

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030204.D
 Acq On : 26 Jul 2022 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2022
 Supervised By : Mahesh Dadoda 07/27/2022

Quant Time: Jul 26 17:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155413	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	261348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163030	52.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	5.385	113	131321	52.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	8.653	98	506269	52.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	193856	53.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	142339	55.815	ug/l	98
3) Chloromethane	1.288	50	120139	47.640	ug/l	99
4) Vinyl Chloride	1.374	62	129819	51.004	ug/l	100
5) Bromomethane	1.599	94	47183	53.225	ug/l	94
6) Chloroethane	1.679	64	75185	51.446	ug/l	94
7) Trichlorofluoromethane	1.886	101	180688	53.882	ug/l	99
8) Diethyl Ether	2.136	74	66334	50.515	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	132204	53.227	ug/l	99
10) Methyl Iodide	2.453	142	125583	51.823	ug/l	97
11) Tert butyl alcohol	2.983	59	194864	255.740	ug/l	99
12) 1,1-Dichloroethene	2.319	96	126861	52.253	ug/l	94
13) Acrolein	2.240	56	45295	241.857	ug/l	99
14) Allyl chloride	2.666	41	258682	51.635	ug/l	98
15) Acrylonitrile	3.069	53	480982	255.438	ug/l	98
16) Acetone	2.386	43	400944	250.707	ug/l	94
17) Carbon Disulfide	2.508	76	330795	50.476	ug/l	98
18) Methyl Acetate	2.709	43	236574	50.012	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	443149	53.287	ug/l	100
20) Methylene Chloride	2.788	84	151712	55.631	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	137296	51.235	ug/l	95
22) Diisopropyl ether	3.764	45	521359	55.002	ug/l	91
23) Vinyl Acetate	3.727	43	2273023	276.441	ug/l	98
24) 1,1-Dichloroethane	3.611	63	261199	51.857	ug/l	100
25) 2-Butanone	4.562	43	697378	259.495	ug/l	96
26) 2,2-Dichloropropane	4.477	77	198252	54.433	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	163776	51.973	ug/l	95
28) Bromochloromethane	4.898	49	113408	53.296	ug/l	94
29) Tetrahydrofuran	5.007	42	469847	259.841	ug/l	94
30) Chloroform	5.093	83	261779	52.491	ug/l	97
31) Cyclohexane	5.471	56	248136	54.711	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	218415	53.880	ug/l	99
36) 1,1-Dichloropropene	5.696	75	194041	53.969	ug/l	97
37) Ethyl Acetate	4.715	43	256167	50.313	ug/l	99
38) Carbon Tetrachloride	5.678	117	182929	54.500	ug/l	93
39) Methylcyclohexane	7.379	83	248789	53.608	ug/l	95
40) Benzene	6.038	78	600902	53.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146055	53.515	ug/l	97
42) 1,2-Dichloroethane	6.092	62	203377	52.030	ug/l	98
43) Isopropyl Acetate	6.342	43	402375	53.910	ug/l	97
44) Trichloroethene	7.129	130	155697	50.371	ug/l	94
45) 1,2-Dichloropropane	7.434	63	160528	53.205	ug/l	96
46) Dibromomethane	7.586	93	106485	51.898	ug/l	97
47) Bromodichloromethane	7.824	83	201013	53.891	ug/l	97
48) Methyl methacrylate	7.696	41	199838	54.396	ug/l	96
49) 1,4-Dioxane	7.665	88	87829	1035.090	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1355103	267.429	ug/l	97
52) Toluene	8.720	92	370759	53.720	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	223113	55.491	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	241559	55.131	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	152555	51.915	ug/l	97
56) Ethyl methacrylate	9.116	69	256772	55.275	ug/l	95
57) 1,3-Dichloropropane	9.311	76	255370	52.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	705248	305.902	ug/l	97
59) 2-Hexanone	9.433	43	1065710	266.581	ug/l	95
60) Dibromochloromethane	9.525	129	150100	55.179	ug/l	98
61) 1,2-Dibromoethane	9.610	107	159542	51.996	ug/l	98
64) Tetrachloroethene	9.275	164	151681	52.114	ug/l	98
65) Chlorobenzene	10.080	112	386882	52.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	138082	55.310	ug/l	99
67) Ethyl Benzene	10.195	91	716366	50.750	ug/l	99
68) m/p-Xylenes	10.305	106	546996	109.950	ug/l	95
69) o-Xylene	10.647	106	270537	55.175	ug/l	95
70) Styrene	10.659	104	453296	56.270	ug/l	98
71) Bromoform	10.799	173	106453	58.001	ug/l #	98
73) Isopropylbenzene	10.964	105	712489	52.092	ug/l	100
74) N-amyl acetate	10.842	43	358963	54.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	245433	49.026	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	241531m	52.299	ug/l	
77) Bromobenzene	11.201	156	157840	49.167	ug/l	91
78) n-propylbenzene	11.305	91	867717	53.154	ug/l	98
79) 2-Chlorotoluene	11.366	91	509999	49.472	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	598791	52.284	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	83292	54.105	ug/l	95
82) 4-Chlorotoluene	11.457	91	589801	52.365	ug/l	98
83) tert-Butylbenzene	11.713	119	560208	52.774	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	608454	53.252	ug/l	97
85) sec-Butylbenzene	11.890	105	778588	53.588	ug/l	98
86) p-Isopropyltoluene	12.012	119	622792	53.578	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	314138	50.315	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	314675	49.512	ug/l	99
89) n-Butylbenzene	12.335	91	610919	56.451	ug/l	99
90) Hexachloroethane	12.543	117	106484	53.205	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	312451	50.987	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61463	51.189	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	197045	55.447	ug/l	97
94) Hexachlorobutadiene	13.725	225	75928	53.210	ug/l	98
95) Naphthalene	13.774	128	765938	55.177	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	199271	54.675	ug/l	99

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QLast Update : Mon Jul 25 16:49:17 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

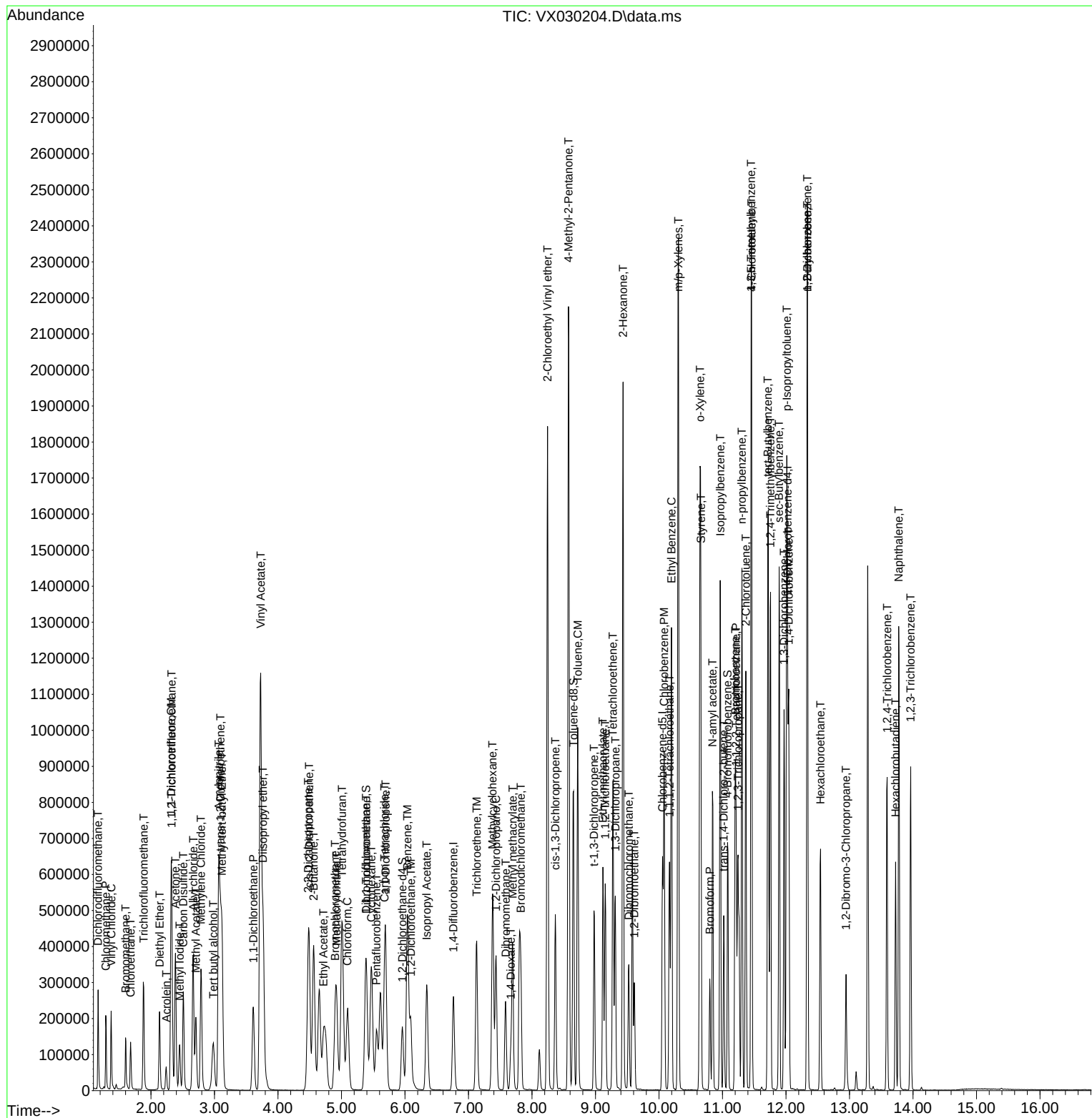
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
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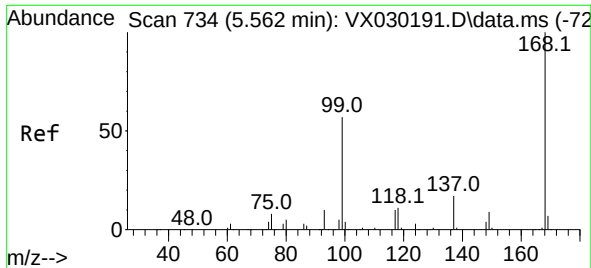
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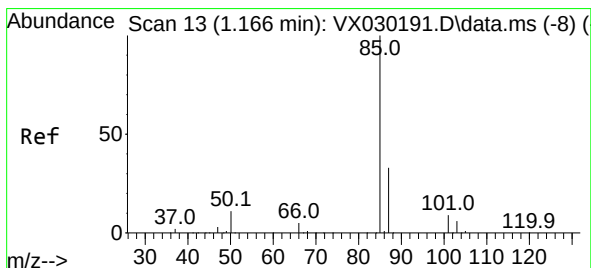
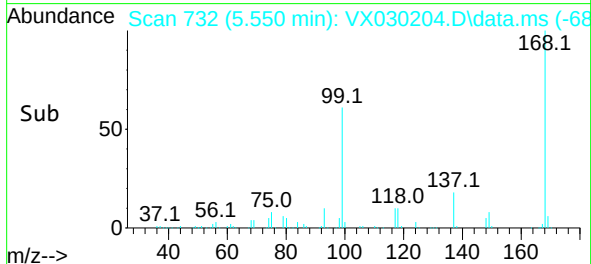
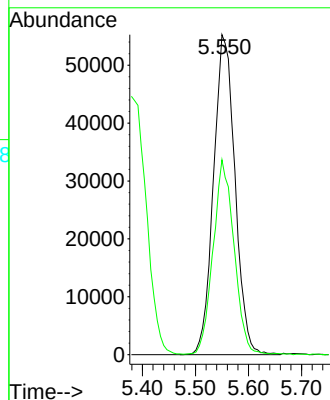
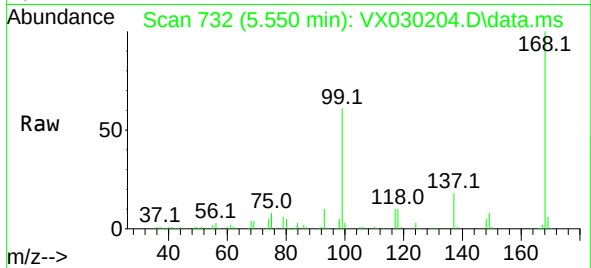
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030204.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 15541
Ion Ratio Lower Upper
168 100
99 60.7 44.0 66.0

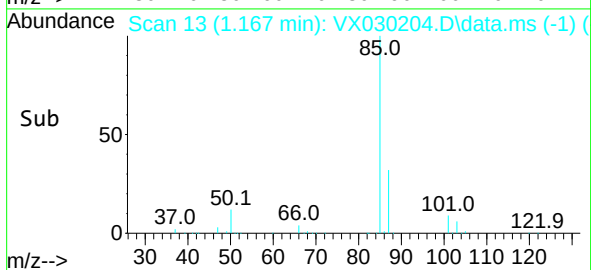
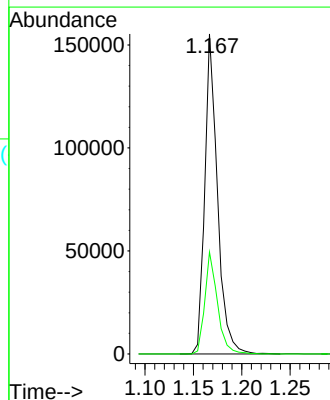
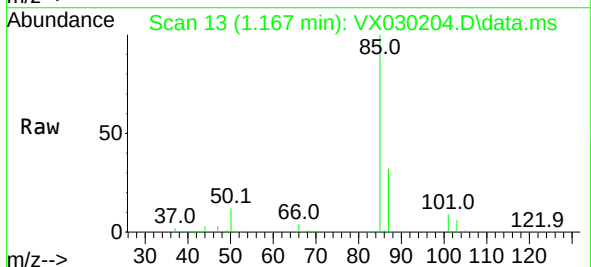
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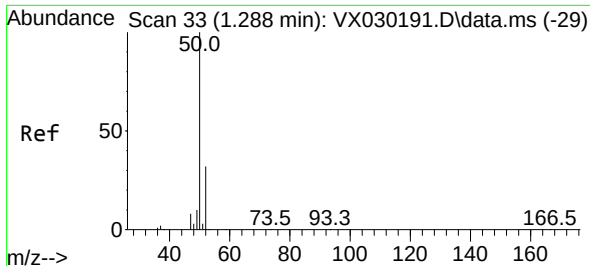
Reviewed By :John Carlone 07/27/2022
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#2
Dichlorodifluoromethane
Concen: 55.815 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

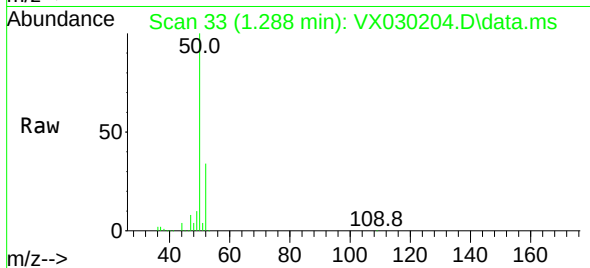
Tgt Ion: 85 Resp: 142339
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5





#3
Chloromethane
Concen: 47.640 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

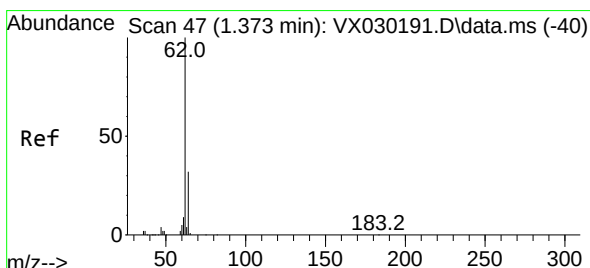
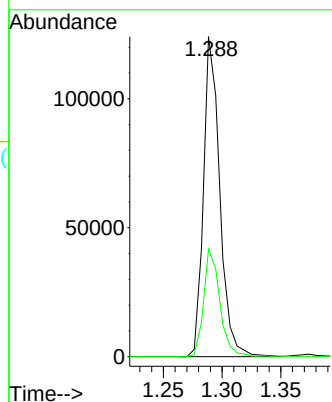
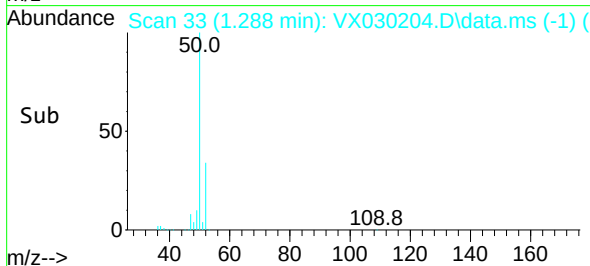
Instrument :
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ClientSampleId :
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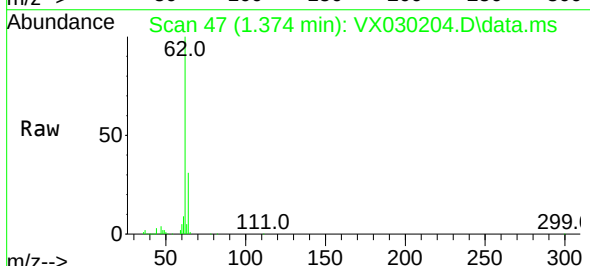
Tgt Ion: 50 Resp: 120139
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5

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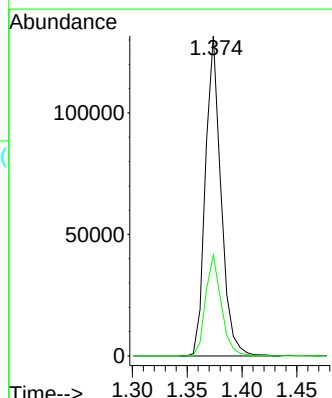
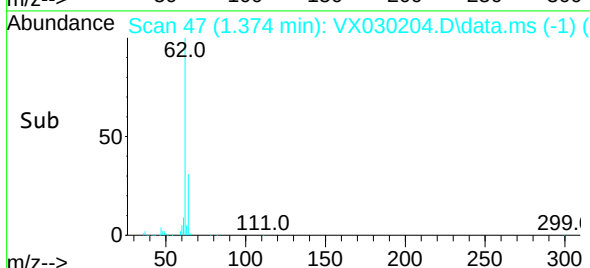
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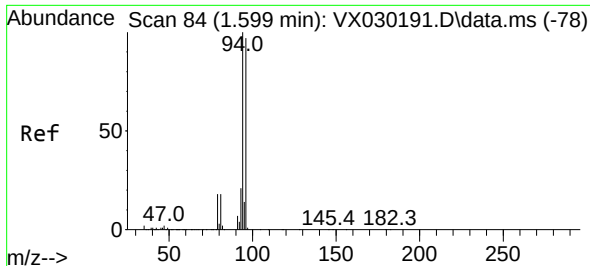


#4
Vinyl Chloride
Concen: 51.004 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



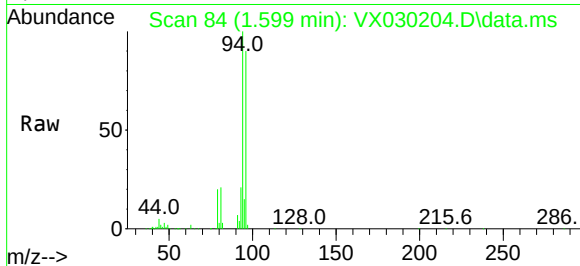
Tgt Ion: 62 Resp: 129819
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 53.225 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

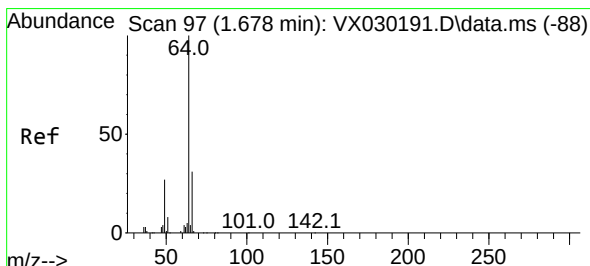
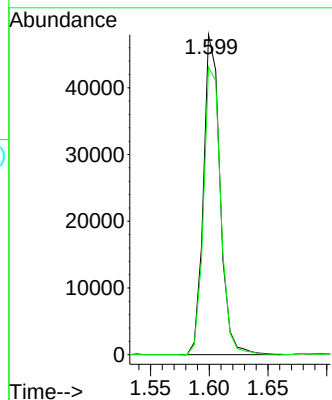
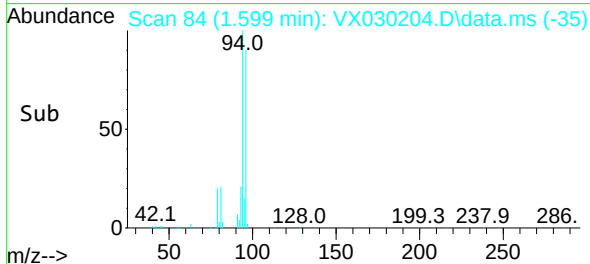
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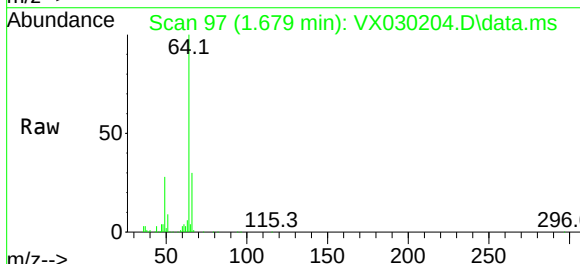
Tgt Ion: 94 Resp: 4718
Ion Ratio Lower Upper
94 100
96 89.9 76.9 115.3

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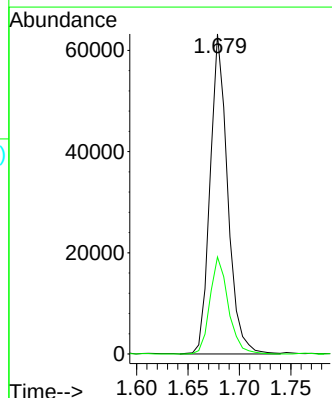
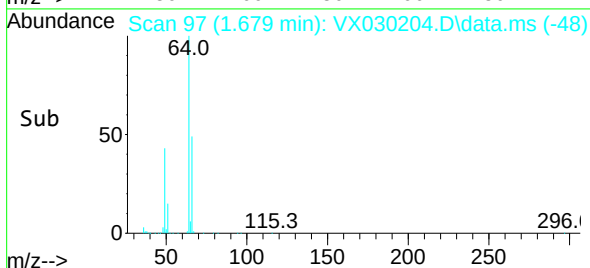
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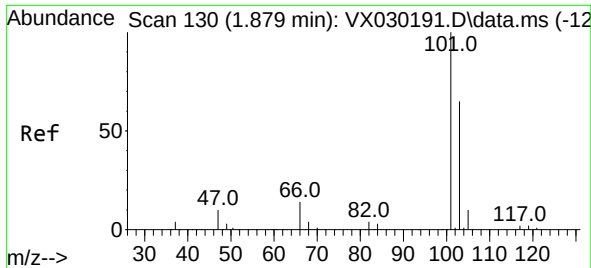


#6
Chloroethane
Concen: 51.446 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion: 64 Resp: 75185
Ion Ratio Lower Upper
64 100
66 30.3 27.2 40.8





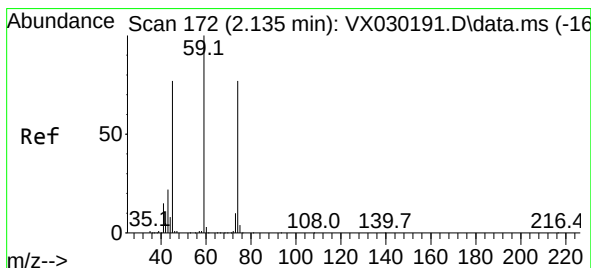
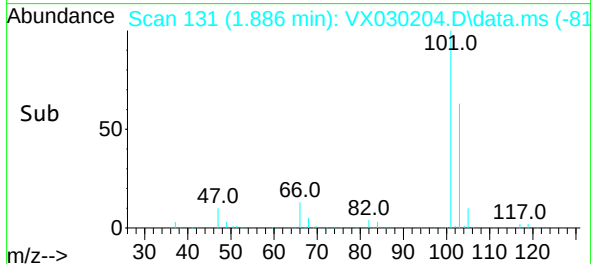
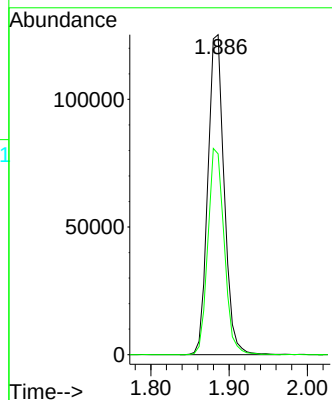
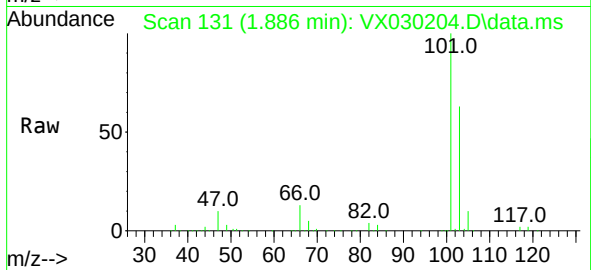
#7
Trichlorofluoromethane
Concen: 53.882 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 18068
Ion Ratio Lower Upper
101 100
103 62.8 49.7 74.5

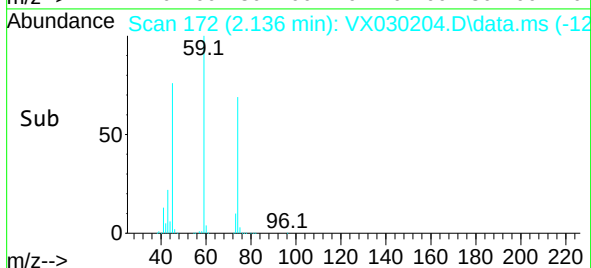
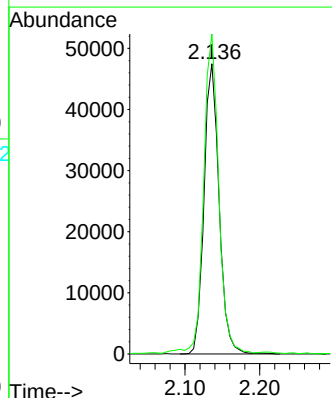
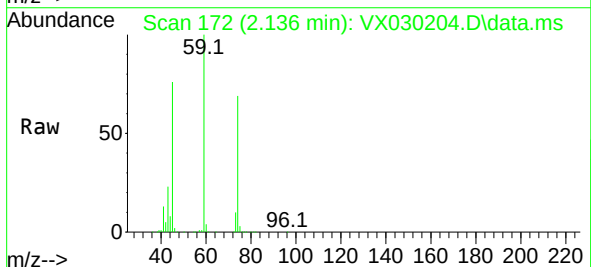
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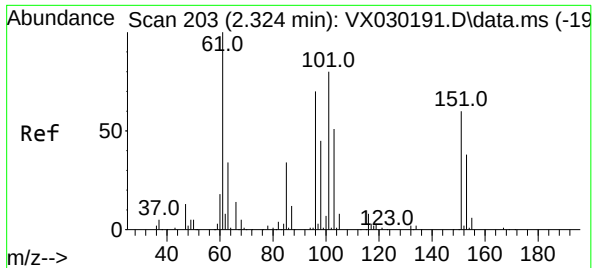
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#8
Diethyl Ether
Concen: 50.515 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion: 74 Resp: 66334
Ion Ratio Lower Upper
74 100
45 110.5 51.5 154.7





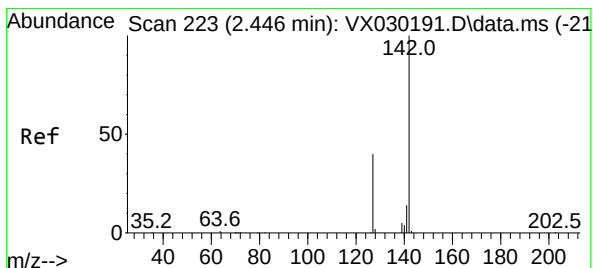
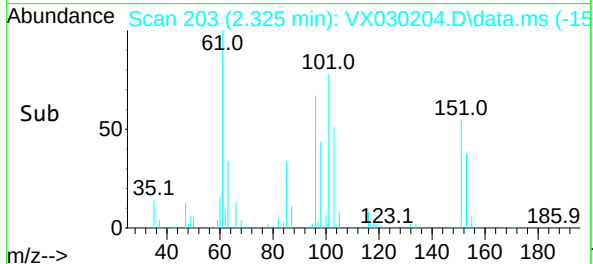
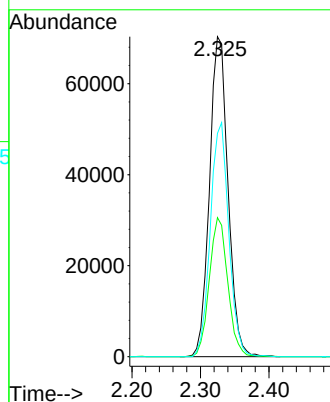
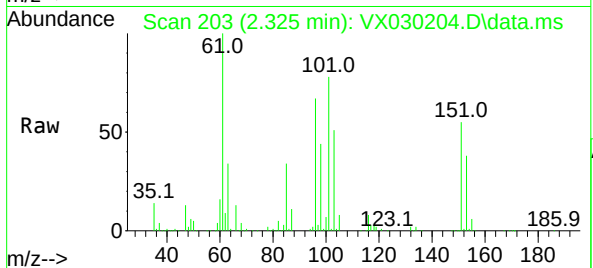
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.227 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 132204
Ion Ratio Lower Upper
101 100
85 43.4 34.0 51.0
151 72.9 59.4 89.0

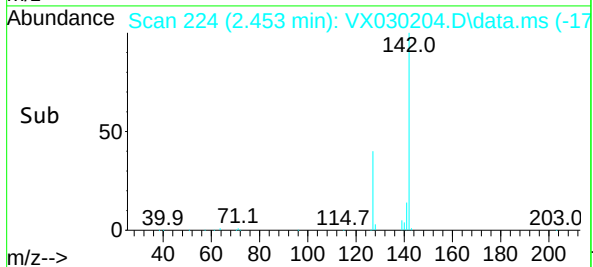
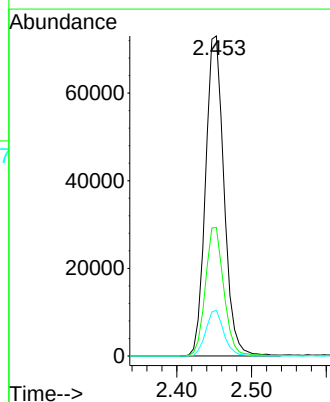
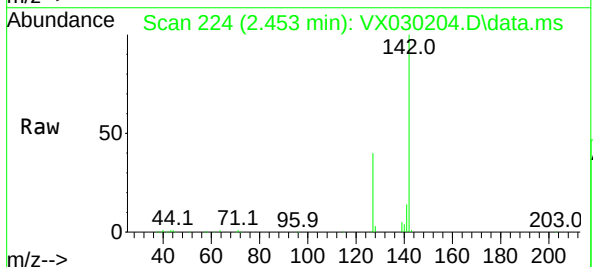
Manual Integrations
APPROVED

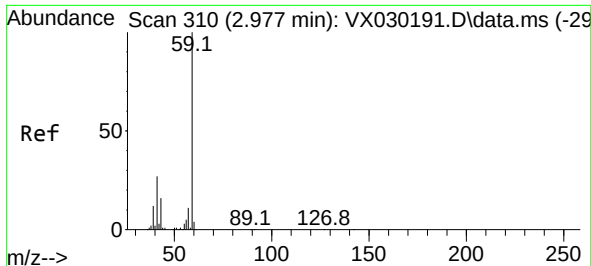
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#10
Methyl Iodide
Concen: 51.823 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

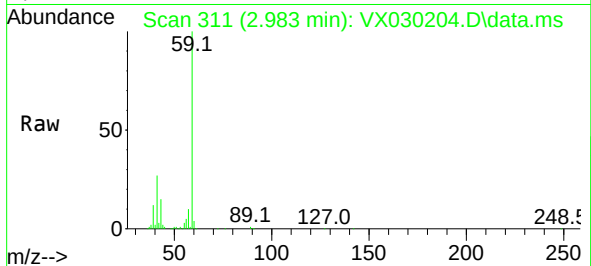
Tgt Ion:142 Resp: 125583
Ion Ratio Lower Upper
142 100
127 40.2 30.2 45.2
141 13.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 255.740 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

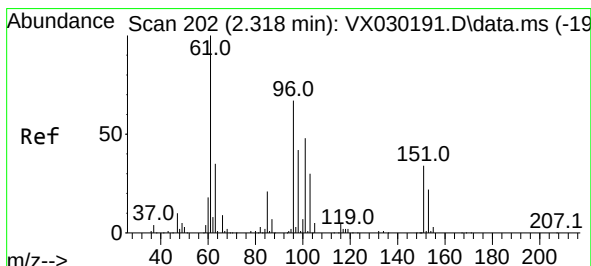
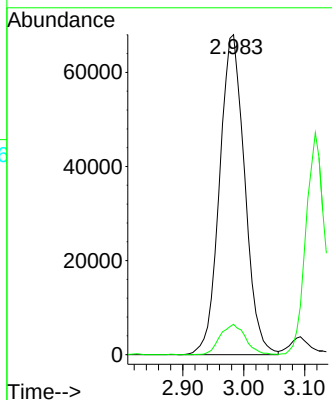
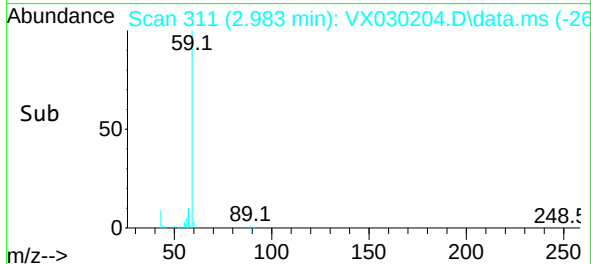
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



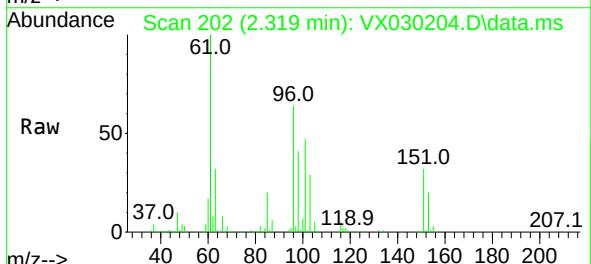
Tgt Ion: 59 Resp: 194864
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2

Manual Integrations
APPROVED

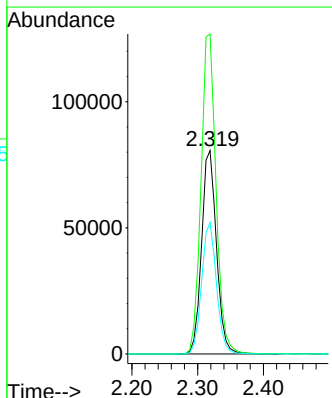
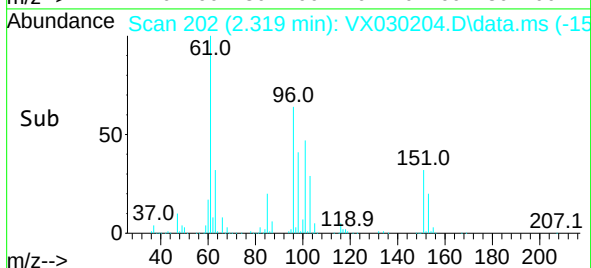
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

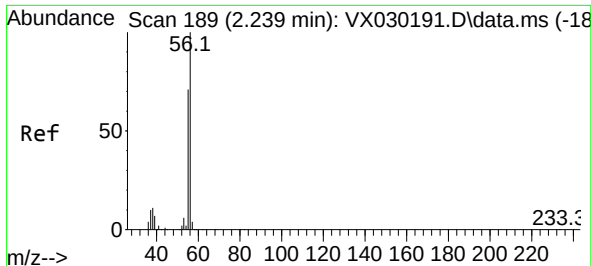


#12
1,1-Dichloroethene
Concen: 52.253 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



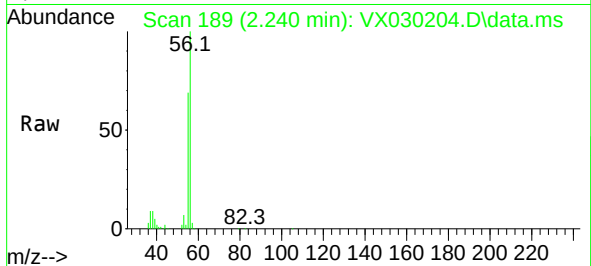
Tgt Ion: 96 Resp: 126861
Ion Ratio Lower Upper
96 100
61 157.3 117.4 176.0
98 64.6 52.2 78.4





#13
Acrolein
Concen: 241.857 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

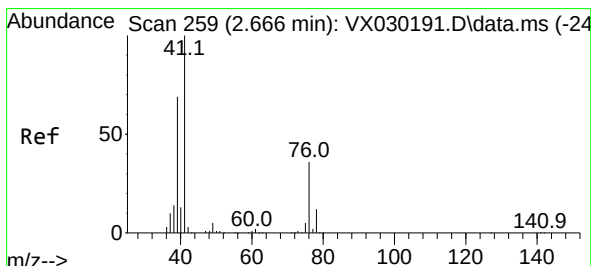
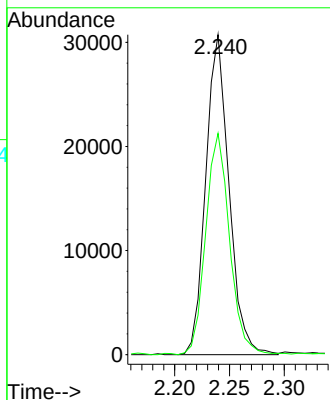
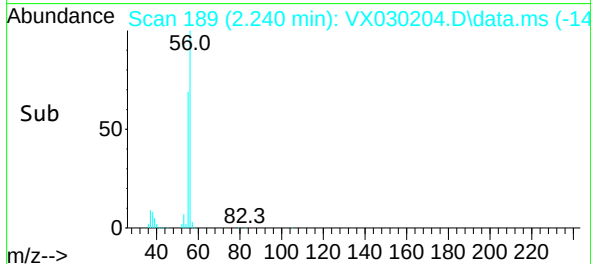
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



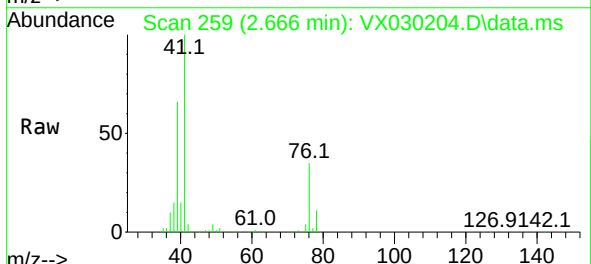
Tgt Ion: 56 Resp: 45295
Ion Ratio Lower Upper
56 100
55 71.3 56.6 84.8

Manual Integrations
APPROVED

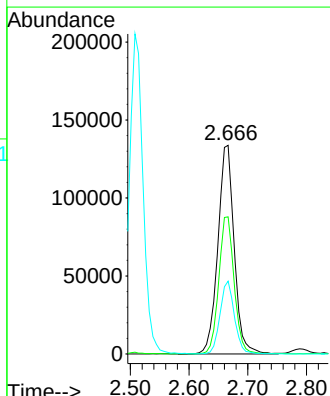
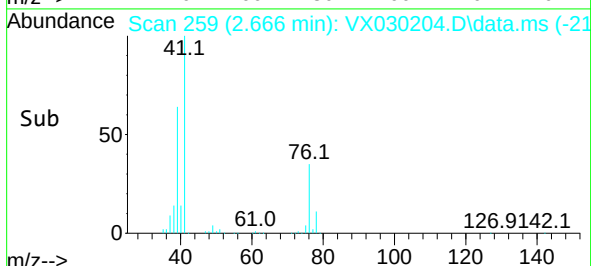
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

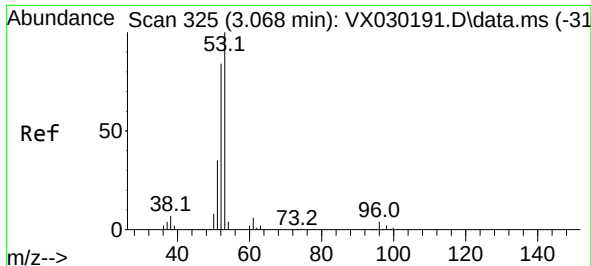


#14
Allyl chloride
Concen: 51.635 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



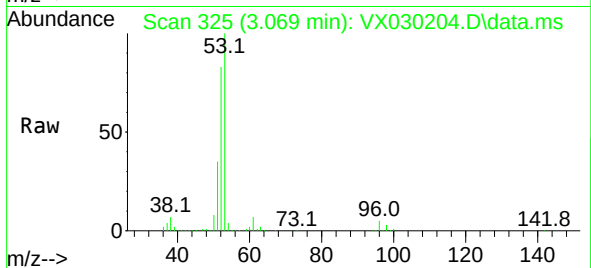
Tgt Ion: 41 Resp: 258682
Ion Ratio Lower Upper
41 100
39 61.6 48.9 73.3
76 30.8 26.9 40.3





#15
Acrylonitrile
Concen: 255.438 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

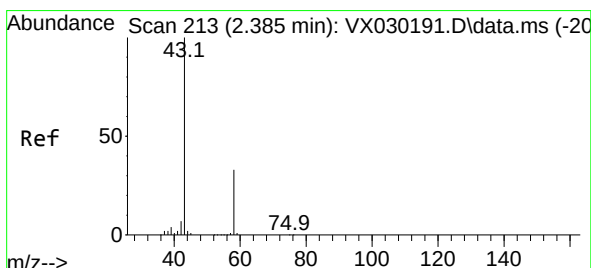
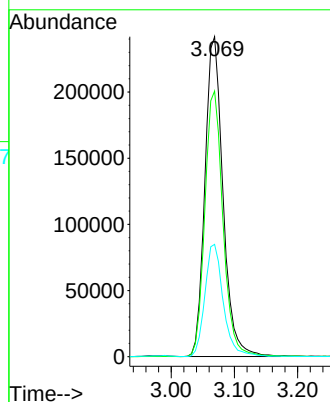
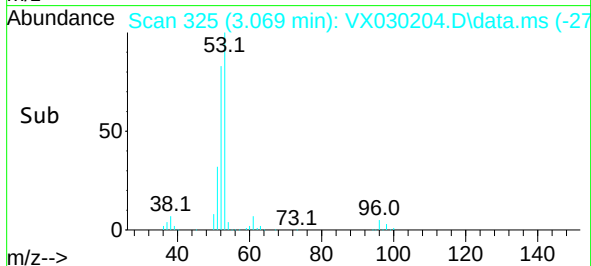
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 48098
Ion Ratio Lower Upper
53 100
52 83.5 65.4 98.0
51 35.9 27.7 41.5

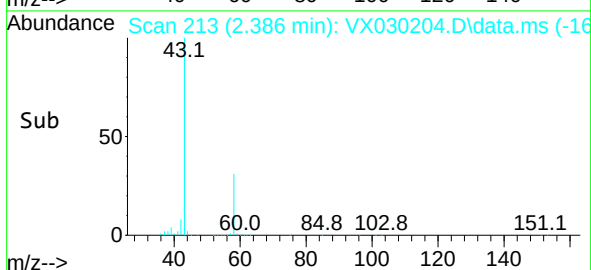
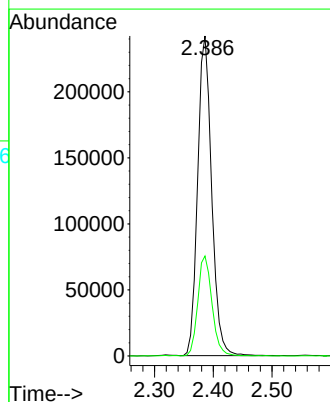
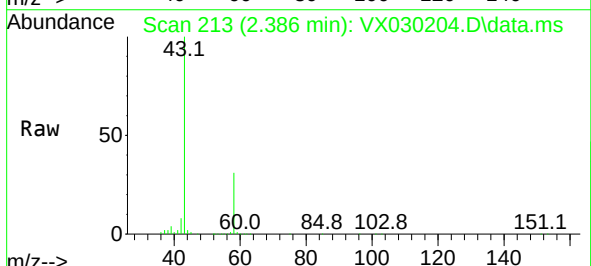
Manual Integrations
APPROVED

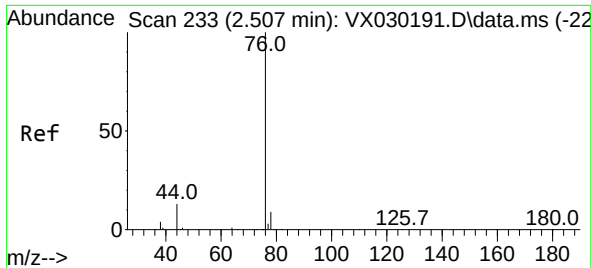
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#16
Acetone
Concen: 250.707 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

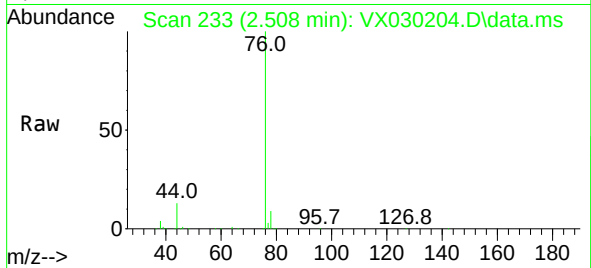
Tgt Ion: 43 Resp: 400944
Ion Ratio Lower Upper
43 100
58 31.2 27.7 41.5





#17
Carbon Disulfide
Concen: 50.476 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

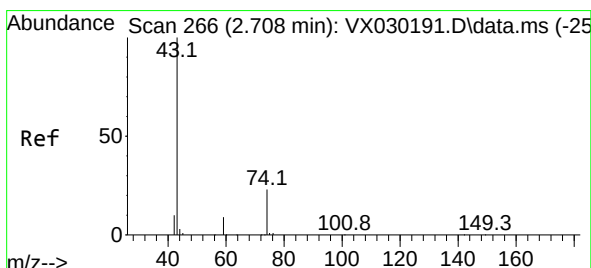
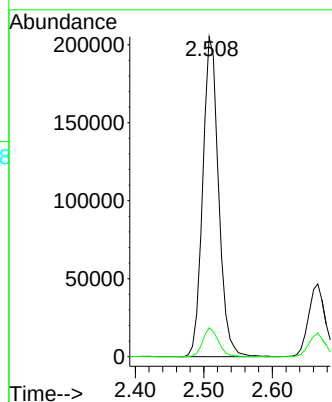
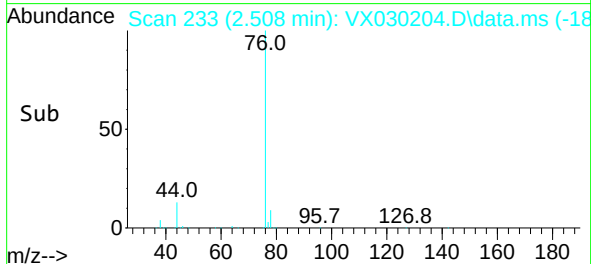
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 33079
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

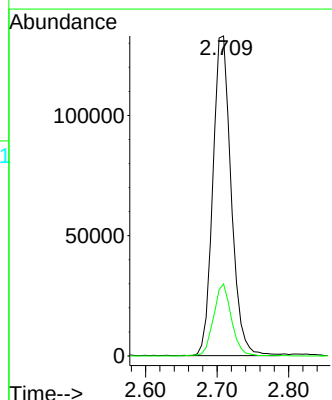
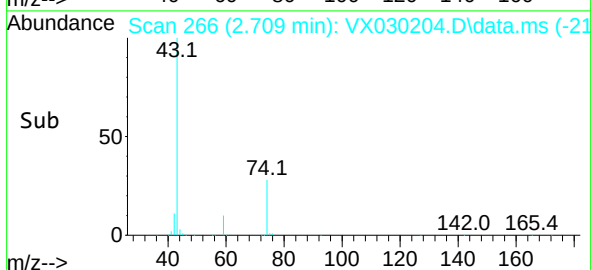
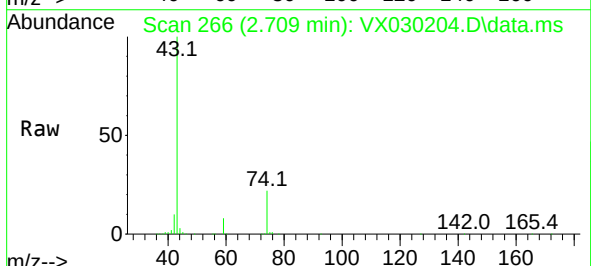
Manual Integrations
APPROVED

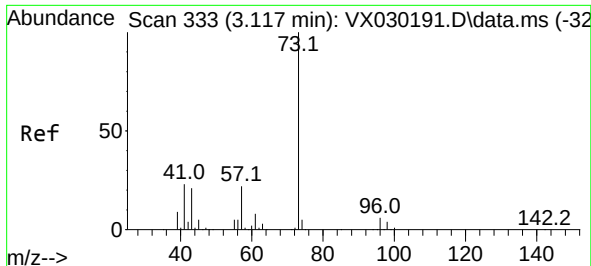
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#18
Methyl Acetate
Concen: 50.012 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion: 43 Resp: 236574
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





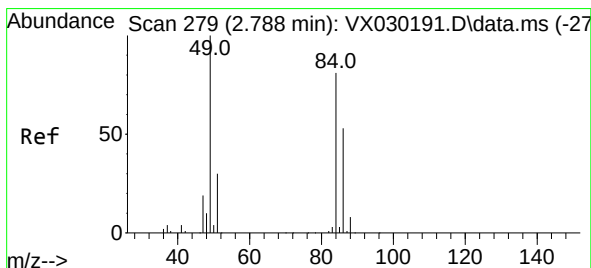
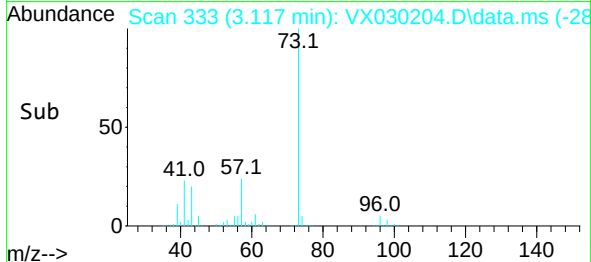
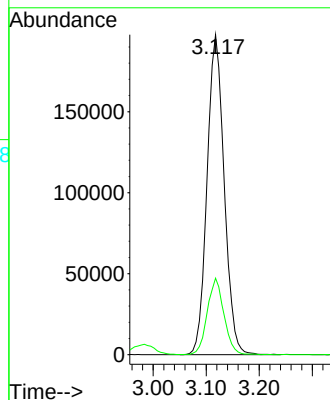
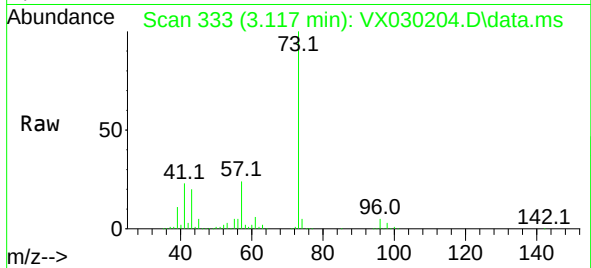
#19
Methyl tert-butyl Ether
Concen: 53.287 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 443149
Ion Ratio Lower Upper
73 100
57 23.9 19.0 28.6

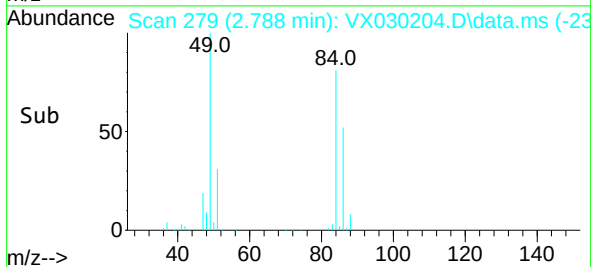
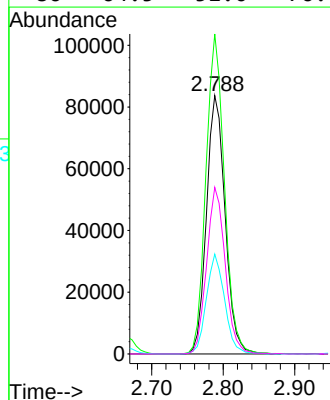
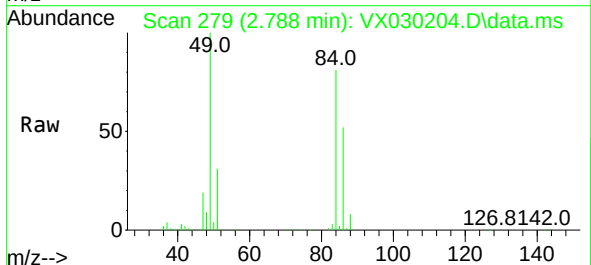
Manual Integrations
APPROVED

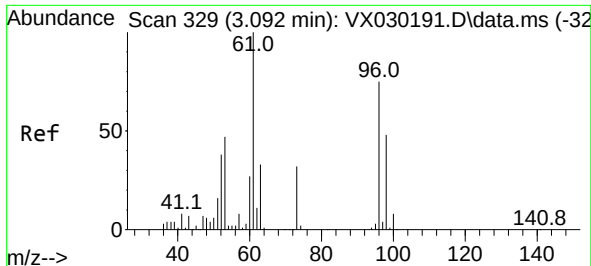
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#20
Methylene Chloride
Concen: 55.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

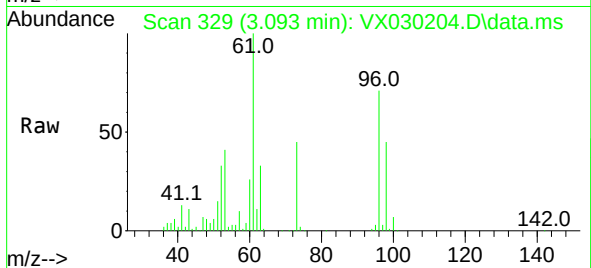
Tgt Ion: 84 Resp: 151712
Ion Ratio Lower Upper
84 100
49 123.9 93.8 140.6
51 38.7 29.4 44.0
86 64.5 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

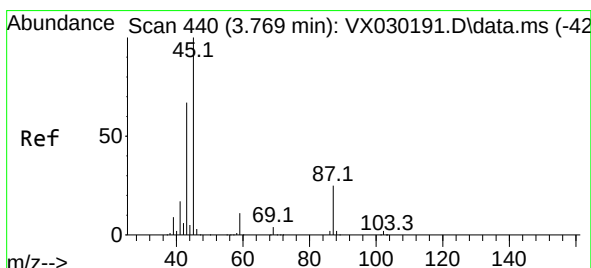
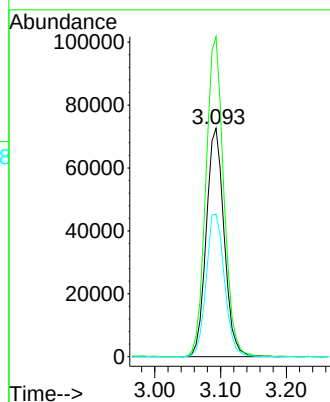
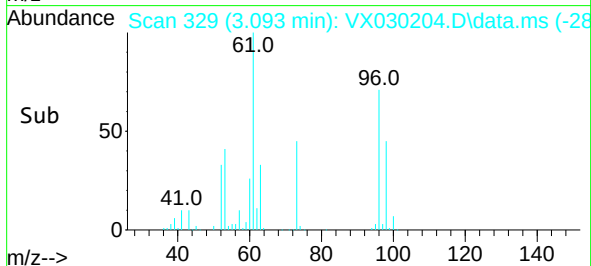
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



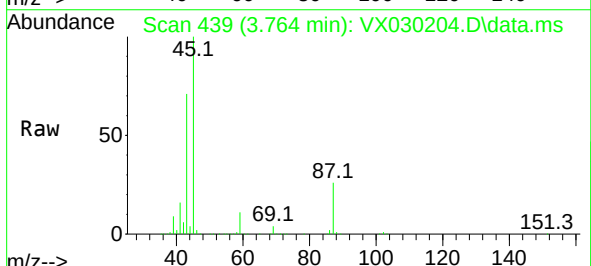
Tgt Ion: 96 Resp: 137290
Ion Ratio Lower Upper
96 100
61 140.2 105.6 158.4
98 62.5 50.1 75.1

Manual Integrations
APPROVED

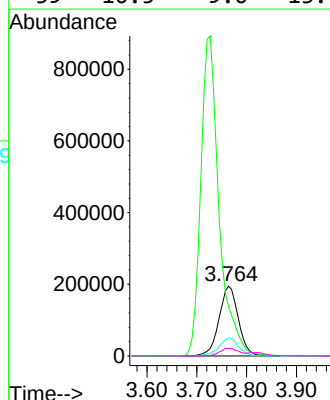
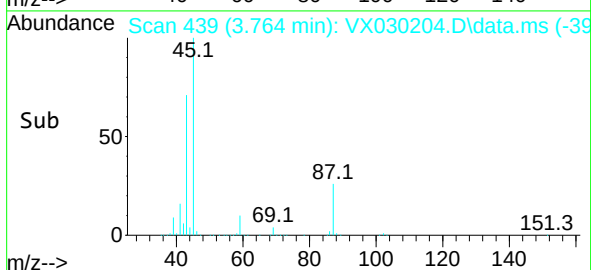
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

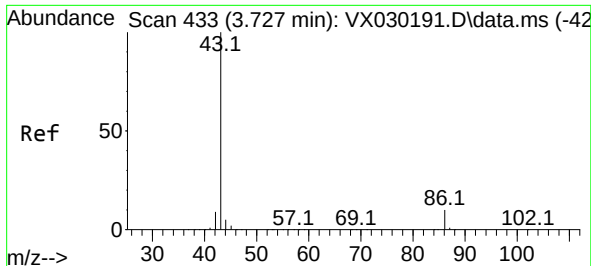


#22
Diisopropyl ether
Concen: 55.002 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



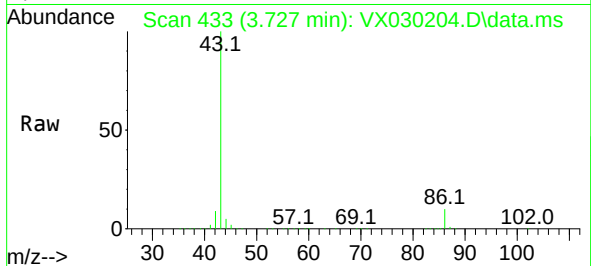
Tgt Ion: 45 Resp: 521359
Ion Ratio Lower Upper
45 100
43 71.0 65.4 98.0
87 25.9 22.3 33.5
59 10.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 276.441 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25

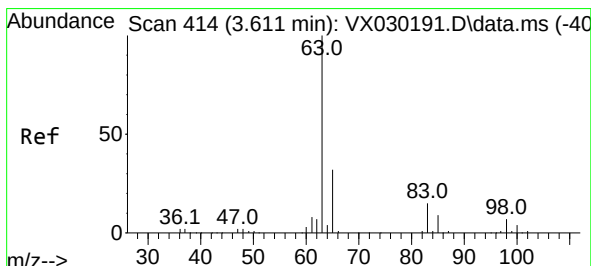
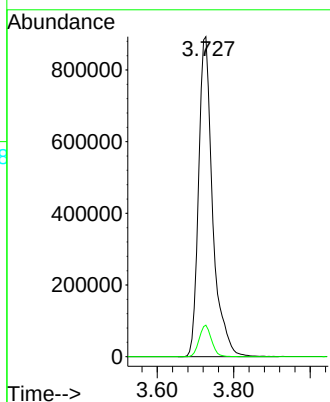
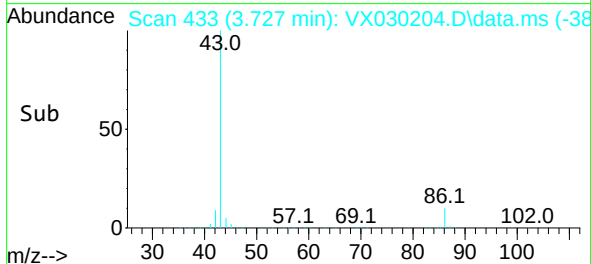
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



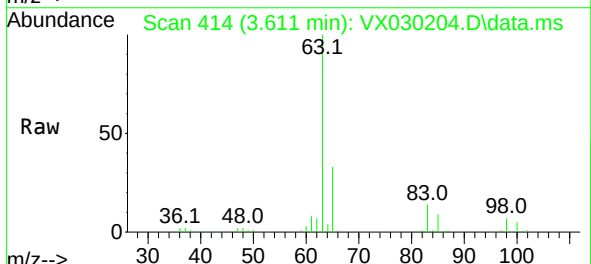
Tgt Ion: 43 Resp: 227302
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

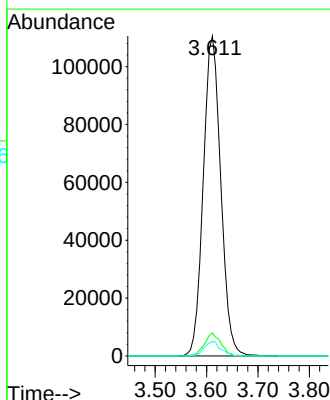
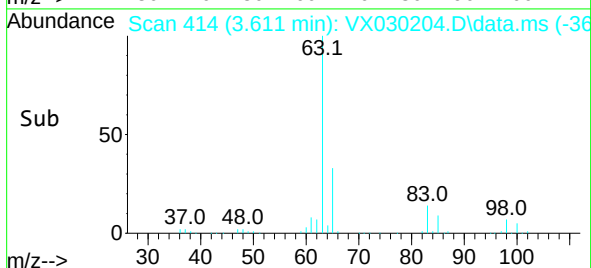
Reviewed By :John Carlone 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

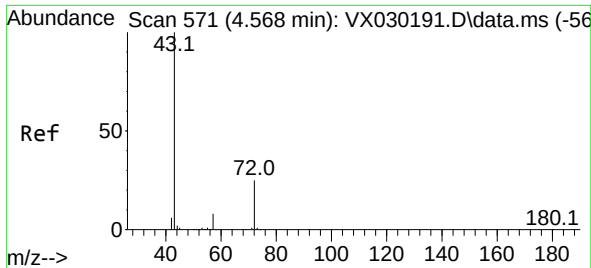


#24
 1,1-Dichloroethane
 Concen: 51.857 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25



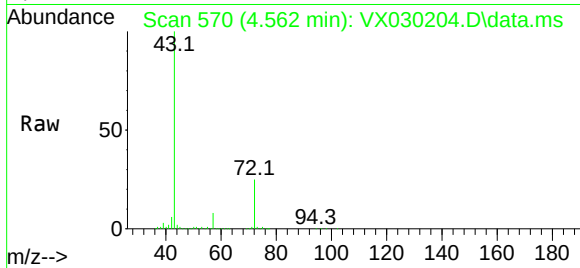
Tgt Ion: 63 Resp: 261199
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.3 6.9





#25
2-Butanone
Concen: 259.495 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

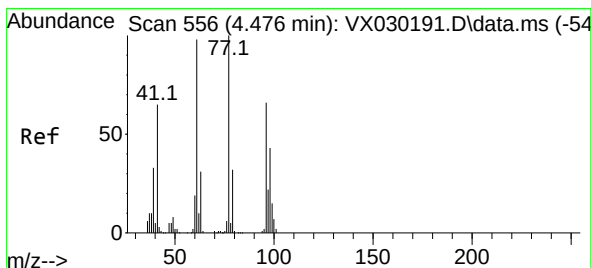
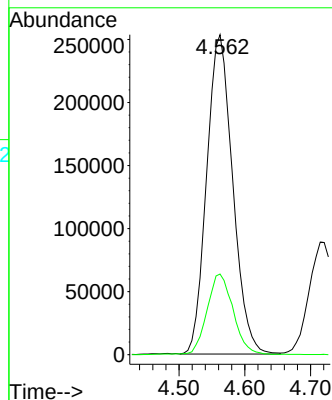
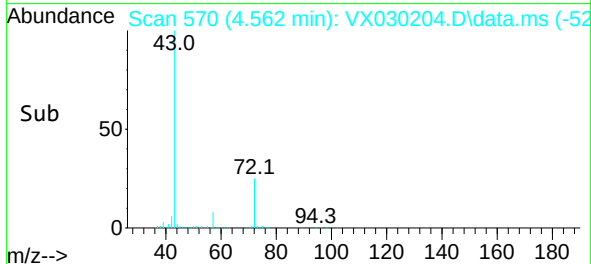
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 697378
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5

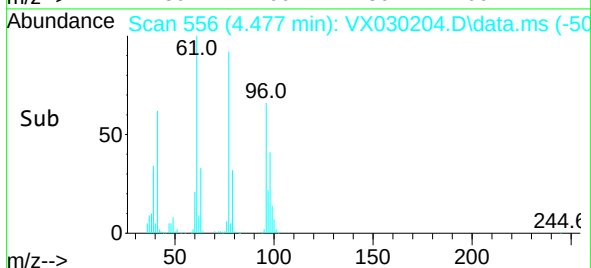
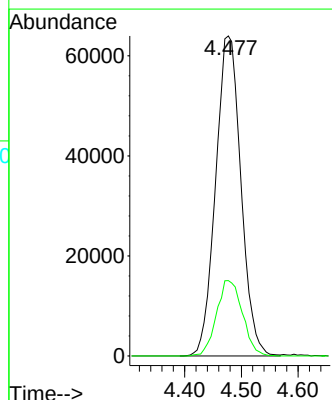
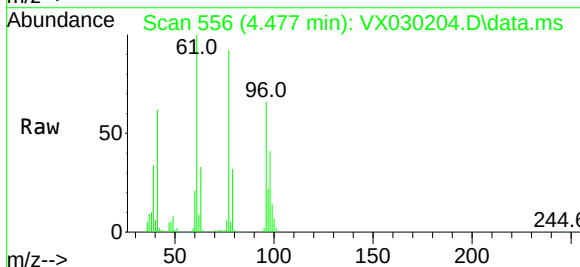
Manual Integrations
APPROVED

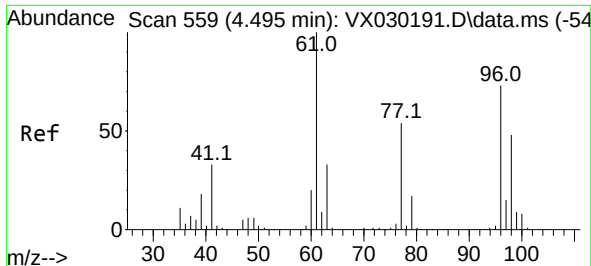
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#26
2,2-Dichloropropane
Concen: 54.433 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion: 77 Resp: 198252
Ion Ratio Lower Upper
77 100
97 24.1 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 51.973 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 163770

Ion Ratio Lower Upper

96 100

61 144.4 0.0 270.0

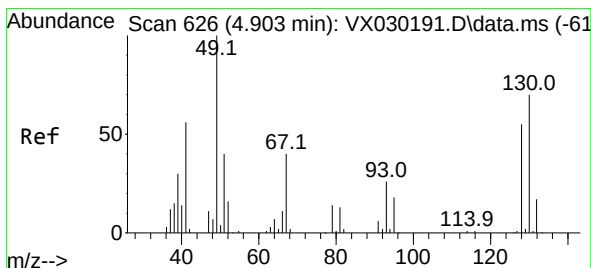
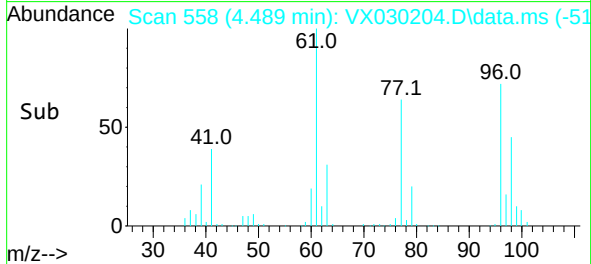
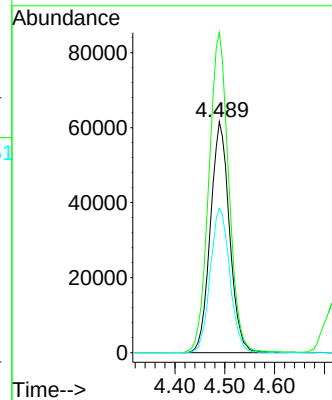
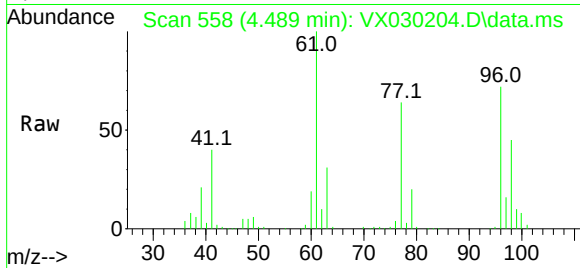
98 64.0 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#28

Bromochloromethane

Concen: 53.296 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.005 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

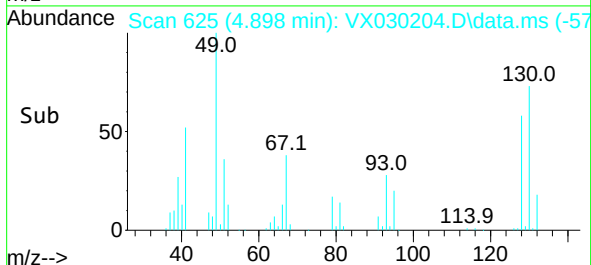
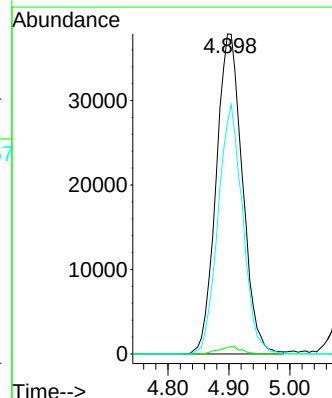
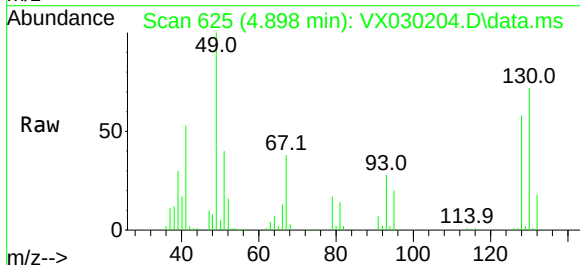
Tgt Ion: 49 Resp: 113408

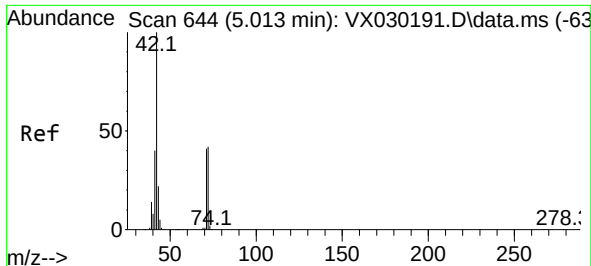
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 73.1 62.8 94.2





#29

Tetrahydrofuran

Concen: 259.841 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 46984

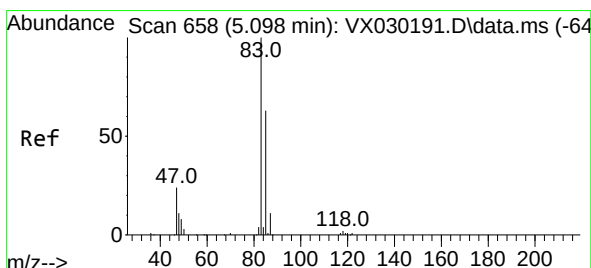
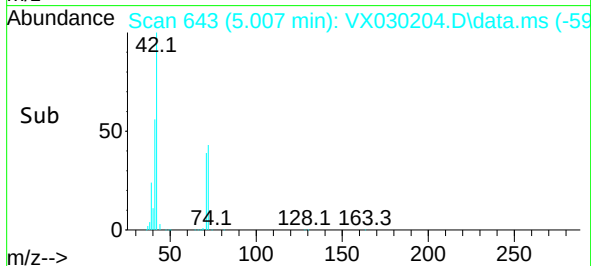
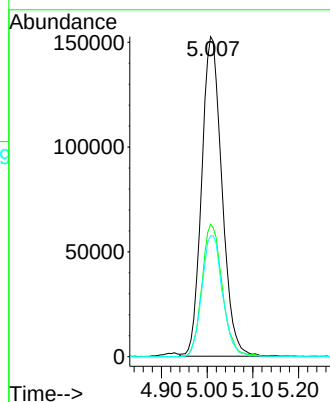
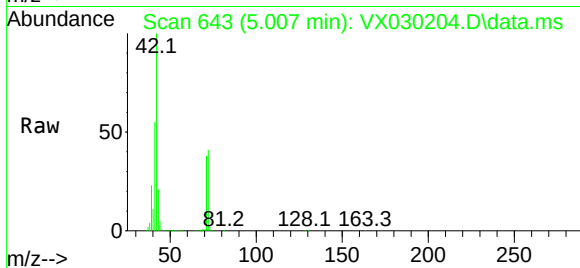
Ion	Ratio	Lower	Upper
42	100		
72	41.8	36.5	54.7
71	38.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#30

Chloroform

Concen: 52.491 ug/l

RT: 5.093 min Scan# 657

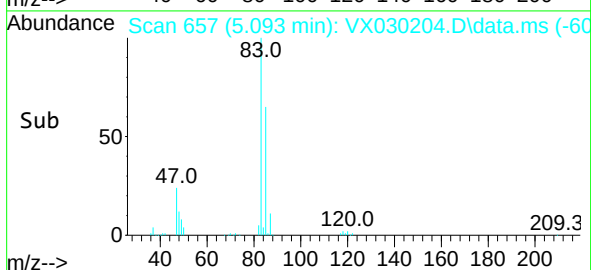
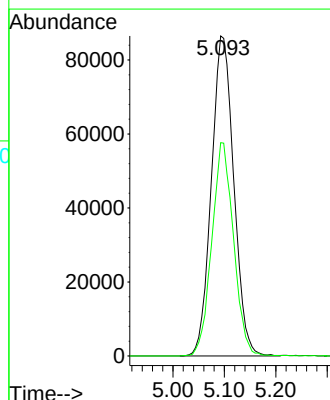
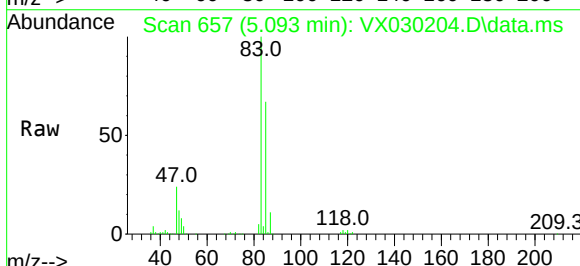
Delta R.T. -0.005 min

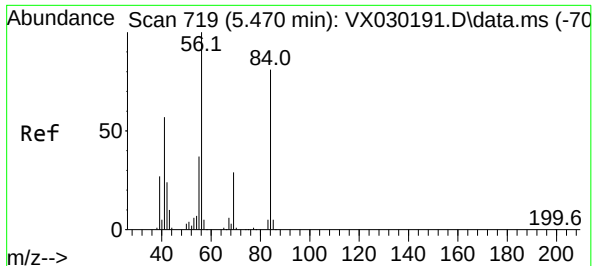
Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Tgt Ion: 83 Resp: 261779

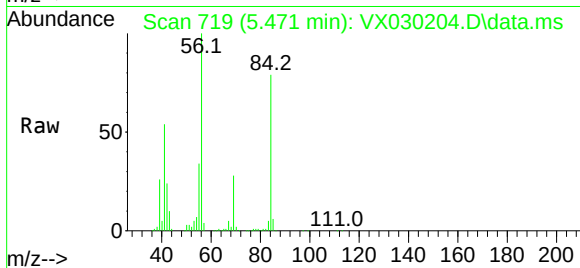
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.5	77.3





#31
Cyclohexane
Concen: 54.711 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

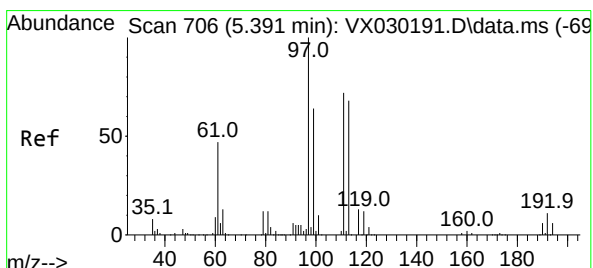
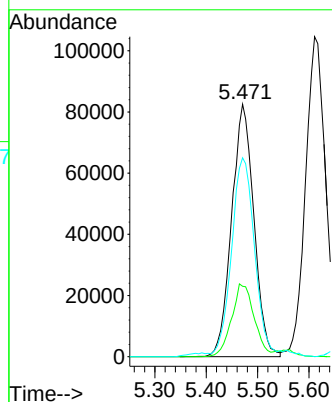
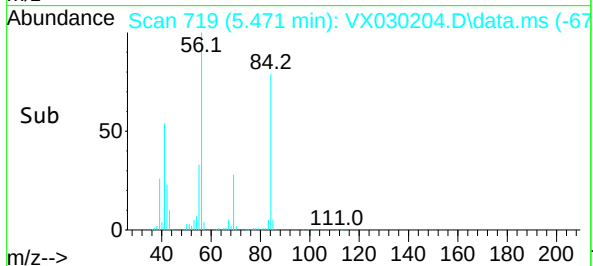
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



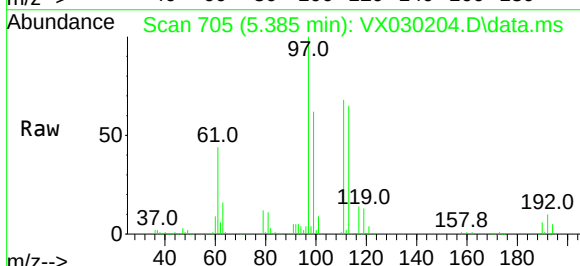
Tgt Ion: 56 Resp: 248136
Ion Ratio Lower Upper
56 100
69 27.9 25.4 38.0
84 78.3 68.9 103.3

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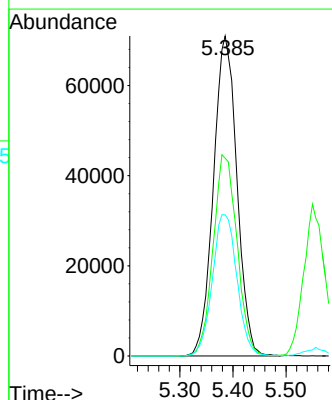
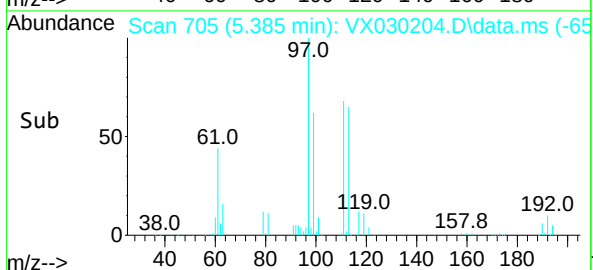
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

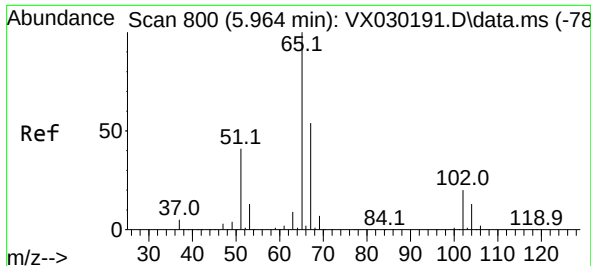


#32
1,1,1-Trichloroethane
Concen: 53.880 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion: 97 Resp: 218415
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.2 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.191 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 163030

Ion Ratio Lower Upper

65 100

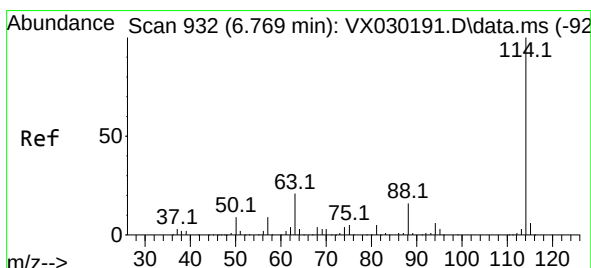
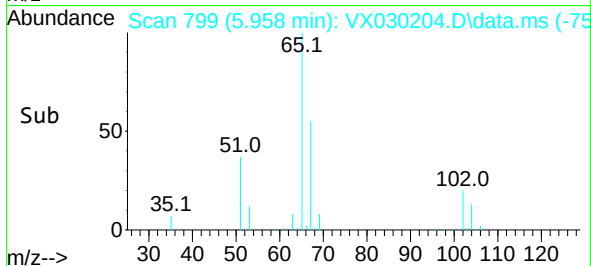
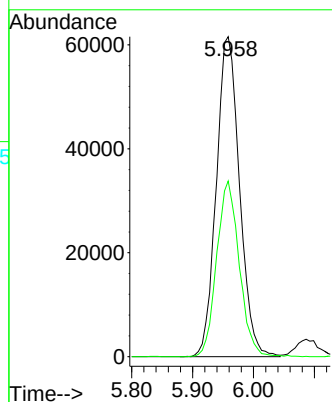
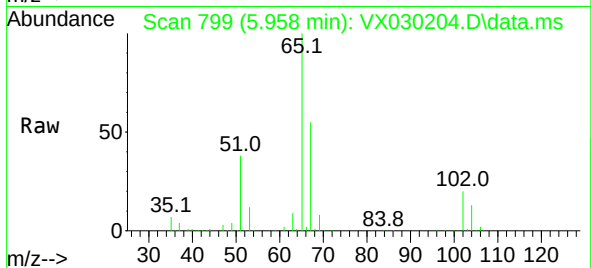
67 53.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

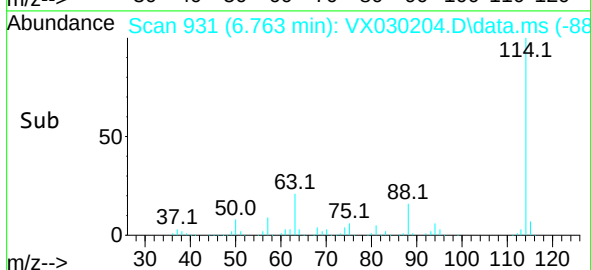
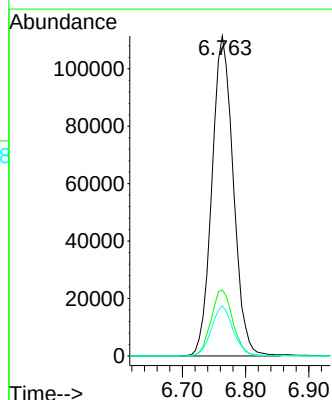
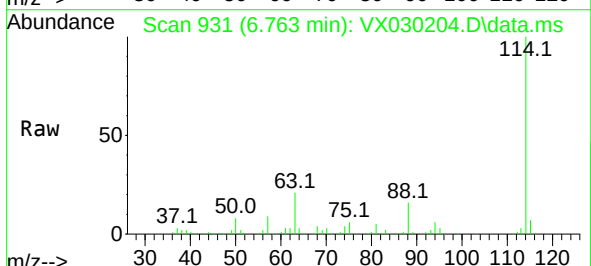
Tgt Ion:114 Resp: 261348

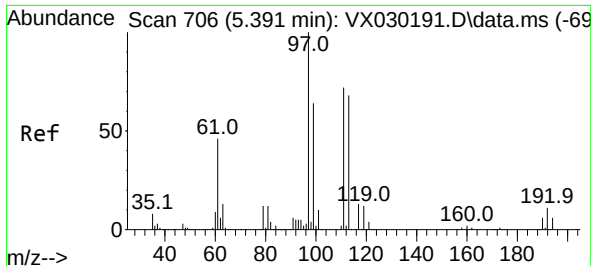
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

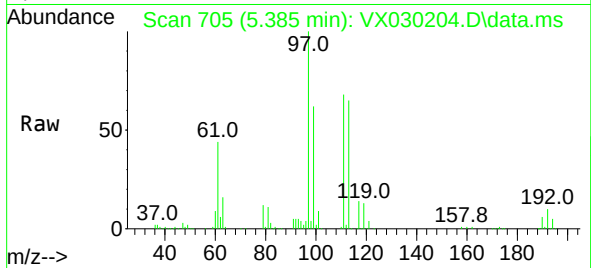
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.563 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

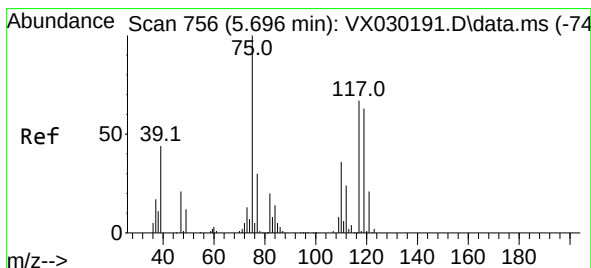
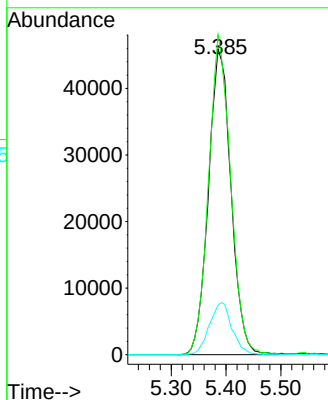
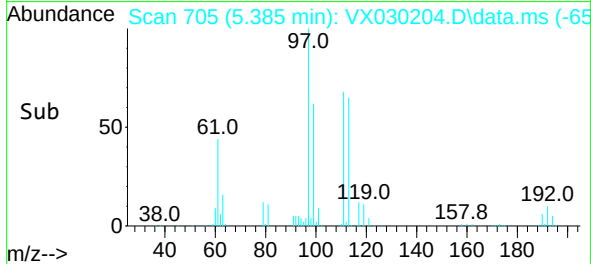
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 13132
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 17.1 14.8 22.2

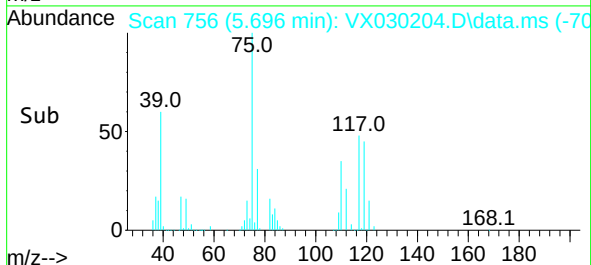
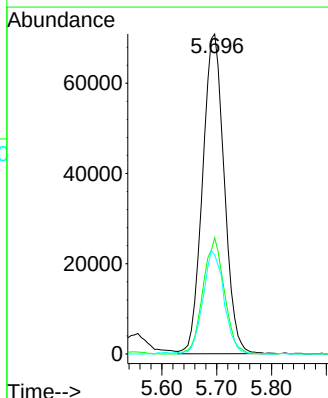
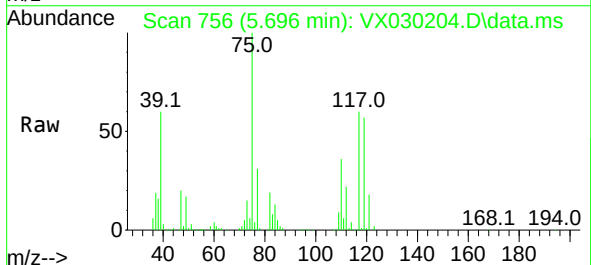
Manual Integrations
APPROVED

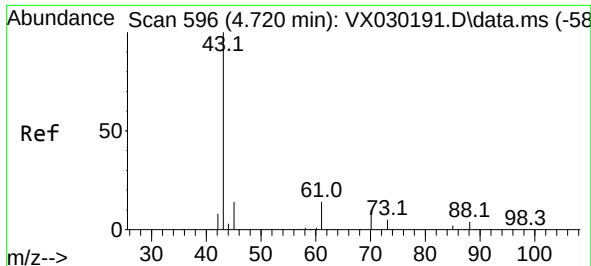
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#36
1,1-Dichloropropene
Concen: 53.969 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

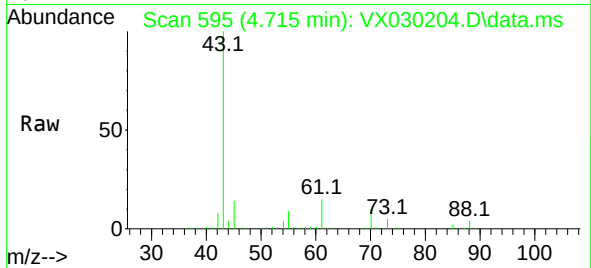
Tgt Ion: 75 Resp: 194041
Ion Ratio Lower Upper
75 100
110 35.6 19.3 57.9
77 31.5 24.4 36.6





#37
Ethyl Acetate
Concen: 50.313 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

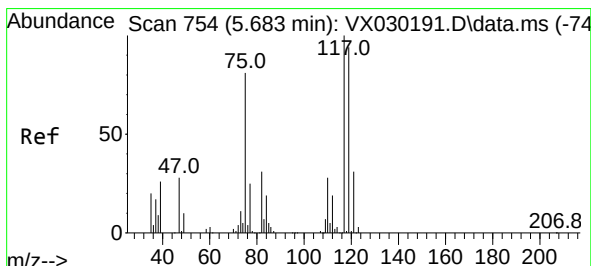
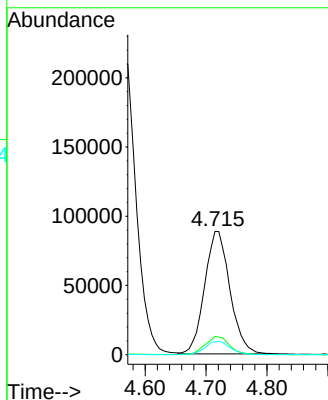
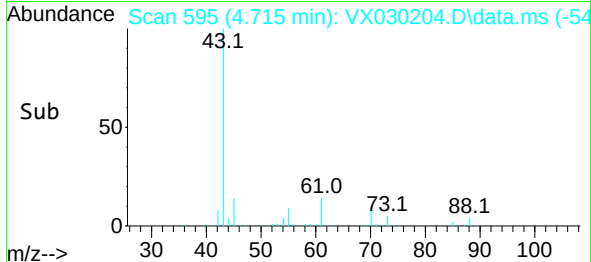
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



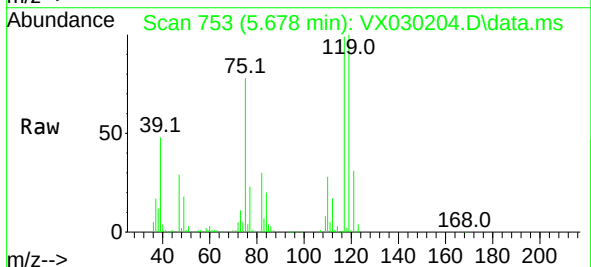
Tgt Ion: 43 Resp: 25616
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 10.7 9.3 13.9

Manual Integrations
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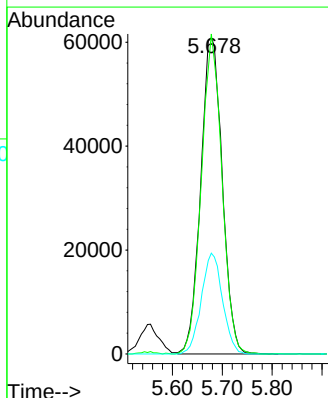
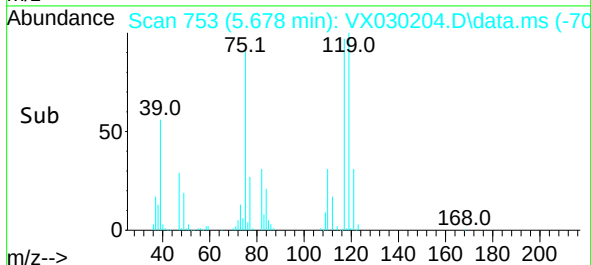
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

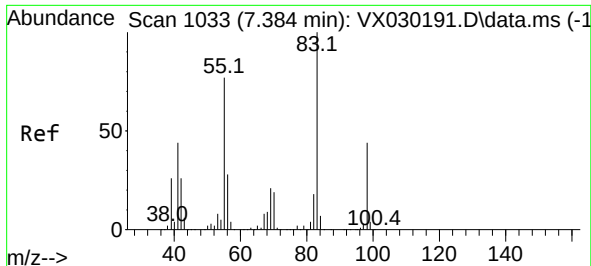


#38
Carbon Tetrachloride
Concen: 54.500 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



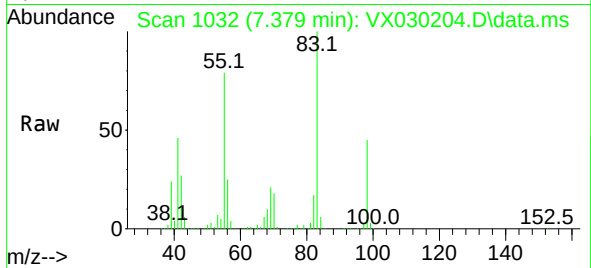
Tgt Ion:117 Resp: 182929
Ion Ratio Lower Upper
117 100
119 101.1 74.1 111.1
121 31.9 25.8 38.8





#39
Methylcyclohexane
Concen: 53.608 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

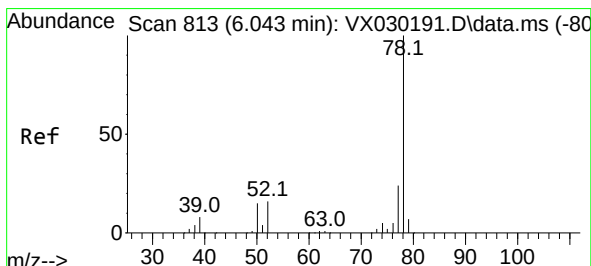
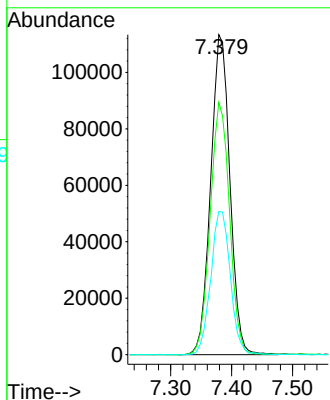
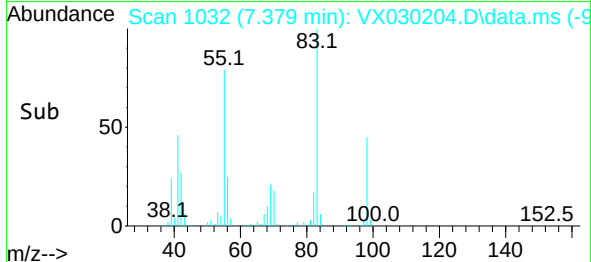
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 248789
Ion Ratio Lower Upper
83 100
55 78.9 57.7 86.5
98 44.8 36.5 54.7

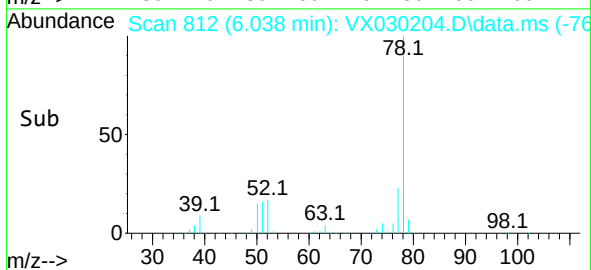
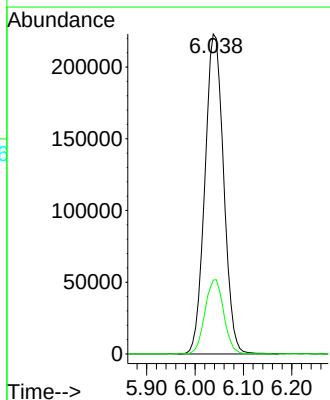
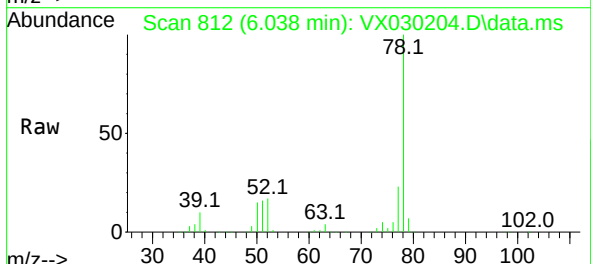
Manual Integrations
APPROVED

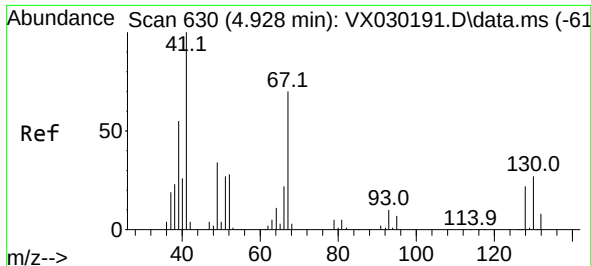
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#40
Benzene
Concen: 53.120 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

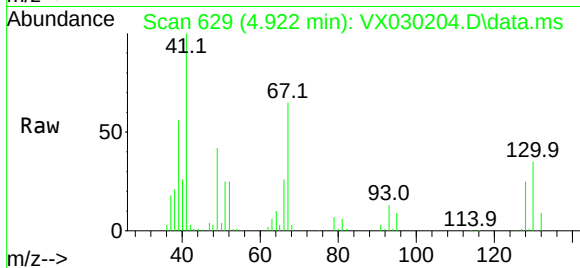
Tgt Ion: 78 Resp: 600902
Ion Ratio Lower Upper
78 100
77 23.1 18.0 27.0





#41
Methacrylonitrile
Concen: 53.515 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

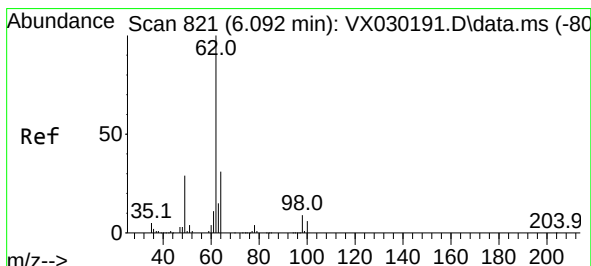
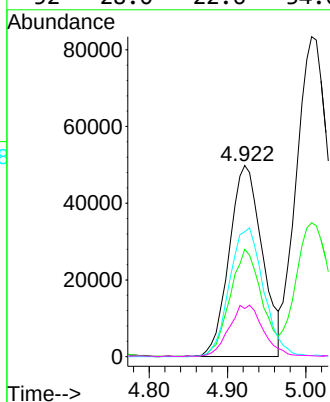
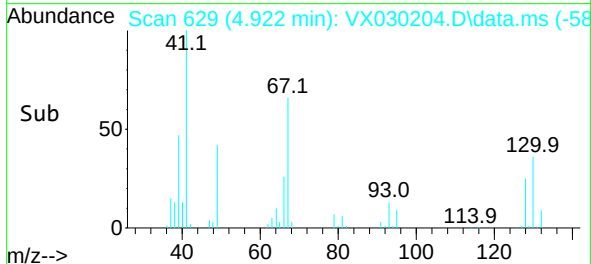
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 14605
Ion Ratio Lower Upper
41 100
39 54.3 42.9 64.3
67 70.0 60.1 90.1
52 28.0 22.6 34.0

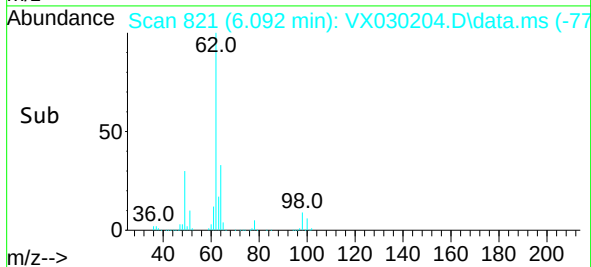
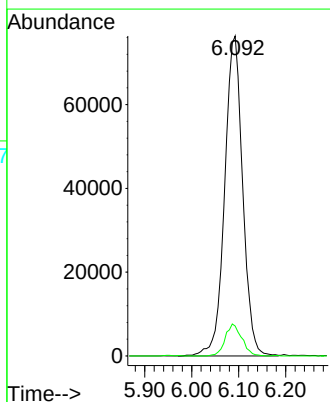
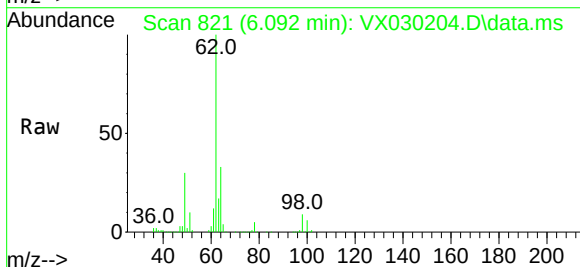
Manual Integrations
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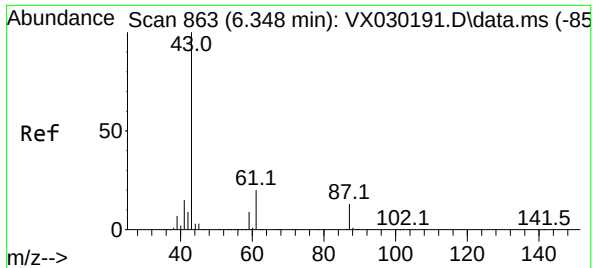
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#42
1,2-Dichloroethane
Concen: 52.030 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

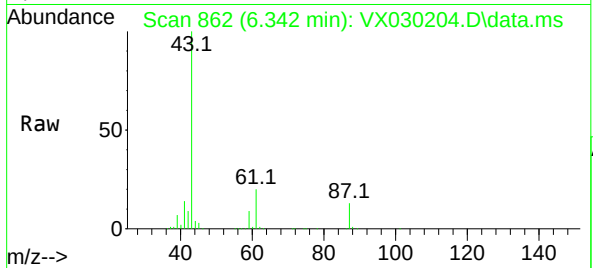
Tgt Ion: 62 Resp: 203377
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.910 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

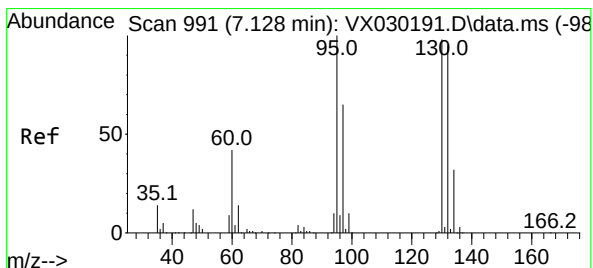
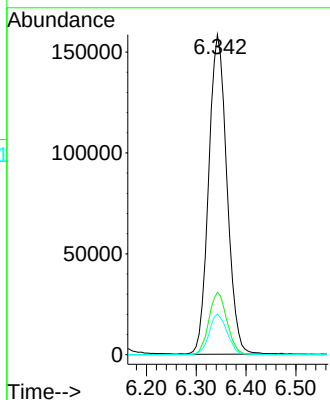
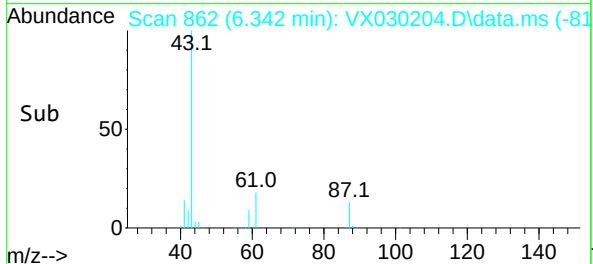
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 402375
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 12.5 11.1 16.7

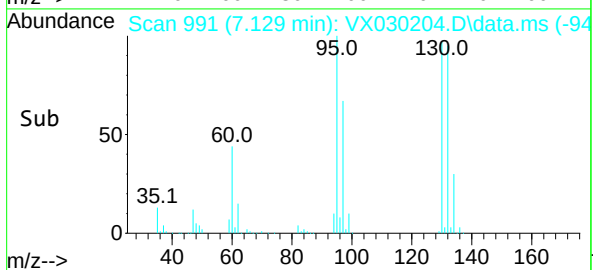
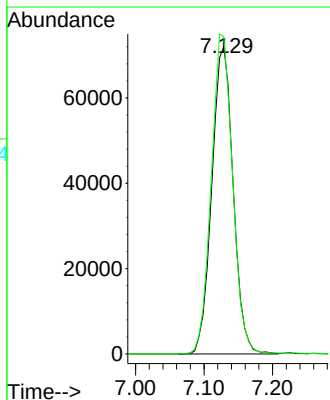
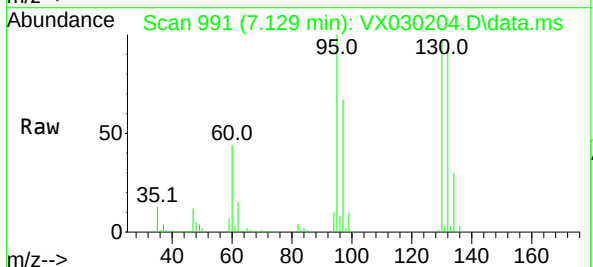
Manual Integrations
APPROVED

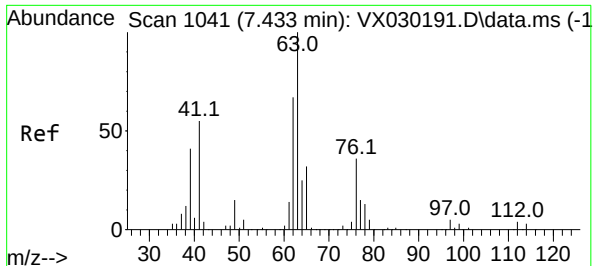
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#44
Trichloroethene
Concen: 50.371 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion:130 Resp: 155697
Ion Ratio Lower Upper
130 100
95 103.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.205 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 160528

Ion Ratio Lower Upper

63 100

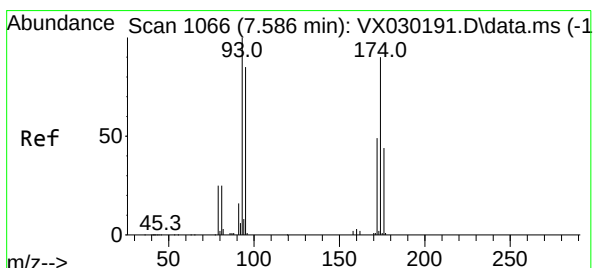
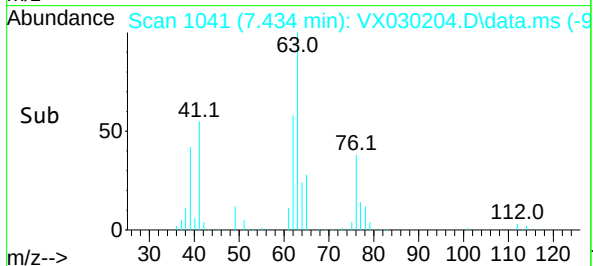
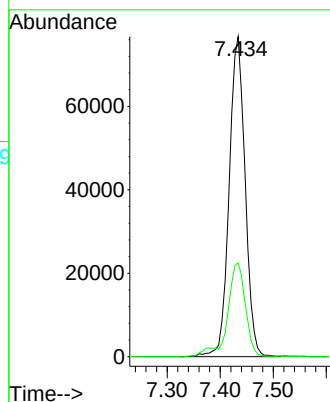
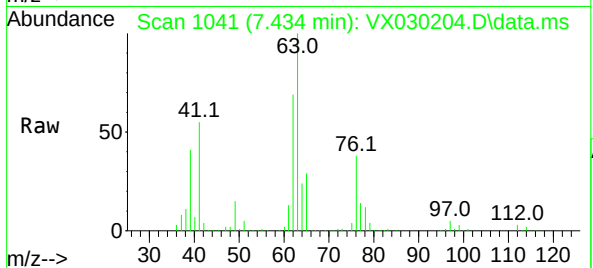
65 29.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#46

Dibromomethane

Concen: 51.898 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

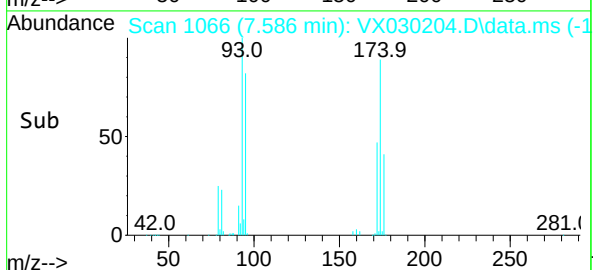
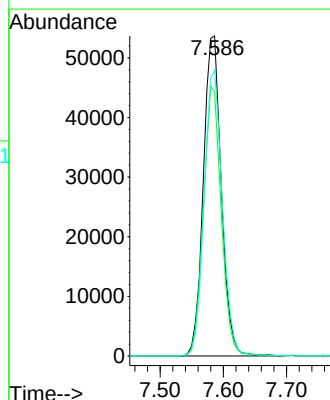
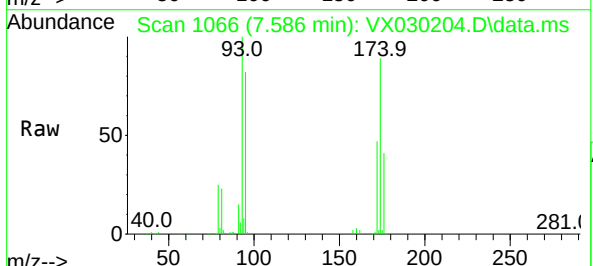
Tgt Ion: 93 Resp: 106485

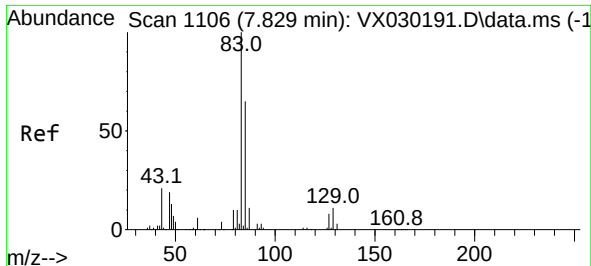
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

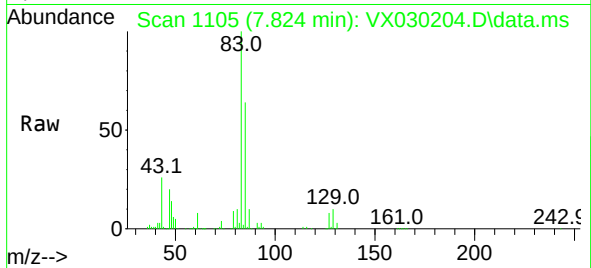
174 90.0 75.6 113.4





#47
Bromodichloromethane
Concen: 53.891 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

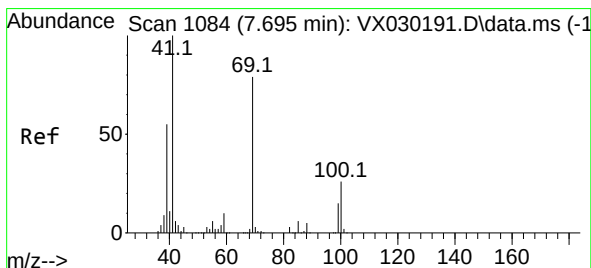
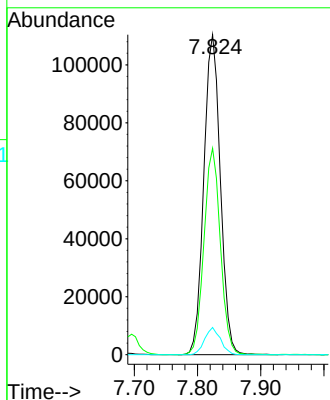
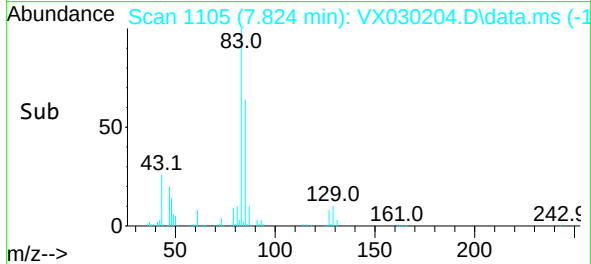
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



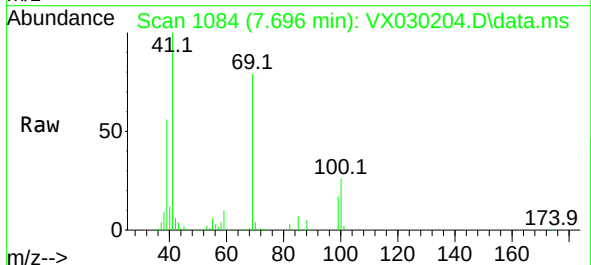
Tgt Ion: 83 Resp: 201011
Ion Ratio Lower Upper
83 100
85 64.5 53.5 80.3
127 8.5 6.6 10.0

Manual Integrations
APPROVED

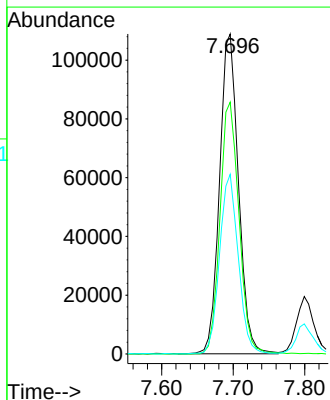
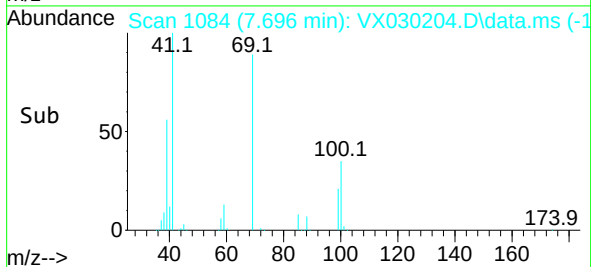
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

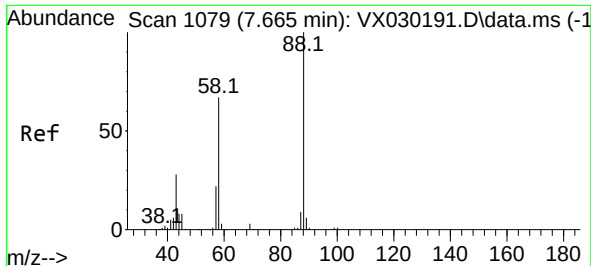


#48
Methyl methacrylate
Concen: 54.396 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion: 41 Resp: 199838
Ion Ratio Lower Upper
41 100
69 79.3 68.8 103.2
39 55.8 44.6 66.8





#49

1,4-Dioxane

Concen: 1035.090 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 87829

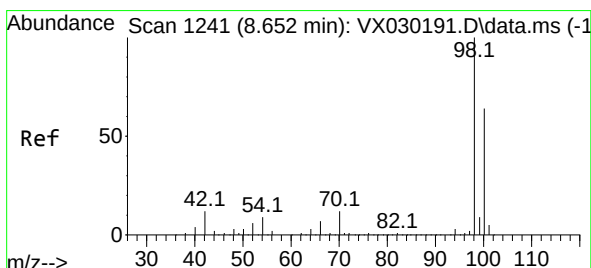
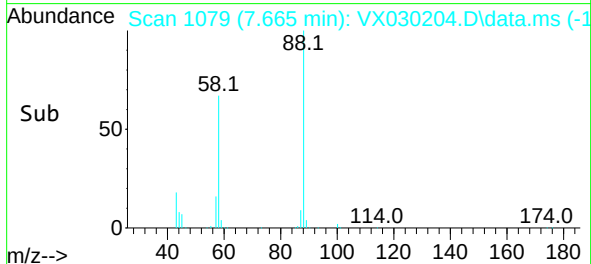
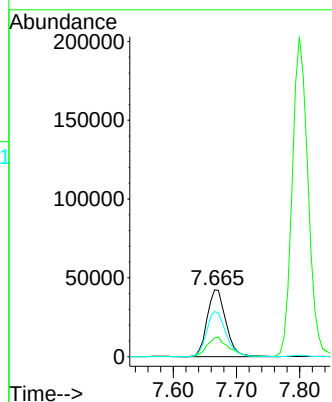
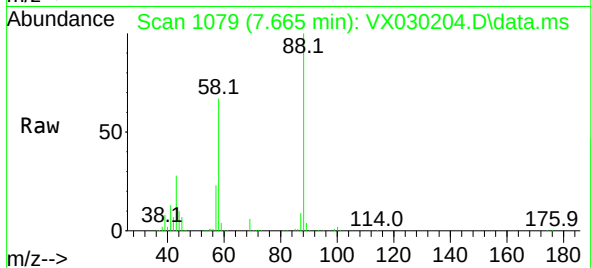
Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.8	35.8
58	69.7	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#50

Toluene-d8

Concen: 52.326 ug/l

RT: 8.653 min Scan# 1241

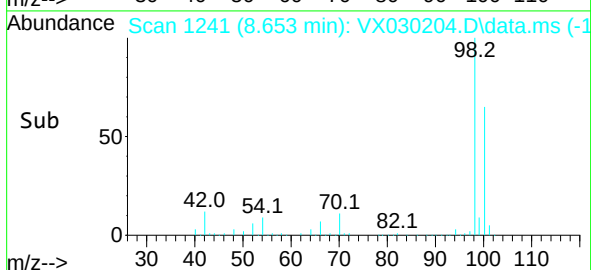
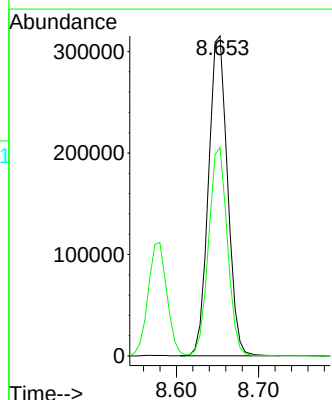
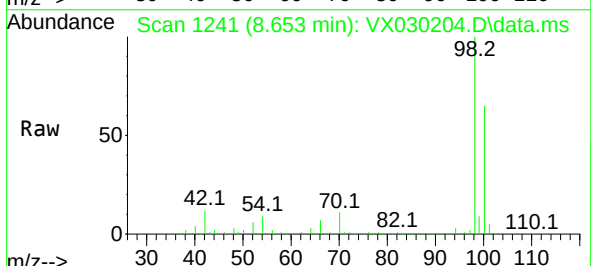
Delta R.T. 0.001 min

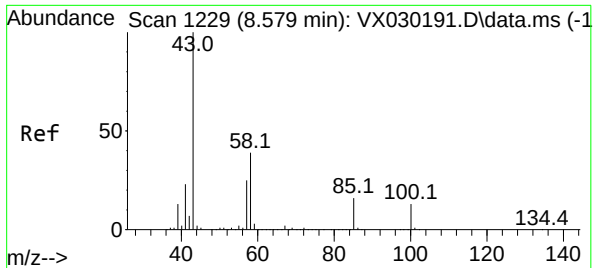
Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Tgt Ion: 98 Resp: 506269

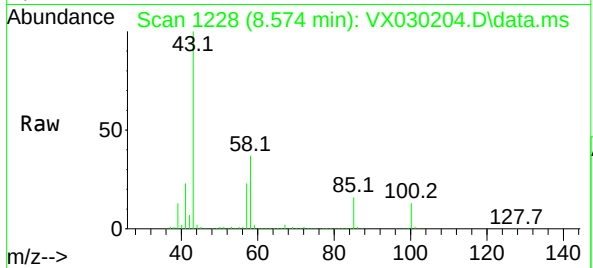
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 267.429 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

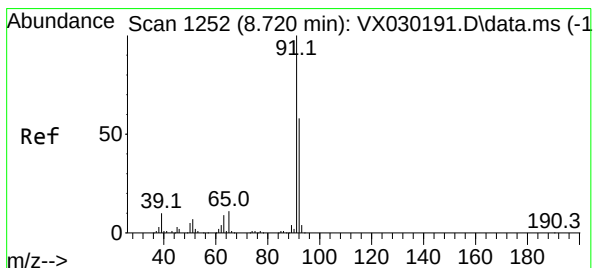
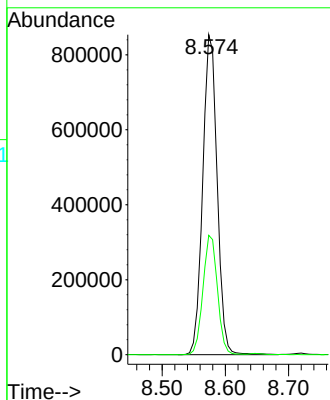
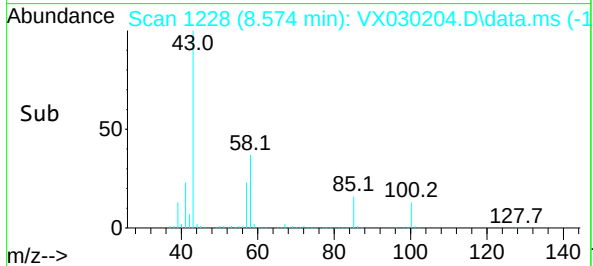
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



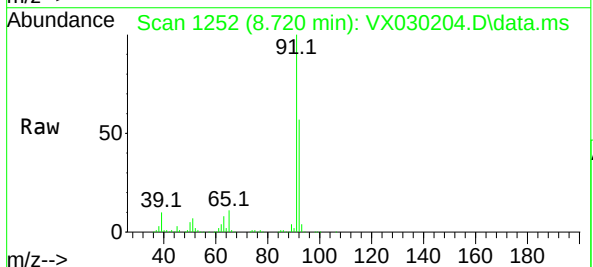
Tgt Ion: 43 Resp: 135510
Ion Ratio Lower Upper
43 100
58 37.4 31.4 47.2

Manual Integrations
APPROVED

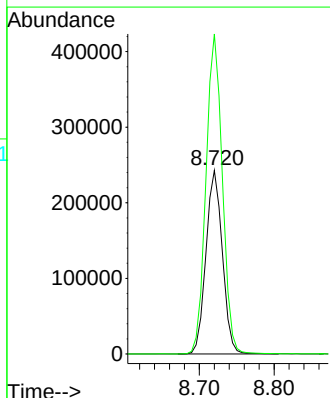
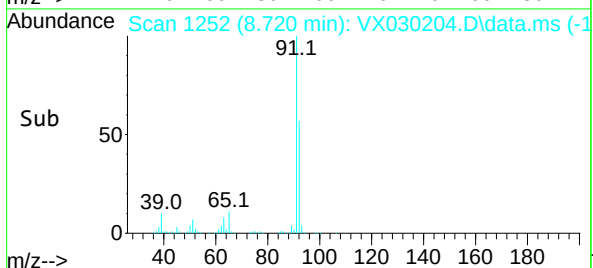
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

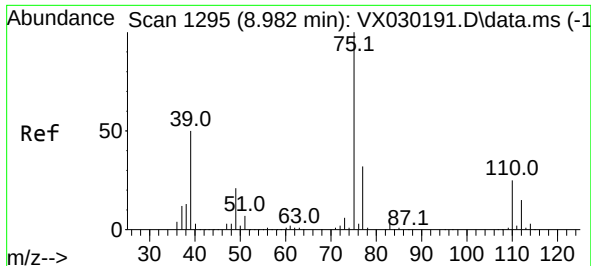


#52
Toluene
Concen: 53.720 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion: 92 Resp: 370759
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.491 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 22311

Ion Ratio Lower Upper

75 100

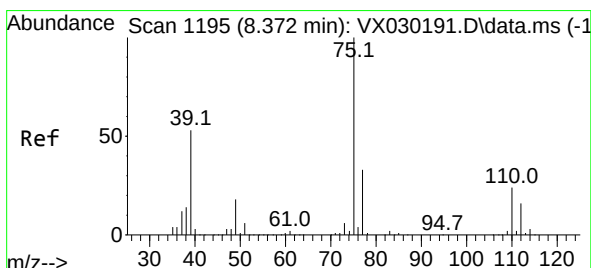
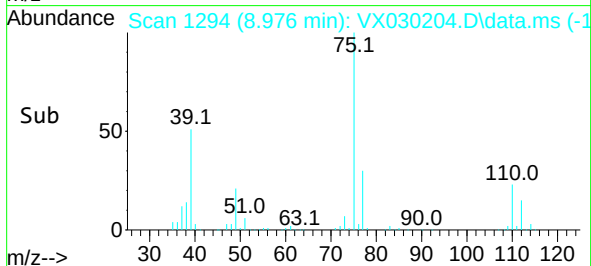
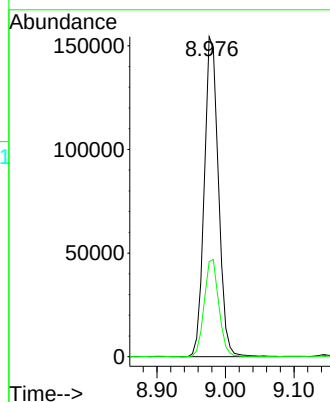
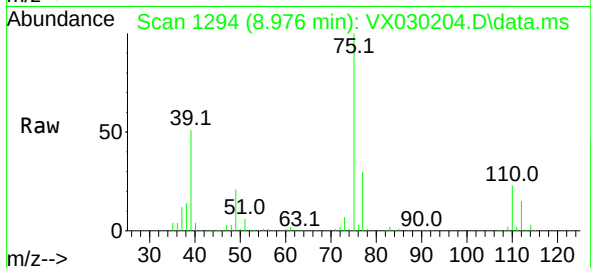
77 29.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#54

cis-1,3-Dichloropropene

Concen: 55.131 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

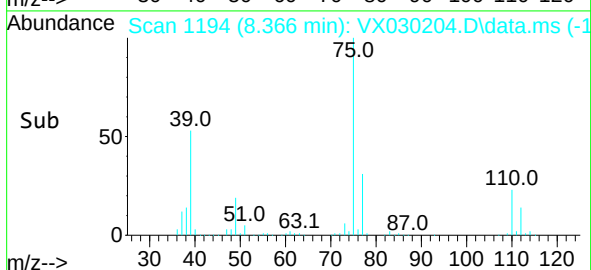
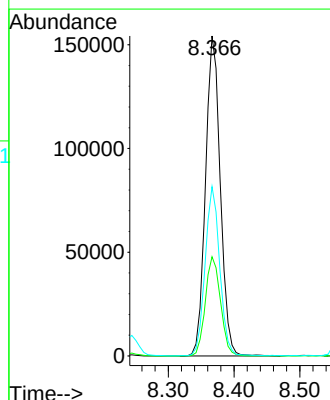
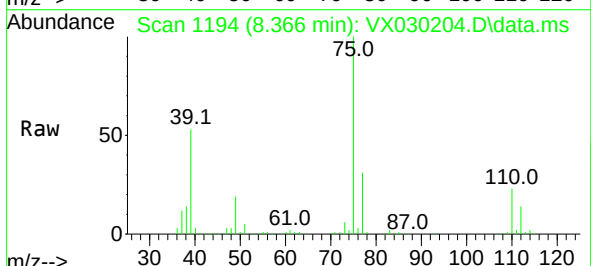
Tgt Ion: 75 Resp: 241559

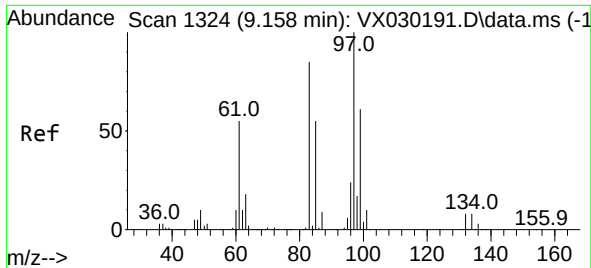
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 52.8 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 51.915 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.005 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 15255

Ion Ratio Lower Upper

97 100

83 87.5 68.9 103.3

85 58.2 44.0 66.0

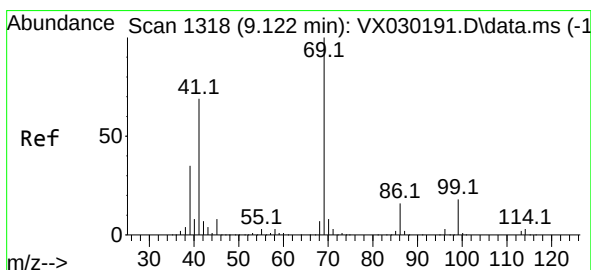
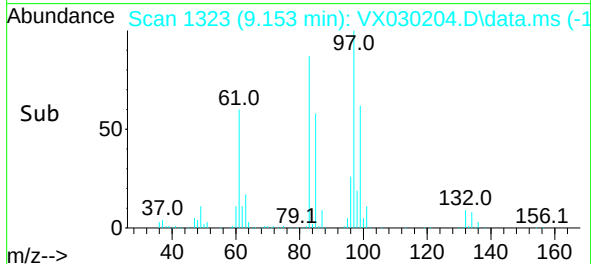
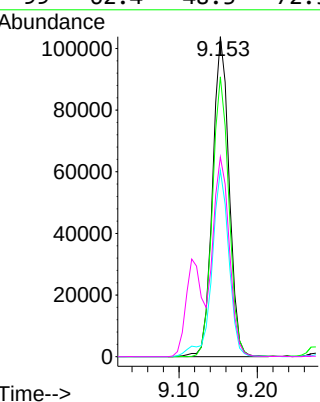
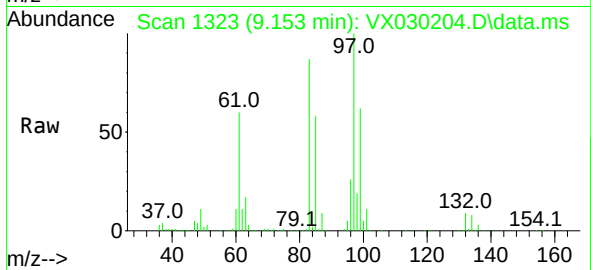
99 62.4 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#56

Ethyl methacrylate

Concen: 55.275 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

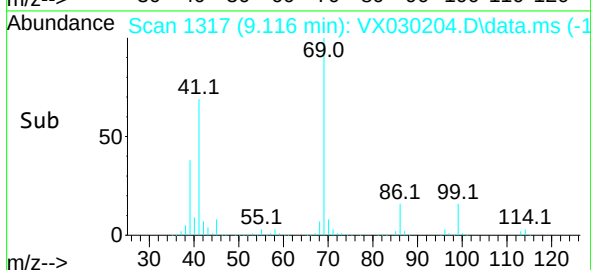
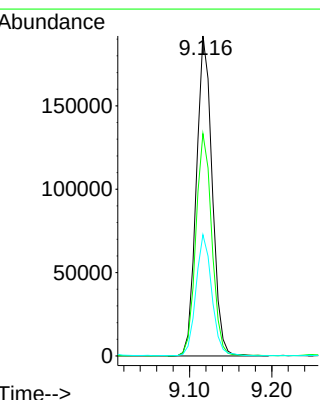
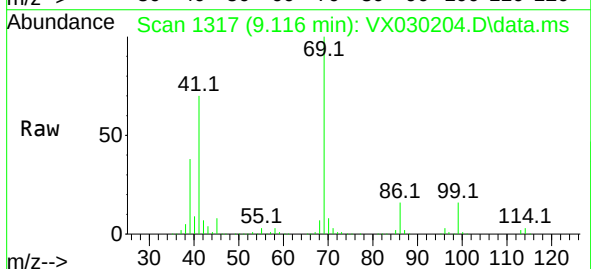
Tgt Ion: 69 Resp: 256772

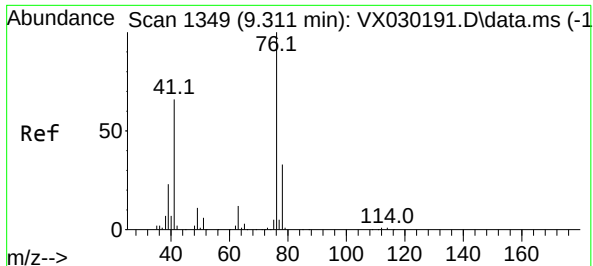
Ion Ratio Lower Upper

69 100

41 69.6 52.3 78.5

39 37.7 28.2 42.4





#57

1,3-Dichloropropane

Concen: 52.647 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 255370

Ion Ratio Lower Upper

76 100

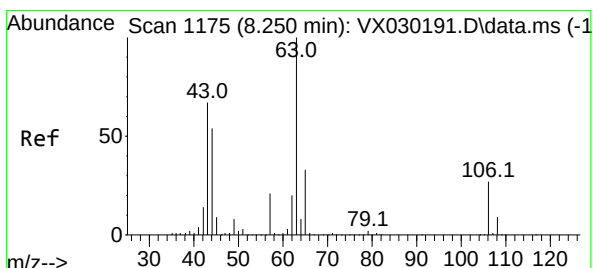
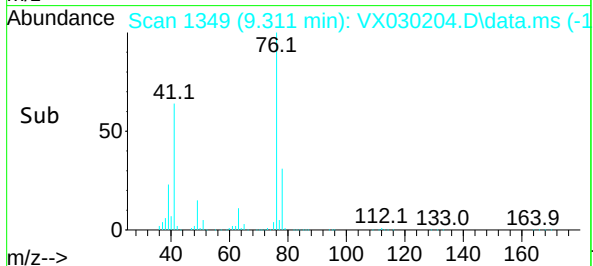
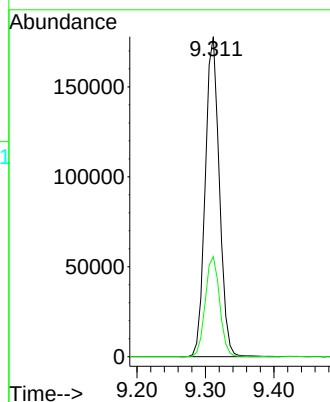
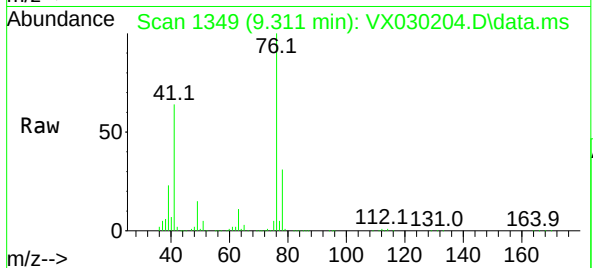
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 305.902 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.005 min

Lab File: VX030204.D

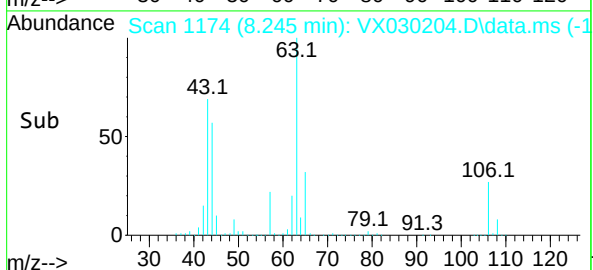
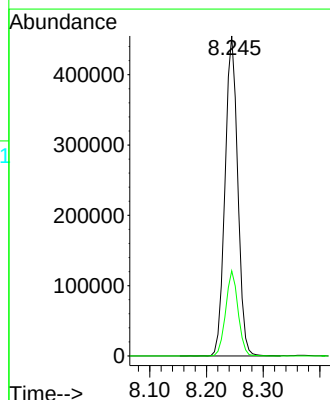
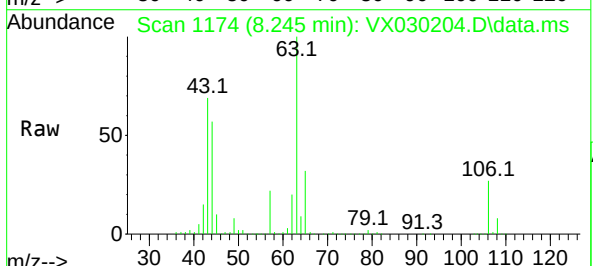
Acq: 26 Jul 2022 10:25

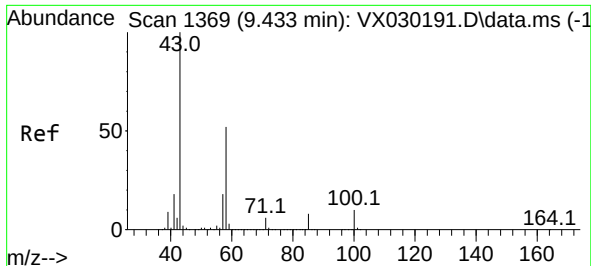
Tgt Ion: 63 Resp: 705248

Ion Ratio Lower Upper

63 100

106 25.9 22.2 33.2





#59

2-Hexanone

Concen: 266.581 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1065710

Ion Ratio Lower Upper

43 100

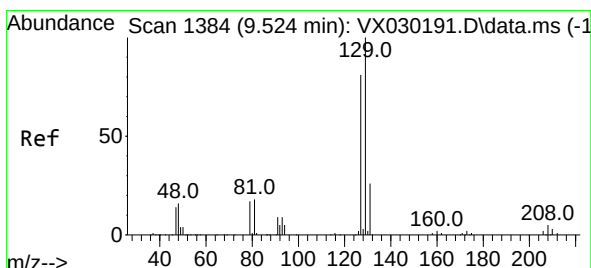
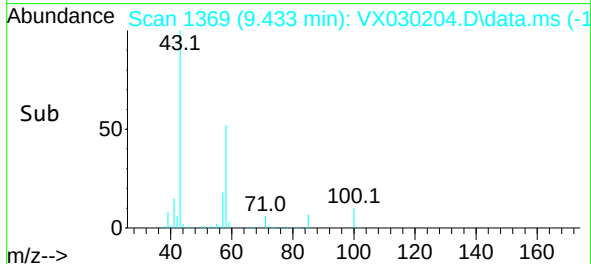
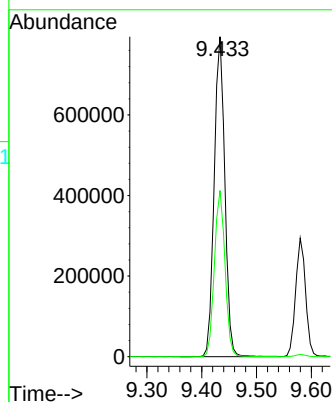
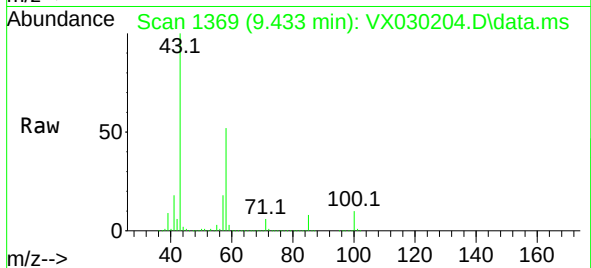
58 51.9 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#60

Dibromochloromethane

Concen: 55.179 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX030204.D

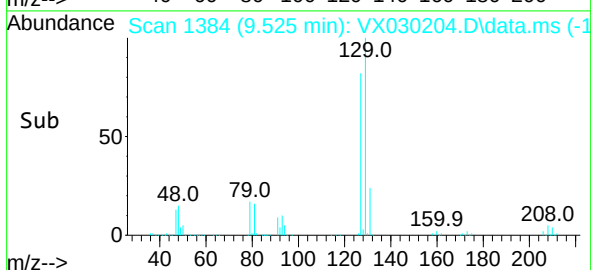
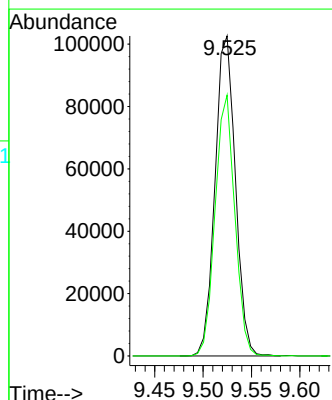
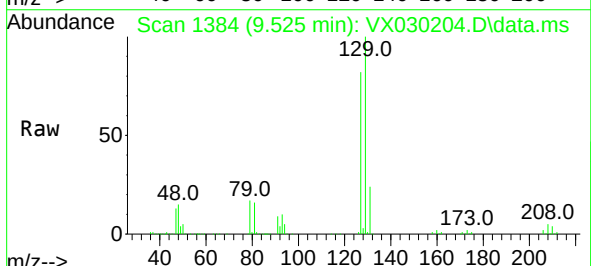
Acq: 26 Jul 2022 10:25

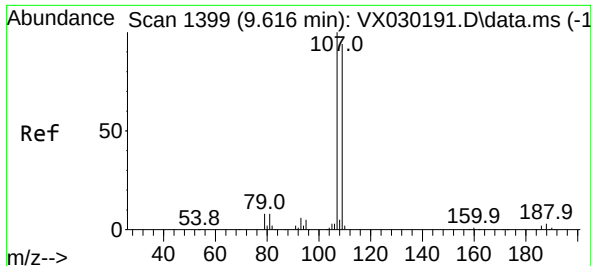
Tgt Ion:129 Resp: 150100

Ion Ratio Lower Upper

129 100

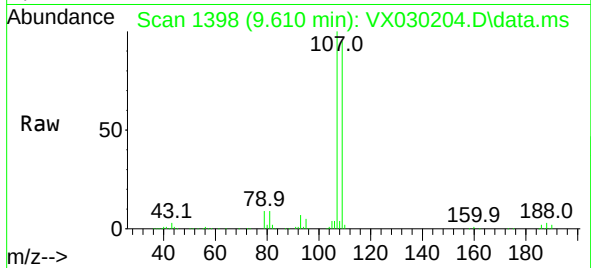
127 79.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.996 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

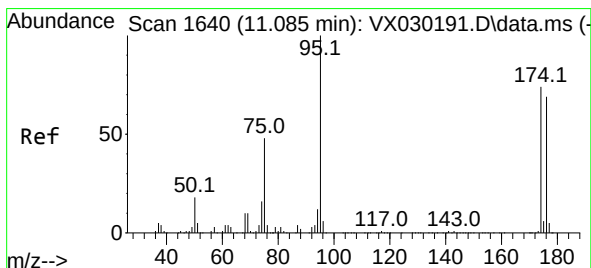
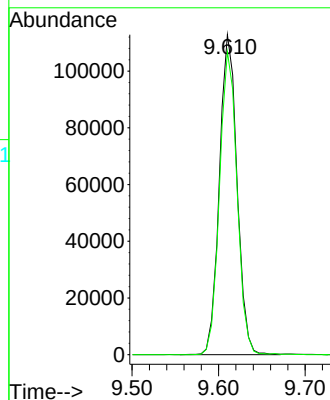
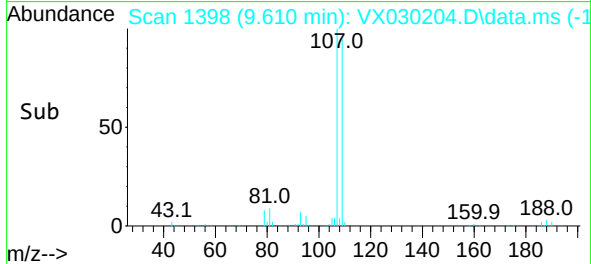
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



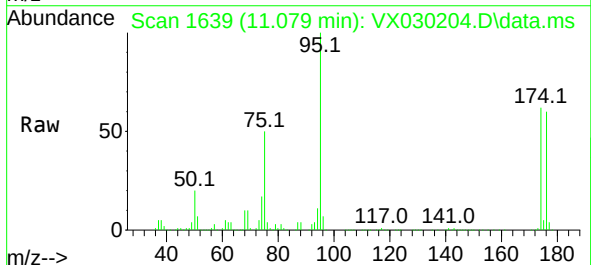
Tgt Ion:107 Resp: 15954
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

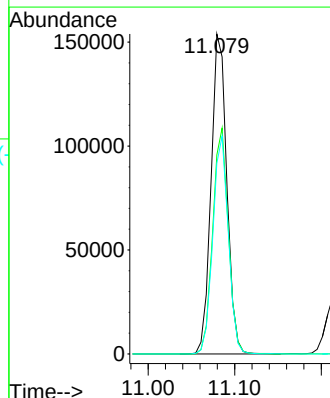
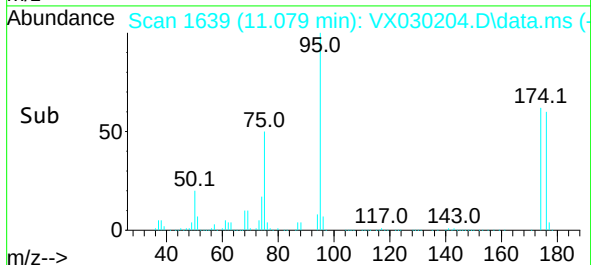
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

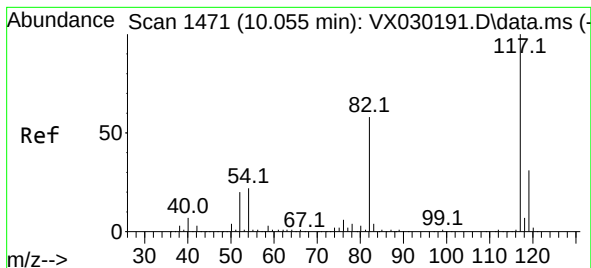


#62
4-Bromofluorobenzene
Concen: 53.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



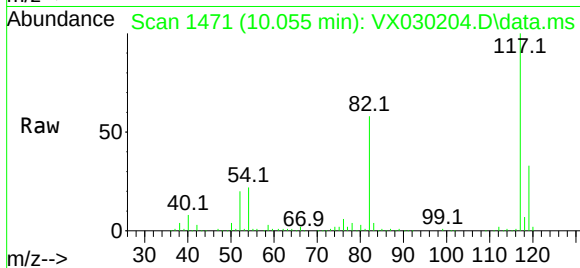
Tgt Ion: 95 Resp: 193856
Ion Ratio Lower Upper
95 100
174 70.0 0.0 149.0
176 67.0 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

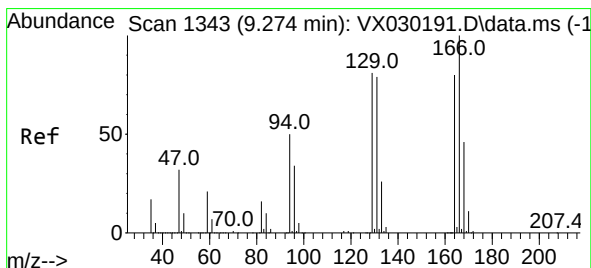
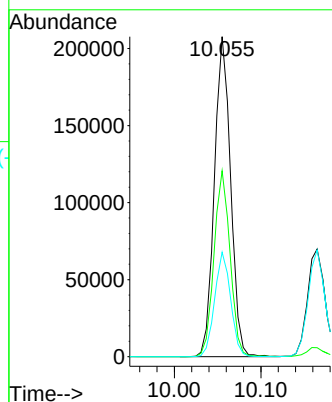
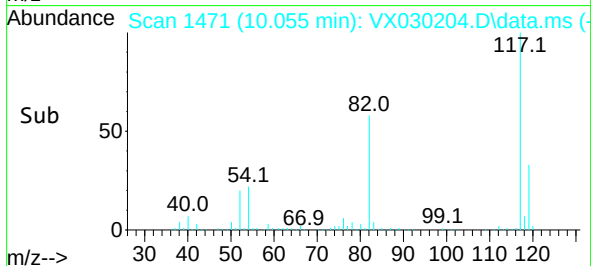
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



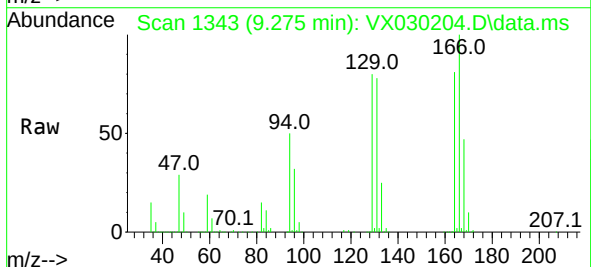
Tgt Ion:117 Resp: 270352
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 32.7 25.4 38.2

Manual Integrations
APPROVED

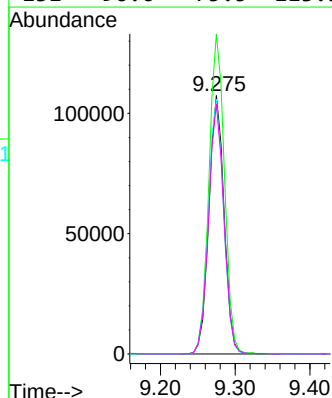
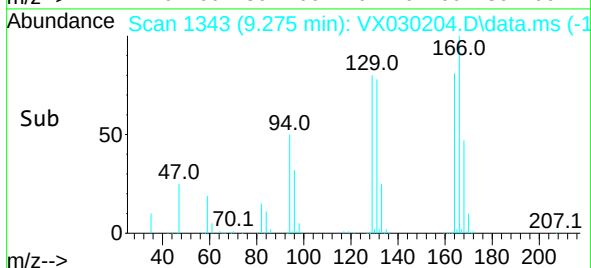
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

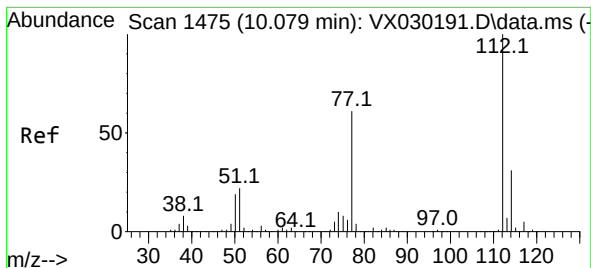


#64
Tetrachloroethene
Concen: 52.114 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



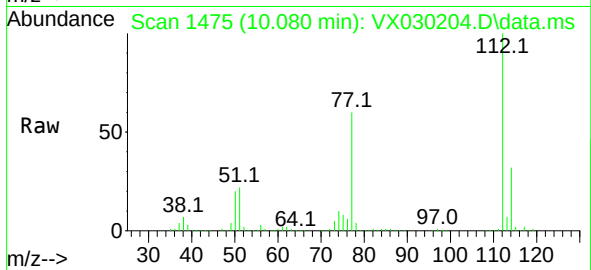
Tgt Ion:164 Resp: 151681
Ion Ratio Lower Upper
164 100
166 123.8 98.2 147.4
129 98.7 80.8 121.2
131 96.6 75.5 113.3





#65
Chlorobenzene
Concen: 52.681 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

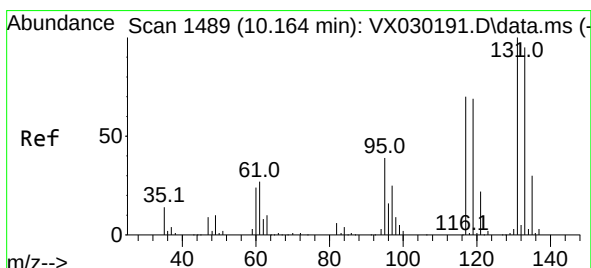
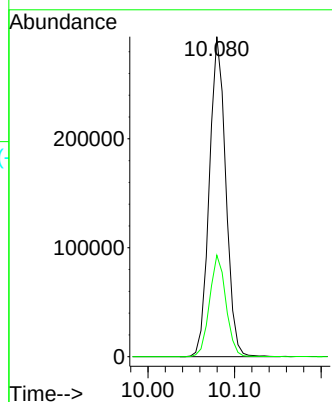
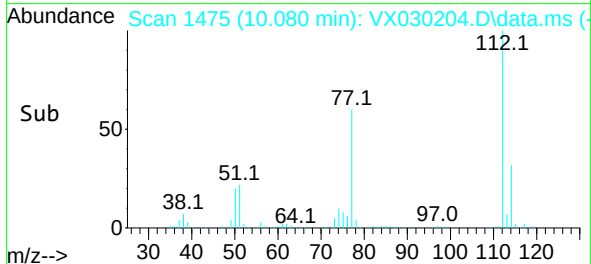
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



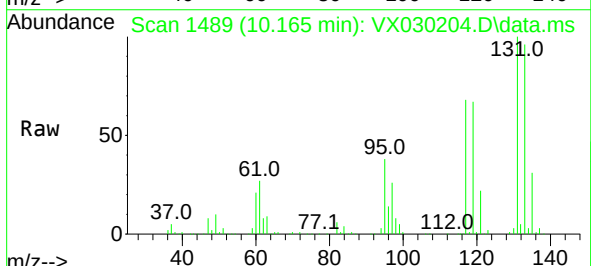
Tgt Ion:112 Resp: 38688
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8

Manual Integrations
APPROVED

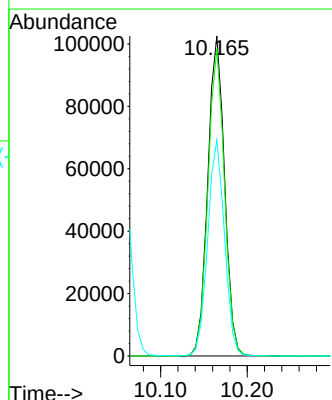
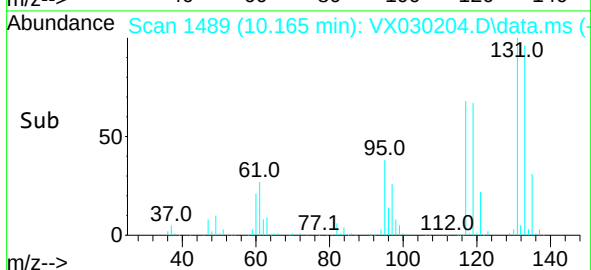
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

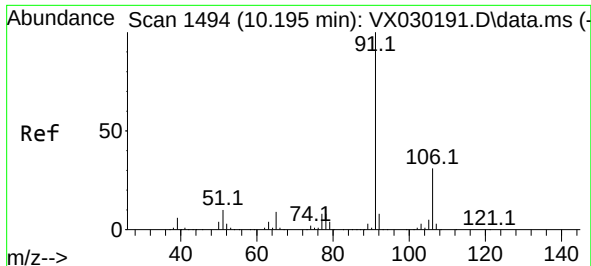


#66
1,1,1,2-Tetrachloroethane
Concen: 55.310 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion:131 Resp: 138082
Ion Ratio Lower Upper
131 100
133 94.3 46.9 140.8
119 67.7 34.4 103.1





#67

Ethyl Benzene

Concen: 50.750 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 716360

Ion Ratio Lower Upper

91 100

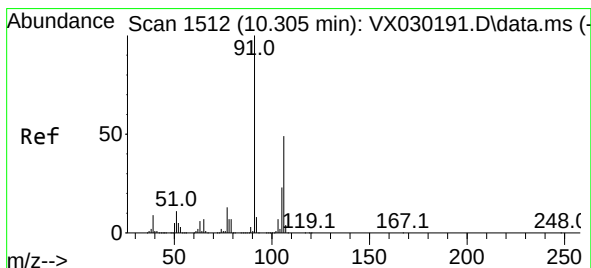
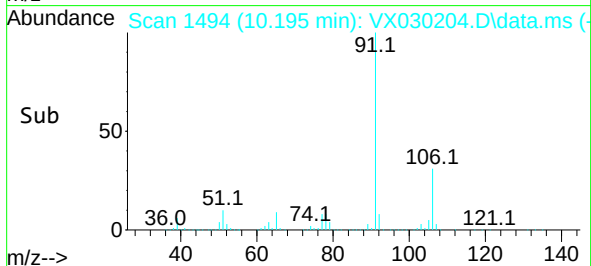
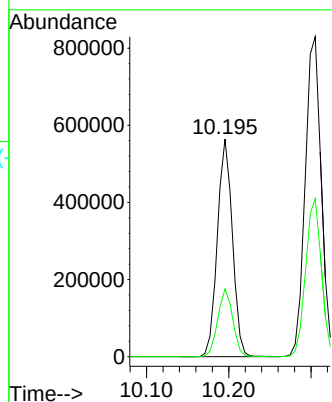
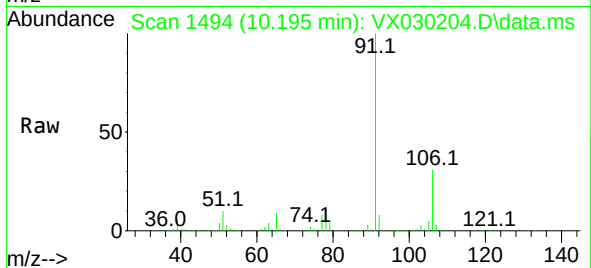
106 31.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#68

m/p-Xylenes

Concen: 109.950 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030204.D

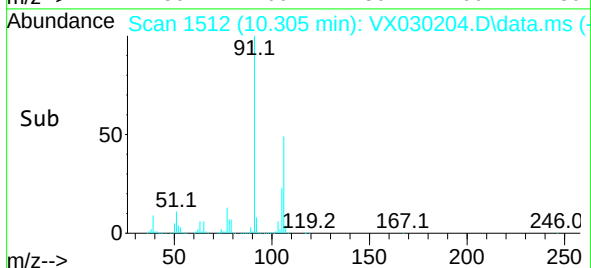
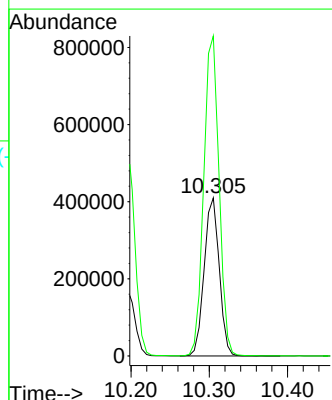
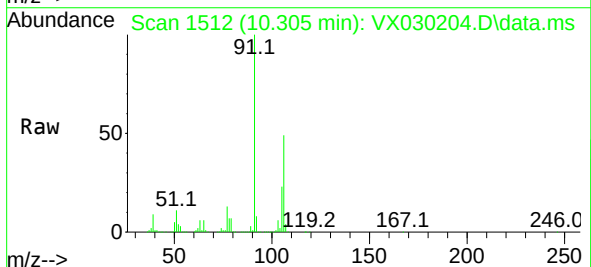
Acq: 26 Jul 2022 10:25

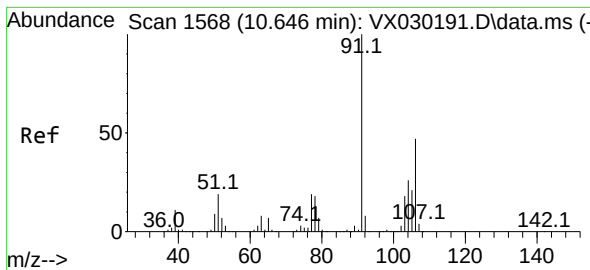
Tgt Ion:106 Resp: 546996

Ion Ratio Lower Upper

106 100

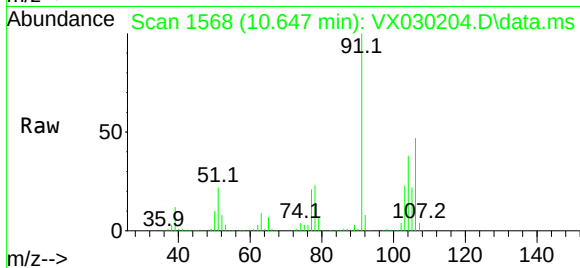
91 205.5 158.2 237.4





#69
o-Xylene
Concen: 55.175 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

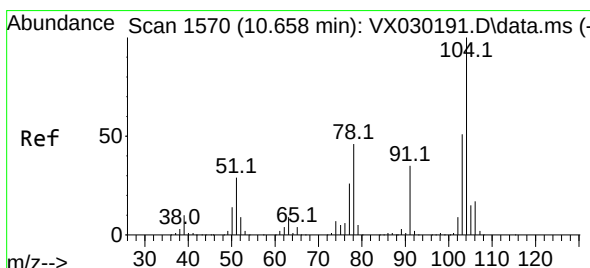
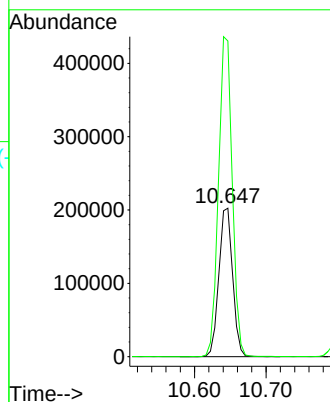
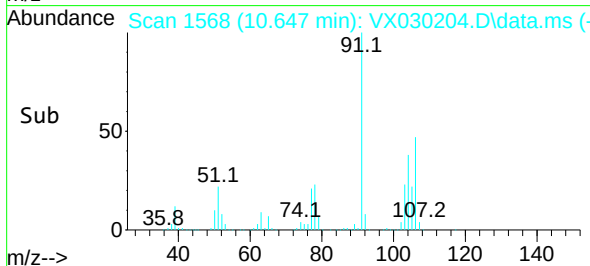
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



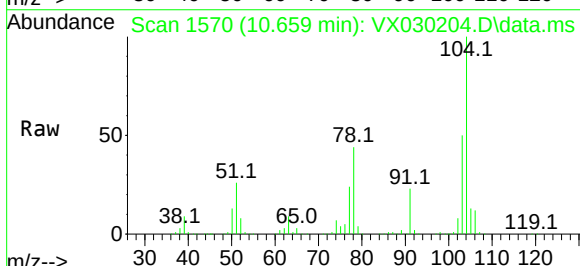
Tgt Ion:106 Resp: 27053
Ion Ratio Lower Upper
106 100
91 215.6 103.8 311.6

Manual Integrations
APPROVED

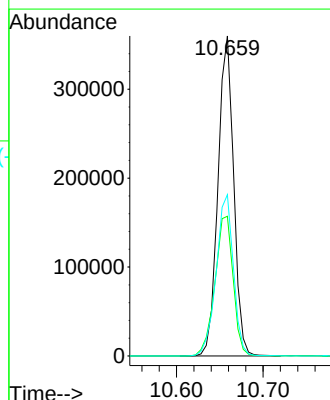
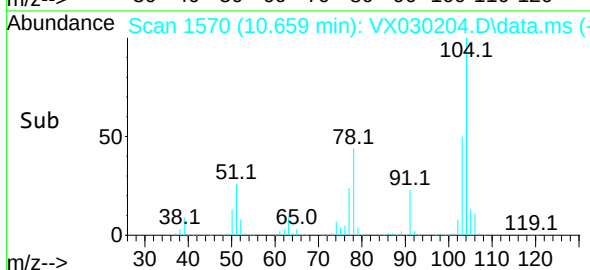
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

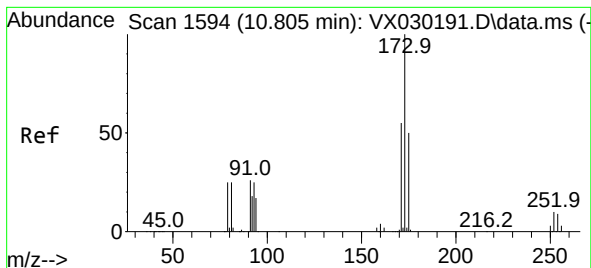


#70
Styrene
Concen: 56.270 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion:104 Resp: 453296
Ion Ratio Lower Upper
104 100
78 50.7 37.8 56.8
103 55.4 44.5 66.7





#71

Bromoform

Concen: 58.001 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 10645

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.2

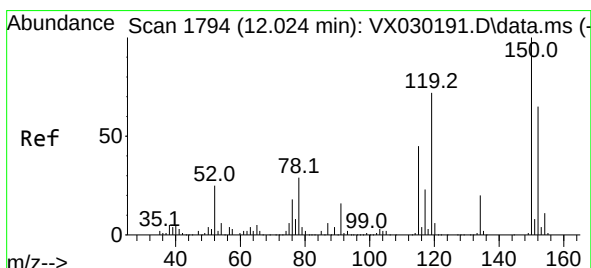
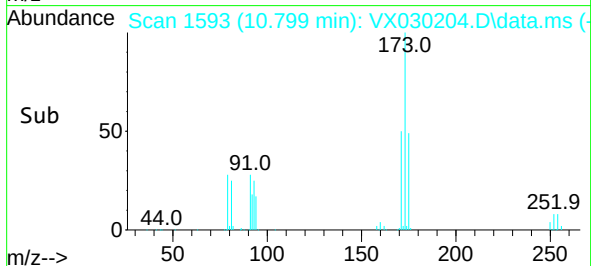
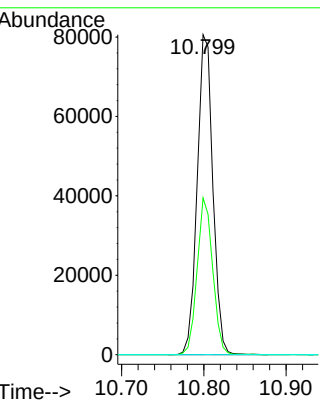
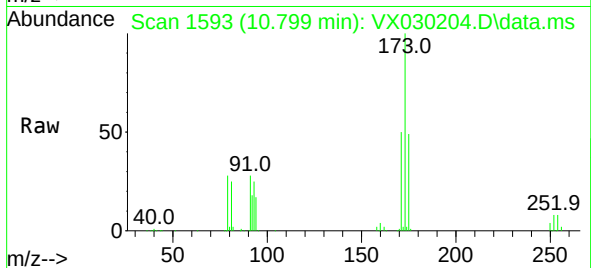
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

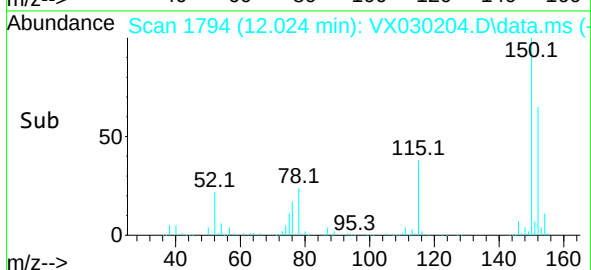
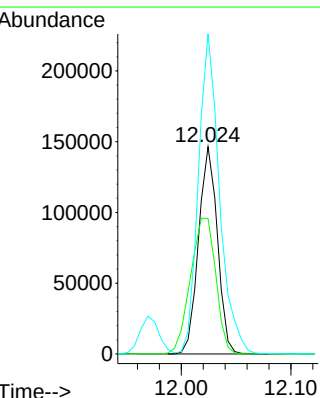
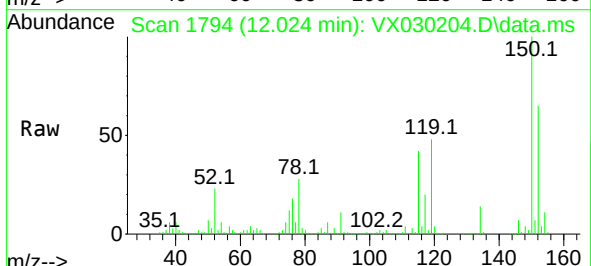
Tgt Ion:152 Resp: 175203

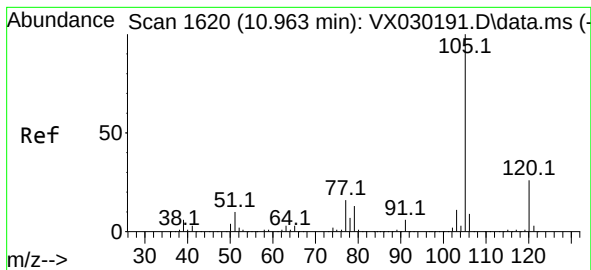
Ion Ratio Lower Upper

152 100

115 87.9 40.5 121.5

150 172.3 0.0 347.0





#73

Isopropylbenzene

Concen: 52.092 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 712489

Ion Ratio Lower Upper

105 100

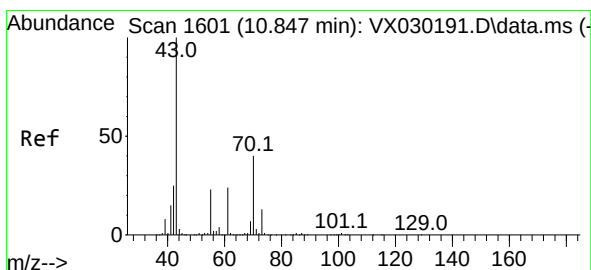
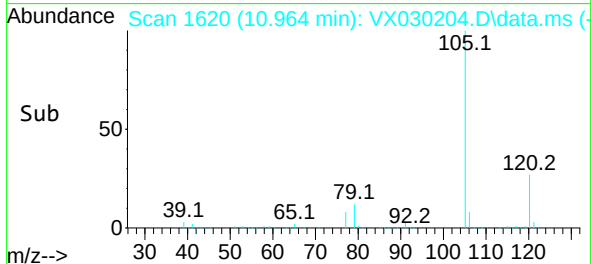
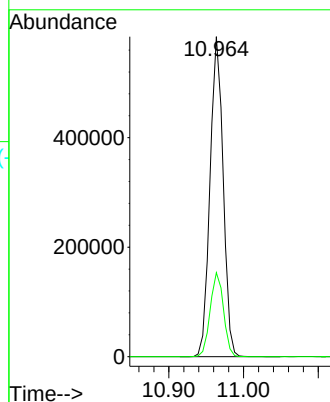
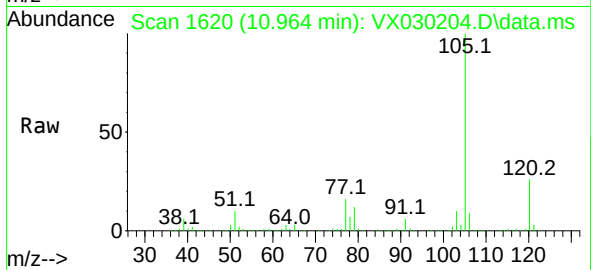
120 26.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#74

N-ethyl acetate

Concen: 54.000 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.005 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Tgt Ion: 43 Resp: 358963

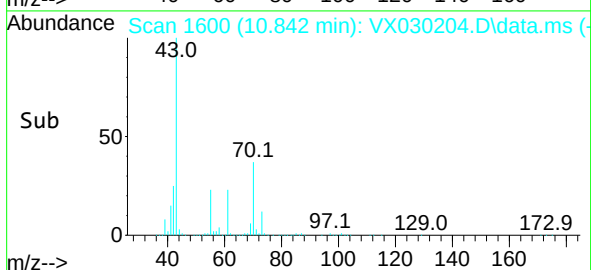
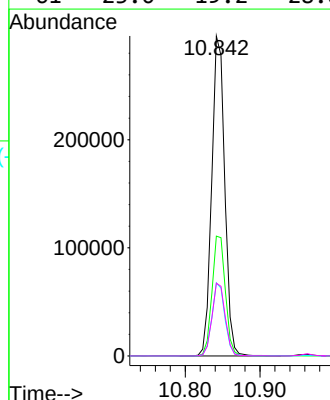
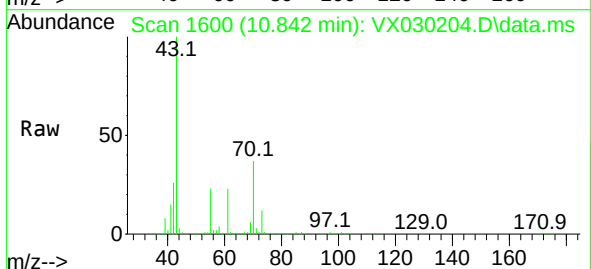
Ion Ratio Lower Upper

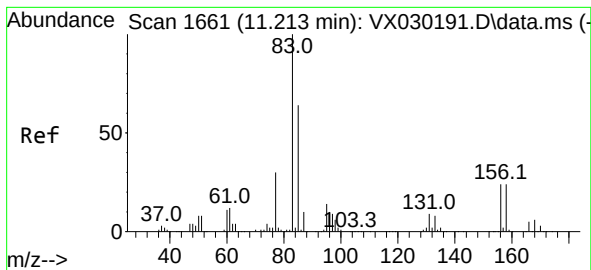
43 100

70 38.4 32.3 48.5

55 22.7 18.4 27.6

61 23.0 19.2 28.8





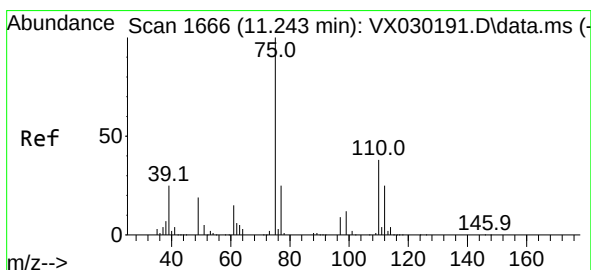
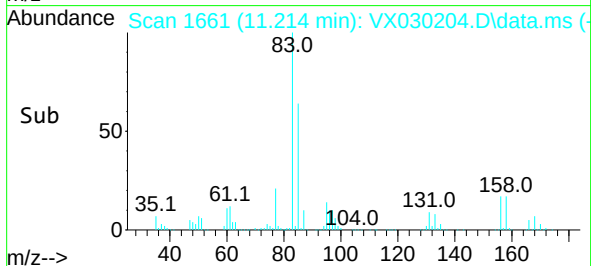
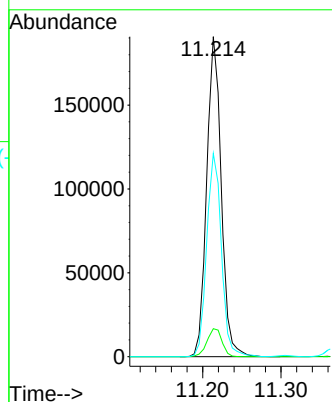
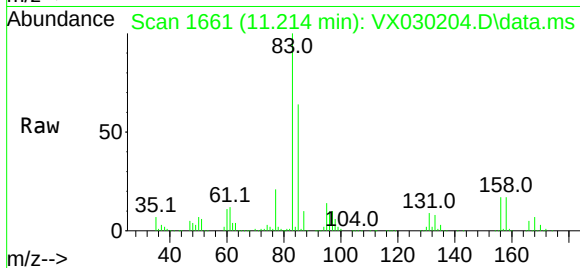
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.026 ug/l
 RT: 11.214 min Scan# 1661
 Delta R.T. 0.001 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 24543
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.7
 85 64.3 32.5 97.5

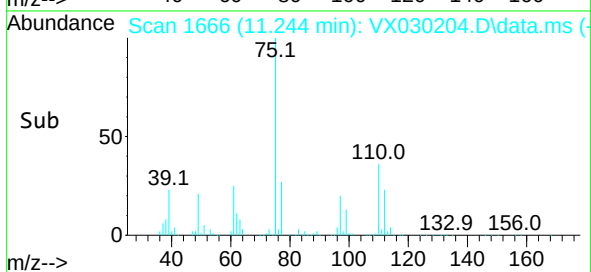
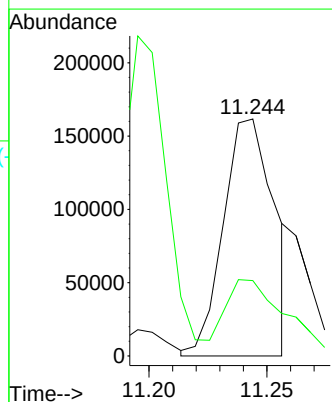
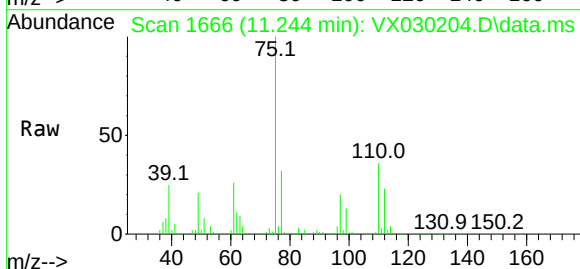
Manual Integrations
 APPROVED

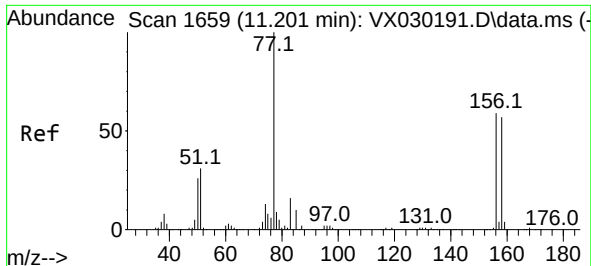
Reviewed By :John Carlone 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022



#76
 1,2,3-Trichloropropane
 Concen: 52.299 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.001 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25

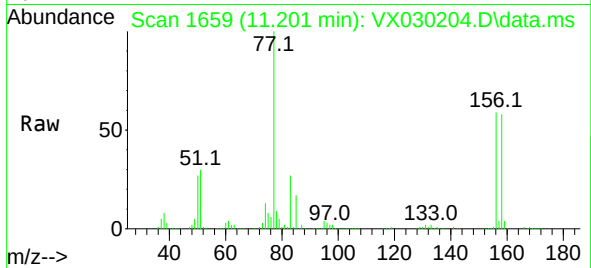
Tgt Ion: 75 Resp: 241531
 Ion Ratio Lower Upper
 75 100
 77 38.2 19.8 59.3





#77
Bromobenzene
Concen: 49.167 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

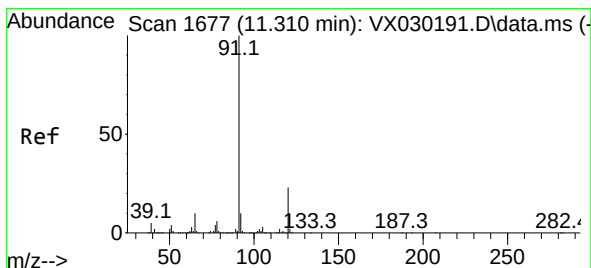
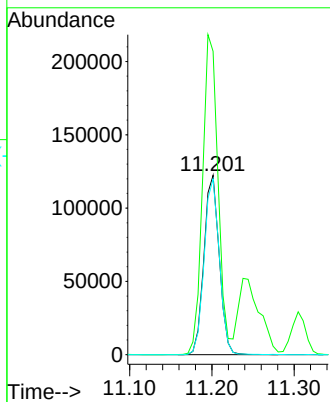
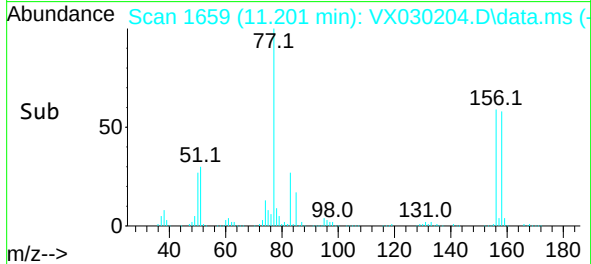
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



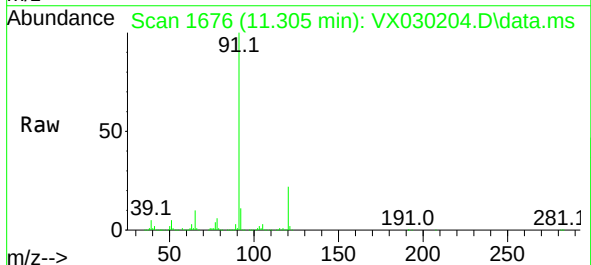
Tgt Ion:156 Resp: 157840
Ion Ratio Lower Upper
156 100
77 181.8 82.7 247.9
158 97.7 47.5 142.5

Manual Integrations
APPROVED

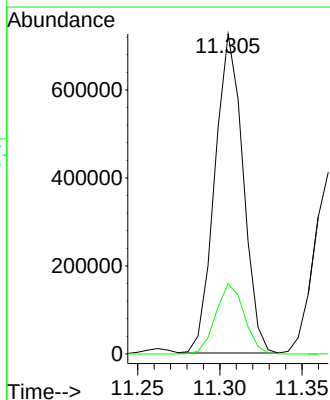
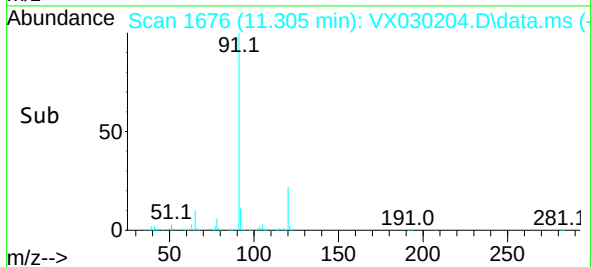
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

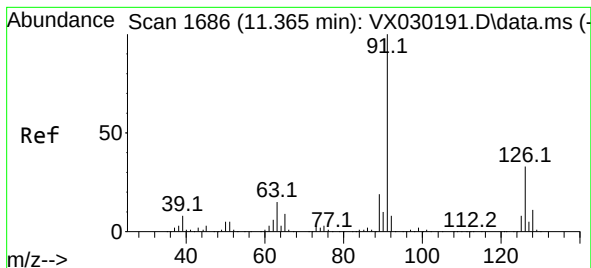


#78
n-propylbenzene
Concen: 53.154 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



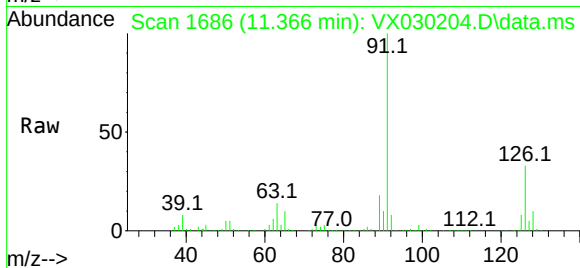
Tgt Ion: 91 Resp: 867717
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.472 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

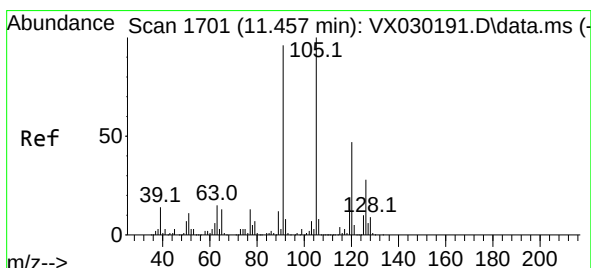
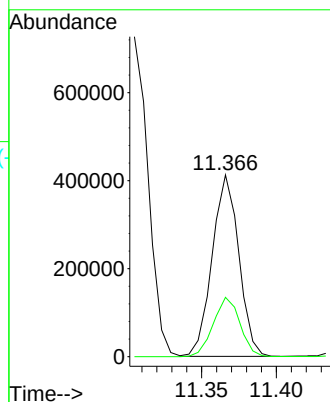
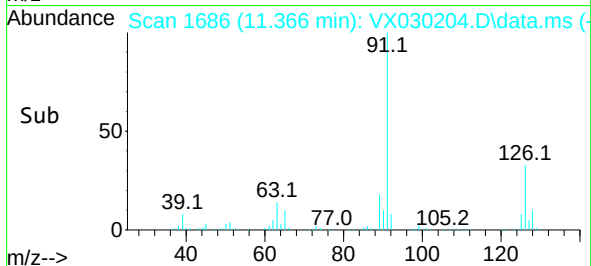
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



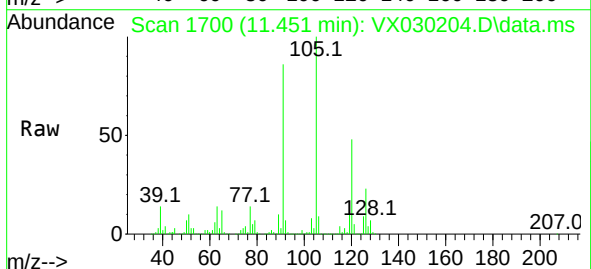
Tgt Ion: 91 Resp: 509999
Ion Ratio Lower Upper
91 100
126 32.9 17.4 52.3

Manual Integrations
APPROVED

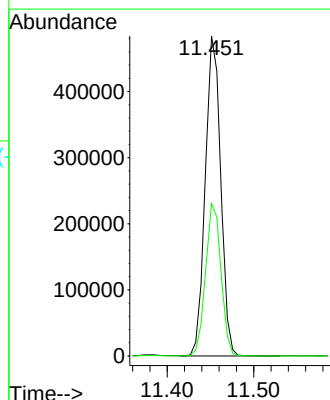
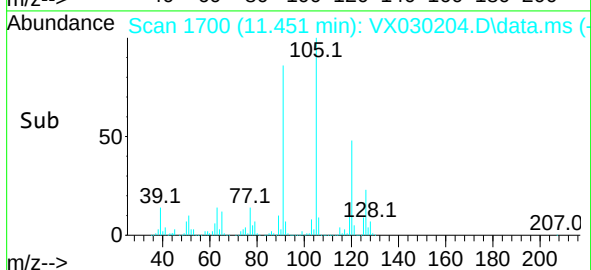
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

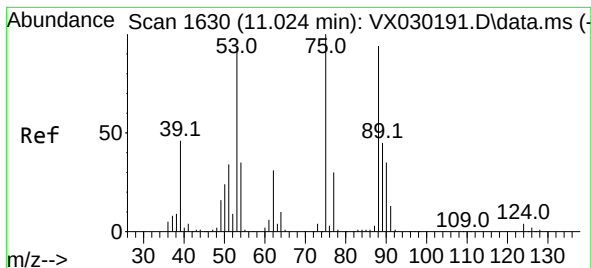


#80
1,3,5-Trimethylbenzene
Concen: 52.284 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



Tgt Ion:105 Resp: 598791
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.2





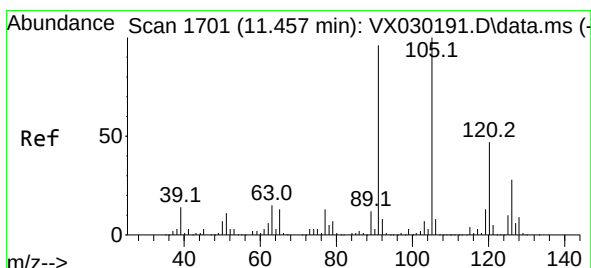
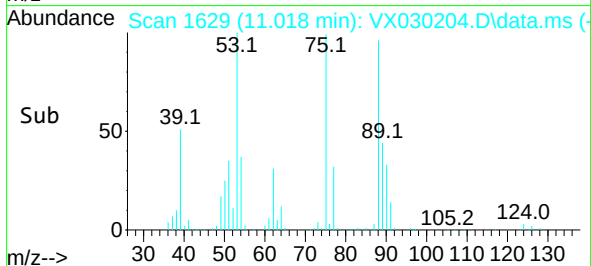
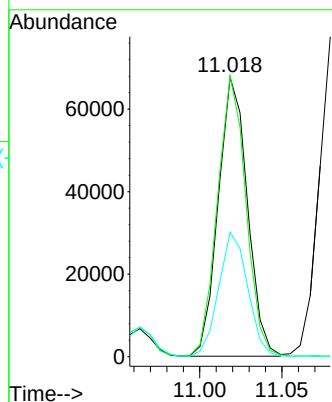
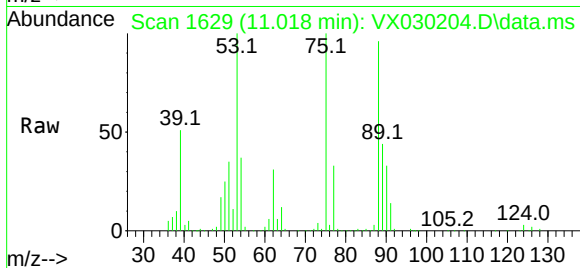
#81
trans-1,4-Dichloro-2-butene
Concen: 54.105 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 83292
Ion Ratio Lower Upper
75 100
53 98.5 74.2 111.4
89 44.4 34.8 52.2

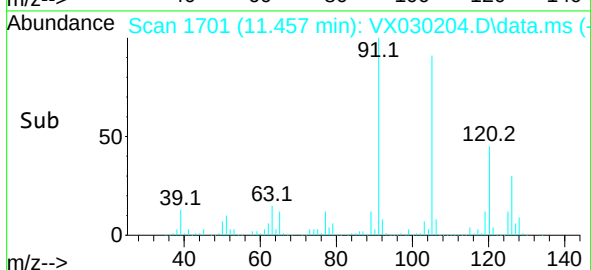
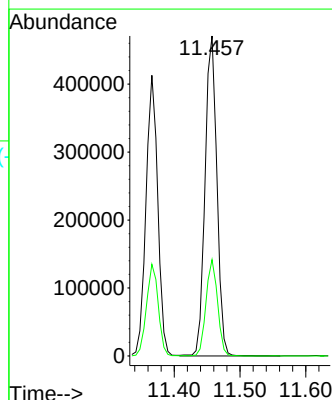
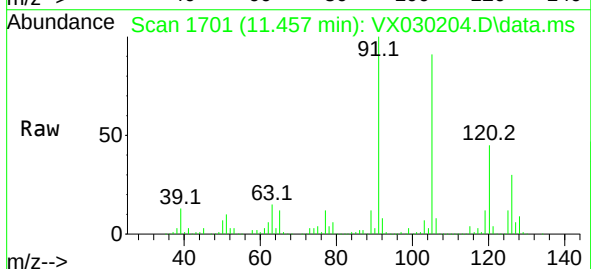
Manual Integrations
APPROVED

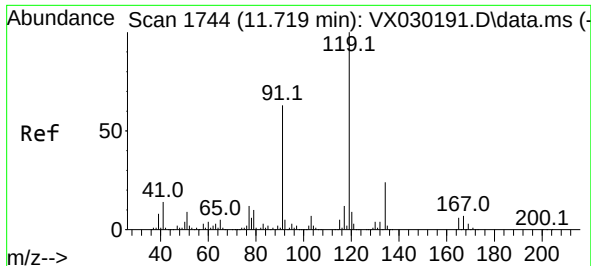
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#82
4-Chlorotoluene
Concen: 52.365 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

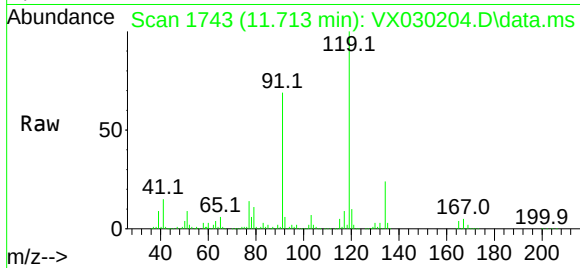
Tgt Ion: 91 Resp: 589801
Ion Ratio Lower Upper
91 100
126 29.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 52.774 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

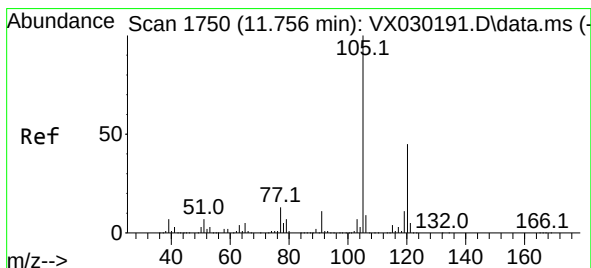
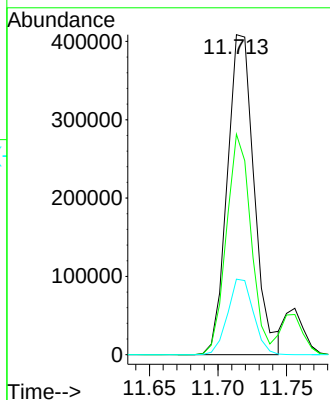
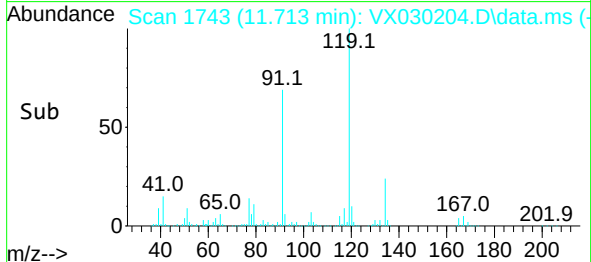
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 560208
Ion Ratio Lower Upper
119 100
91 62.8 28.3 84.9
134 22.6 11.2 33.5

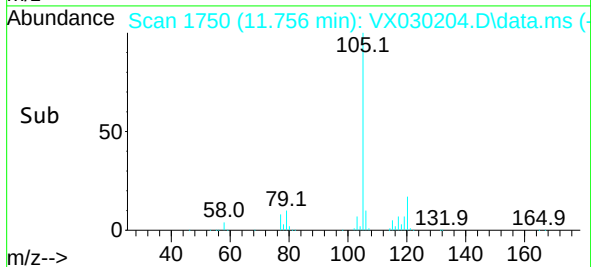
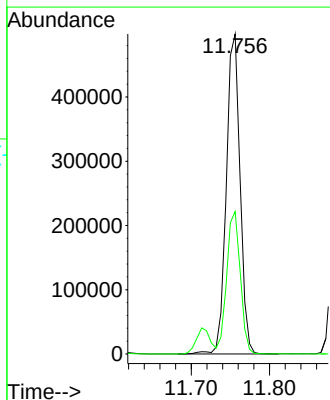
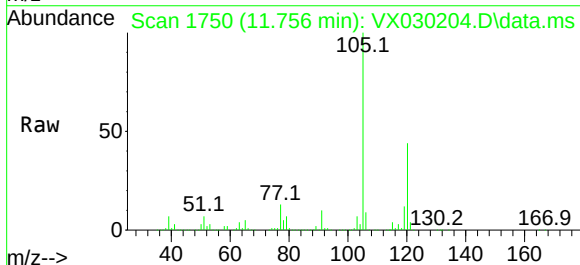
Manual Integrations
APPROVED

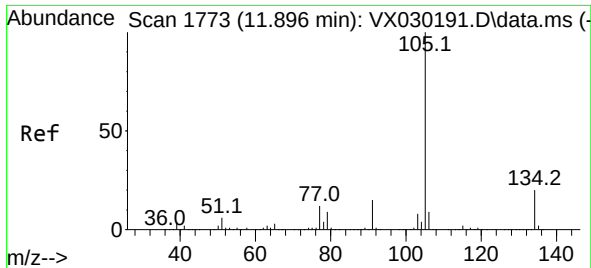
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.252 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion:105 Resp: 608454
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 53.588 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

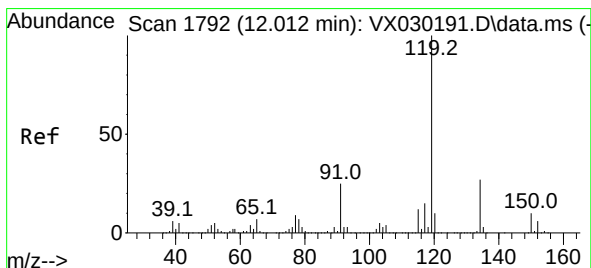
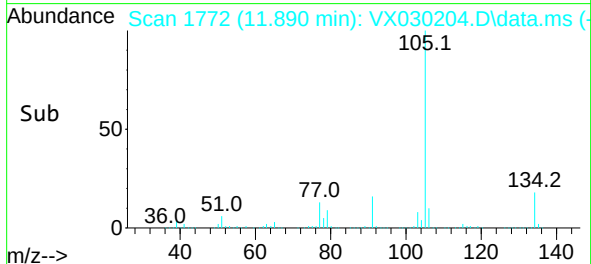
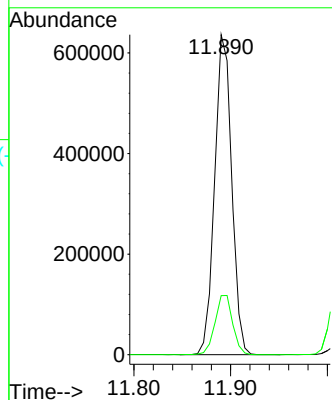
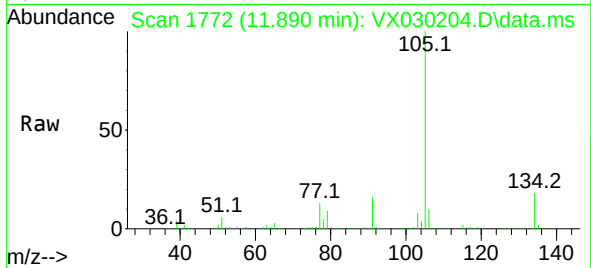
VSTDCCC050

Tgt Ion:105 Resp: 77858
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0

Manual Integrations

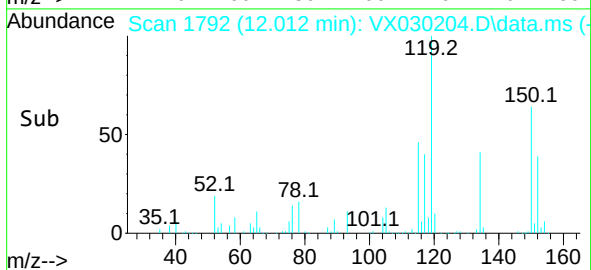
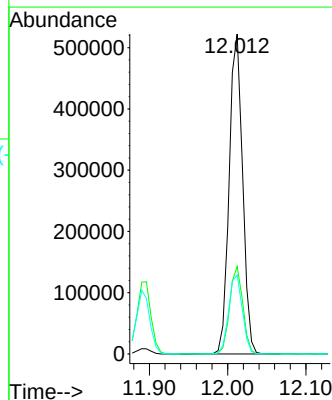
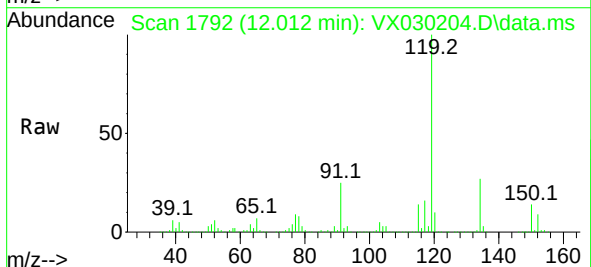
APPROVED

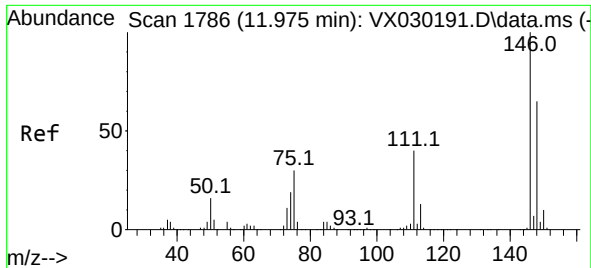
Reviewed By :John Carlone 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022



#86
 p-Isopropyltoluene
 Concen: 53.578 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030204.D
 Acq: 26 Jul 2022 10:25

Tgt Ion:119 Resp: 622792
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.9 41.6
 91 25.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.315 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 314138

Ion Ratio Lower Upper

146 100

111 42.7 20.3 60.8

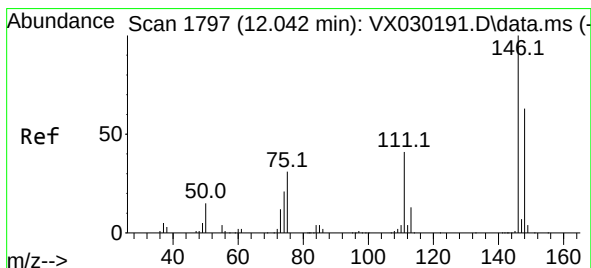
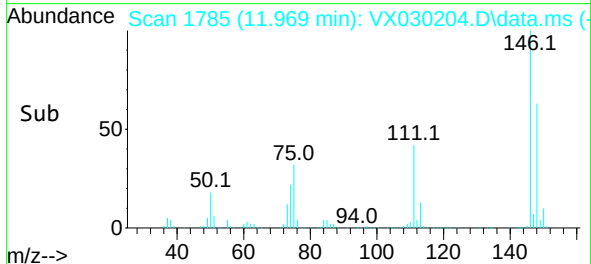
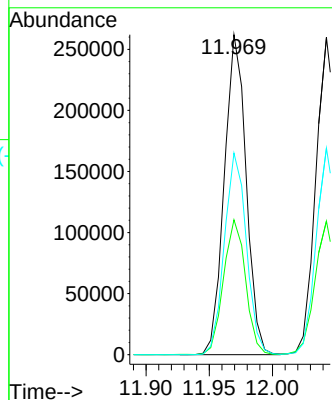
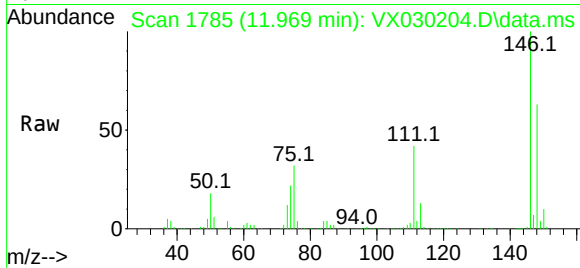
148 63.6 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#88

1,4-Dichlorobenzene

Concen: 49.512 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030204.D

Acq: 26 Jul 2022 10:25

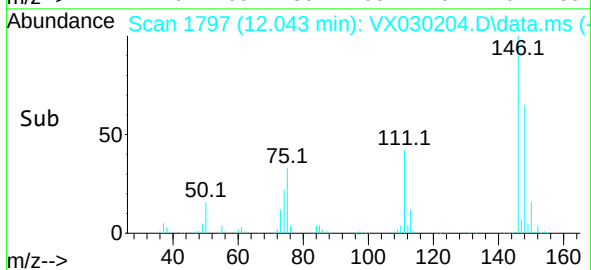
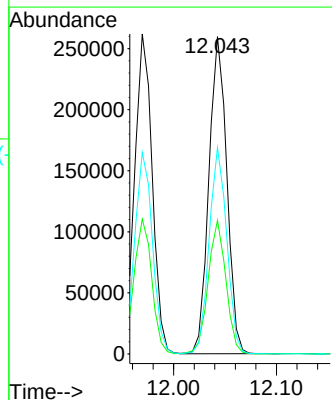
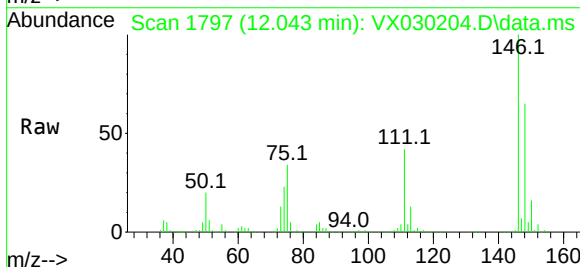
Tgt Ion:146 Resp: 314675

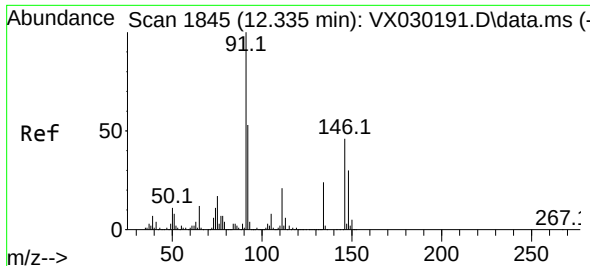
Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

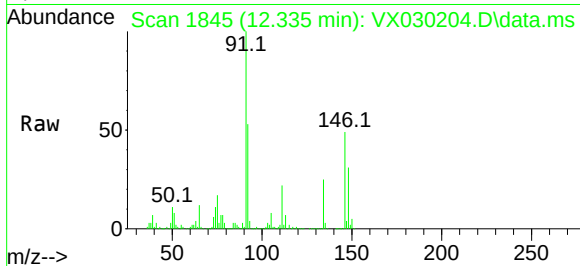
148 64.1 32.3 96.8





#89
n-Butylbenzene
Concen: 56.451 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

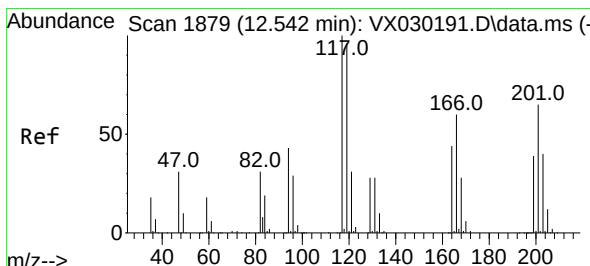
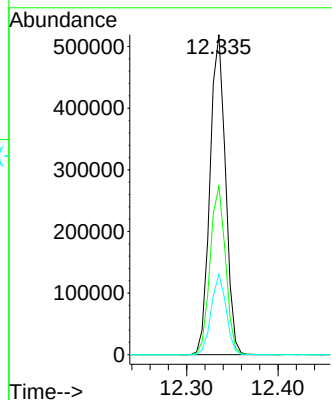
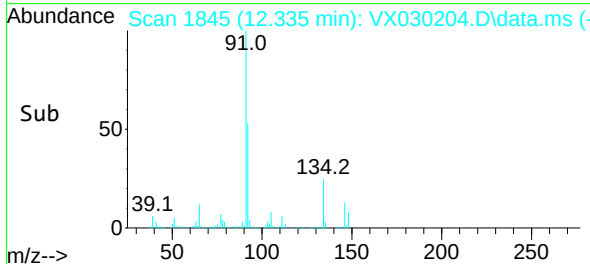
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



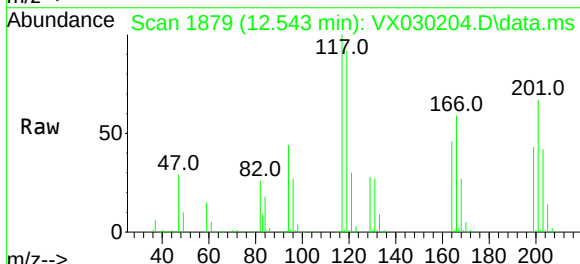
Tgt Ion: 91 Resp: 610919
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 24.2 12.6 37.8

Manual Integrations
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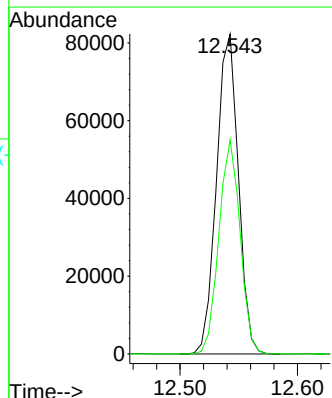
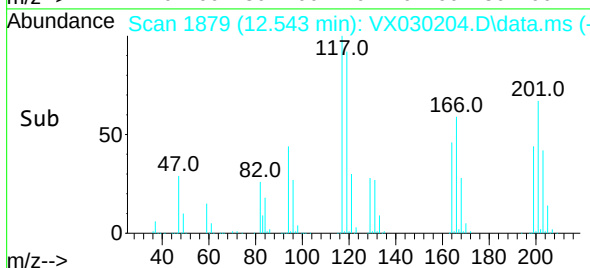
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

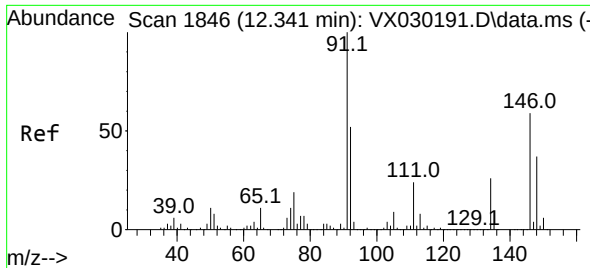


#90
Hexachloroethane
Concen: 53.205 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



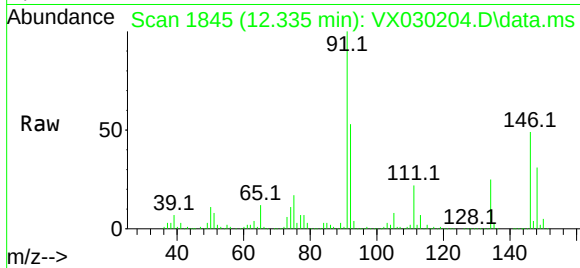
Tgt Ion:117 Resp: 106484
Ion Ratio Lower Upper
117 100
201 65.0 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.987 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

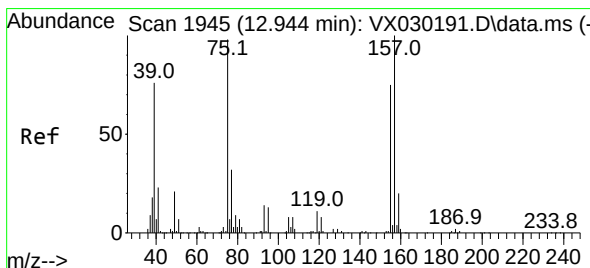
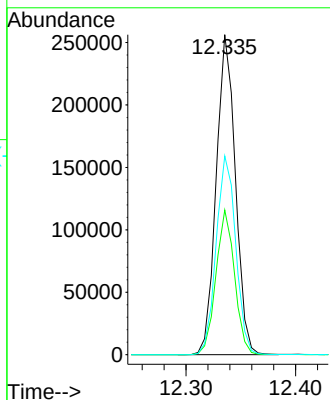
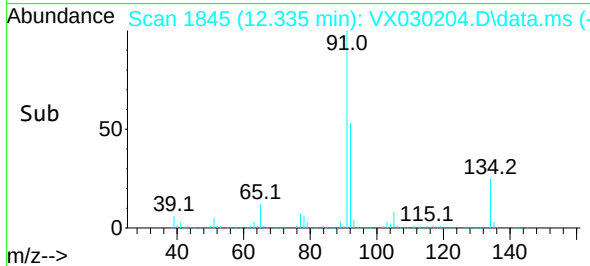
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 31245
Ion Ratio Lower Upper
146 100
111 43.9 20.7 62.1
148 63.4 32.0 96.2

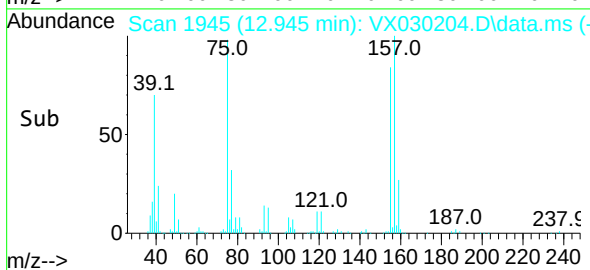
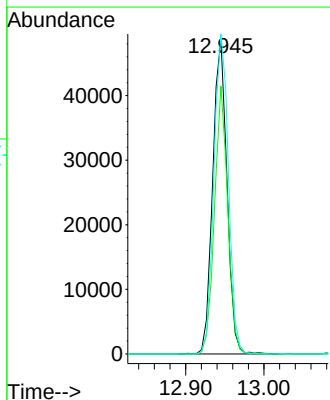
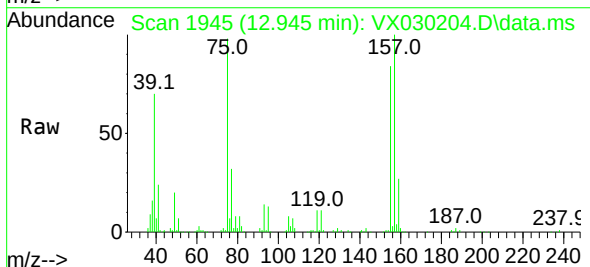
Manual Integrations
APPROVED

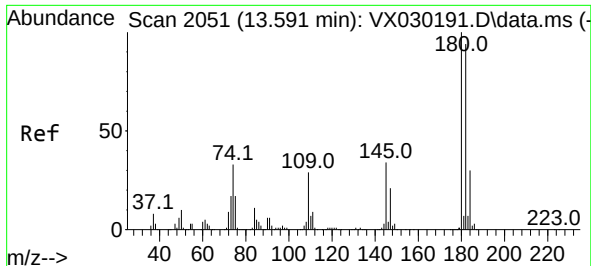
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.189 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

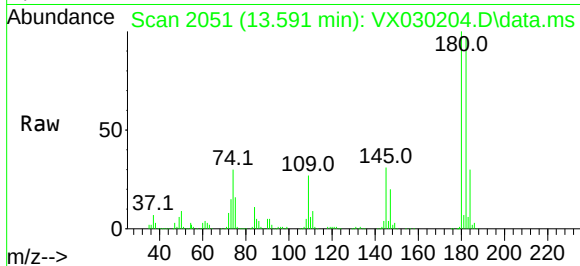
Tgt Ion: 75 Resp: 61463
Ion Ratio Lower Upper
75 100
155 79.5 45.0 134.8
157 103.5 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 55.447 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

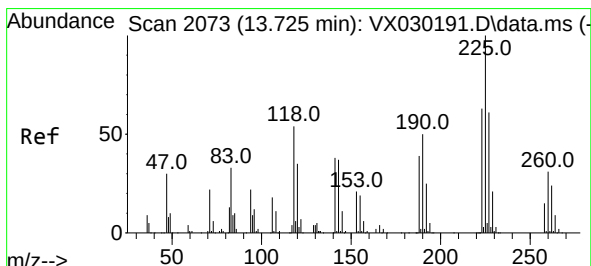
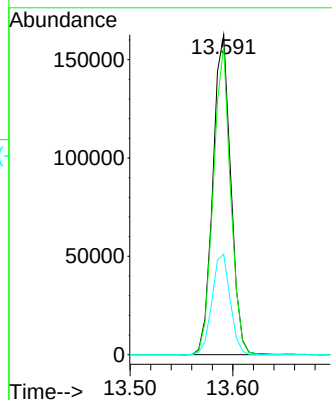
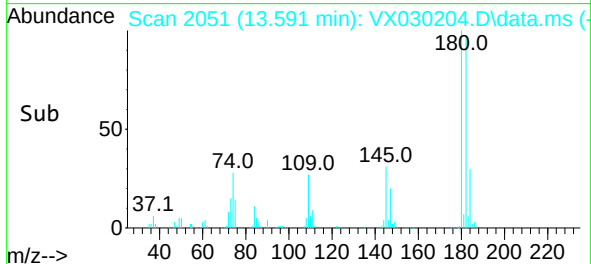
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



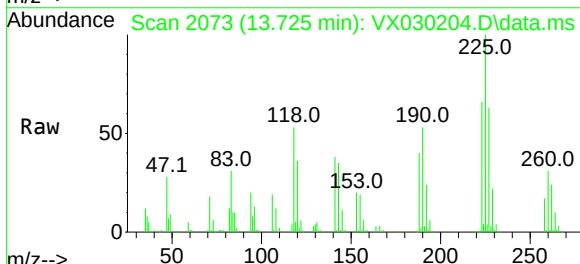
Tgt Ion:180 Resp: 197049
Ion Ratio Lower Upper
180 100
182 92.9 48.2 144.6
145 31.9 15.9 47.6

Manual Integrations
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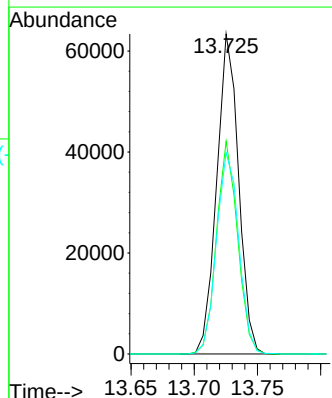
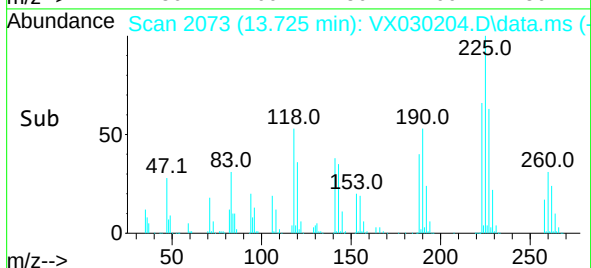
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

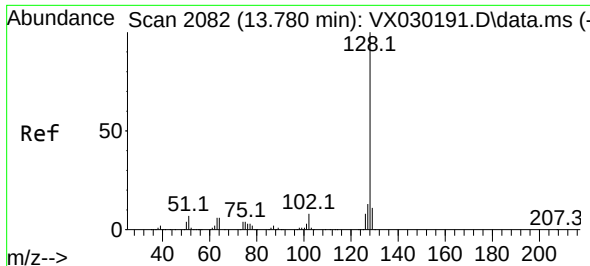


#94
Hexachlorobutadiene
Concen: 53.210 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25



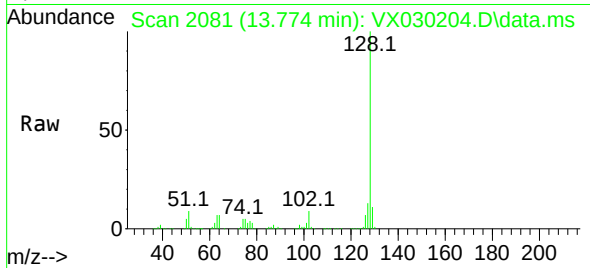
Tgt Ion:225 Resp: 75928
Ion Ratio Lower Upper
225 100
223 64.2 30.6 91.6
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 55.177 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

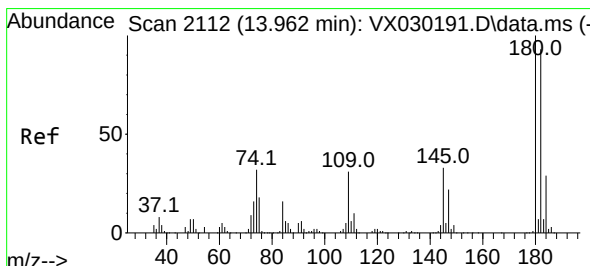
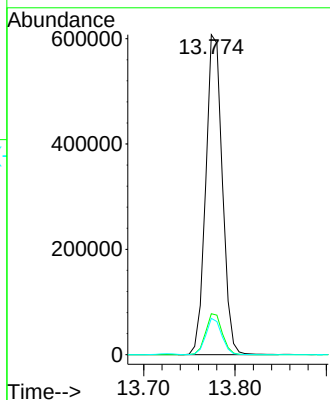
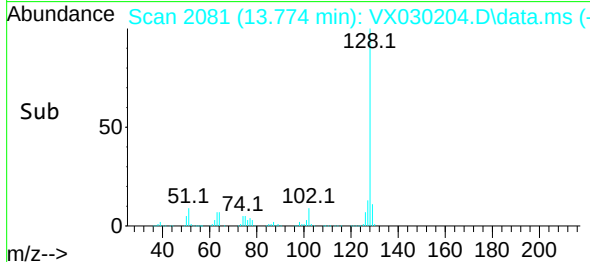
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 765938
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.675 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030204.D
Acq: 26 Jul 2022 10:25

Tgt Ion:180 Resp: 199271
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.0
145 34.3 17.0 50.9

