

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035804.D
 Acq On : 23 May 2023 09:42
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 23 11:18:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	35466	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	192606	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	174574	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	86440	26.016	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	=	86.733%	#
60) 4-Bromofluorobenzene	11.079	95	87075	25.598	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	=	85.333%	
63) Toluene-d8	8.647	98	230562	36.673	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	=	122.233%	#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23308	7.849	ug/l	97
3) Chloromethane	1.294	50	39425	10.170	ug/l	95
4) Vinyl Chloride	1.374	62	34561	9.057	ug/l	93
5) Bromomethane	1.618	94	25876	10.239	ug/l	96
6) Chloroethane	1.691	64	23021	9.233	ug/l	99
7) Trichlorofluoromethane	1.892	101	45211	7.508	ug/l	99
8) Diethyl Ether	2.136	74	24908	11.164	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	22661	7.392	ug/l	96
10) 1,1-Dichloroethene	2.319	96	29849	9.445	ug/l	92
11) Methyl Iodide	2.453	142	37382	9.275	ug/l	95
12) Methyl Acetate	2.709	43	98713	13.588	ug/l	98
13) Acrolein	2.245	56	36055	45.301	ug/l	98
14) Acrylonitrile	3.069	53	121185	61.616	ug/l	100
15) Acetone	2.404	58	37767	69.419	ug/l	99
16) Carbon Disulfide	2.514	76	59507	7.452	ug/l	98
17) Allyl chloride	2.666	41	63998	10.364	ug/l	99
18) Methylene Chloride	2.788	84	43171	11.459	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	36673	10.477	ug/l	98
20) Diisopropyl ether	3.757	45	146428	11.533	ug/l	98
21) 1,1-Dichloroethane	3.611	63	74349	10.973	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	45394	11.110	ug/l	98
23) tert-Butyl Alcohol	3.032	59	45310m	52.019	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	134642	11.305	ug/l	98
25) Chloroform	5.093	83	75430	10.900	ug/l	100
26) Cyclohexane	5.464	56	41480	7.182	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	45931	11.282	ug/l	99
30) 2-Butanone	4.574	43	179499	76.929	ug/l	100
31) 2,2-Dichloropropane	4.471	77	51010	12.245	ug/l #	81
32) 1,1,1-Trichloroethane	5.379	97	55011	11.517	ug/l	99
33) Carbon Tetrachloride	5.678	117	41181	10.494	ug/l	95
34) Benzene	6.037	78	163735	13.672	ug/l	98
35) Methacrylonitrile	4.916	41	37263	14.636	ug/l	95
36) 1,2-Dichloroethane	6.086	62	65138	13.785	ug/l	100
37) Trichloroethene	7.123	130	39890	13.055	ug/l	96
38) Methylcyclohexane	7.379	83	38727	8.945	ug/l	99
39) 1,2-Dichloropropane	7.427	63	44086	14.069	ug/l	98
40) Dibromomethane	7.580	93	30234	14.086	ug/l	100
41) Bromodichloromethane	7.818	83	53039	13.129	ug/l #	98
42) Vinyl Acetate	3.721	43	496066	66.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	64591	14.439	ug/l	99
44) Isopropyl Acetate	6.336	43	105588	13.956	ug/l	98
45) 1,4-Dioxane	7.745	88	22729m	303.208	ug/l	
46) Methyl methacrylate	7.690	41	50407	13.648	ug/l	97
47) n-amyl Acetate	10.842	43	87502	13.311	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	55978	12.676	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	64937	13.379	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	43598	14.449	ug/l	97
51) Ethyl methacrylate	9.116	69	64586	13.348	ug/l	96
52) 1,3-Dichloropropane	9.305	76	76731	14.447	ug/l	100
53) Dibromochloromethane	9.519	129	37420	12.651	ug/l	99
54) 1,2-Dibromoethane	9.610	107	45207	14.040	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	188579	73.656	ug/l	99
56) Bromoform	10.799	173	22618	11.124	ug/l	94
58) 4-Methyl-2-Pentanone	8.574	43	341611	88.325	ug/l	100
59) 2-Hexanone	9.427	43	261358	89.315	ug/l	99
61) Tetrachloroethene	9.275	164	31095	13.969	ug/l	96
62) Toluene	8.720	91	173867	15.889	ug/l	99
64) Chlorobenzene	10.079	112	110586	16.297	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	37488	15.559	ug/l	99
66) Ethyl Benzene	10.195	91	187483	15.404	ug/l	99
67) m/p-Xylenes	10.299	106	144409	31.026	ug/l	99
68) o-Xylene	10.640	106	74043	16.072	ug/l	97
69) Styrene	10.653	104	120825	15.871	ug/l	99
70) Isopropylbenzene	10.963	105	179674	15.135	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	69015	17.468	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	57042m	16.121	ug/l	
73) Bromobenzene	11.195	156	45547	15.902	ug/l	96
74) n-propylbenzene	11.305	91	212599	15.325	ug/l	100
75) 2-Chlorotoluene	11.366	91	133727	15.443	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	153590	15.323	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	15172	13.826	ug/l	94
78) 4-Chlorotoluene	11.451	91	152924	15.355	ug/l	99
79) tert-butylbenzene	11.713	119	144514	15.113	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	156316	15.620	ug/l	99
81) sec-Butylbenzene	11.890	105	174875	15.062	ug/l	100
82) p-Isopropyltoluene	12.006	119	147806	15.061	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	85169	15.724	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	85669	15.710	ug/l	100
85) n-Butylbenzene	12.329	91	122727	14.534	ug/l	99
86) Hexachloroethane	12.536	117	20685	12.897	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	87179	16.409	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12211	14.271	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	48255	15.198	ug/l	100
90) Hexachlorobutadiene	13.725	225	14788	12.452	ug/l	94
91) Naphthalene	13.774	128	175674	15.753	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	48741	15.427	ug/l	97

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

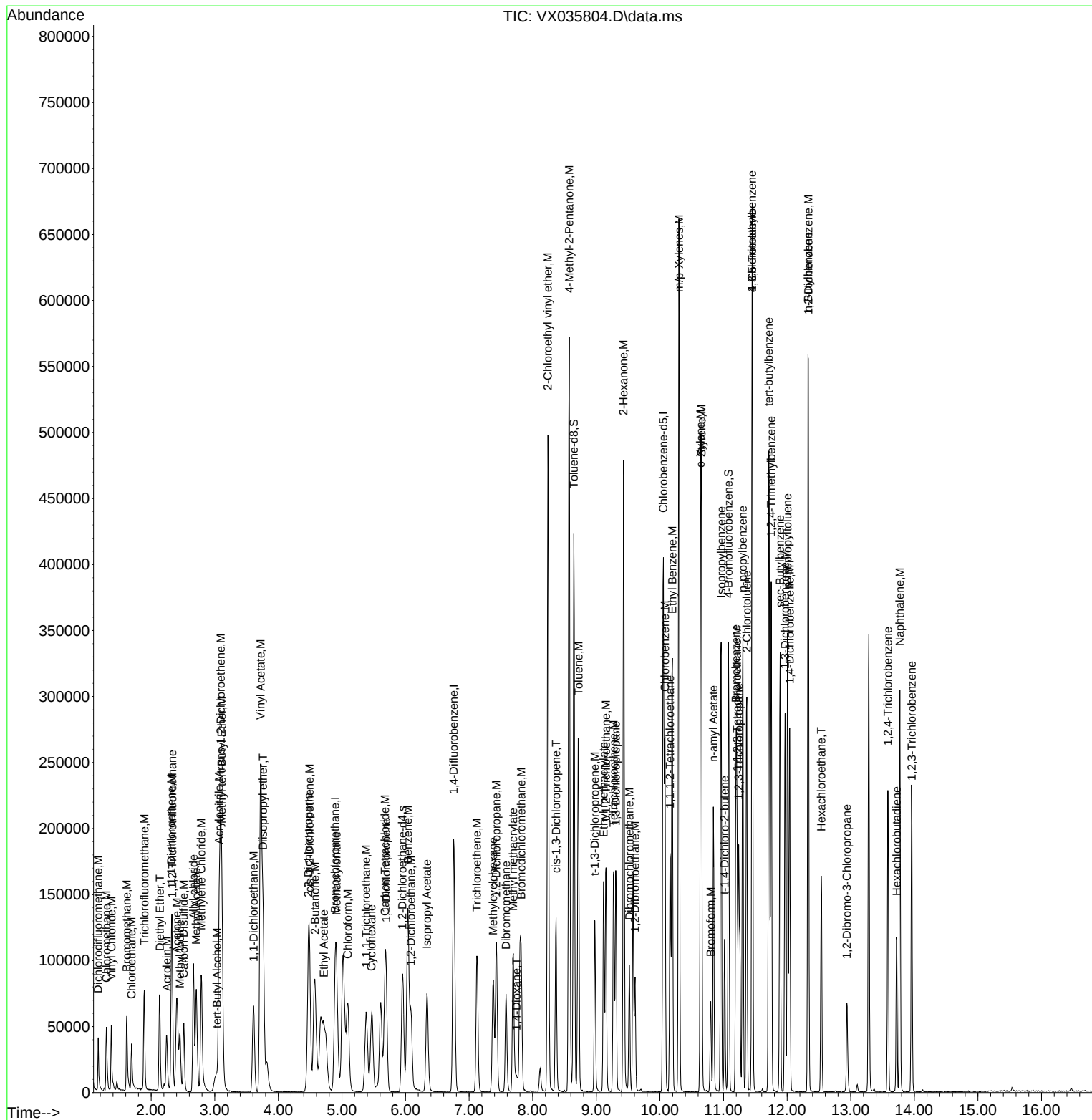
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
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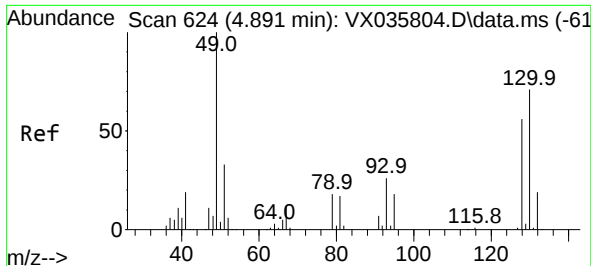
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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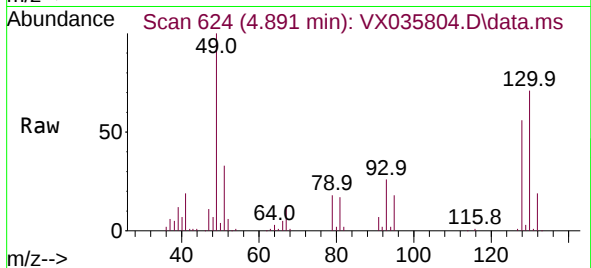
Reviewed By : John Carlone 05/25/2023
Supervised By : Mahesh Dadoda 05/25/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

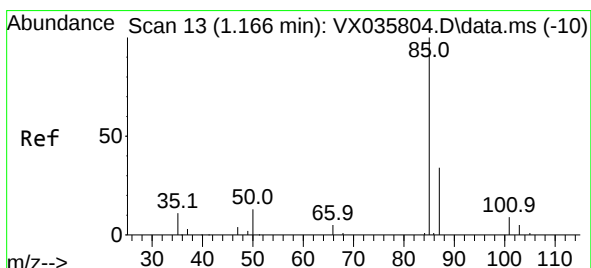
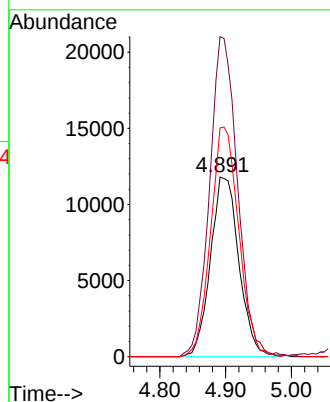
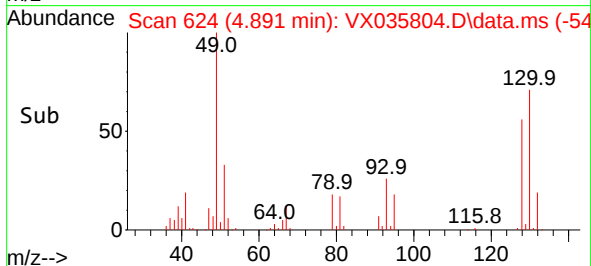
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



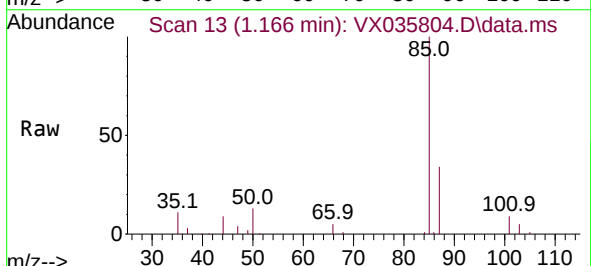
Tgt Ion:128 Resp: 3546
Ion Ratio Lower Upper
128 100
49 174.6 0.0 428.8
130 126.8 0.0 310.8

Manual Integrations
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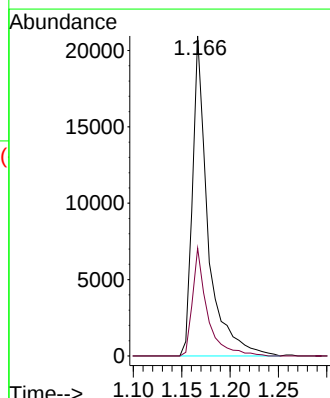
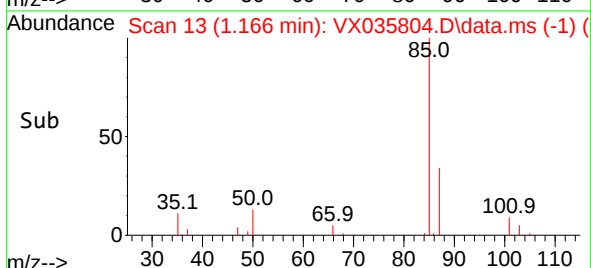
Reviewed By :John Carlone 05/25/2023
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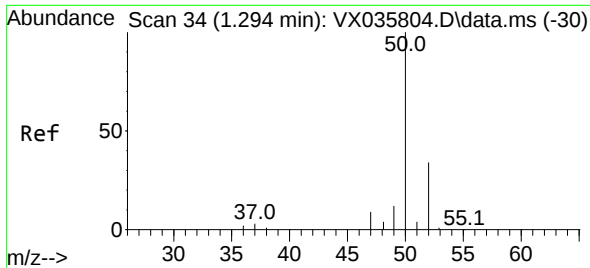


#2
Dichlorodifluoromethane
Concen: 7.849 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



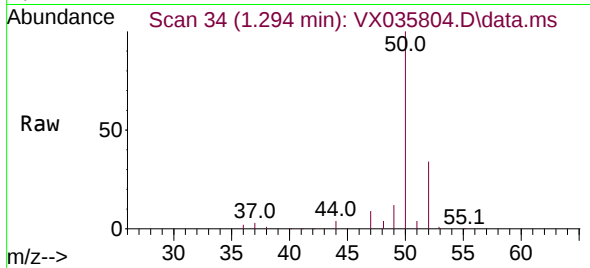
Tgt Ion: 85 Resp: 23308
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3
Chloromethane
Concen: 10.170 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

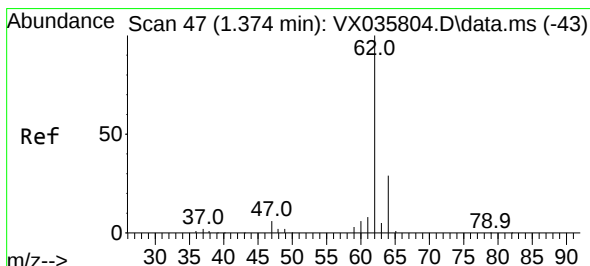
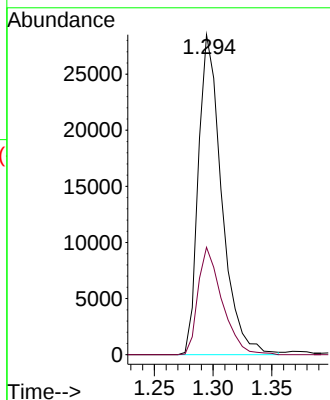
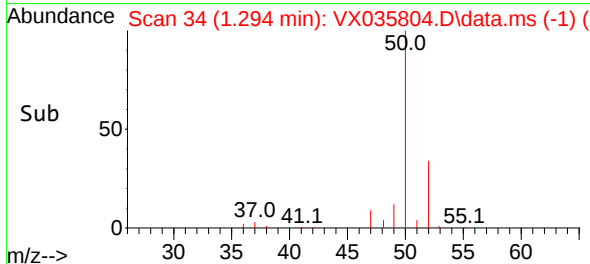
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 39425
Ion Ratio Lower Upper
50 100
52 33.6 24.6 36.8

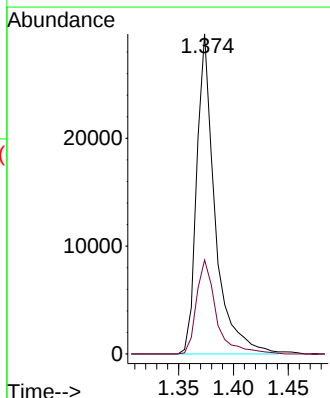
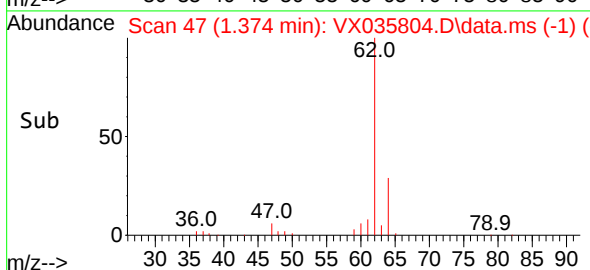
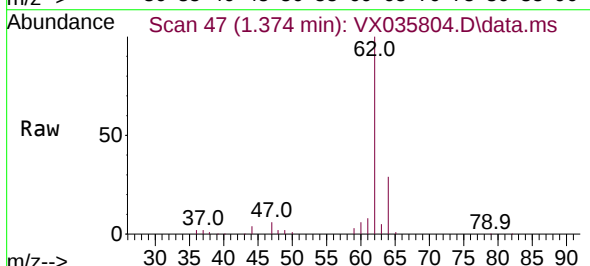
Manual Integrations
APPROVED

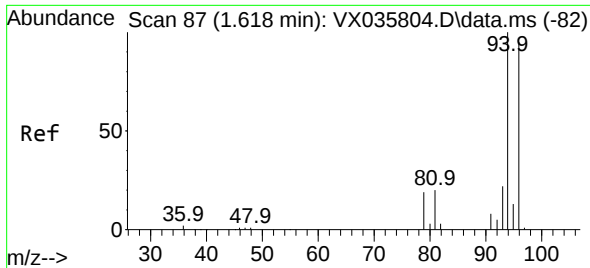
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 9.057 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

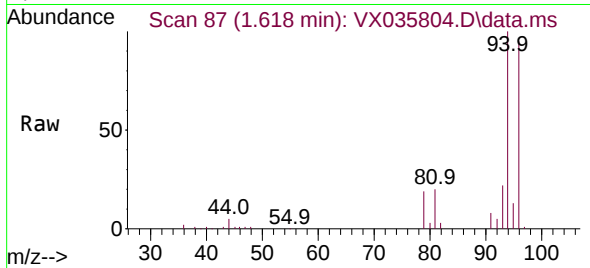
Tgt Ion: 62 Resp: 34561
Ion Ratio Lower Upper
62 100
64 29.4 26.9 40.3





#5
Bromomethane
Concen: 10.239 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

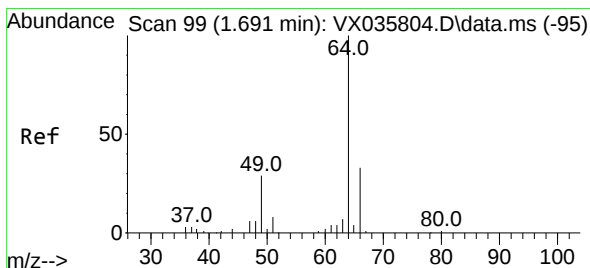
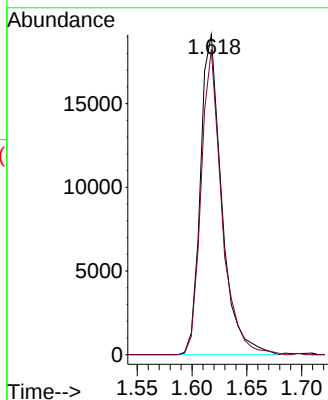
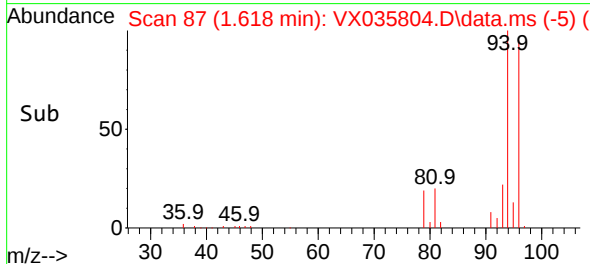
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 25870
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.0

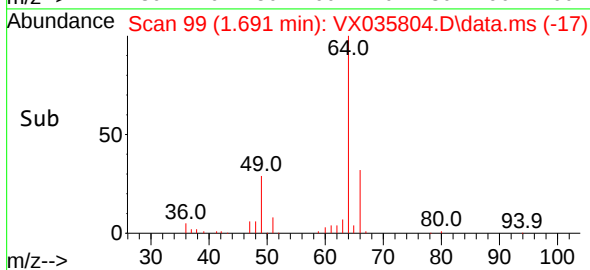
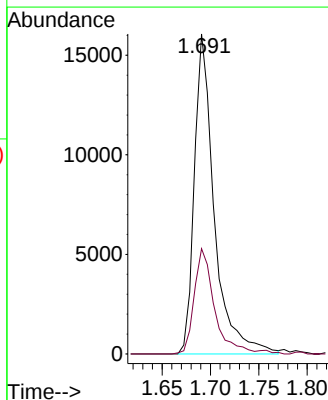
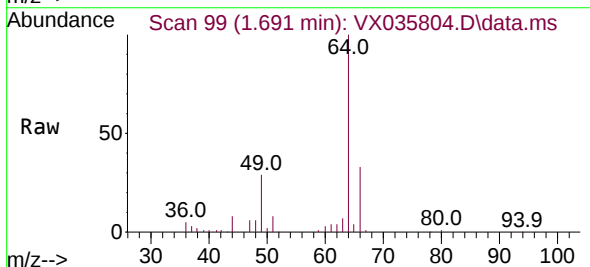
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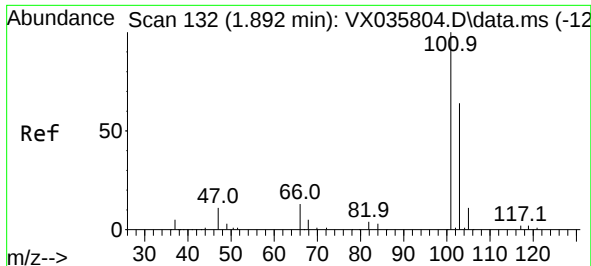
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 9.233 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

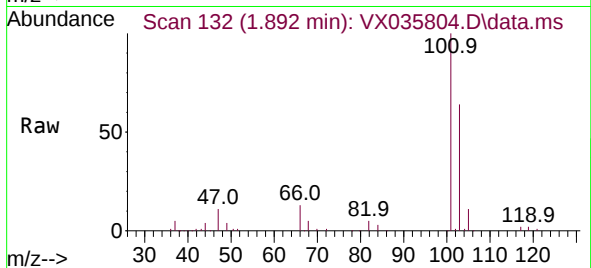
Tgt Ion: 64 Resp: 23021
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 7.508 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42

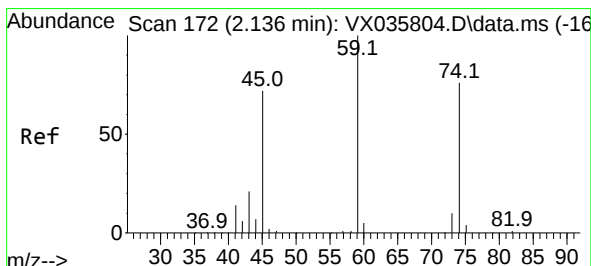
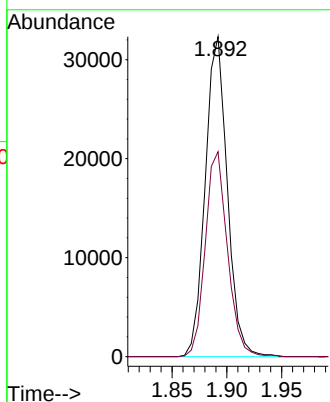
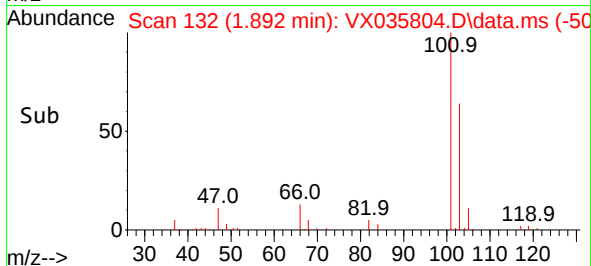
Instrument :
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 ClientSampleId :
 VSTDICCC020



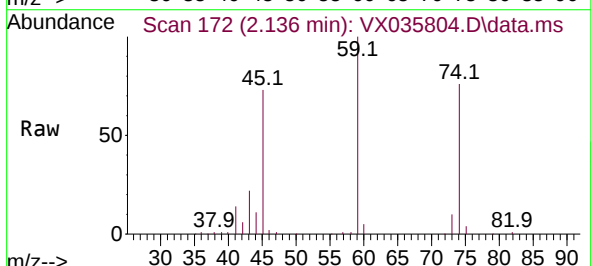
Tgt Ion:101 Resp: 4521
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.1 78.1

Manual Integrations
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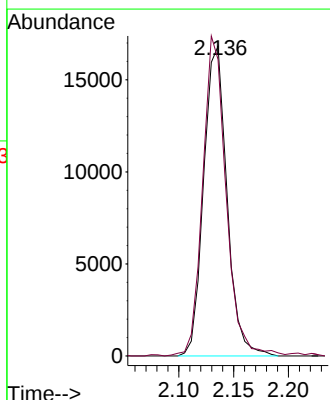
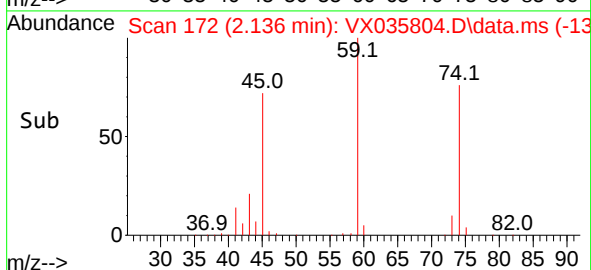
Reviewed By :John Carlone 05/25/2023
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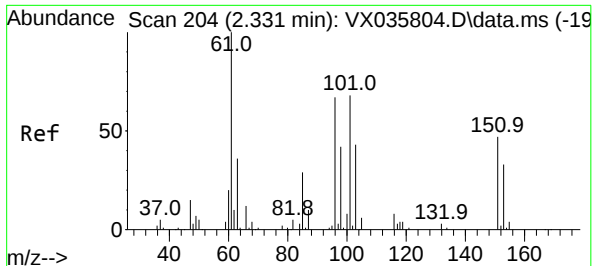


#8
 Diethyl Ether
 Concen: 11.164 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42



Tgt Ion: 74 Resp: 24908
 Ion Ratio Lower Upper
 74 100
 45 103.3 20.5 184.5





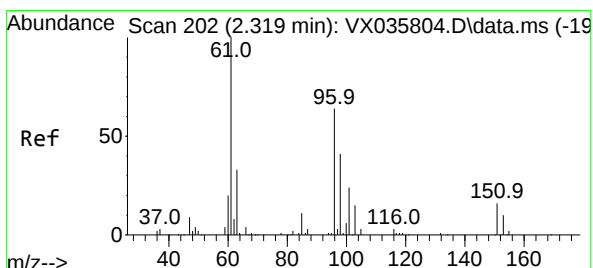
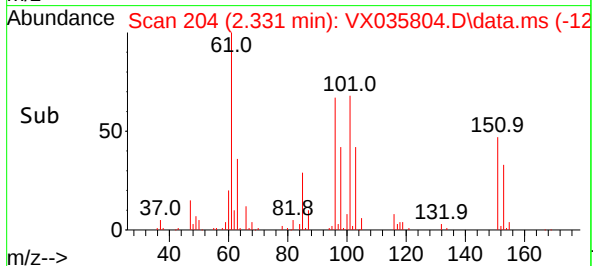
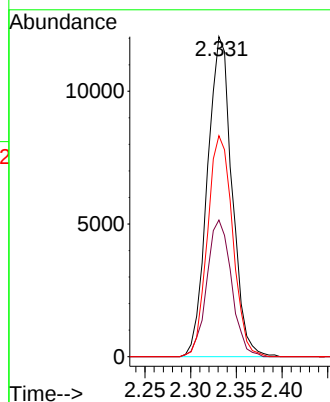
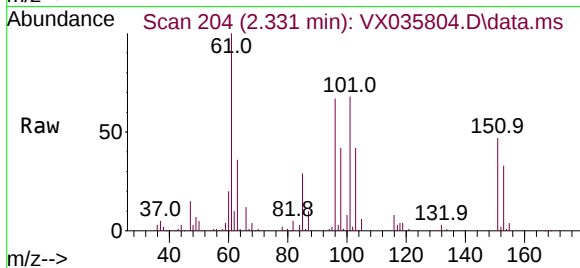
#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.392 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
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Tgt Ion:101 Resp: 2266
Ion Ratio Lower Upper
101 100
85 42.6 0.0 88.8
151 70.3 0.0 147.6

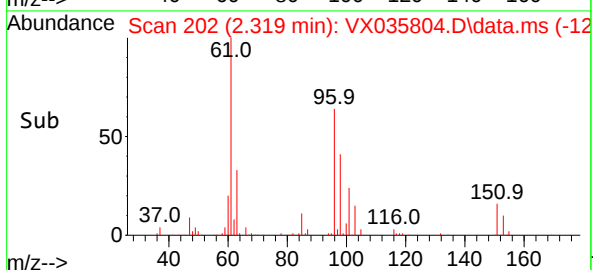
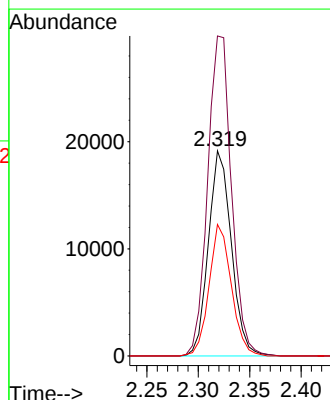
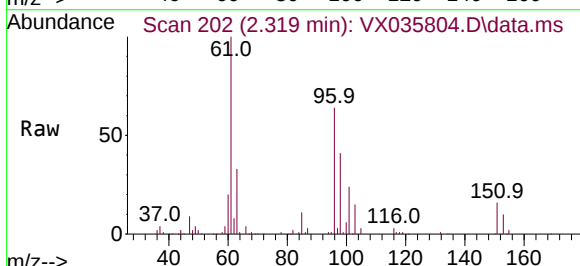
Manual Integrations
APPROVED

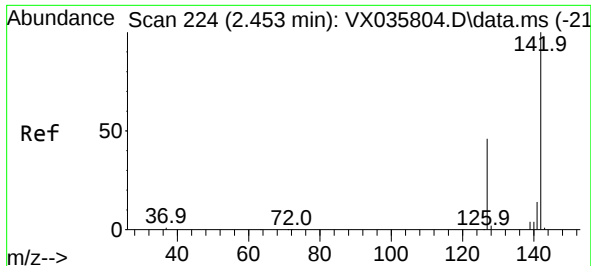
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 9.445 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

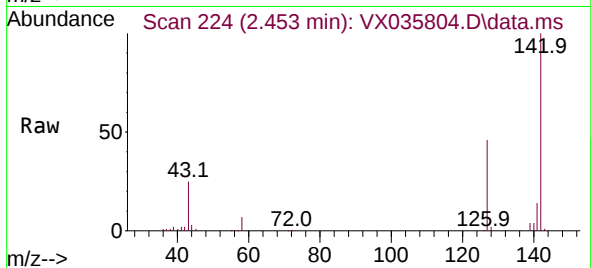
Tgt Ion: 96 Resp: 29849
Ion Ratio Lower Upper
96 100
61 156.0 135.8 203.6
98 64.1 49.8 74.6





#11
Methyl Iodide
Concen: 9.275 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

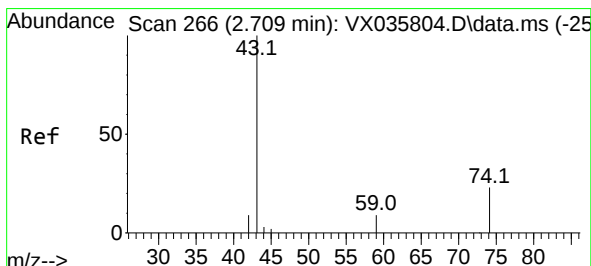
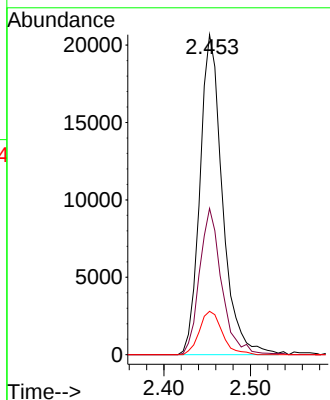
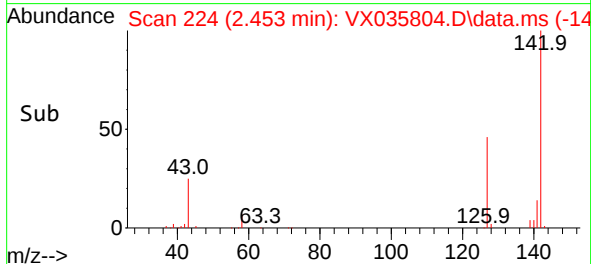
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



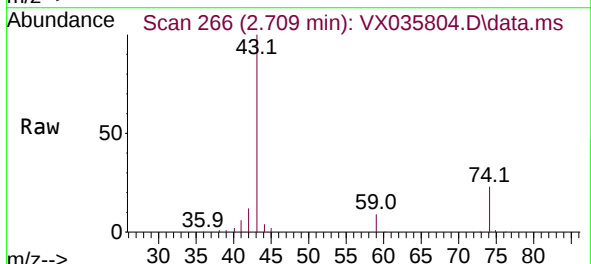
Tgt Ion:142 Resp: 3738
Ion Ratio Lower Upper
142 100
127 45.7 24.5 73.5
141 13.6 7.6 22.8

Manual Integrations
APPROVED

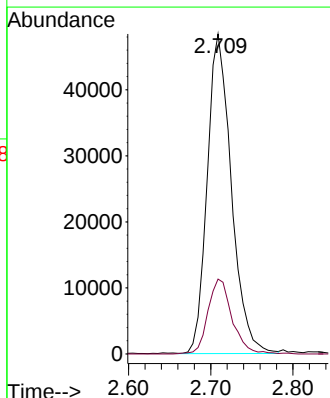
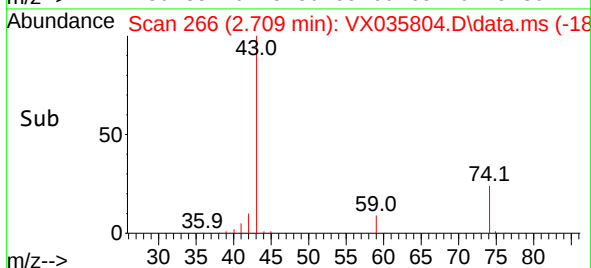
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

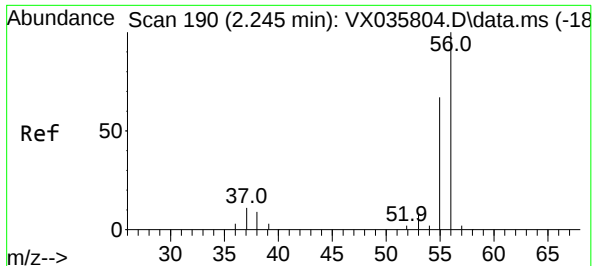


#12
Methyl Acetate
Concen: 13.588 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



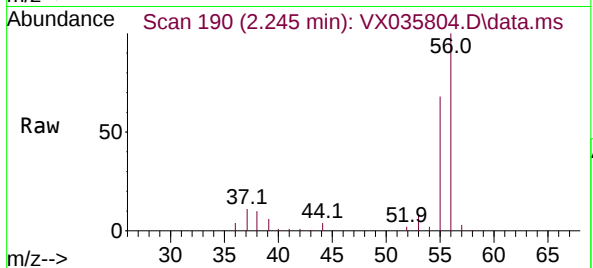
Tgt Ion: 43 Resp: 98713
Ion Ratio Lower Upper
43 100
74 23.4 18.0 27.0





#13
Acrolein
Concen: 45.301 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

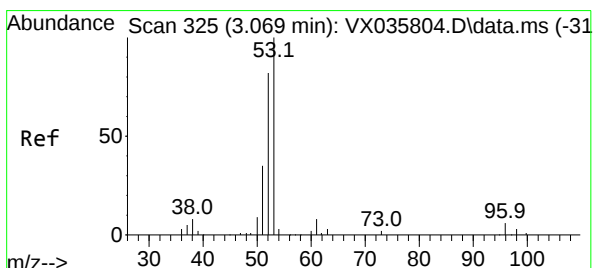
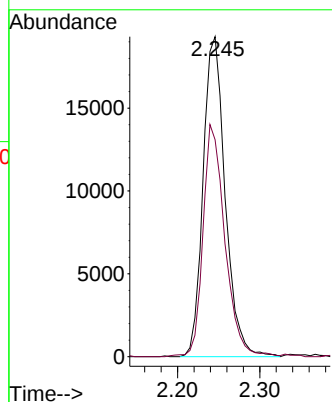
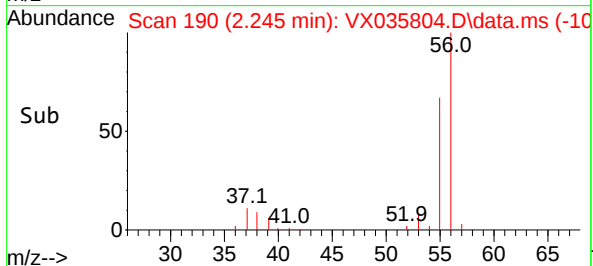
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



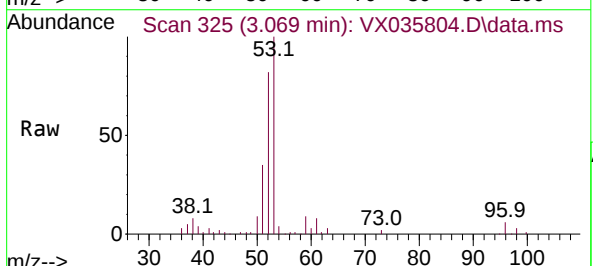
Tgt Ion: 56 Resp: 3605
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

Manual Integrations
APPROVED

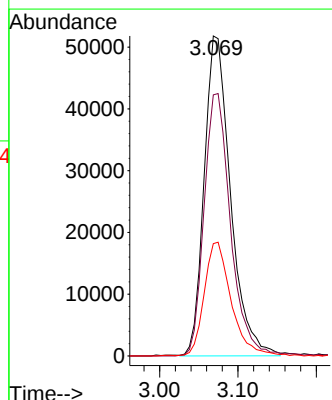
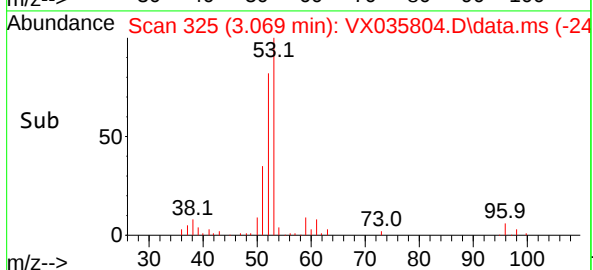
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

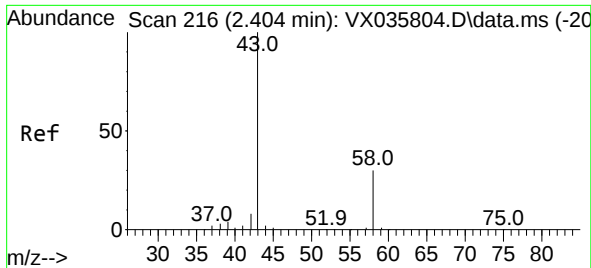


#14
Acrylonitrile
Concen: 61.616 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



Tgt Ion: 53 Resp: 121185
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 36.2 17.9 53.7





#15

Acetone

Concen: 69.419 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 3776

Ion Ratio Lower Upper

58 100

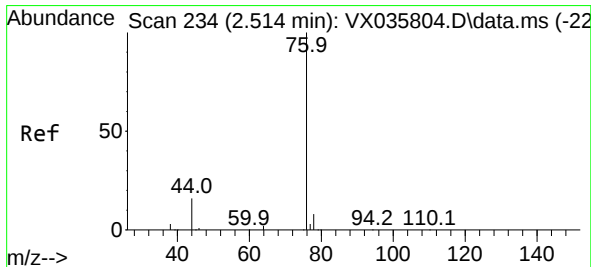
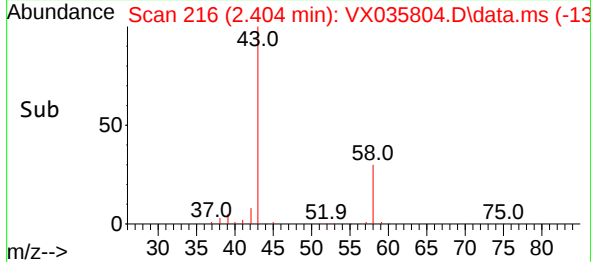
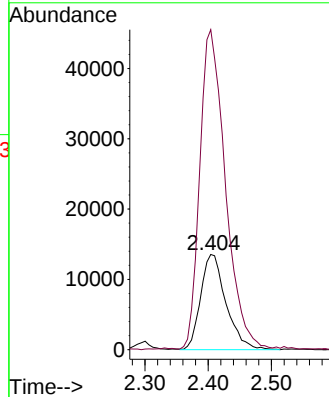
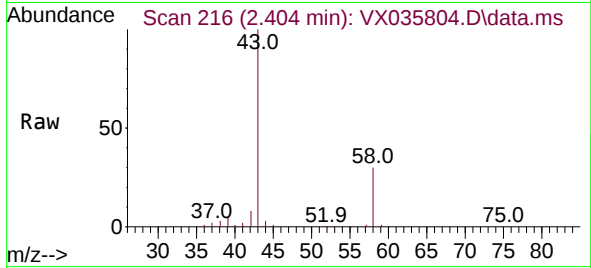
43 335.4 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#16

Carbon Disulfide

Concen: 7.452 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035804.D

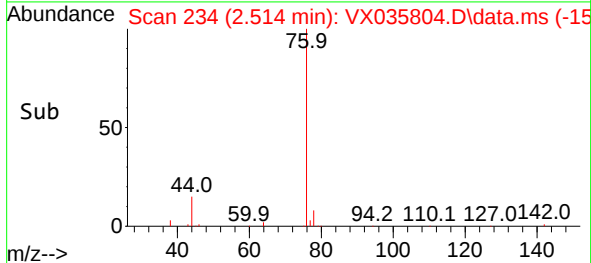
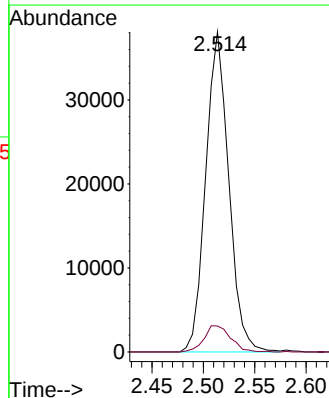
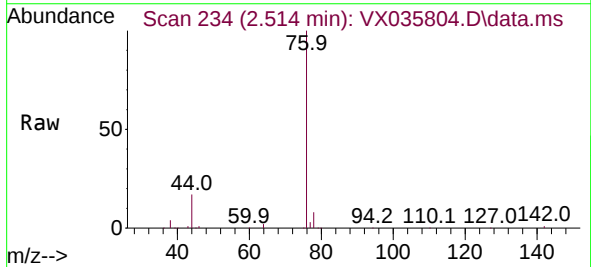
Acq: 23 May 2023 09:42

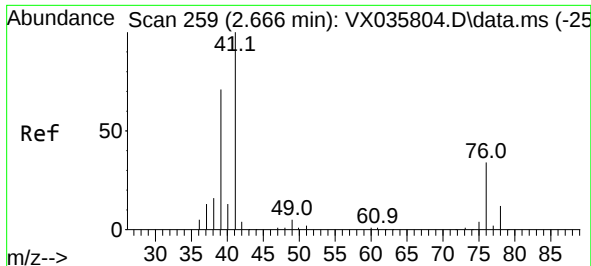
Tgt Ion: 76 Resp: 59507

Ion Ratio Lower Upper

76 100

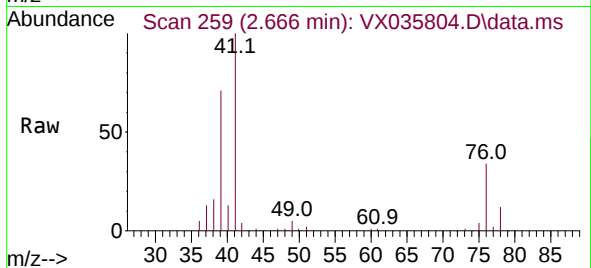
78 8.1 7.0 10.6





#17
 Allyl chloride
 Concen: 10.364 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42

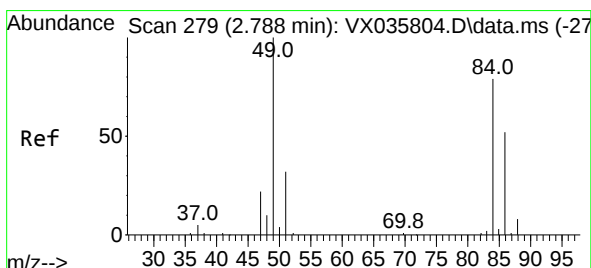
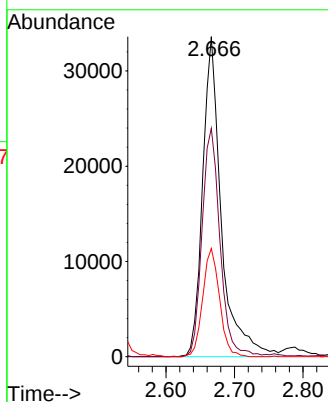
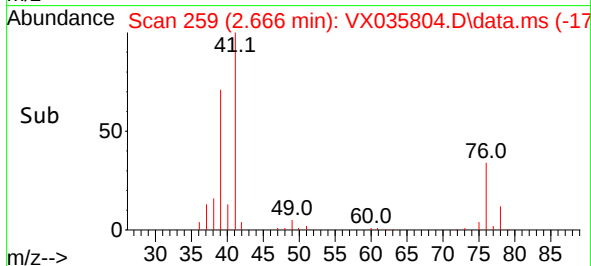
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



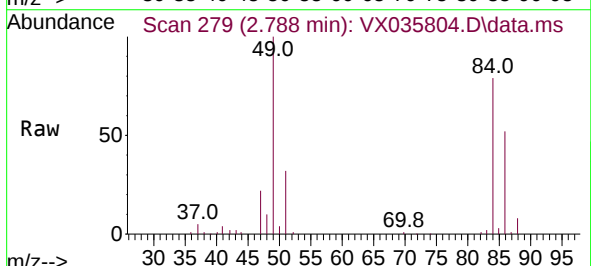
Tgt Ion: 41 Resp: 63998
 Ion Ratio Lower Upper
 41 100
 39 71.4 36.4 109.3
 76 33.8 17.0 51.0

Manual Integrations
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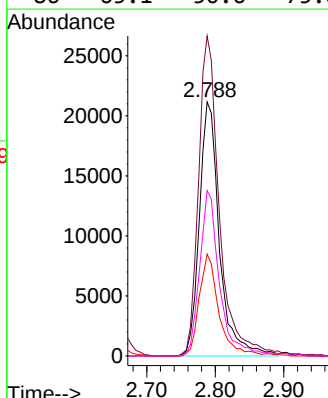
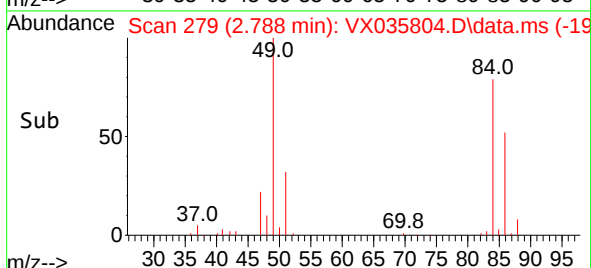
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

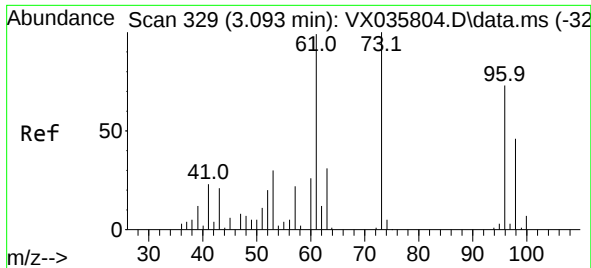


#18
 Methylene Chloride
 Concen: 11.459 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42



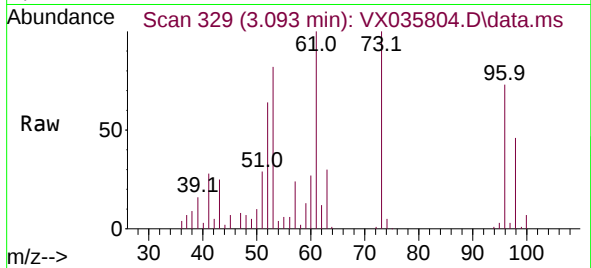
Tgt Ion: 84 Resp: 43171
 Ion Ratio Lower Upper
 84 100
 49 125.9 103.9 155.9
 51 40.0 30.6 45.8
 86 65.1 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 10.477 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

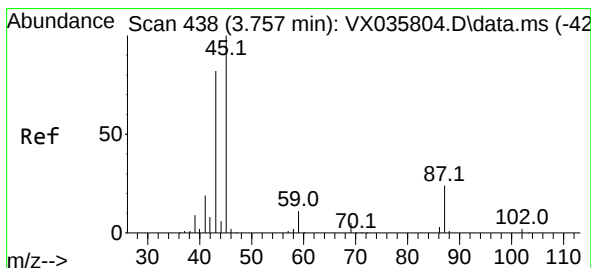
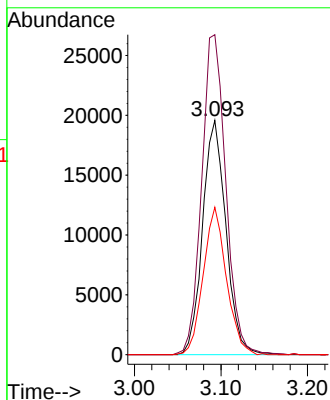
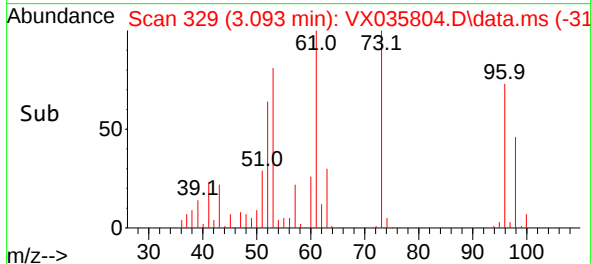
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



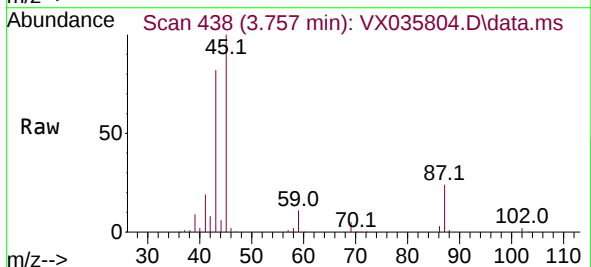
Tgt Ion: 96 Resp: 3667
Ion Ratio Lower Upper
96 100
61 136.1 111.1 166.7
98 62.9 48.6 72.8

Manual Integrations
APPROVED

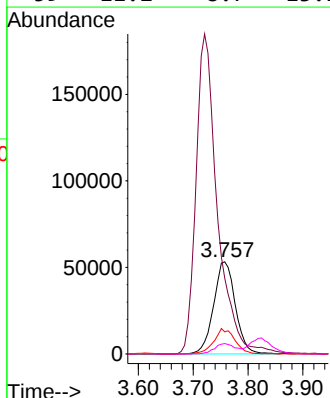
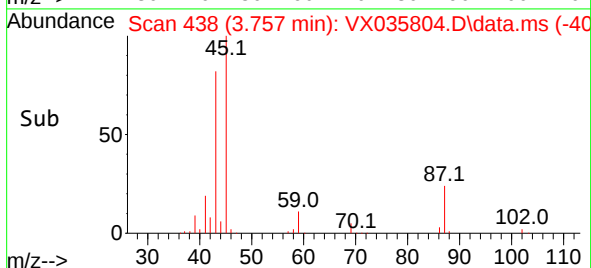
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

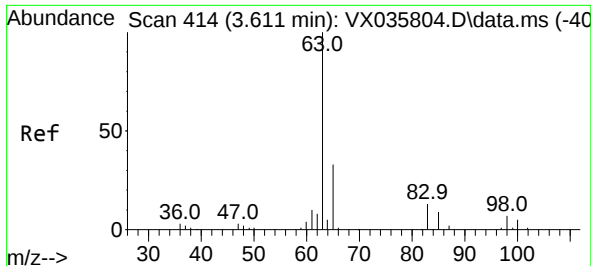


#20
Diisopropyl ether
Concen: 11.533 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



Tgt Ion: 45 Resp: 146428
Ion Ratio Lower Upper
45 100
43 81.6 66.0 99.0
87 24.0 21.8 32.6
59 11.2 8.7 13.1





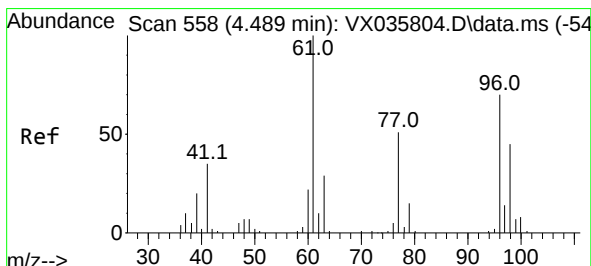
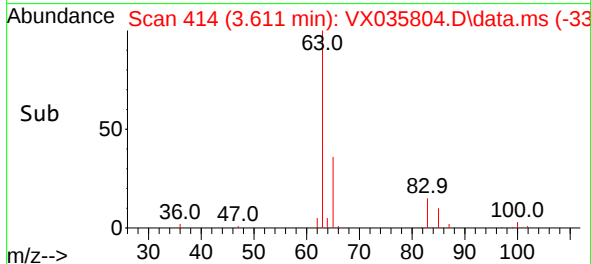
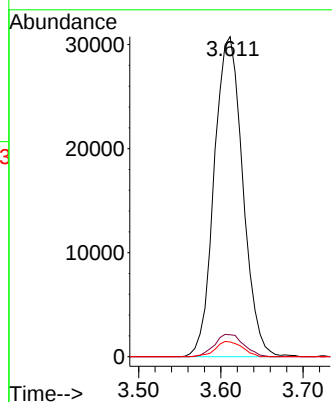
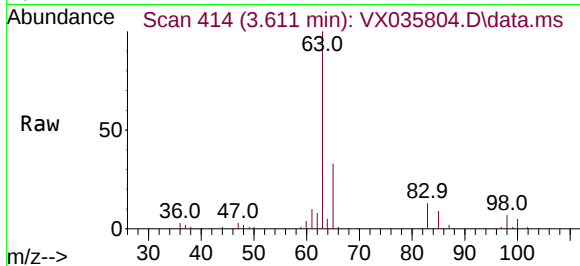
#21
1,1-Dichloroethane
Concen: 10.973 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 74349
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.6
100 4.6 2.2 6.6

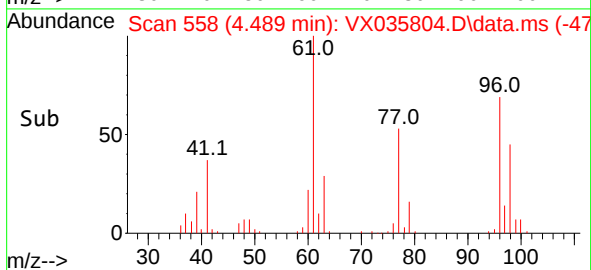
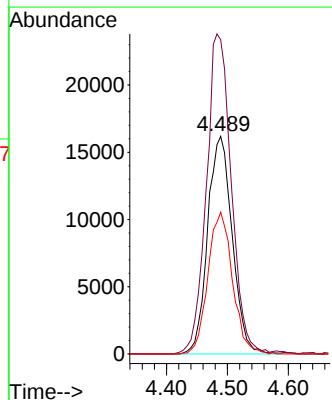
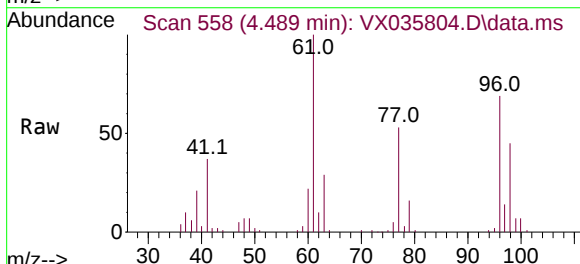
Manual Integrations
APPROVED

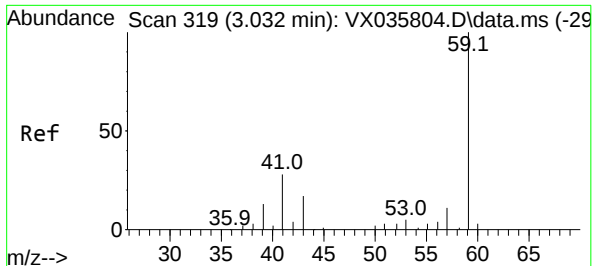
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
cis-1,2-Dichloroethene
Concen: 11.110 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

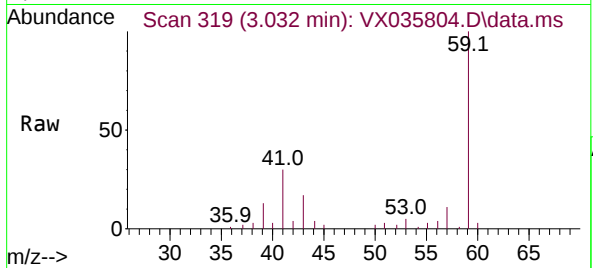
Tgt Ion: 96 Resp: 45394
Ion Ratio Lower Upper
96 100
61 148.5 121.7 182.5
98 65.0 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 52.019 ug/l m
RT: 3.032 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

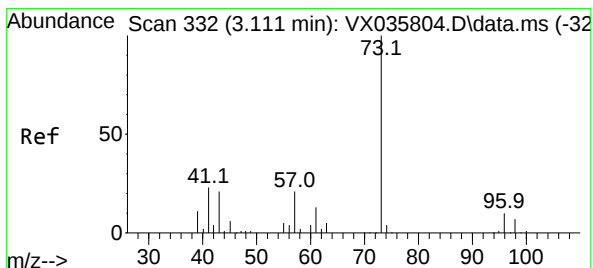
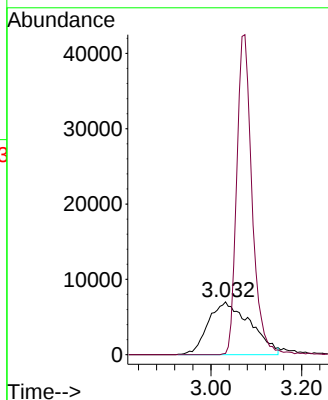
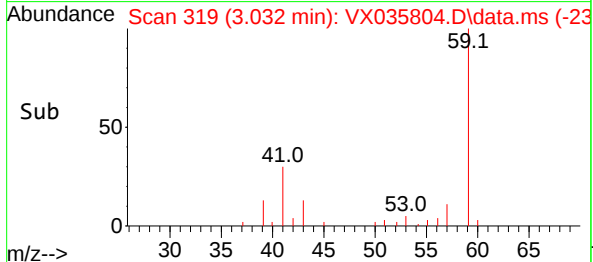
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 45310
Ion Ratio Lower Upper
59 100
52 219.8 0.2 0.4

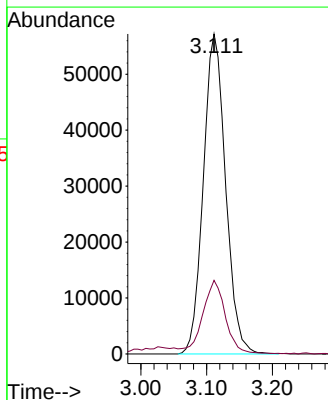
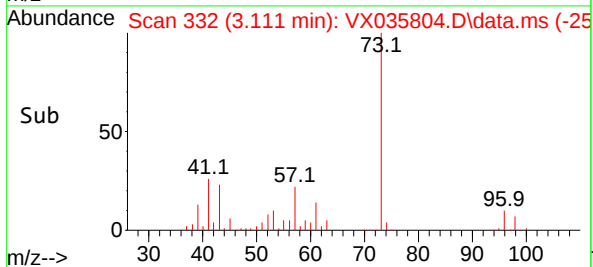
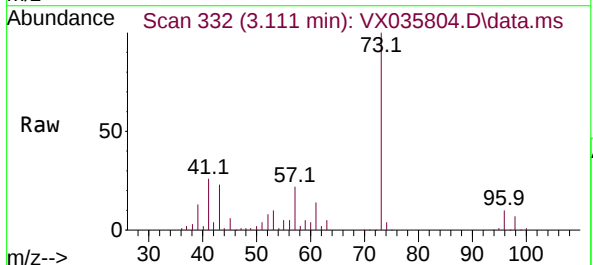
Manual Integrations
APPROVED

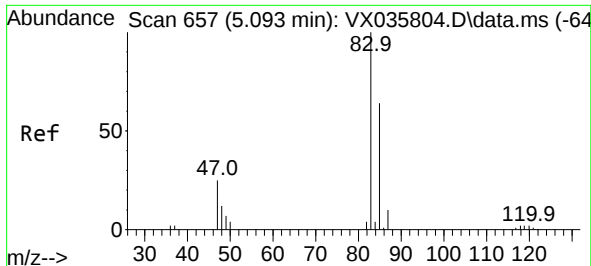
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 11.305 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 73 Resp: 134642
Ion Ratio Lower Upper
73 100
43 23.3 17.9 26.9





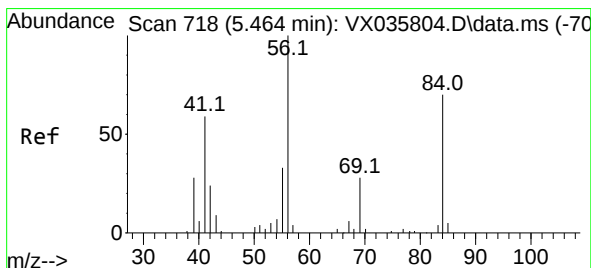
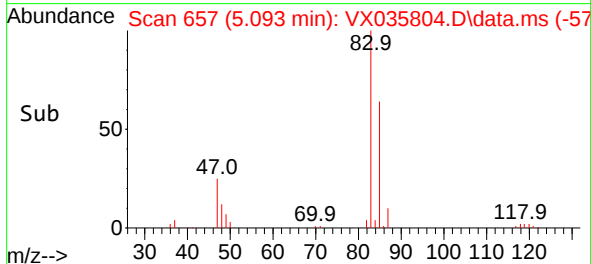
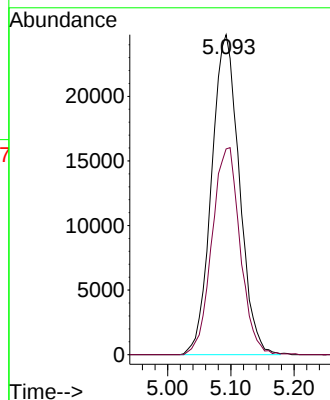
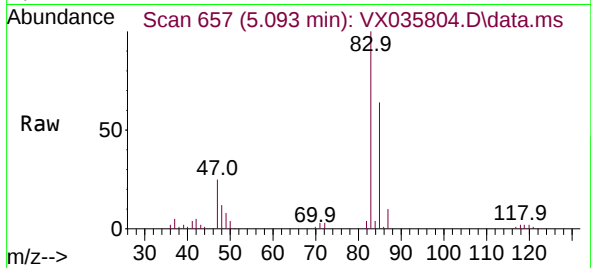
#25
Chloroform
Concen: 10.900 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 75430
Ion Ratio Lower Upper
83 100
85 64.3 51.2 76.8

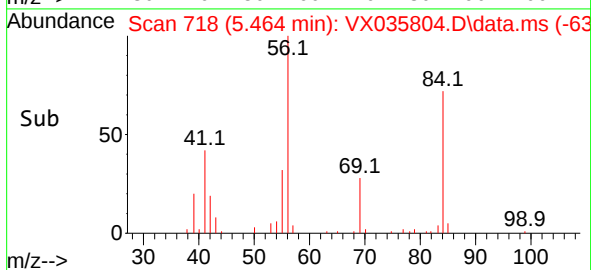
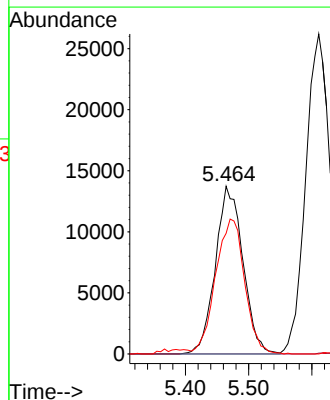
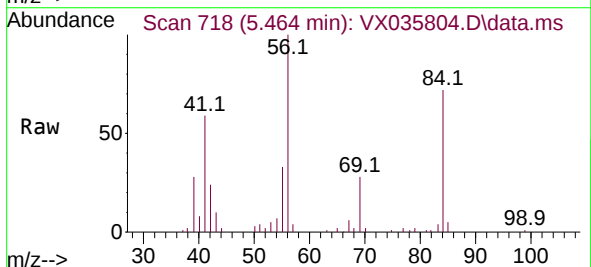
Manual Integrations
APPROVED

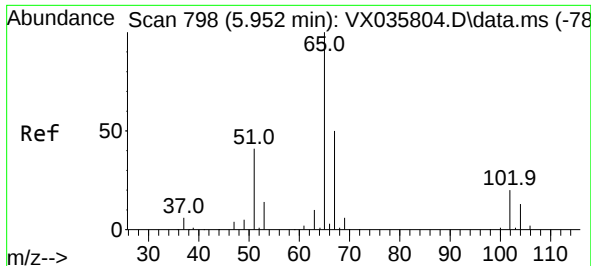
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 7.182 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 56 Resp: 41480
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 26.016 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 86440

Ion Ratio Lower Upper

65 100

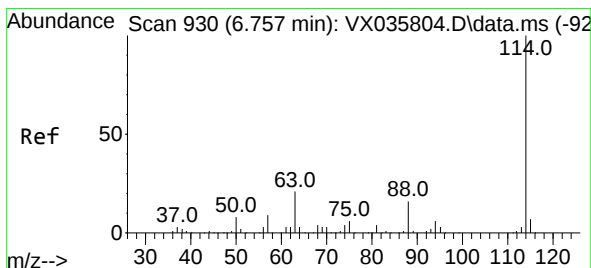
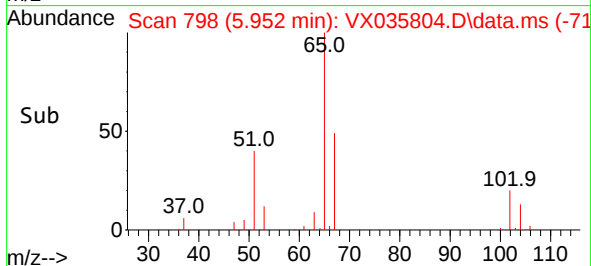
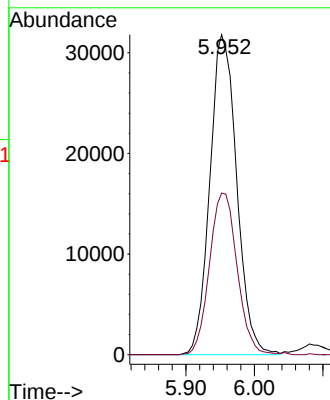
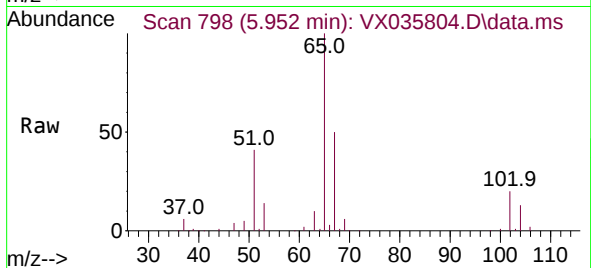
67 52.0 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

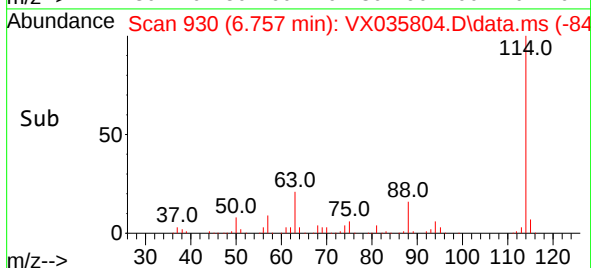
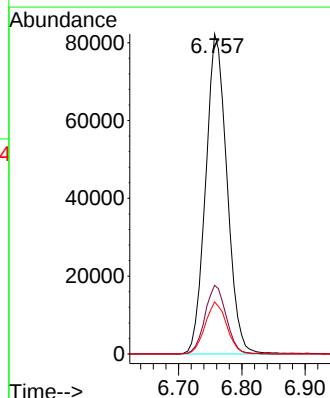
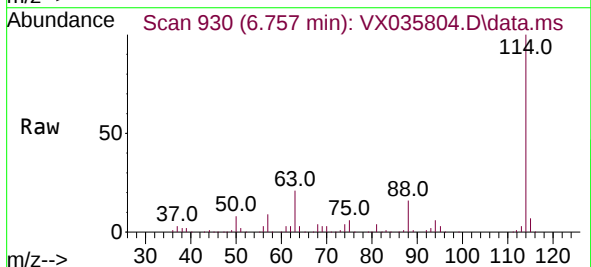
Tgt Ion:114 Resp: 192606

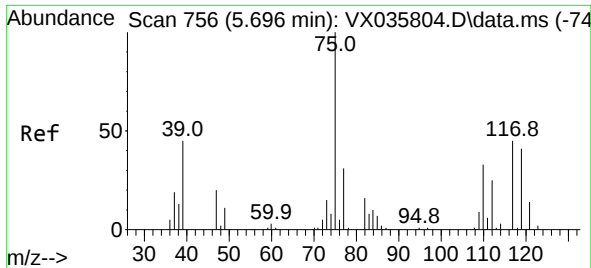
Ion Ratio Lower Upper

114 100

63 21.5 18.0 27.0

88 16.4 13.3 19.9





#29

1,1-Dichloropropene

Concen: 11.282 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 4593

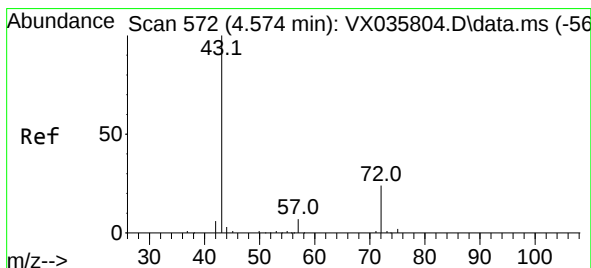
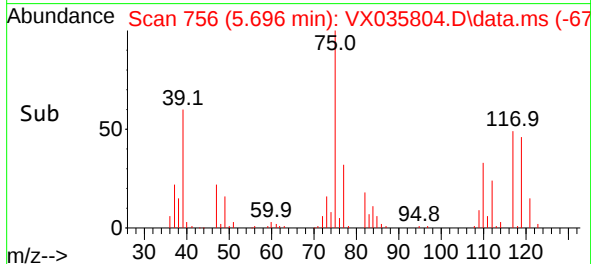
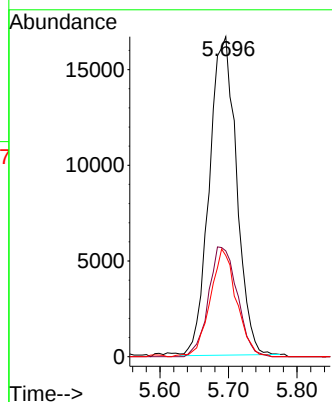
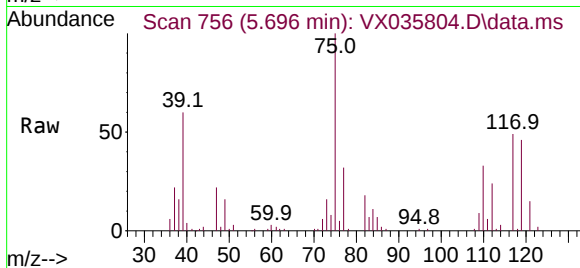
Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	71.4
77	31.3	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 76.929 ug/l

RT: 4.574 min Scan# 572

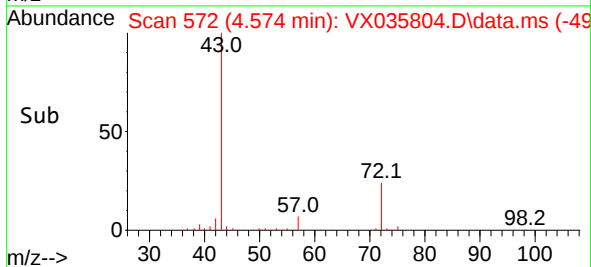
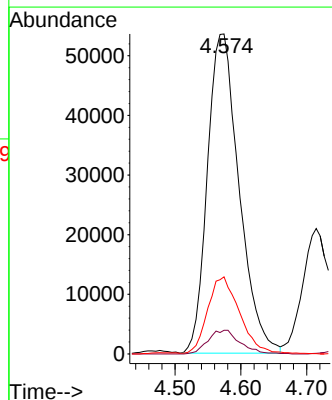
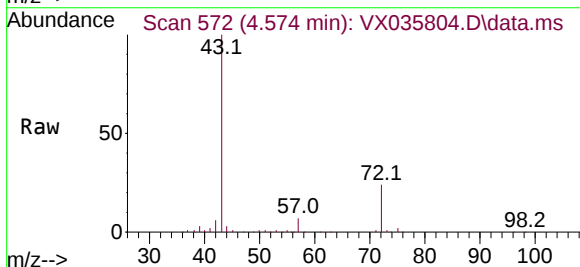
Delta R.T. 0.000 min

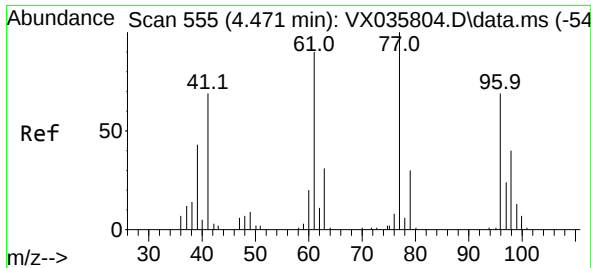
Lab File: VX035804.D

Acq: 23 May 2023 09:42

Tgt Ion: 43 Resp: 179499

Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.3	9.5
72	24.5	19.6	29.4





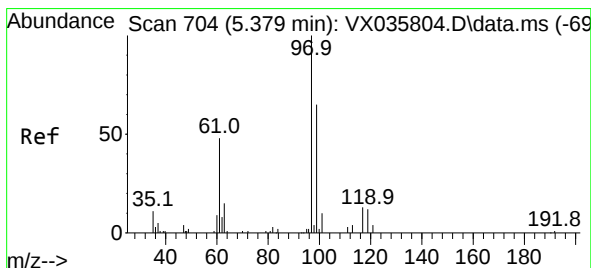
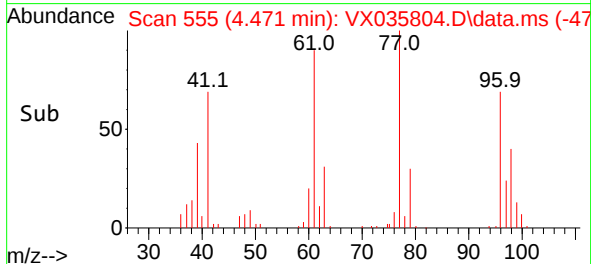
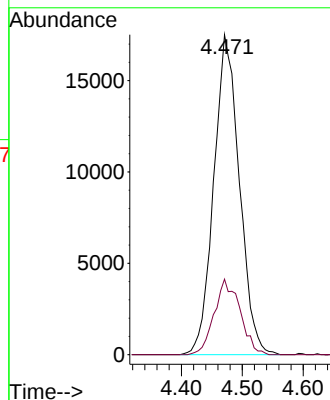
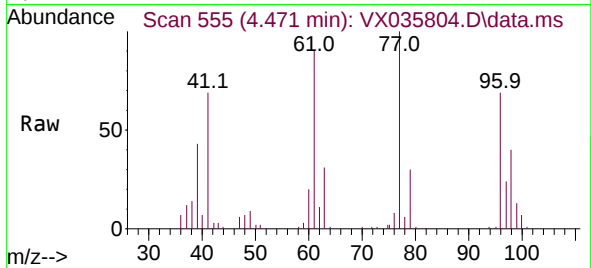
#31
2,2-Dichloropropane
Concen: 12.245 ug/l
RT: 4.471 min Scan# 51010
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 51010
Ion Ratio Lower Upper
77 100
97 13.6 18.2 27.4

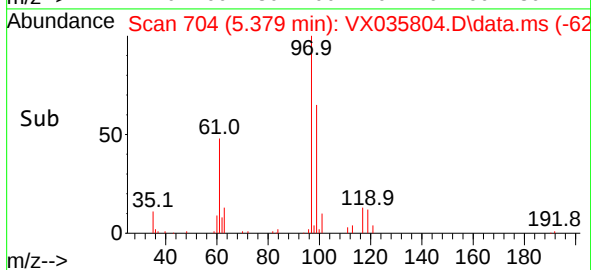
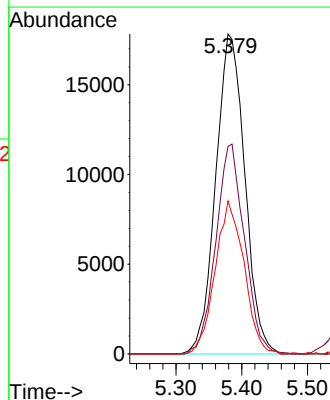
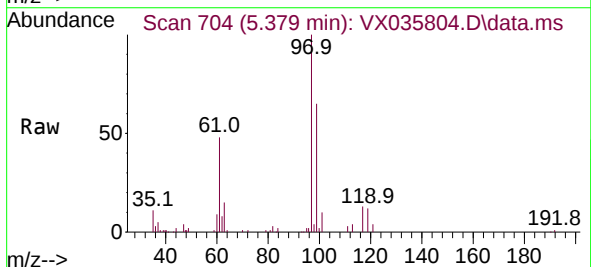
Manual Integrations
APPROVED

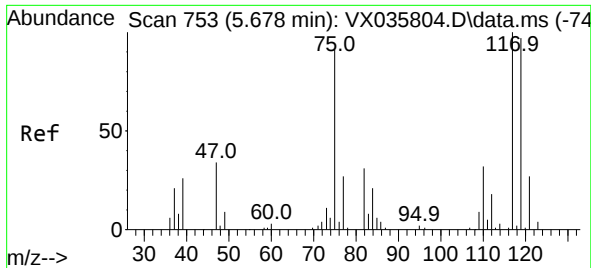
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 11.517 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

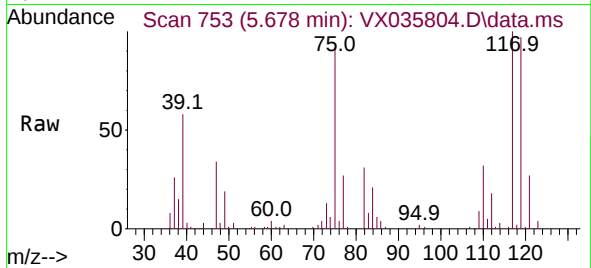
Tgt Ion: 97 Resp: 55011
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 47.4 36.6 55.0





#33
Carbon Tetrachloride
Concen: 10.494 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

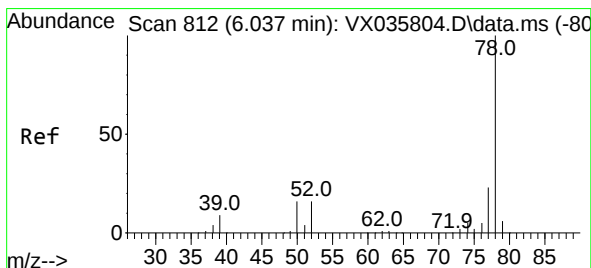
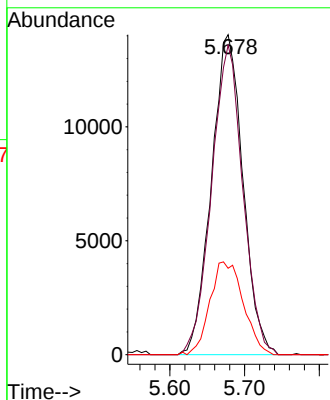
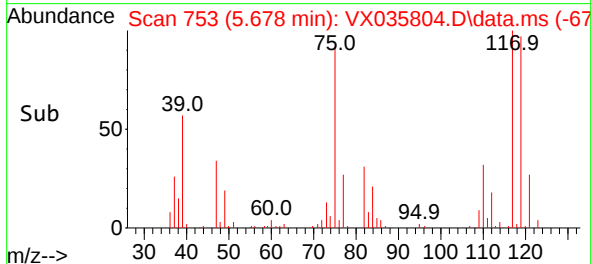
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 4118
Ion Ratio Lower Upper
117 100
119 96.7 73.3 109.9
121 27.0 24.0 36.0

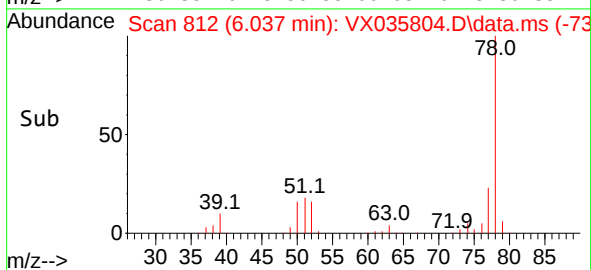
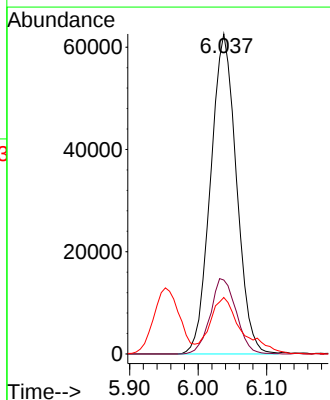
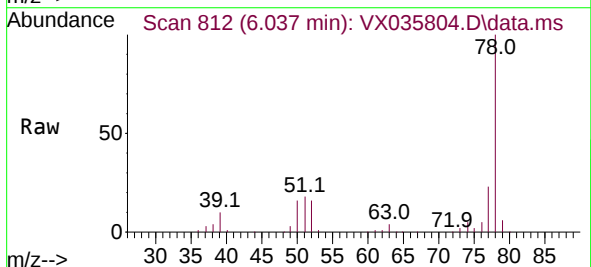
Manual Integrations
APPROVED

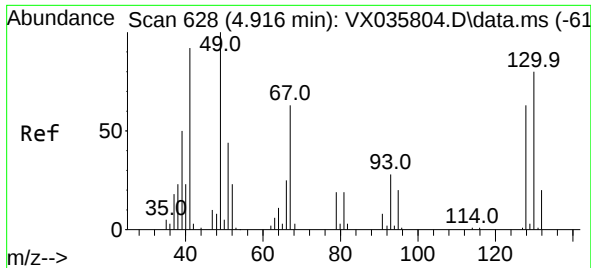
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 13.672 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

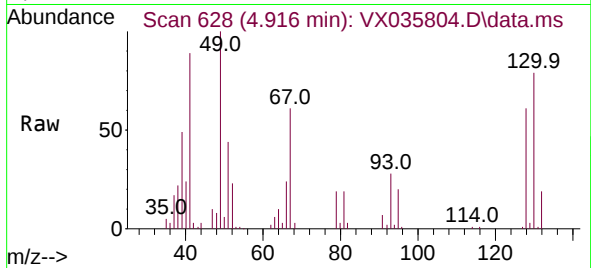
Tgt Ion: 78 Resp: 163735
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4
51 16.7 14.6 21.8





#35
Methacrylonitrile
Concen: 14.636 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

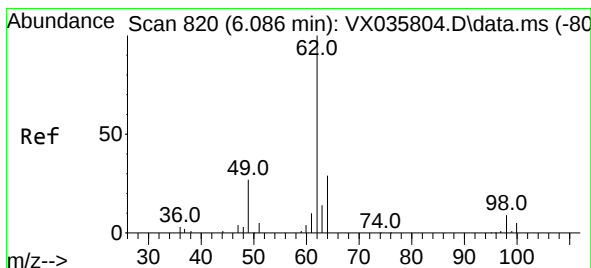
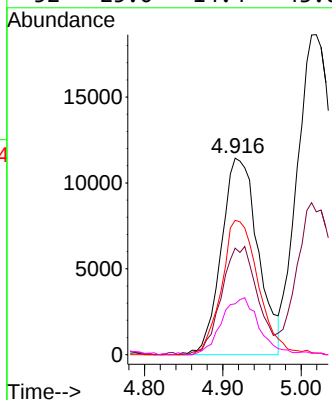
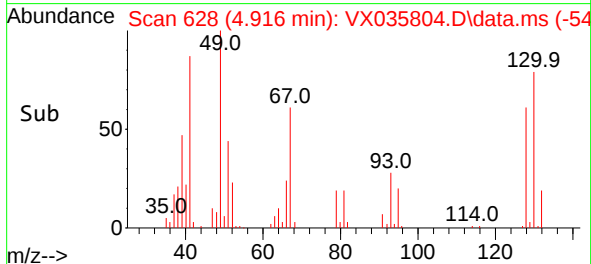
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:	41	Resp:	3726
Ion	Ratio	Lower	Upper
41	100		
39	54.2	28.0	84.0
67	68.4	31.6	94.7
52	25.0	14.4	43.0

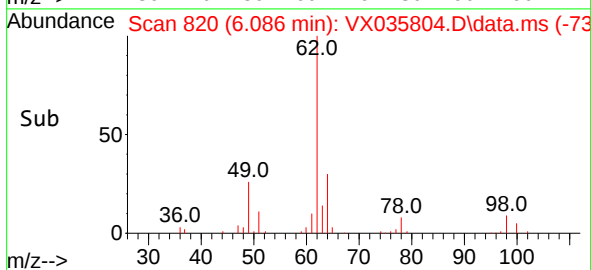
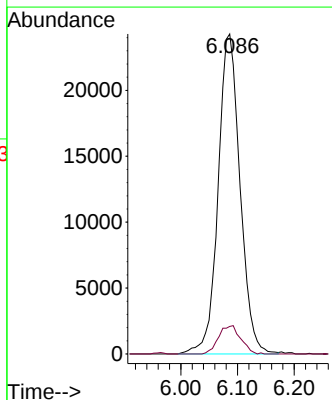
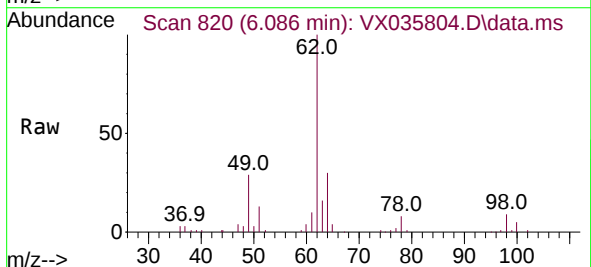
Manual Integrations
APPROVED

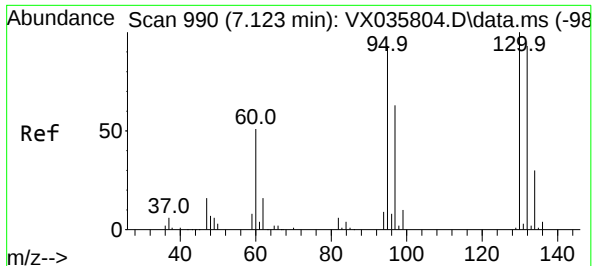
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 13.785 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

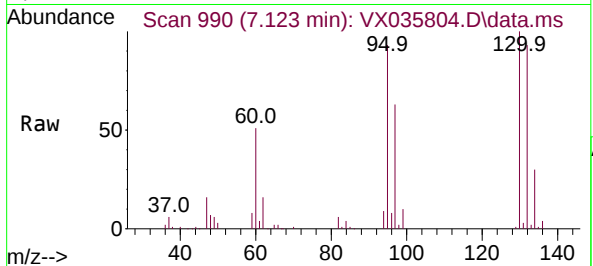
Tgt Ion:	62	Resp:	65138
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.0	10.6





#37
Trichloroethene
Concen: 13.055 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

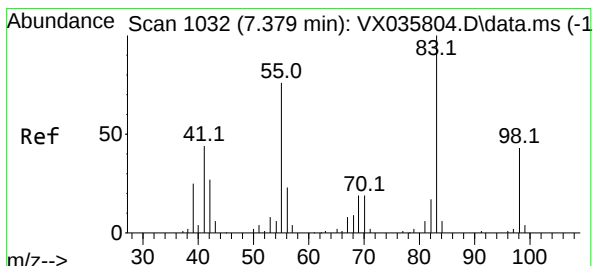
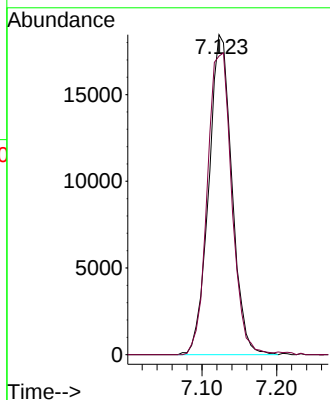
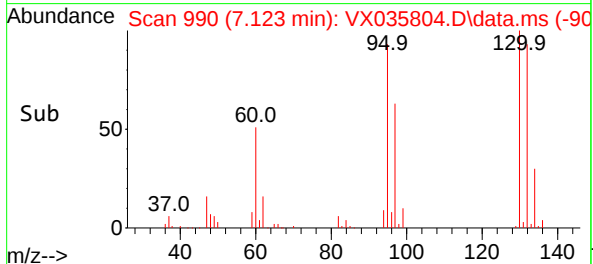
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



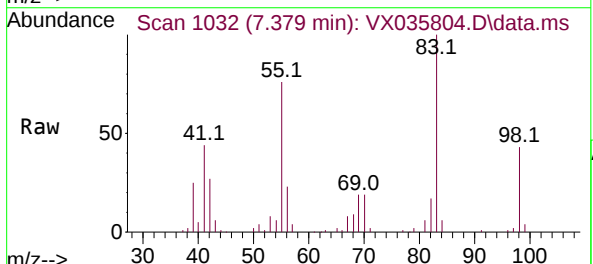
Tgt Ion:130 Resp: 39890
Ion Ratio Lower Upper
130 100
95 93.3 77.8 116.6

Manual Integrations
APPROVED

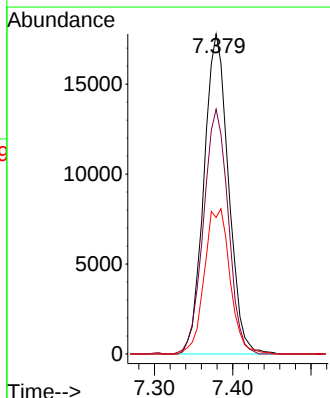
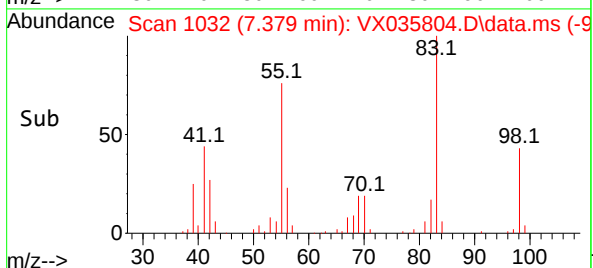
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

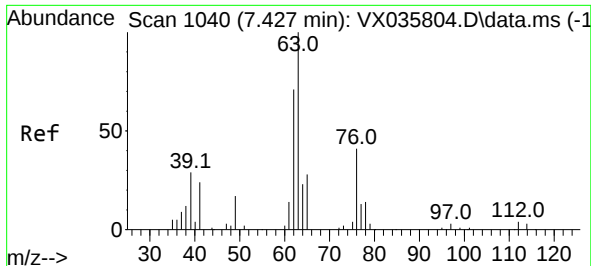


#38
Methylcyclohexane
Concen: 8.945 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



Tgt Ion: 83 Resp: 38727
Ion Ratio Lower Upper
83 100
55 76.9 38.8 116.4
98 47.5 23.8 71.2





#39

1,2-Dichloropropane

Concen: 14.069 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 4408

Ion Ratio Lower Upper

63 100

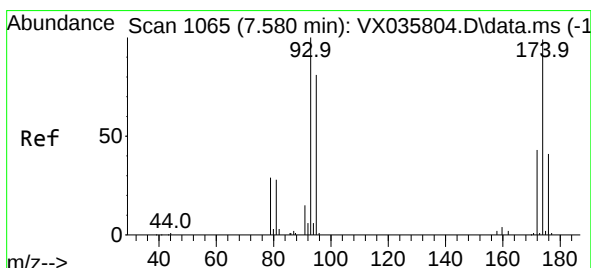
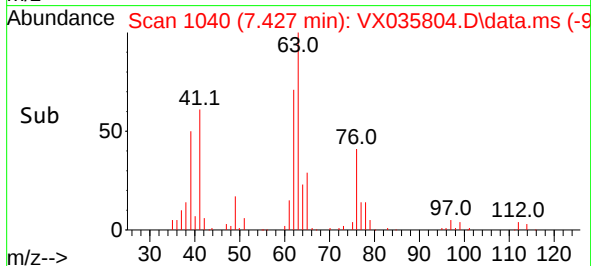
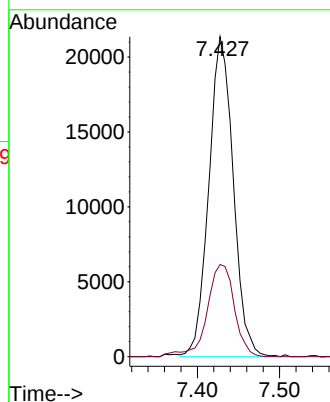
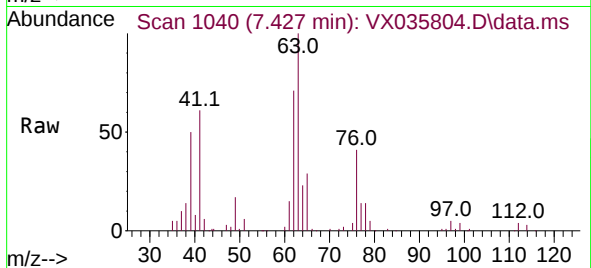
65 28.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 14.086 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

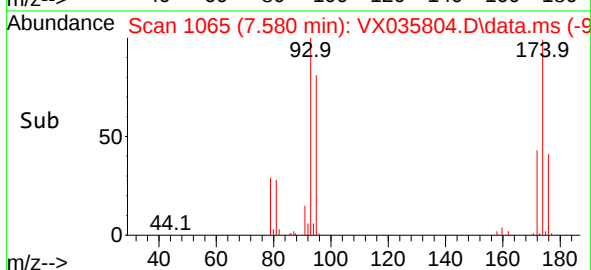
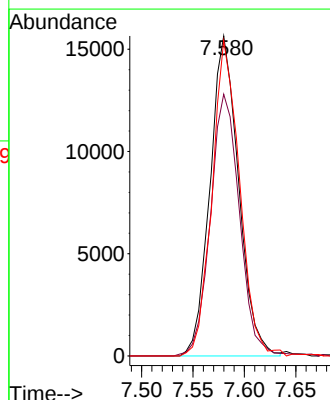
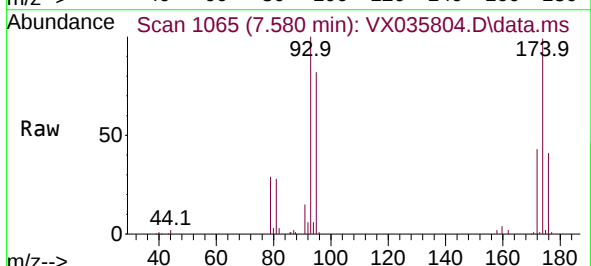
Tgt Ion: 93 Resp: 30234

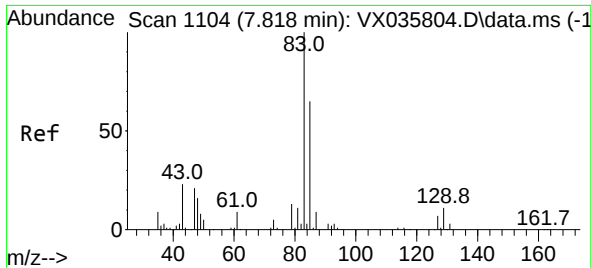
Ion Ratio Lower Upper

93 100

95 83.2 0.0 165.8

174 94.0 0.0 188.8





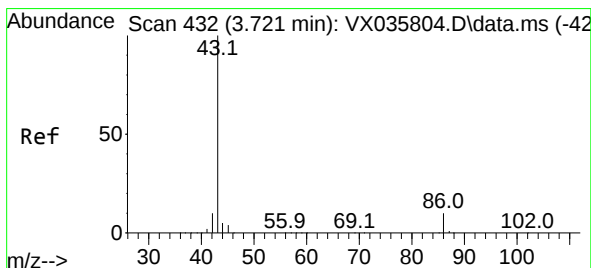
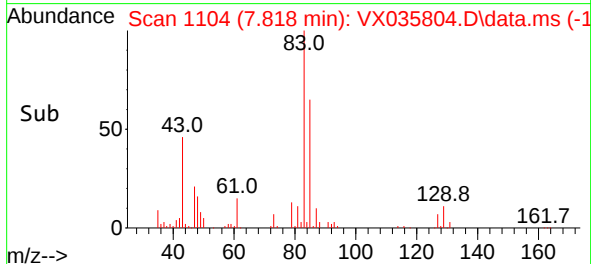
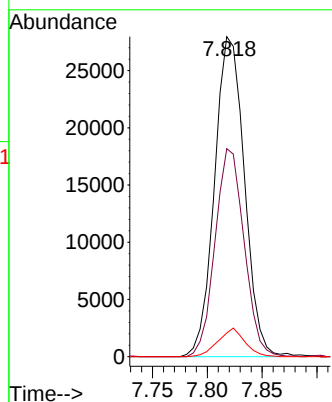
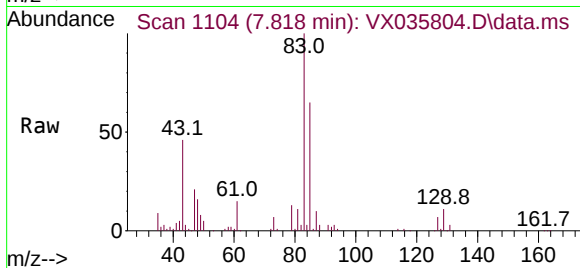
#41
Bromodichloromethane
Concen: 13.129 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 53039
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 7.4 8.2 12.4

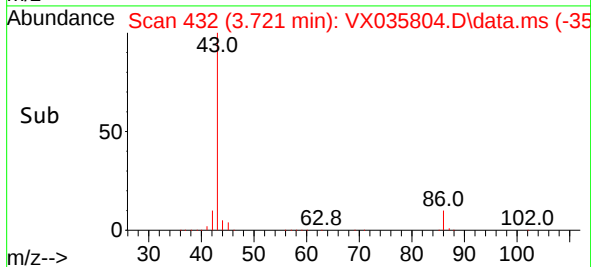
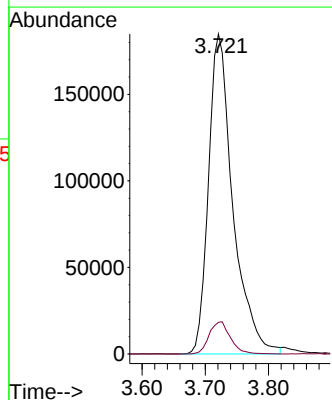
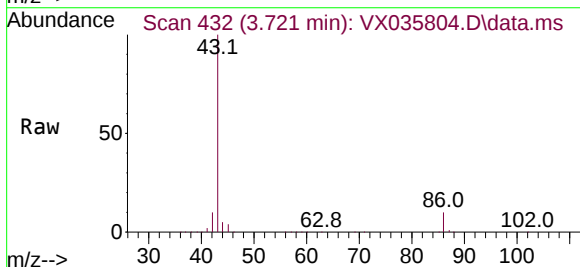
Manual Integrations
APPROVED

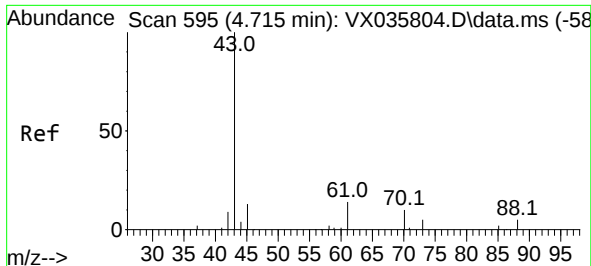
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 66.749 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 43 Resp: 496066
Ion Ratio Lower Upper
43 100
86 8.8 6.9 10.3





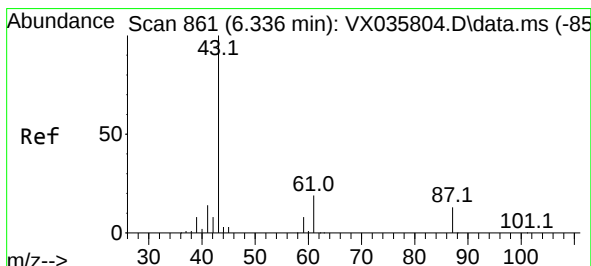
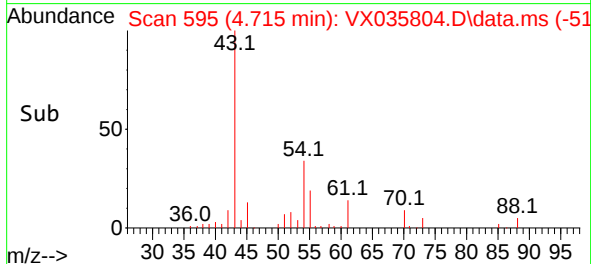
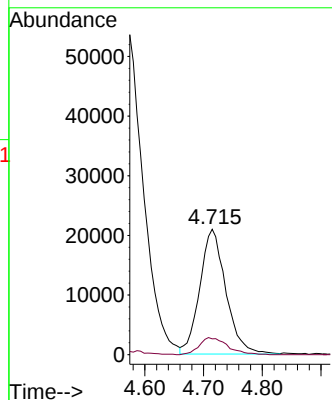
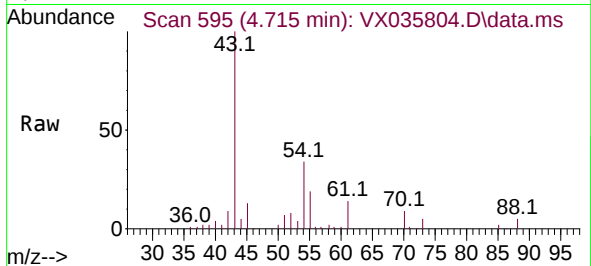
#43
Ethyl Acetate
Concen: 14.439 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 6459
Ion Ratio Lower Upper
43 100
45 14.7 12.0 18.0

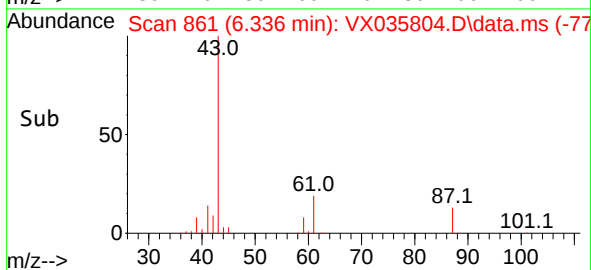
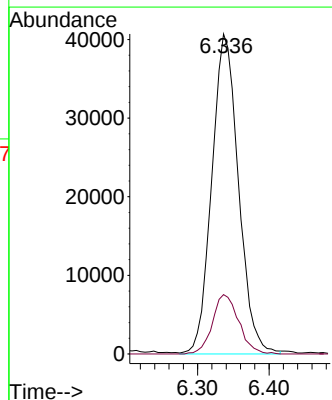
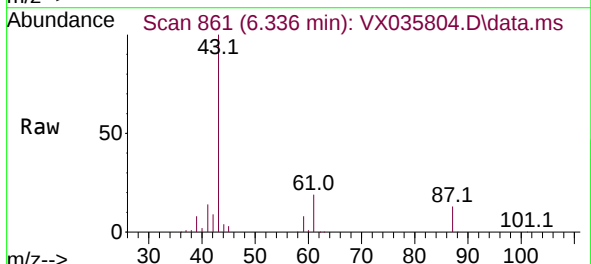
Manual Integrations
APPROVED

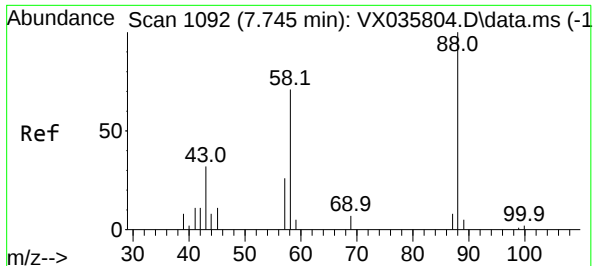
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Isopropyl Acetate
Concen: 13.956 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

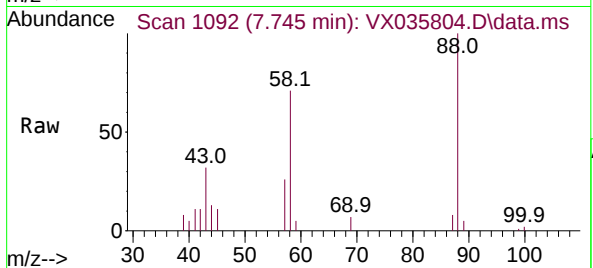
Tgt Ion: 43 Resp: 105588
Ion Ratio Lower Upper
43 100
61 18.2 15.4 23.0





#45
1,4-Dioxane
Concen: 303.208 ug/l m
RT: 7.745 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

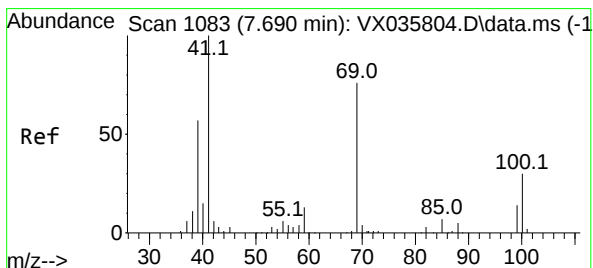
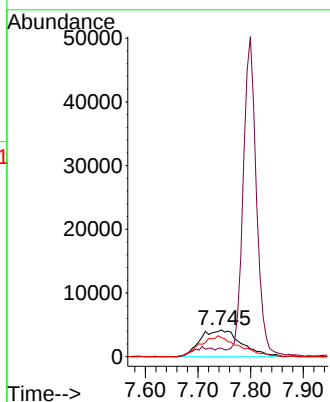
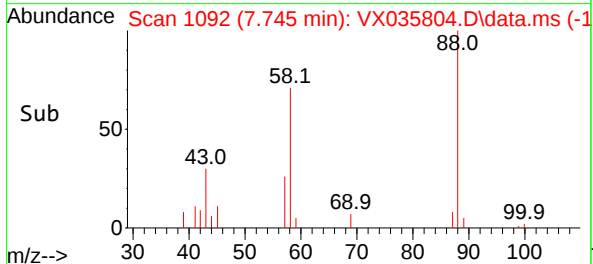
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 22729
Ion Ratio Lower Upper
88 100
43 5.3 26.5 39.7
58 25.8 55.6 83.4

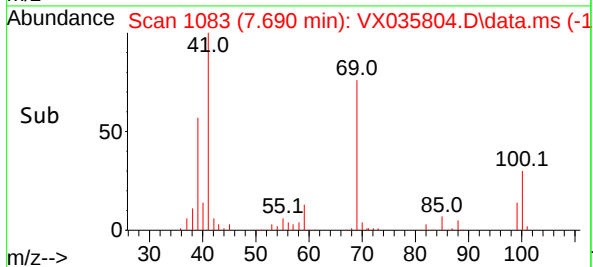
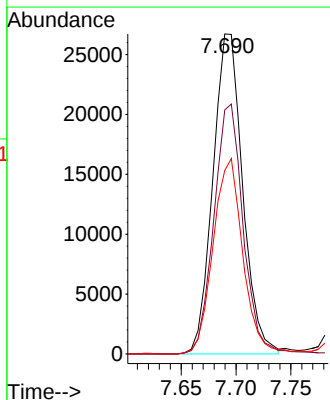
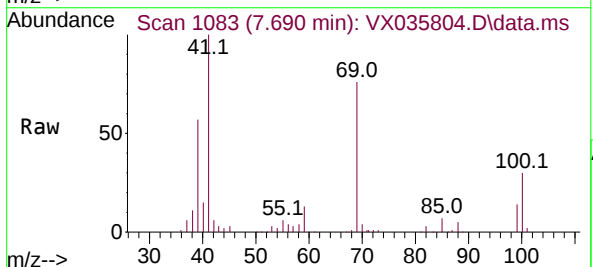
Manual Integrations
APPROVED

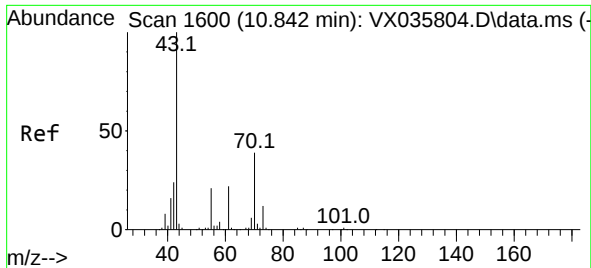
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 13.648 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 41 Resp: 50407
Ion Ratio Lower Upper
41 100
69 76.2 38.1 114.5
39 57.3 31.4 94.3





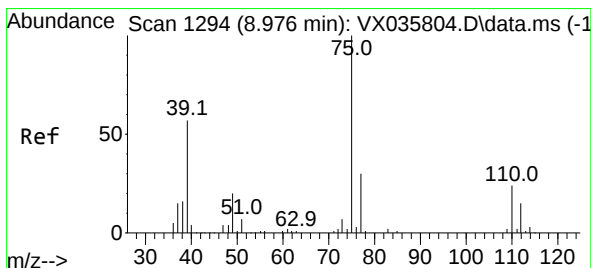
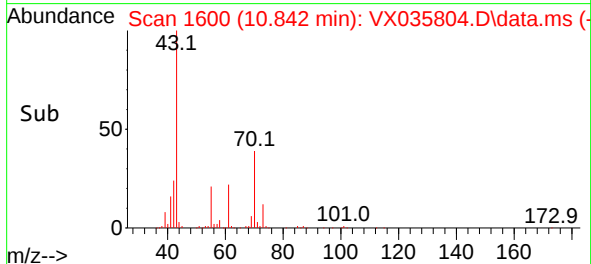
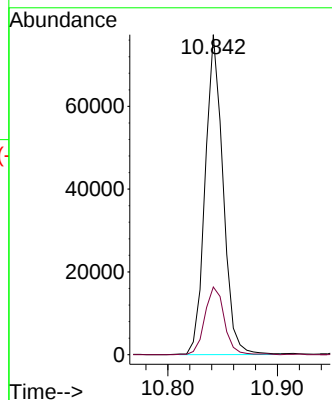
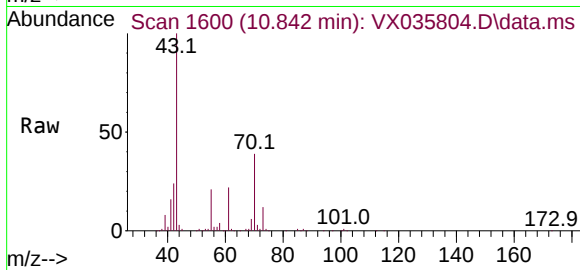
#47
n-amy1 Acetate
Concen: 13.311 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 87502
Ion Ratio Lower Upper
43 100
55 22.9 18.6 28.0

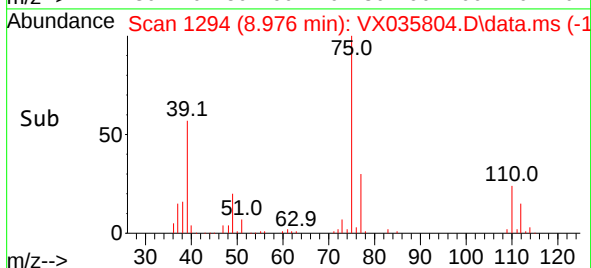
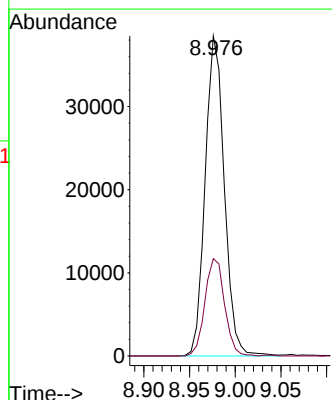
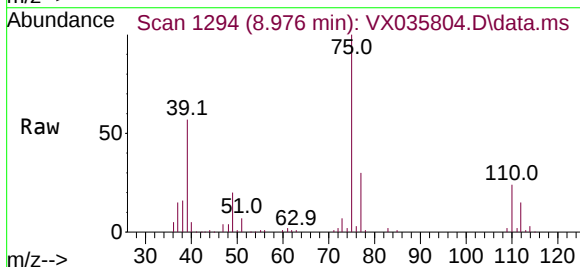
Manual Integrations
APPROVED

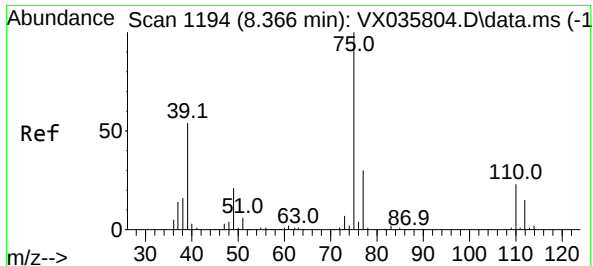
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 12.676 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 75 Resp: 55978
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 13.379 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

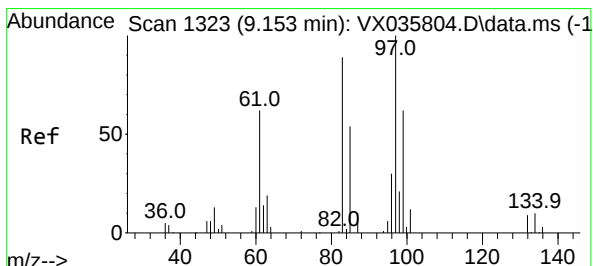
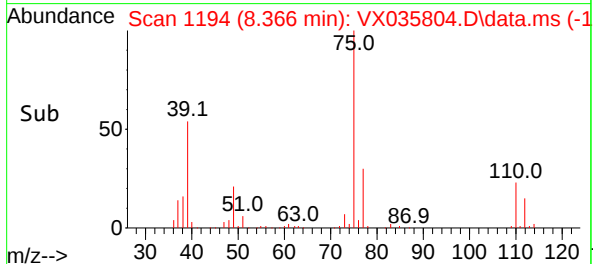
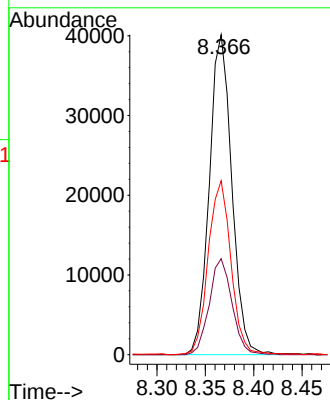
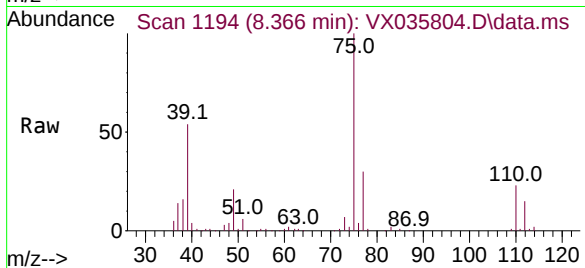
Tgt Ion: 75	Resp: 6493
Ion Ratio	Lower Upper
75	100
77	30.0 24.6 37.0
39	54.2 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 14.449 ug/l

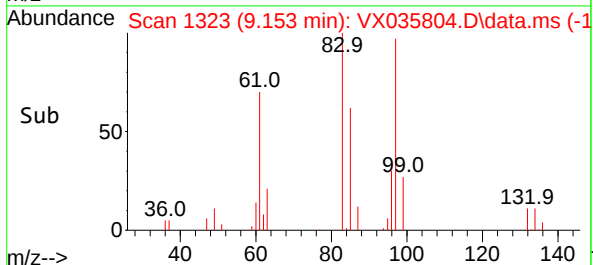
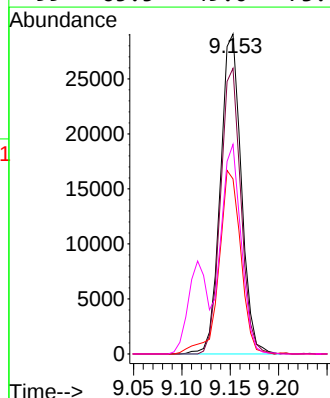
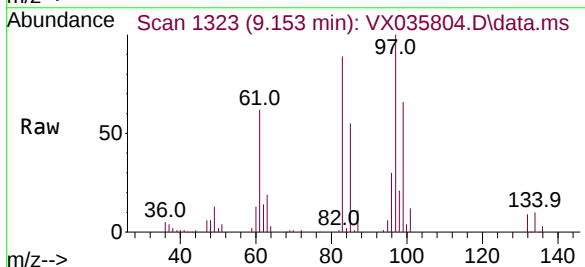
RT: 9.153 min Scan# 1323

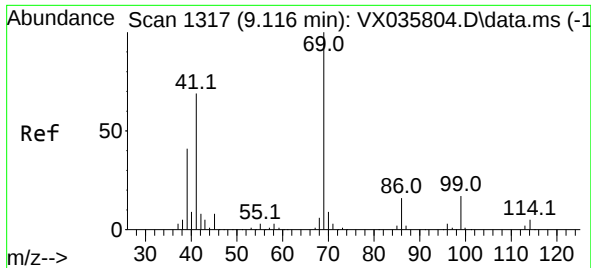
Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

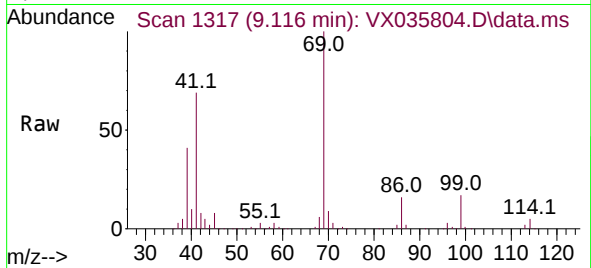
Tgt Ion: 97	Resp: 43598
Ion Ratio	Lower Upper
97	100
83	89.3 68.9 103.3
85	54.4 44.0 66.0
99	65.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 13.348 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

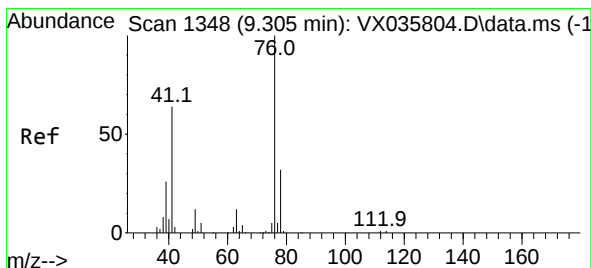
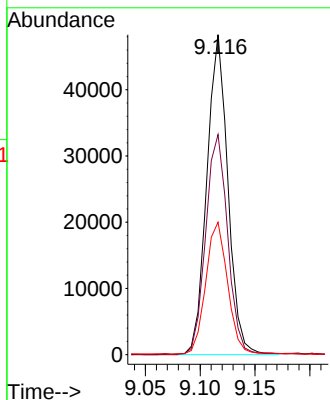
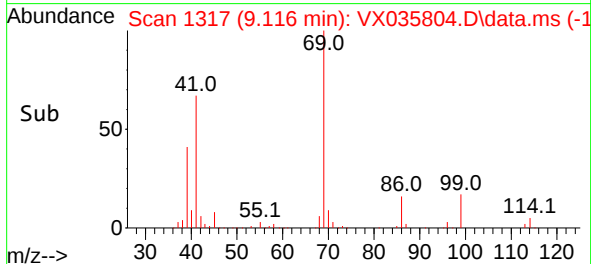
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 64580
Ion Ratio Lower Upper
69 100
41 68.6 36.2 108.6
39 41.1 21.2 63.6

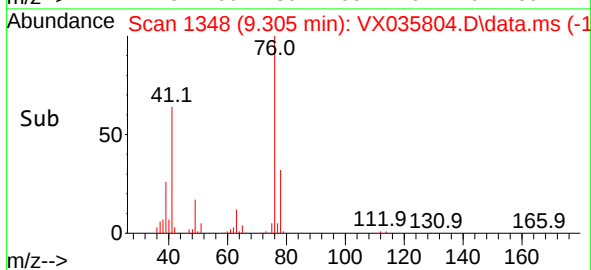
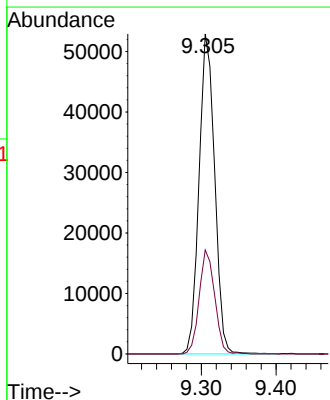
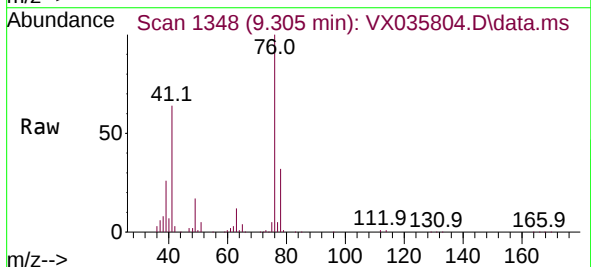
Manual Integrations
APPROVED

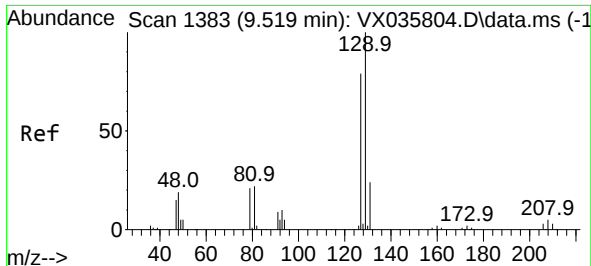
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
1,3-Dichloropropane
Concen: 14.447 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

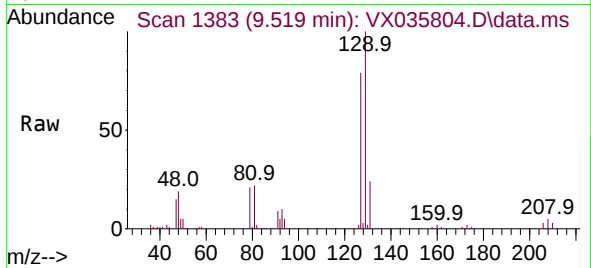
Tgt Ion: 76 Resp: 76731
Ion Ratio Lower Upper
76 100
78 32.0 0.0 63.8





#53
Dibromochloromethane
Concen: 12.651 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

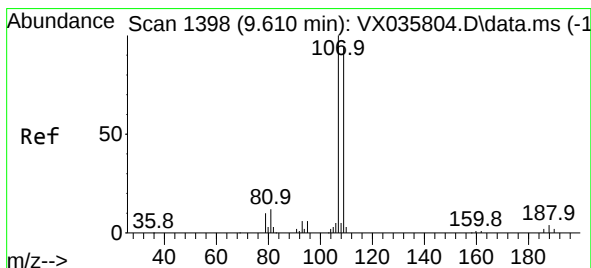
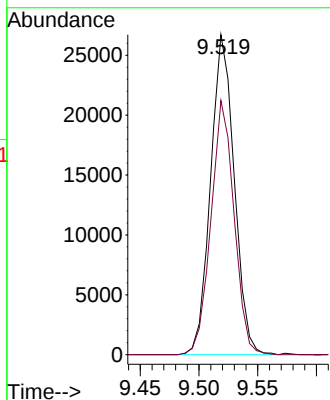
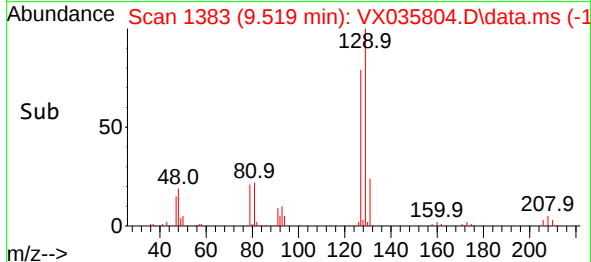
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 37420
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5

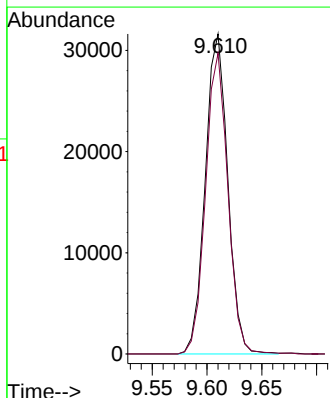
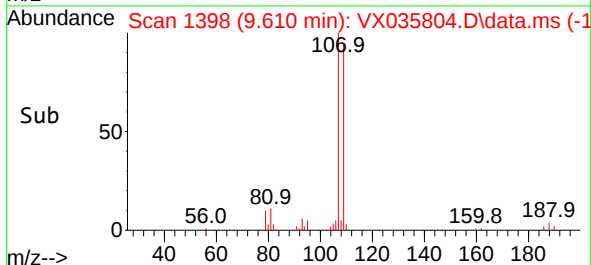
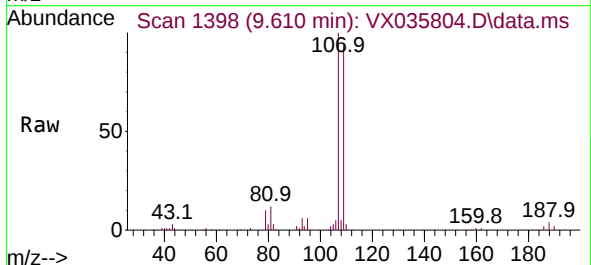
Manual Integrations
APPROVED

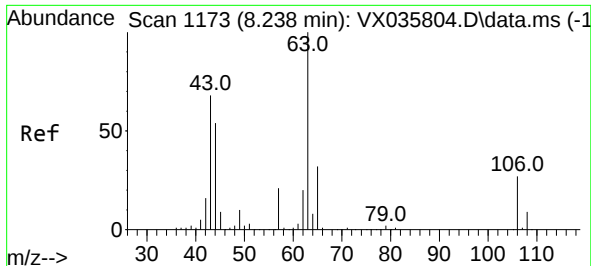
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
1,2-Dibromoethane
Concen: 14.040 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion:107 Resp: 45207
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 73.656 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 188579

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2

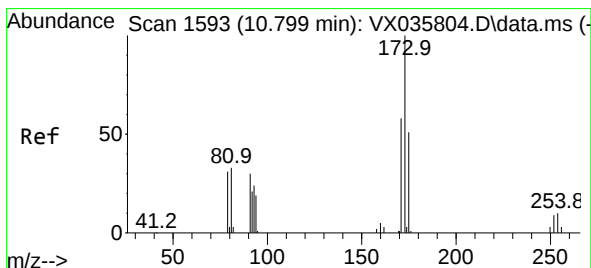
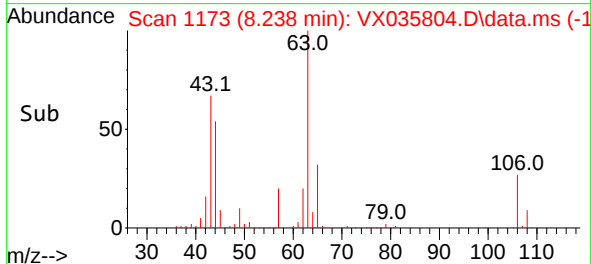
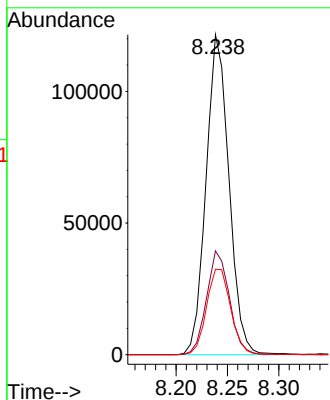
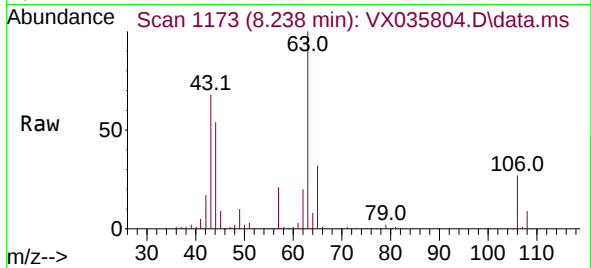
106 28.1 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#56

Bromoform

Concen: 11.124 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

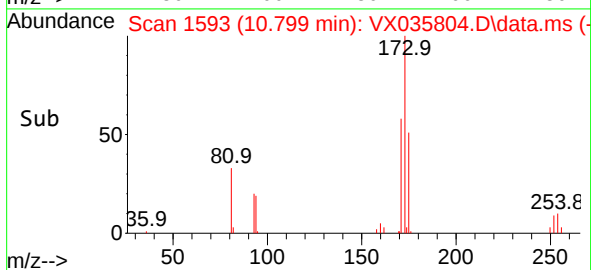
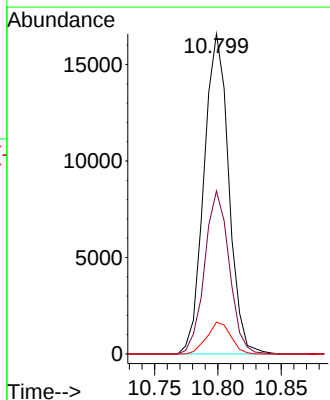
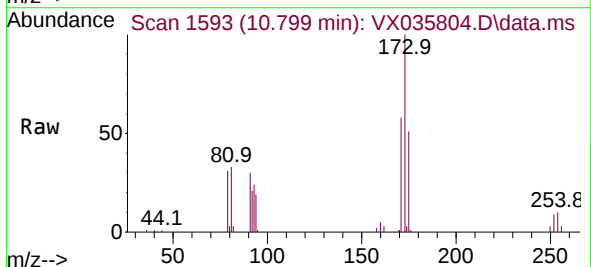
Tgt Ion:173 Resp: 22618

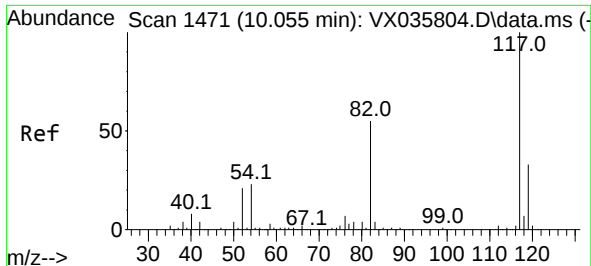
Ion Ratio Lower Upper

173 100

175 50.5 37.0 55.4

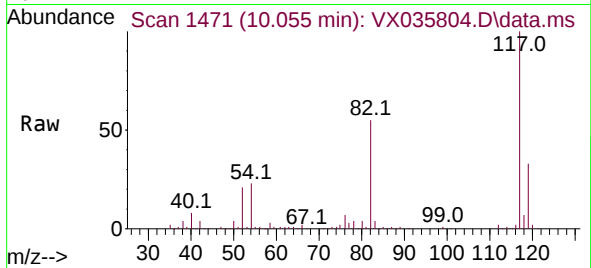
254 9.6 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

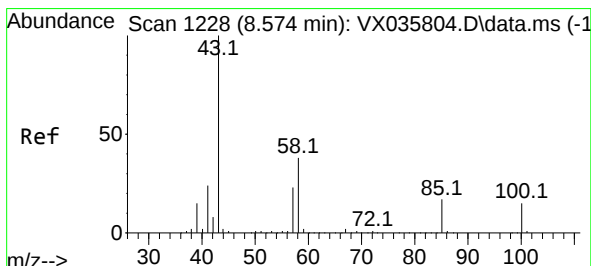
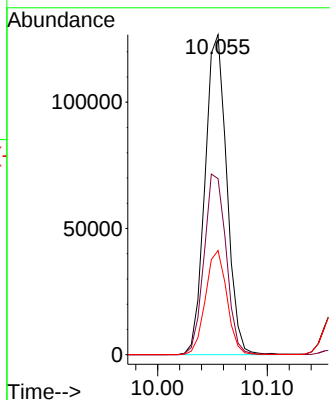
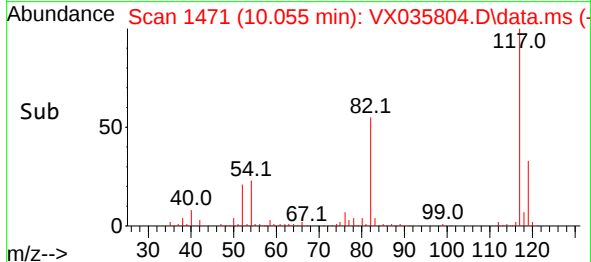
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 174574
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 32.1 25.4 38.0

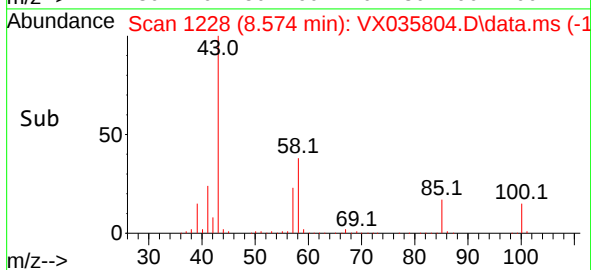
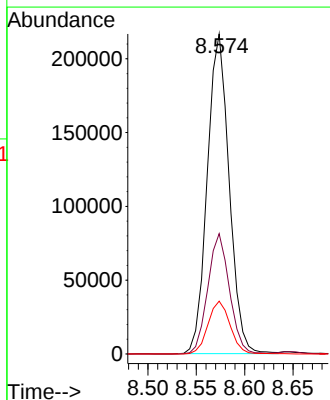
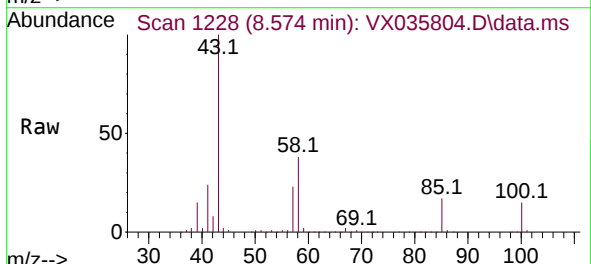
Manual Integrations
APPROVED

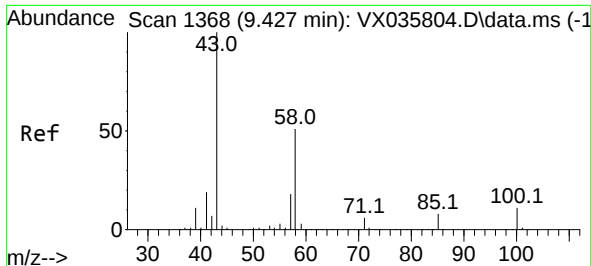
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#58
4-Methyl-2-Pentanone
Concen: 88.325 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

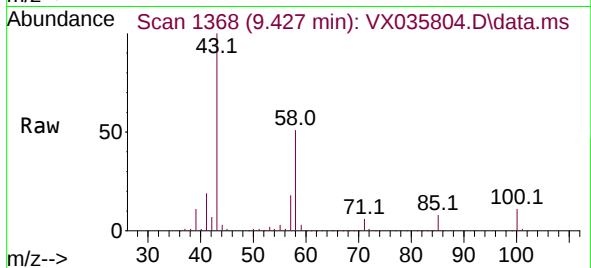
Tgt Ion: 43 Resp: 341611
Ion Ratio Lower Upper
43 100
58 37.2 29.9 44.9
85 16.6 13.2 19.8





#59
2-Hexanone
Concen: 89.315 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

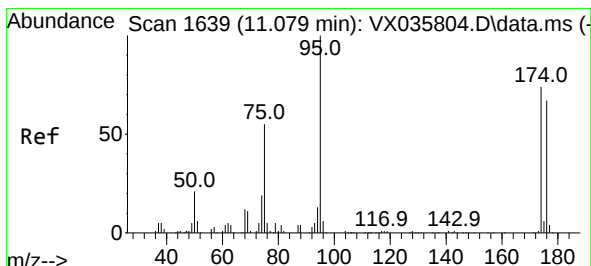
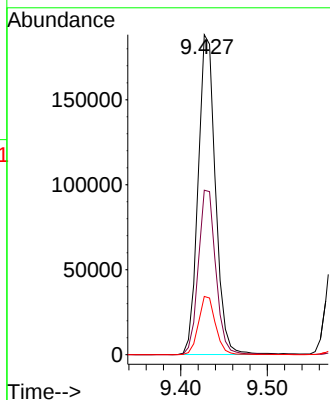
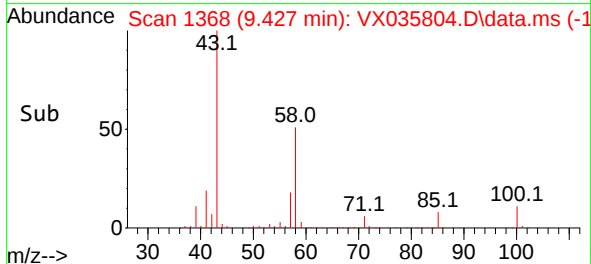
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 261358
Ion Ratio Lower Upper
43 100
58 51.5 41.7 62.5
57 17.9 14.7 22.1

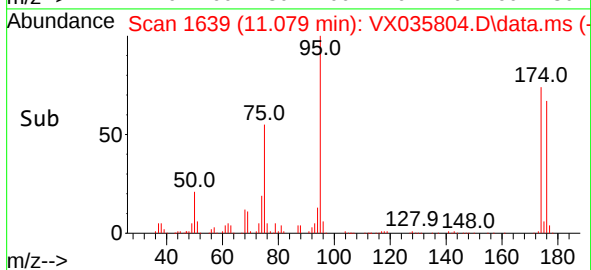
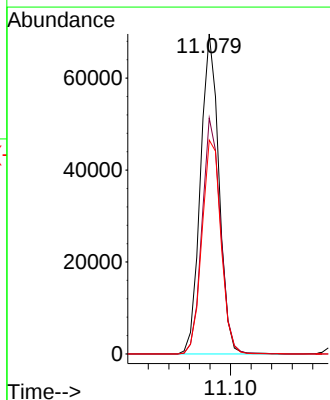
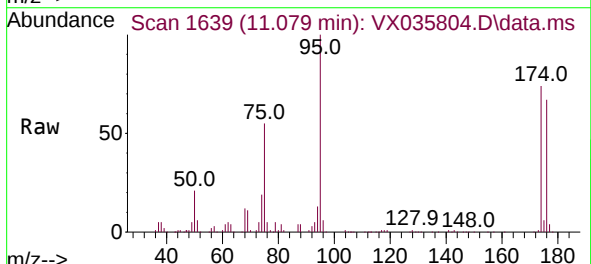
Manual Integrations
APPROVED

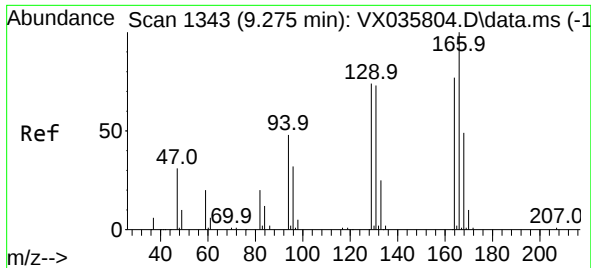
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
4-Bromofluorobenzene
Concen: 25.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

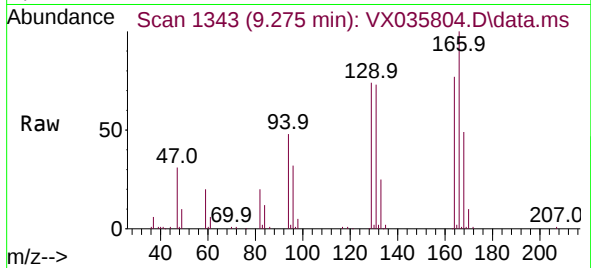
Tgt Ion: 95 Resp: 87075
Ion Ratio Lower Upper
95 100
174 73.7 0.2 0.4#
176 69.0 0.2 0.2#





#61
Tetrachloroethene
Concen: 13.969 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

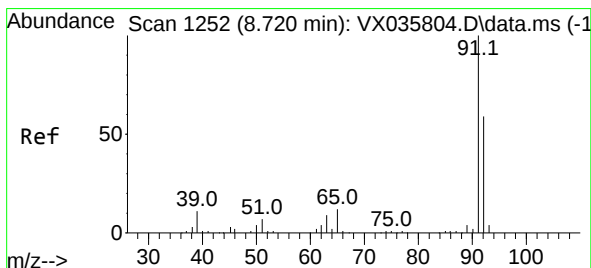
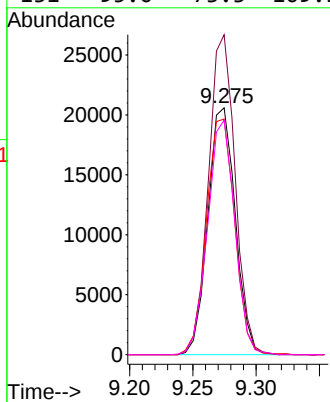
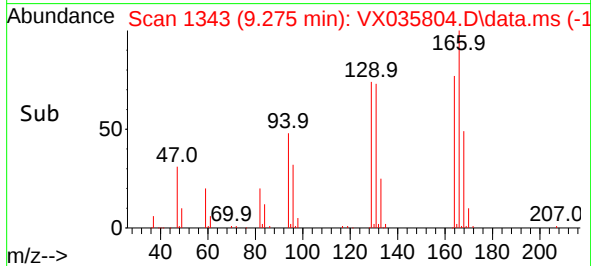
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 31095
Ion Ratio Lower Upper
164 100
166 129.6 100.1 150.1
129 95.4 79.1 118.7
131 95.0 73.3 109.9

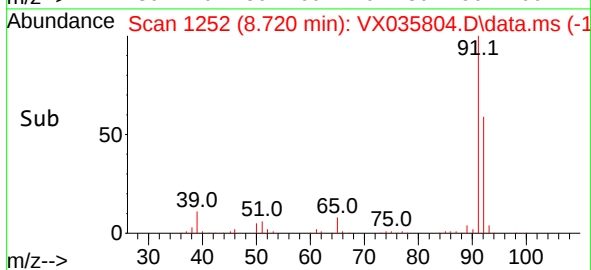
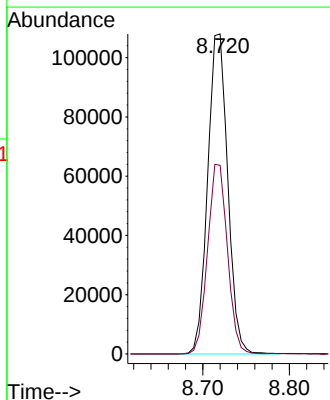
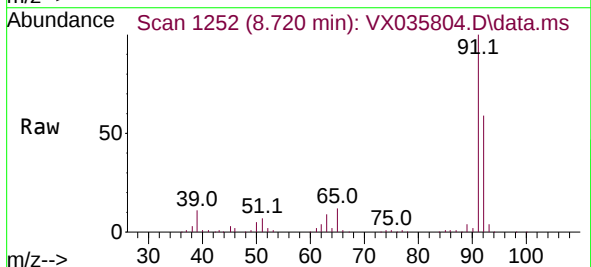
Manual Integrations
APPROVED

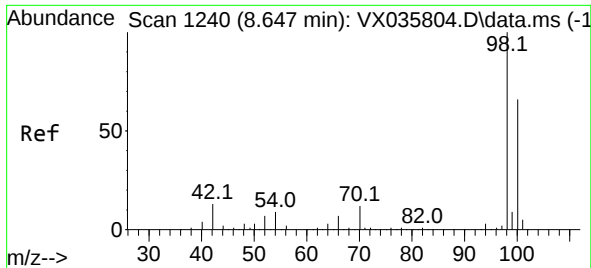
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
Toluene
Concen: 15.889 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

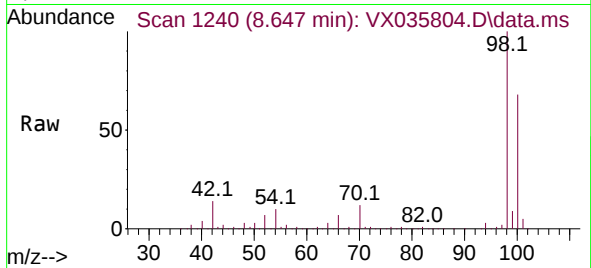
Tgt Ion: 91 Resp: 173867
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7





#63
Toluene-d8
Concen: 36.673 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

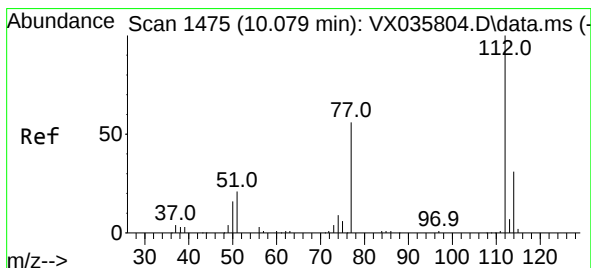
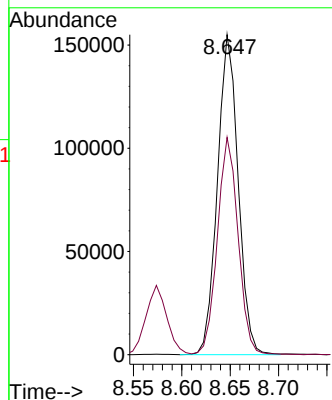
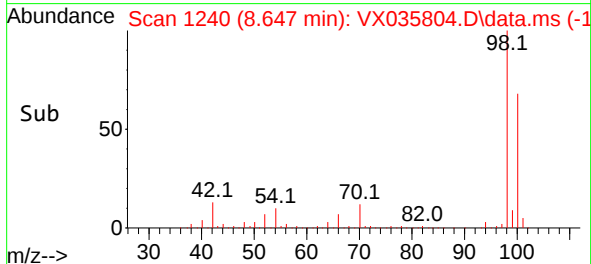
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



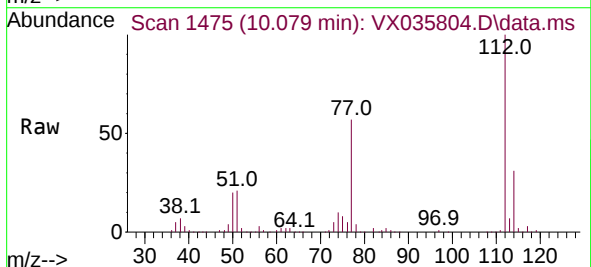
Tgt Ion: 98 Resp: 230562
Ion Ratio Lower Upper
98 100
100 68.0 52.1 78.1

Manual Integrations
APPROVED

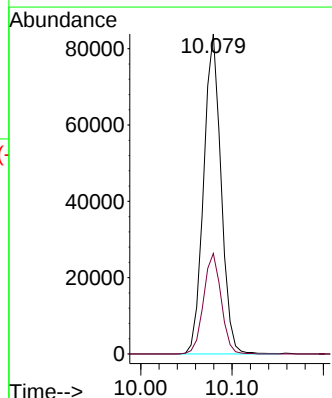
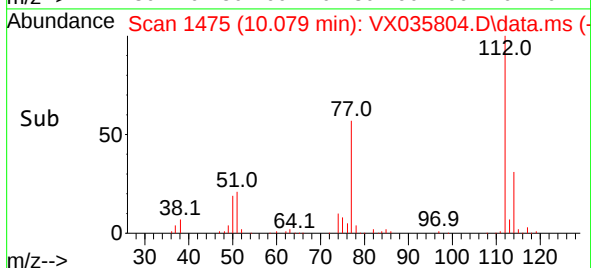
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

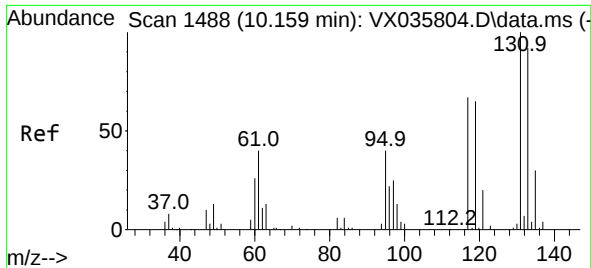


#64
Chlorobenzene
Concen: 16.297 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



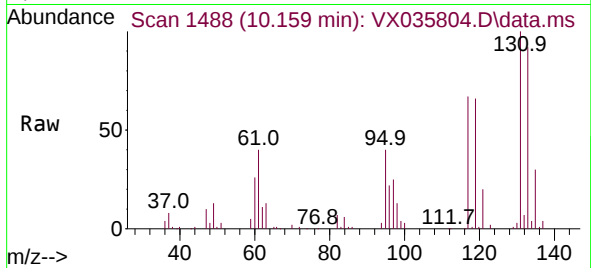
Tgt Ion:112 Resp: 110586
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 15.559 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

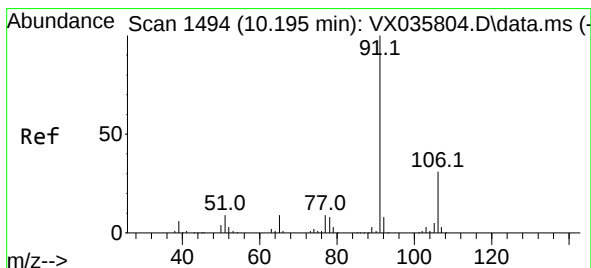
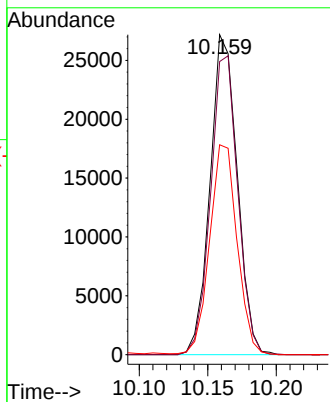
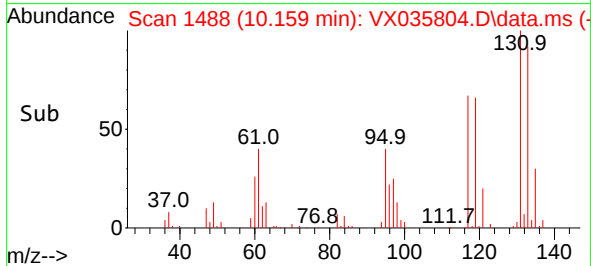
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 37488
Ion Ratio Lower Upper
131 100
133 93.5 0.0 186.6
119 66.4 0.0 128.6

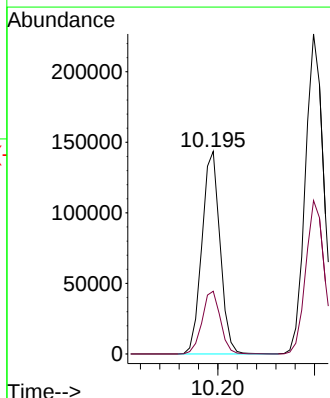
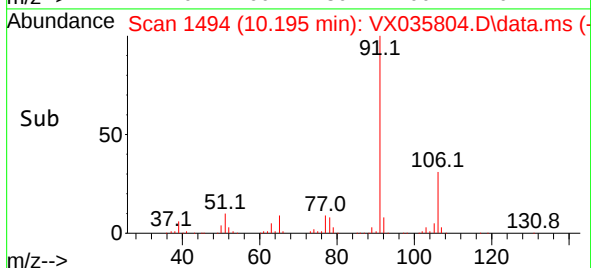
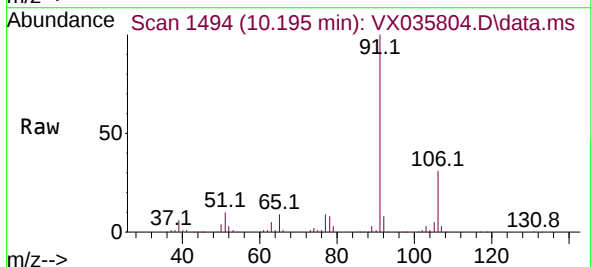
Manual Integrations
APPROVED

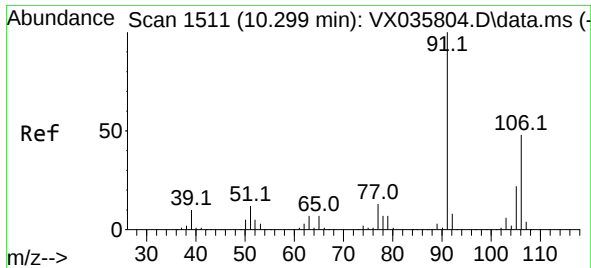
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 15.404 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 91 Resp: 187483
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





#67

m/p-Xylenes

Concen: 31.026 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:106 Resp: 144409

Ion Ratio Lower Upper

106 100

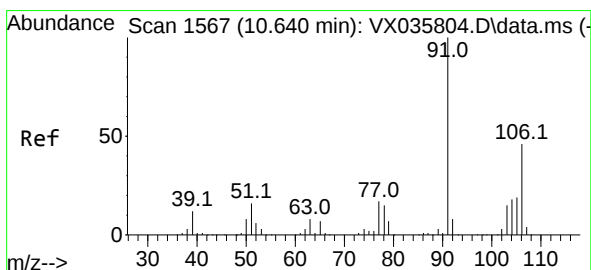
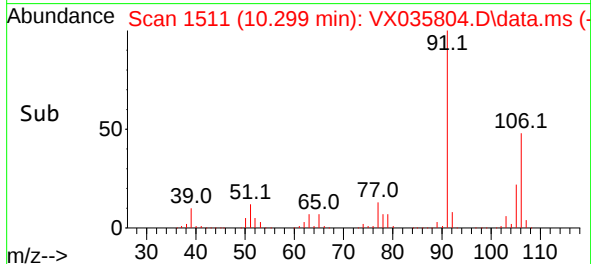
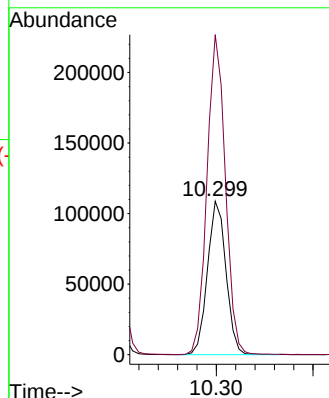
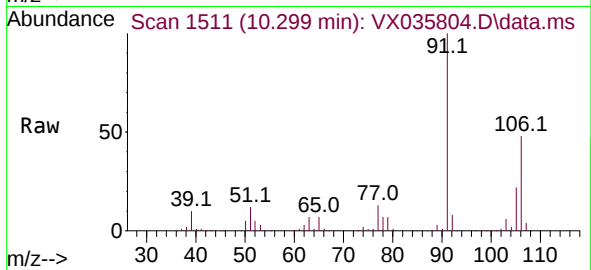
91 207.0 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#68

o-Xylene

Concen: 16.072 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035804.D

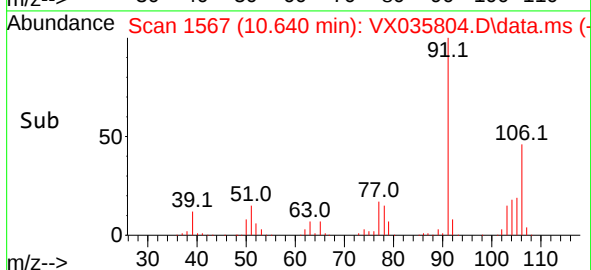
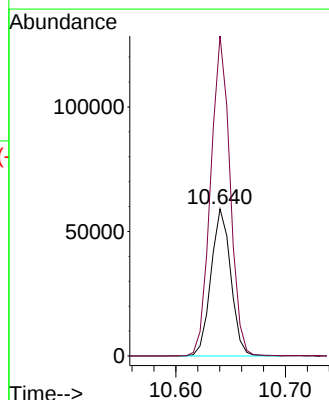
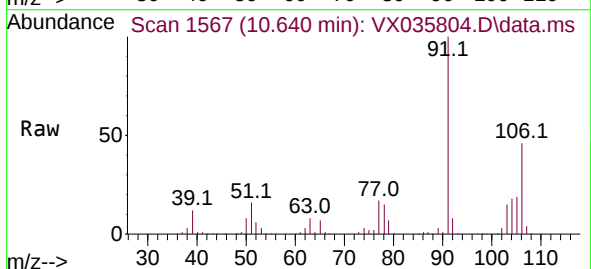
Acq: 23 May 2023 09:42

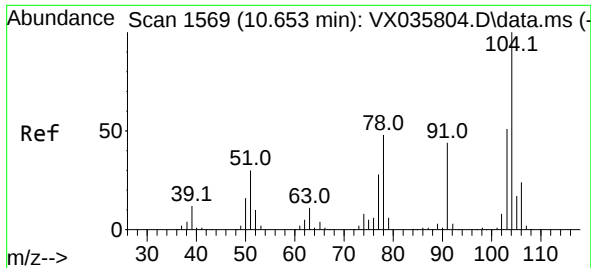
Tgt Ion:106 Resp: 74043

Ion Ratio Lower Upper

106 100

91 213.5 108.9 326.8





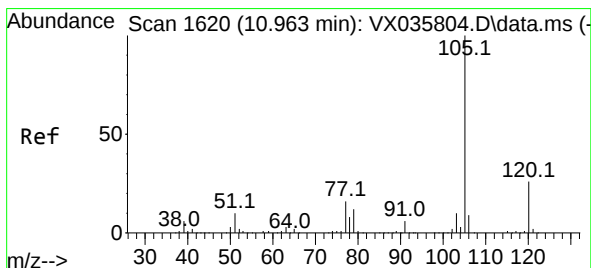
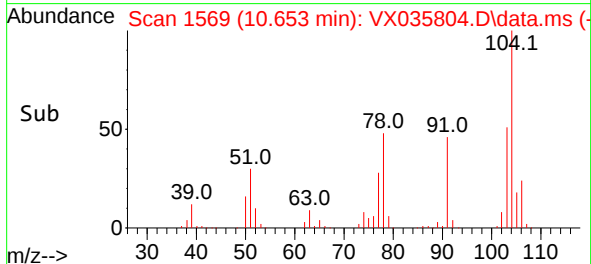
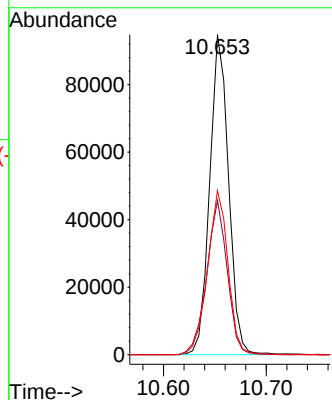
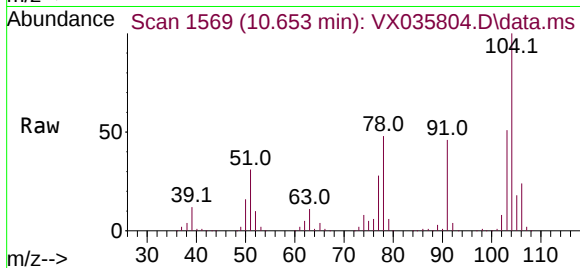
#69
Styrene
Concen: 15.871 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 120825
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 55.6 43.8 65.8

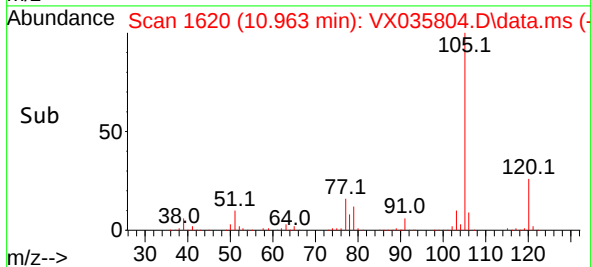
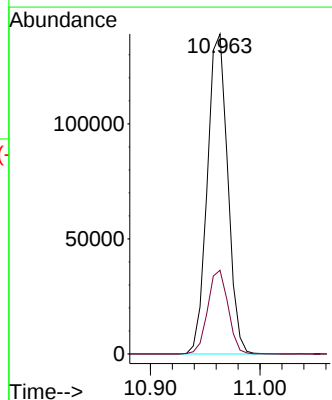
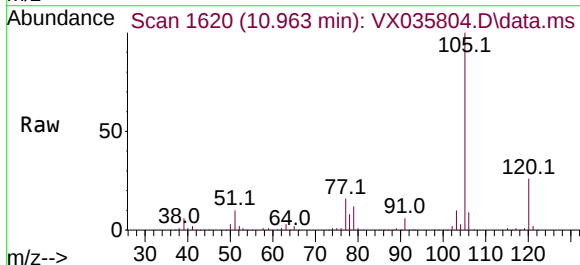
Manual Integrations
APPROVED

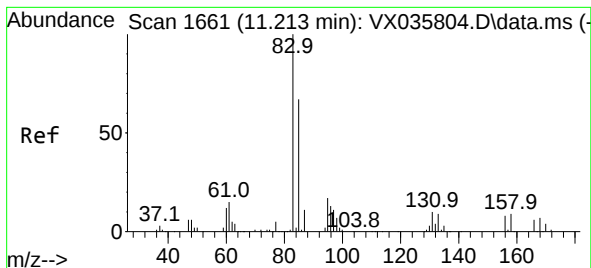
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Isopropylbenzene
Concen: 15.135 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

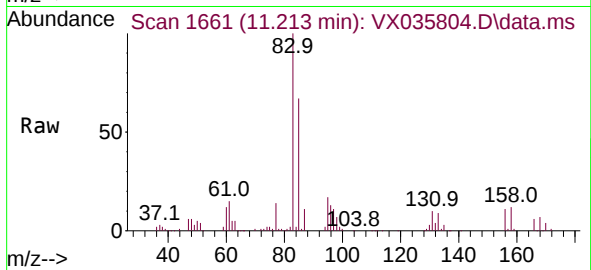
Tgt Ion:105 Resp: 179674
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 17.468 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

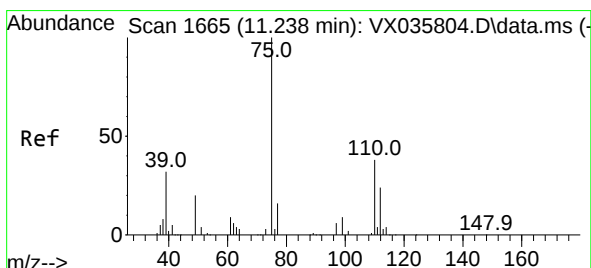
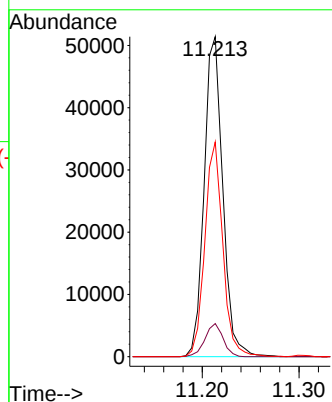
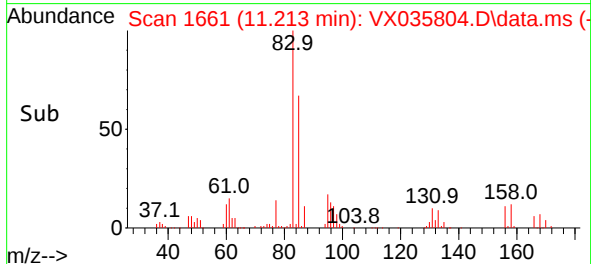
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



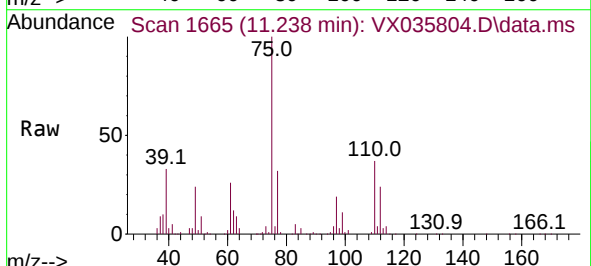
Tgt Ion: 83 Resp: 69015
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.7 31.9 95.5

Manual Integrations
APPROVED

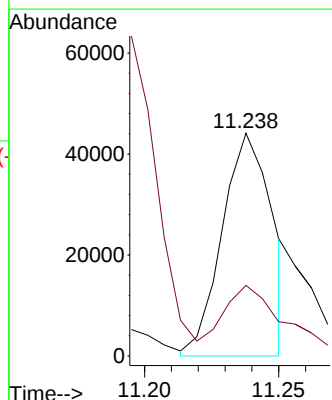
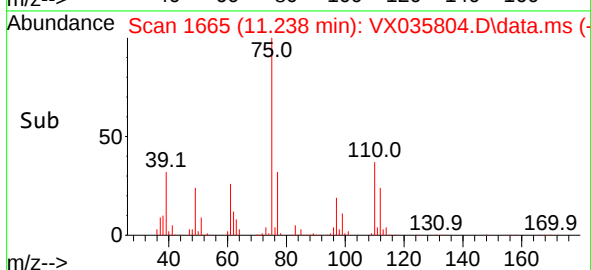
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

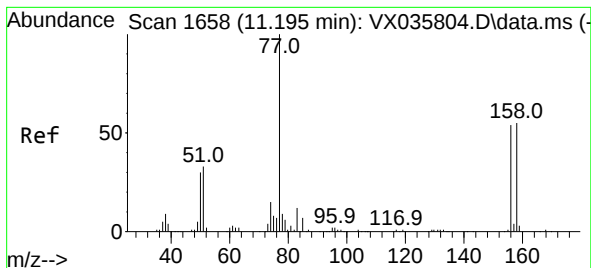


#72
1,2,3-Trichloropropane
Concen: 16.121 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



Tgt Ion: 75 Resp: 57042
Ion Ratio Lower Upper
75 100
77 39.8 0.0 73.8





#73

Bromobenzene

Concen: 15.902 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

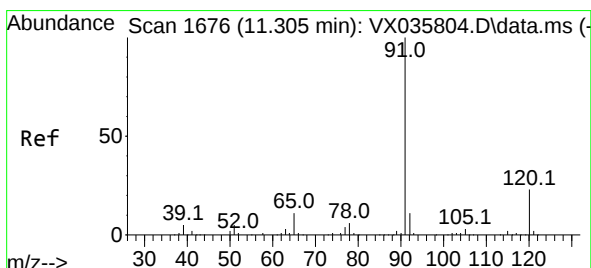
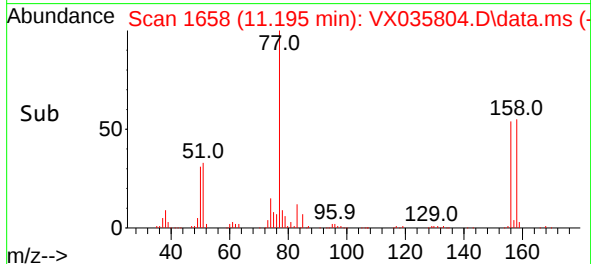
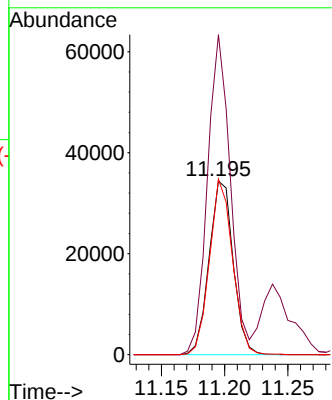
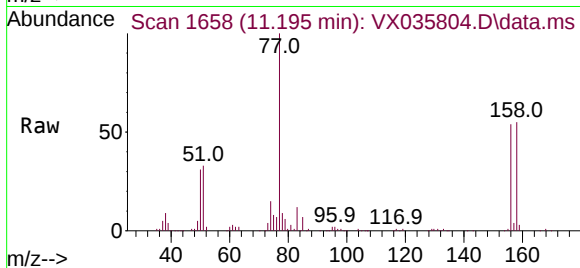
Tgt Ion:	156	Resp:	4554
Ion Ratio	Lower	Upper	
156	100		
77	174.8	0.0	330.8
158	96.7	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 15.325 ug/l

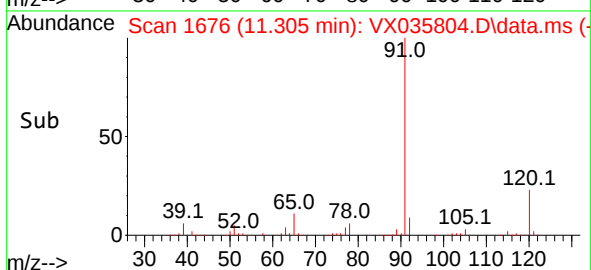
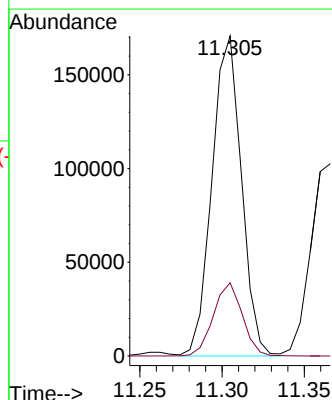
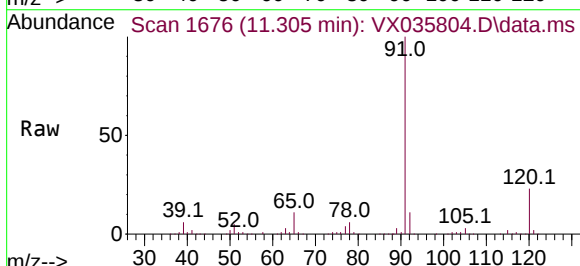
RT: 11.305 min Scan# 1676

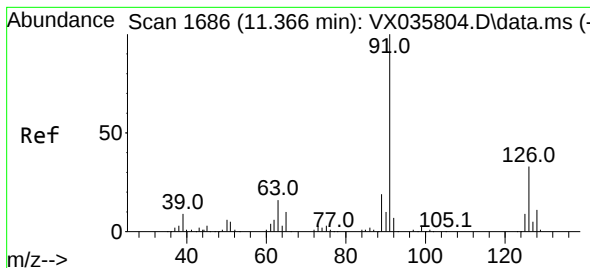
Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Tgt Ion:	91	Resp:	212599
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.8





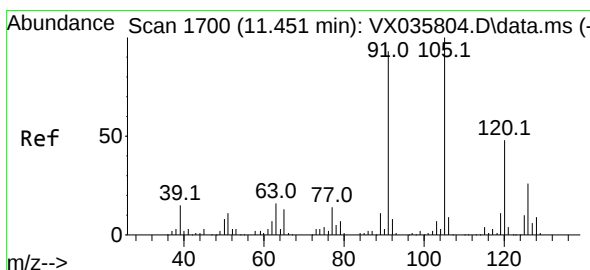
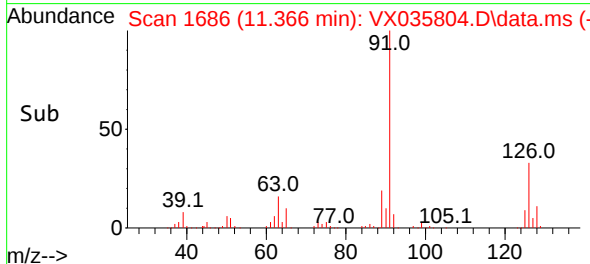
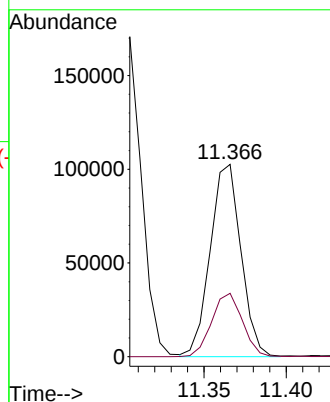
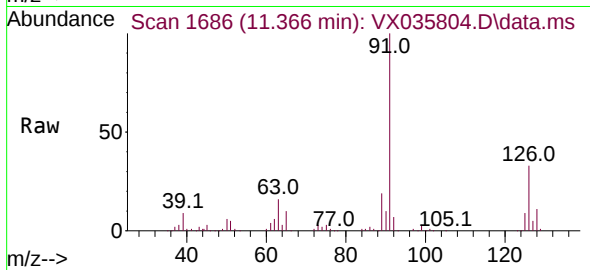
#75
2-Chlorotoluene
Concen: 15.443 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 13372
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

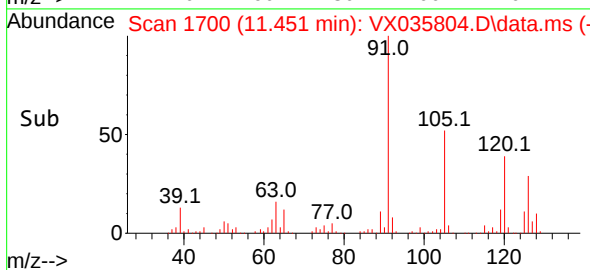
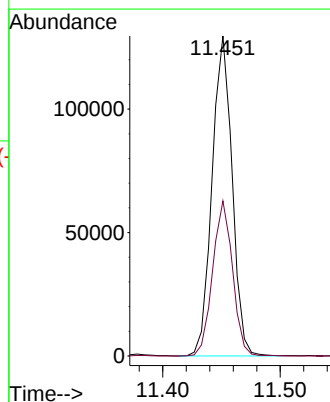
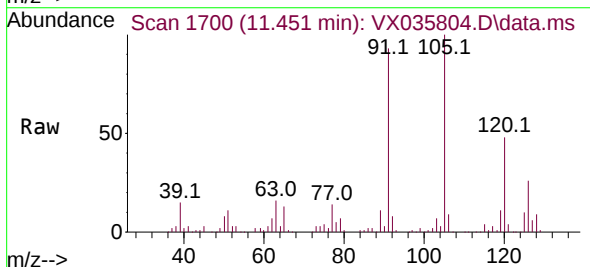
Manual Integrations
APPROVED

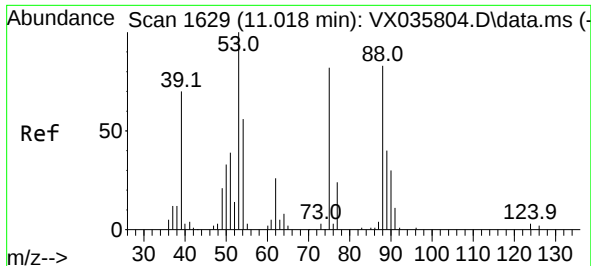
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 15.323 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion:105 Resp: 153590
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





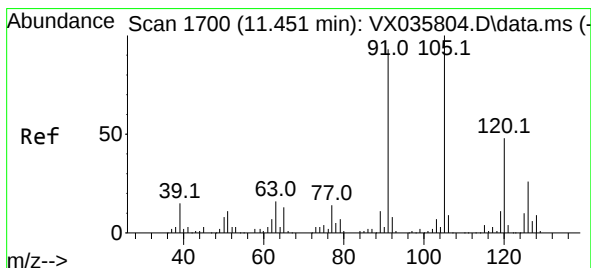
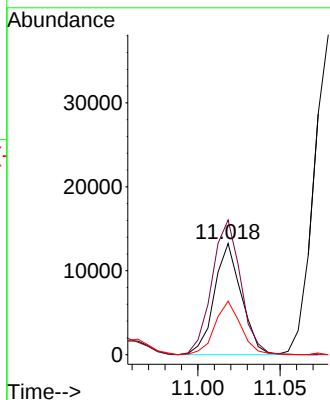
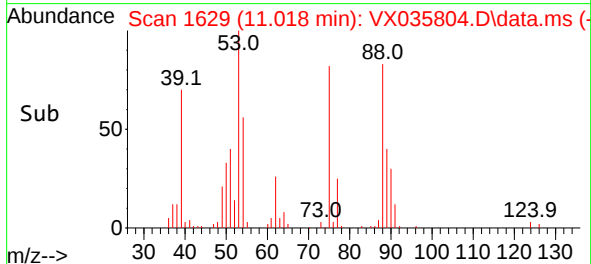
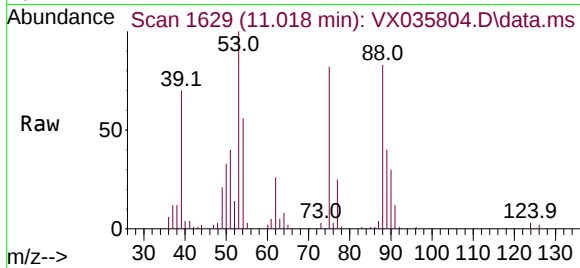
#77
t-1,4-Dichloro-2-butene
Concen: 13.826 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 15172
Ion Ratio Lower Upper
75 100
53 121.3 58.2 174.6
89 48.1 20.6 61.8

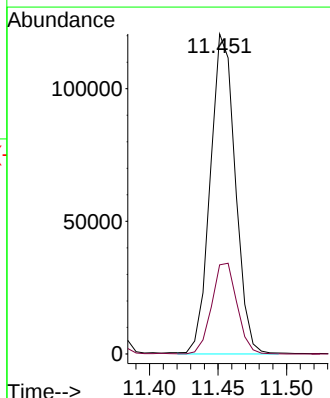
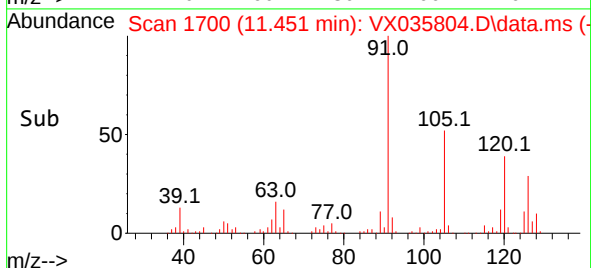
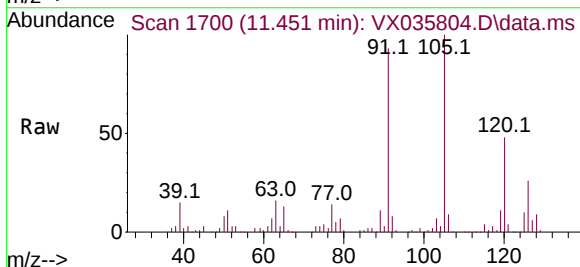
Manual Integrations
APPROVED

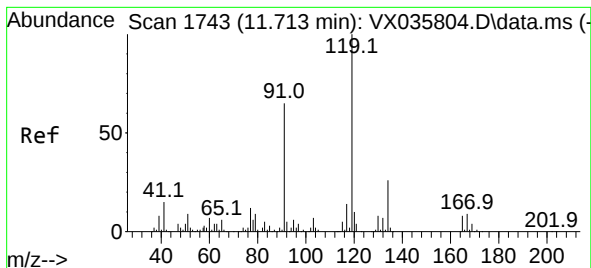
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 15.355 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Tgt Ion: 91 Resp: 152924
Ion Ratio Lower Upper
91 100
126 28.7 0.0 56.8





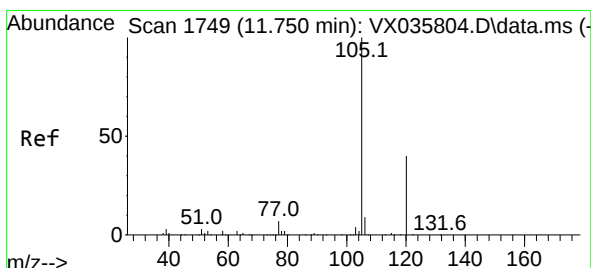
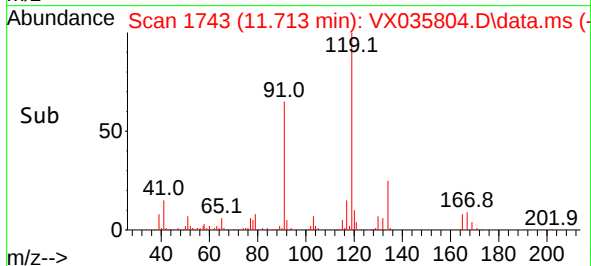
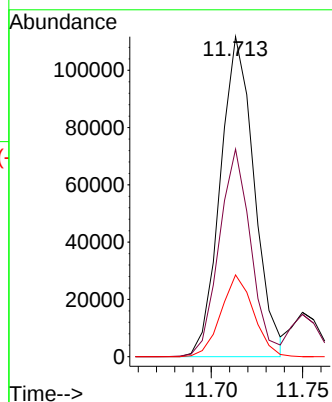
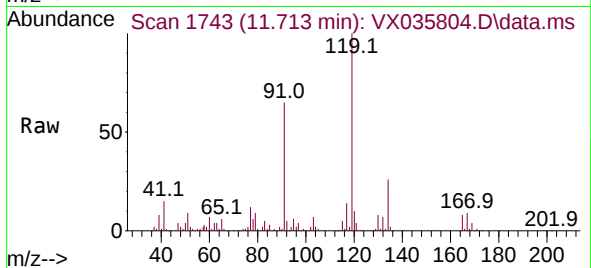
#79
tert-butylbenzene
Concen: 15.113 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 144514
Ion Ratio Lower Upper
119 100
91 60.7 0.0 122.4
134 24.5 0.0 49.2

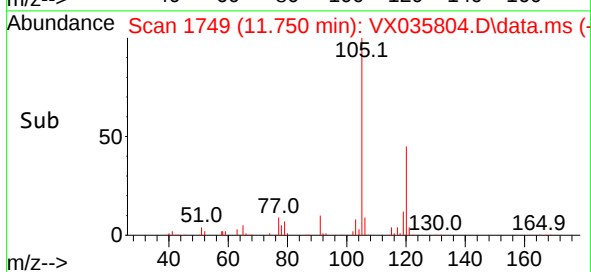
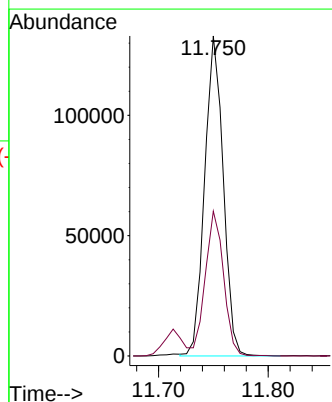
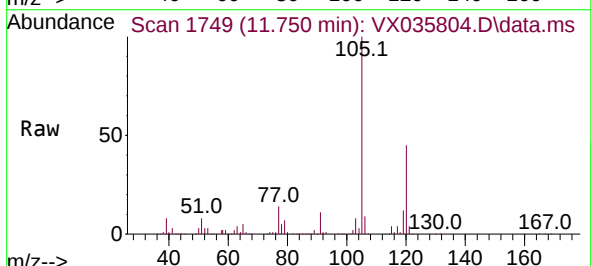
Manual Integrations
APPROVED

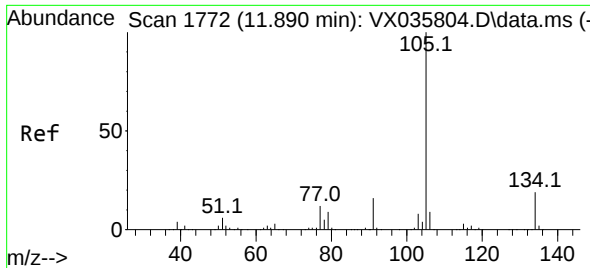
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 15.620 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

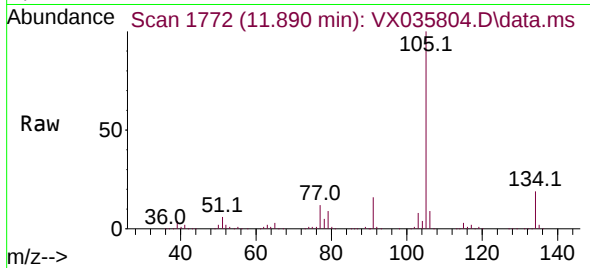
Tgt Ion:105 Resp: 156316
Ion Ratio Lower Upper
105 100
120 44.7 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 15.062 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42

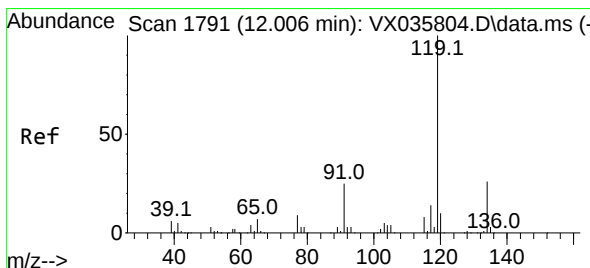
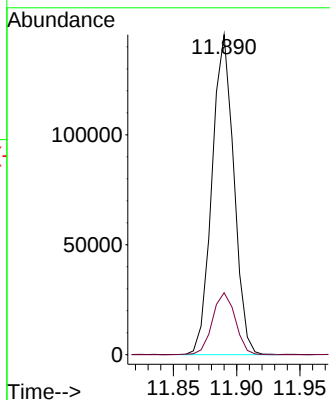
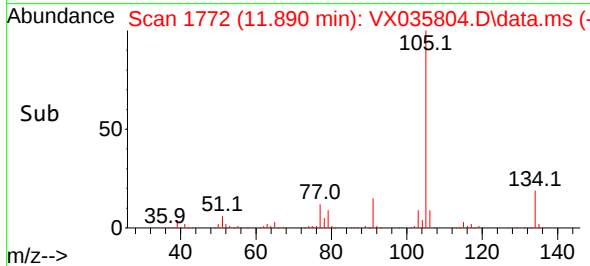
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



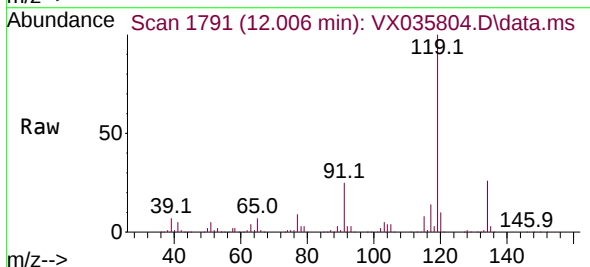
Tgt Ion:105 Resp: 174875
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.2

Manual Integrations
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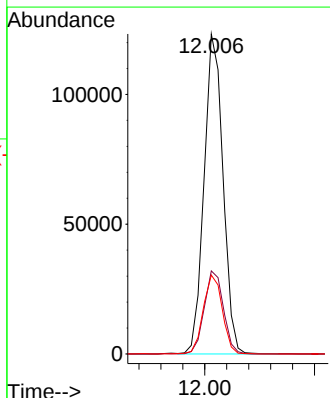
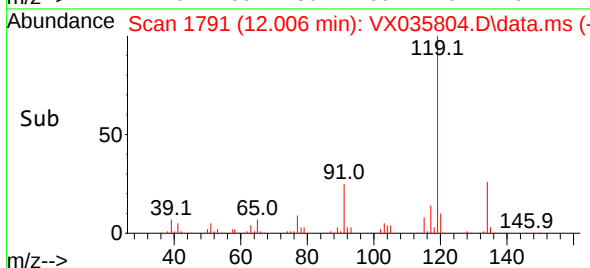
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

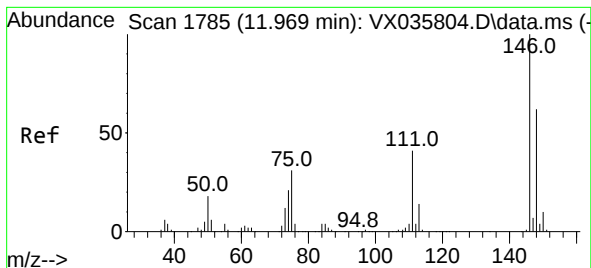


#82
 p-Isopropyltoluene
 Concen: 15.061 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035804.D
 Acq: 23 May 2023 09:42



Tgt Ion:119 Resp: 147806
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 24.7 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 15.724 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 85169

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

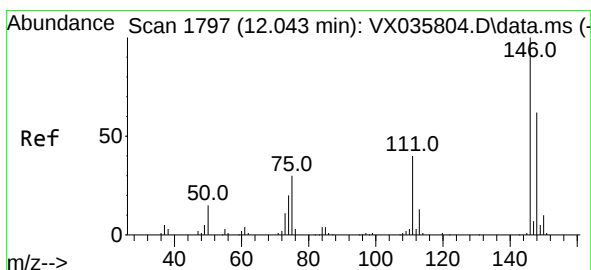
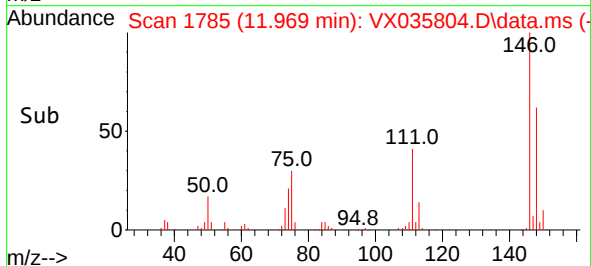
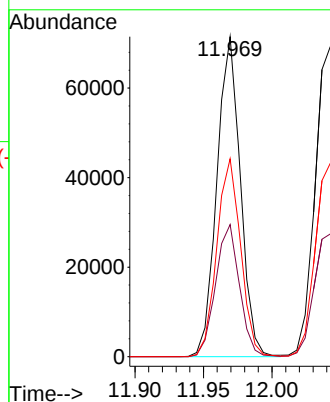
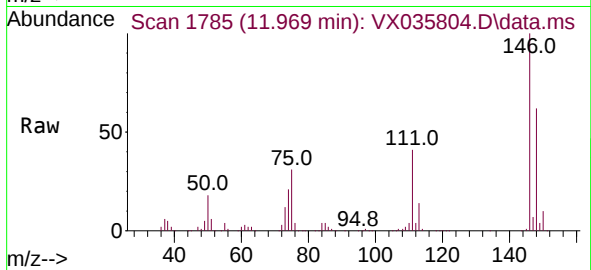
148 62.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#84

1,4-Dichlorobenzene

Concen: 15.710 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035804.D

Acq: 23 May 2023 09:42

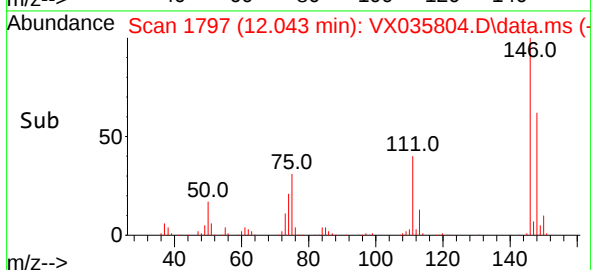
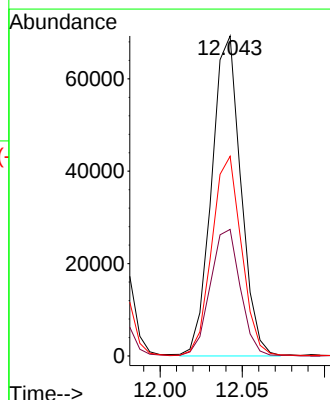
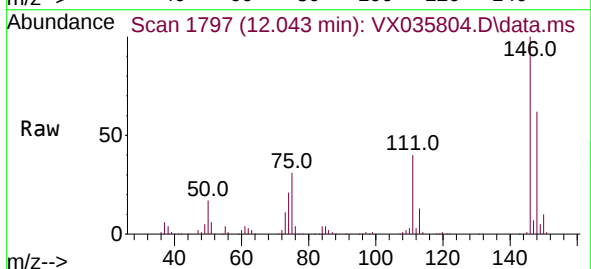
Tgt Ion:146 Resp: 85669

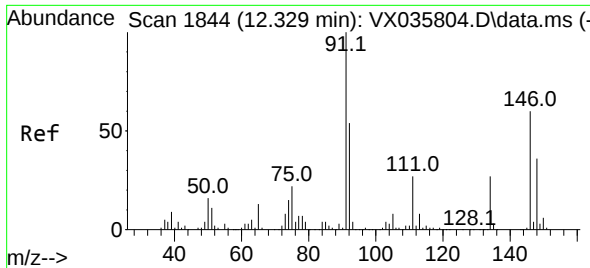
Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 63.6 31.8 95.3





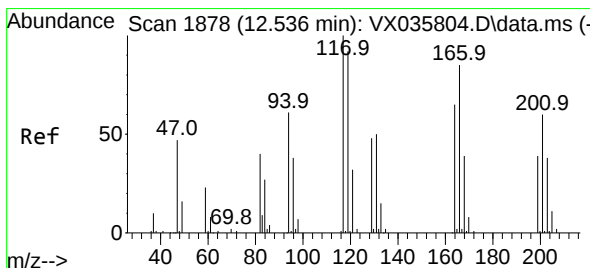
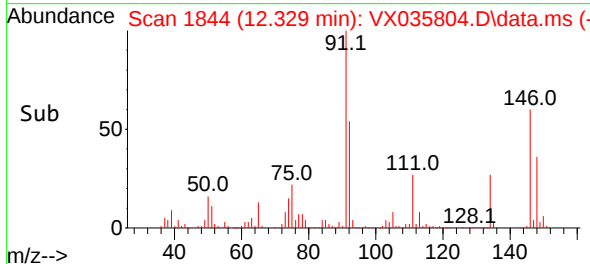
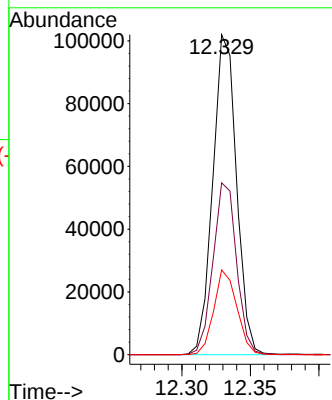
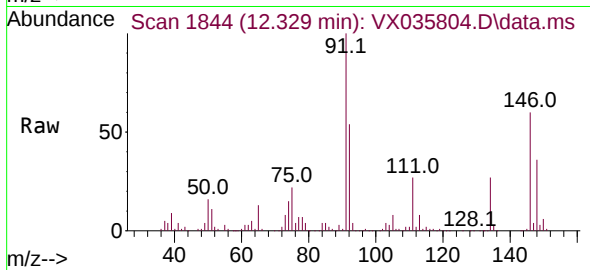
#85
n-Butylbenzene
Concen: 14.534 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 12272
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.6
134 25.7 0.0 49.8

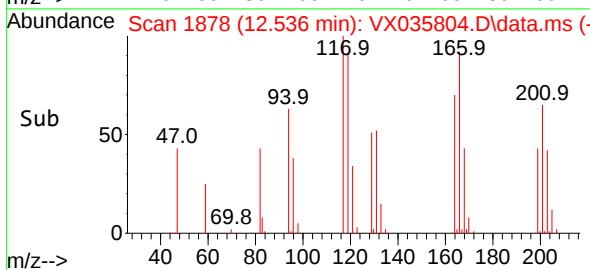
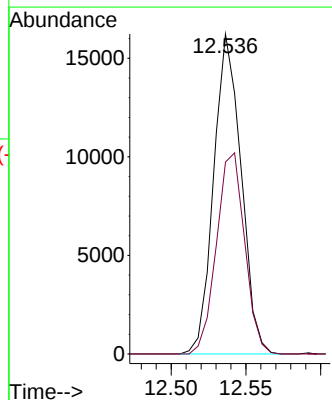
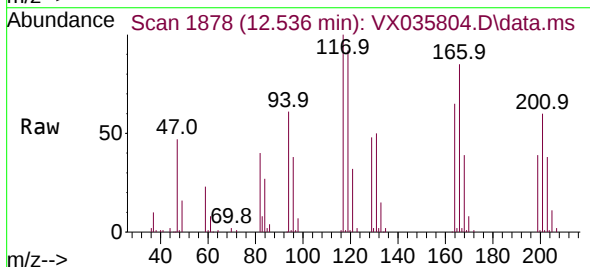
Manual Integrations
APPROVED

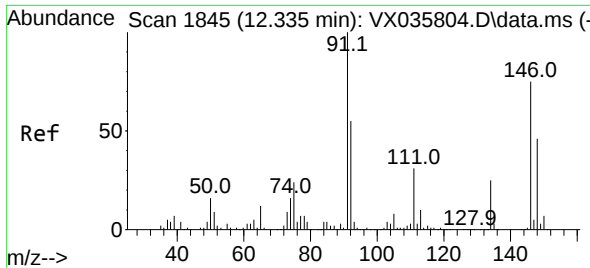
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 12.897 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

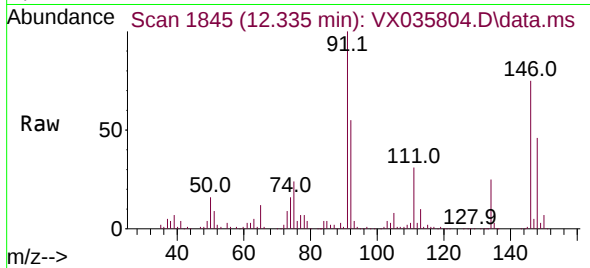
Tgt Ion:117 Resp: 20685
Ion Ratio Lower Upper
117 100
201 64.6 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 16.409 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

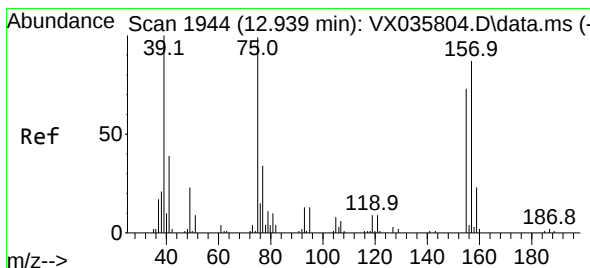
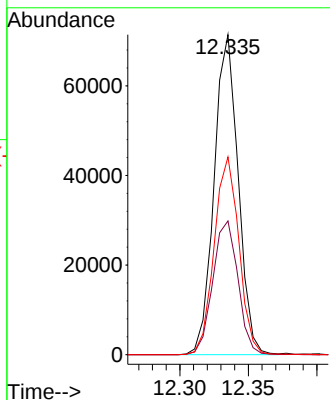
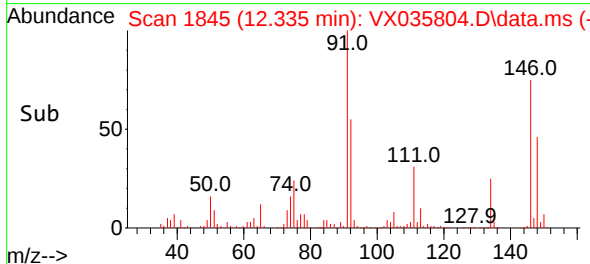
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 87179
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 63.3 31.7 95.1

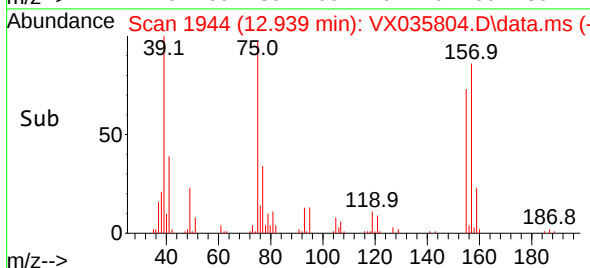
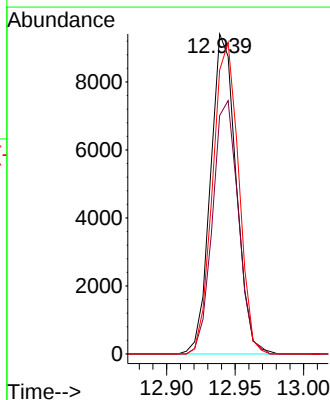
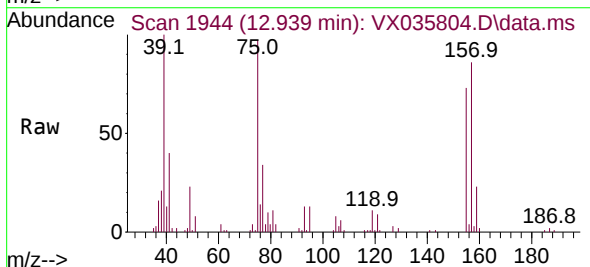
Manual Integrations
APPROVED

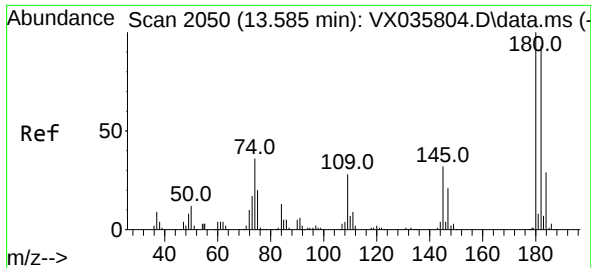
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 14.271 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

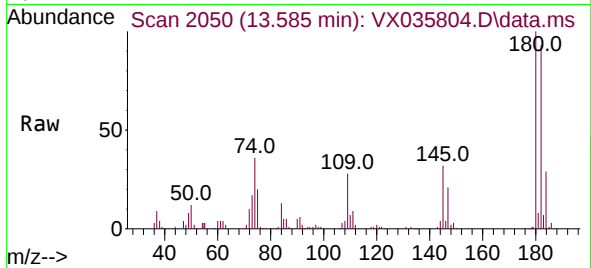
Tgt Ion: 75 Resp: 12211
Ion Ratio Lower Upper
75 100
155 79.4 63.7 95.5
157 98.3 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 15.198 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

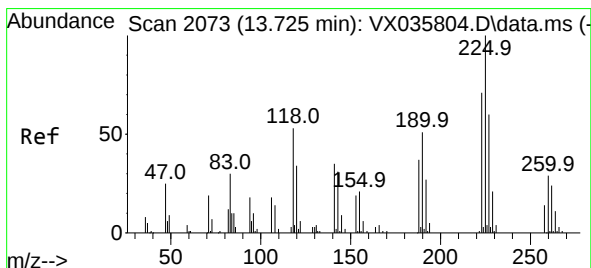
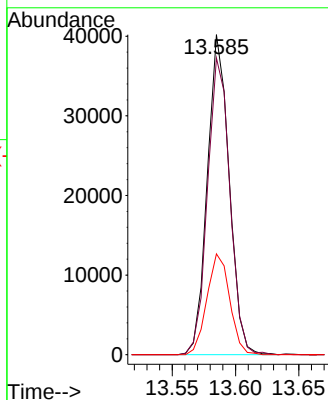
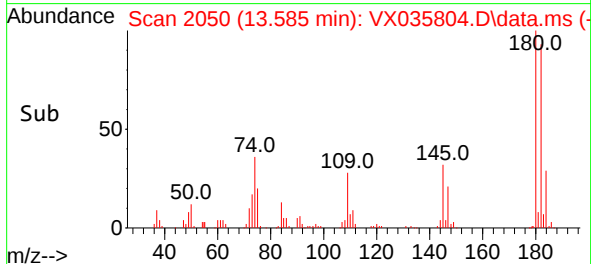
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



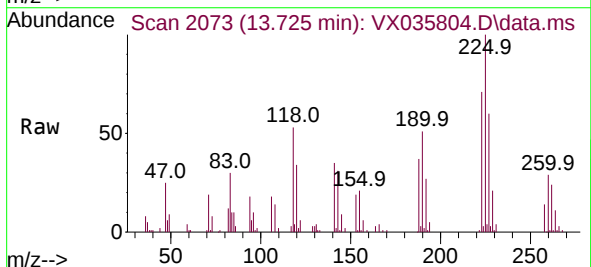
Tgt Ion:180 Resp: 4825
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 32.8 25.8 38.6

Manual Integrations
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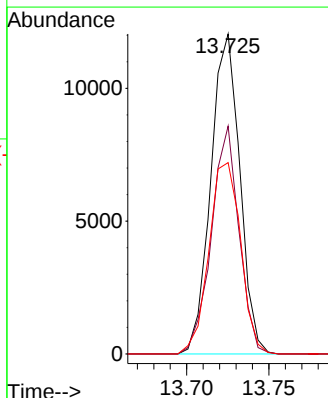
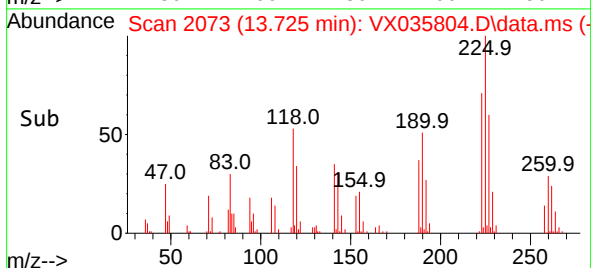
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

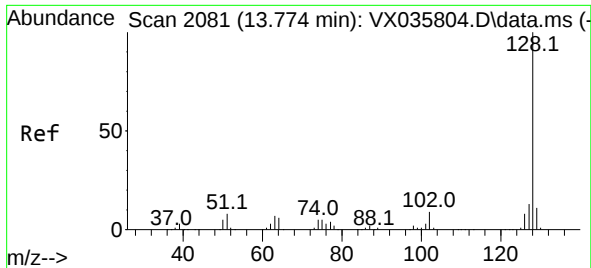


#90
Hexachlorobutadiene
Concen: 12.452 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



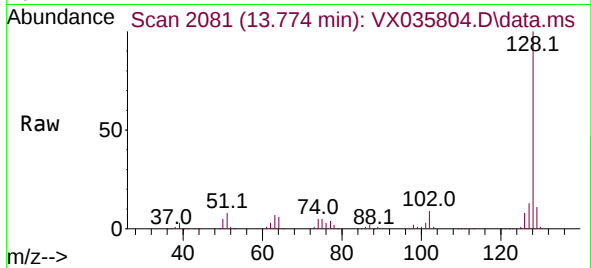
Tgt Ion:225 Resp: 14788
Ion Ratio Lower Upper
225 100
223 67.6 0.0 124.2
227 65.4 0.0 122.8





#91
Naphthalene
Concen: 15.753 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42

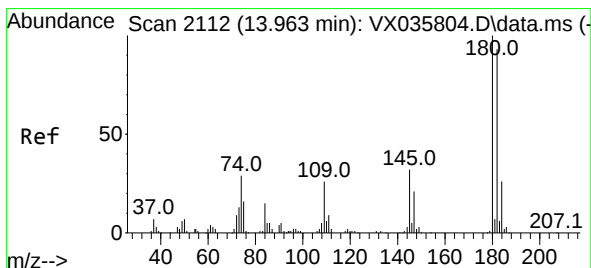
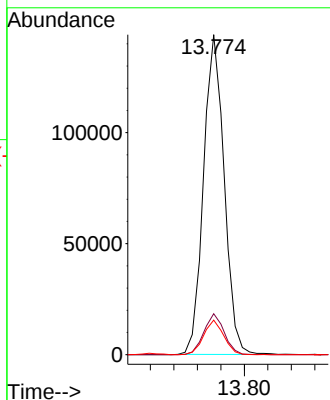
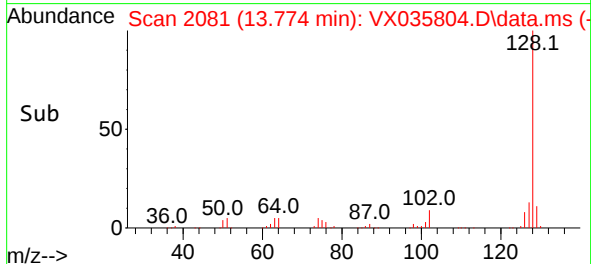
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



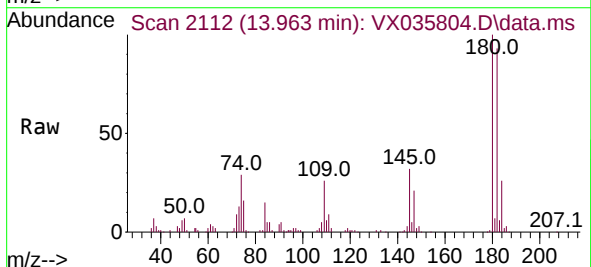
Tgt Ion:128 Resp: 175674
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.427 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035804.D
Acq: 23 May 2023 09:42



Tgt Ion:180 Resp: 48741
Ion Ratio Lower Upper
180 100
182 91.9 0.0 191.0
145 34.4 0.0 66.8

