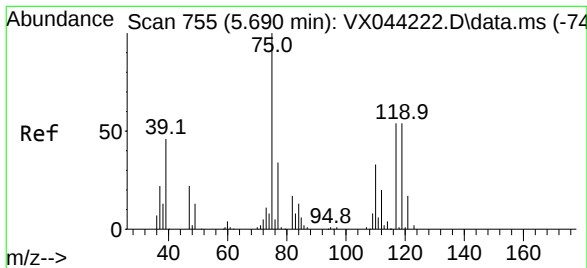
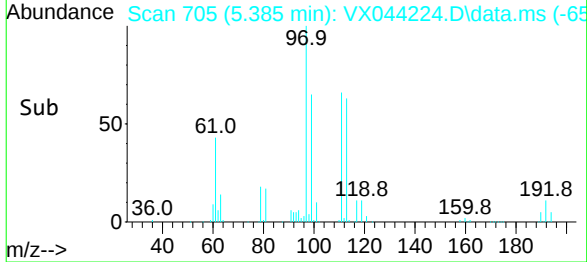
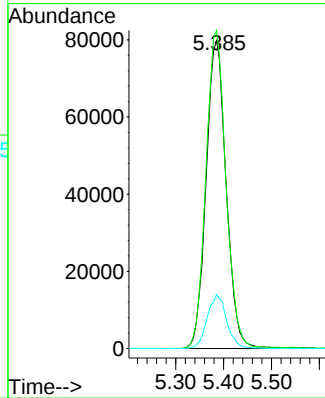
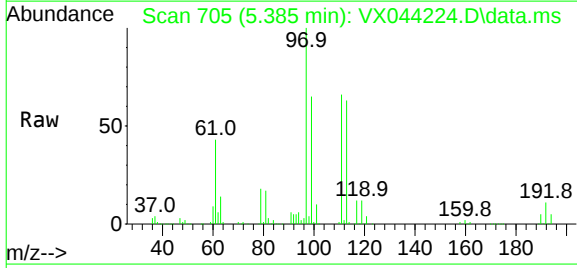
#35
Dibromofluoromethane
Concen: 153.188 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	113	Resp:	231937
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.4	120.6
192	17.0	13.3	19.9

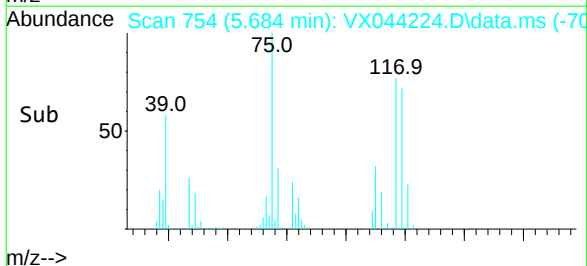
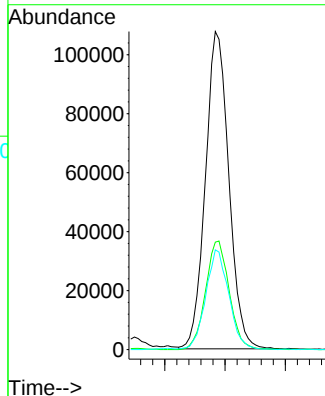
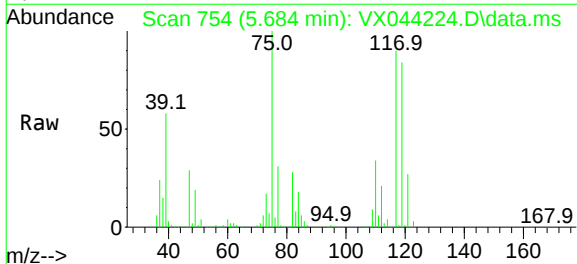
Manual Integrations
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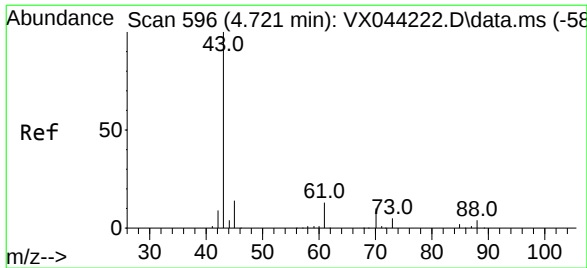
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 148.642 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:	75	Resp:	290913
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	51.7
77	31.1	25.4	38.0





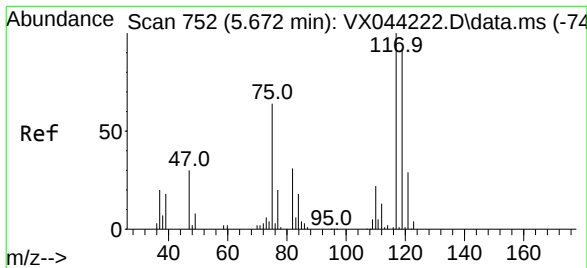
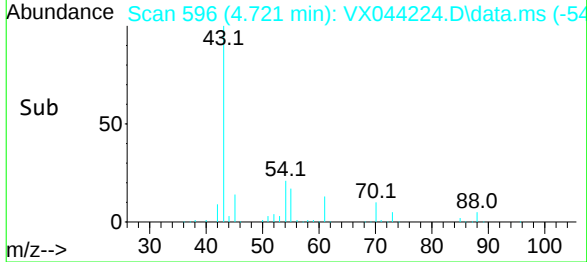
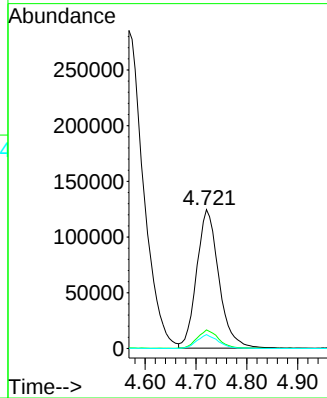
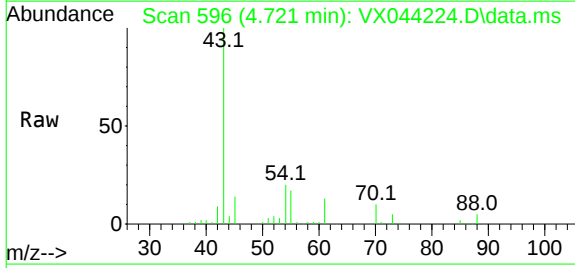
#37
Ethyl Acetate
Concen: 155.731 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	43	Resp:	376757
Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.8	14.8
70	9.6	7.7	11.5

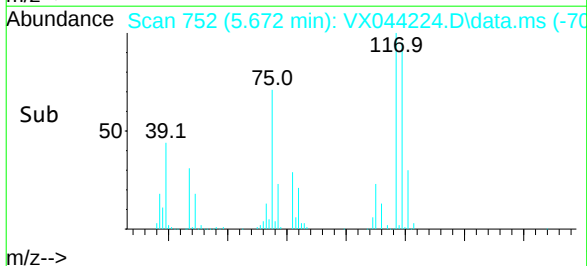
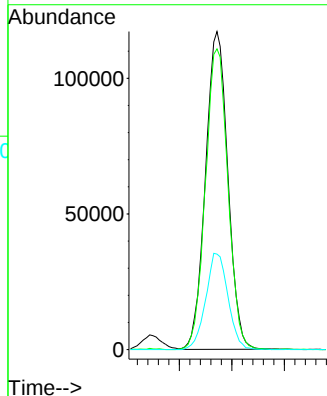
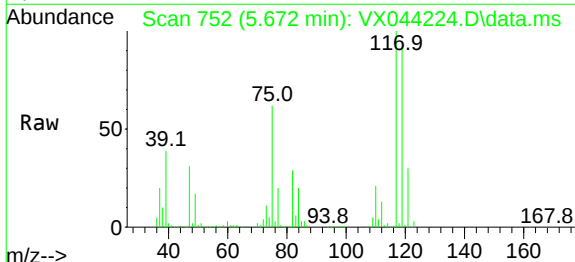
Manual Integrations
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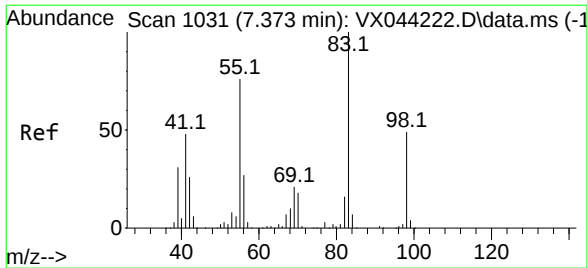
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 164.587 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:	117	Resp:	346795
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.2	111.4
121	30.1	23.0	34.6





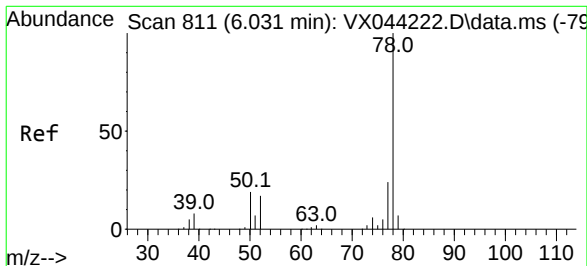
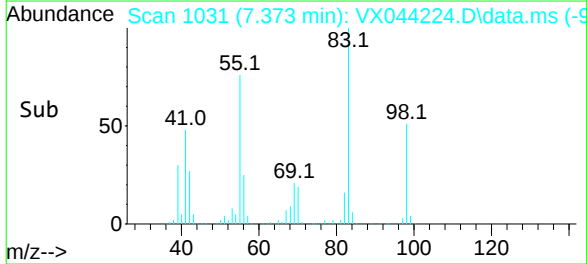
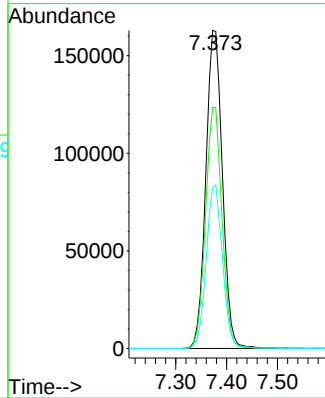
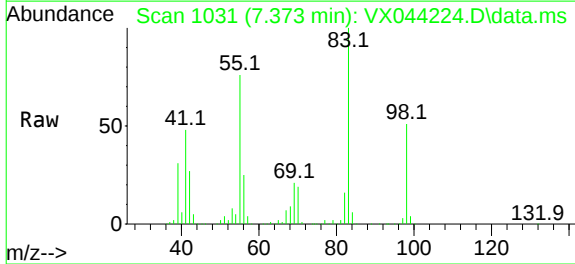
#39
Methylcyclohexane
Concen: 157.516 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 368542
Ion Ratio Lower Upper
83 100
55 75.8 60.7 91.1
98 50.5 38.9 58.3

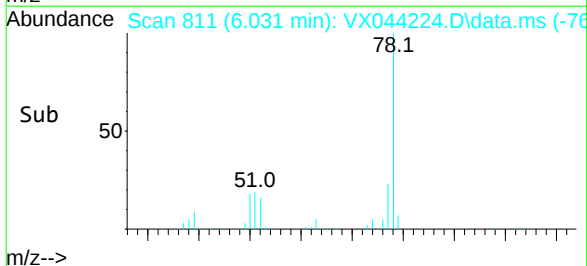
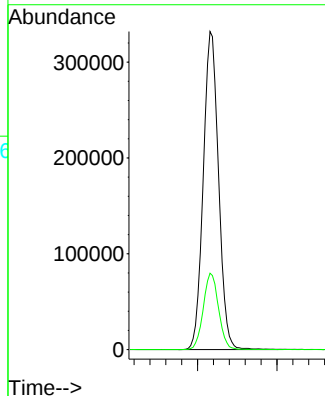
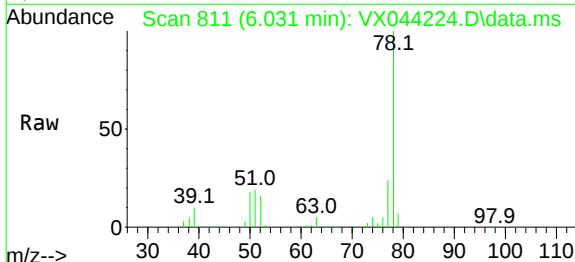
Manual Integrations
APPROVED

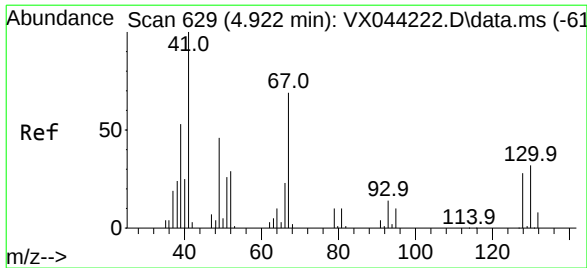
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 149.340 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 78 Resp: 887413
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





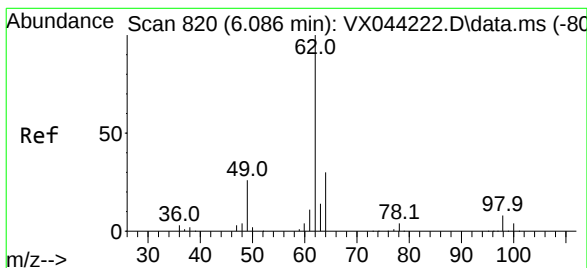
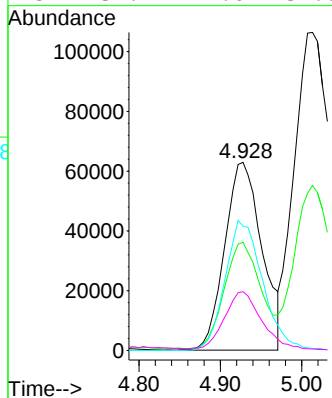
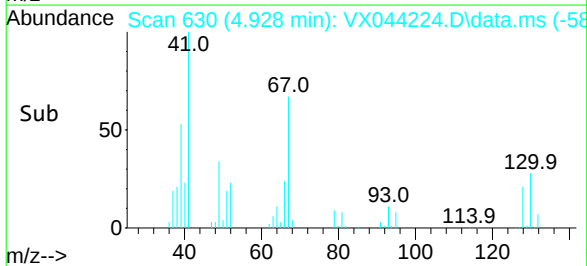
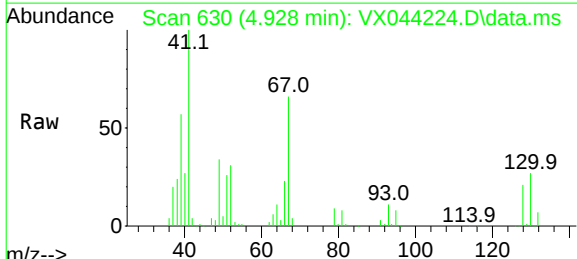
#41
Methacrylonitrile
Concen: 155.569 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:	41	Resp:	199851
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.2	66.4
67	70.2	57.2	85.8
52	31.9	24.6	37.0

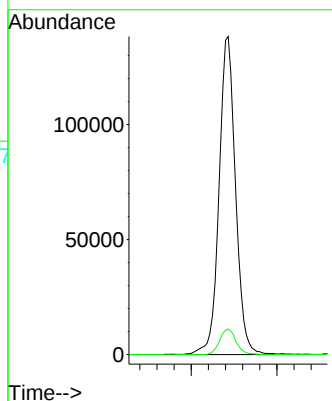
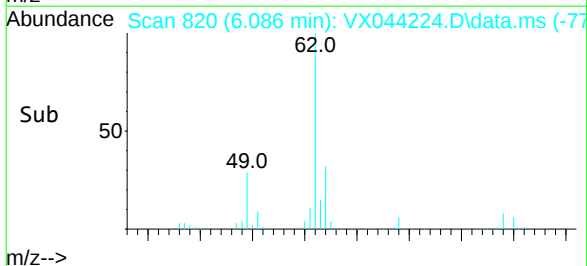
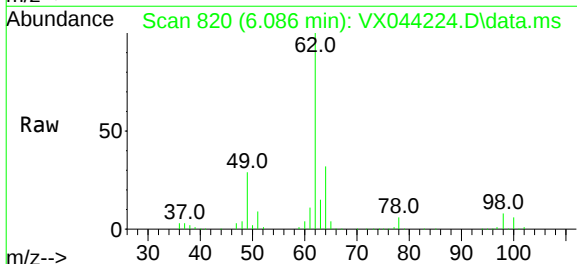
Manual Integrations
APPROVED

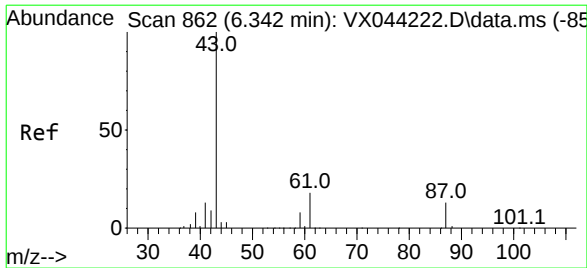
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 151.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:	62	Resp:	369874
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 163.200 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

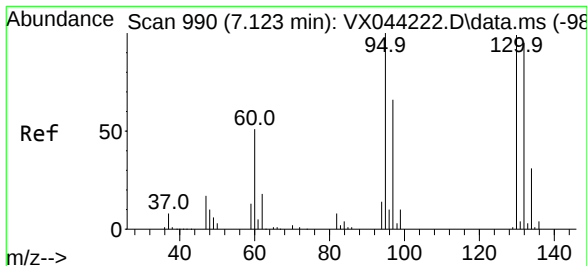
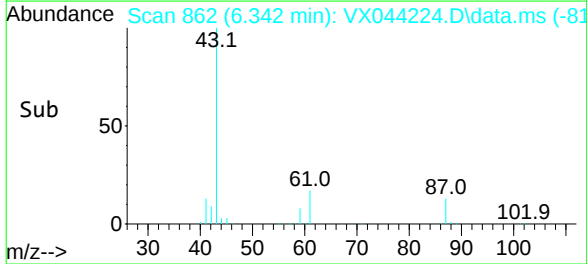
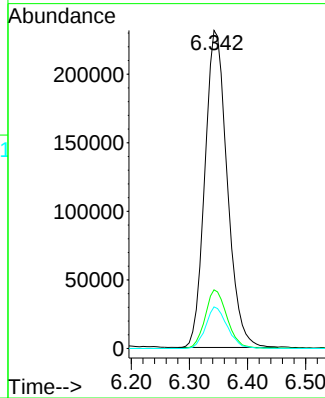
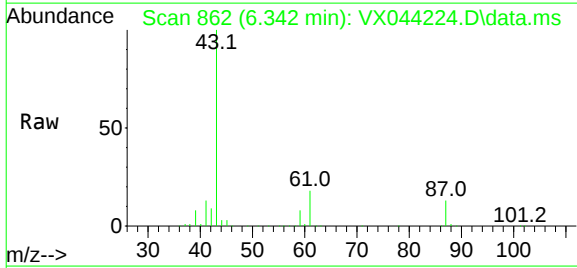
Tgt Ion:	43	Resp:	617107
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.2	21.2
87	12.8	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 151.275 ug/l

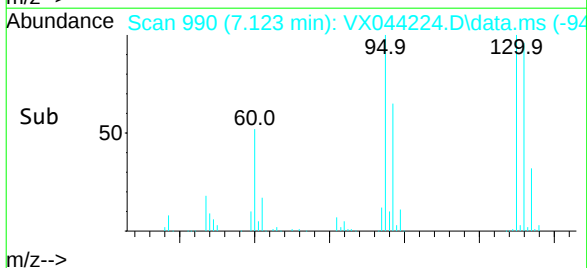
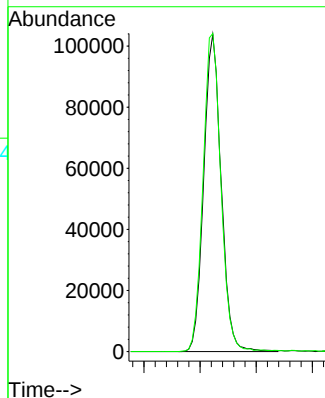
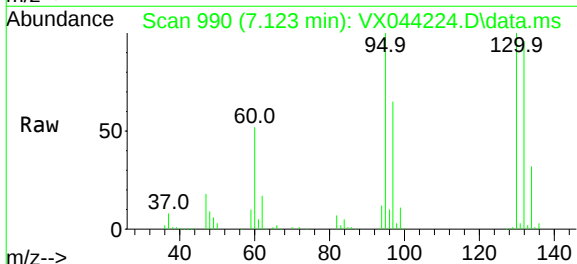
RT: 7.123 min Scan# 990

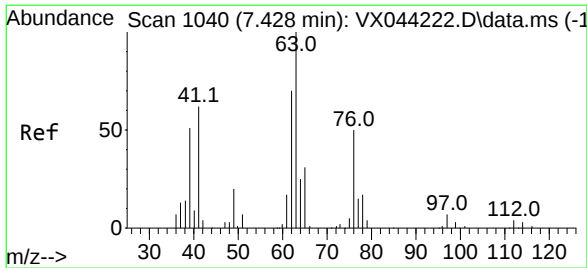
Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:	130	Resp:	224164
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	201.4





#45

1,2-Dichloropropane

Concen: 147.697 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 224224

Ion Ratio Lower Upper

63 100

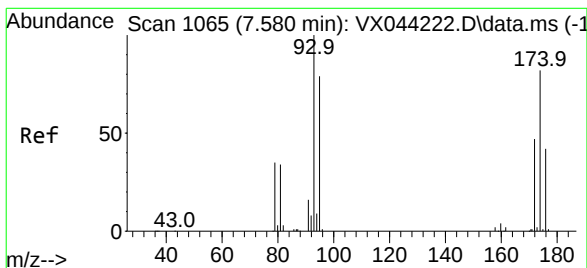
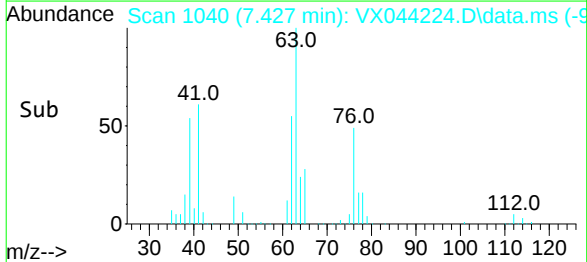
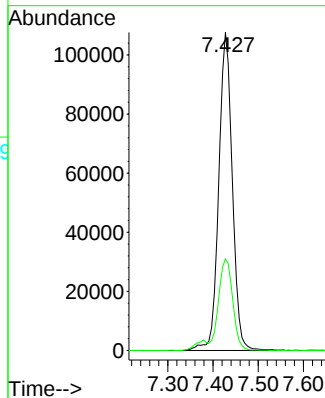
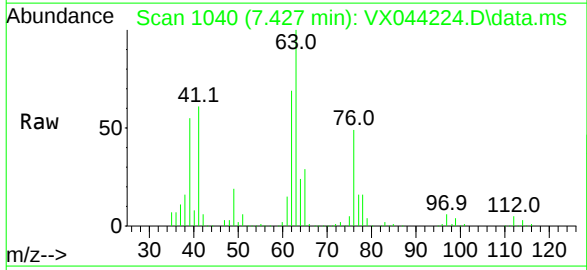
65 28.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#46

Dibromomethane

Concen: 156.728 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

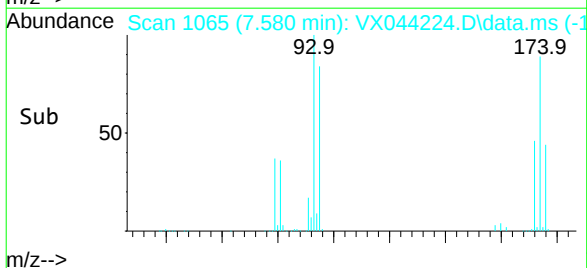
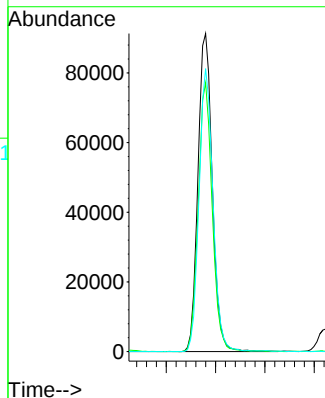
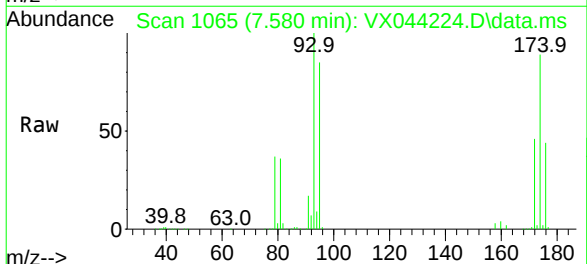
Tgt Ion: 93 Resp: 184590

Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.2

174 86.7 67.9 101.9





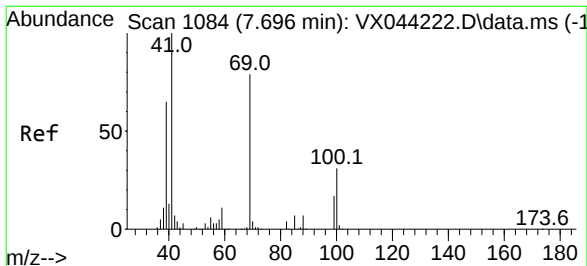
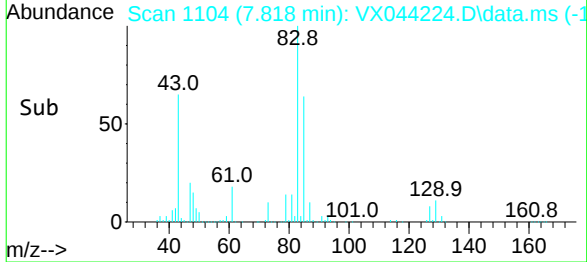
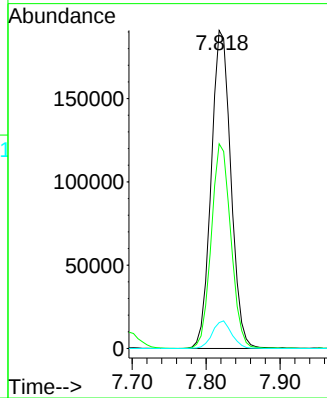
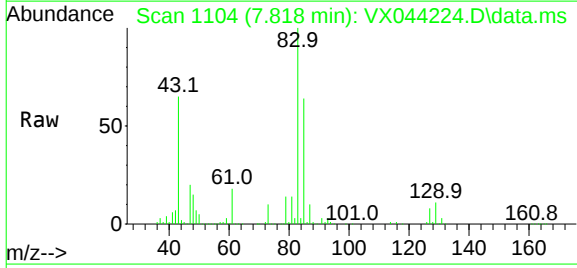
#47
Bromodichloromethane
Concen: 173.496 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 352904
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 8.1 7.3 10.9

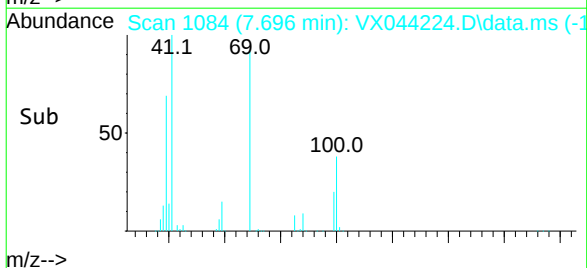
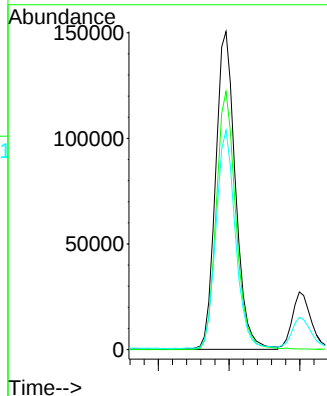
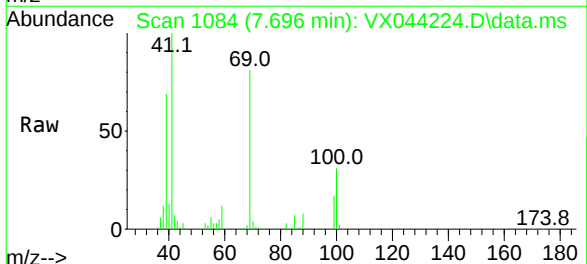
Manual Integrations
APPROVED

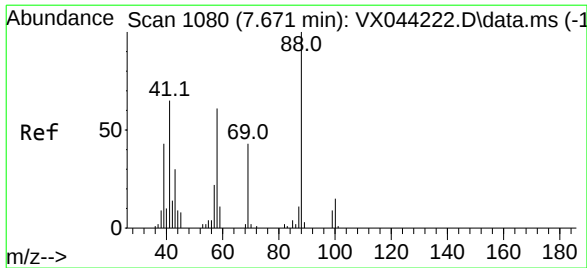
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 159.567 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

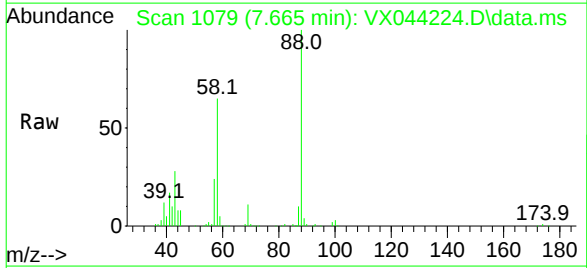
Tgt Ion: 41 Resp: 292890
Ion Ratio Lower Upper
41 100
69 80.0 62.4 93.6
39 67.8 53.3 79.9





#49
1,4-Dioxane
Concen: 3221.248 ug/l m
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

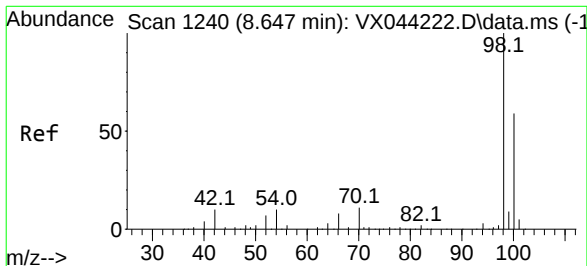
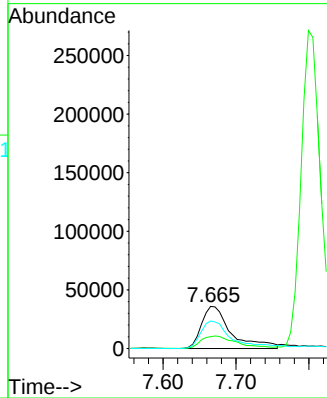
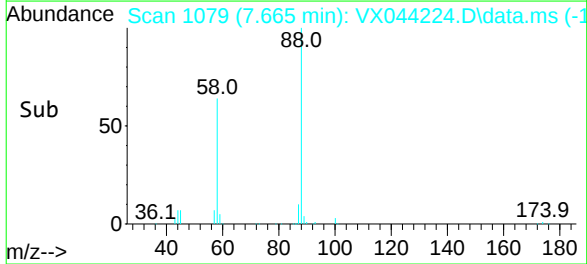
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 101048
Ion Ratio Lower Upper
88 100
43 35.1 27.1 40.7
58 69.6 41.0 61.4#

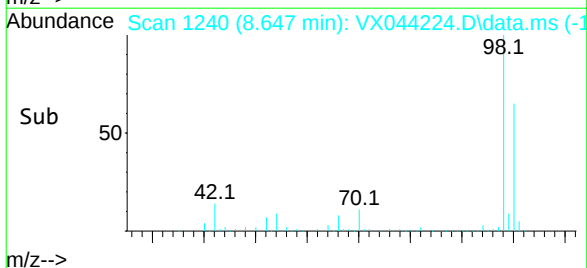
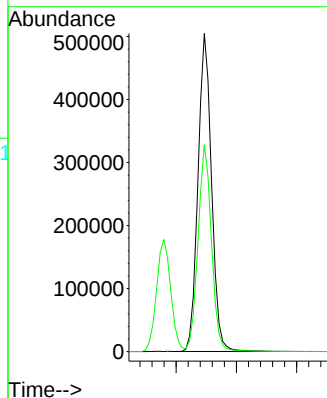
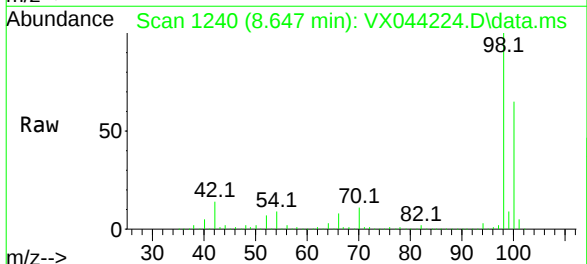
Manual Integrations
APPROVED

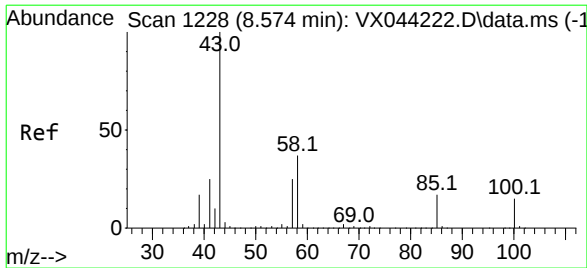
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 154.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 98 Resp: 788876
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





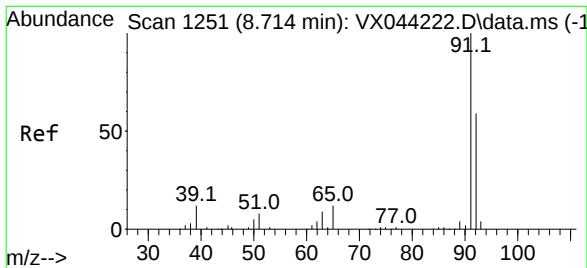
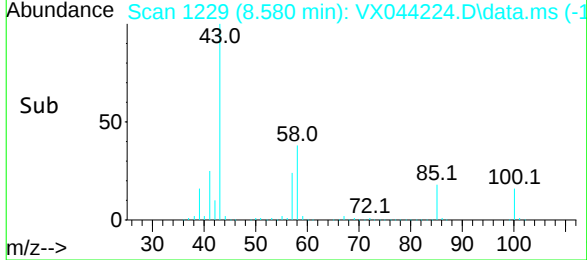
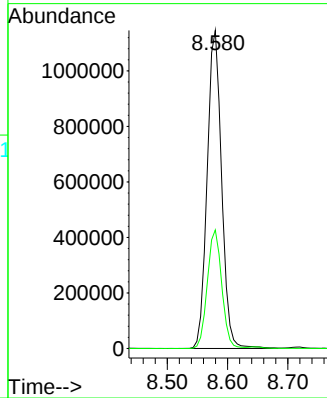
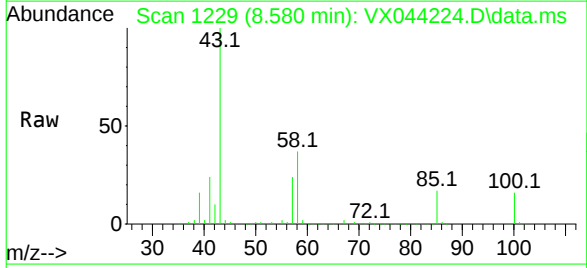
#51
4-Methyl-2-Pentanone
Concen: 784.573 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1907523
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.0

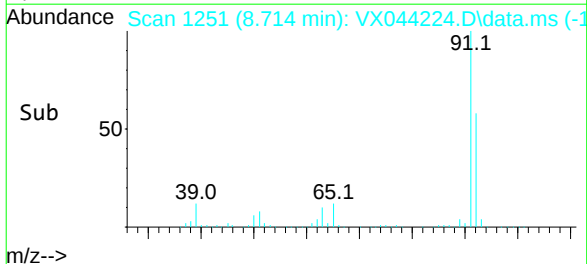
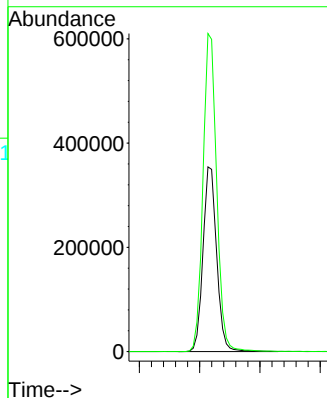
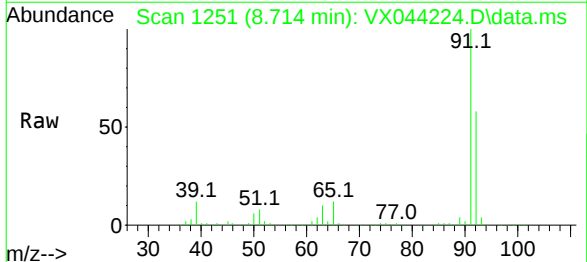
Manual Integrations
APPROVED

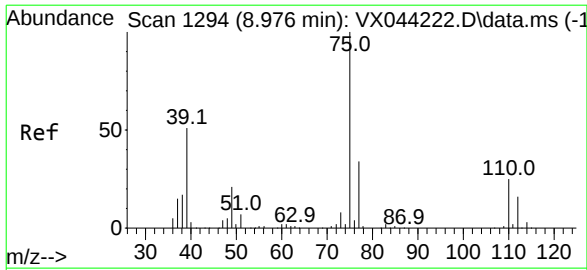
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 149.294 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

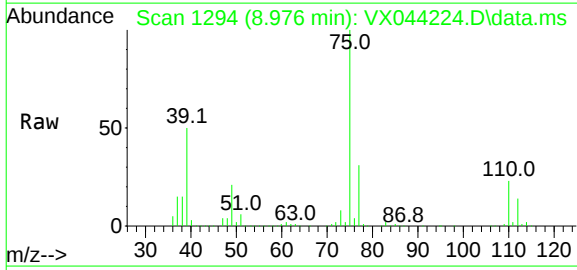
Tgt Ion: 92 Resp: 557102
Ion Ratio Lower Upper
92 100
91 172.4 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 150.167 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

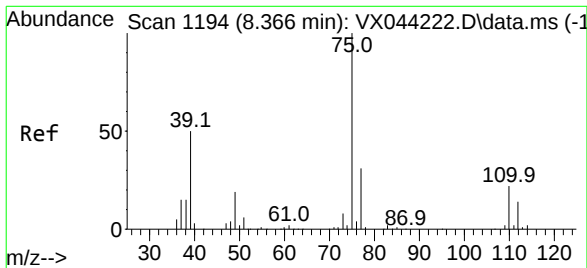
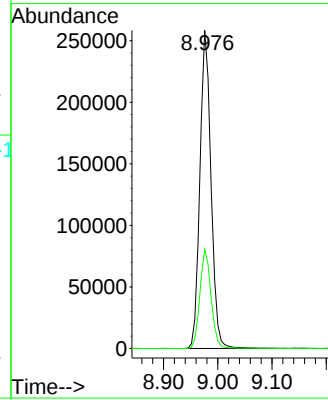
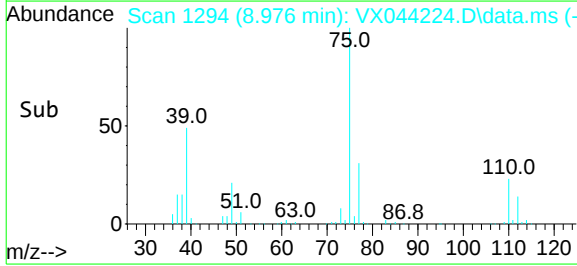
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 366275
Ion Ratio Lower Upper
75 100
77 31.1 27.2 40.8

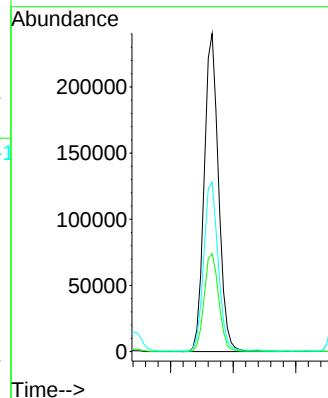
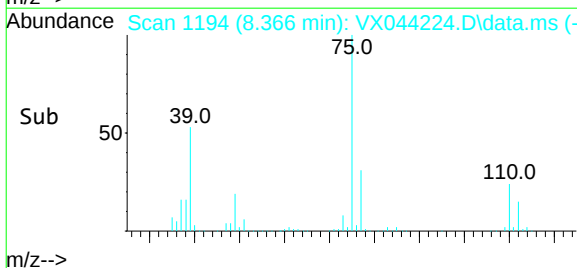
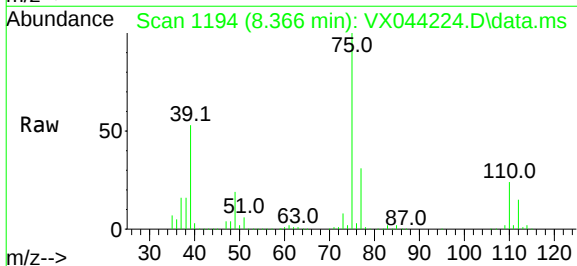
Manual Integrations
APPROVED

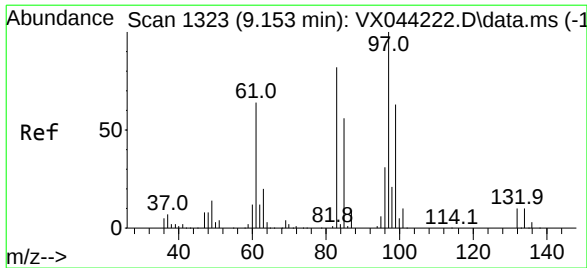
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 172.581 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

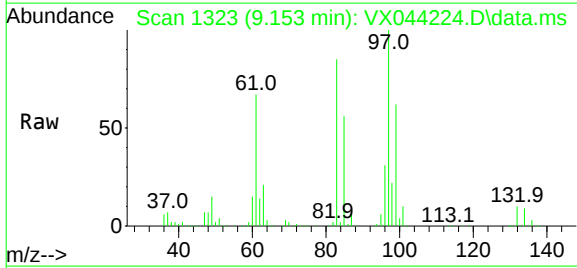
Tgt Ion: 75 Resp: 382226
Ion Ratio Lower Upper
75 100
77 30.8 24.7 37.1
39 53.1 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 150.202 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

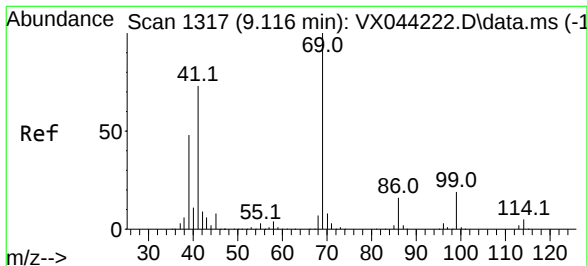
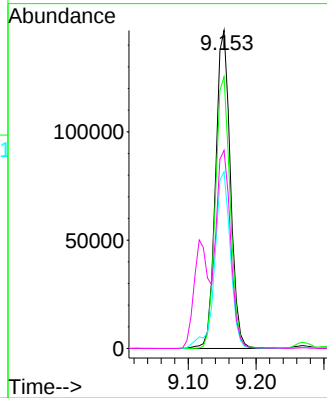
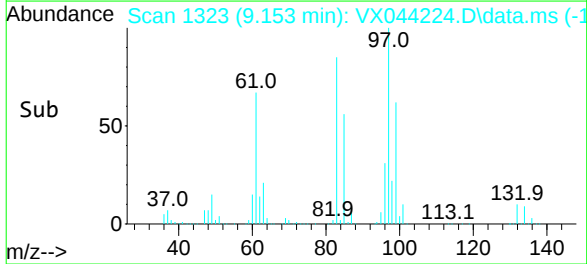
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



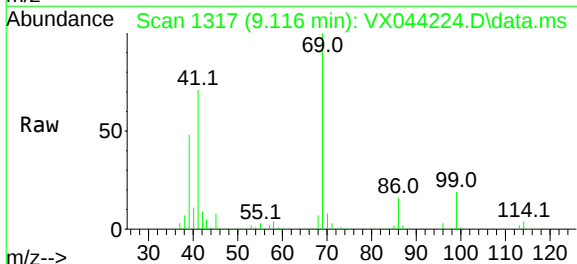
Tgt Ion: 97 Resp: 222665
Ion Ratio Lower Upper
97 100
83 85.5 65.3 97.9
85 55.5 44.6 67.0
99 62.3 50.2 75.2

Manual Integrations
APPROVED

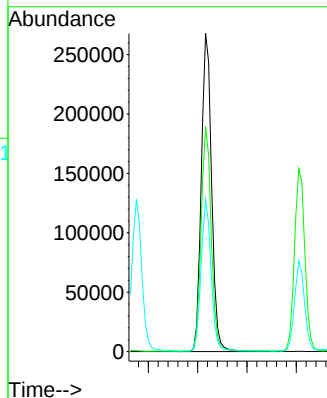
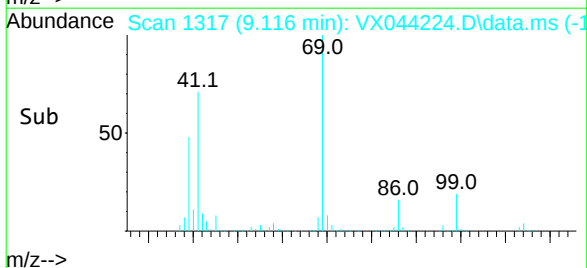
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

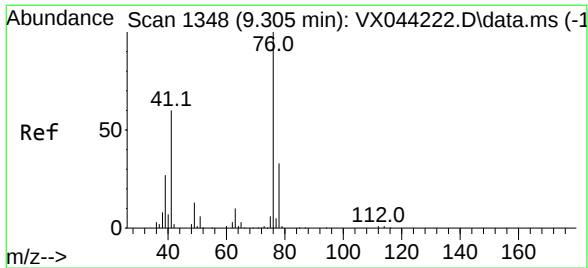


#56
Ethyl methacrylate
Concen: 166.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00



Tgt Ion: 69 Resp: 389165
Ion Ratio Lower Upper
69 100
41 69.4 56.6 85.0
39 46.2 37.4 56.0





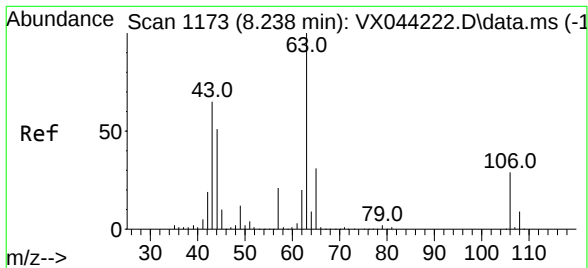
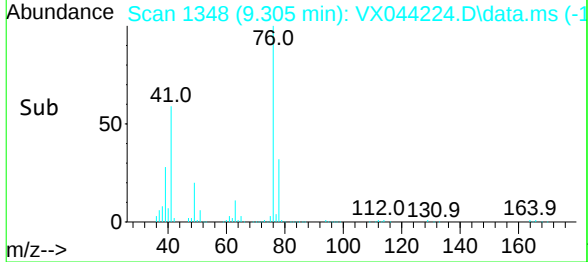
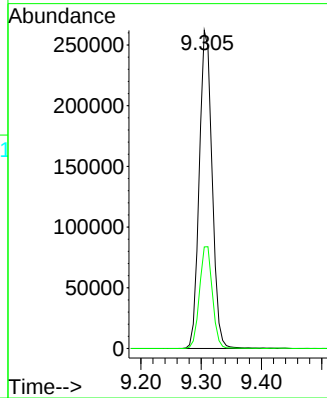
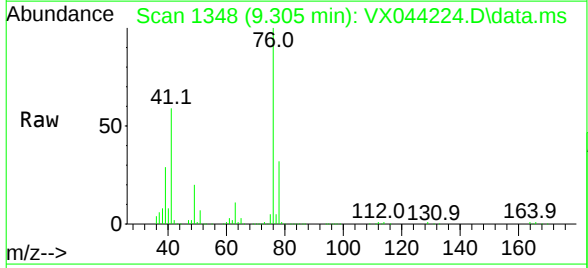
#57
1,3-Dichloropropane
Concen: 150.014 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 387086
Ion Ratio Lower Upper
76 100
78 32.2 26.5 39.7

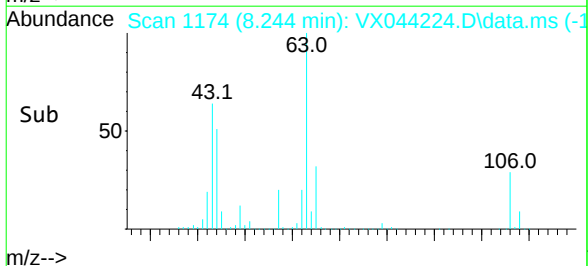
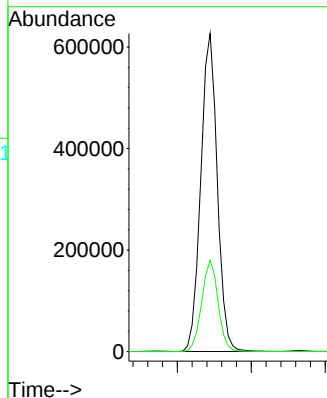
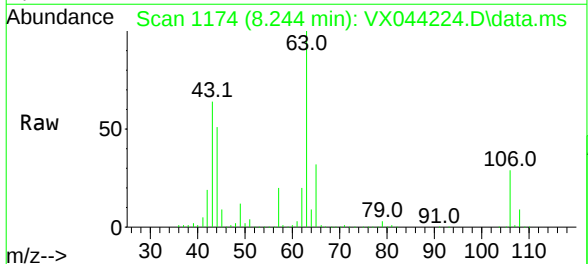
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 822.575 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 970949
Ion Ratio Lower Upper
63 100
106 28.5 22.8 34.2





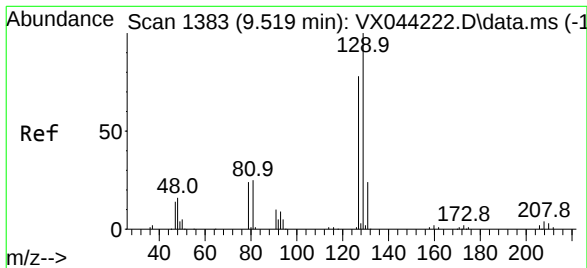
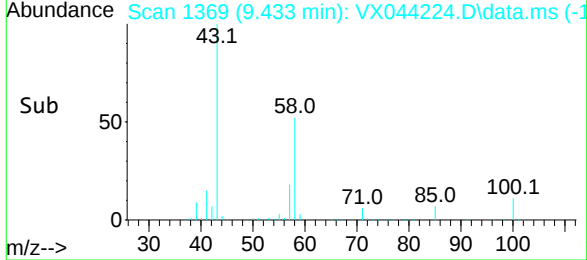
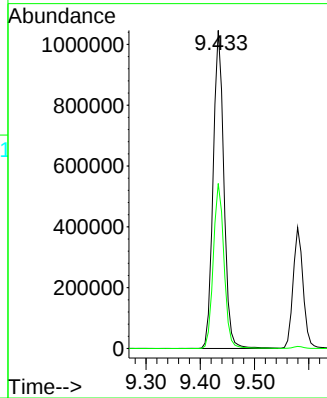
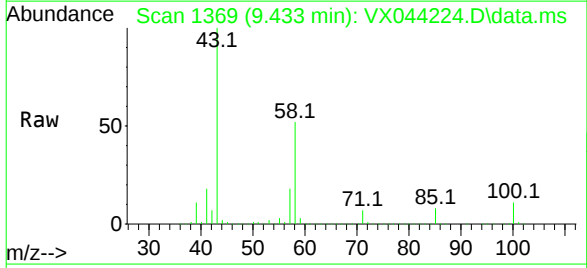
#59
2-Hexanone
Concen: 816.161 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1436300
Ion Ratio Lower Upper
43 100
58 52.0 25.7 77.0

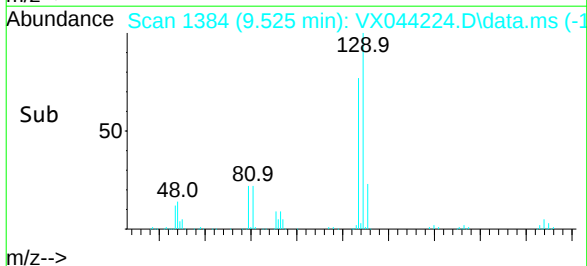
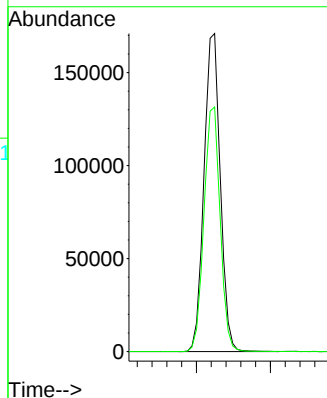
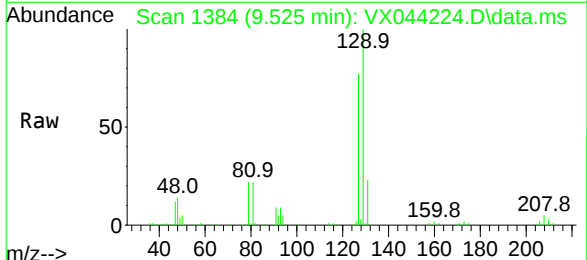
Manual Integrations
APPROVED

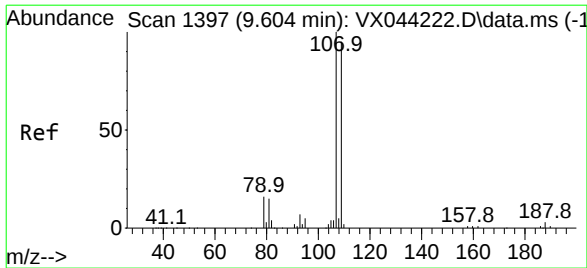
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 150.105 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:129 Resp: 261253
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





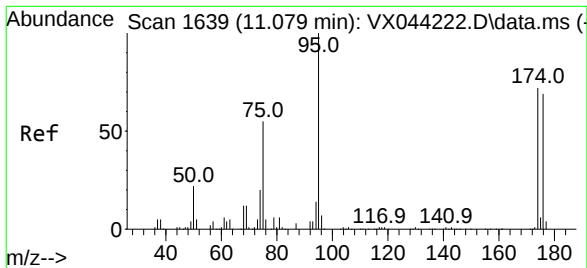
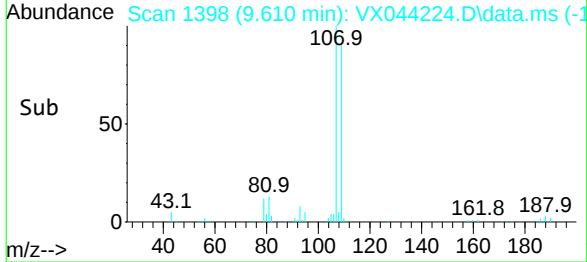
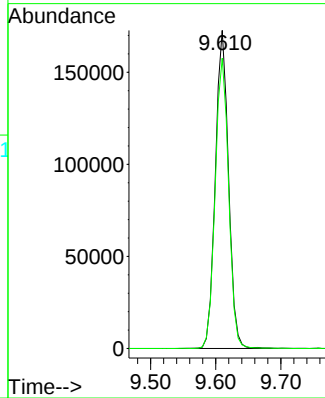
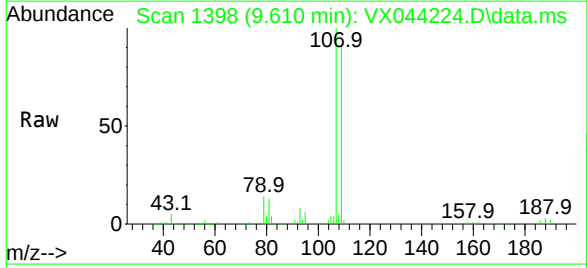
#61
1,2-Dibromoethane
Concen: 160.674 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 242451
Ion Ratio Lower Upper
107 100
109 93.4 77.0 115.4

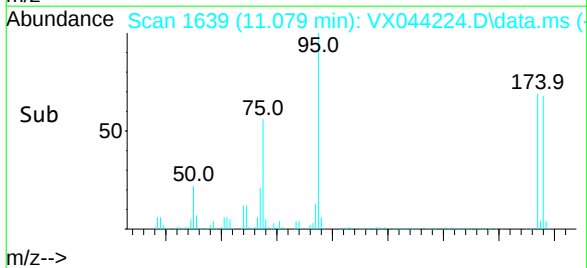
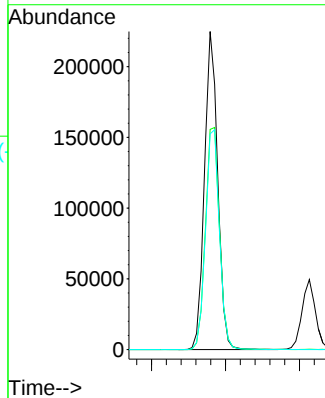
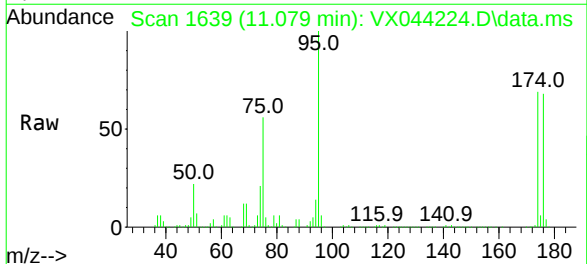
Manual Integrations
APPROVED

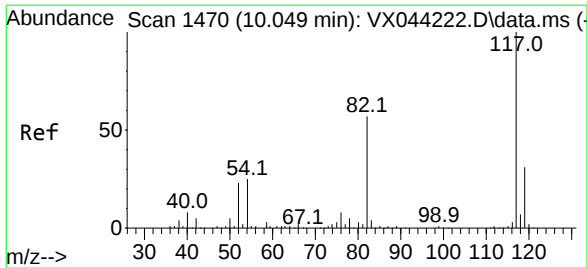
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#62
4-Bromofluorobenzene
Concen: 156.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 95 Resp: 279706
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.8
176 72.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

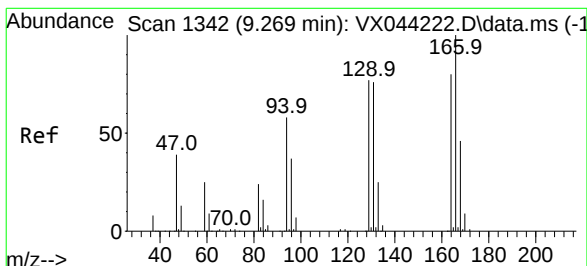
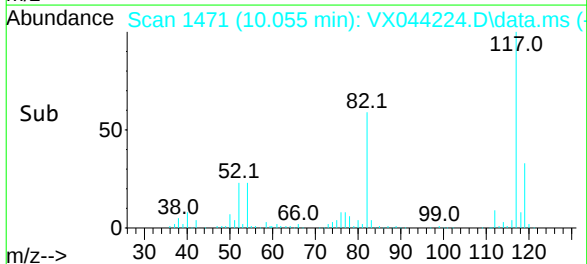
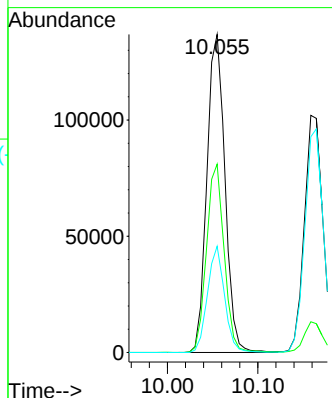
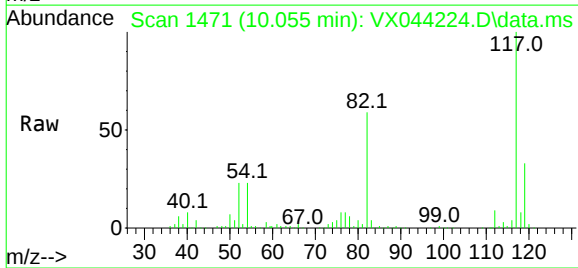
Tgt Ion:	117	Resp:	190013
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.8	68.8
119	33.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 147.836 ug/l

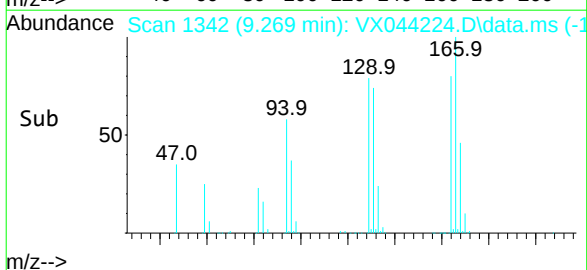
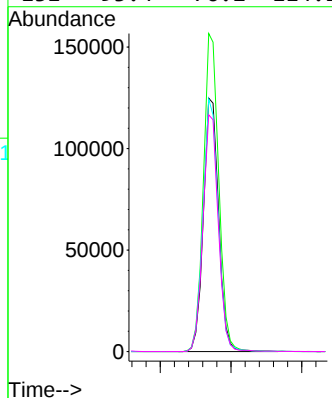
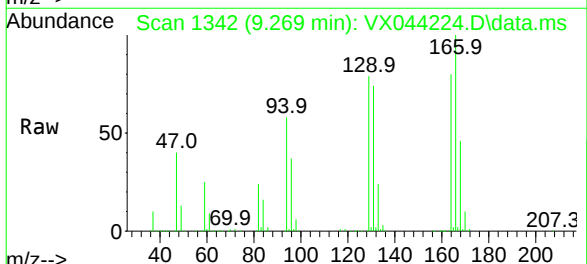
RT: 9.269 min Scan# 1342

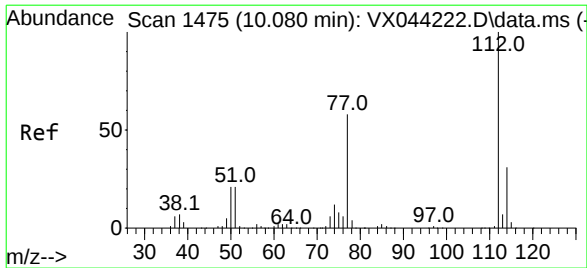
Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:	164	Resp:	186443
Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	99.7	77.2	115.8
131	93.4	76.2	114.2





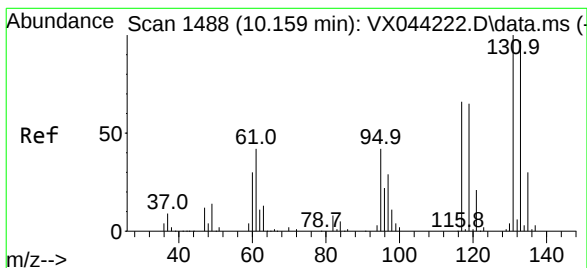
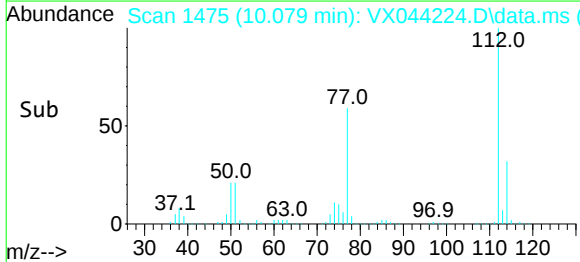
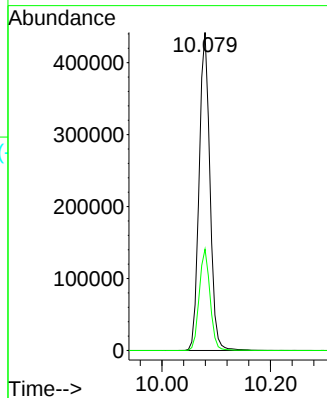
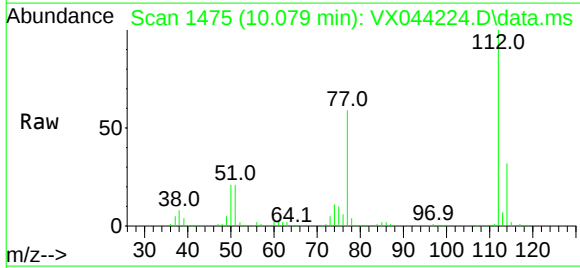
#65
Chlorobenzene
Concen: 149.428 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 608404
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6

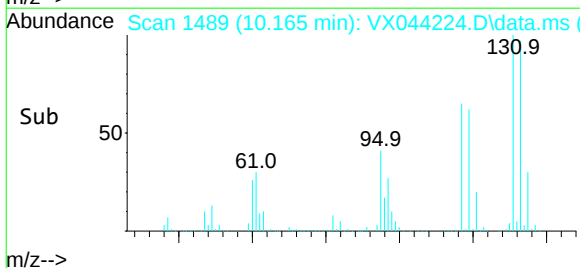
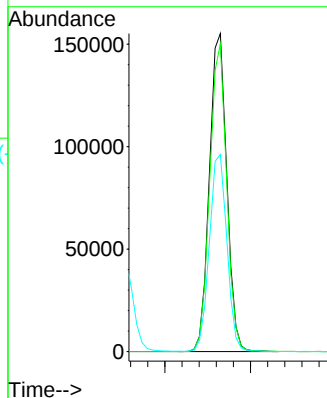
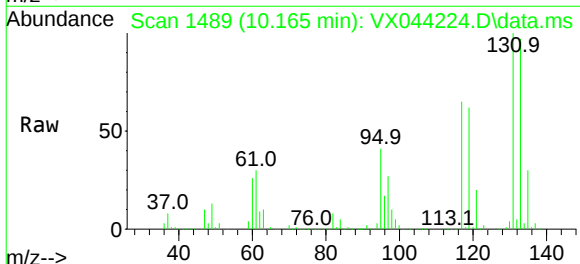
Manual Integrations
APPROVED

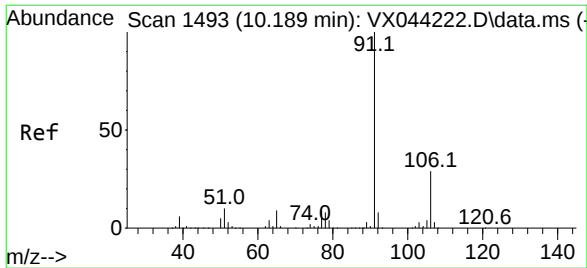
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 166.991 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

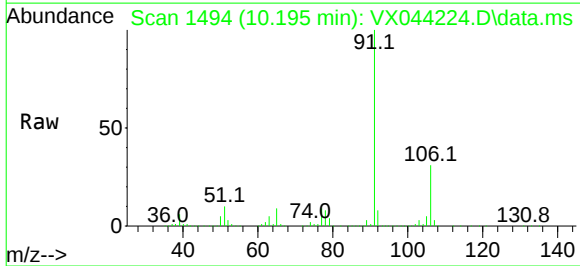
Tgt Ion:131 Resp: 218515
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 62.7 31.6 95.0





#67
Ethyl Benzene
Concen: 151.917 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

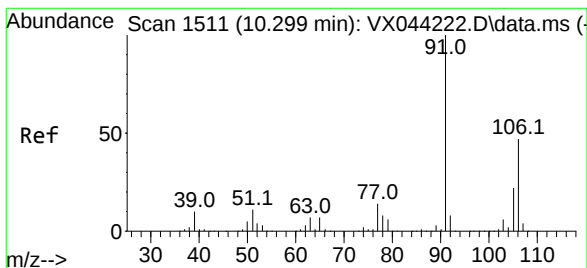
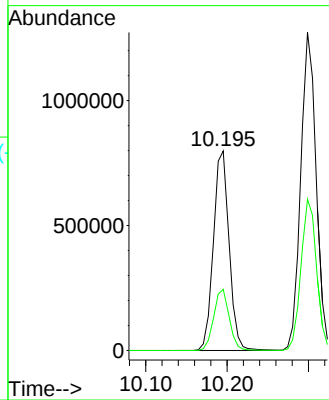
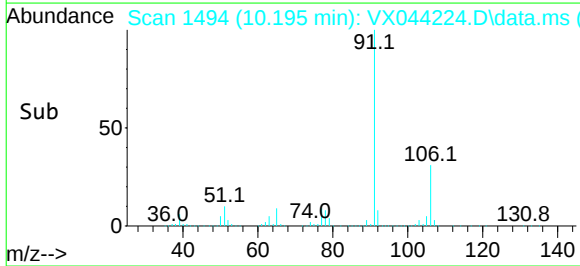
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 1068736
Ion Ratio Lower Upper
91 100
106 30.6 23.5 35.3

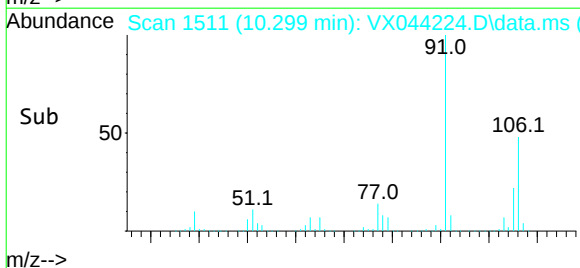
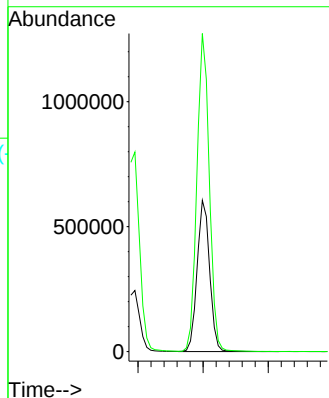
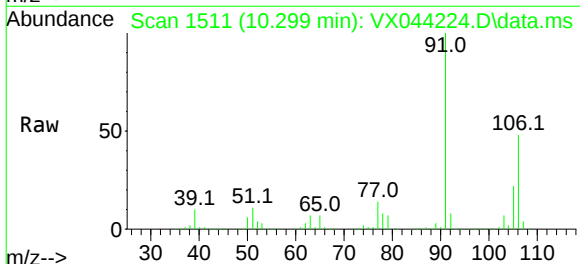
Manual Integrations
APPROVED

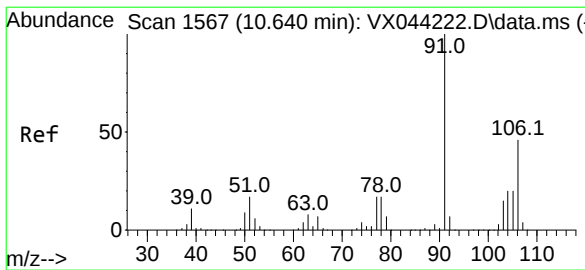
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#68
m/p-Xylenes
Concen: 312.254 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:106 Resp: 806058
Ion Ratio Lower Upper
106 100
91 208.8 170.2 255.2





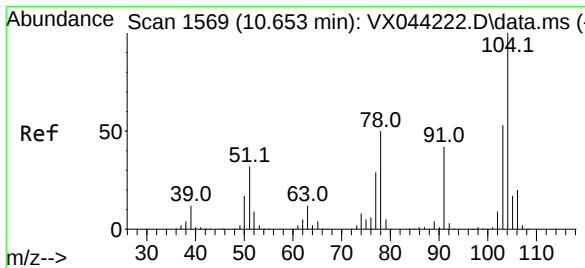
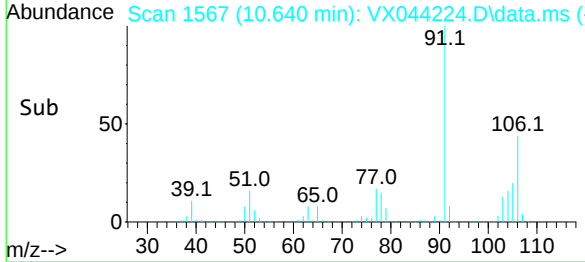
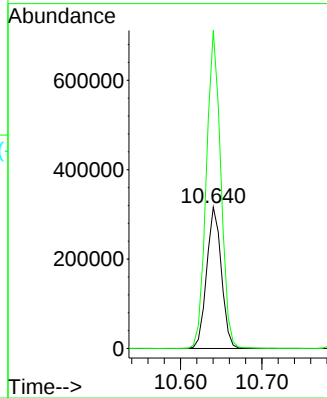
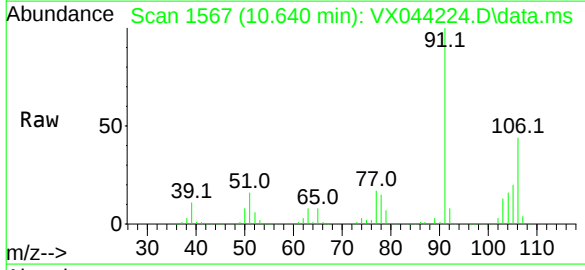
#69
o-Xylene
Concen: 152.030 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 397084
Ion Ratio Lower Upper
106 100
91 221.5 112.3 337.0

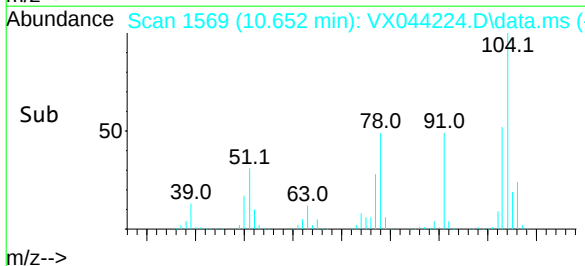
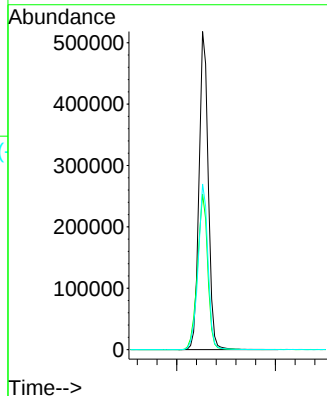
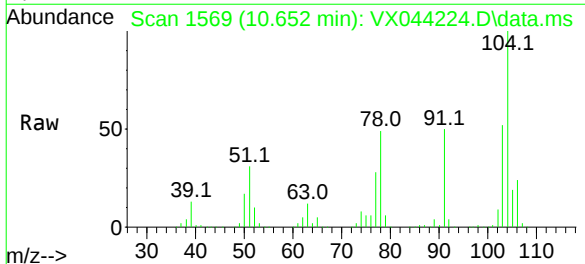
Manual Integrations
APPROVED

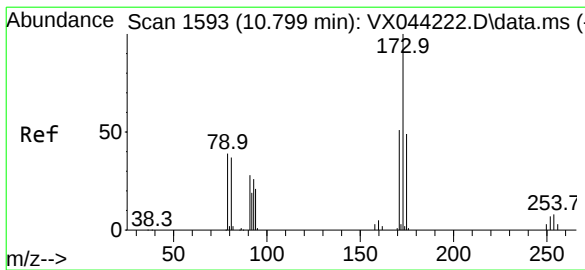
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#70
Styrene
Concen: 160.228 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:104 Resp: 670887
Ion Ratio Lower Upper
104 100
78 54.2 44.6 67.0
103 55.9 45.4 68.0





#71

Bromoform

Concen: 150.034 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

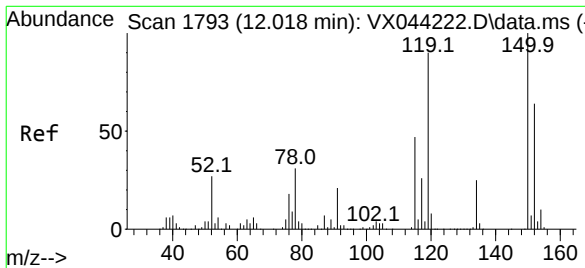
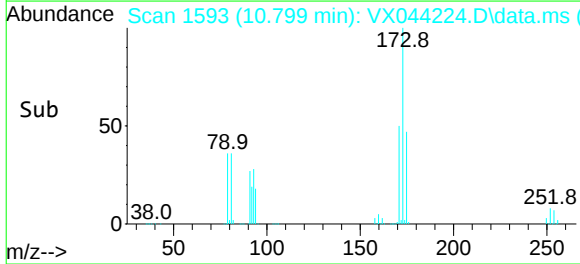
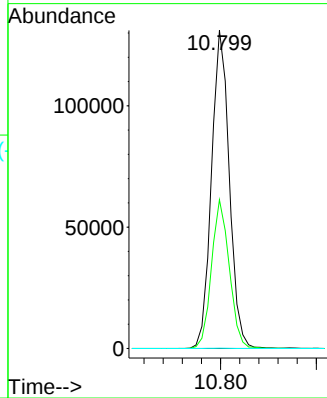
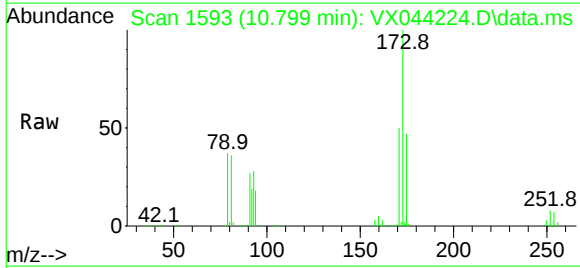
Tgt Ion:	173	Resp:	169450
Ion Ratio	Lower	Upper	
173	100		
175	46.8	23.8	71.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

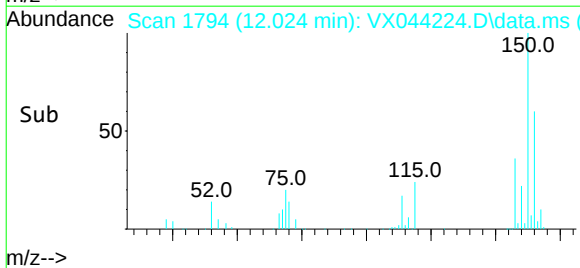
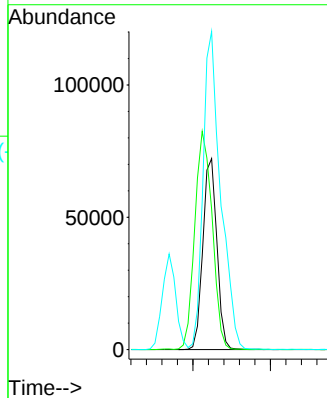
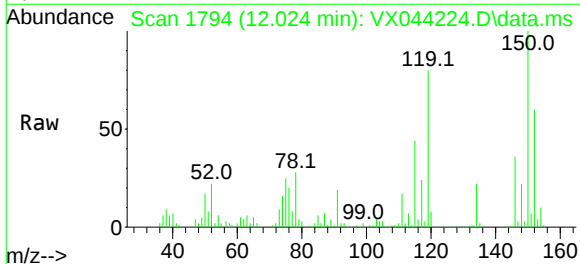
RT: 12.024 min Scan# 1794

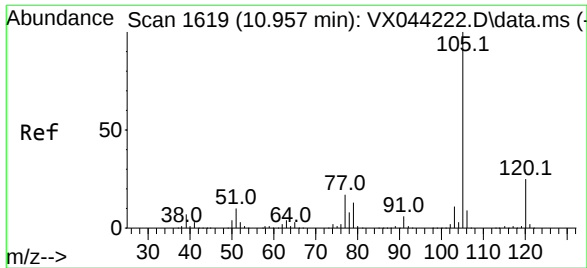
Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:	152	Resp:	90898
Ion Ratio	Lower	Upper	
152	100		
115	142.2	44.5	133.3
150	208.8	0.0	353.8





#73

Isopropylbenzene

Concen: 146.832 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1021749

Ion Ratio Lower Upper

105 100

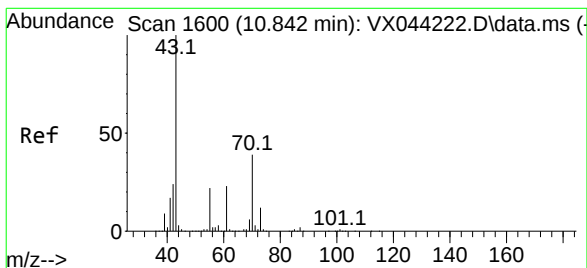
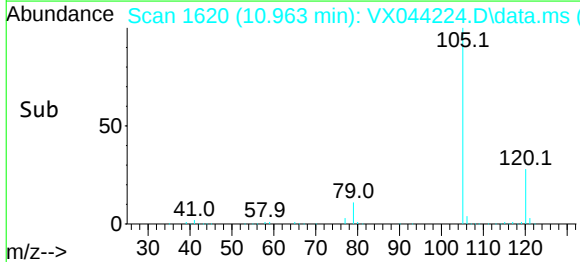
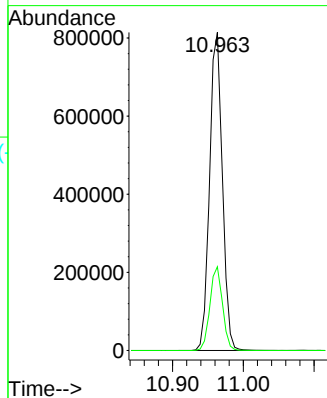
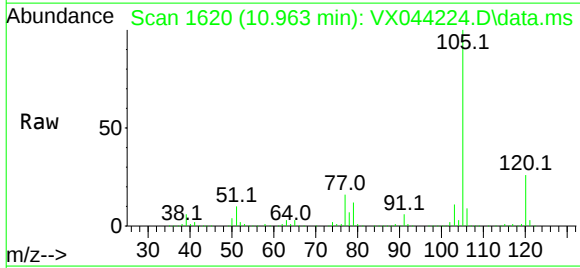
120 25.9 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 166.823 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 536496

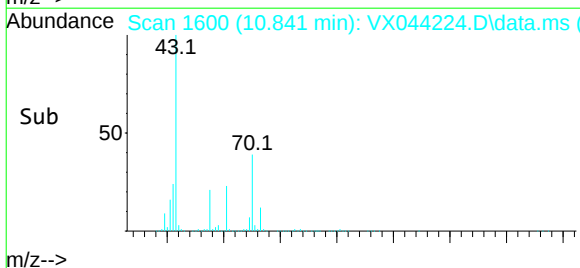
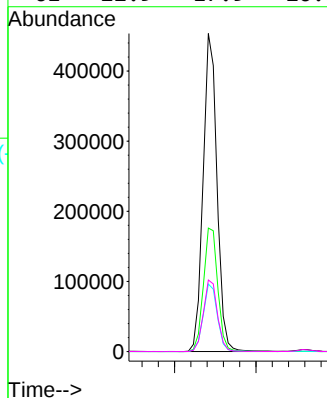
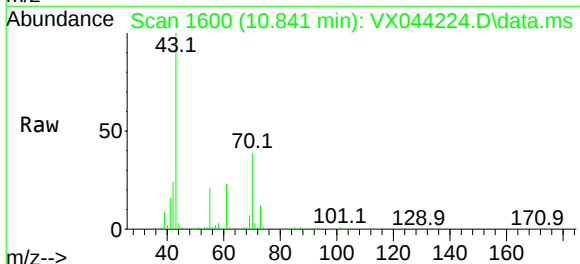
Ion Ratio Lower Upper

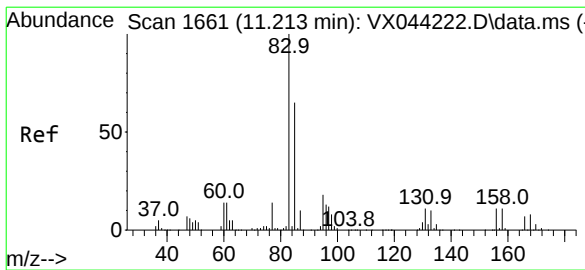
43 100

70 40.3 31.9 47.9

55 21.6 17.9 26.9

61 22.9 17.9 26.9





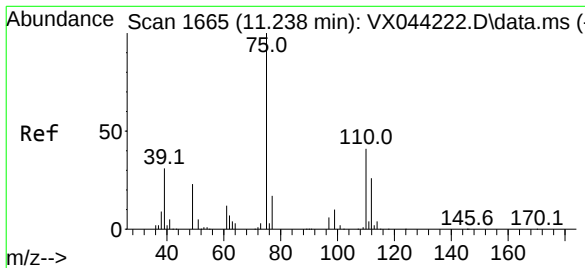
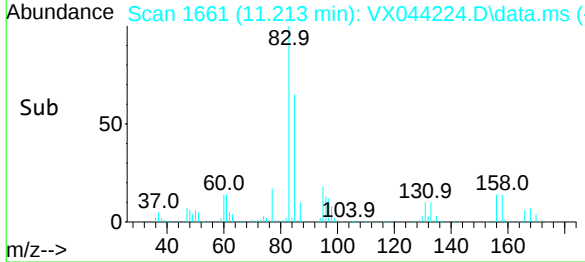
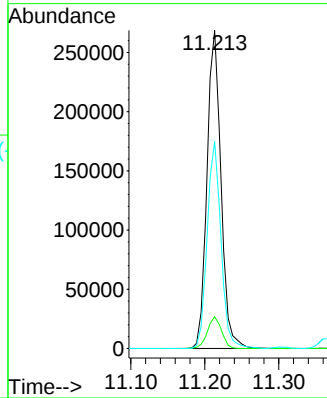
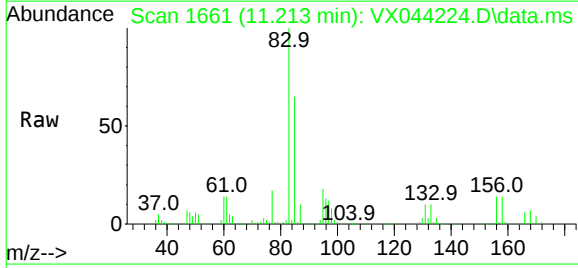
#75
1,1,2,2-Tetrachloroethane
Concen: 145.883 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 352591
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 64.4 32.5 97.4

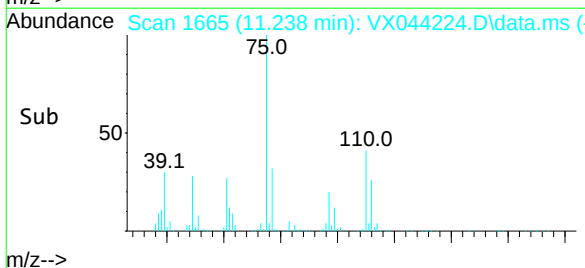
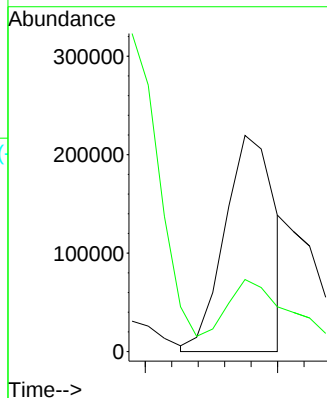
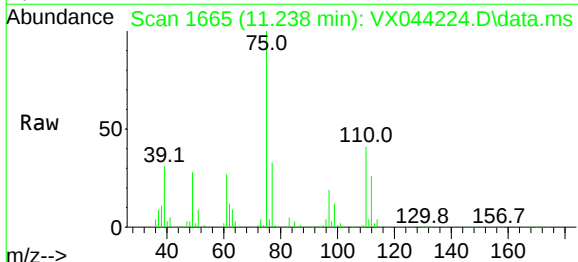
Manual Integrations
APPROVED

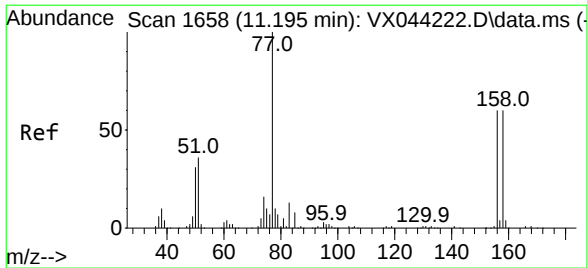
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 139.434 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 287602
Ion Ratio Lower Upper
75 100
77 45.2 20.9 62.7





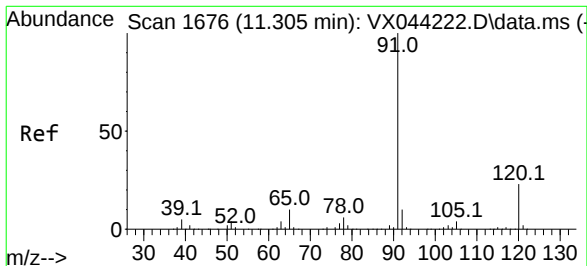
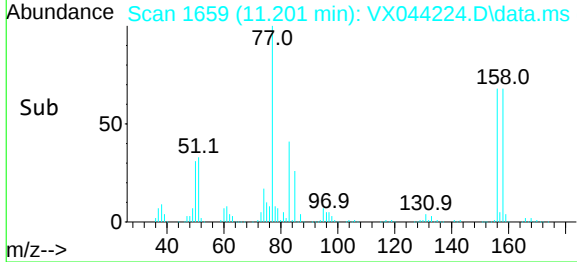
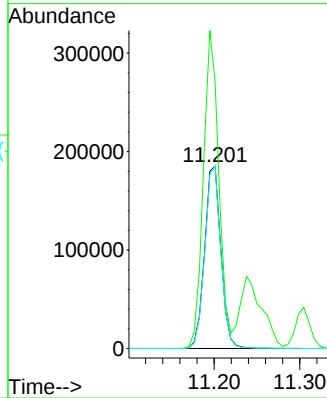
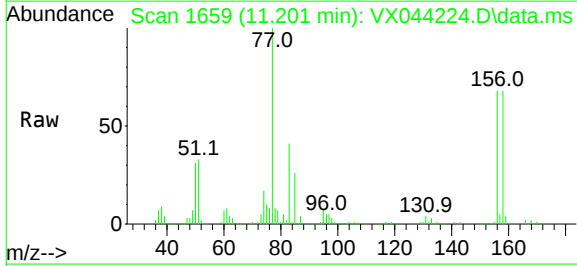
#77
Bromobenzene
Concen: 144.584 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:	156	Resp:	243975
Ion Ratio	Lower	Upper	
156	100		
77	165.5	82.6	247.8
158	98.2	48.8	146.4

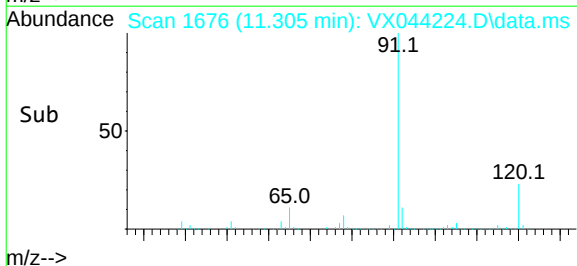
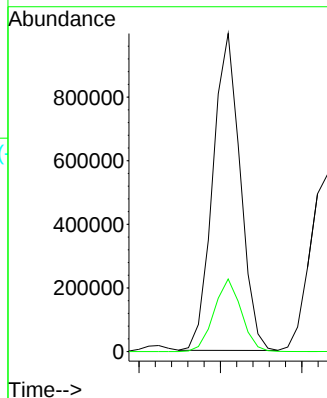
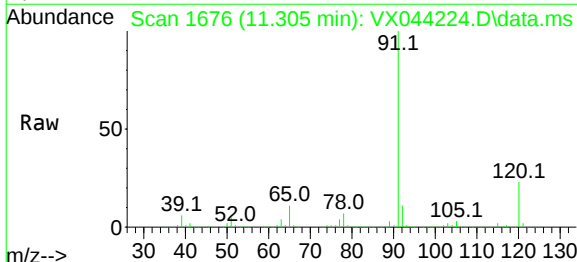
Manual Integrations
APPROVED

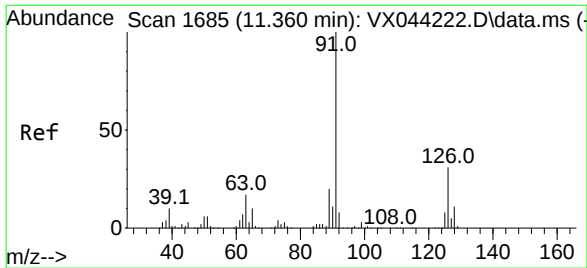
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 151.637 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:	91	Resp:	1166255
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.0	33.0





#79

2-Chlorotoluene

Concen: 140.866 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 700673

Ion Ratio Lower Upper

91 100

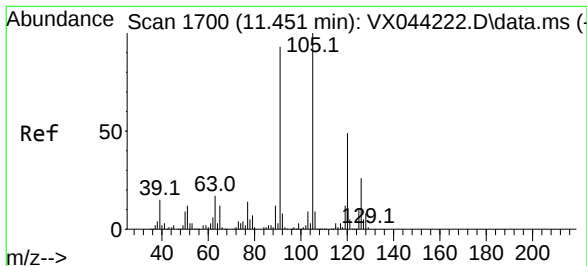
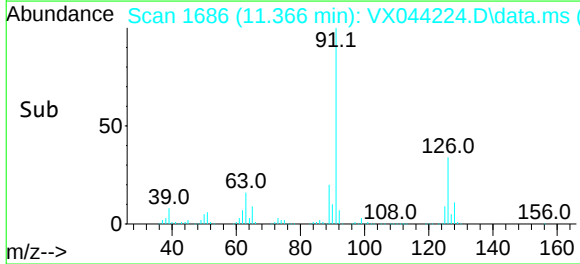
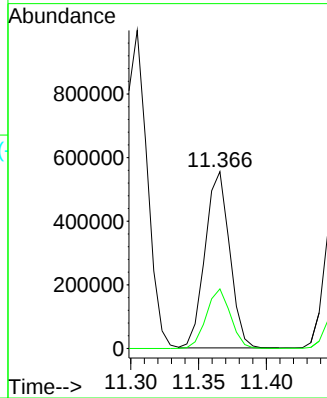
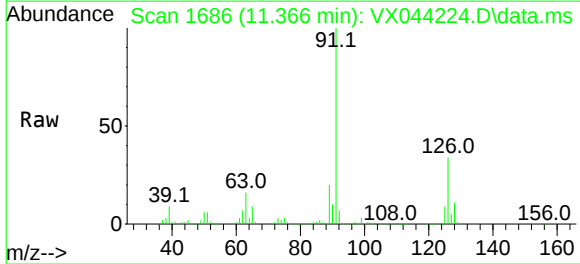
126 33.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 147.824 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044224.D

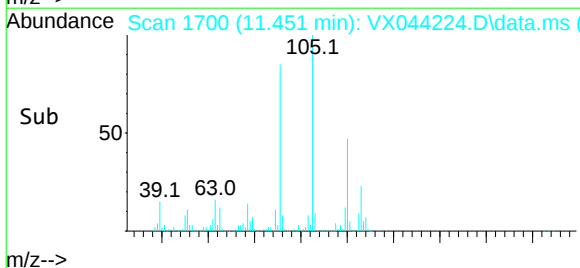
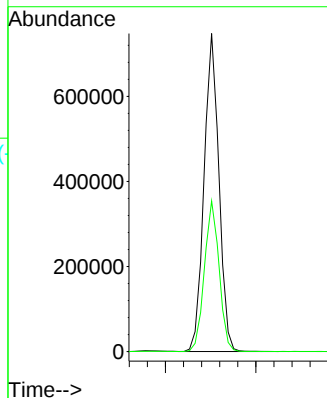
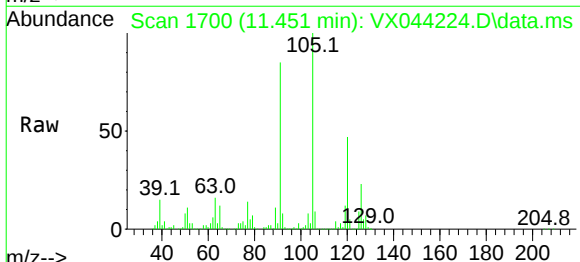
Acq: 11 Dec 2024 13:00

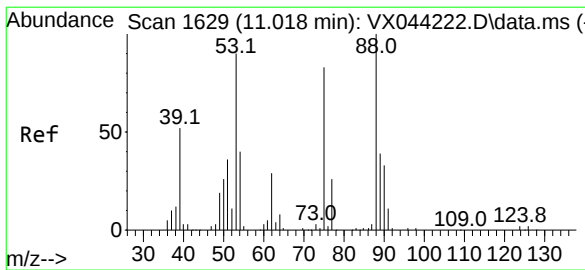
Tgt Ion:105 Resp: 853042

Ion Ratio Lower Upper

105 100

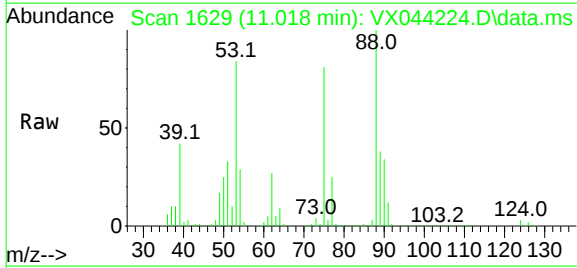
120 46.8 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 152.670 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

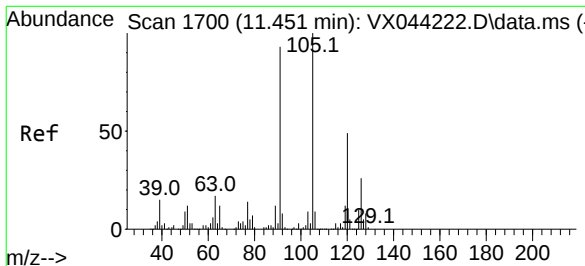
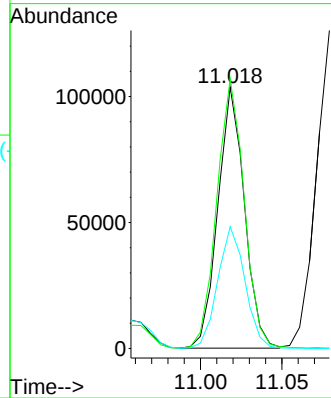
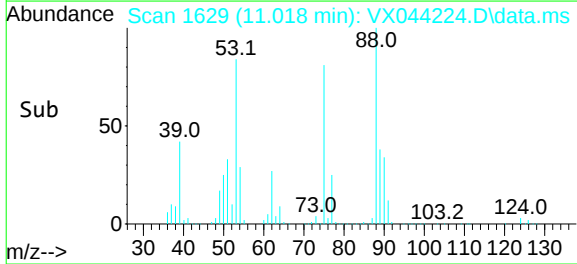
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 117263
Ion Ratio Lower Upper
75 100
53 107.3 93.6 140.4
89 48.2 37.3 55.9

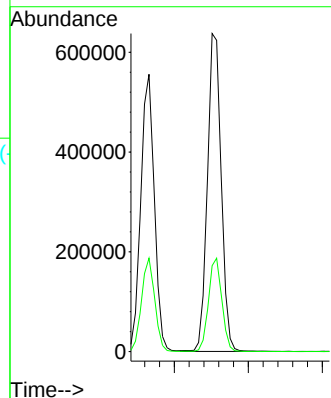
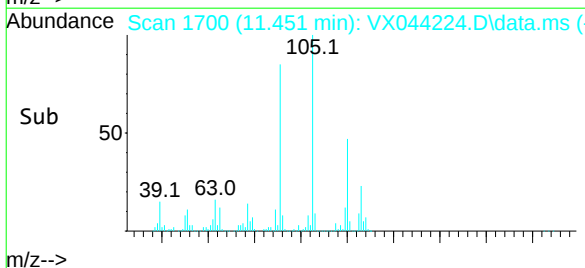
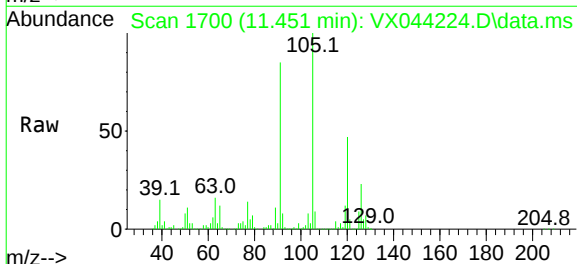
Manual Integrations
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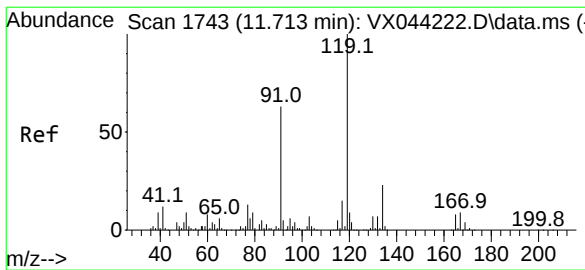
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 149.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 825278
Ion Ratio Lower Upper
91 100
126 28.5 14.5 43.5





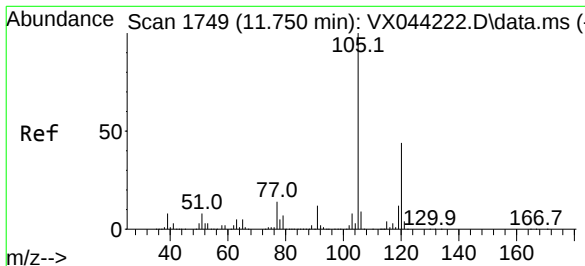
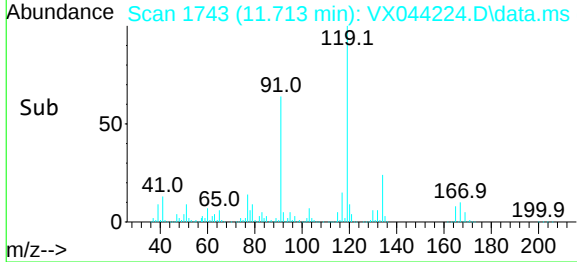
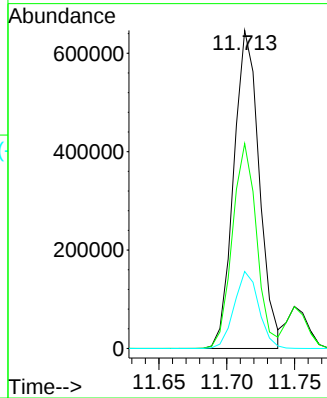
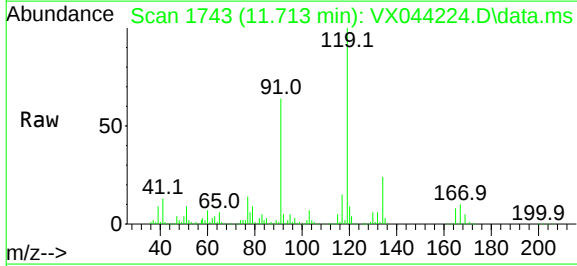
#83
tert-Butylbenzene
Concen: 148.495 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 846864
Ion Ratio Lower Upper
119 100
91 61.3 30.9 92.5
134 23.3 11.5 34.4

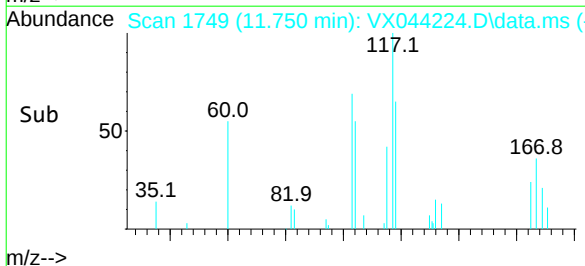
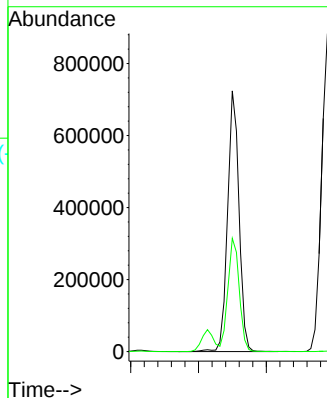
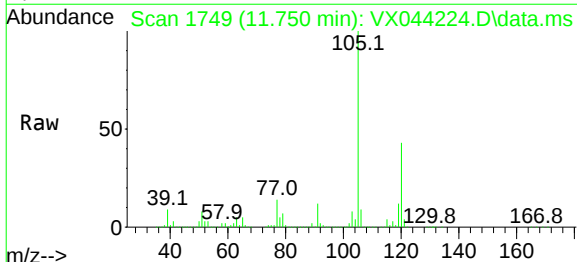
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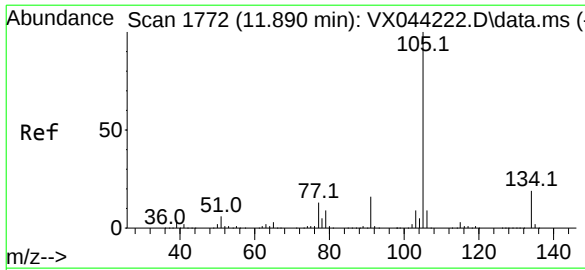
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 149.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 13:00

Tgt Ion:105 Resp: 846771
Ion Ratio Lower Upper
105 100
120 43.2 21.7 65.1





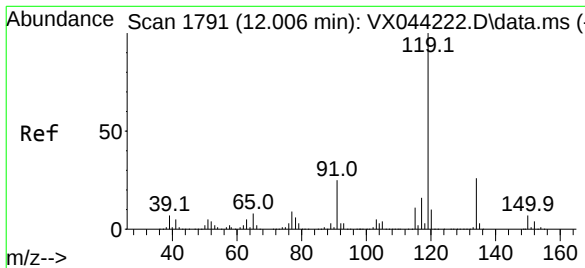
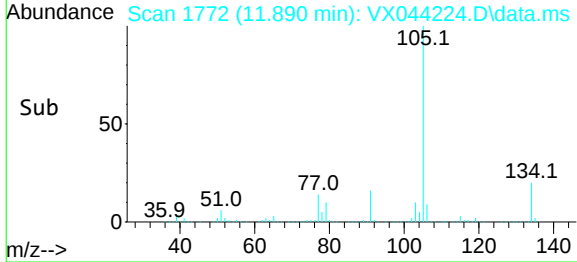
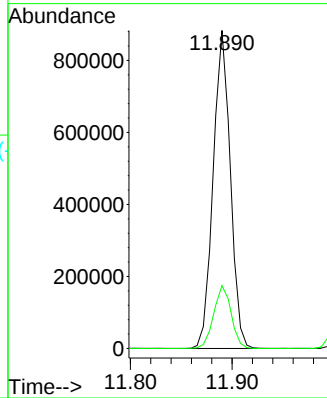
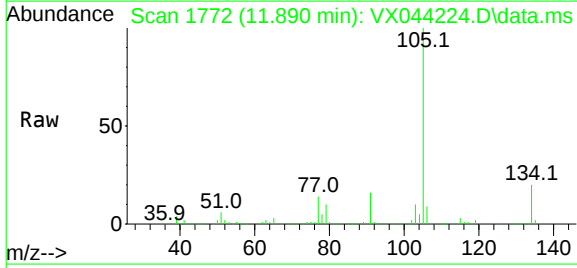
#85
sec-Butylbenzene
Concen: 149.409 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1034419
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.4

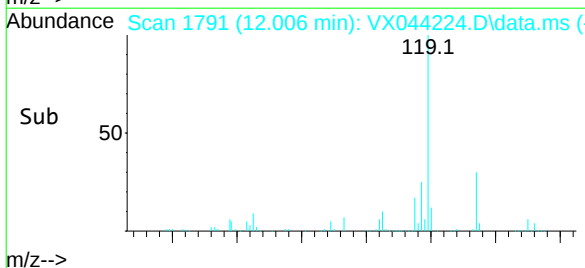
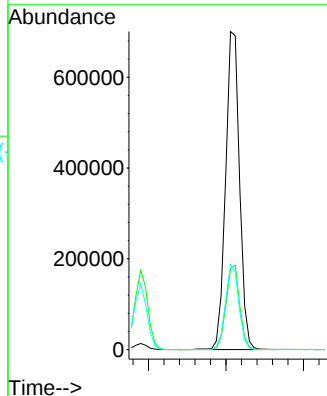
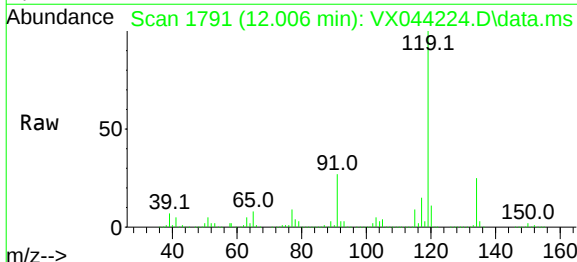
Manual Integrations
APPROVED

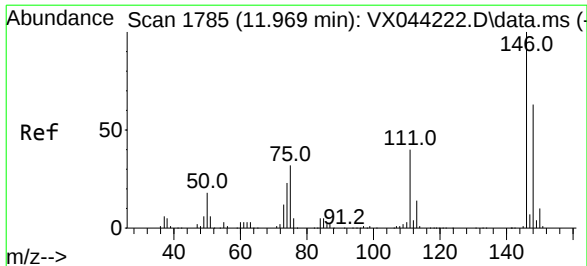
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#86
p-Isopropyltoluene
Concen: 151.944 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:119 Resp: 875562
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.4
91 25.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 150.575 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 443826

Ion Ratio Lower Upper

146 100

111 42.1 21.4 64.2

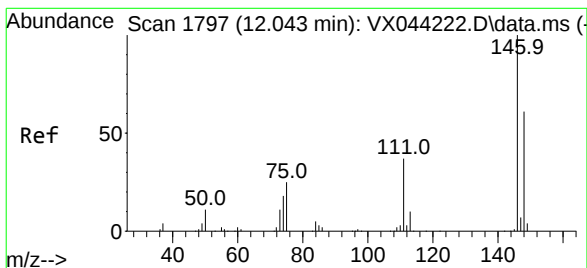
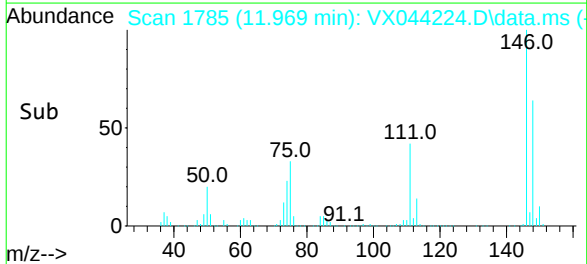
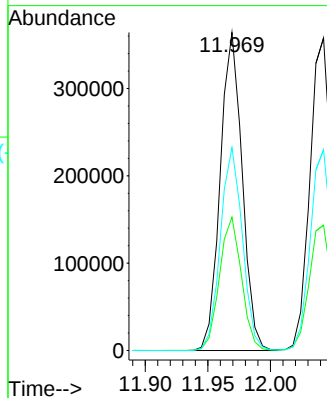
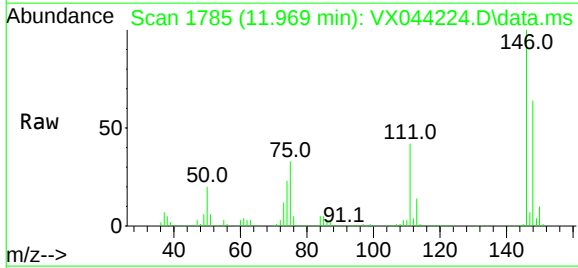
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 146.058 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

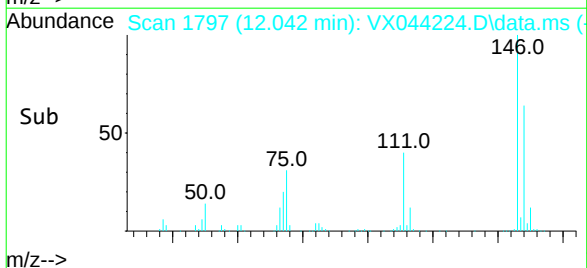
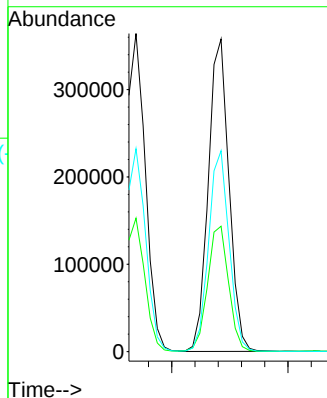
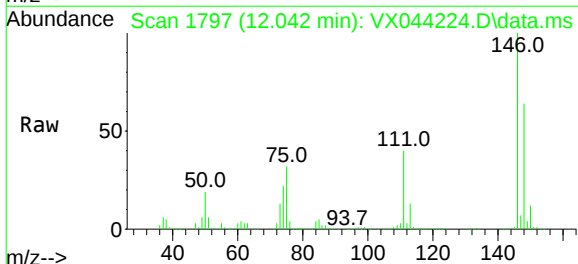
Tgt Ion:146 Resp: 442556

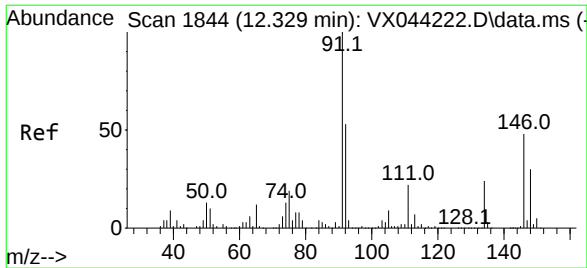
Ion Ratio Lower Upper

146 100

111 40.8 21.0 63.0

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 166.836 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 808399

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

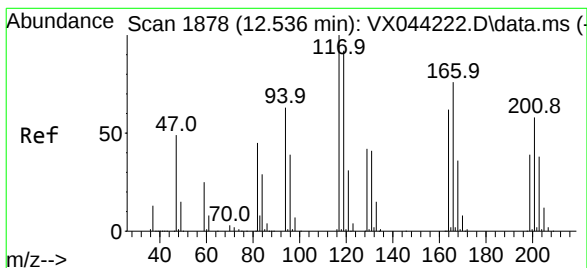
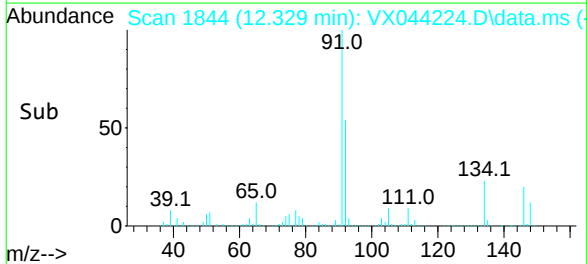
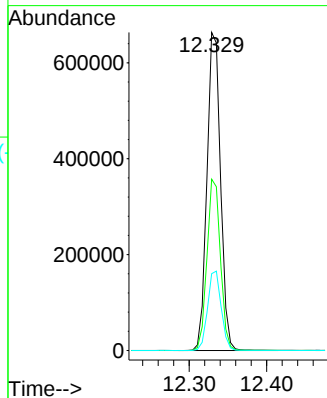
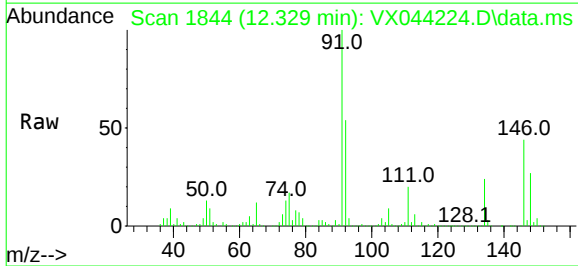
134 25.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 183.942 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044224.D

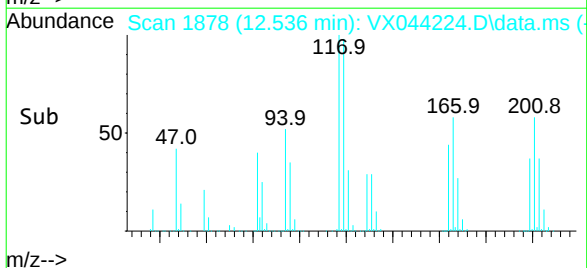
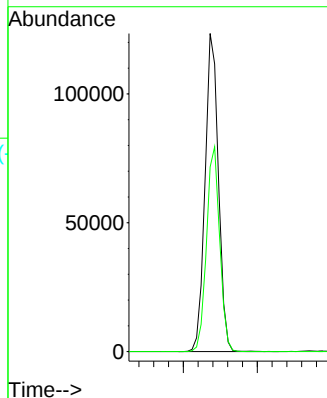
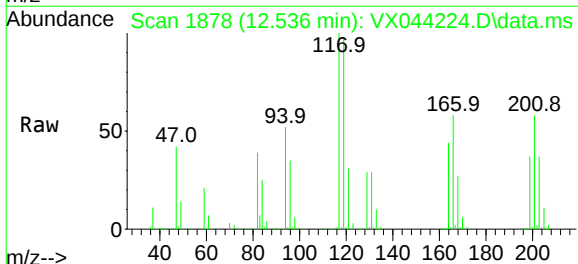
Acq: 11 Dec 2024 13:00

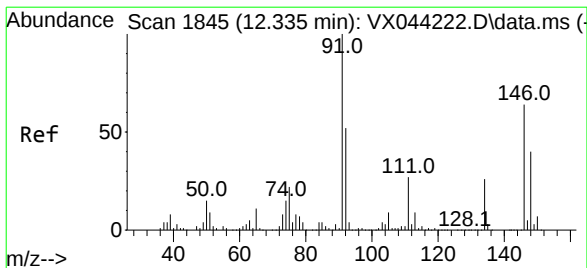
Tgt Ion:117 Resp: 154726

Ion Ratio Lower Upper

117 100

201 63.5 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 146.357 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 447931

Ion Ratio Lower Upper

146 100

111 43.7 21.4 64.3

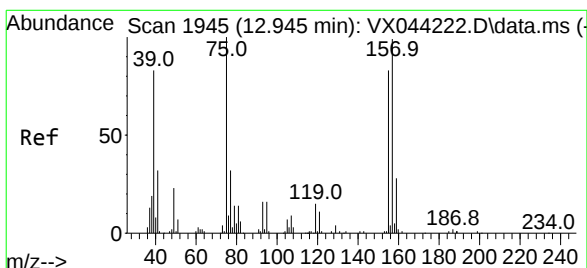
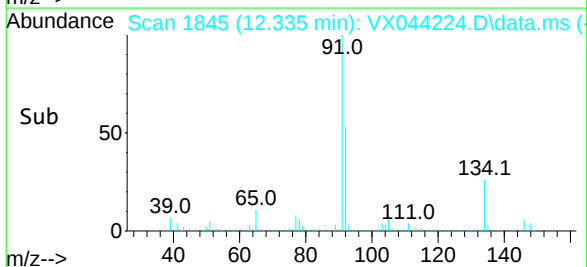
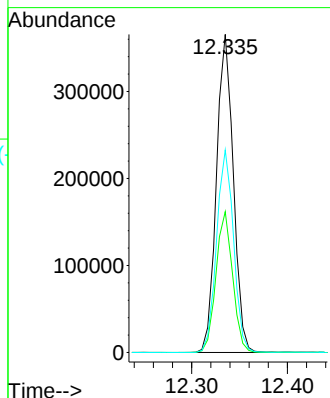
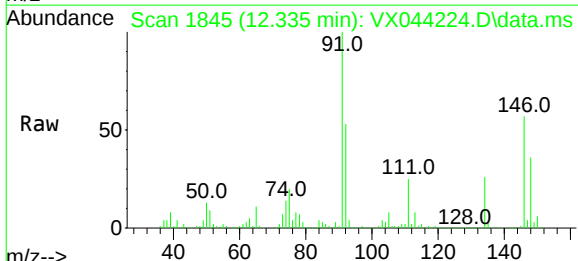
148 64.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 178.106 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

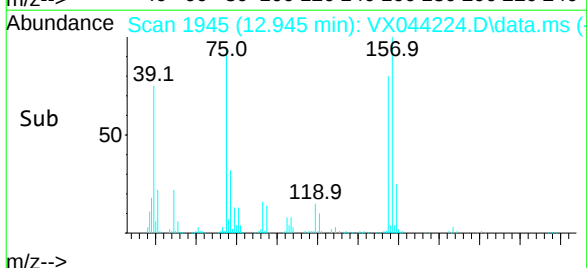
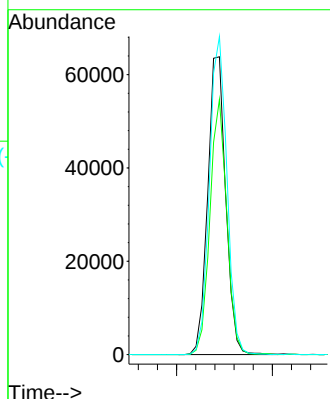
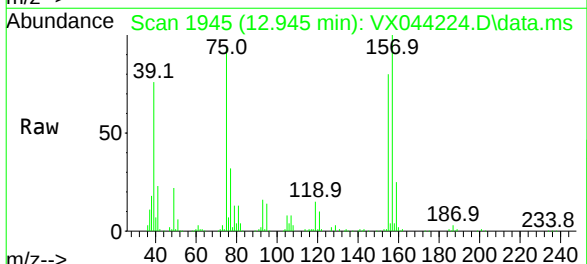
Tgt Ion: 75 Resp: 83565

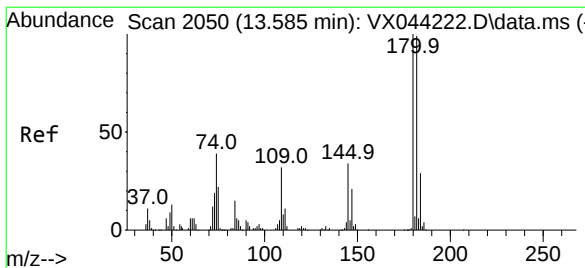
Ion Ratio Lower Upper

75 100

155 79.8 38.1 114.3

157 103.3 47.2 141.6





#93

1,2,4-Trichlorobenzene

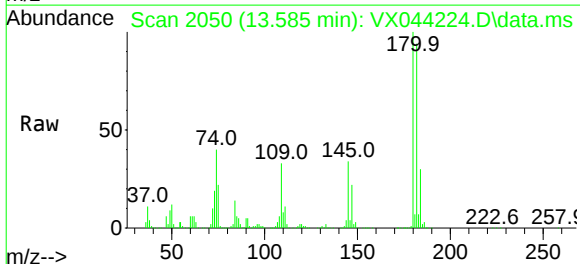
Concen: 171.952 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00



Tgt Ion:	180	Resp:	288519
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.0	144.2
145	33.0	16.6	49.7

Instrument :

MSVOA_X

ClientSampleId :

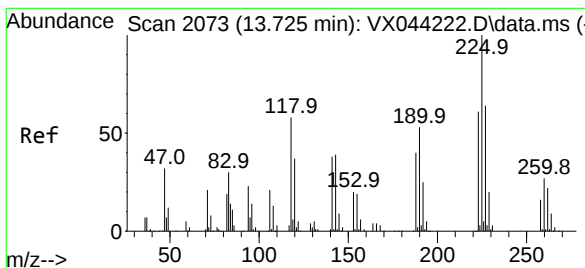
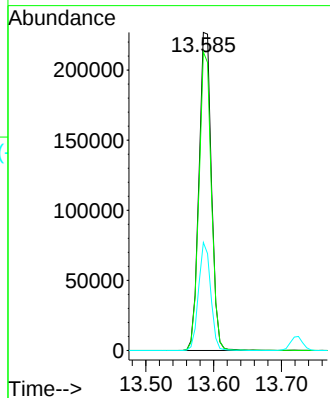
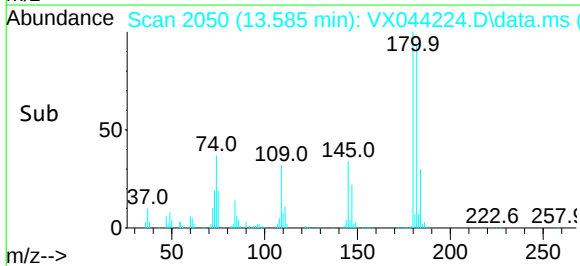
VSTDICC150

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

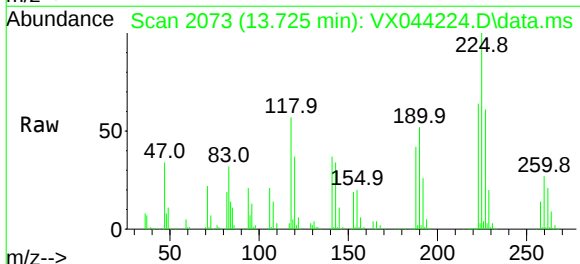
Concen: 154.036 ug/l

RT: 13.725 min Scan# 2073

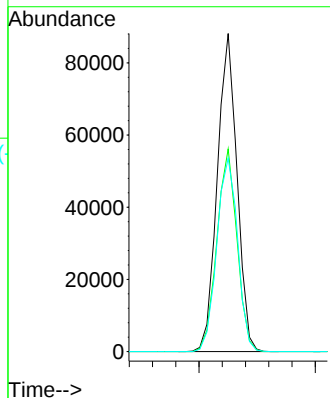
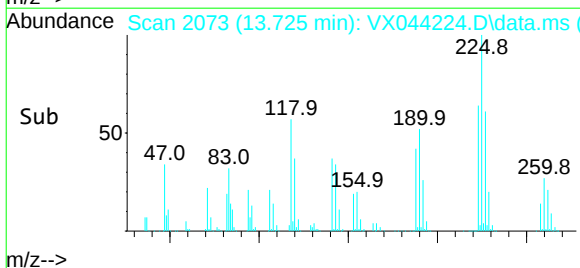
Delta R.T. -0.000 min

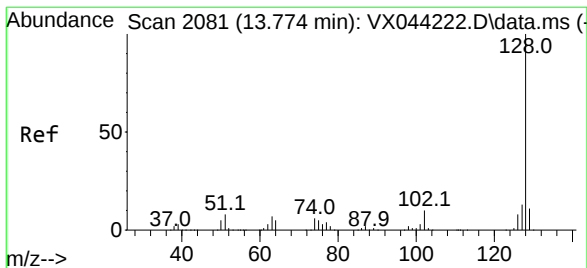
Lab File: VX044224.D

Acq: 11 Dec 2024 13:00



Tgt Ion:	225	Resp:	103961
Ion Ratio	Lower	Upper	
225	100		
223	64.7	30.8	92.4
227	64.0	32.1	96.3





#95

Naphthalene

Concen: 167.187 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 1094997

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

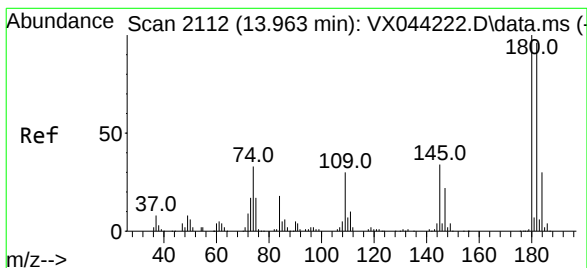
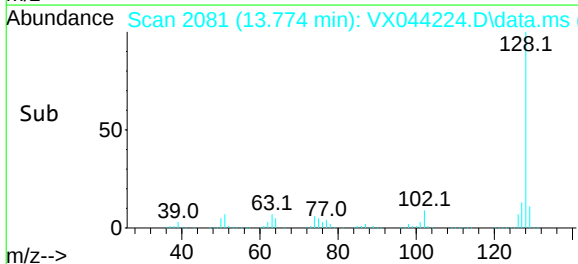
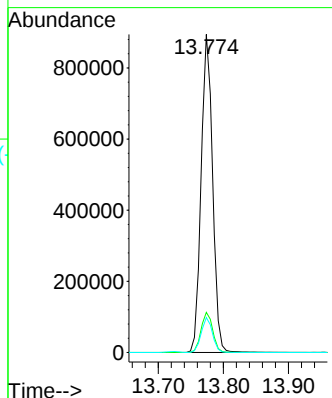
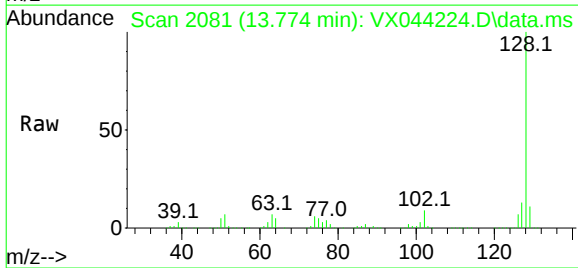
129 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 165.064 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:180 Resp: 293760

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 34.9 17.7 53.1

