

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044220.D
 Acq On : 11 Dec 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 12 04:13:18 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	5.544	168	139609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13043	5.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.660%#		
35) Dibromofluoromethane	5.385	113	9145	5.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#		
50) Toluene-d8	8.647	98	29732	4.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.840%#		
62) 4-Bromofluorobenzene	11.079	95	10101	4.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10452	4.842	ug/l	91
3) Chloromethane	1.294	50	10429	5.052	ug/l	95
4) Vinyl Chloride	1.374	62	11031	5.129	ug/l	98
5) Bromomethane	1.593	94	8237	5.399	ug/l	92
6) Chloroethane	1.660	64	7253	5.416	ug/l	96
7) Trichlorofluoromethane	1.868	101	21207	5.037	ug/l	91
8) Diethyl Ether	2.136	74	7199	5.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	8766	5.145	ug/l	97
10) Methyl Iodide	2.447	142	11066	4.928	ug/l	97
11) Tert butyl alcohol	2.995	59	7159m	20.785	ug/l	
12) 1,1-Dichloroethene	2.306	96	7822	4.999	ug/l	95
13) Acrolein	2.239	56	12521	25.073	ug/l	100
14) Allyl chloride	2.654	41	12490	4.792	ug/l	94
15) Acrylonitrile	3.069	53	23276	24.357	ug/l	99
16) Acetone	2.392	43	24645	24.696	ug/l	93
17) Carbon Disulfide	2.495	76	12169	4.091	ug/l	99
18) Methyl Acetate	2.709	43	12412	4.824	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	30546	5.002	ug/l	94
20) Methylene Chloride	2.782	84	9466	5.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	7768	4.671	ug/l	97
22) Diisopropyl ether	3.764	45	29518	5.029	ug/l #	73
23) Vinyl Acetate	3.721	43	109670	22.983	ug/l	96
24) 1,1-Dichloroethane	3.605	63	16370	5.004	ug/l	96
25) 2-Butanone	4.574	43	34245	24.138	ug/l	97
26) 2,2-Dichloropropane	4.471	77	12514	4.708	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10292	4.873	ug/l	97
28) Bromochloromethane	4.897	49	8049	5.017	ug/l #	93
29) Tetrahydrofuran	5.019	42	24307	26.693	ug/l	94
30) Chloroform	5.093	83	18319	4.984	ug/l	93
31) Cyclohexane	5.464	56	12995	4.919	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	14231	4.664	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11455	4.942	ug/l	94
37) Ethyl Acetate	4.727	43	13265	4.630	ug/l	97
38) Carbon Tetrachloride	5.666	117	11476	4.599	ug/l	96
39) Methylcyclohexane	7.373	83	13019	4.699	ug/l #	85
40) Benzene	6.037	78	35018	4.976	ug/l	98

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	7585	4.986	ug/l	93
42) 1,2-Dichloroethane	6.092	62	14419	4.974	ug/l	99
43) Isopropyl Acetate	6.354	43	22098	4.935	ug/l	98
44) Trichloroethene	7.123	130	8405	4.790	ug/l	100
45) 1,2-Dichloropropane	7.434	63	8932	4.968	ug/l	94
46) Dibromomethane	7.586	93	6915	4.958	ug/l	99
47) Bromodichloromethane	7.824	83	10646	4.420	ug/l #	98
48) Methyl methacrylate	7.702	41	9586	4.410	ug/l	97
49) 1,4-Dioxane	7.671	88	3545m	95.429	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	71285	24.759	ug/l	98
52) Toluene	8.720	92	21486	4.862	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9232	4.665	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	11404	4.348	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8590	4.893	ug/l	97
56) Ethyl methacrylate	9.122	69	11854	4.277	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	15352	5.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	34738	24.852	ug/l	99
59) 2-Hexanone	9.433	43	50003	23.994	ug/l	96
60) Dibromochloromethane	9.519	129	6411	4.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	8330	4.662	ug/l	97
64) Tetrachloroethene	9.275	164	7710	5.334	ug/l #	87
65) Chlorobenzene	10.079	112	23268	4.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6647	4.432	ug/l	94
67) Ethyl Benzene	10.195	91	39326	4.877	ug/l	97
68) m/p-Xylenes	10.299	106	28758	9.720	ug/l	98
69) o-Xylene	10.640	106	14864	4.965	ug/l	97
70) Styrene	10.659	104	22191	4.624	ug/l	98
71) Bromoform	10.799	173	3775	5.118	ug/l #	98
73) Isopropylbenzene	10.963	105	37843	5.194	ug/l	98
74) N-amyl acetate	10.842	43	15418	4.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12848	5.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	10236m	4.740	ug/l	
77) Bromobenzene	11.201	156	8892	5.033	ug/l	99
78) n-propylbenzene	11.305	91	40574	5.038	ug/l	96
79) 2-Chlorotoluene	11.366	91	27096	5.203	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30665	5.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	2249	8.273	ug/l #	62
82) 4-Chlorotoluene	11.457	91	29039	5.035	ug/l	99
83) tert-Butylbenzene	11.713	119	29283	4.904	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	30970	5.219	ug/l	99
85) sec-Butylbenzene	11.890	105	35670	4.921	ug/l	98
86) p-Isopropyltoluene	12.006	119	29132	4.828	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15553	5.039	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	15609	4.920	ug/l	95
89) n-Butylbenzene	12.335	91	22719	4.478	ug/l	98
90) Hexachloroethane	12.536	117	3765	4.275	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	15858	4.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2154	4.385	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	7867	4.478	ug/l	96
94) Hexachlorobutadiene	13.725	225	3321	4.700	ug/l	93
95) Naphthalene	13.780	128	31842	4.643	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8422	4.520	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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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

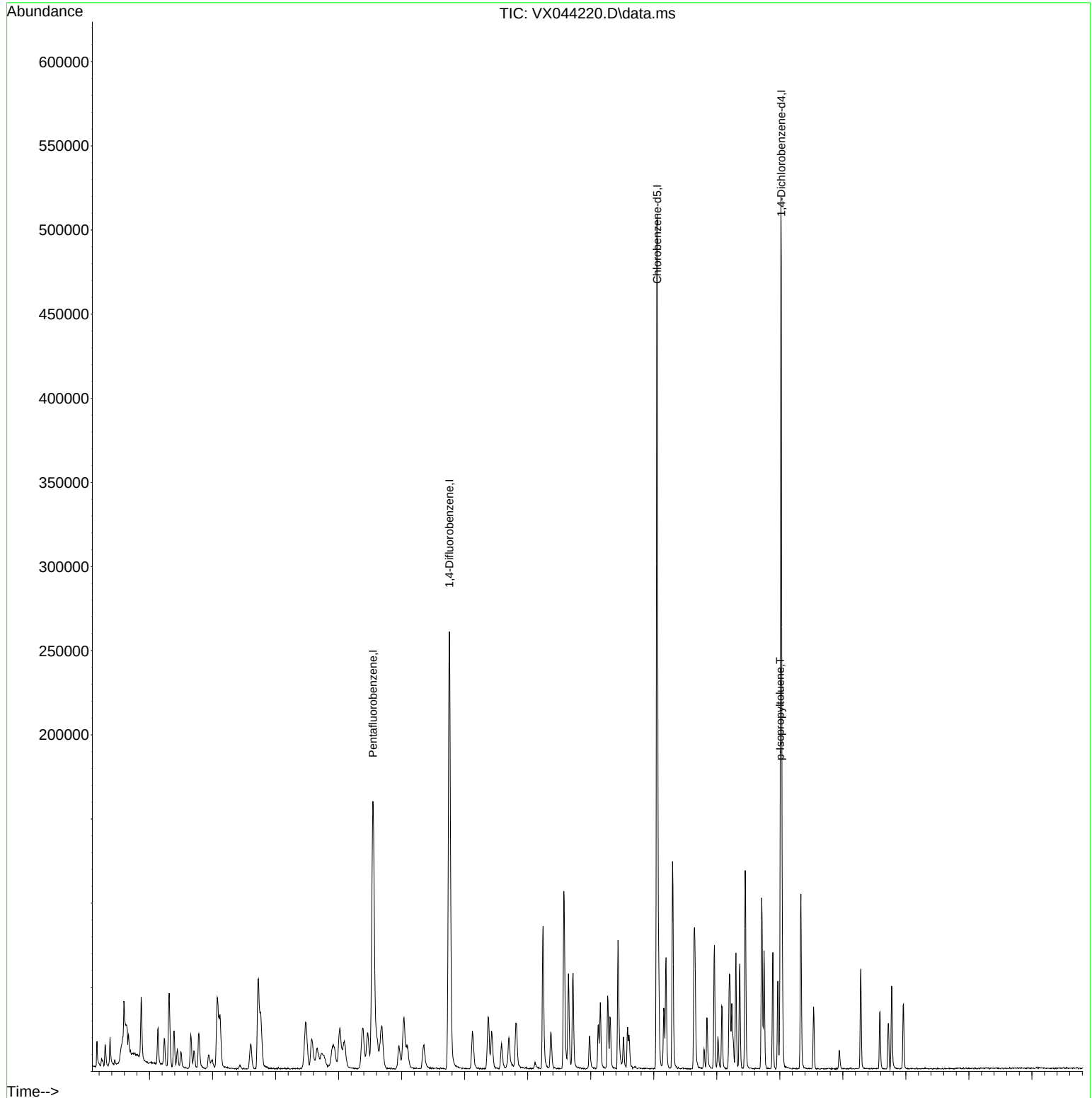
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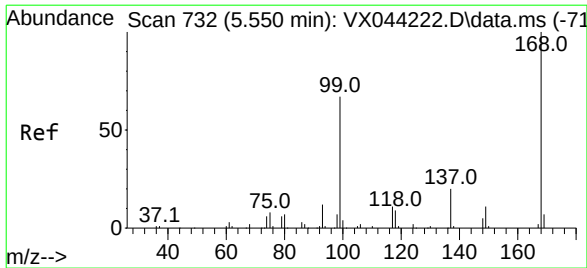
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Dec 12 04:13:18 2024
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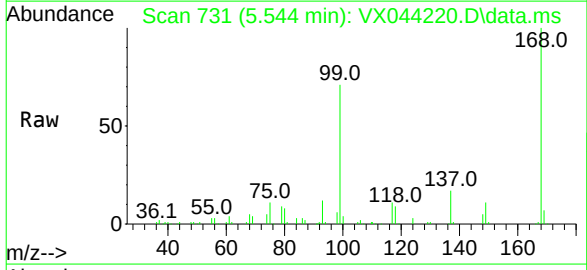
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

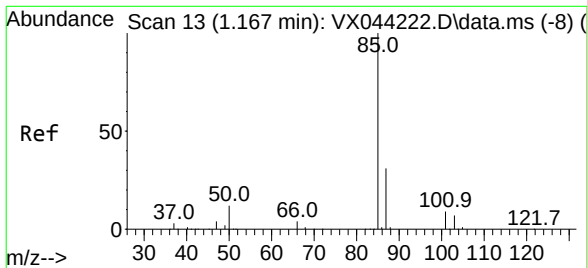
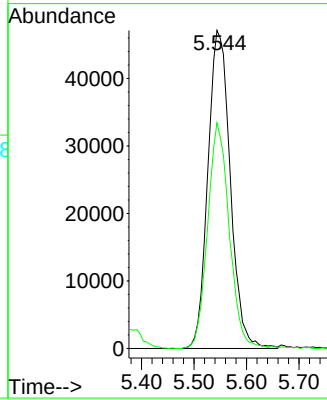
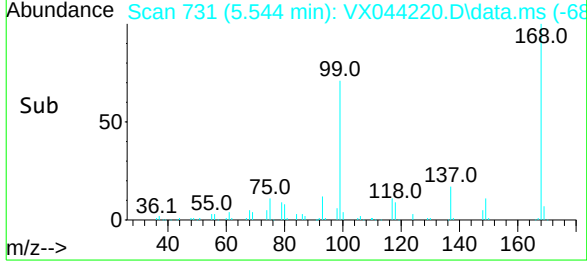
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 168 Resp: 139609
Ion Ratio Lower Upper
168 100
99 71.0 53.4 80.0

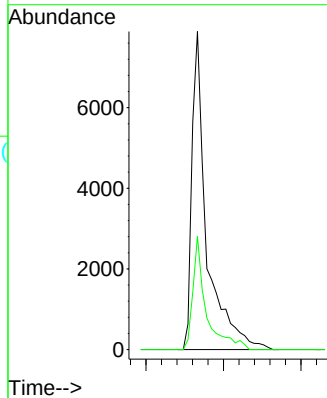
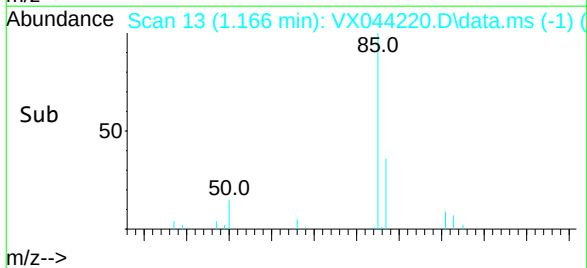
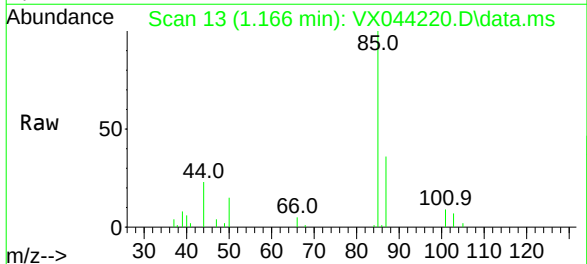
Manual Integrations
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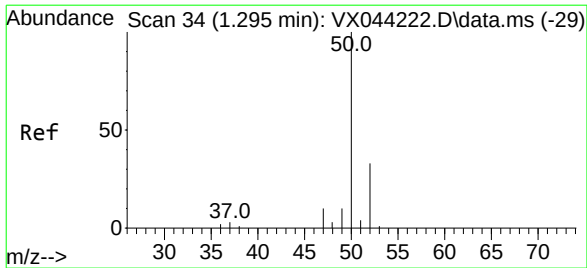
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#2
Dichlorodifluoromethane
Concen: 4.842 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 85 Resp: 10452
Ion Ratio Lower Upper
85 100
87 35.6 15.4 46.4





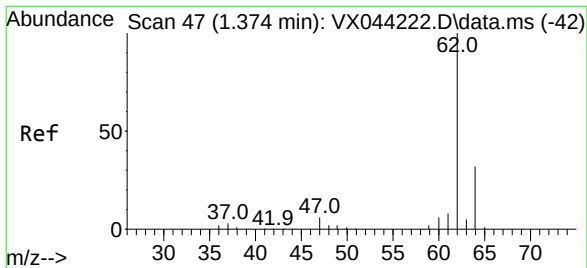
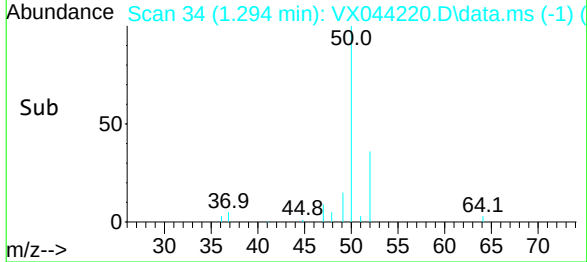
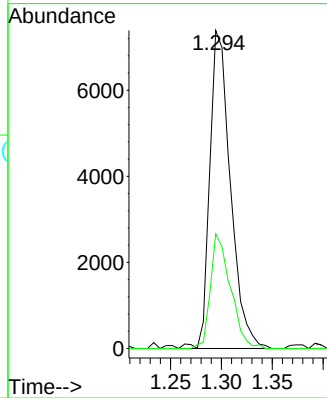
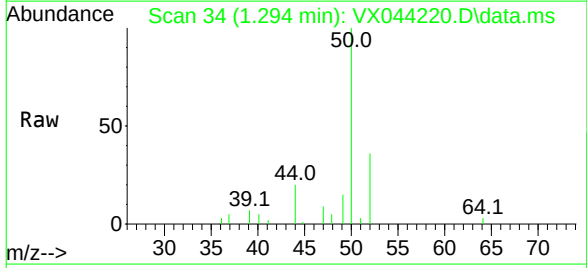
#3
Chloromethane
Concen: 5.052 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 10429
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7

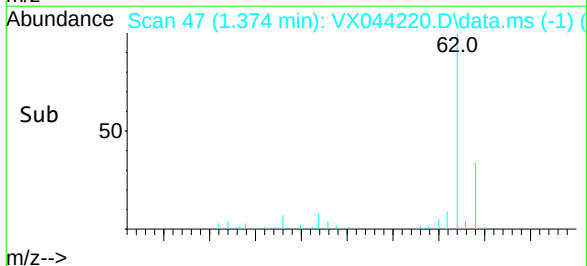
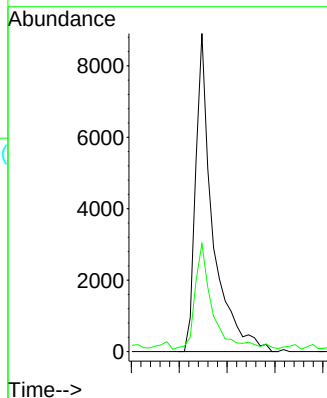
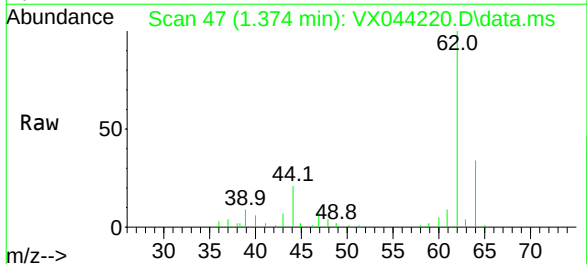
Manual Integrations
APPROVED

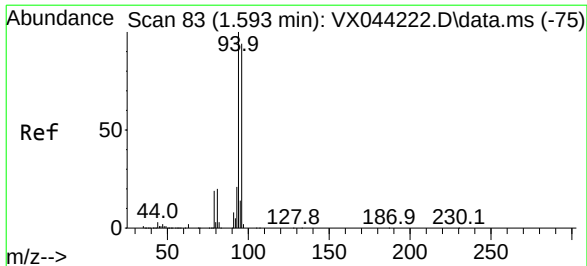
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#4
Vinyl Chloride
Concen: 5.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 11031
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5





#5
Bromomethane

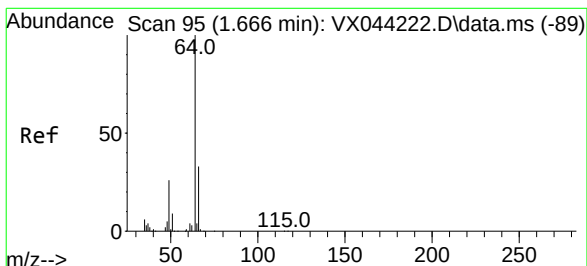
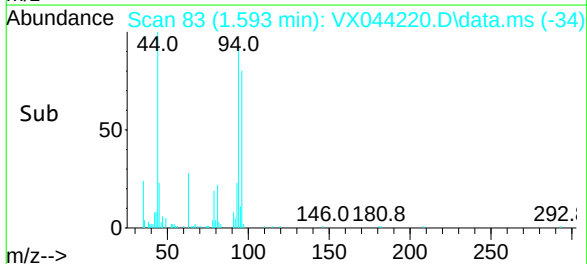
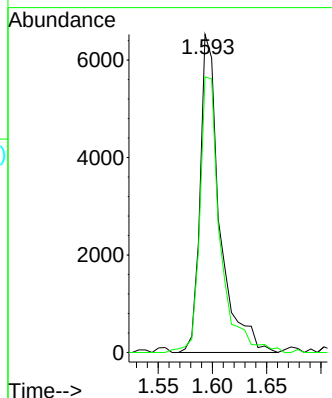
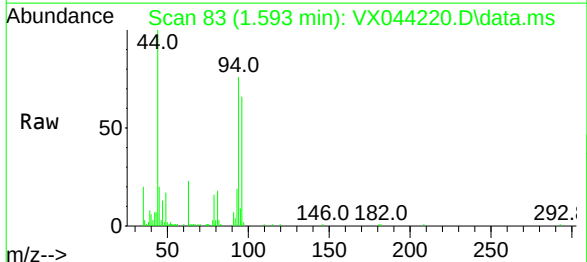
Concen: 5.399 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 8237
Ion Ratio Lower Upper
94 100
96 85.5 74.9 112.3

Manual Integrations
APPROVED

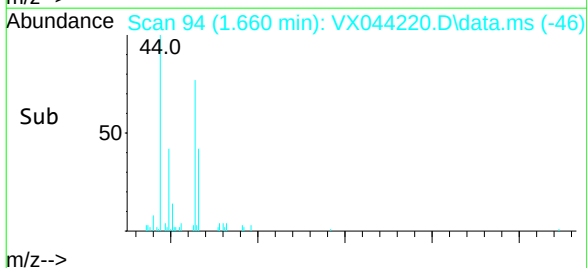
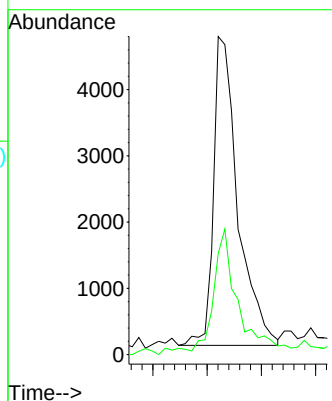
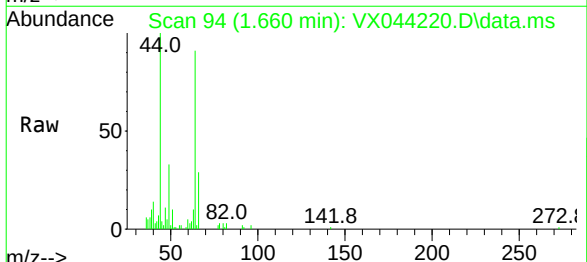
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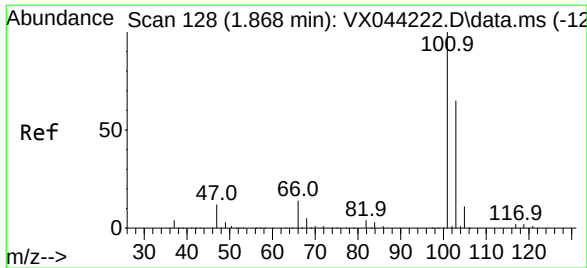


#6
Chloroethane

Concen: 5.416 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

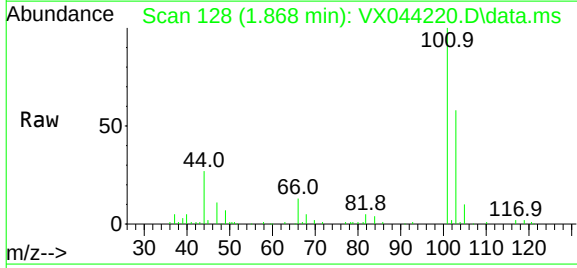
Tgt Ion: 64 Resp: 7253
Ion Ratio Lower Upper
64 100
66 30.7 26.6 39.8





#7
Trichlorofluoromethane
Concen: 5.037 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

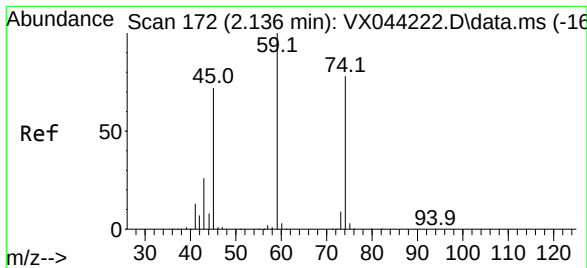
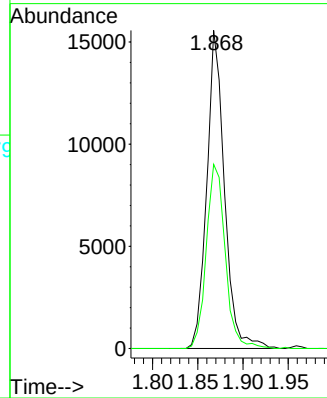
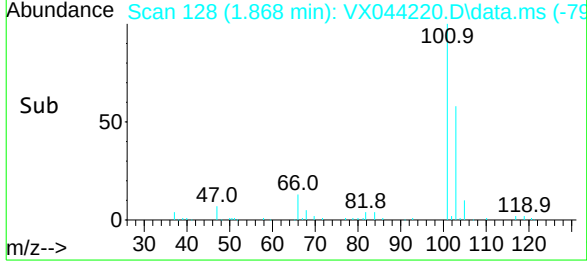
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 101 Resp: 21207
Ion Ratio Lower Upper
101 100
103 57.9 51.8 77.8

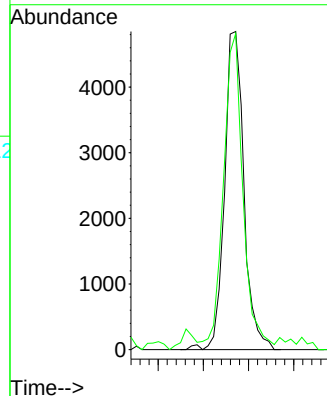
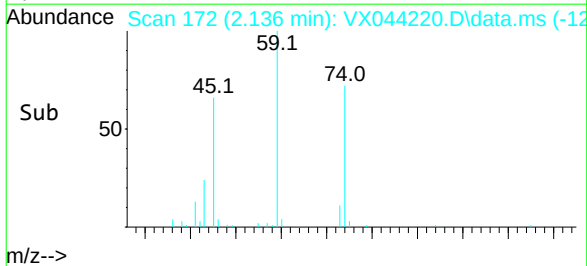
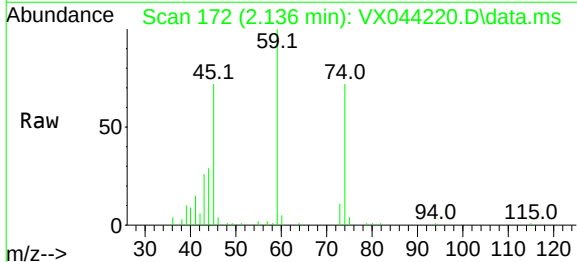
Manual Integrations
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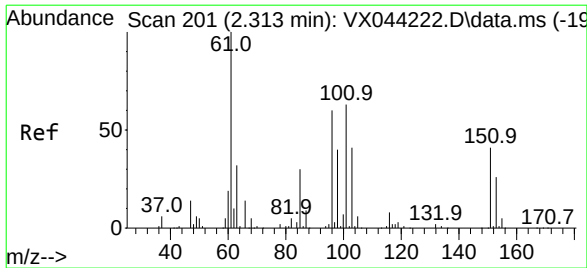
Reviewed By : John Carlone 12/12/2024
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#8
Diethyl Ether
Concen: 5.009 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044220.D
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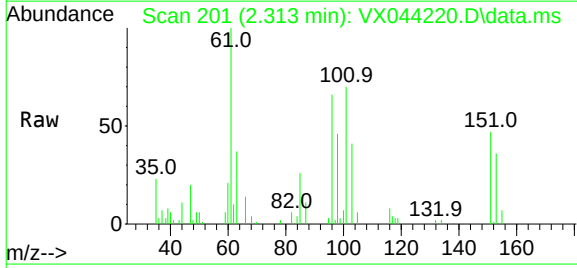
Tgt Ion: 74 Resp: 7199
Ion Ratio Lower Upper
74 100
45 97.0 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.145 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

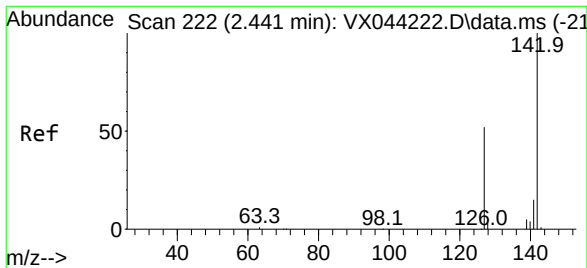
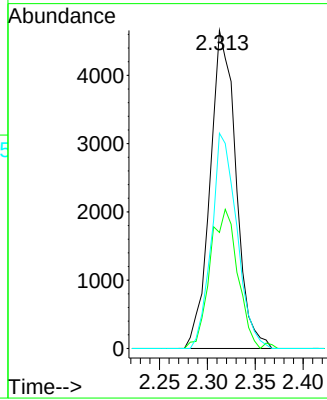
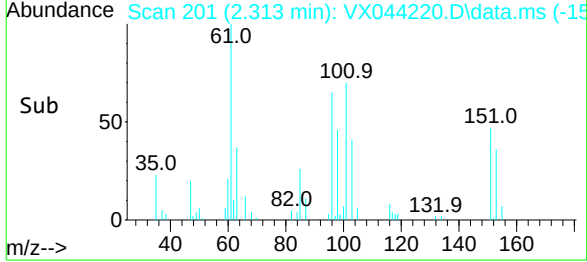
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



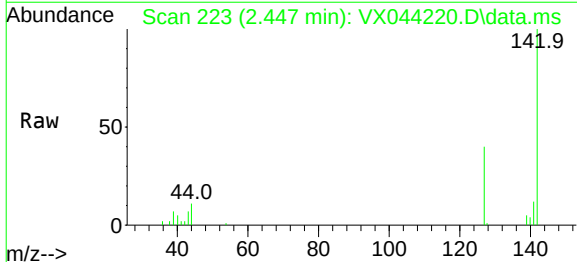
Tgt Ion:101 Resp: 8766
Ion Ratio Lower Upper
101 100
85 46.7 38.5 57.7
151 66.2 55.8 83.6

Manual Integrations
APPROVED

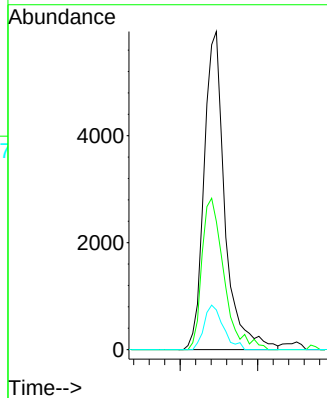
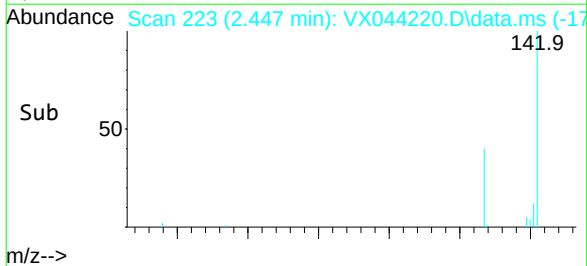
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

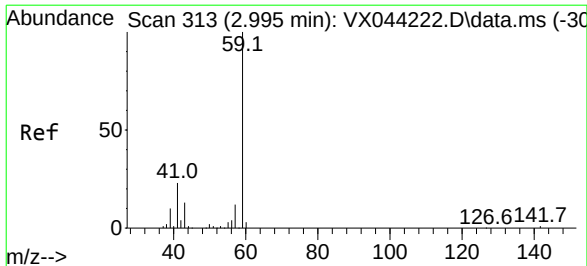


#10
Methyl Iodide
Concen: 4.928 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27



Tgt Ion:142 Resp: 11066
Ion Ratio Lower Upper
142 100
127 50.4 41.8 62.8
141 12.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 20.785 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

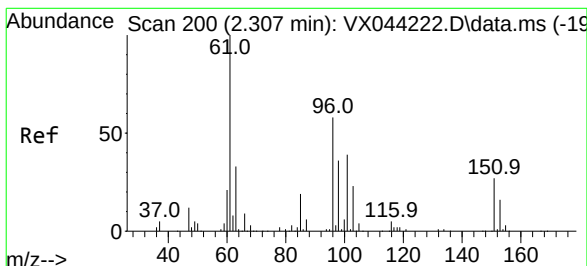
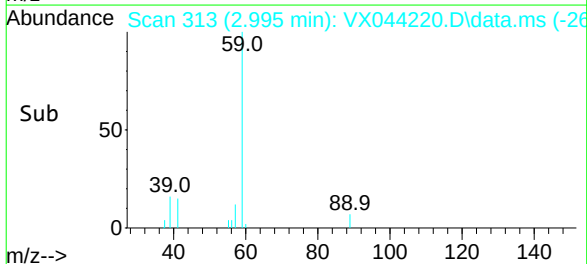
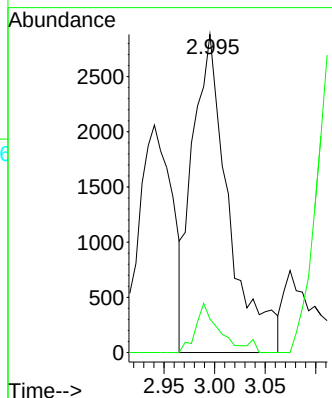
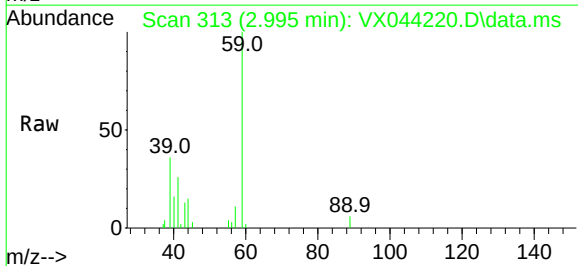
Tgt	Ion	Ratio	Lower	Upper
59	100			
57	9.5	8.8	13.2	

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 4.999 ug/l

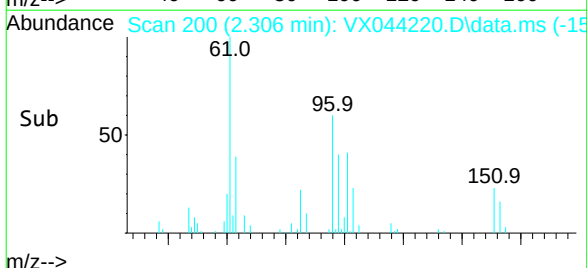
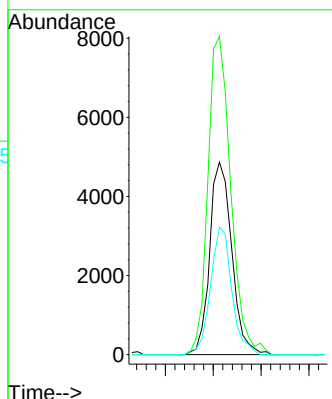
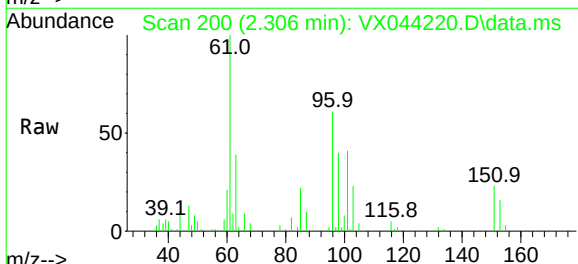
RT: 2.306 min Scan# 200

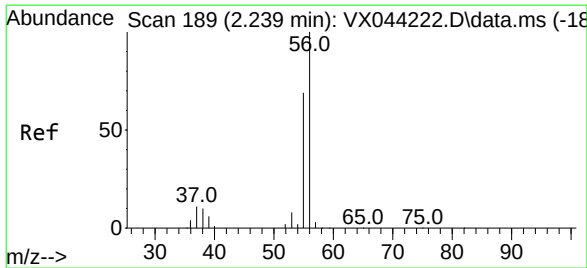
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt	Ion	Ratio	Lower	Upper
96	100			
61	165.2	138.0	207.0	
98	66.2	50.0	75.0	





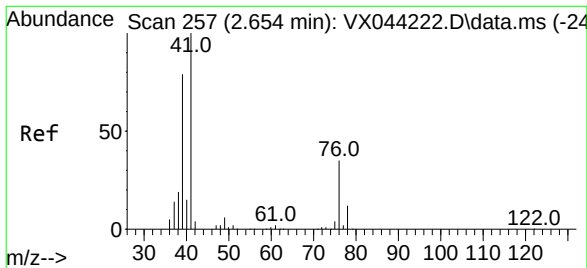
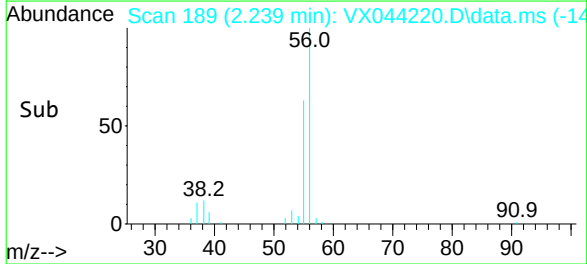
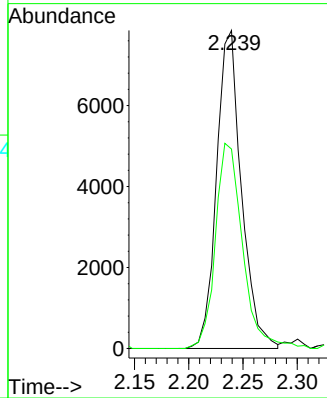
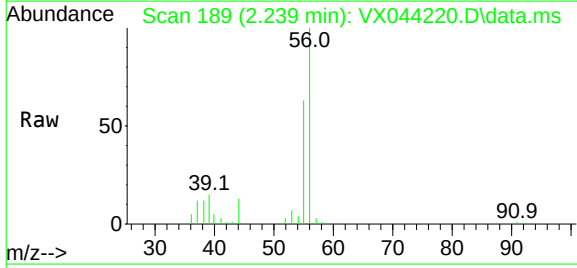
#13
Acrolein
Concen: 25.073 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument : MSVOA_X
ClientSampleId : VSTDICC005

Tgt Ion: 56 Resp: 12521
Ion Ratio Lower Upper
56 100
55 70.6 56.6 84.8

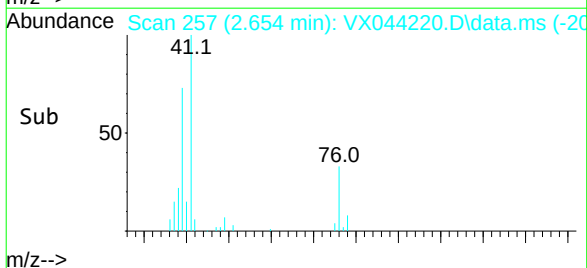
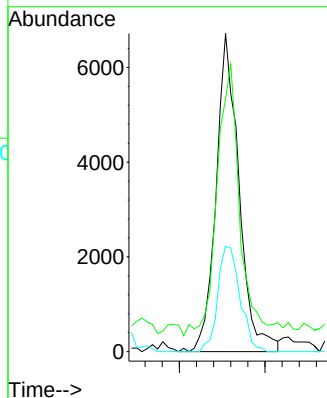
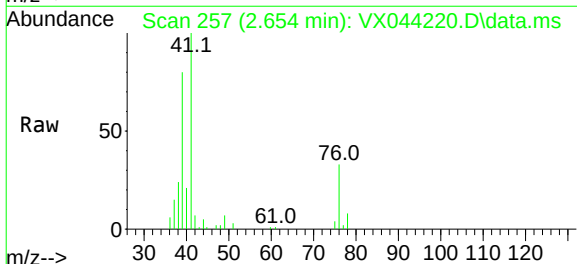
Manual Integrations
APPROVED

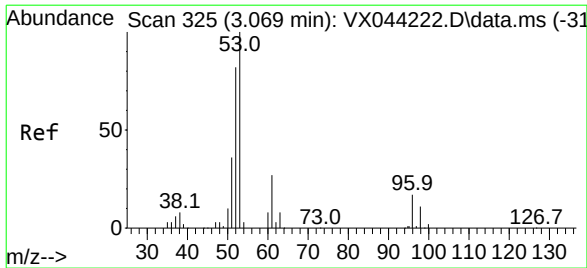
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#14
Allyl chloride
Concen: 4.792 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 12490
Ion Ratio Lower Upper
41 100
39 84.0 61.9 92.9
76 32.1 27.4 41.2





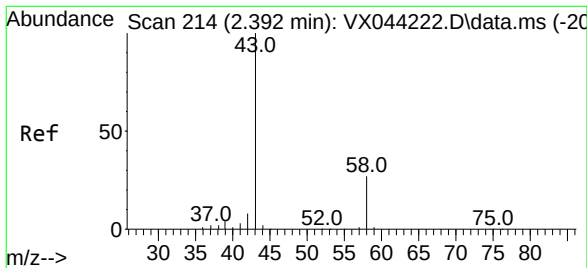
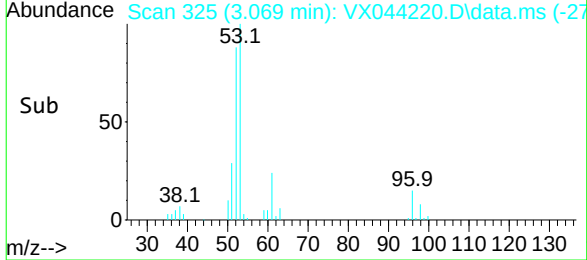
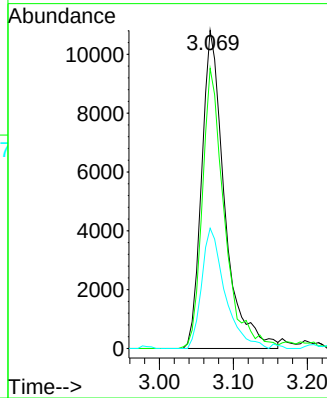
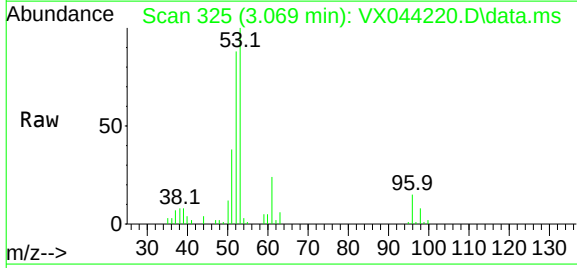
#15
Acrylonitrile
Concen: 24.357 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.4	101.0
51	38.2	30.3	45.5

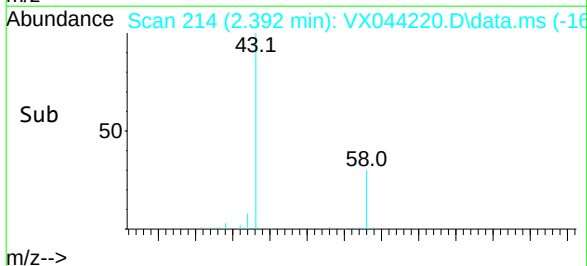
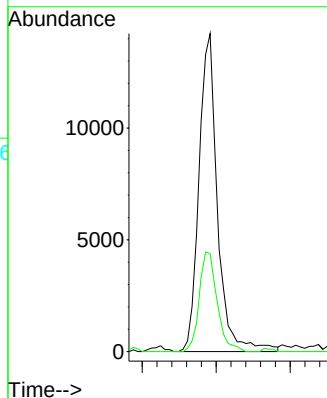
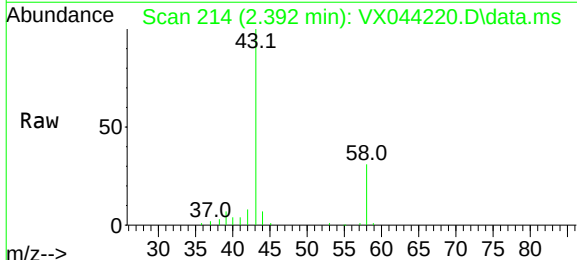
Manual Integrations
APPROVED

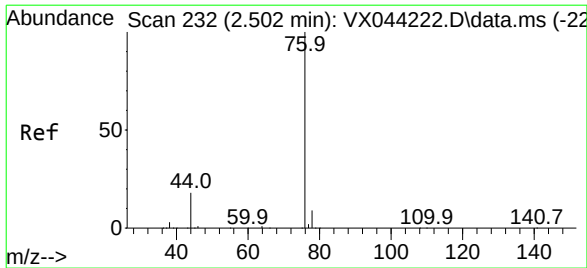
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 24.696 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.6	32.4





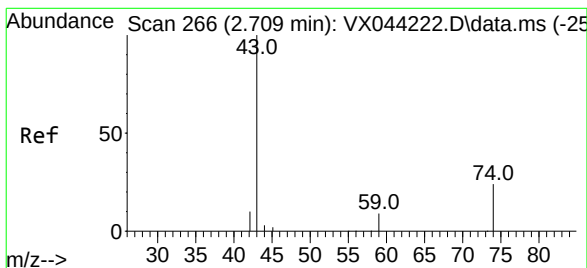
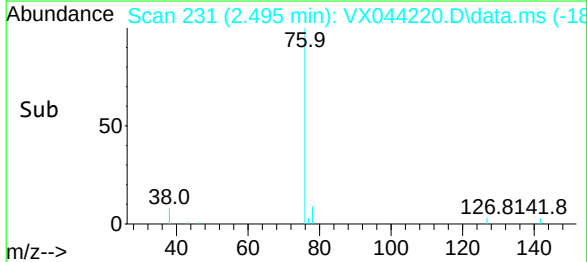
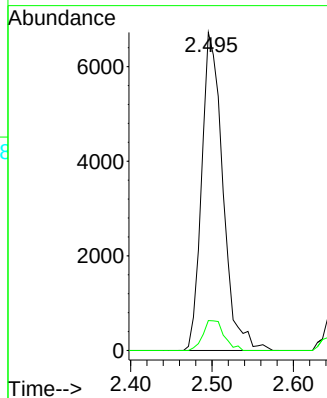
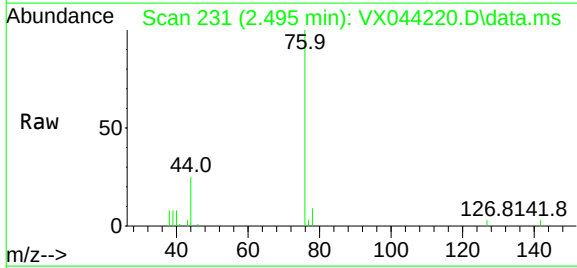
#17
Carbon Disulfide
Concen: 4.091 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12169
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

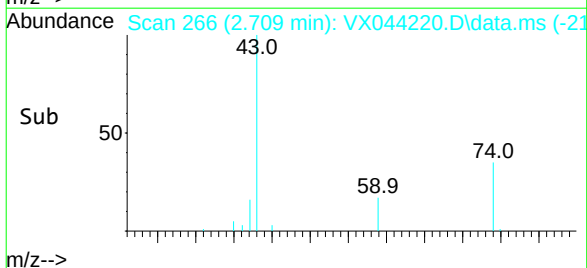
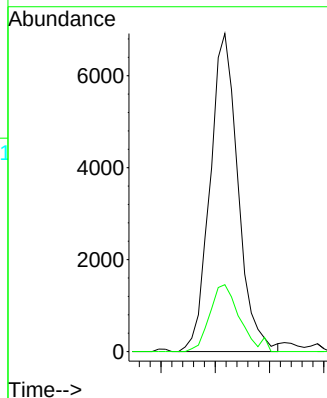
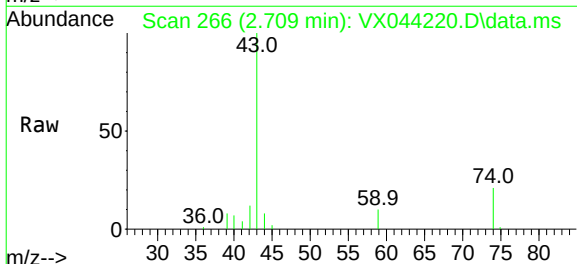
Manual Integrations
APPROVED

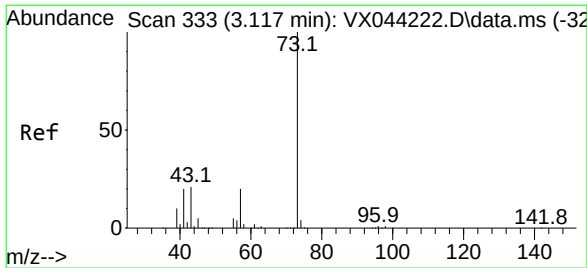
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#18
Methyl Acetate
Concen: 4.824 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 12412
Ion Ratio Lower Upper
43 100
74 22.7 17.7 26.5





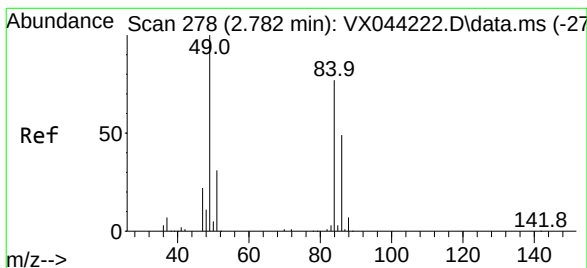
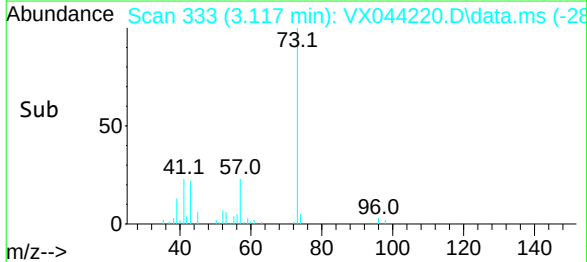
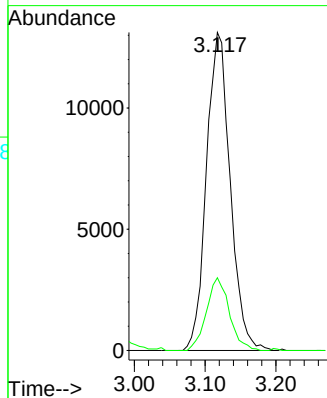
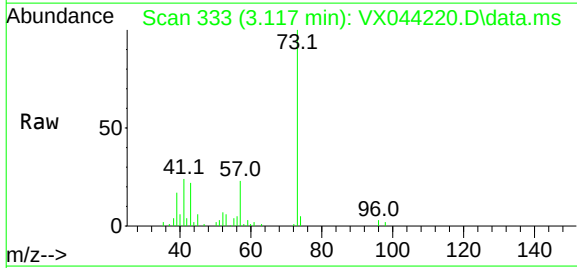
#19
Methyl tert-butyl Ether
Concen: 5.002 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 30546
Ion Ratio Lower Upper
73 100
57 22.9 16.2 24.4

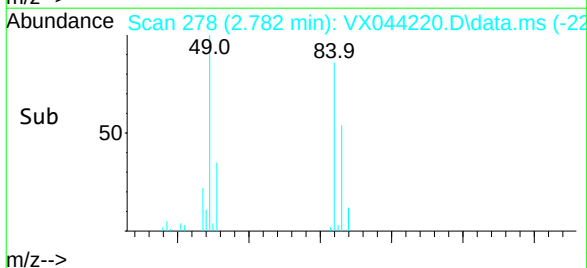
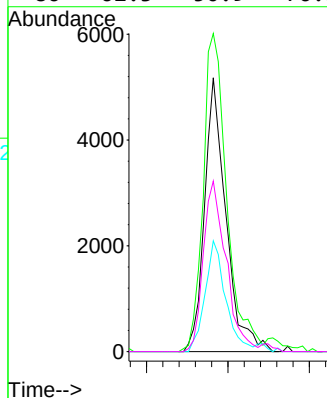
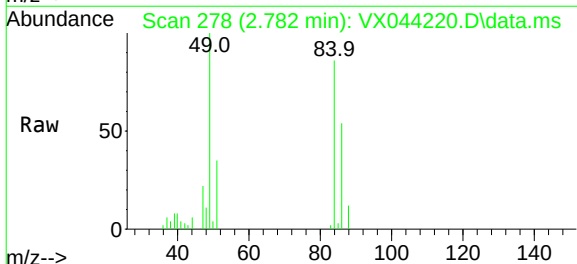
Manual Integrations
APPROVED

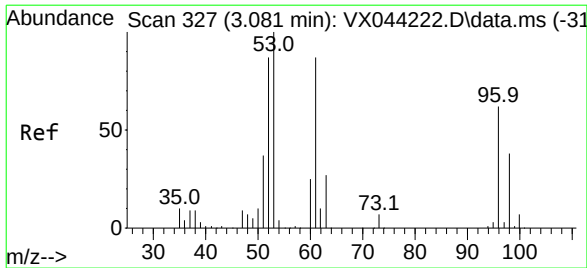
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 5.050 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 84 Resp: 9466
Ion Ratio Lower Upper
84 100
49 116.2 104.2 156.4
51 40.4 32.2 48.4
86 62.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 4.671 ug/l

RT: 3.087 min Scan# 327

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 7768

Ion Ratio Lower Upper

96 100

61 142.9 112.0 168.0

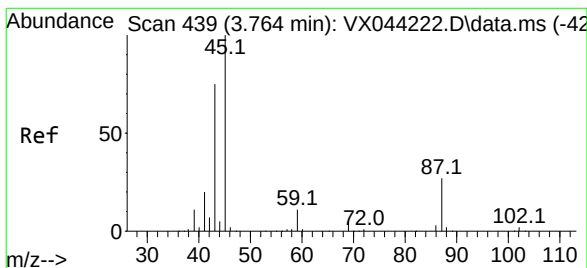
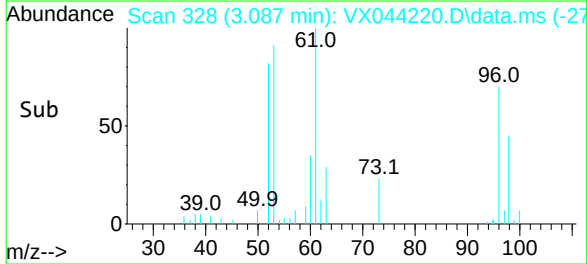
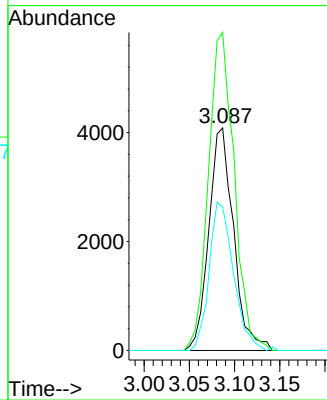
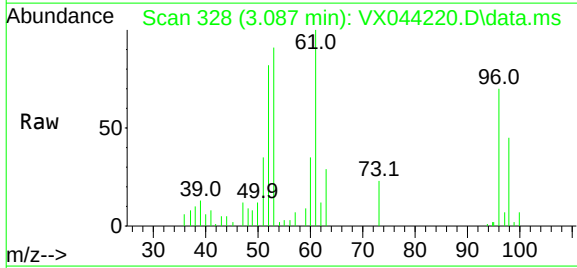
98 64.4 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#22

Diisopropyl ether

Concen: 5.029 ug/l

RT: 3.764 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion: 45 Resp: 29518

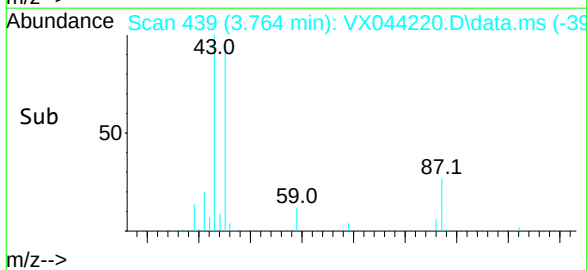
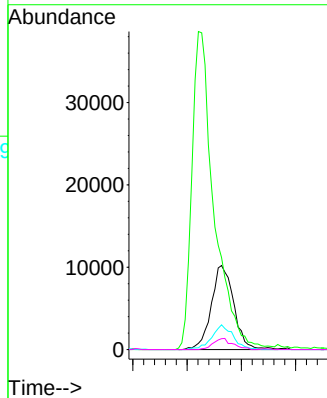
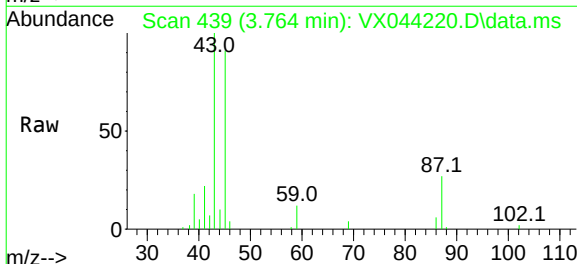
Ion Ratio Lower Upper

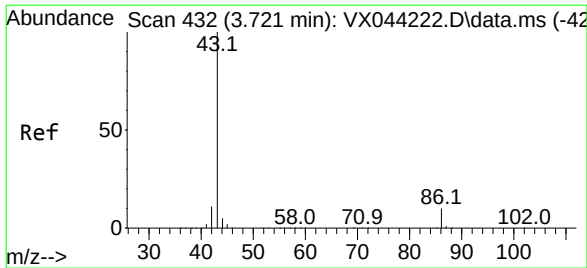
45 100

43 107.7 60.2 90.2#

87 29.5 21.2 31.8

59 13.0 8.9 13.3





#23

Vinyl Acetate

Concen: 22.983 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 109670

Ion Ratio Lower Upper

43 100

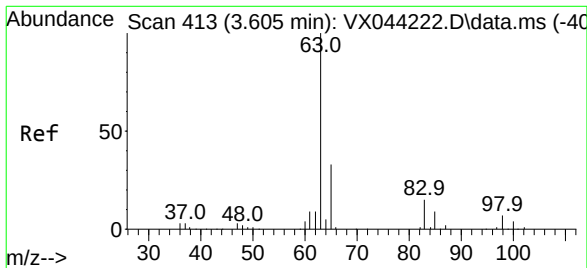
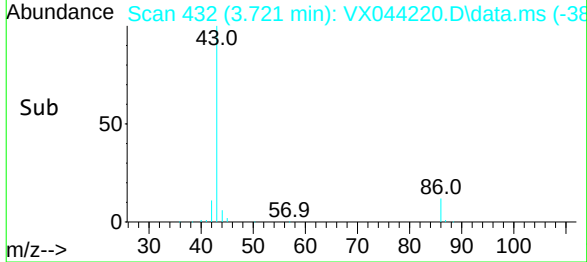
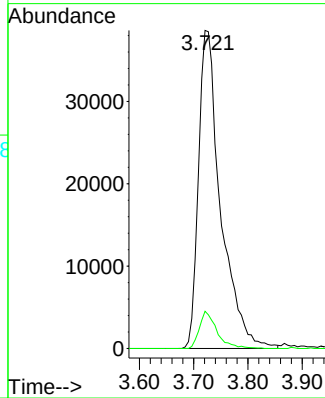
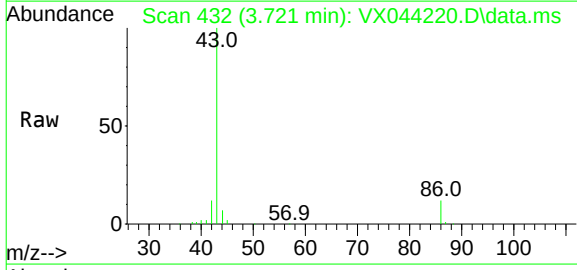
86 11.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 5.004 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

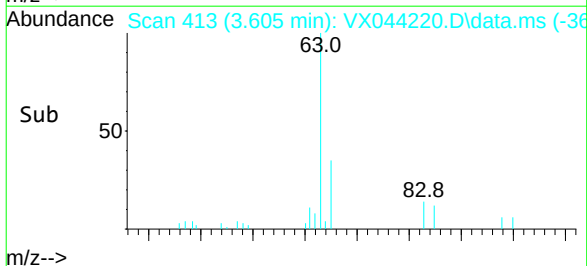
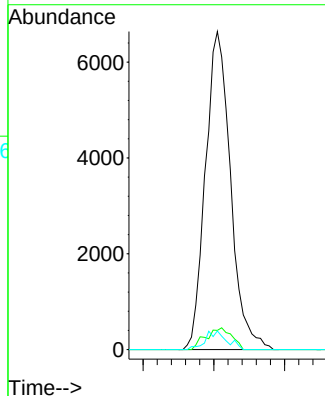
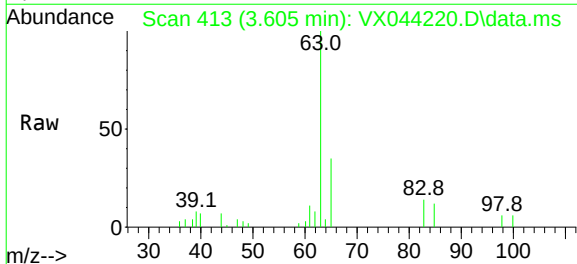
Tgt Ion: 63 Resp: 16370

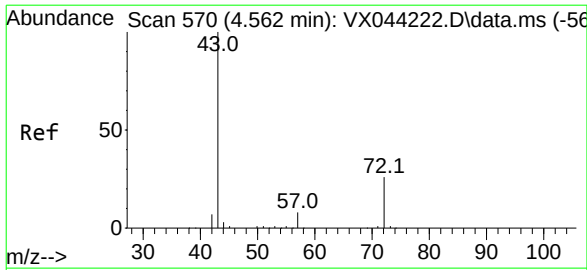
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 5.9 2.1 6.3





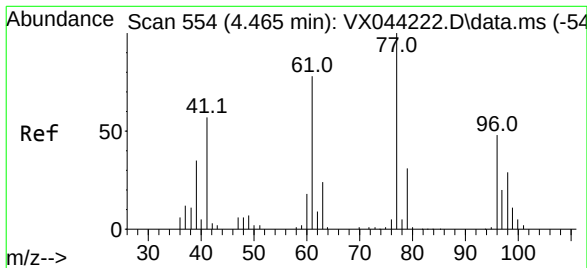
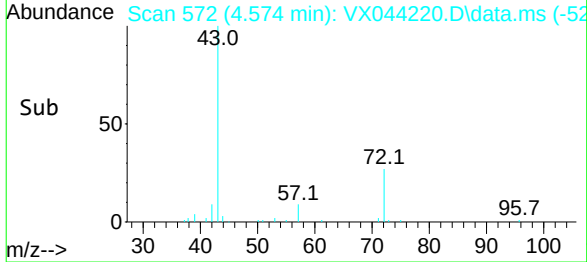
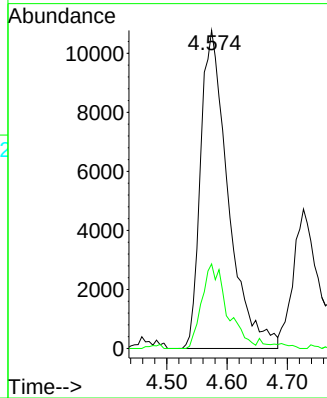
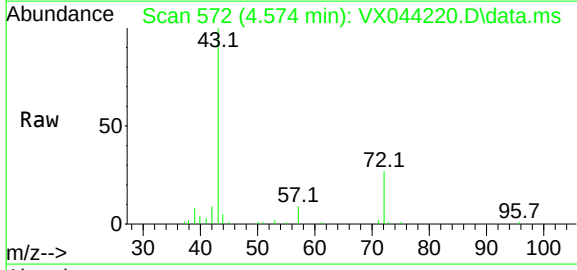
#25
2-Butanone
Concen: 24.138 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 34245
Ion Ratio Lower Upper
43 100
72 26.6 20.2 30.4

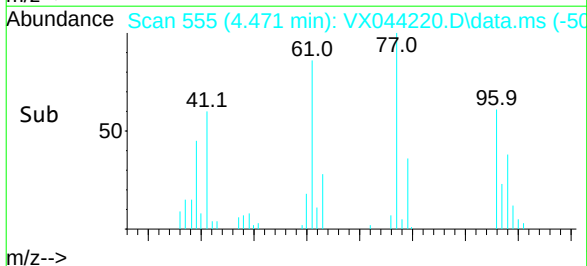
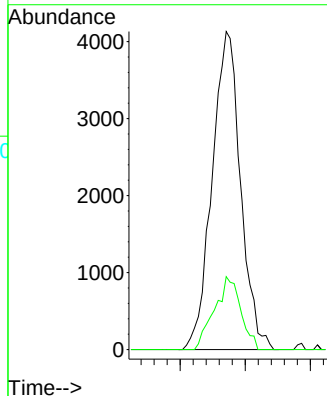
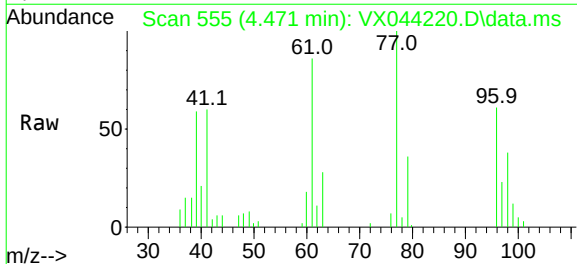
Manual Integrations
APPROVED

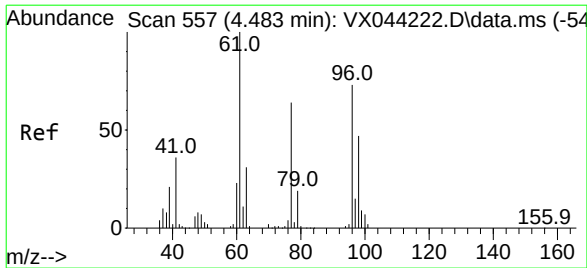
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 4.708 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

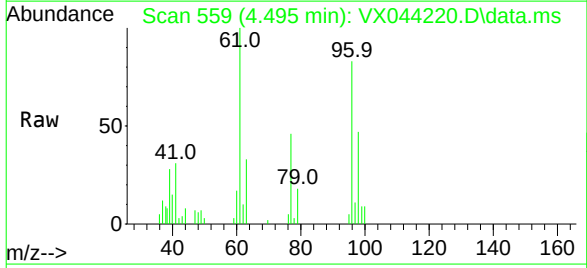
Tgt Ion: 77 Resp: 12514
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 4.873 ug/l
RT: 4.495 min Scan# 55
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

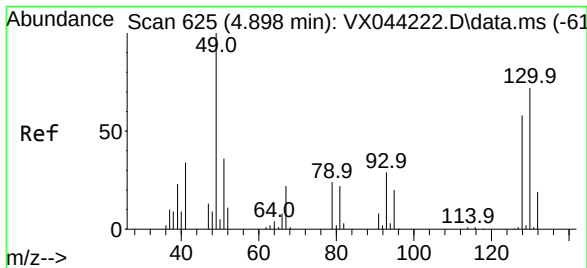
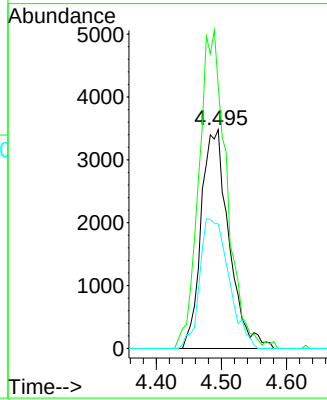
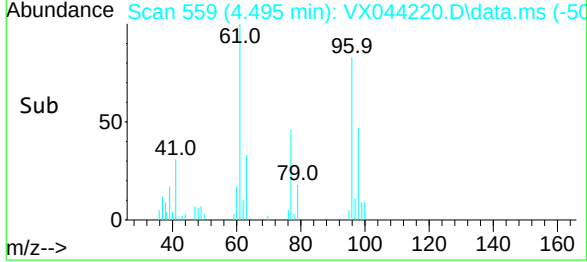
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



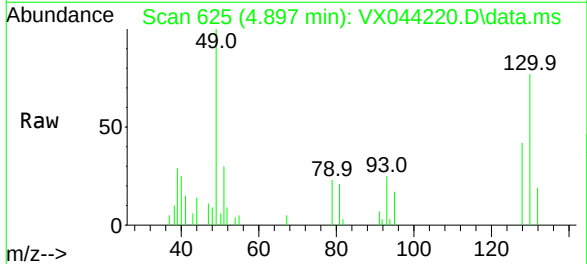
Tgt Ion: 96 Resp: 10292
Ion Ratio Lower Upper
96 100
61 145.0 0.0 299.0
98 62.4 0.0 129.0

Manual Integrations
APPROVED

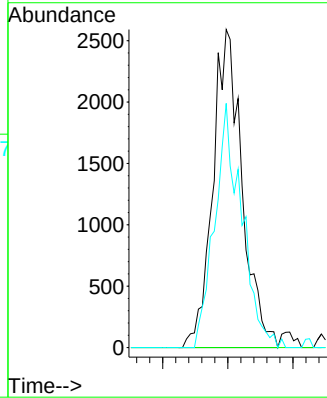
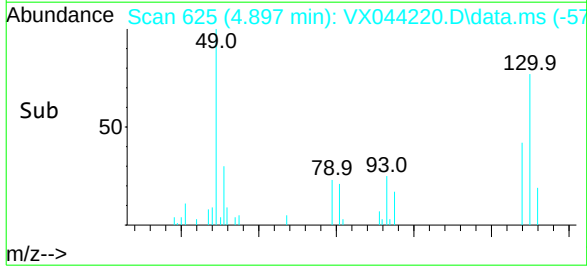
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

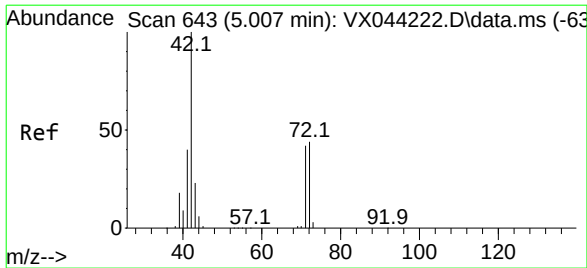


#28
Bromochloromethane
Concen: 5.017 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27



Tgt Ion: 49 Resp: 8049
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 71.2 62.1 93.1





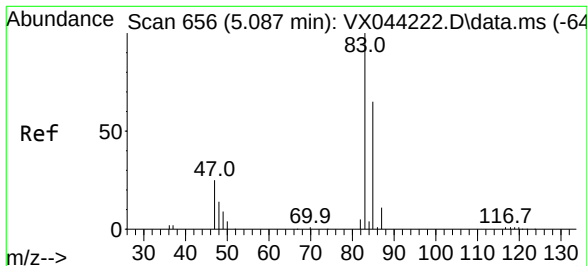
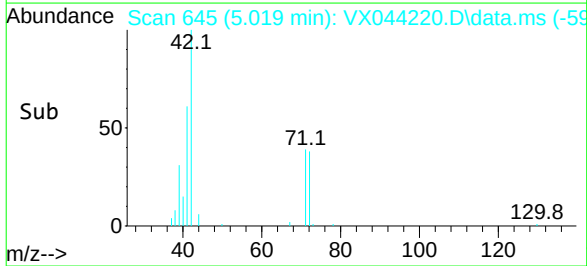
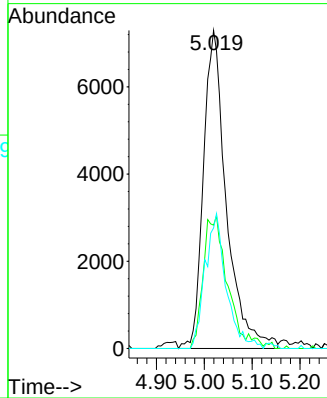
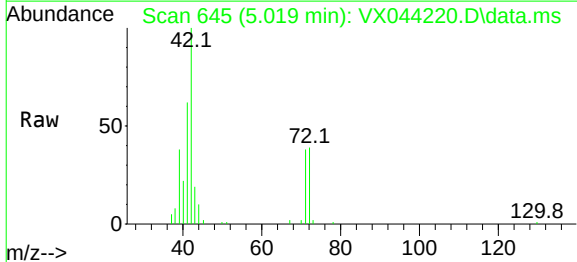
#29
Tetrahydrofuran
Concen: 26.693 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.0	55.6
71	38.9	33.6	50.4

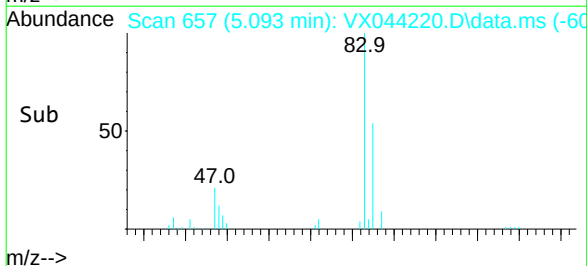
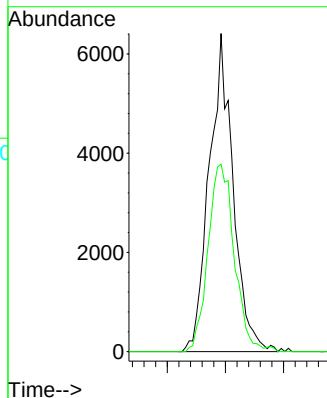
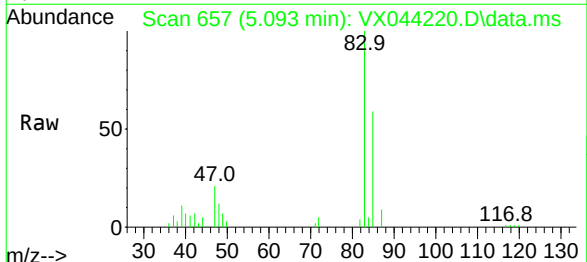
Manual Integrations
APPROVED

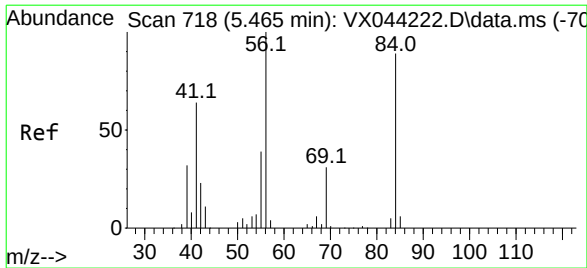
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 4.984 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.6	77.4





#31

Cyclohexane

Concen: 4.919 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 12995

Ion Ratio Lower Upper

56 100

69 26.4 24.7 37.1

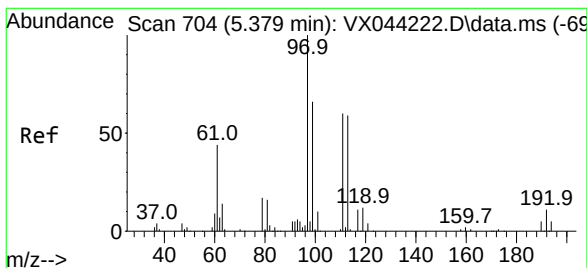
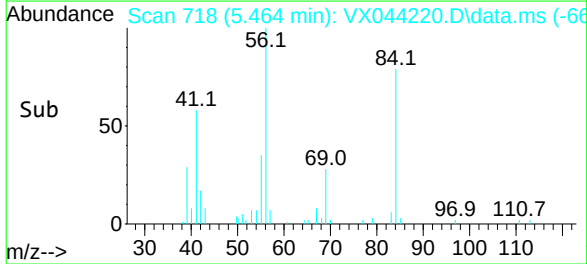
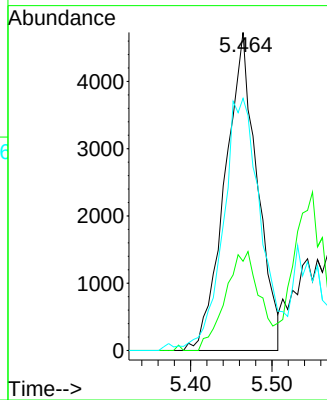
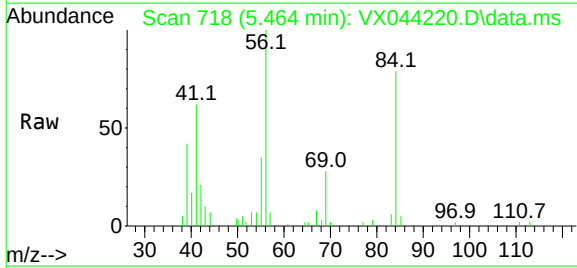
84 77.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 4.664 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

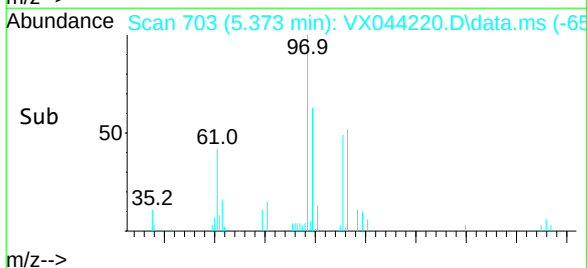
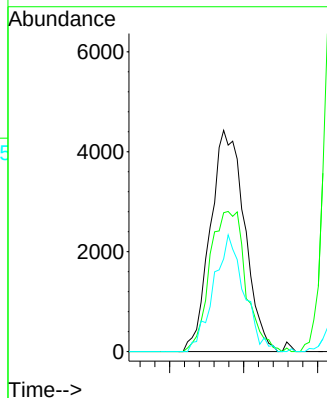
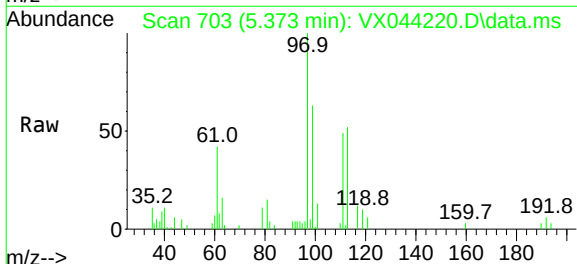
Tgt Ion: 97 Resp: 14231

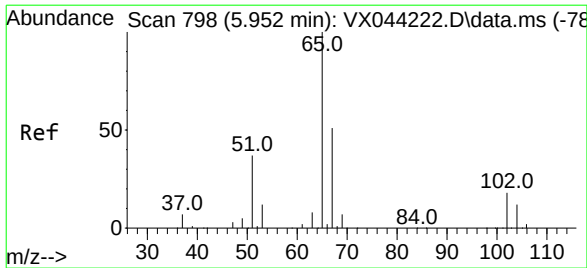
Ion Ratio Lower Upper

97 100

99 66.8 50.8 76.2

61 46.9 35.2 52.8





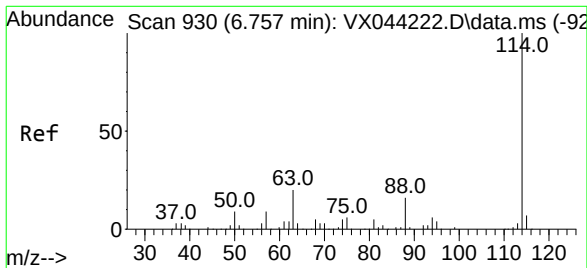
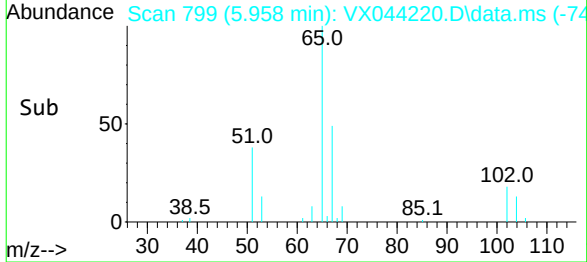
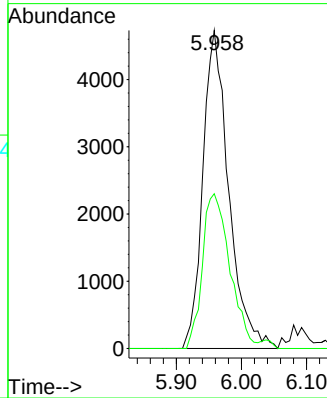
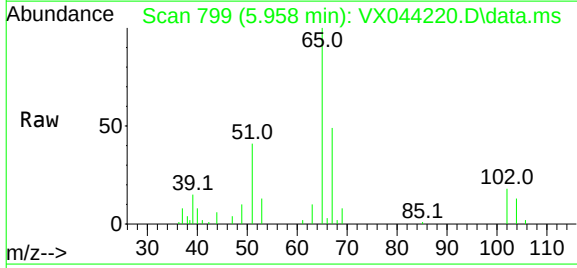
#33
1,2-Dichloroethane-d4
Concen: 5.328 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 13043
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.6

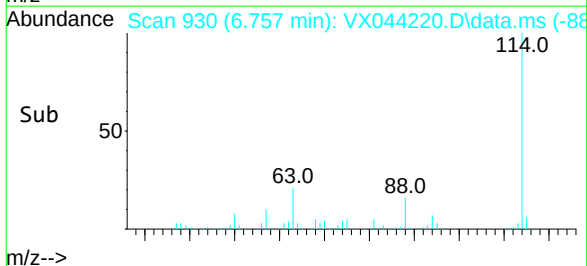
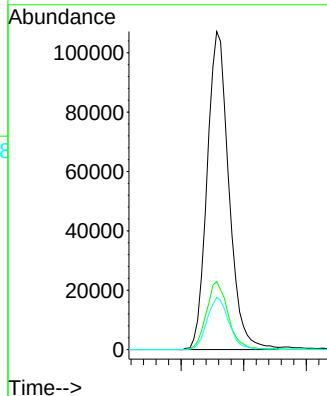
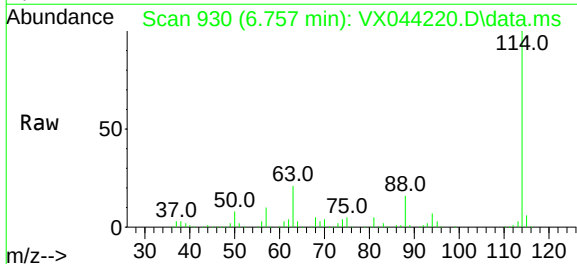
Manual Integrations
APPROVED

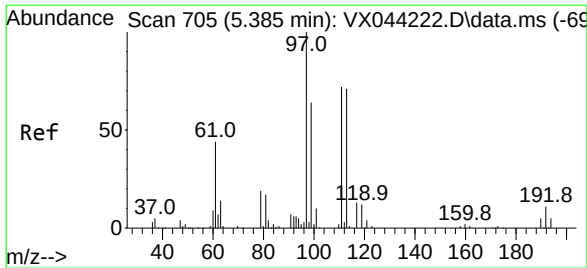
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:114 Resp: 258881
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.6
88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.100 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

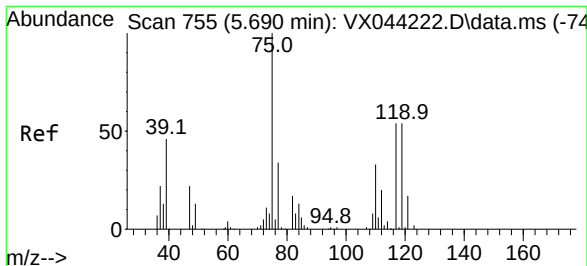
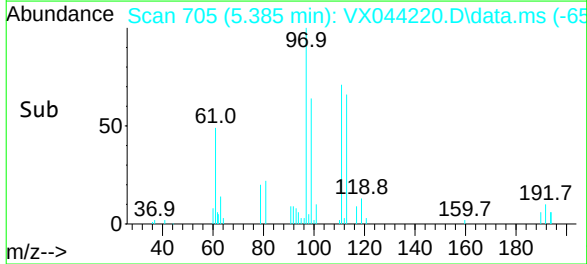
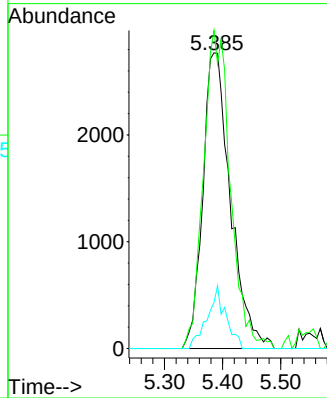
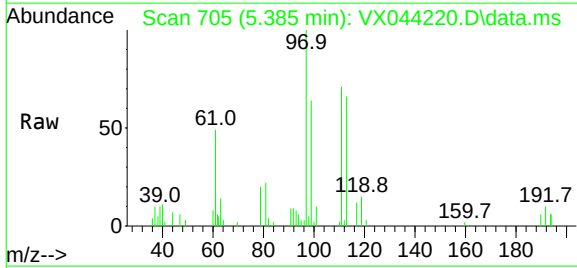
Tgt Ion:	113	Resp:	9145
Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.4	120.6
192	14.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#36

1,1-Dichloropropene

Concen: 4.942 ug/l

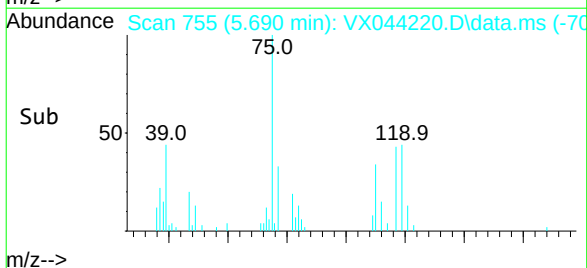
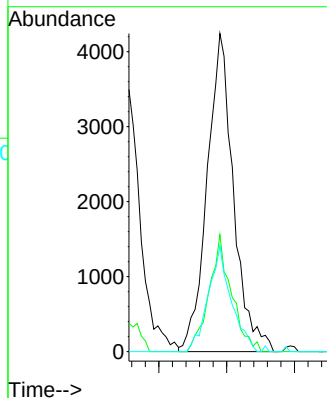
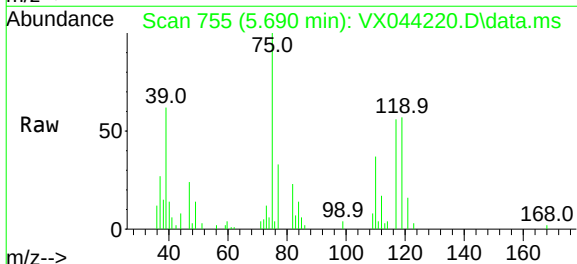
RT: 5.690 min Scan# 755

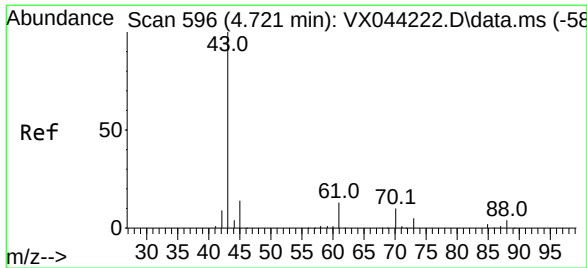
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	75	Resp:	11455
Ion	Ratio	Lower	Upper
75	100		
110	31.1	17.3	51.7
77	28.7	25.4	38.0





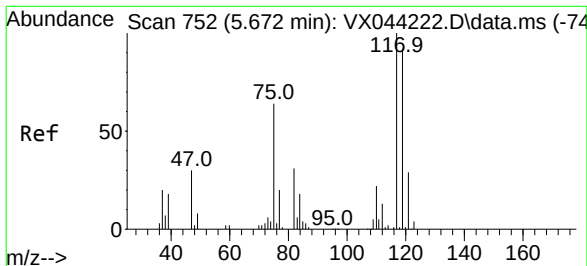
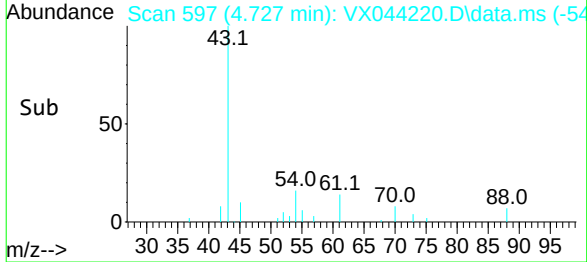
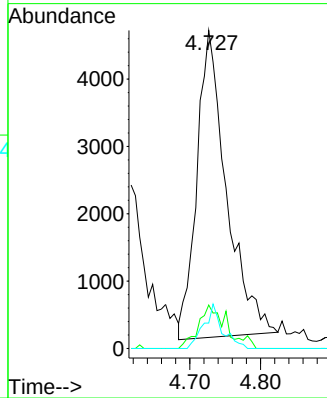
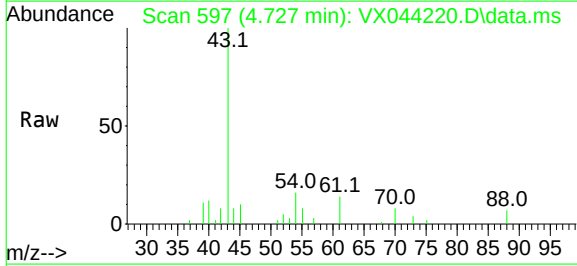
#37
Ethyl Acetate
Concen: 4.630 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:	43	Resp:	13265
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.8	14.8
70	9.1	7.7	11.5

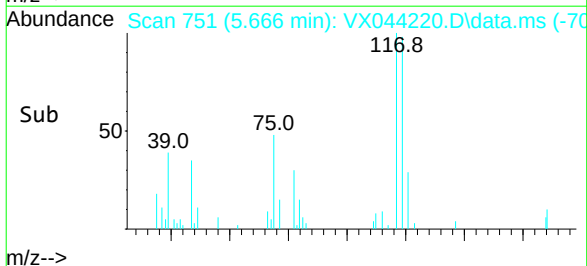
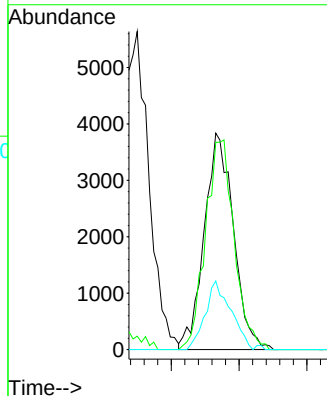
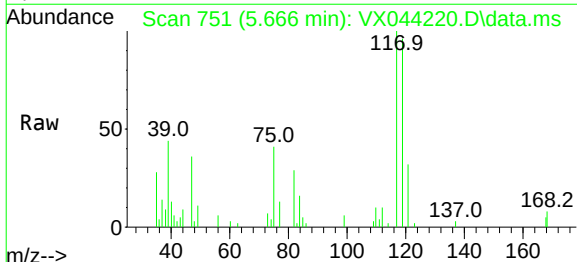
Manual Integrations
APPROVED

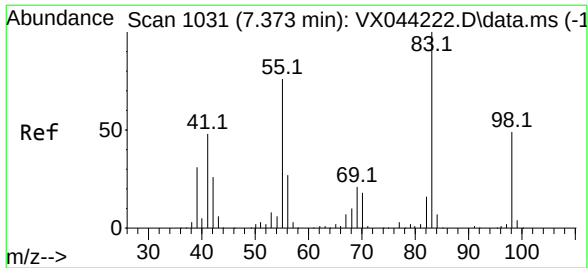
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 4.599 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	117	Resp:	11476
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.2	111.4
121	31.7	23.0	34.6





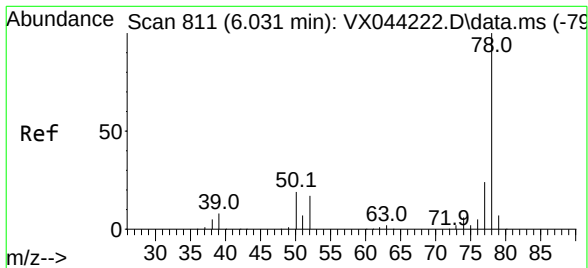
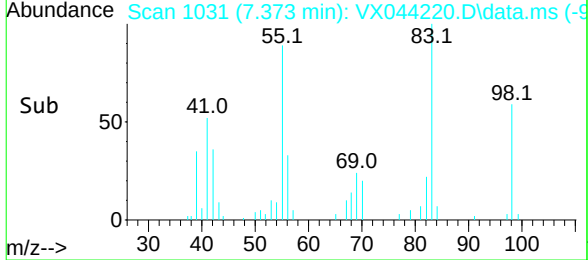
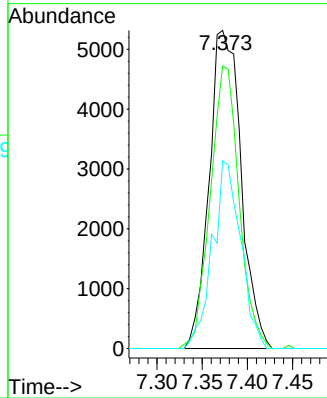
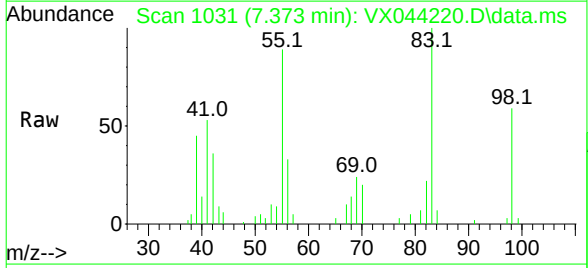
#39
Methylcyclohexane
Concen: 4.699 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	83	Resp:	13019
Ion	Ratio	Lower	Upper
83	100		
55	88.8	60.7	91.1
98	59.0	38.9	58.3

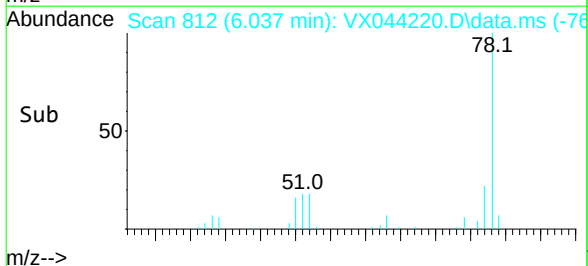
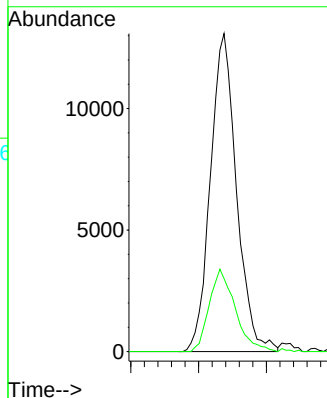
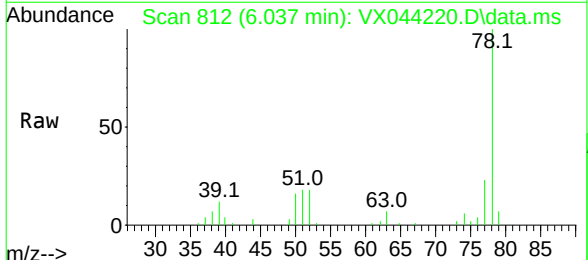
Manual Integrations
APPROVED

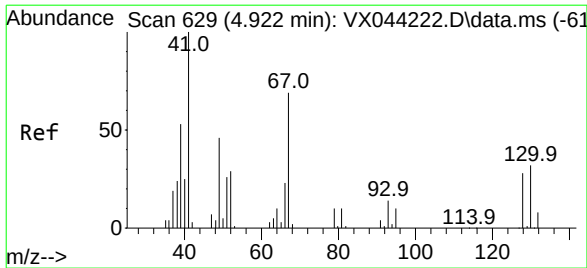
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 4.976 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	78	Resp:	35018
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





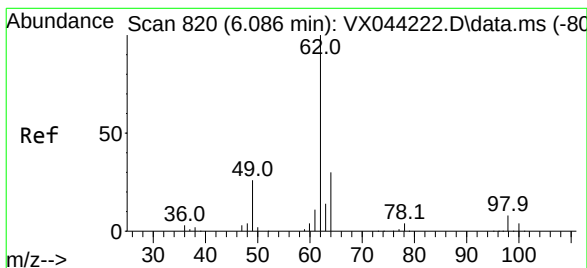
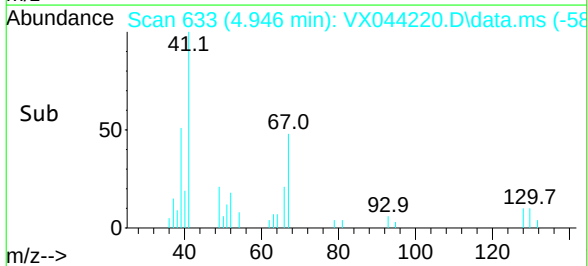
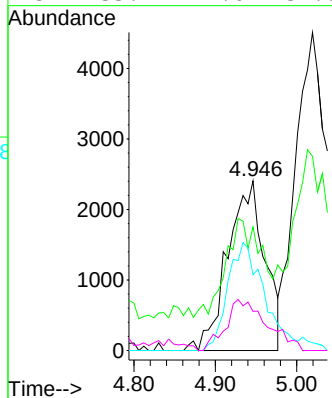
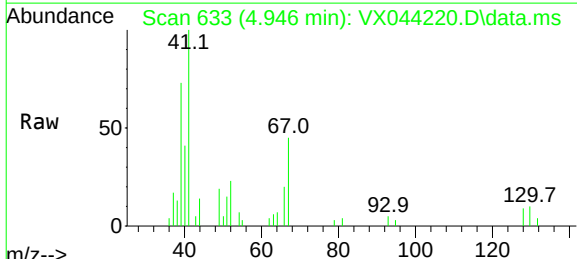
#41
Methacrylonitrile
Concen: 4.986 ug/l
RT: 4.946 min Scan# 633
Delta R.T. 0.024 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	7585
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.2	66.4
67	63.0	57.2	85.8
52	33.4	24.6	37.0

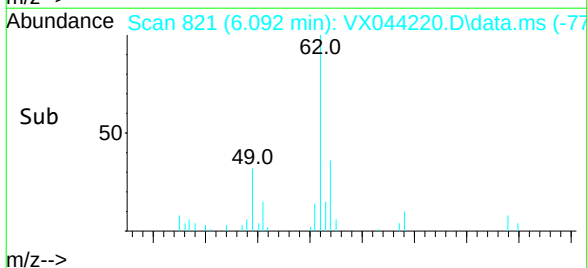
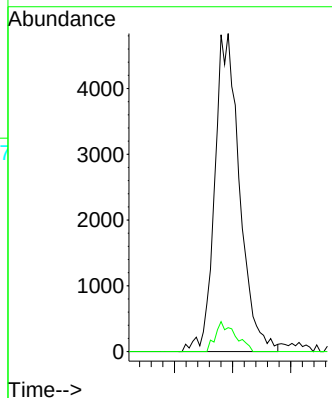
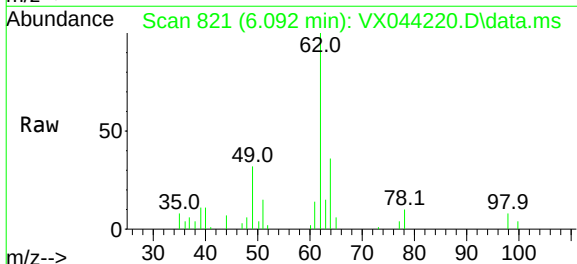
Manual Integrations
APPROVED

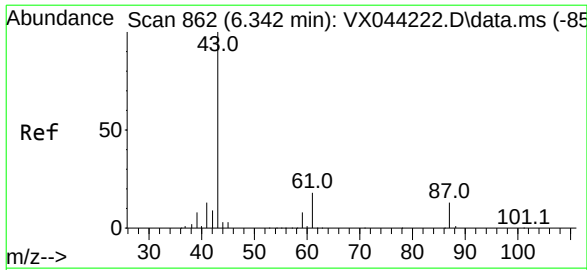
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 4.974 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	62	Resp:	14419
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 4.935 ug/l

RT: 6.354 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

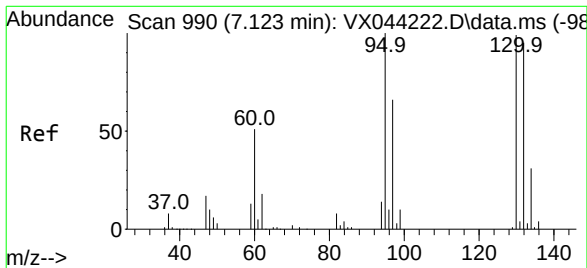
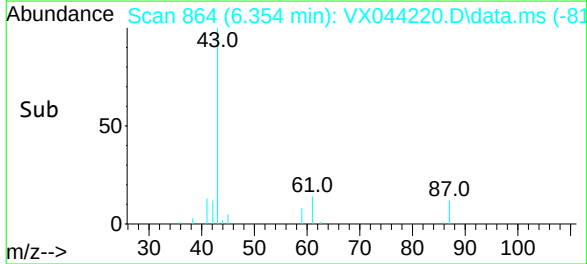
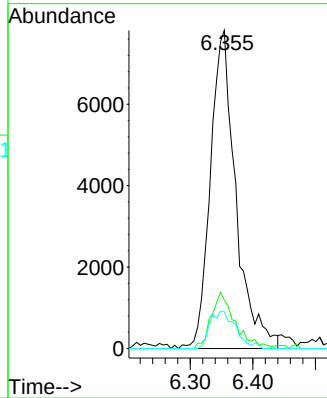
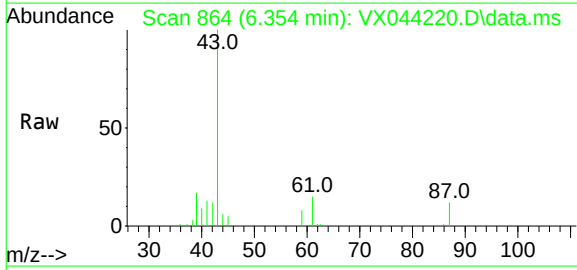
Tgt Ion:	43	Resp:	22098
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.2	21.2
87	11.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 4.790 ug/l

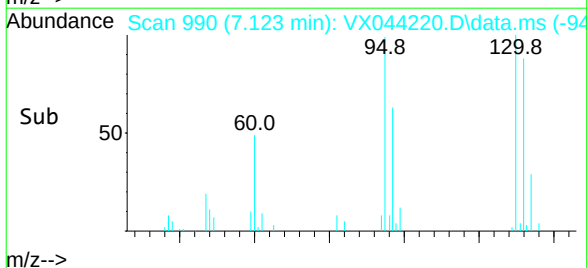
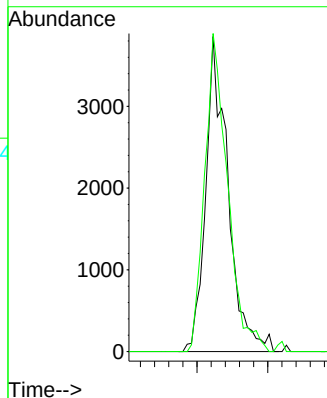
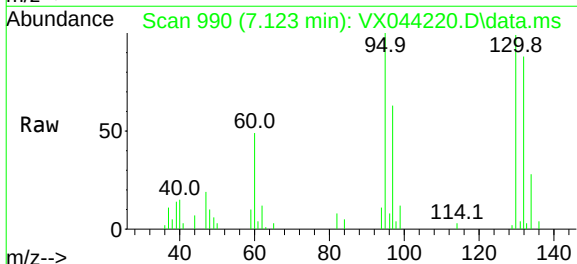
RT: 7.123 min Scan# 990

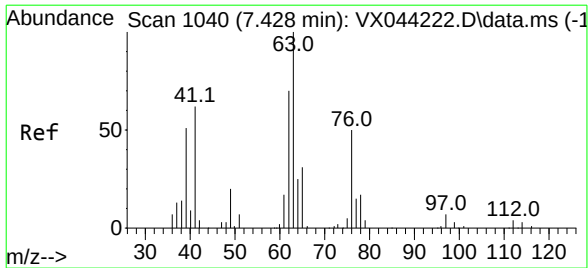
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	130	Resp:	8405
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	201.4





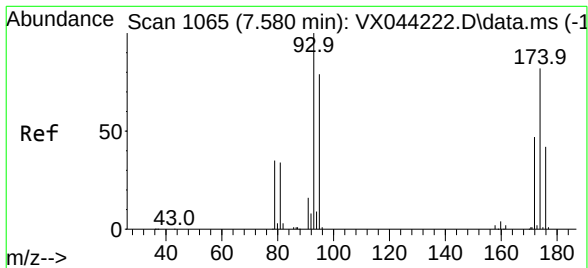
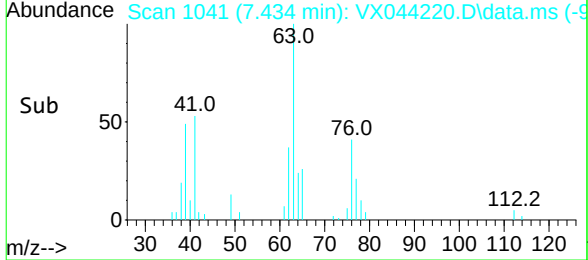
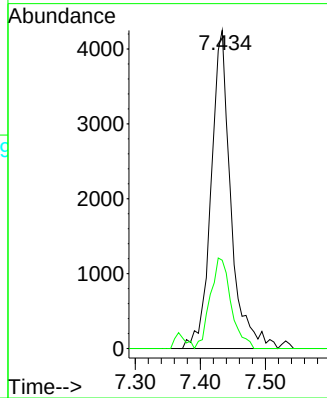
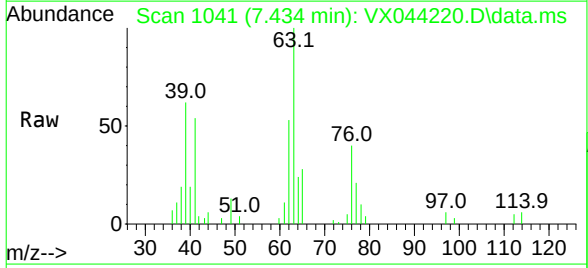
#45
1,2-Dichloropropane
Concen: 4.968 ug/l
RT: 7.434 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 8932
Ion Ratio Lower Upper
63 100
65 27.8 24.6 37.0

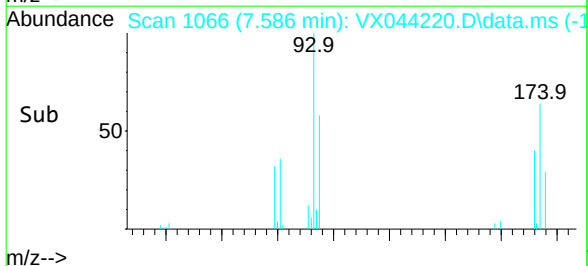
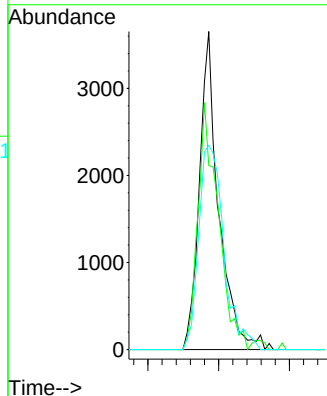
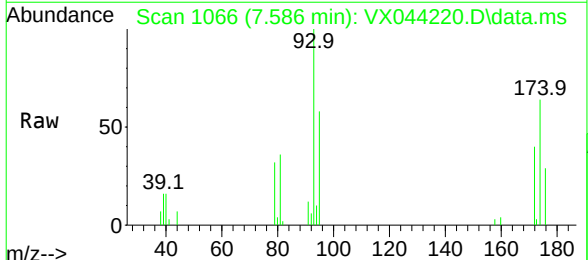
Manual Integrations
APPROVED

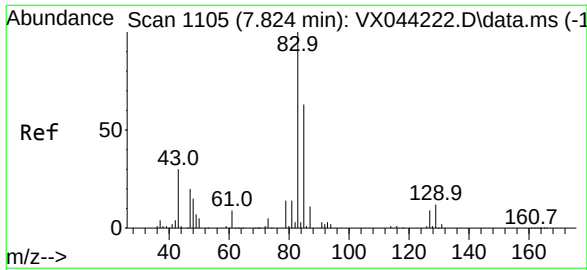
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 4.958 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 93 Resp: 6915
Ion Ratio Lower Upper
93 100
95 82.3 65.4 98.2
174 83.6 67.9 101.9





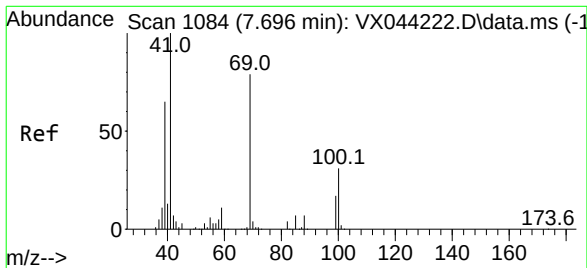
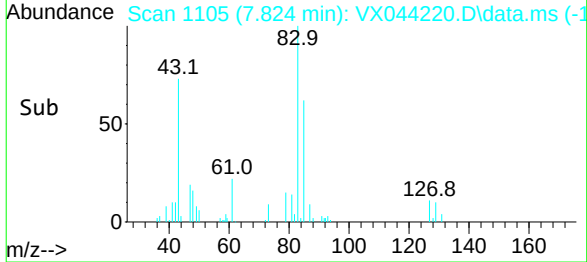
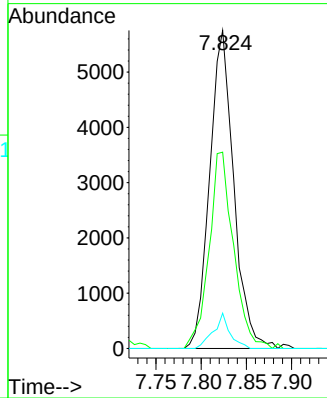
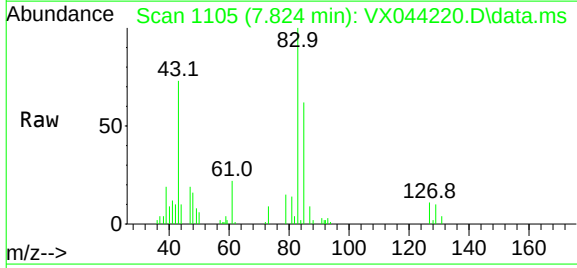
#47
Bromodichloromethane
Concen: 4.420 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83	Resp: 10646
Ion Ratio	Lower Upper
83 100	
85 61.7	50.6 75.8
127 11.1	7.3 10.9

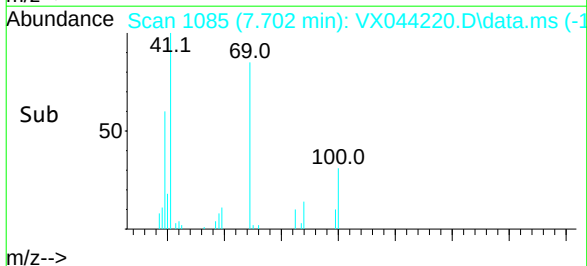
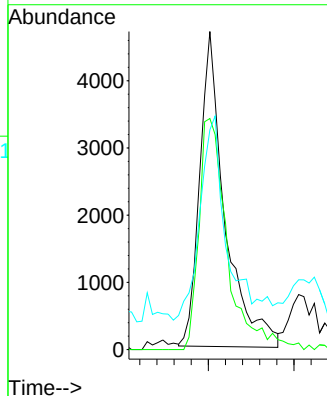
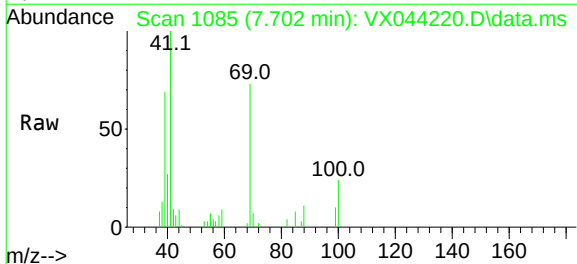
Manual Integrations
APPROVED

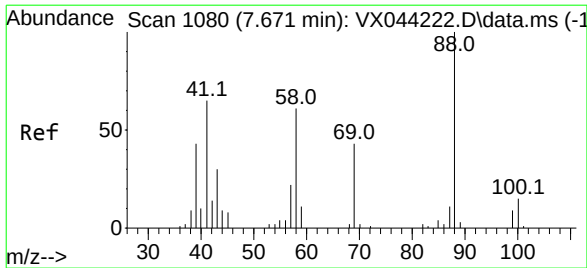
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 4.410 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41	Resp: 9586
Ion Ratio	Lower Upper
41 100	
69 82.8	62.4 93.6
39 66.7	53.3 79.9





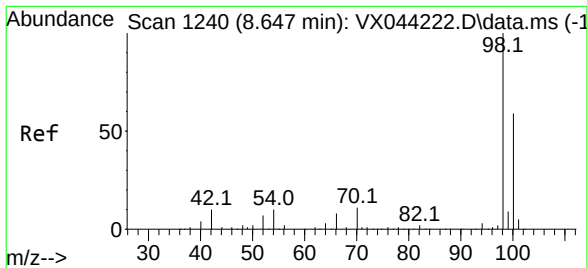
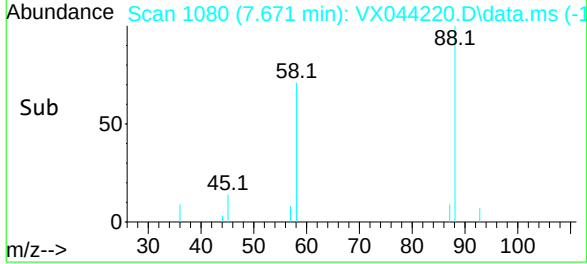
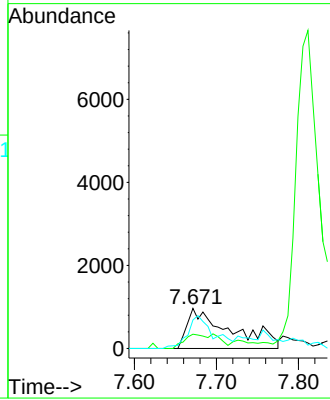
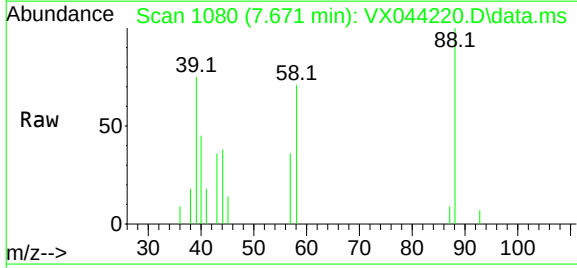
#49
1,4-Dioxane
Concen: 95.429 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3545
Ion Ratio Lower Upper
88 100
43 18.3 27.1 40.7#
58 48.3 41.0 61.4

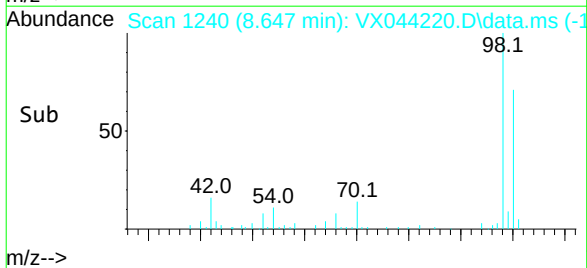
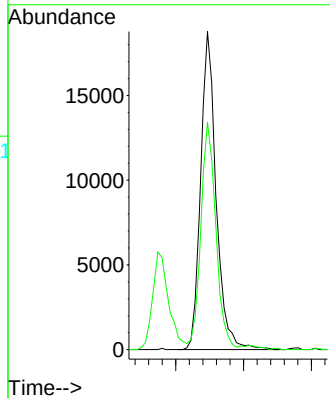
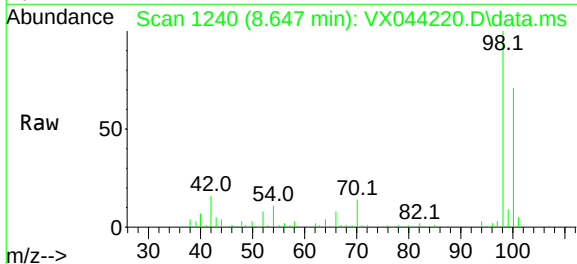
Manual Integrations
APPROVED

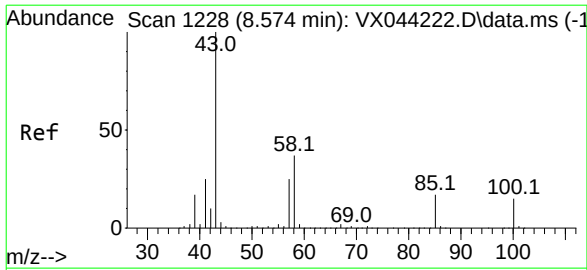
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 4.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 98 Resp: 29732
Ion Ratio Lower Upper
98 100
100 67.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 24.759 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 71285

Ion Ratio Lower Upper

43 100

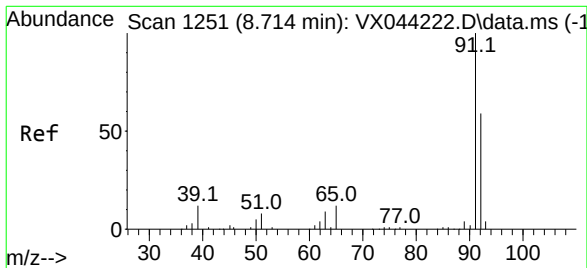
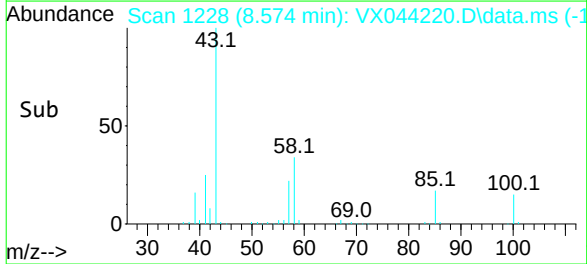
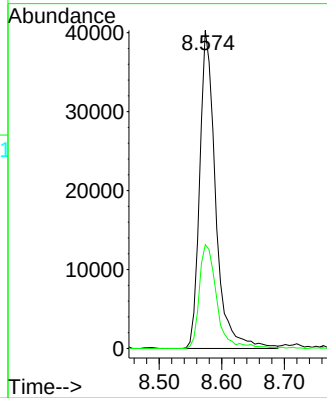
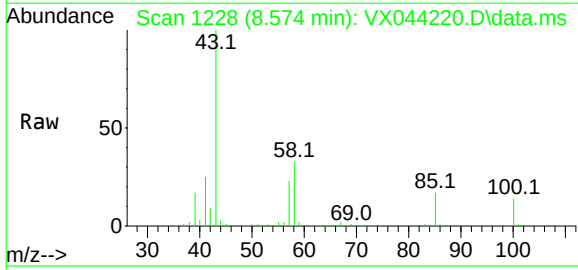
58 35.7 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#52

Toluene

Concen: 4.862 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044220.D

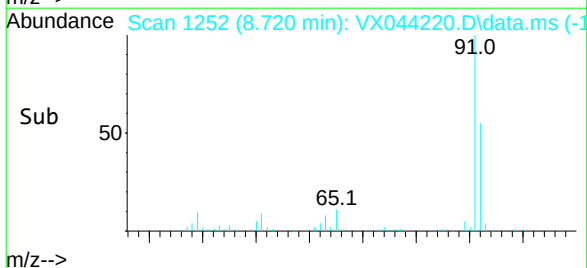
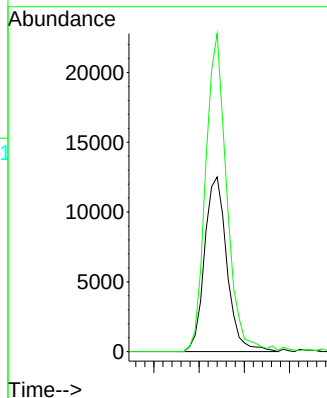
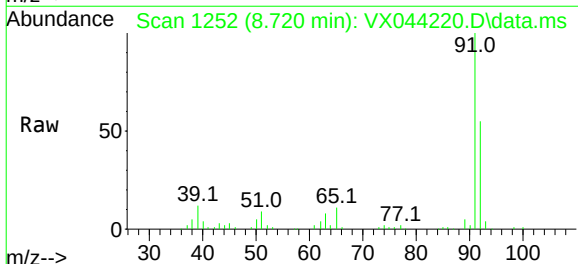
Acq: 11 Dec 2024 11:27

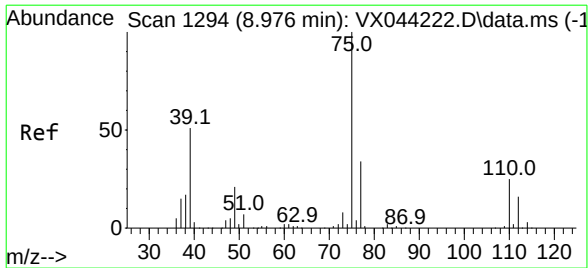
Tgt Ion: 92 Resp: 21486

Ion Ratio Lower Upper

92 100

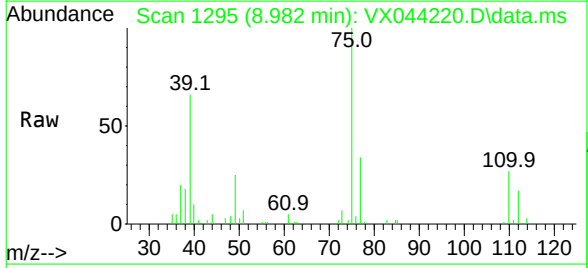
91 173.0 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 4.665 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

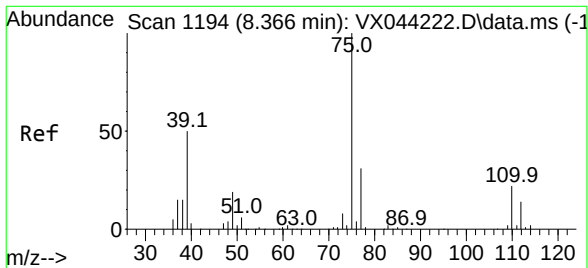
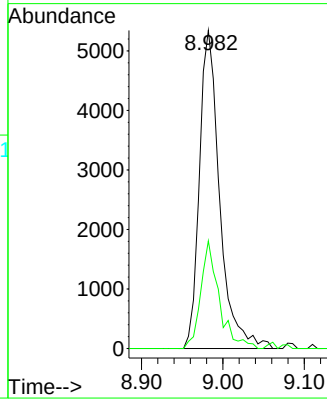
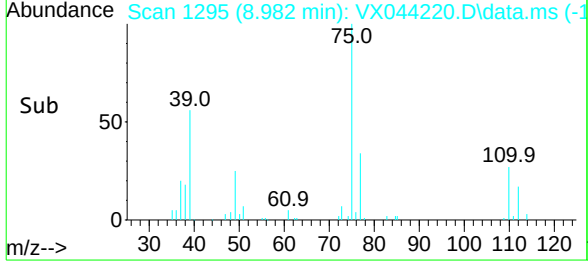
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



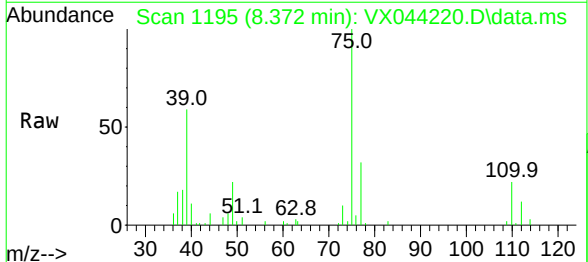
Tgt Ion: 75 Resp: 9232
Ion Ratio Lower Upper
75 100
77 33.8 27.2 40.8

Manual Integrations
APPROVED

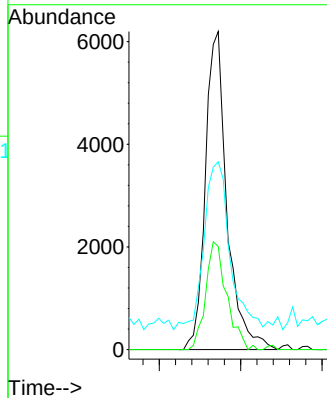
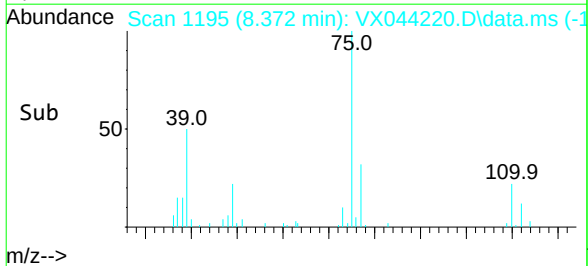
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

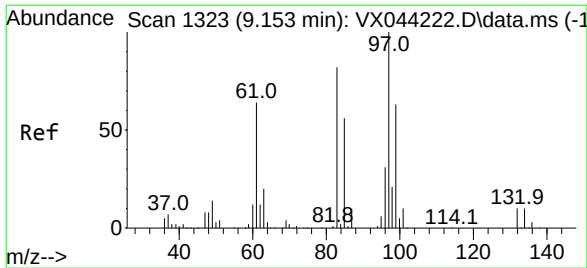


#54
cis-1,3-Dichloropropene
Concen: 4.348 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27



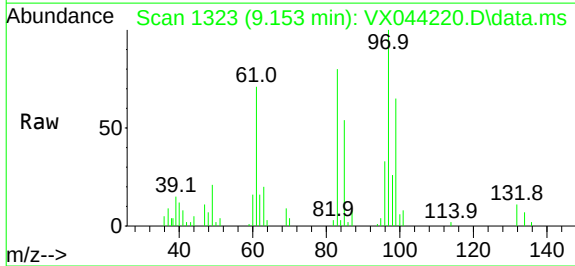
Tgt Ion: 75 Resp: 11404
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 50.5 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 4.893 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

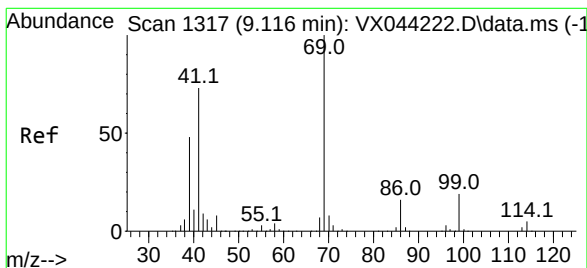
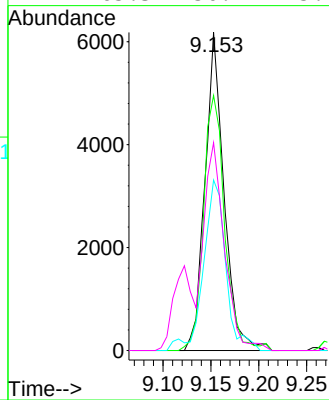
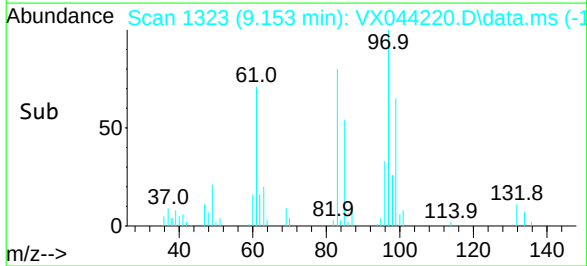
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



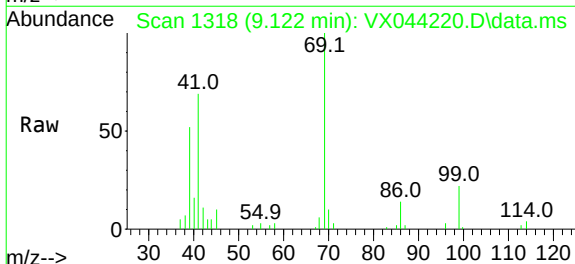
Tgt Ion:	97	Resp:	8596
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.3	97.9
85	53.6	44.6	67.0
99	65.3	50.2	75.2

Manual Integrations
APPROVED

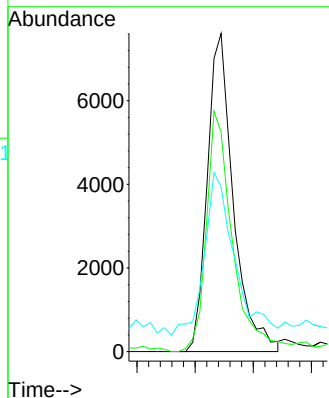
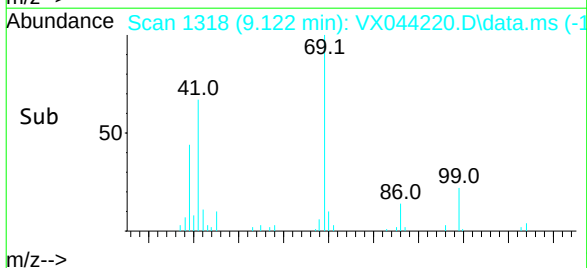
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

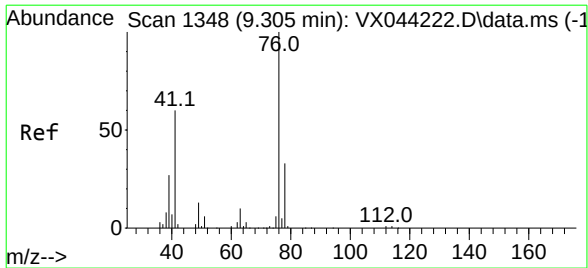


#56
Ethyl methacrylate
Concen: 4.277 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27



Tgt Ion:	69	Resp:	11854
Ion	Ratio	Lower	Upper
69	100		
41	76.0	56.6	85.0
39	58.7	37.4	56.0





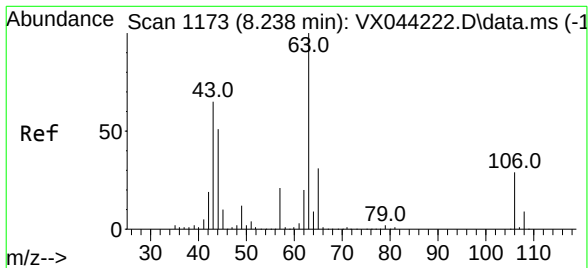
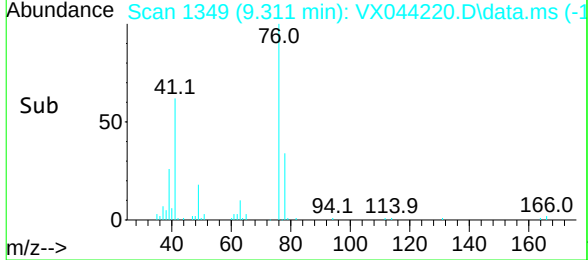
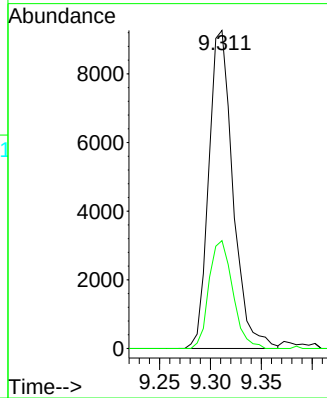
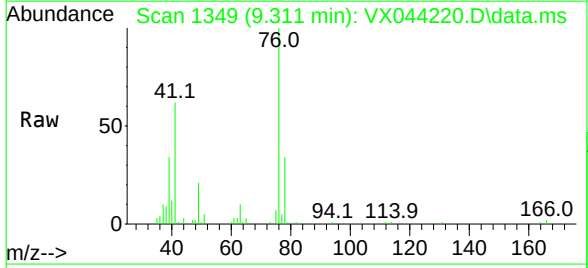
#57
1,3-Dichloropropane
Concen: 5.024 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 15352
Ion Ratio Lower Upper
76 100
78 33.3 26.5 39.7

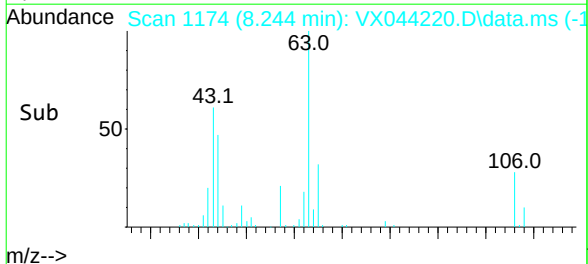
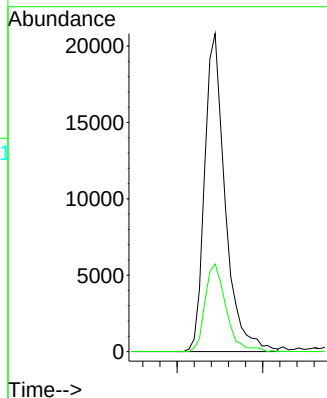
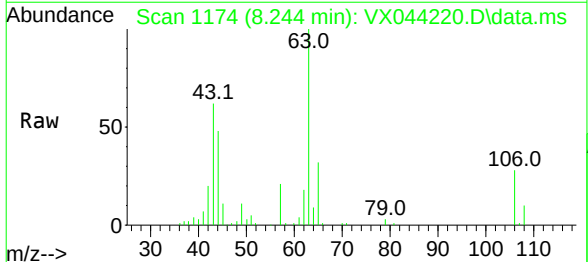
Manual Integrations
APPROVED

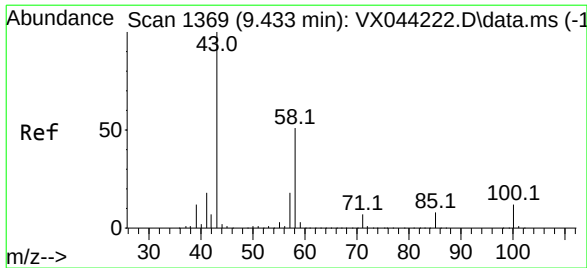
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.852 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 34738
Ion Ratio Lower Upper
63 100
106 28.1 22.8 34.2





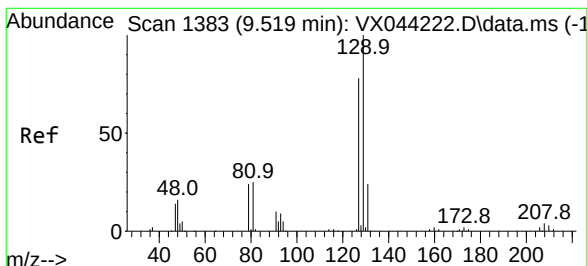
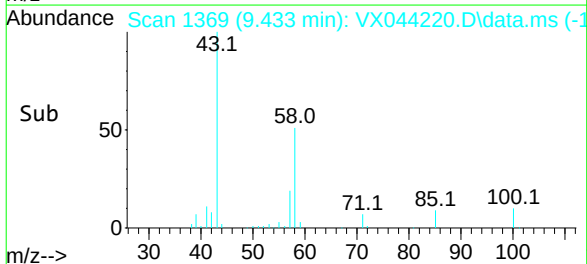
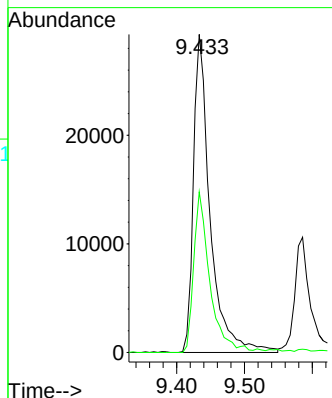
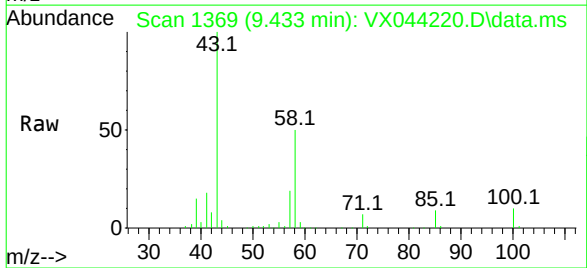
#59
2-Hexanone
Concen: 23.994 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 43 Resp: 50003
Ion Ratio Lower Upper
43 100
58 48.6 25.7 77.0

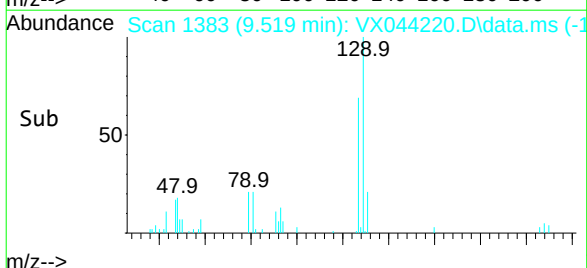
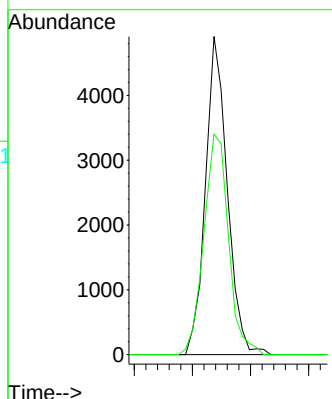
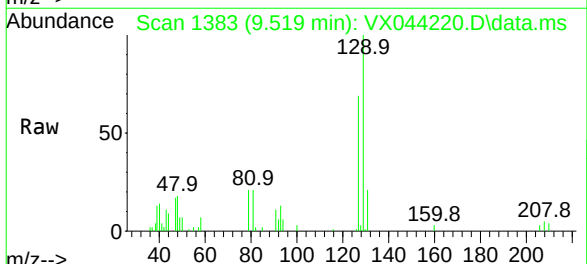
Manual Integrations
APPROVED

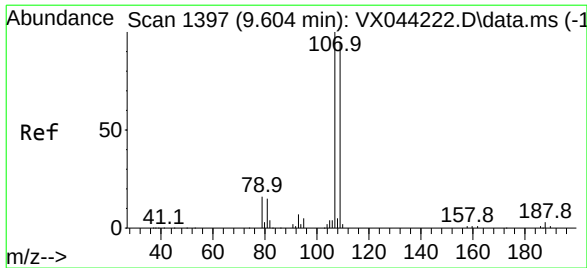
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 4.738 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:129 Resp: 6411
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





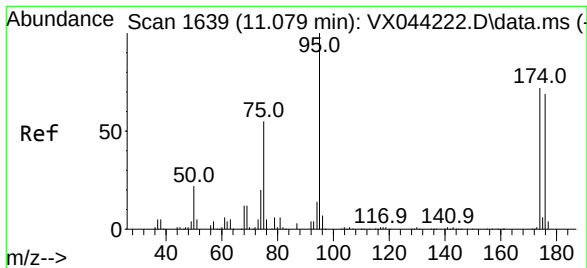
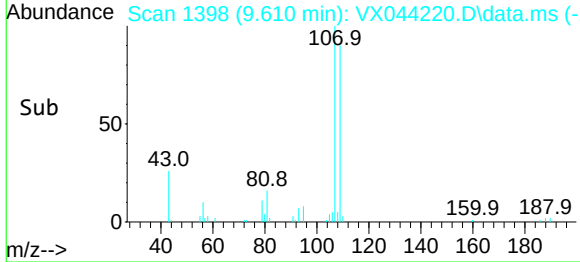
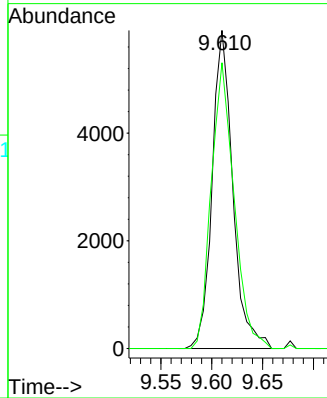
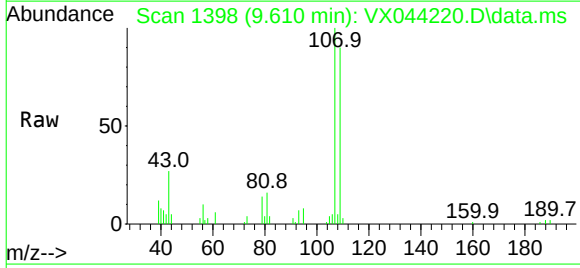
#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 8330
Ion Ratio Lower Upper
107 100
109 99.5 77.0 115.4

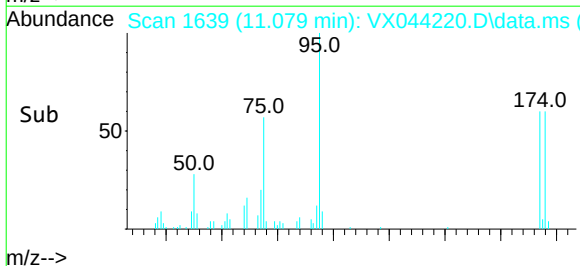
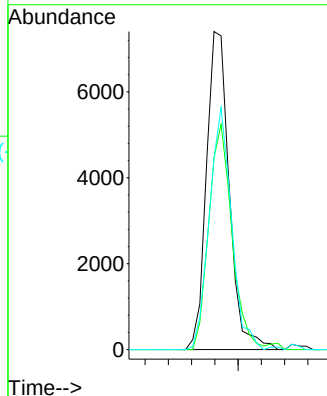
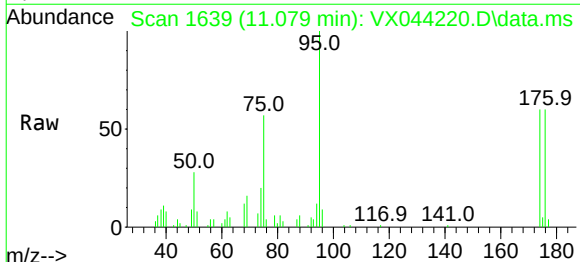
Manual Integrations
APPROVED

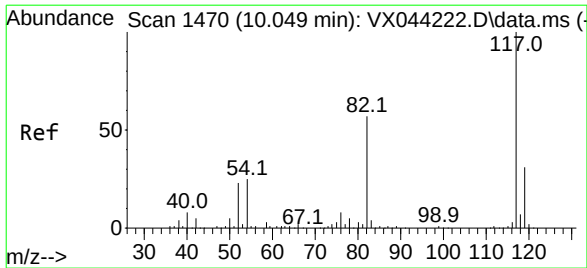
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#62
4-Bromofluorobenzene
Concen: 4.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 95 Resp: 10101
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.8
176 74.4 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: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

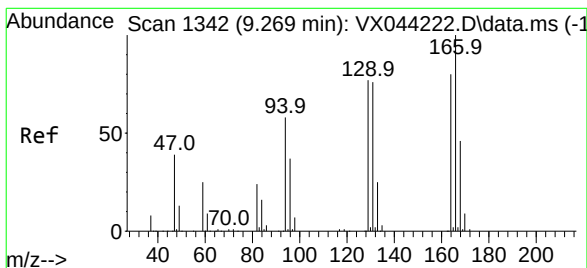
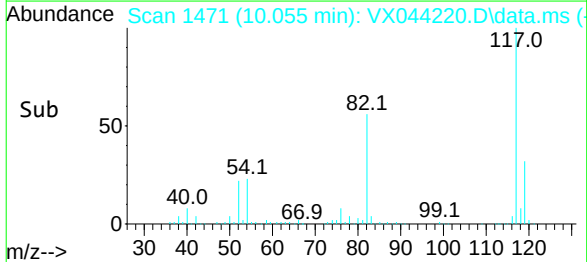
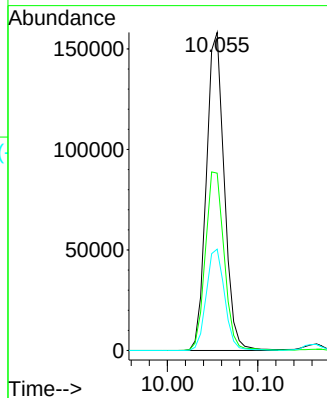
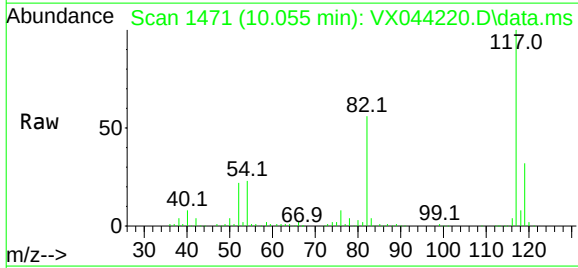
Tgt Ion:	117	Resp:	217783
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.8	68.8
119	31.9	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 5.334 ug/l

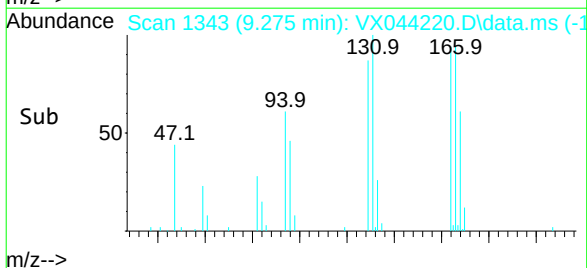
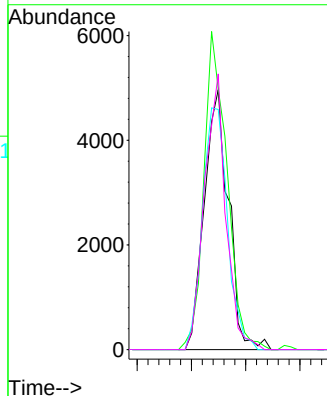
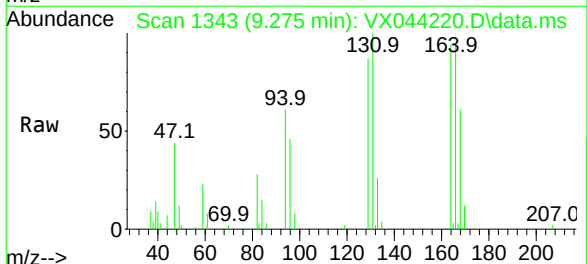
RT: 9.275 min Scan# 1343

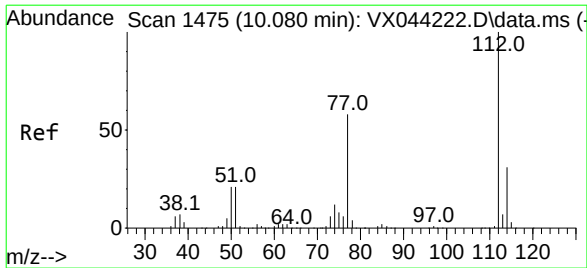
Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	164	Resp:	7710
Ion	Ratio	Lower	Upper
164	100		
166	100.3	100.4	150.6
129	92.5	77.2	115.8
131	106.2	76.2	114.2





#65

Chlorobenzene

Concen: 4.986 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:112 Resp: 23268

Ion Ratio Lower Upper

112 100

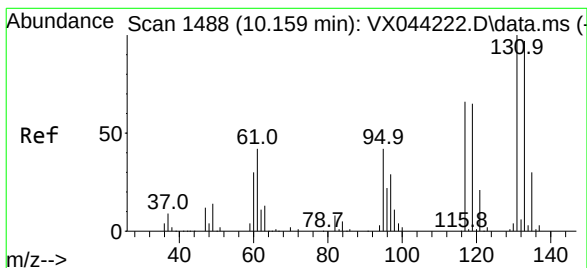
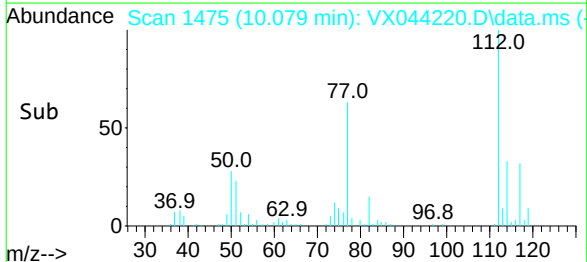
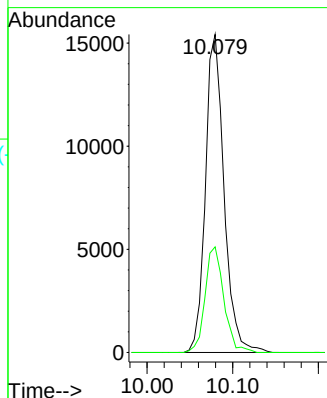
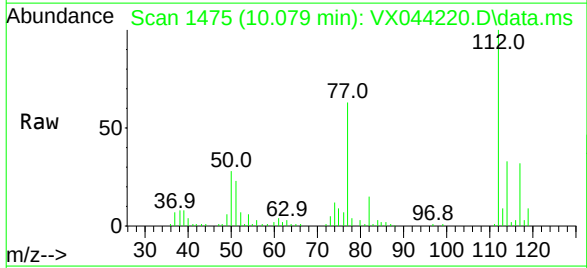
114 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.432 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

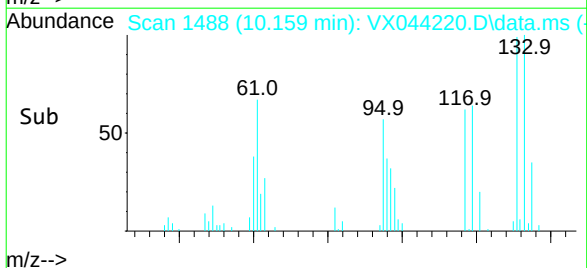
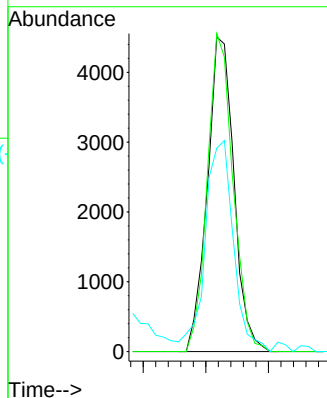
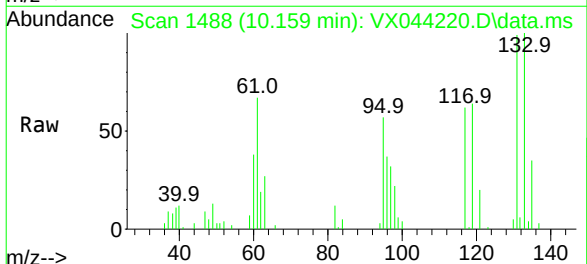
Tgt Ion:131 Resp: 6647

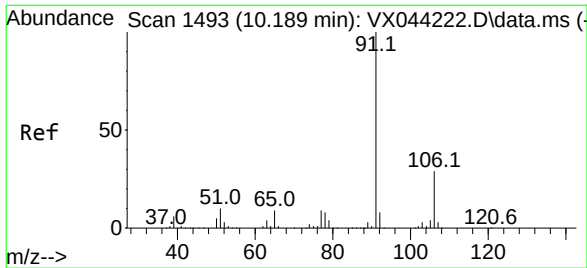
Ion Ratio Lower Upper

131 100

133 97.7 47.3 141.8

119 70.8 31.6 95.0





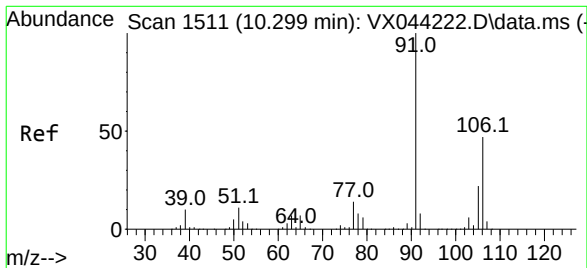
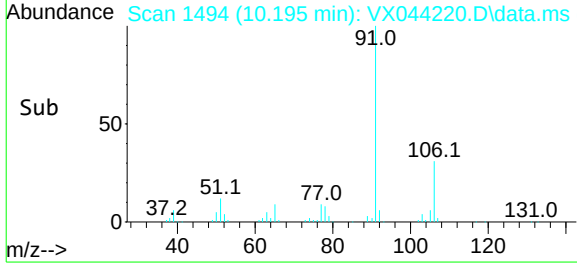
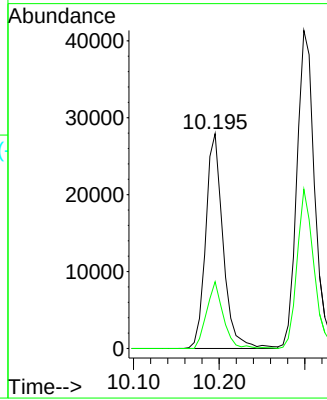
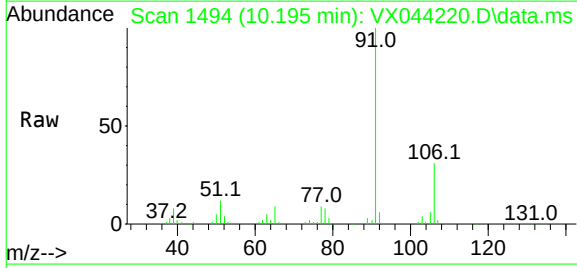
#67
Ethyl Benzene
Concen: 4.877 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 39326
Ion Ratio Lower Upper
91 100
106 31.1 23.5 35.3

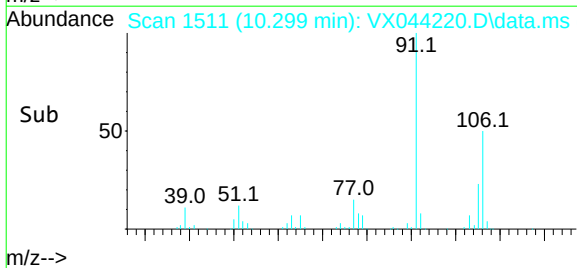
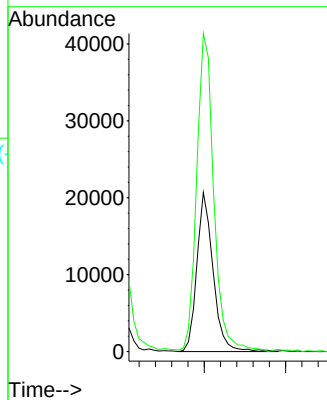
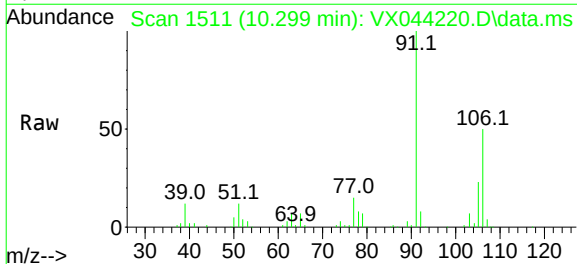
Manual Integrations
APPROVED

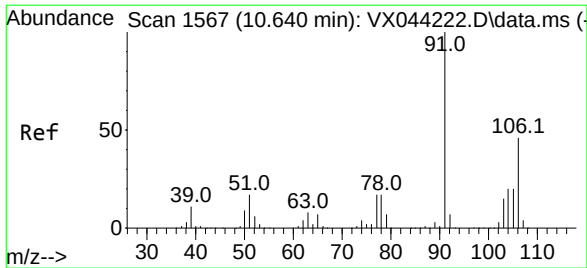
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#68
m/p-Xylenes
Concen: 9.720 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:106 Resp: 28758
Ion Ratio Lower Upper
106 100
91 210.2 170.2 255.2





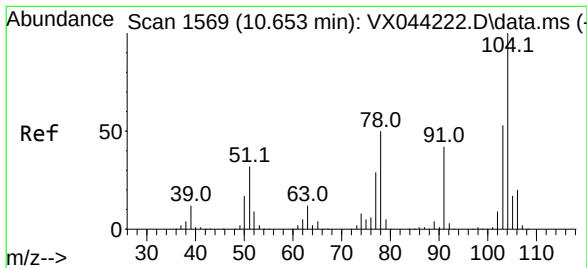
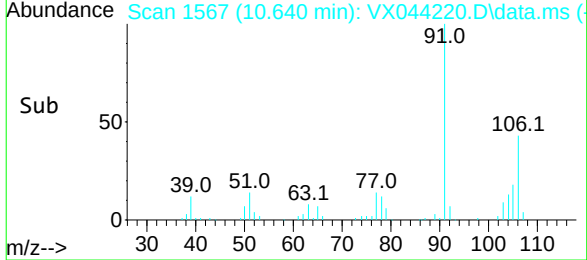
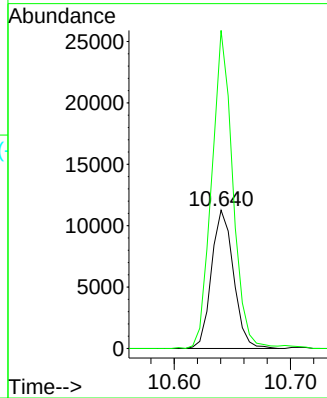
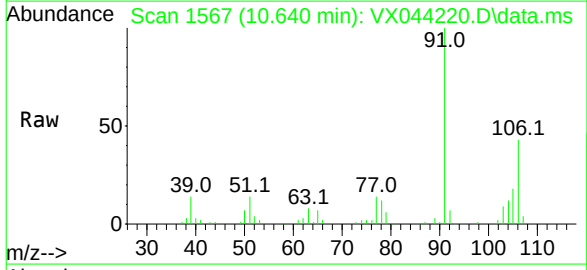
#69
o-Xylene
Concen: 4.965 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14864
Ion Ratio Lower Upper
106 100
91 219.3 112.3 337.0

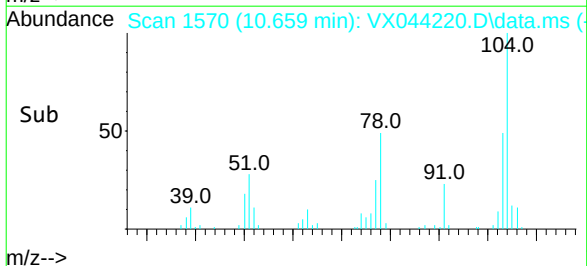
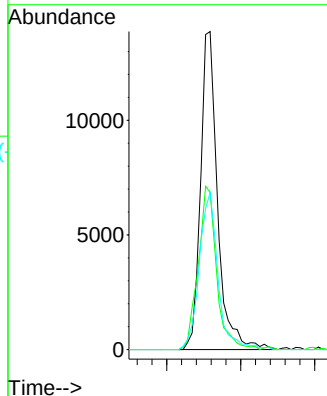
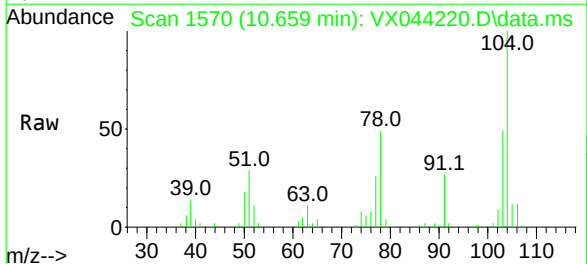
Manual Integrations
APPROVED

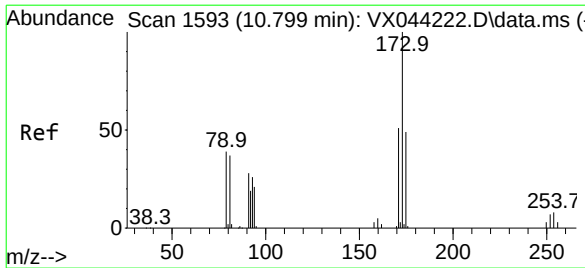
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#70
Styrene
Concen: 4.624 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:104 Resp: 22191
Ion Ratio Lower Upper
104 100
78 55.5 44.6 67.0
103 54.6 45.4 68.0





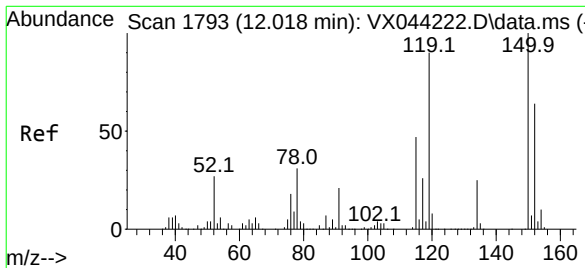
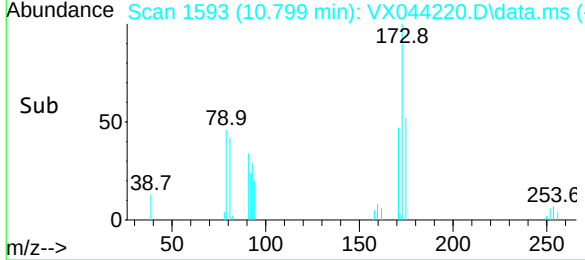
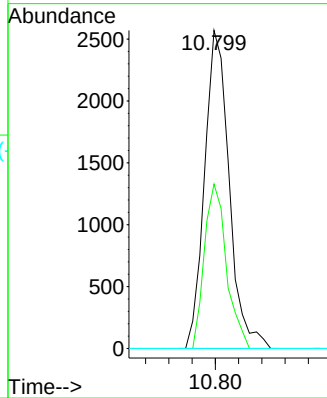
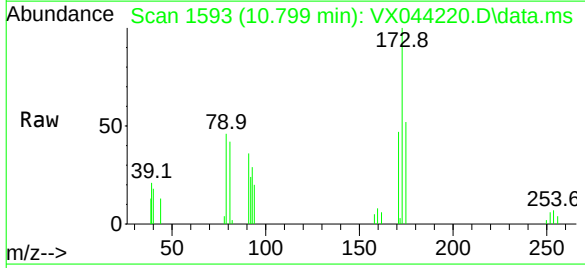
#71
Bromoform
Concen: 5.118 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:	173	Resp:	3775
Ion Ratio	Lower	Upper	
173	100		
175	46.3	23.8	71.4
254	0.0	0.0	0.0

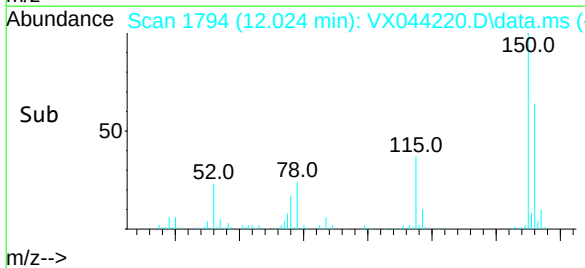
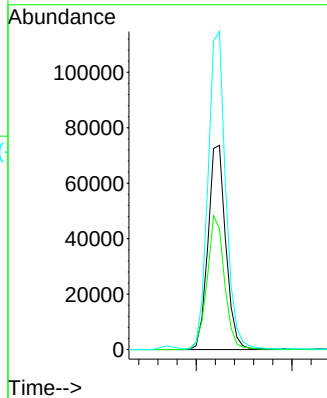
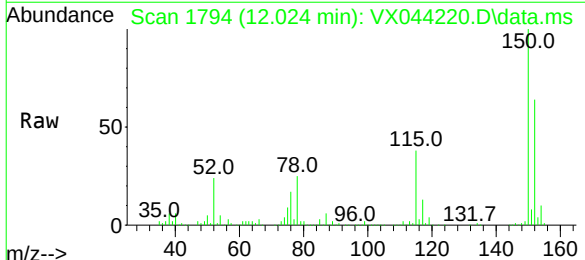
Manual Integrations
APPROVED

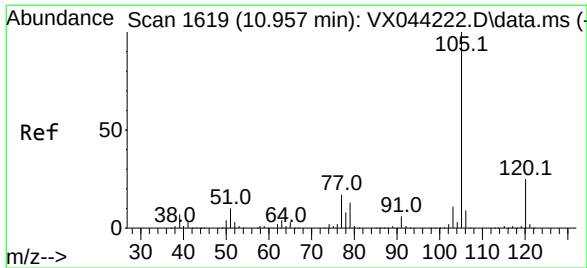
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	152	Resp:	95175
Ion Ratio	Lower	Upper	
152	100		
115	64.2	44.5	133.3
150	154.3	0.0	353.8





#73

Isopropylbenzene

Concen: 5.194 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 37843

Ion Ratio Lower Upper

105 100

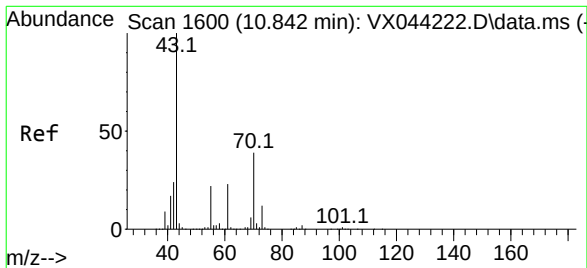
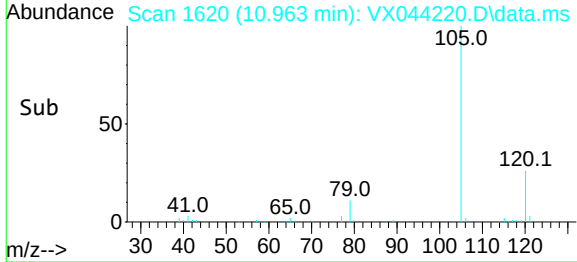
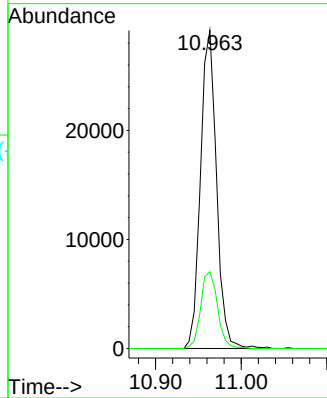
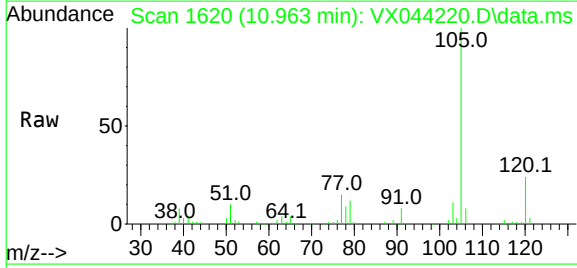
120 25.4 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-aryl acetate

Concen: 4.579 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 15418

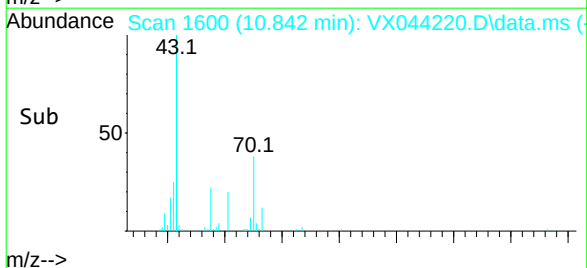
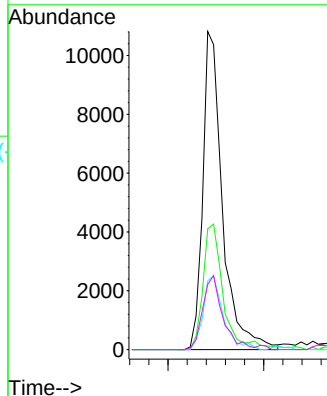
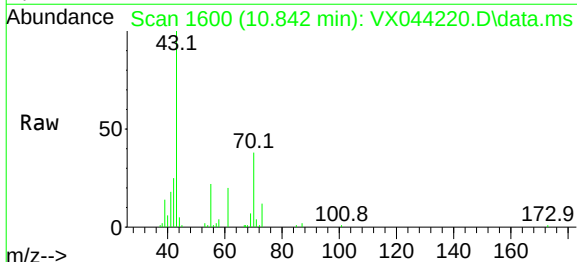
Ion Ratio Lower Upper

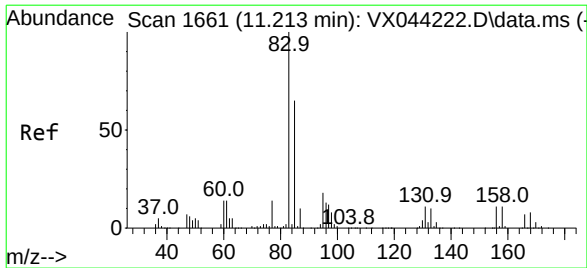
43 100

70 41.2 31.9 47.9

55 23.7 17.9 26.9

61 23.6 17.9 26.9





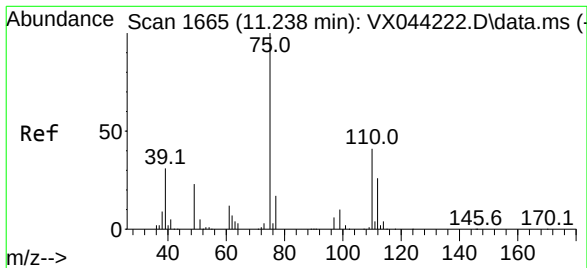
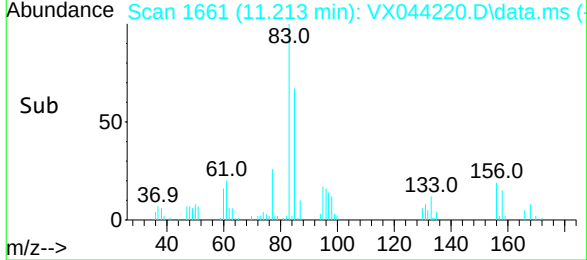
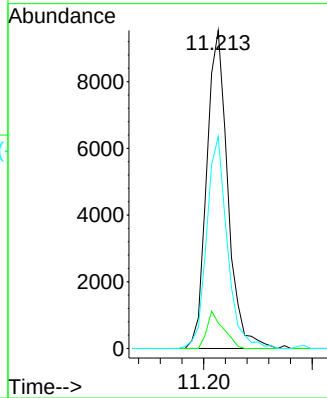
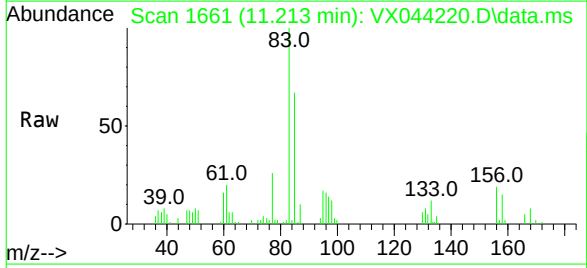
#75
1,1,2,2-Tetrachloroethane
Concen: 5.077 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.4
85	65.3	32.5	97.4

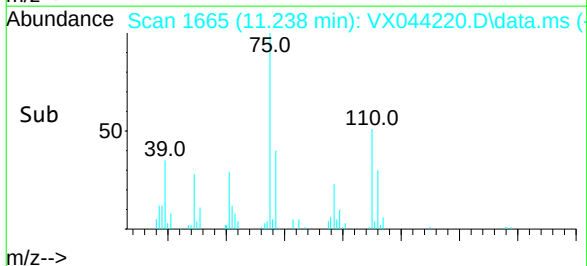
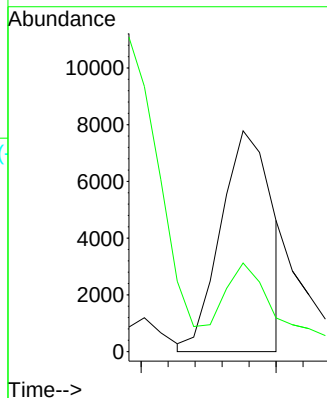
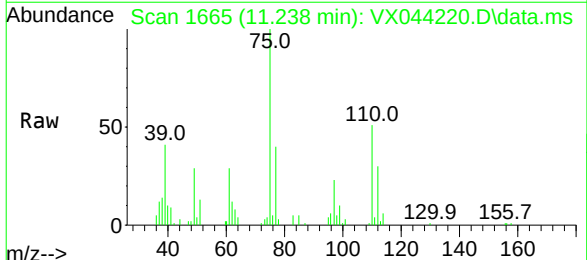
Manual Integrations
APPROVED

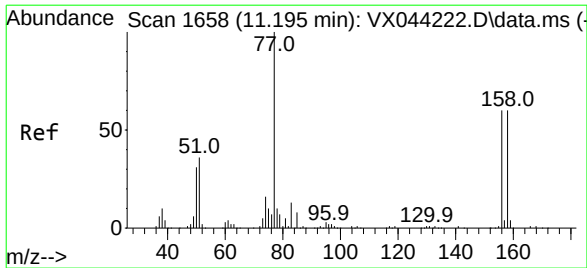
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 4.740 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.4	20.9	62.7





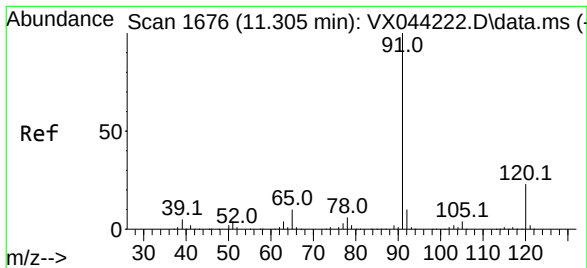
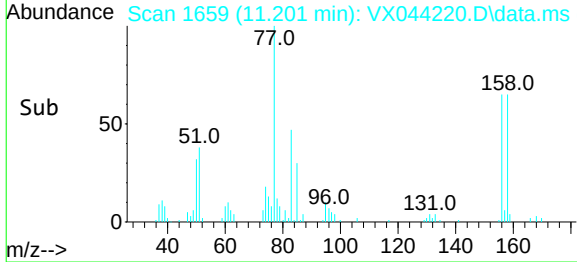
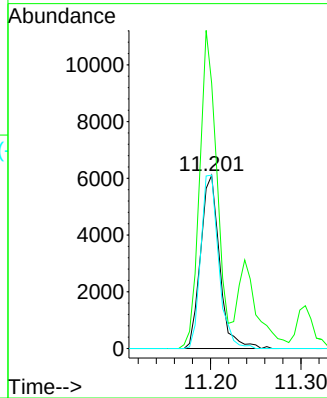
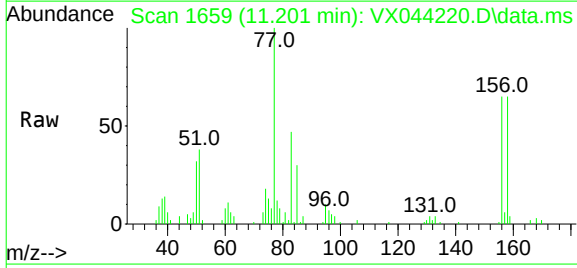
#77
Bromobenzene
Concen: 5.033 ug/l
RT: 11.201 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 8892
Ion Ratio Lower Upper
156 100
77 165.4 82.6 247.8
158 94.7 48.8 146.4

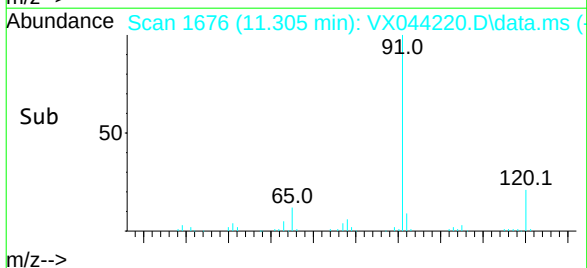
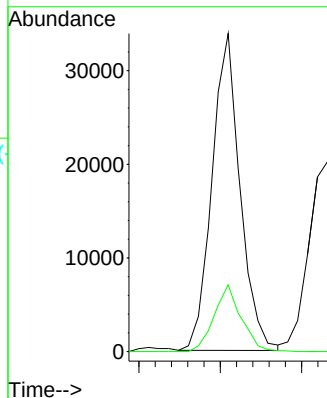
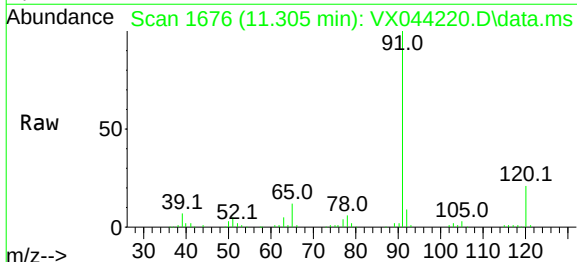
Manual Integrations
APPROVED

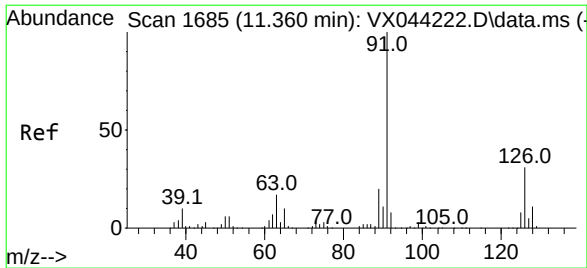
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 5.038 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 40574
Ion Ratio Lower Upper
91 100
120 20.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.203 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 27096

Ion Ratio Lower Upper

91 100

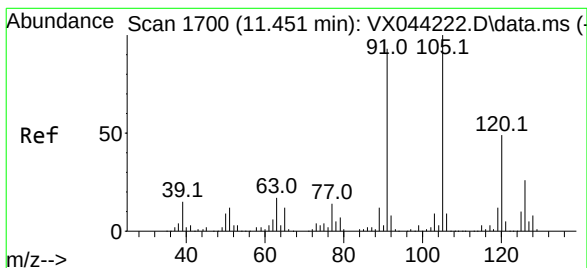
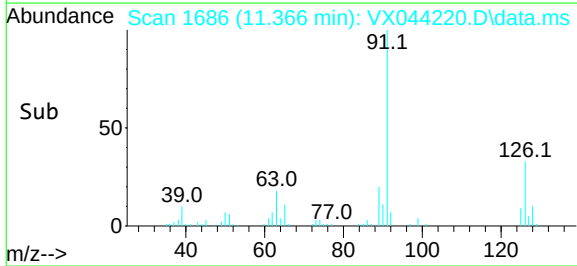
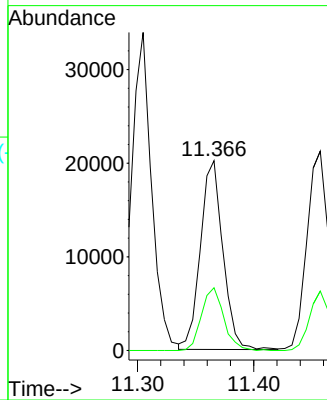
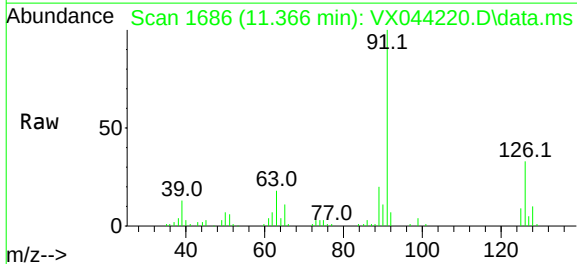
126 33.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.075 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044220.D

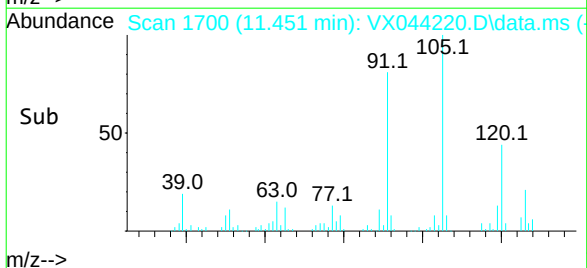
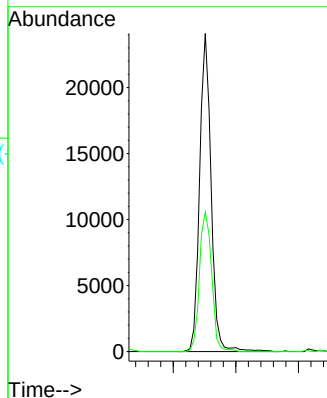
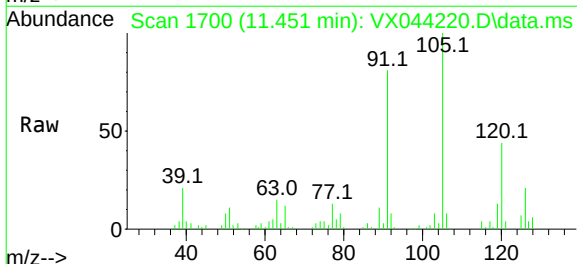
Acq: 11 Dec 2024 11:27

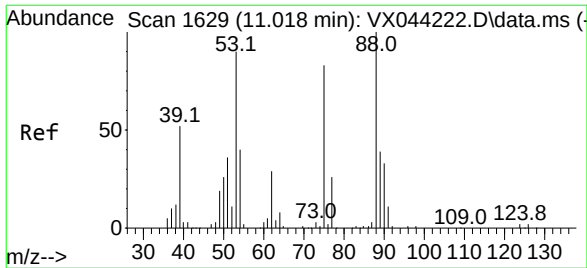
Tgt Ion:105 Resp: 30665

Ion Ratio Lower Upper

105 100

120 46.6 23.8 71.4





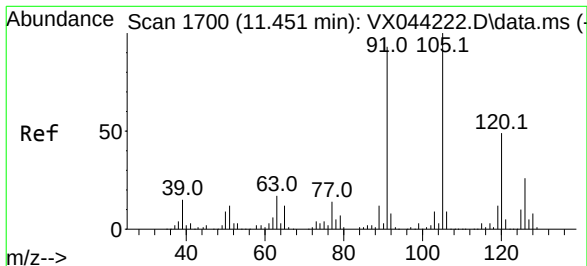
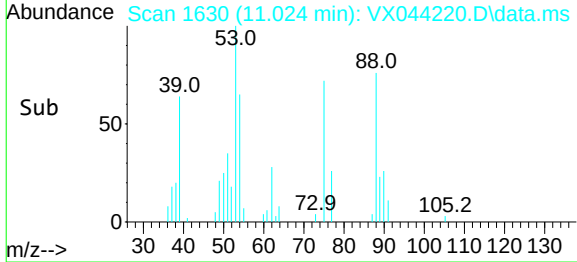
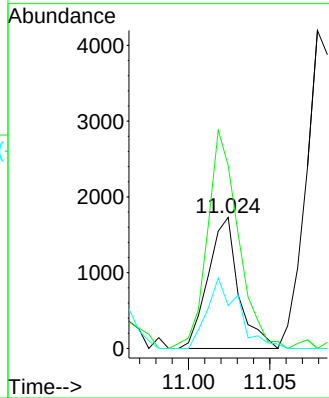
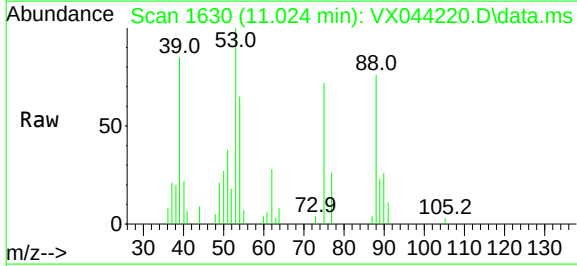
#81
trans-1,4-Dichloro-2-butene
Concen: 8.273 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	168.9	93.6	140.4
89	55.5	37.3	55.9

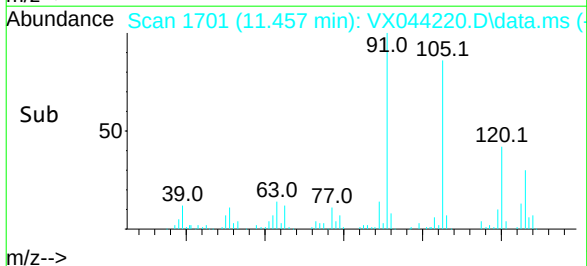
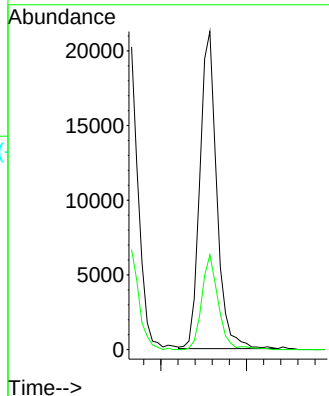
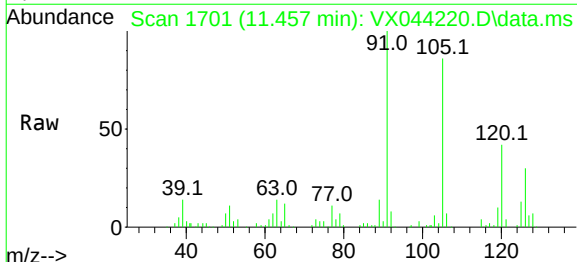
Manual Integrations
APPROVED

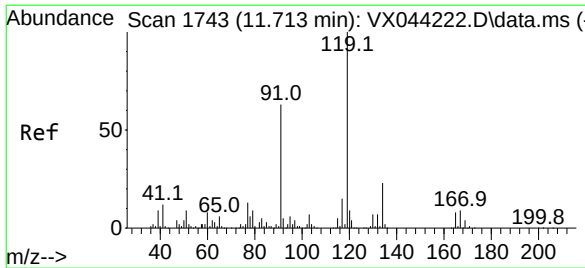
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.5	43.5





#83

tert-Butylbenzene

Concen: 4.904 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

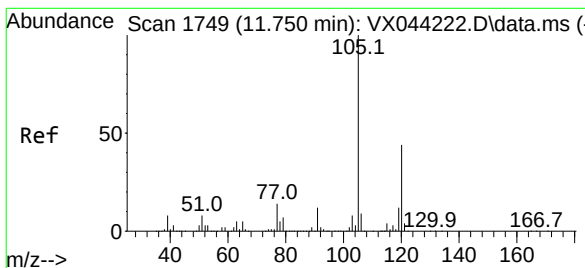
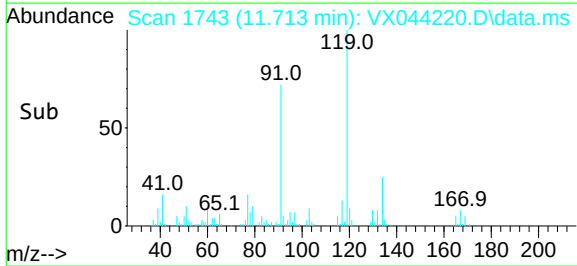
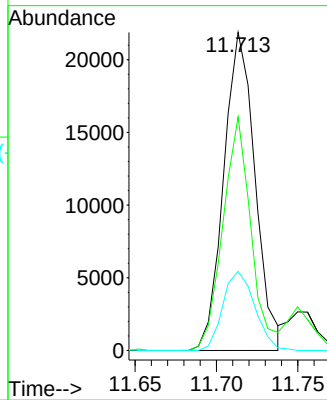
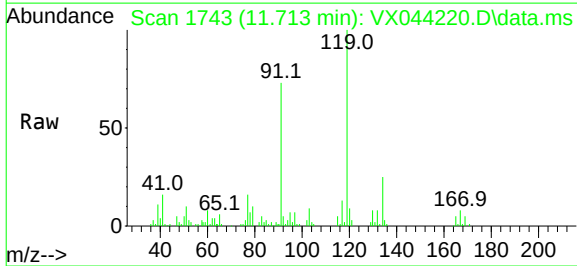
Tgt Ion:	119	Resp:	29283
Ion Ratio	Lower	Upper	
119	100		
91	65.9	30.9	92.5
134	25.3	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.219 ug/l

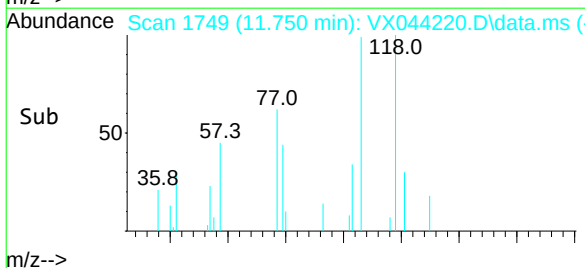
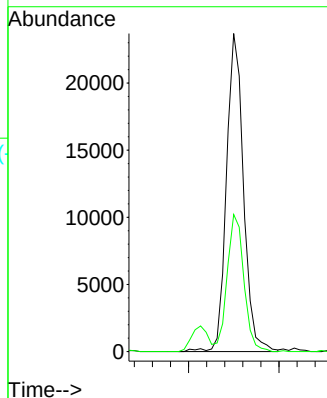
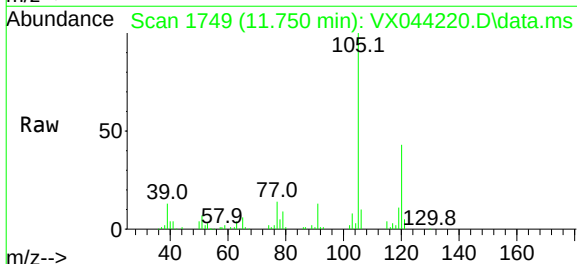
RT: 11.750 min Scan# 1749

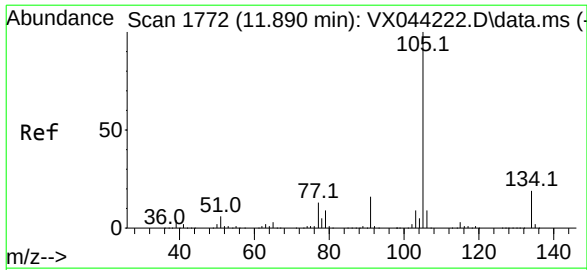
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	105	Resp:	30970
Ion Ratio	Lower	Upper	
105	100		
120	42.6	21.7	65.1





#85

sec-Butylbenzene

Concen: 4.921 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 35670

Ion Ratio Lower Upper

105 100

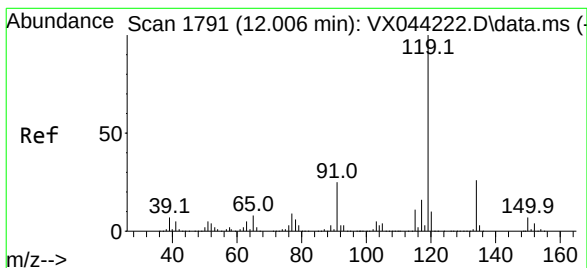
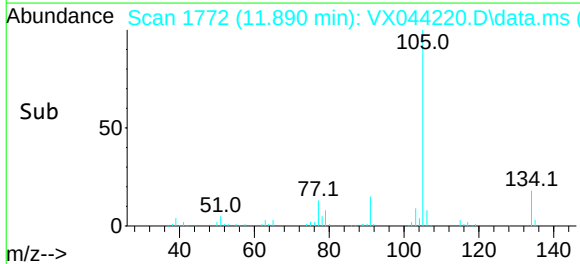
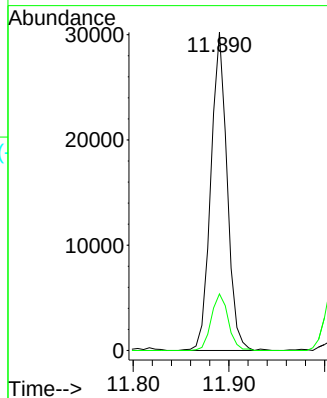
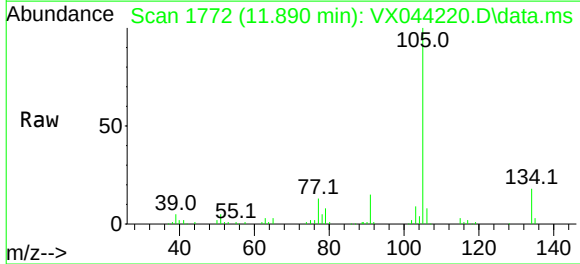
134 18.6 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 4.828 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

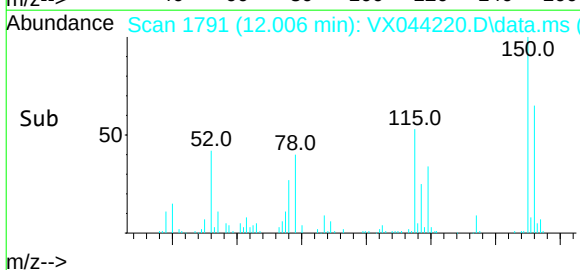
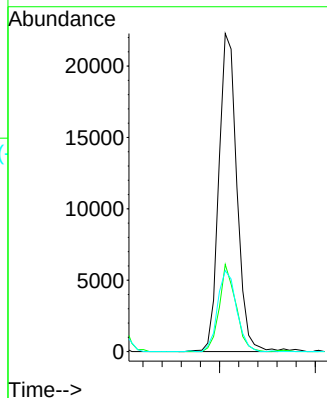
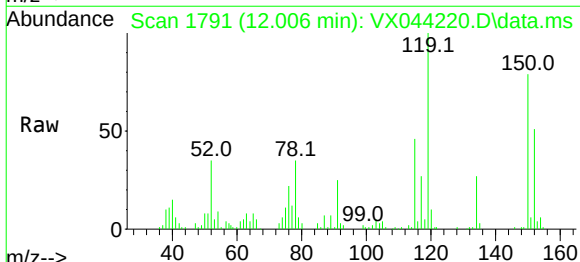
Tgt Ion:119 Resp: 29132

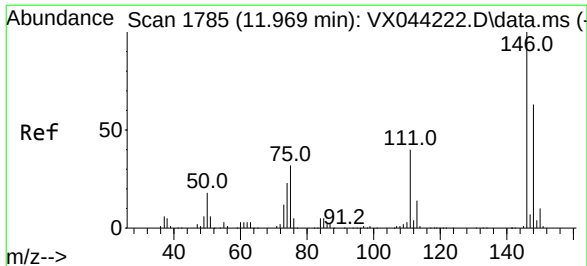
Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 26.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 5.039 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

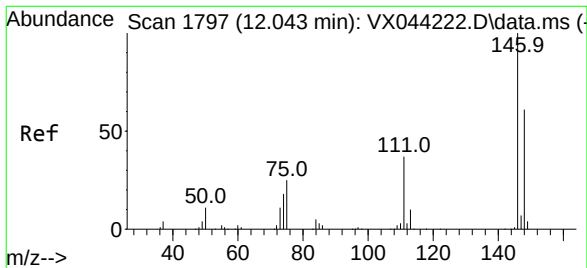
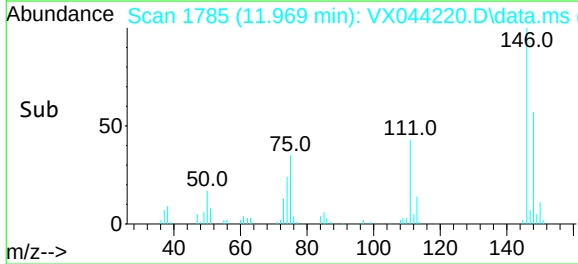
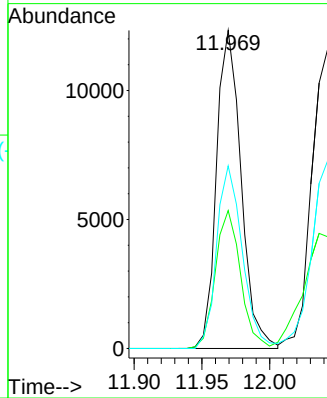
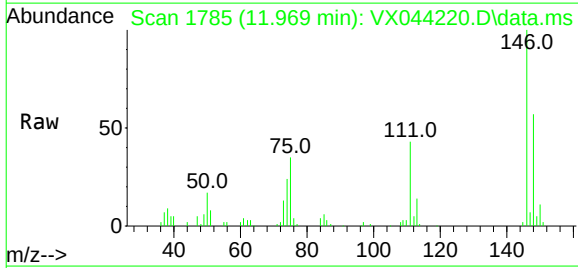
Tgt Ion:	146	Resp:	15553
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.4	64.2
148	60.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 4.920 ug/l

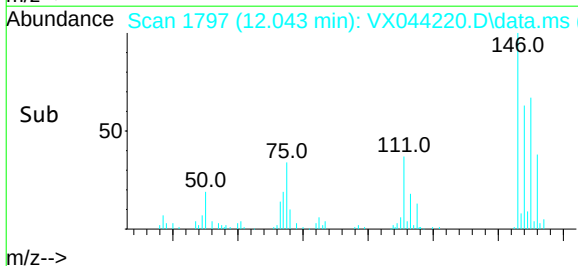
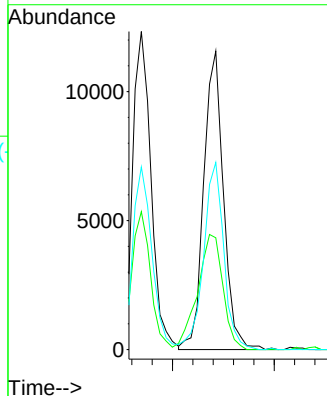
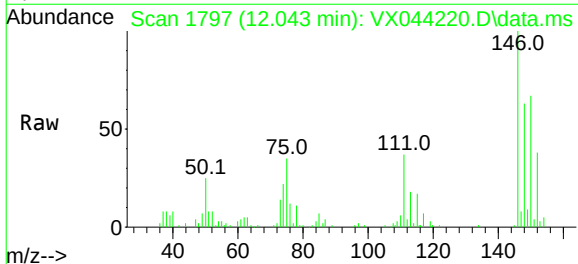
RT: 12.043 min Scan# 1797

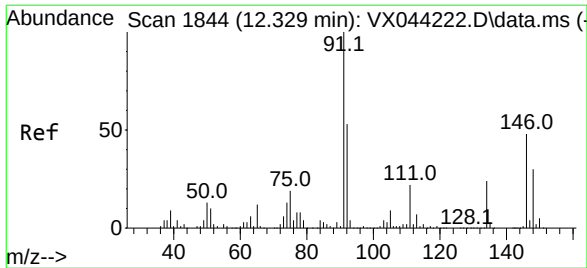
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	146	Resp:	15609
Ion Ratio	Lower	Upper	
146	100		
111	49.5	21.0	63.0
148	64.1	32.3	96.8





#89

n-Butylbenzene

Concen: 4.478 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

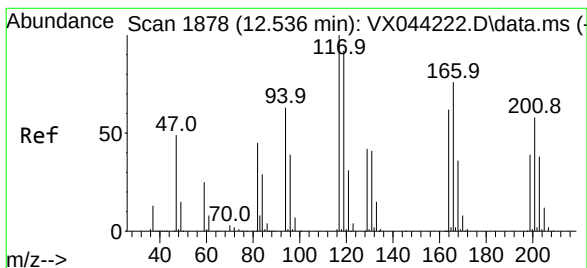
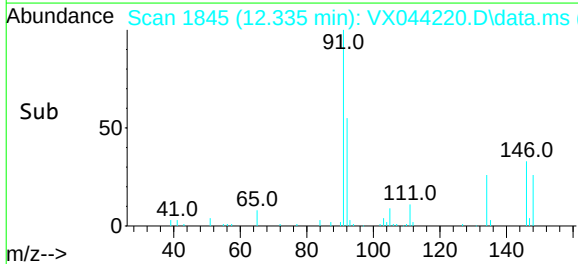
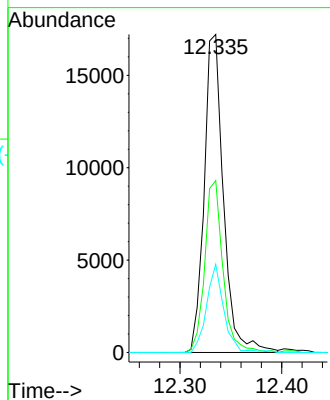
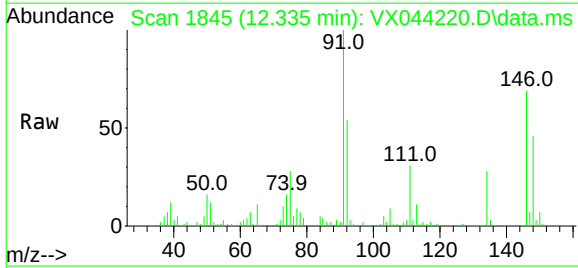
VSTDIC005

Tgt Ion:	91	Resp:	22719
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.7
134	24.9	12.6	37.8

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 4.275 ug/l

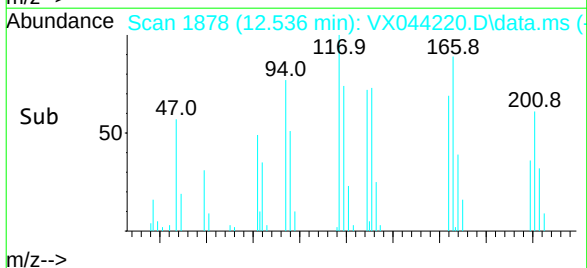
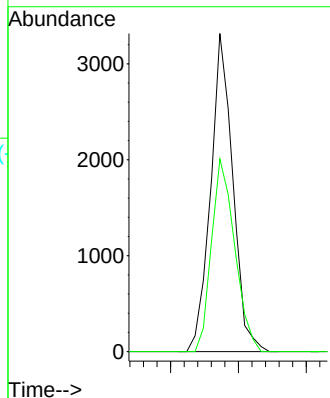
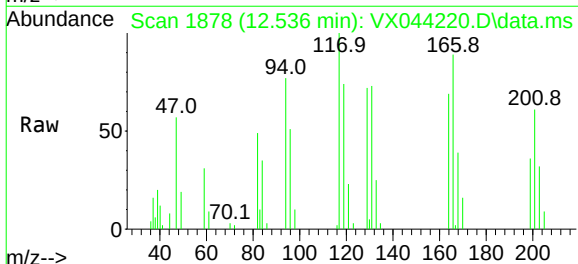
RT: 12.536 min Scan# 1878

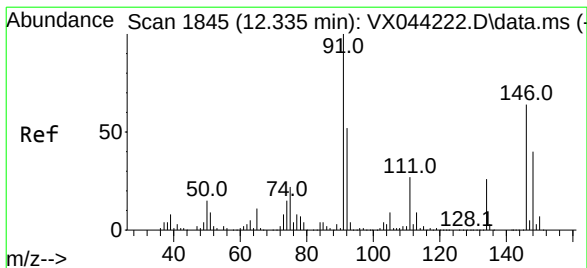
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	117	Resp:	3765
Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 4.949 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

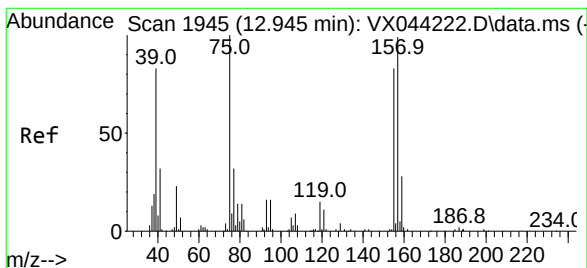
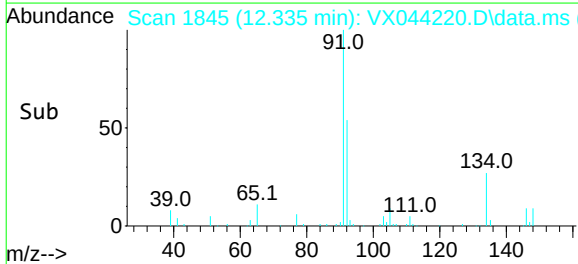
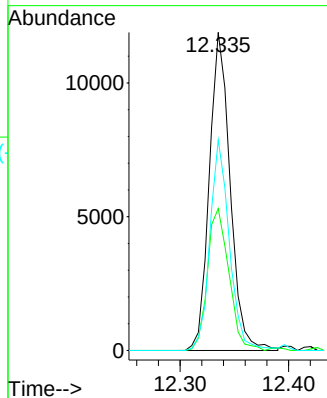
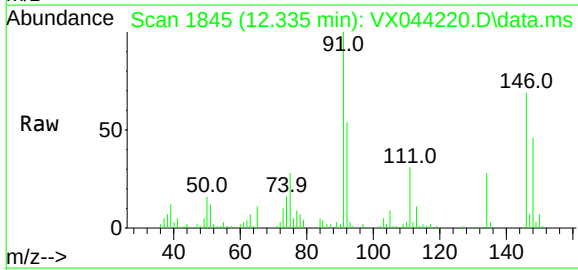
Tgt Ion:	146	Resp:	15858
Ion Ratio	Lower	Upper	
146	100		
111	45.8	21.4	64.3
148	62.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.385 ug/l

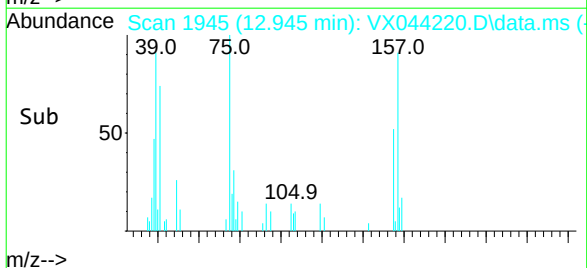
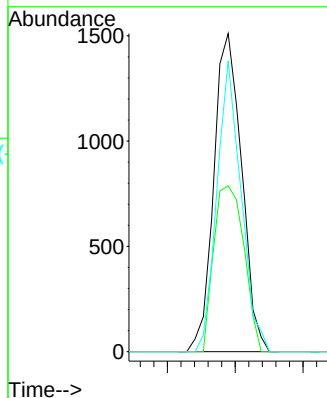
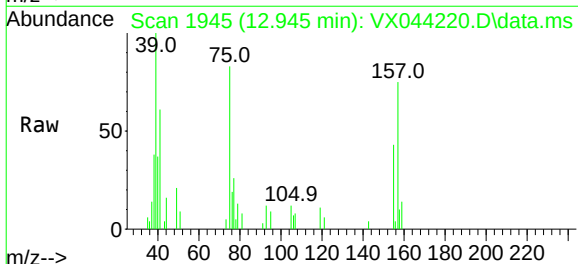
RT: 12.945 min Scan# 1945

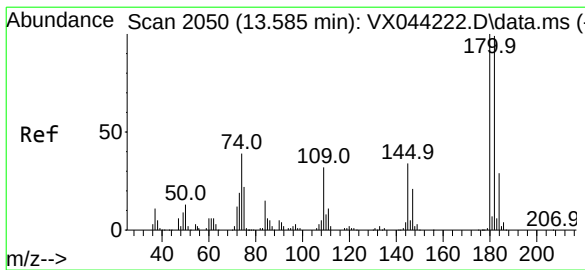
Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	75	Resp:	2154
Ion Ratio	Lower	Upper	
75	100		
155	56.5	38.1	114.3
157	79.4	47.2	141.6





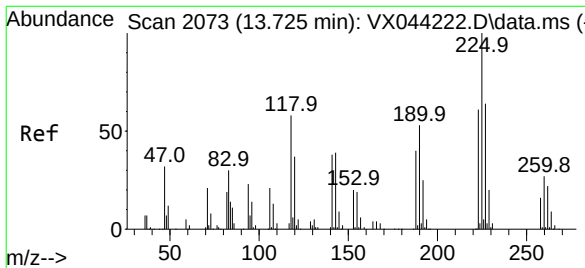
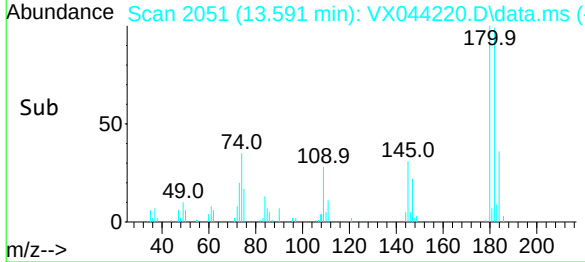
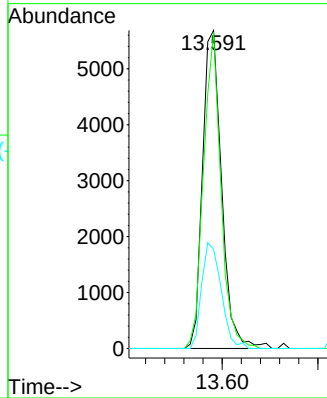
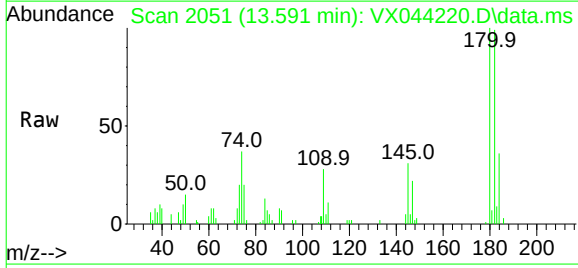
#93
1,2,4-Trichlorobenzene
Concen: 4.478 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.0	144.2
145	33.9	16.6	49.7

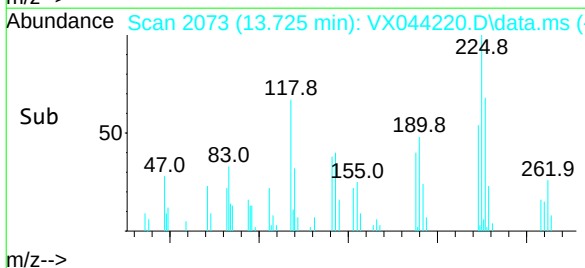
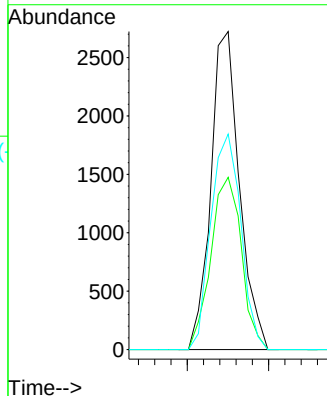
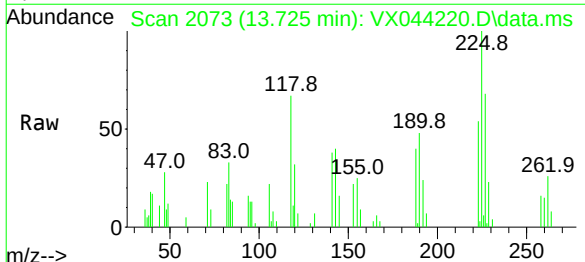
Manual Integrations
APPROVED

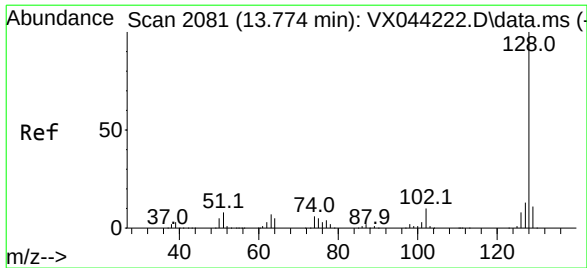
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#94
Hexachlorobutadiene
Concen: 4.700 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.9	30.8	92.4
227	71.2	32.1	96.3





#95

Naphthalene

Concen: 4.643 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

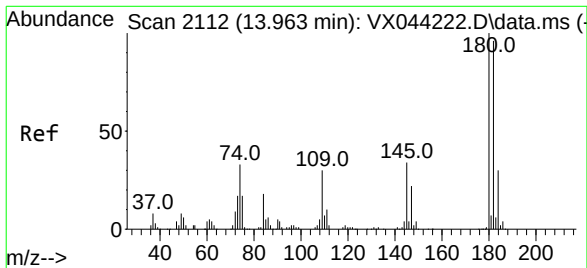
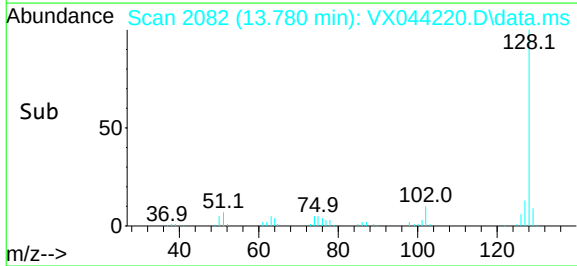
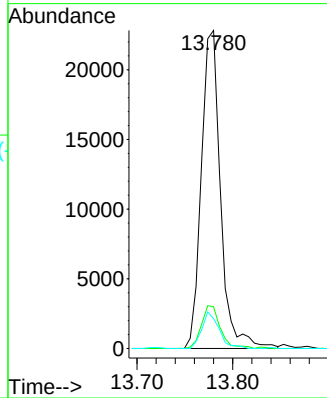
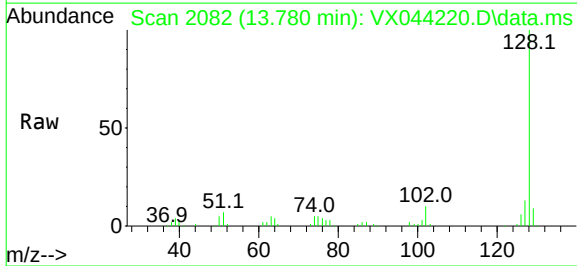
Tgt Ion:	128	Resp:	31842
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.520 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:	180	Resp:	8422
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	35.2	17.7	53.1

