

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030077.D
 Acq On : 14 Jul 2022 21:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 04:42:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	28416	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	155469	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	141639	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	68857	29.717	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	11.085	95	78347	29.351	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.833%		
63) Toluene-d8	8.653	98	227853	29.667	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36943	19.012	ug/l	98
3) Chloromethane	1.288	50	35816	17.676	ug/l	97
4) Vinyl Chloride	1.374	62	40076	17.454	ug/l	98
5) Bromomethane	1.611	94	18716	19.785	ug/l	99
6) Chloroethane	1.685	64	23140	18.819	ug/l	100
7) Trichlorofluoromethane	1.886	101	54770	18.818	ug/l	97
8) Diethyl Ether	2.136	74	22027	17.793	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	35914	18.326	ug/l	94
10) 1,1-Dichloroethene	2.319	96	36760	18.370	ug/l	89
11) Methyl Iodide	2.453	142	30747	21.443	ug/l	94
12) Methyl Acetate	2.709	43	66039	20.264	ug/l	93
13) Acrolein	2.239	56	27809	72.636	ug/l	100
14) Acrylonitrile	3.068	53	131551	93.789	ug/l	99
15) Acetone	2.392	58	36691	96.301	ug/l	87
16) Carbon Disulfide	2.514	76	85866	16.438	ug/l	98
17) Allyl chloride	2.666	41	62761	17.797	ug/l	91
18) Methylene Chloride	2.788	84	43494	18.656	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	38647	17.797	ug/l	94
20) Diisopropyl ether	3.769	45	131080	18.555	ug/l #	84
21) 1,1-Dichloroethane	3.611	63	70915	18.646	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	47149	18.285	ug/l	95
23) tert-Butyl Alcohol	2.989	59	49076	76.376	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	118503	18.357	ug/l	98
25) Chloroform	5.099	83	72503	19.128	ug/l	98
26) Cyclohexane	5.477	56	62827	17.830	ug/l #	94
29) 1,1-Dichloropropene	5.702	75	51316	19.295	ug/l	99
30) 2-Butanone	4.568	43	181041	100.851	ug/l	100
31) 2,2-Dichloropropane	4.483	77	35573	13.994	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	57555	20.126	ug/l #	86
33) Carbon Tetrachloride	5.678	117	47592	19.815	ug/l	98
34) Benzene	6.043	78	168567	19.723	ug/l #	95
35) Methacrylonitrile	4.928	41	36531	20.105	ug/l	92
36) 1,2-Dichloroethane	6.092	62	52918	20.340	ug/l	97
37) Trichloroethene	7.129	130	44705	19.558	ug/l	97
38) Methylcyclohexane	7.385	83	65298	18.922	ug/l	95
39) 1,2-Dichloropropane	7.433	63	41515	19.082	ug/l	93
40) Dibromomethane	7.586	93	29007	19.669	ug/l	92
41) Bromodichloromethane	7.830	83	53560	20.332	ug/l	100
42) Vinyl Acetate	3.727	43	555236	96.719	ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	67514	19.966	ug/l	99
44) Isopropyl Acetate	6.348	43	98838	19.241	ug/l	99
45) 1,4-Dioxane	7.683	88	24101	399.664	ug/l	97
46) Methyl methacrylate	7.696	41	48381	19.874	ug/l	97
47) n-amyl Acetate	10.841	43	77841	17.639	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	50821	17.457	ug/l	92
49) cis-1,3-Dichloropropene	8.372	75	57932	17.721	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	44537	20.385	ug/l	98
51) Ethyl methacrylate	9.122	69	64393	18.940	ug/l	98
52) 1,3-Dichloropropane	9.311	76	70110	19.949	ug/l	98
53) Dibromochloromethane	9.525	129	39245	19.407	ug/l	98
54) 1,2-Dibromoethane	9.610	107	45000	19.834	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	177384	101.214	ug/l	96
56) Bromoform	10.799	173	26924	19.019	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	345392	98.723	ug/l	98
59) 2-Hexanone	9.433	43	266396	98.446	ug/l	99
61) Tetrachloroethene	9.275	164	45048	21.182	ug/l	93
62) Toluene	8.720	91	178925	18.990	ug/l	97
64) Chlorobenzene	10.079	112	108123	19.215	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	37872	19.302	ug/l	96
66) Ethyl Benzene	10.195	91	191973	19.173	ug/l	99
67) m/p-Xylenes	10.305	106	148652	38.260	ug/l	98
68) o-Xylene	10.646	106	73215	18.923	ug/l	100
69) Styrene	10.659	104	122133	19.075	ug/l	97
70) Isopropylbenzene	10.963	105	187614	19.259	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	64882	18.315	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	59327m	18.631	ug/l	
73) Bromobenzene	11.201	156	43490	18.618	ug/l	89
74) n-propylbenzene	11.305	91	217276	18.593	ug/l	97
75) 2-Chlorotoluene	11.366	91	130961	19.031	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	152324	18.624	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	16336	14.915	ug/l	91
78) 4-Chlorotoluene	11.457	91	143324	18.557	ug/l	99
79) tert-butylbenzene	11.713	119	145450	18.280	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	153437	18.248	ug/l	99
81) sec-Butylbenzene	11.890	105	196309	18.227	ug/l	98
82) p-Isopropyltoluene	12.012	119	157385	18.152	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	83313	18.434	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	81684	17.821	ug/l	99
85) n-Butylbenzene	12.335	91	142036	17.457	ug/l	94
86) Hexachloroethane	12.542	117	25372	17.613	ug/l	82
87) 1,2-Dichlorobenzene	12.335	146	85273	19.108	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14915	18.462	ug/l	85
89) 1,2,4-Trichlorobenzene	13.591	180	48343	17.496	ug/l	99
90) Hexachlorobutadiene	13.725	225	18779	17.920	ug/l	100
91) Naphthalene	13.780	128	200083	18.167	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	50513	17.947	ug/l	99

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

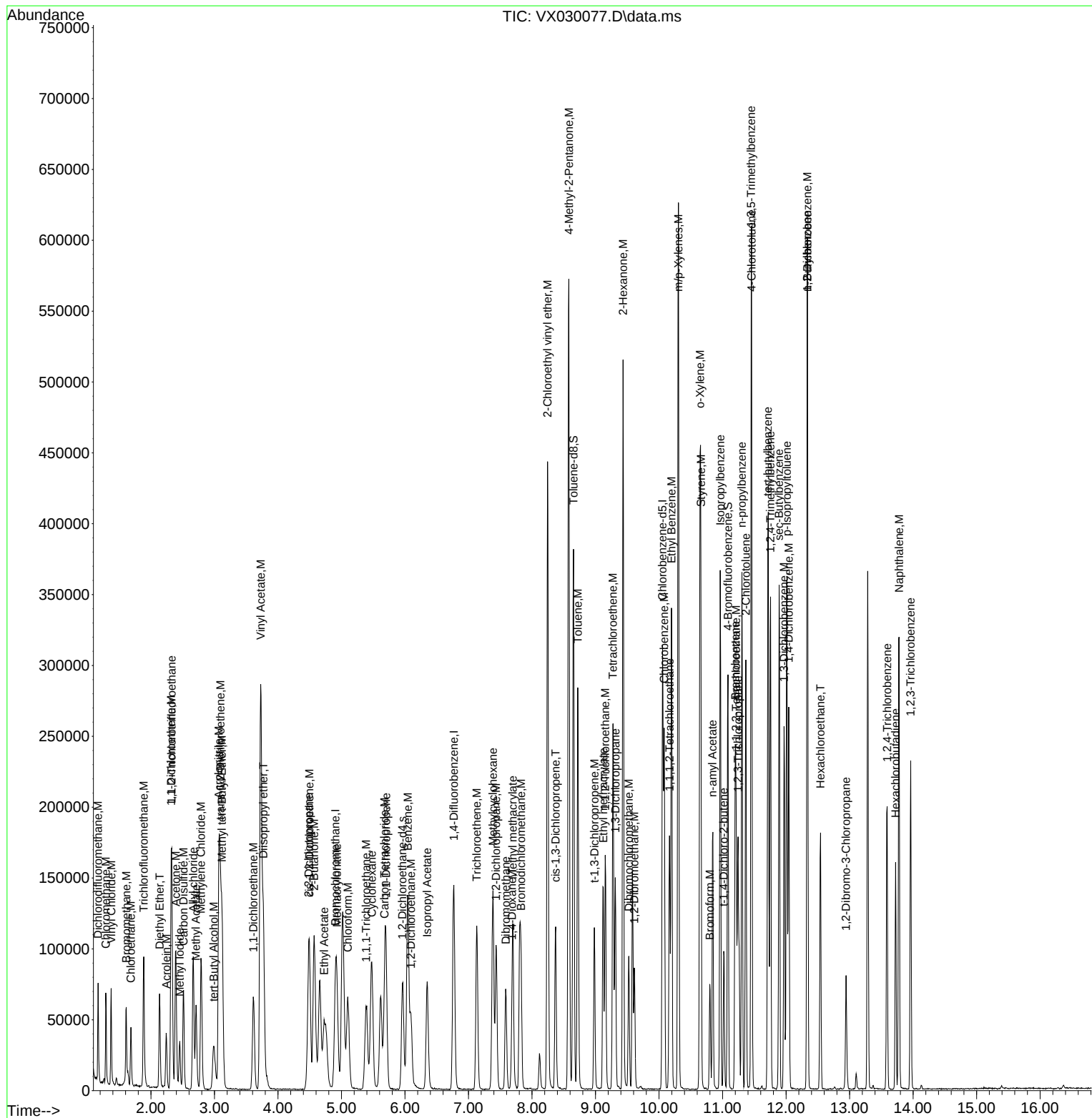
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
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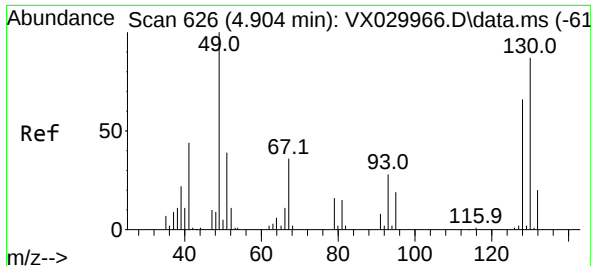
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Manual Integrations APPROVED

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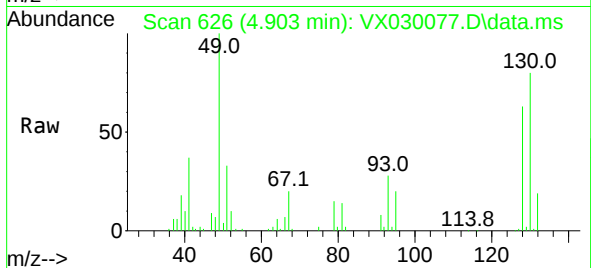
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 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

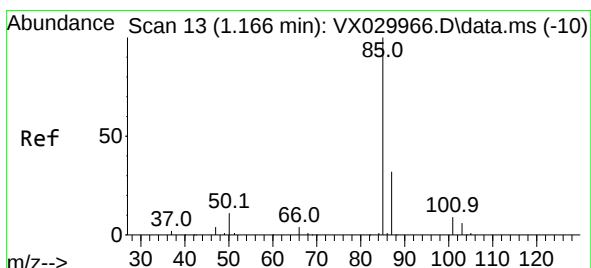
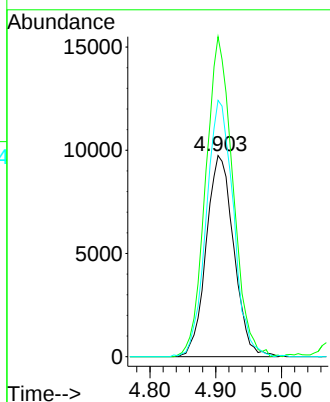
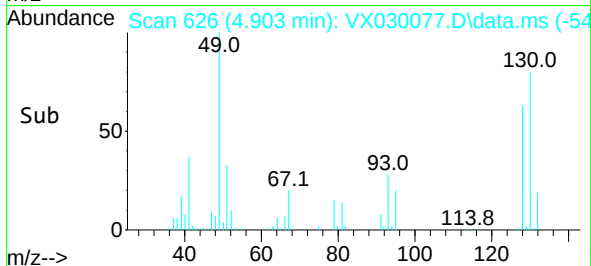
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 28410
Ion Ratio Lower Upper
128 100
49 156.2 0.0 358.3
130 125.8 0.0 319.3

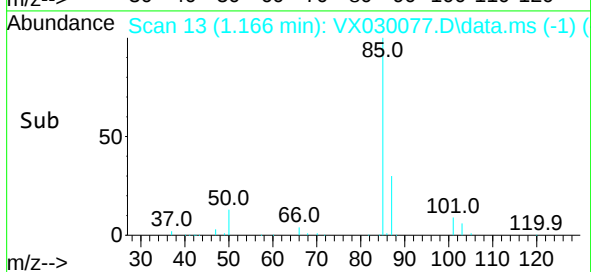
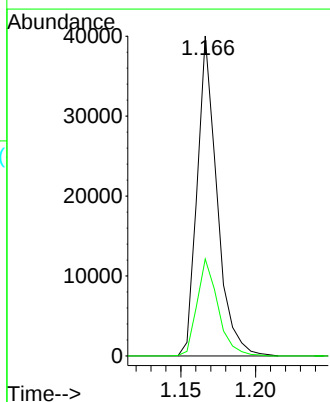
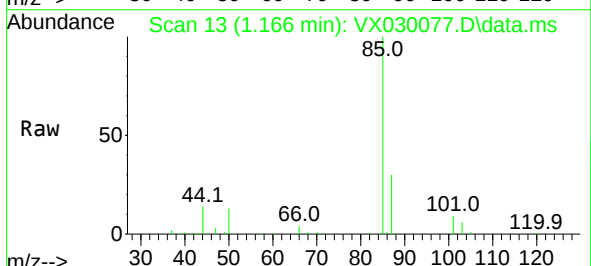
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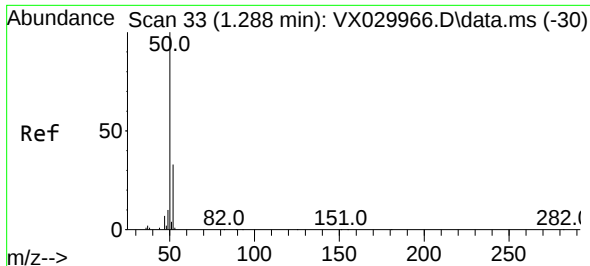
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 19.012 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

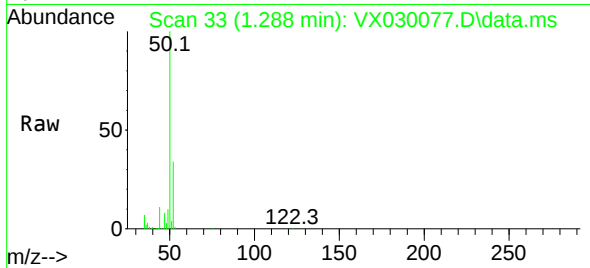
Tgt Ion: 85 Resp: 36943
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.8





#3
Chloromethane
Concen: 17.676 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

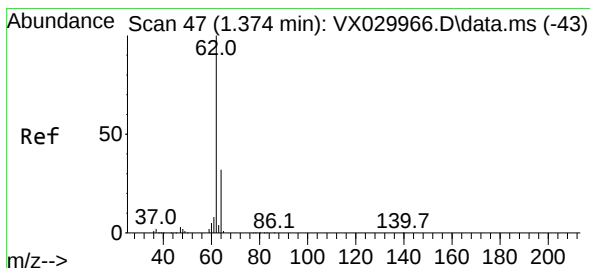
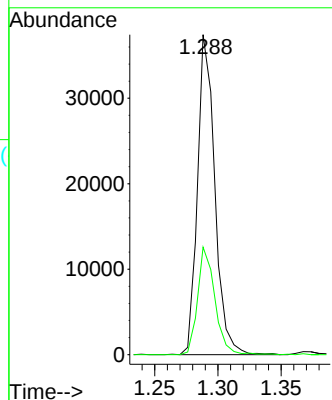
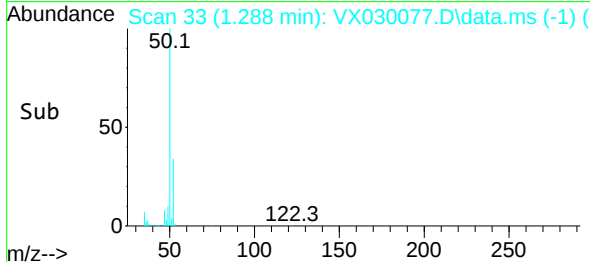
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Tgt Ion: 50 Resp: 35810
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4

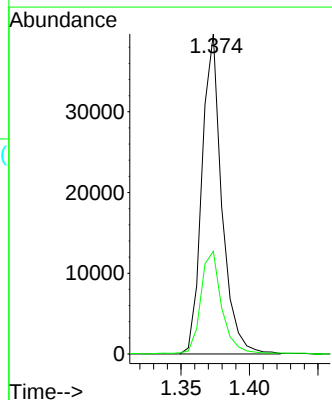
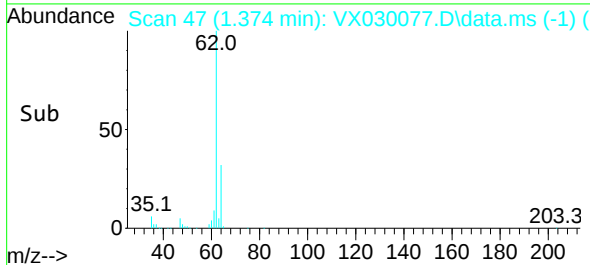
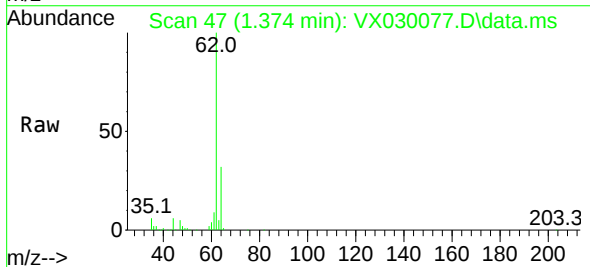
Manual Integrations
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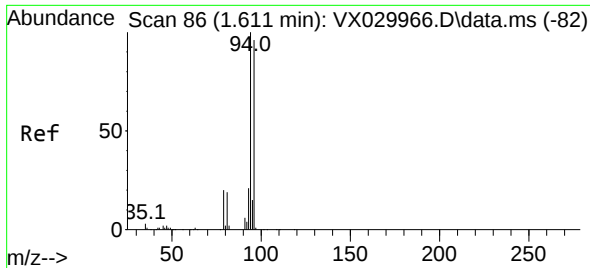
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 17.454 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

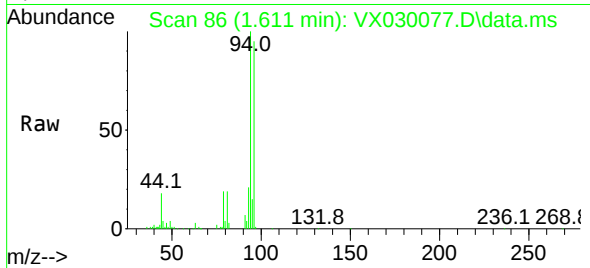
Tgt Ion: 62 Resp: 40076
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 19.785 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

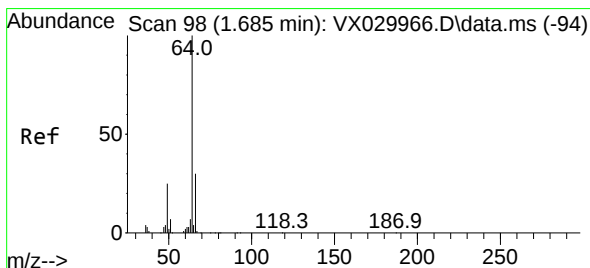
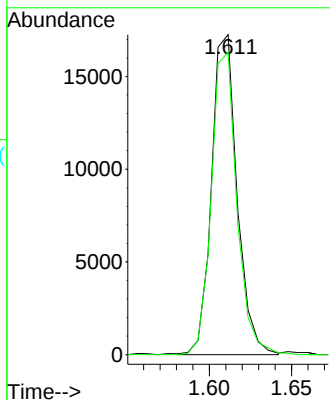
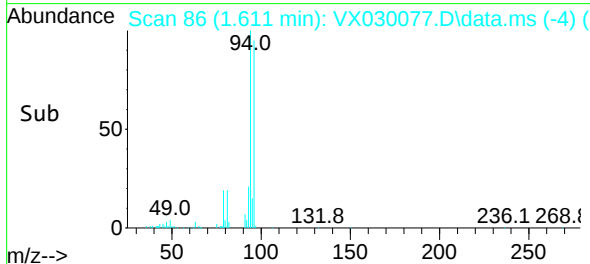
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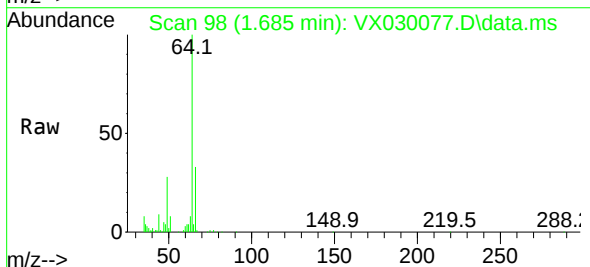
Tgt Ion: 94 Resp: 18710
Ion Ratio Lower Upper
94 100
96 94.9 77.0 115.6

Manual Integrations
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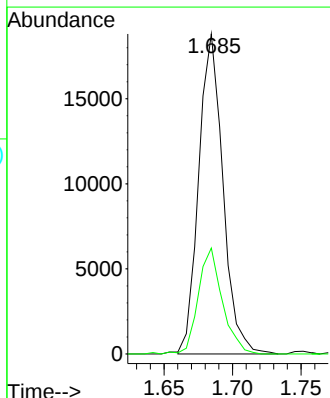
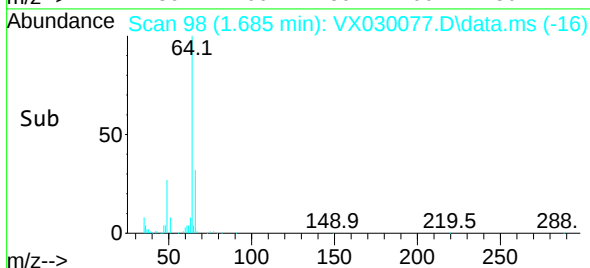
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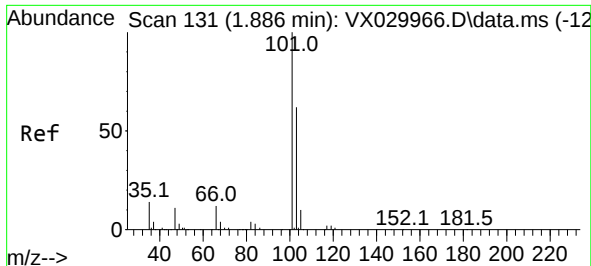


#6
Chloroethane
Concen: 18.819 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030077.D
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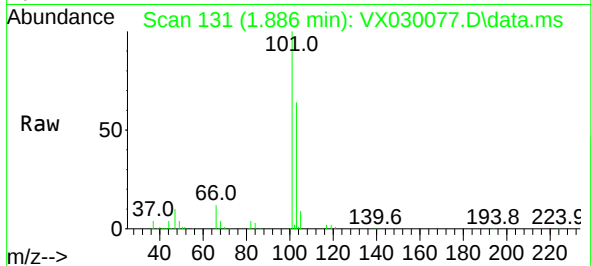
Tgt Ion: 64 Resp: 23140
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.818 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030077.D
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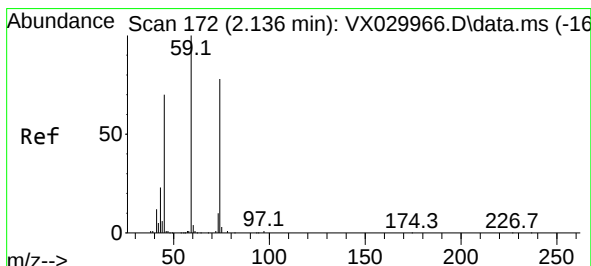
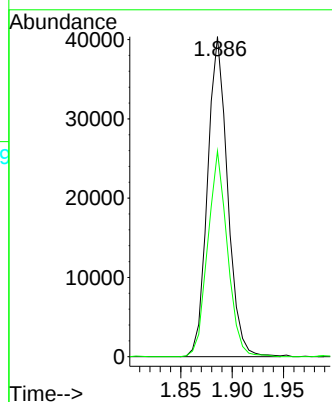
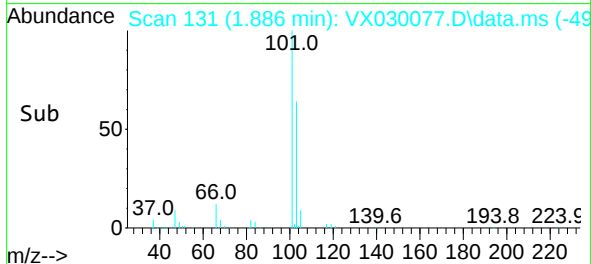
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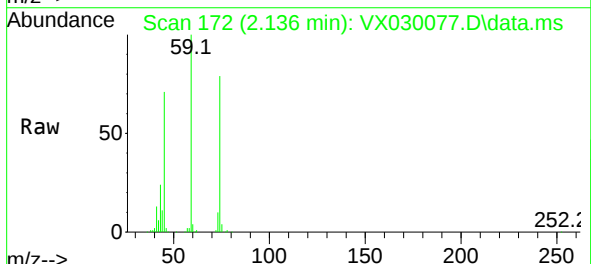
Tgt Ion:101 Resp: 54770
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.6 74.4

Manual Integrations
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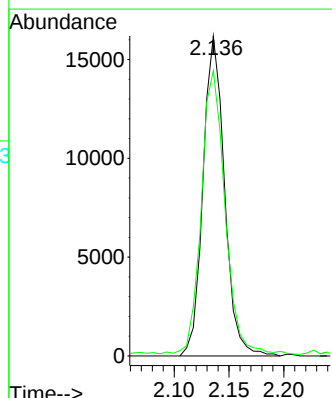
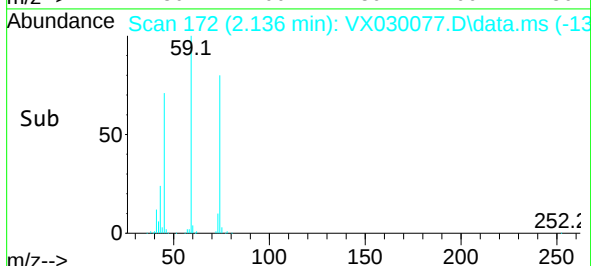
Reviewed By :John Carlone 07/15/2022
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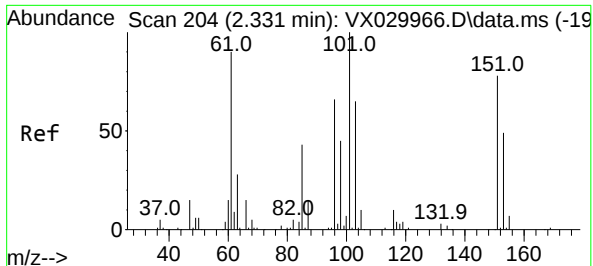


#8
 Diethyl Ether
 Concen: 17.793 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030077.D
 Acq: 14 Jul 2022 21:38



Tgt Ion: 74 Resp: 22027
 Ion Ratio Lower Upper
 74 100
 45 98.5 18.7 168.7





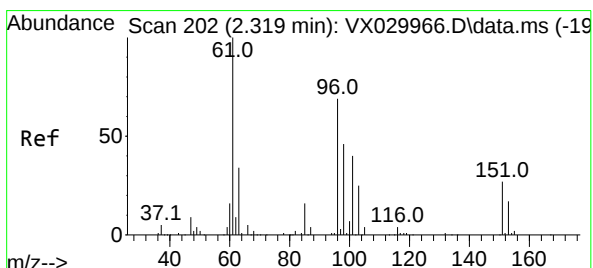
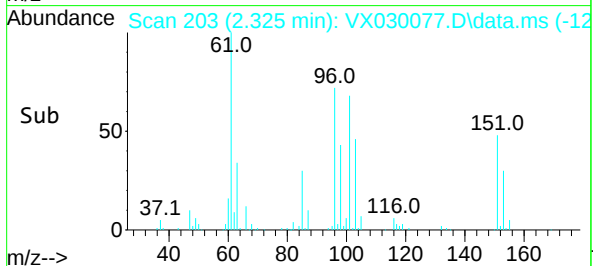
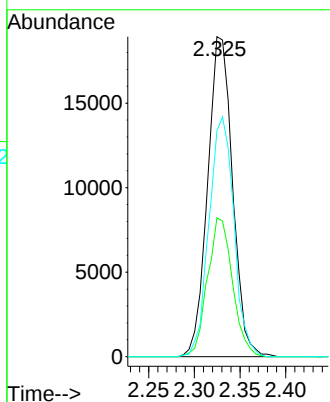
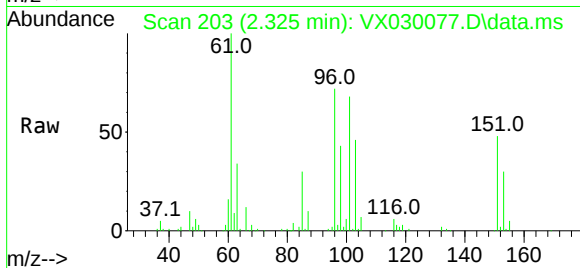
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1,1,2-Trichlorotrifluoroethane
Concen: 18.326 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030077.D
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MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 35914
Ion Ratio Lower Upper
101 100
85 43.5 0.0 84.6
151 74.9 0.0 165.4

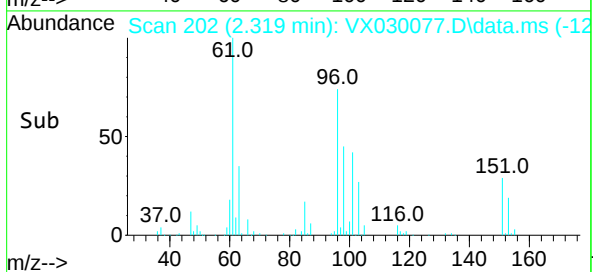
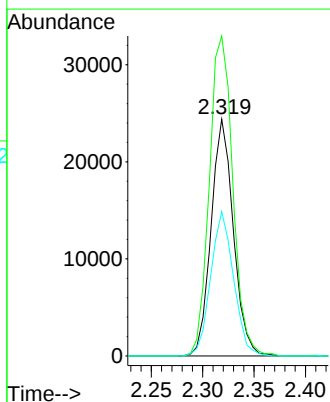
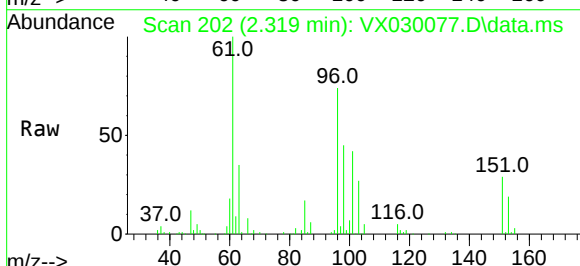
Manual Integrations
APPROVED

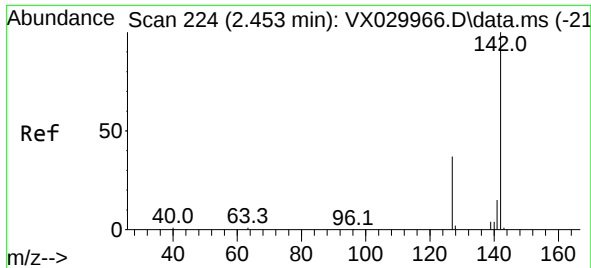
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
1,1-Dichloroethene
Concen: 18.370 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

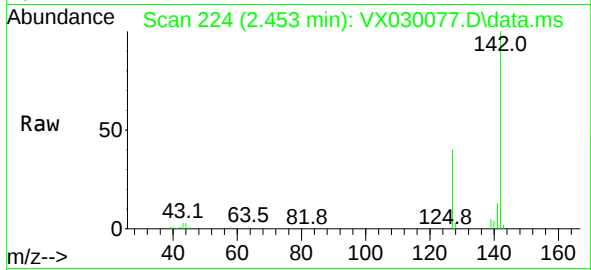
Tgt Ion: 96 Resp: 36760
Ion Ratio Lower Upper
96 100
61 135.1 122.6 183.8
98 61.0 50.1 75.1





#11
Methyl Iodide
Concen: 21.443 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

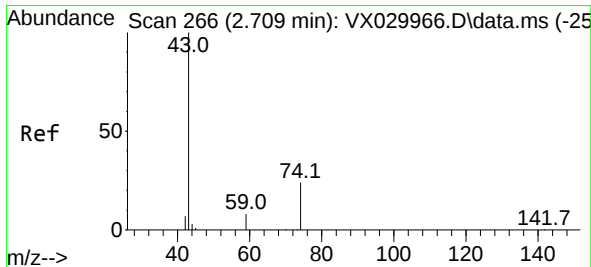
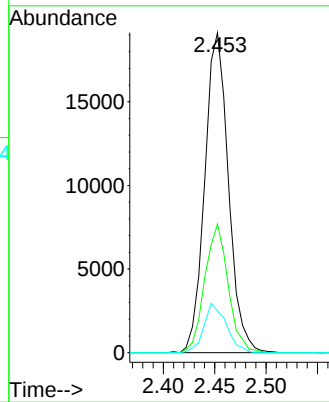
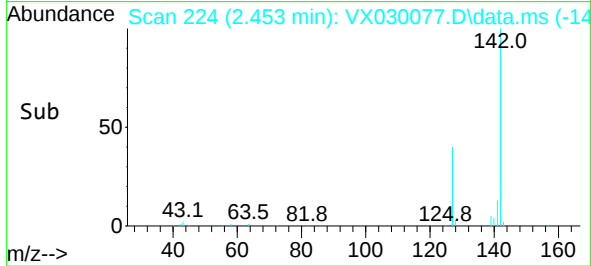
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



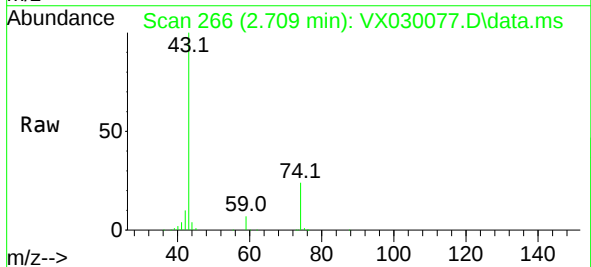
Tgt Ion:142 Resp: 3074
Ion Ratio Lower Upper
142 100
127 40.2 22.3 66.9
141 13.1 7.0 20.9

Manual Integrations
APPROVED

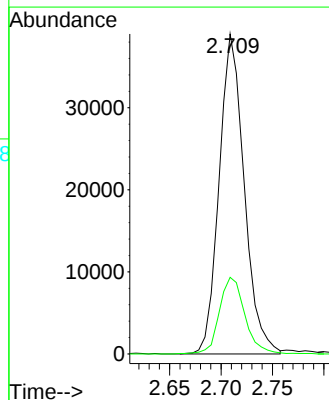
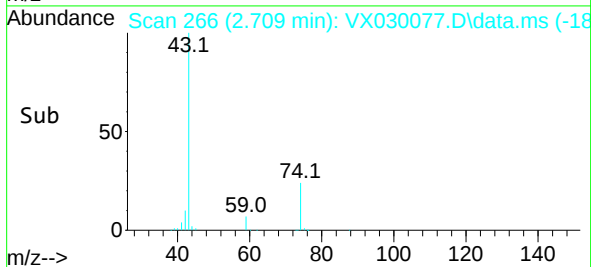
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

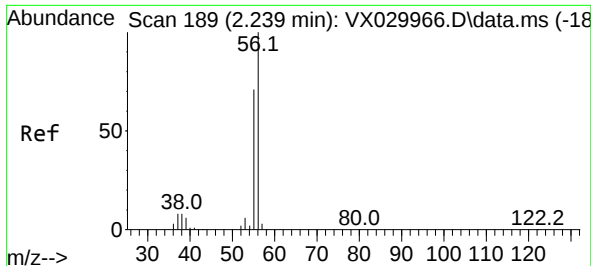


#12
Methyl Acetate
Concen: 20.264 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



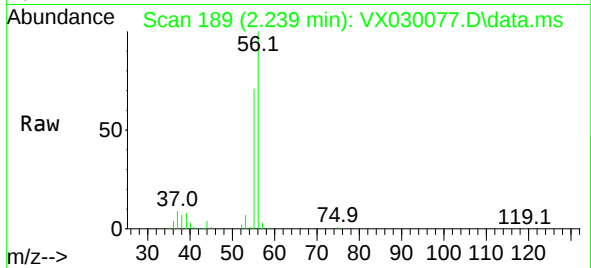
Tgt Ion: 43 Resp: 66039
Ion Ratio Lower Upper
43 100
74 23.8 22.1 33.1





#13
Acrolein
Concen: 72.636 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

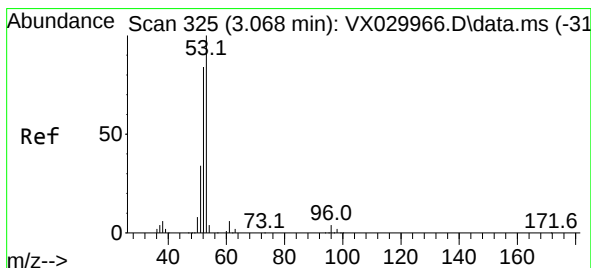
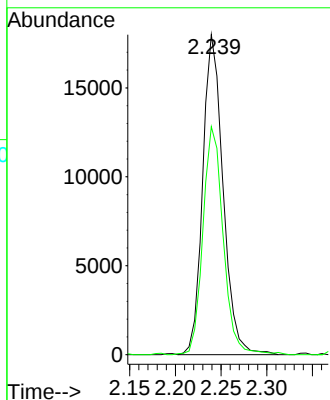
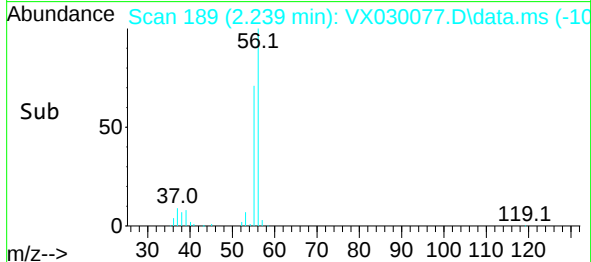
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



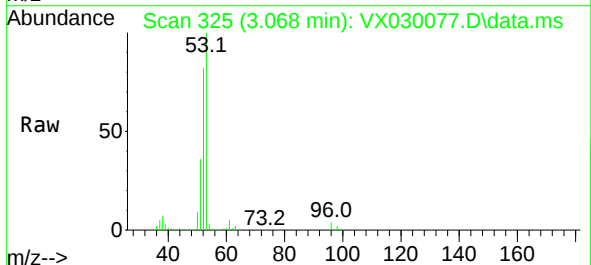
Tgt Ion: 56 Resp: 27809
Ion Ratio Lower Upper
56 100
55 70.6 56.4 84.6

Manual Integrations
APPROVED

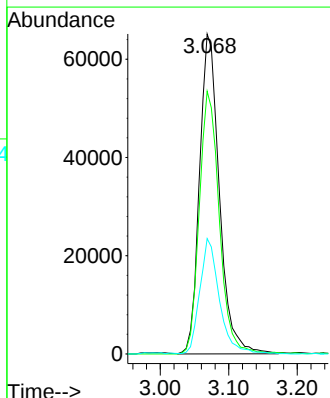
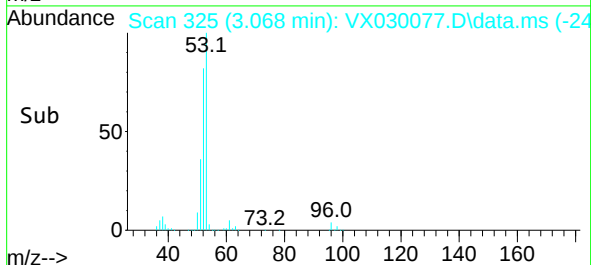
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

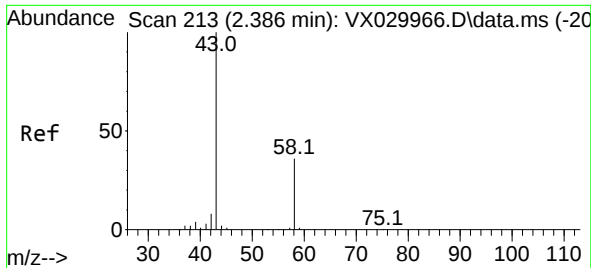


#14
Acrylonitrile
Concen: 93.789 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



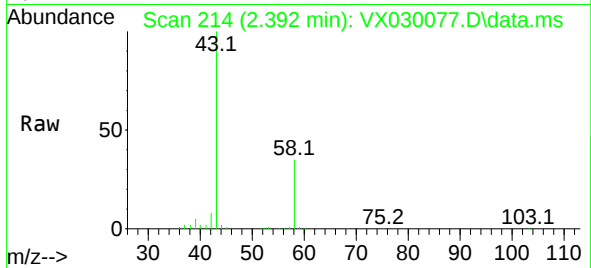
Tgt Ion: 53 Resp: 131551
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.5
51 34.8 18.1 54.4





#15
Acetone
Concen: 96.301 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

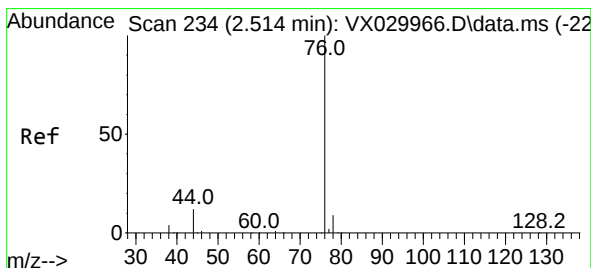
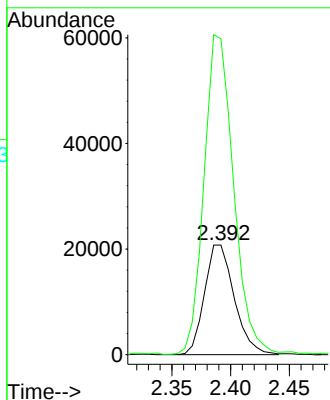
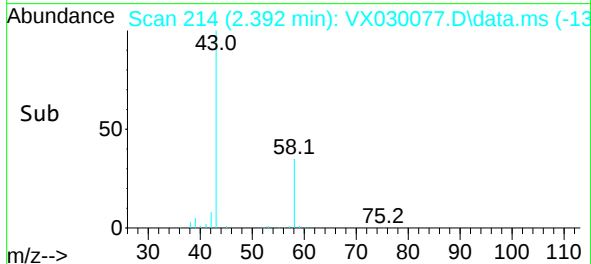
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 3669
Ion Ratio Lower Upper
58 100
43 286.9 250.2 375.2

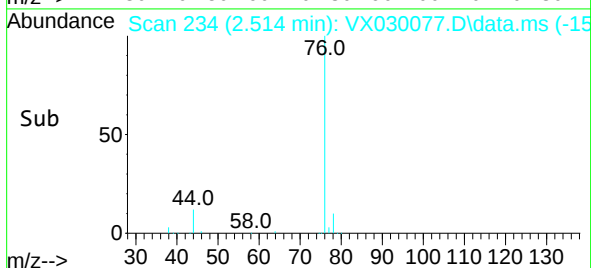
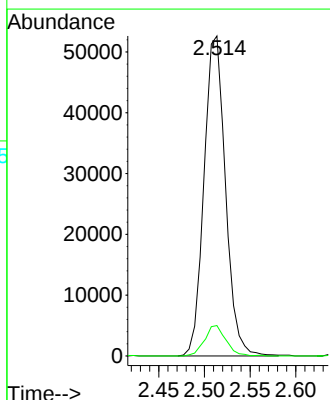
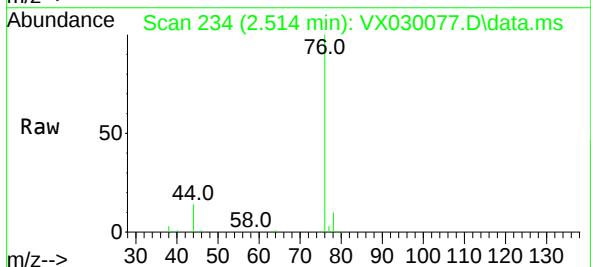
Manual Integrations
APPROVED

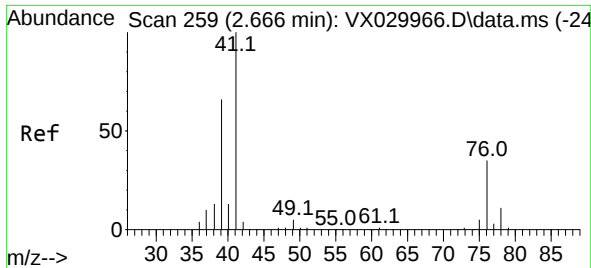
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#16
Carbon Disulfide
Concen: 16.438 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

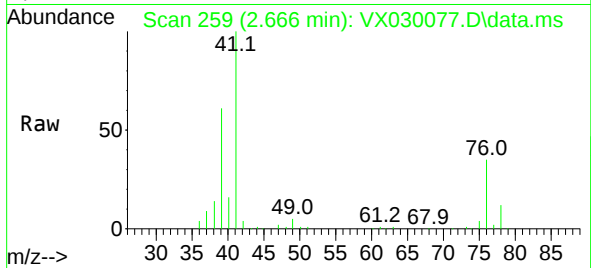
Tgt Ion: 76 Resp: 85866
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





#17
 Allyl chloride
 Concen: 17.797 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX030077.D
 Acq: 14 Jul 2022 21:38

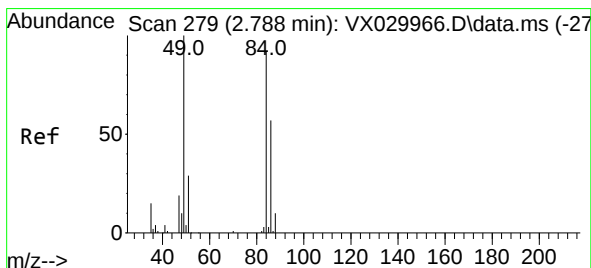
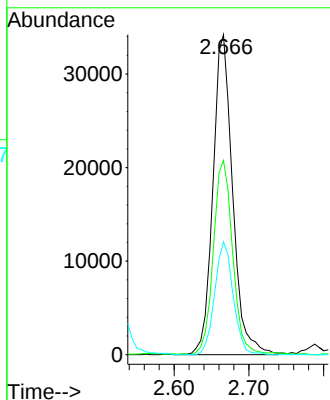
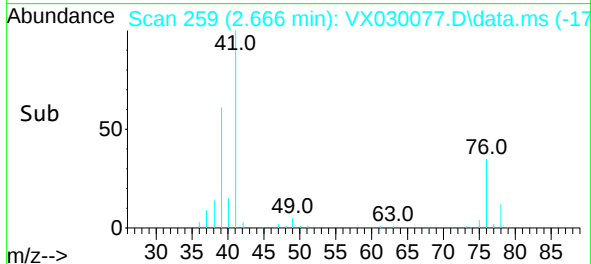
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



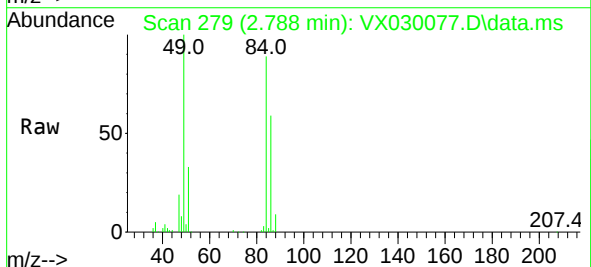
Tgt Ion: 41 Resp: 6276
 Ion Ratio Lower Upper
 41 100
 39 60.5 35.4 106.1
 76 35.3 18.4 55.4

Manual Integrations
 APPROVED

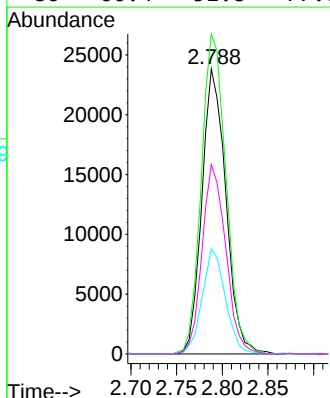
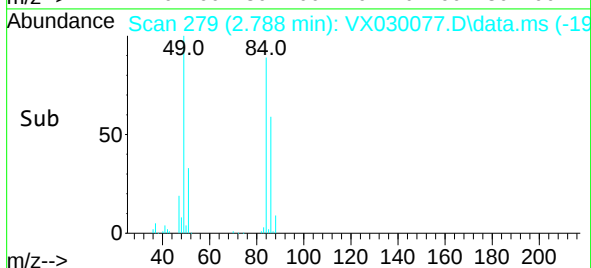
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

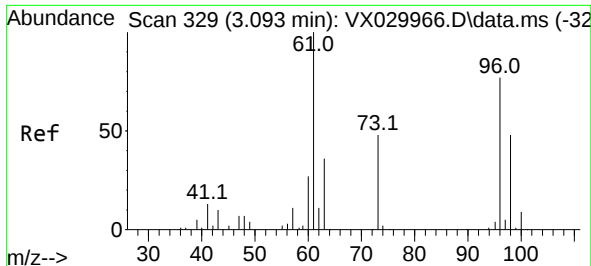


#18
 Methylene Chloride
 Concen: 18.656 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX030077.D
 Acq: 14 Jul 2022 21:38



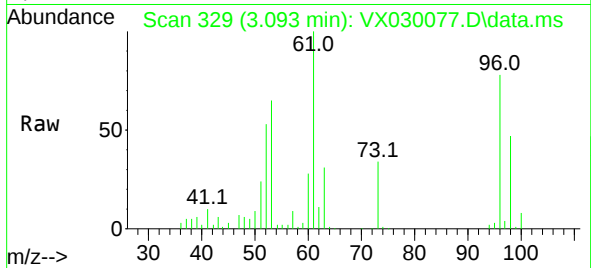
Tgt Ion: 84 Resp: 43494
 Ion Ratio Lower Upper
 84 100
 49 112.3 94.2 141.2
 51 36.7 29.2 43.8
 86 66.4 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 17.797 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

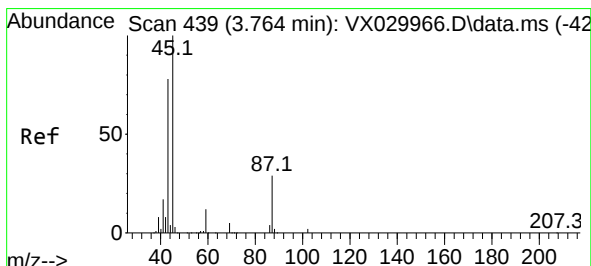
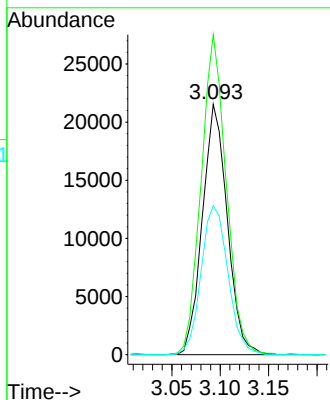
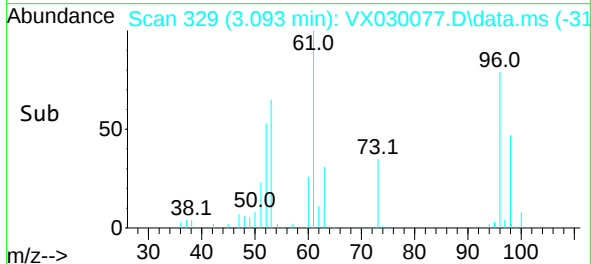
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



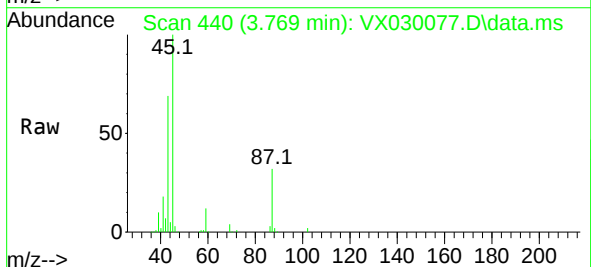
Tgt Ion: 96 Resp: 3864
Ion Ratio Lower Upper
96 100
61 127.8 108.7 163.1
98 59.5 49.2 73.8

Manual Integrations
APPROVED

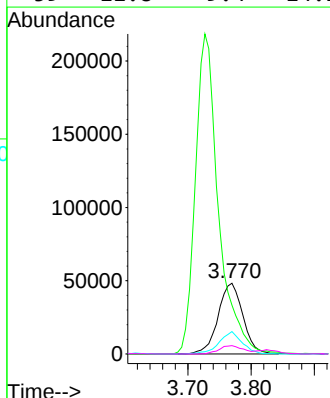
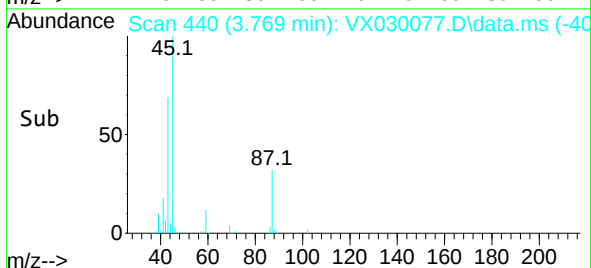
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

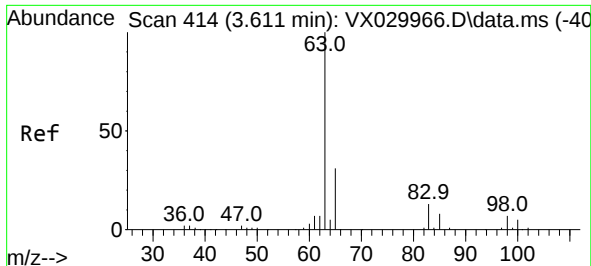


#20
Diisopropyl ether
Concen: 18.555 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



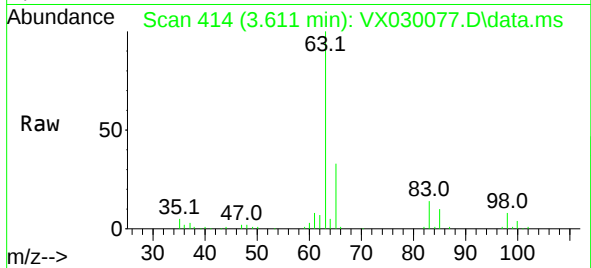
Tgt Ion: 45 Resp: 131080
Ion Ratio Lower Upper
45 100
43 66.5 70.3 105.5#
87 31.6 24.5 36.7
59 11.8 9.4 14.2





#21
1,1-Dichloroethane
Concen: 18.646 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

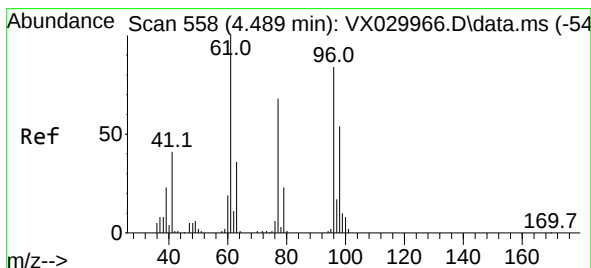
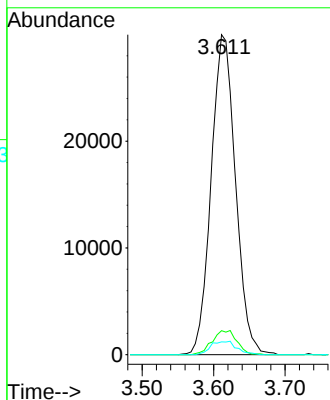
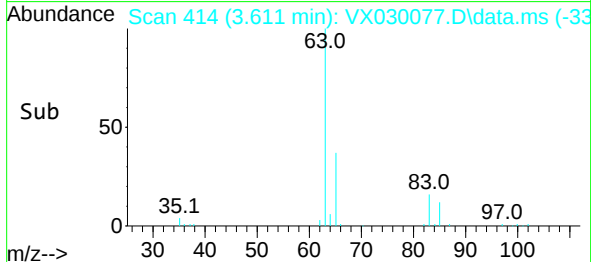
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



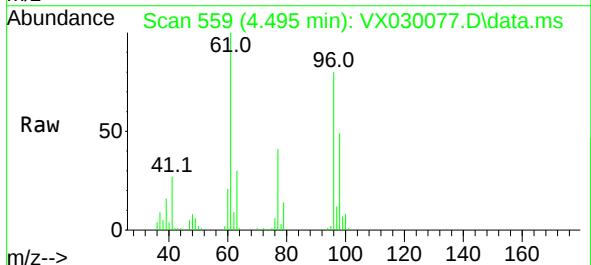
Tgt Ion: 63 Resp: 70915
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 4.0 2.5 7.5

Manual Integrations
APPROVED

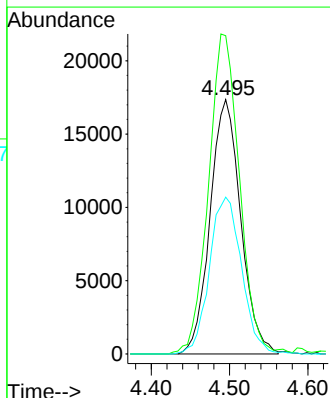
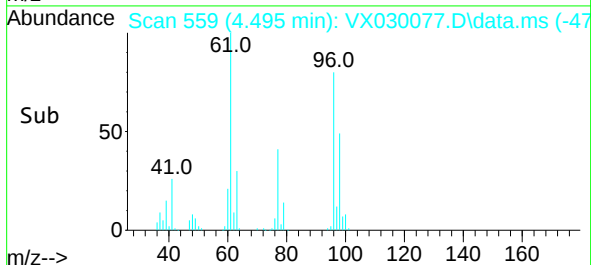
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

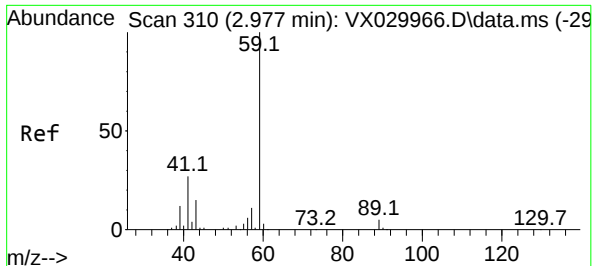


#22
cis-1,2-Dichloroethene
Concen: 18.285 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



Tgt Ion: 96 Resp: 47149
Ion Ratio Lower Upper
96 100
61 126.8 107.4 161.2
98 64.6 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 76.376 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 49070

Ion Ratio Lower Upper

59 100

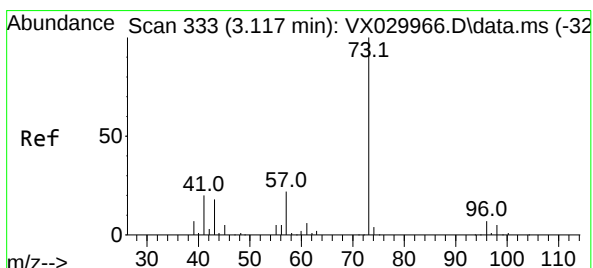
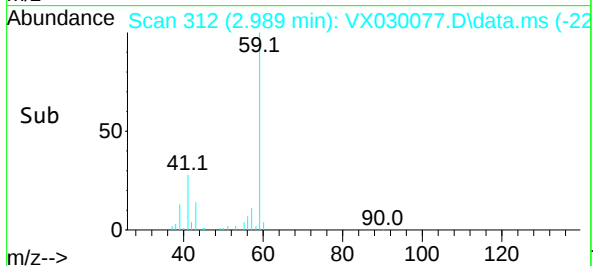
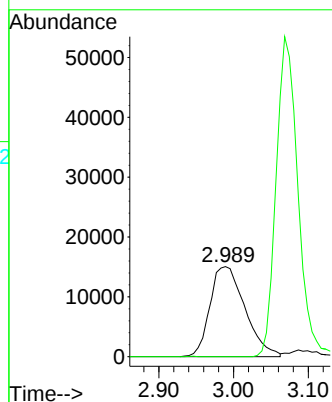
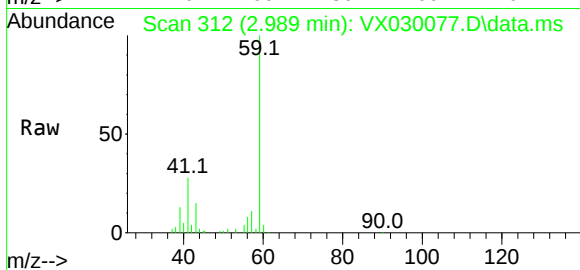
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#24

Methyl tert-Butyl Ether

Concen: 18.357 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX030077.D

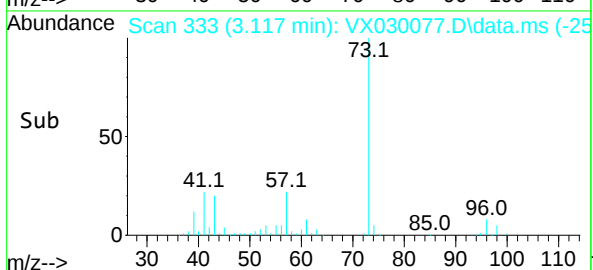
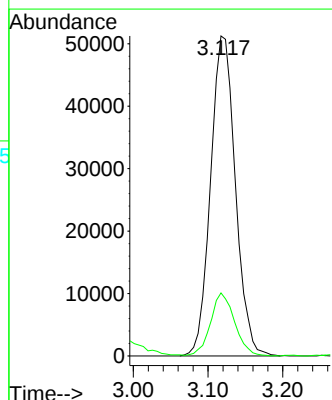
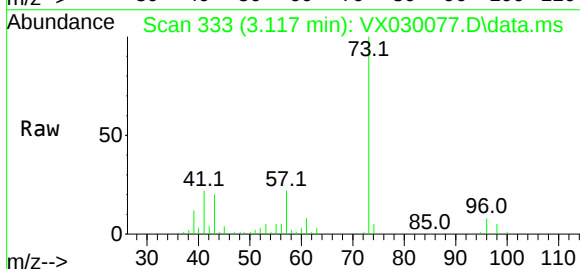
Acq: 14 Jul 2022 21:38

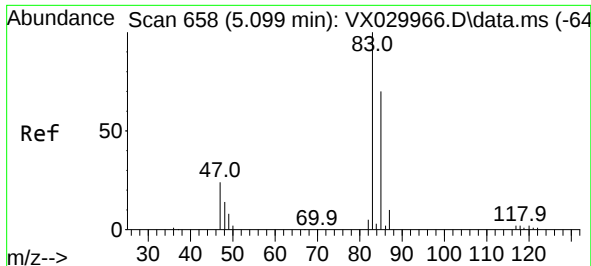
Tgt Ion: 73 Resp: 118503

Ion Ratio Lower Upper

73 100

43 19.2 16.0 24.0





#25

Chloroform

Concen: 19.128 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 7250

Ion Ratio Lower Upper

83 100

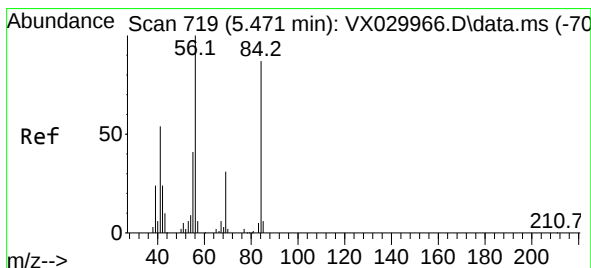
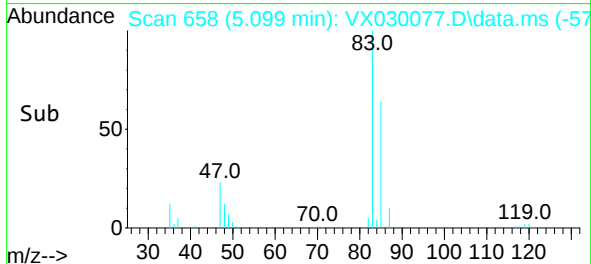
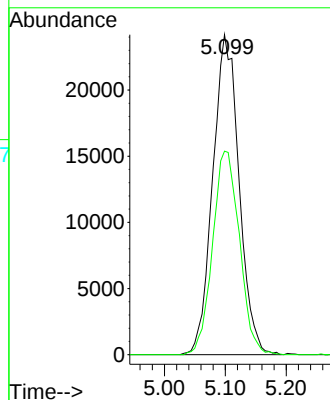
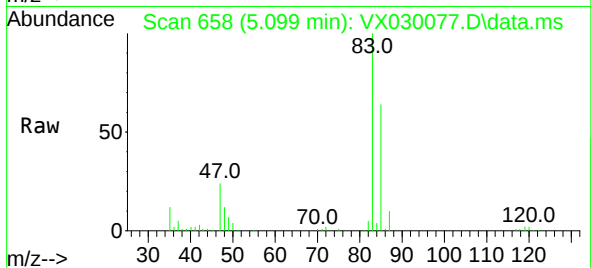
85 63.6 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#26

Cyclohexane

Concen: 17.830 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

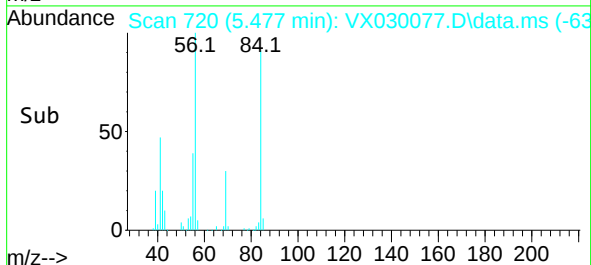
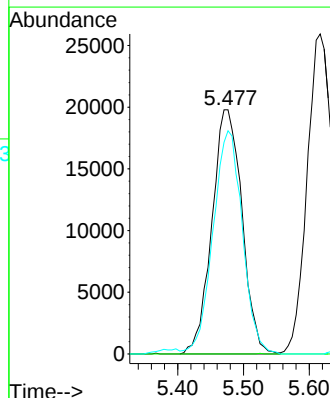
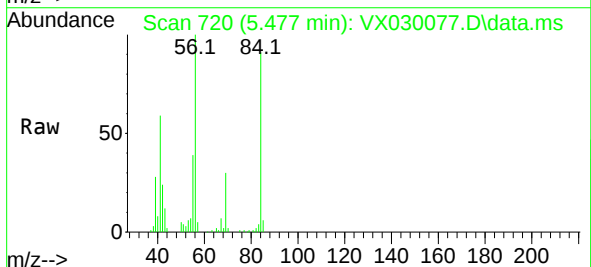
Tgt Ion: 56 Resp: 62827

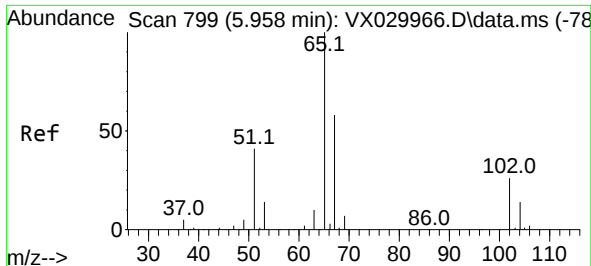
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

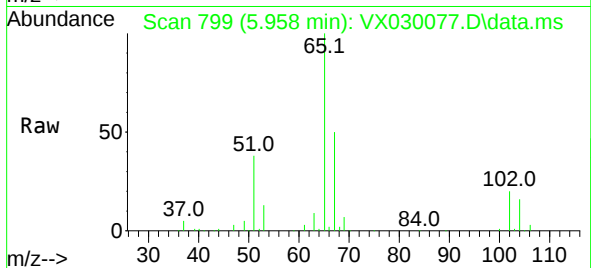
84 89.4 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 29.717 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

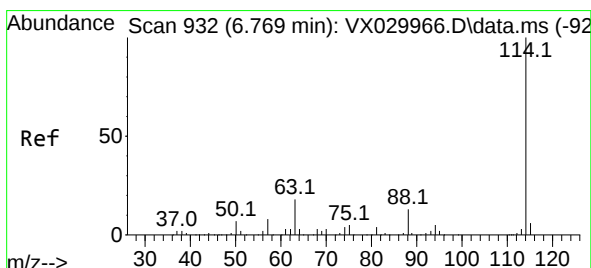
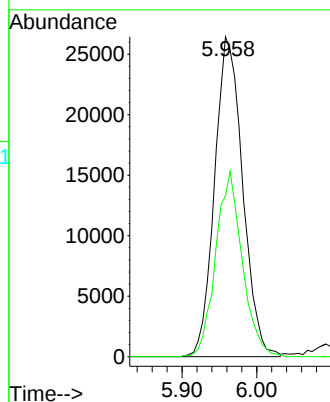
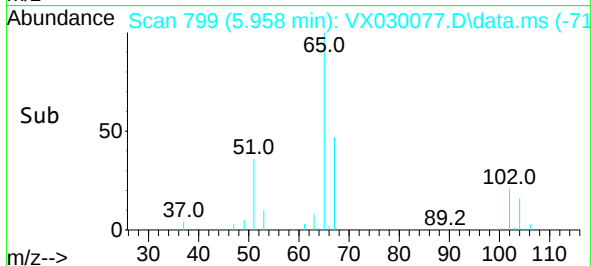
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



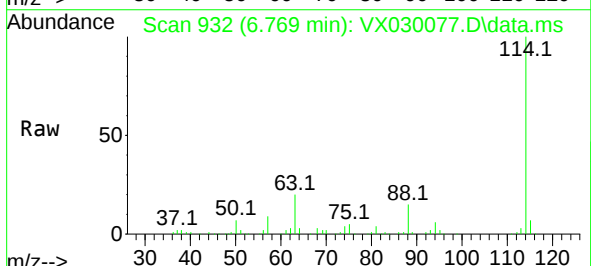
Tgt Ion: 65 Resp: 6885
Ion Ratio Lower Upper
65 100
67 55.0 42.3 63.5

Manual Integrations
APPROVED

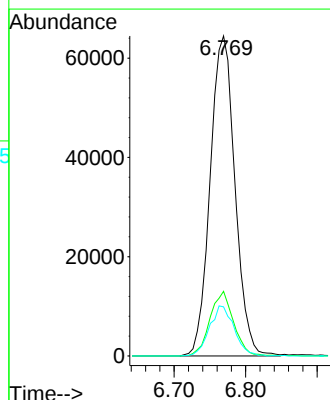
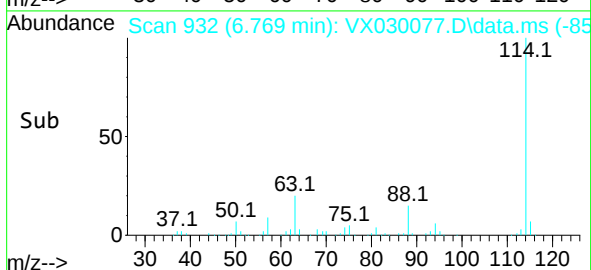
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

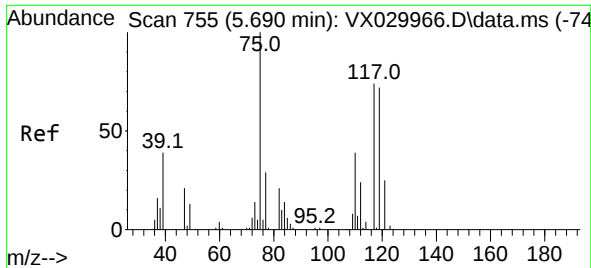


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



Tgt Ion:114 Resp: 155469
Ion Ratio Lower Upper
114 100
63 19.2 15.3 22.9
88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.295 ug/l

RT: 5.702 min Scan# 751

Delta R.T. 0.012 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

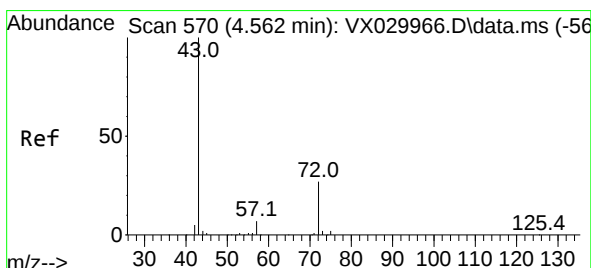
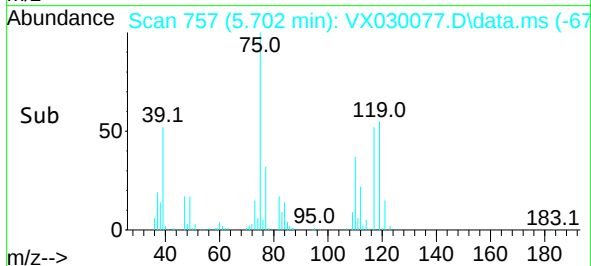
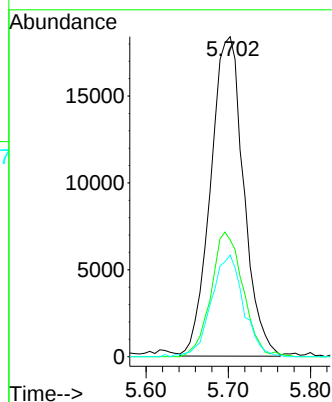
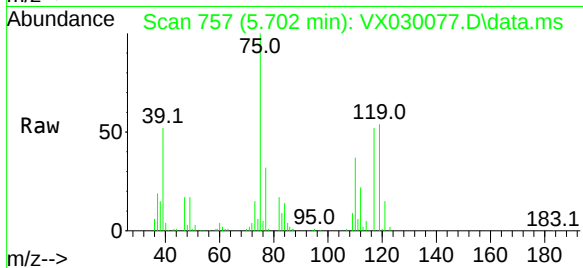
Tgt Ion:	75	Resp:	51310
Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	73.6
77	30.9	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

2-Butanone

Concen: 100.851 ug/l

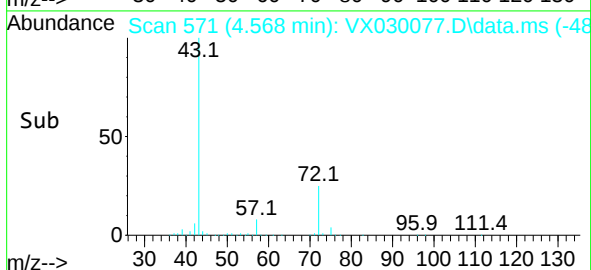
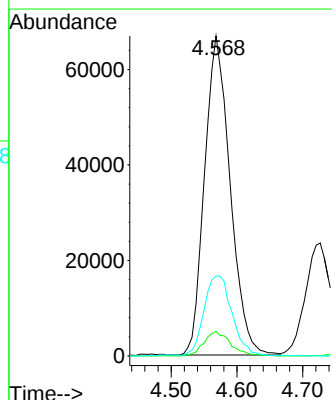
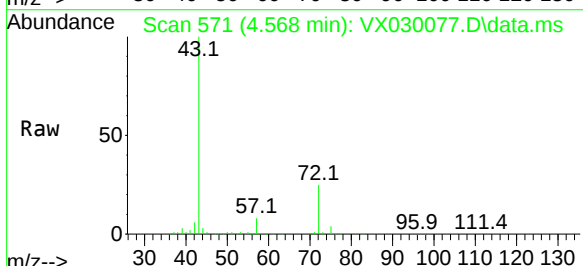
RT: 4.568 min Scan# 571

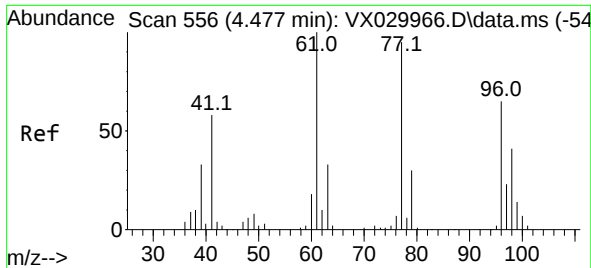
Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Tgt Ion:	43	Resp:	181041
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.6	10.0
72	27.5	22.1	33.1





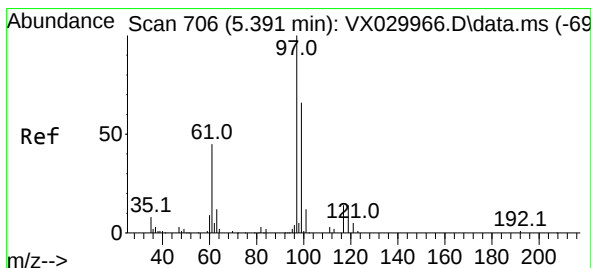
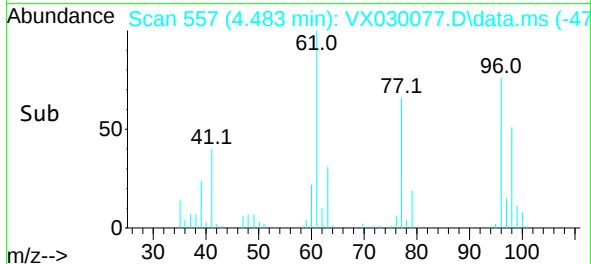
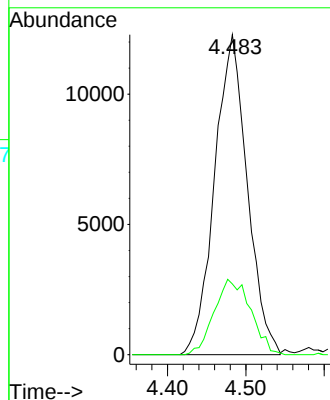
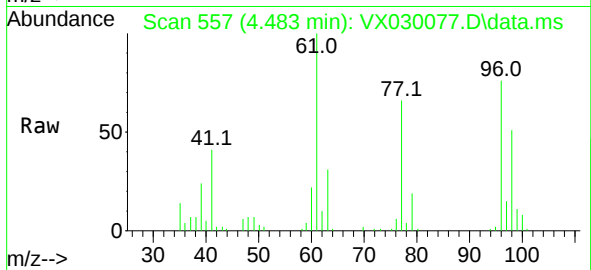
#31
2,2-Dichloropropane
Concen: 13.994 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 3557
Ion Ratio Lower Upper
77 100
97 16.9 18.4 27.6

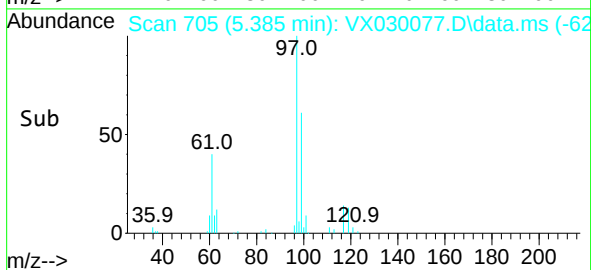
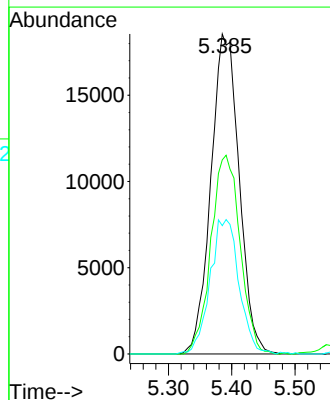
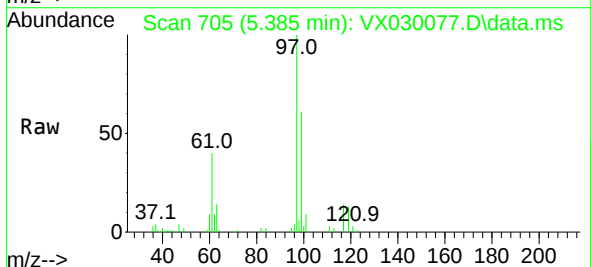
Manual Integrations
APPROVED

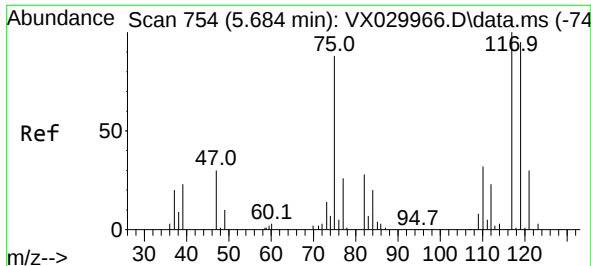
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 20.126 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

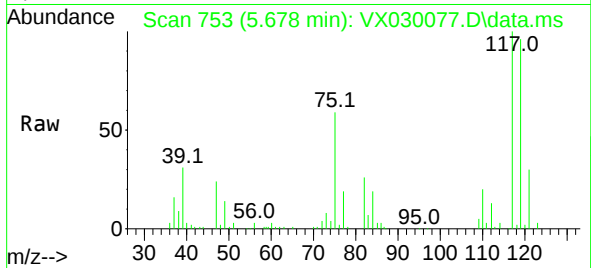
Tgt Ion: 97 Resp: 57555
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 20.9 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.815 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

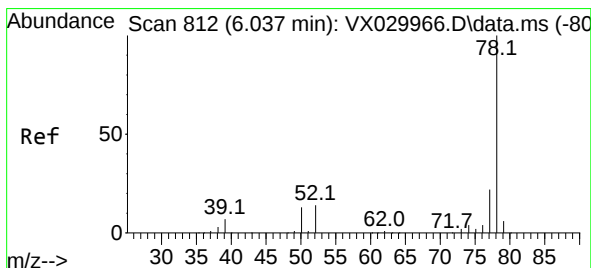
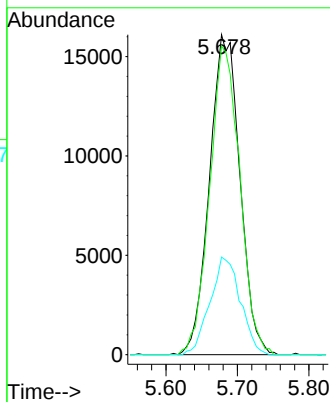
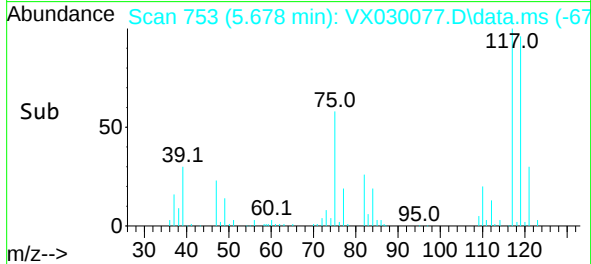
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



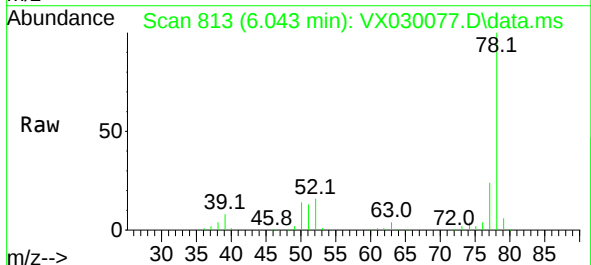
Tgt Ion:117 Resp: 47592
Ion Ratio Lower Upper
117 100
119 96.4 75.3 112.9
121 30.5 24.1 36.1

Manual Integrations
APPROVED

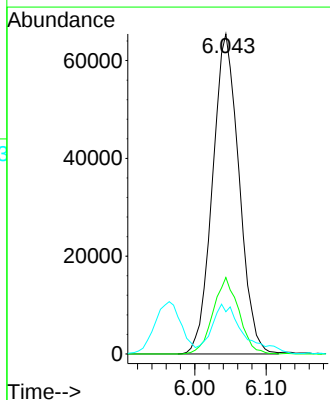
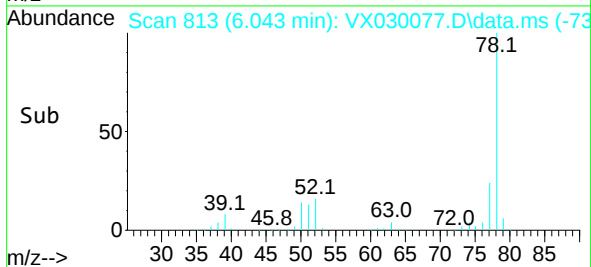
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

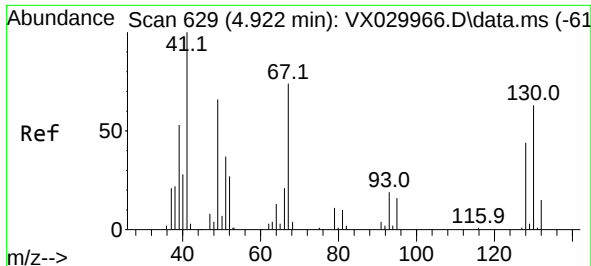


#34
Benzene
Concen: 19.723 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



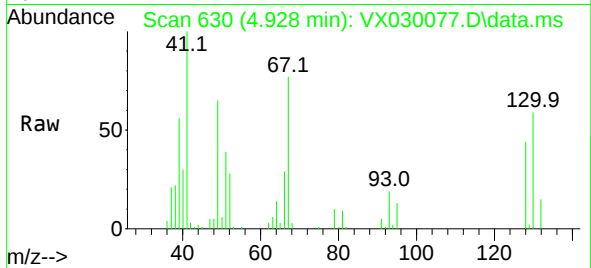
Tgt Ion: 78 Resp: 168567
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7
51 11.4 12.9 19.3#





#35
Methacrylonitrile
Concen: 20.105 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

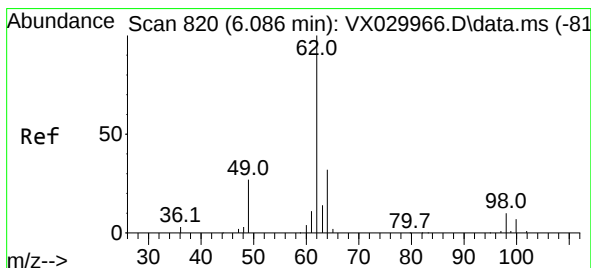
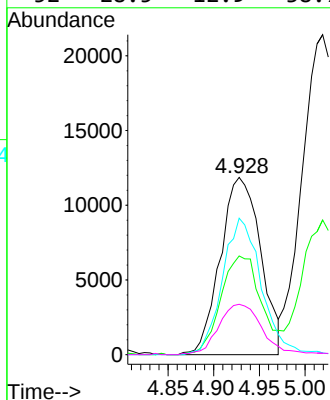
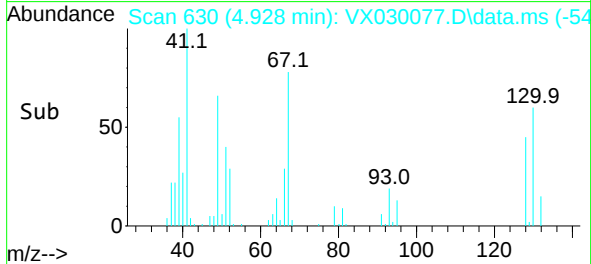
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 3653
Ion Ratio Lower Upper
41 100
39 55.7 27.0 81.0
67 77.0 33.3 99.8
52 28.5 12.9 38.7

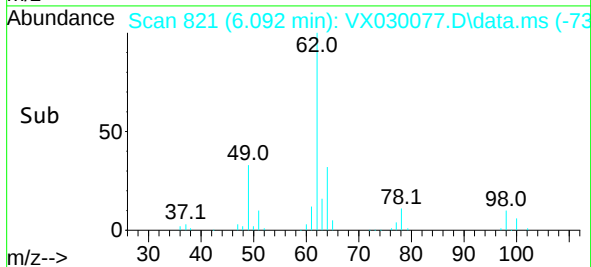
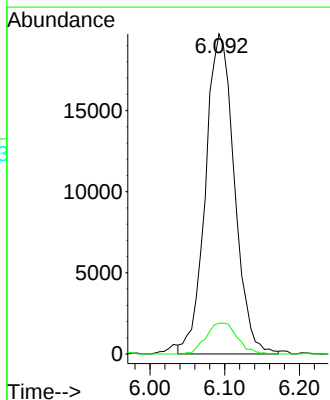
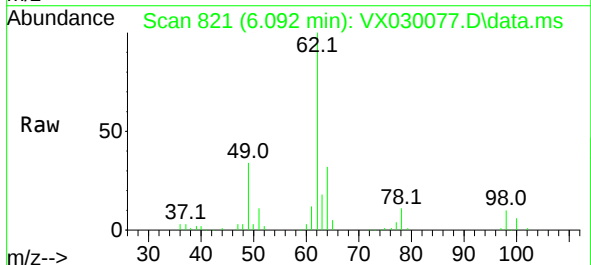
Manual Integrations
APPROVED

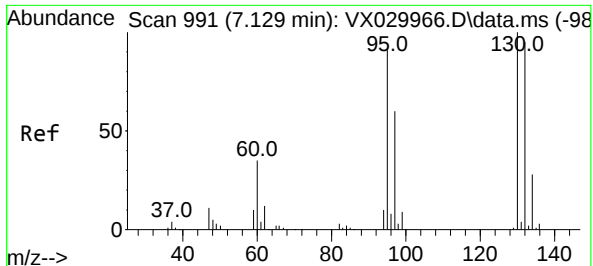
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#36
1,2-Dichloroethane
Concen: 20.340 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion: 62 Resp: 52918
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.0





#37

Trichloroethene

Concen: 19.558 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 4470

Ion Ratio Lower Upper

130 100

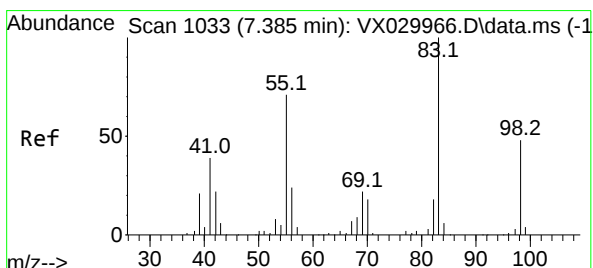
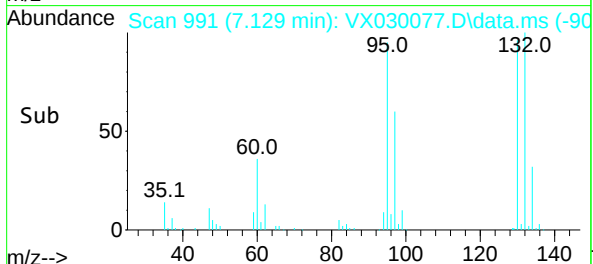
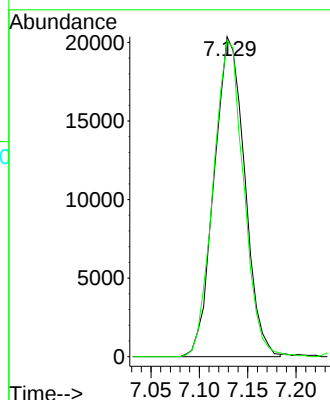
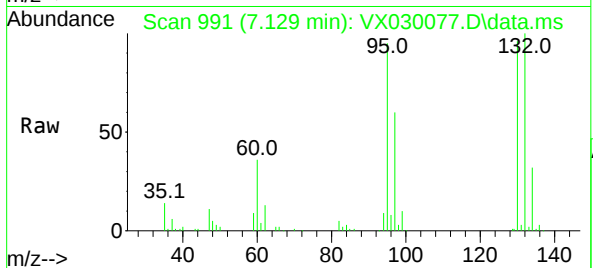
95 98.8 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#38

Methylcyclohexane

Concen: 18.922 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

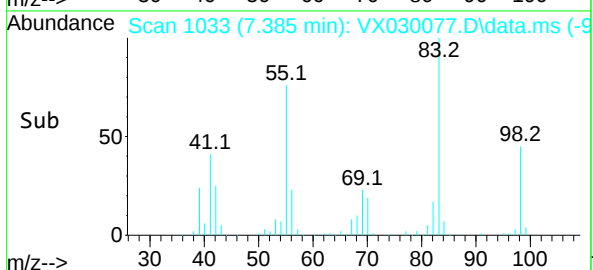
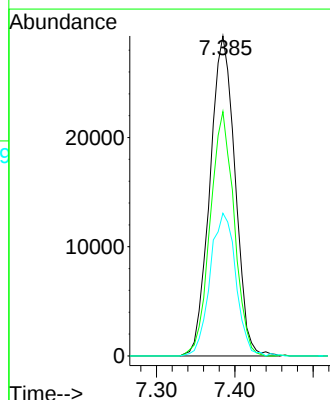
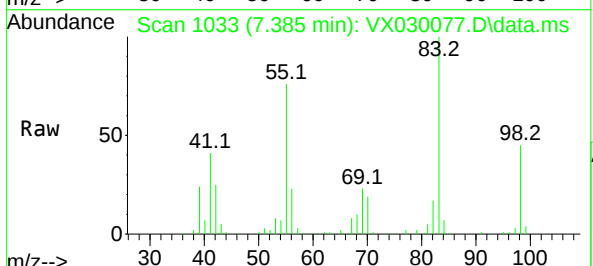
Tgt Ion: 83 Resp: 65298

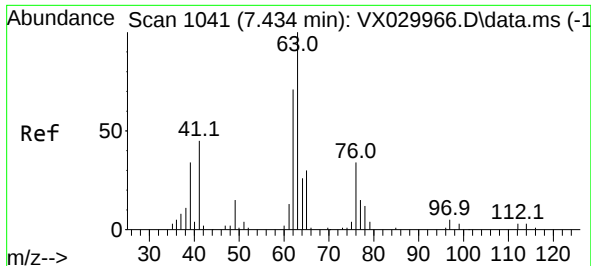
Ion Ratio Lower Upper

83 100

55 72.7 37.0 110.9

98 45.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 19.082 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4151

Ion Ratio Lower Upper

63 100

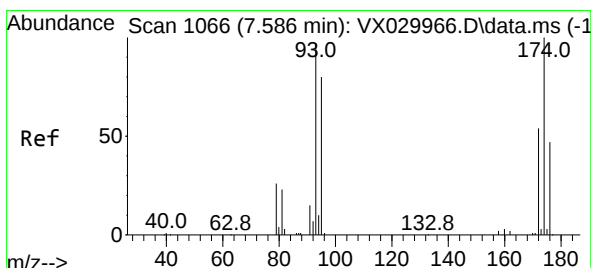
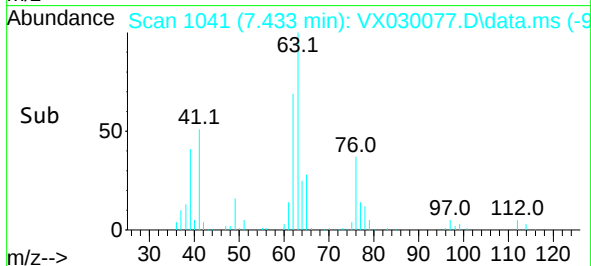
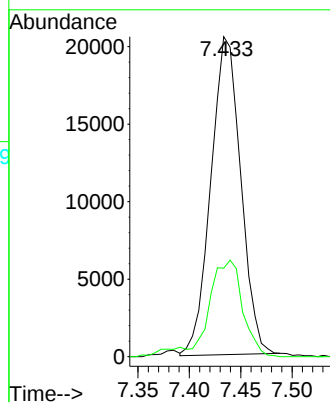
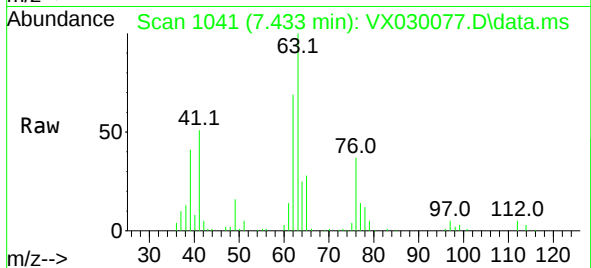
65 27.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Dibromomethane

Concen: 19.669 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

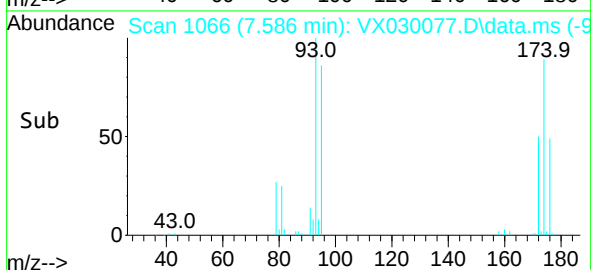
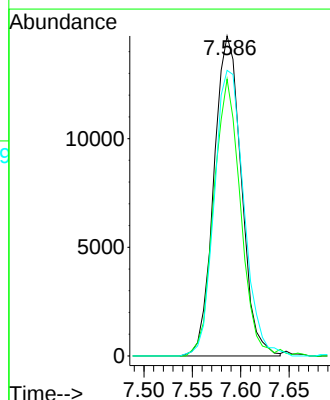
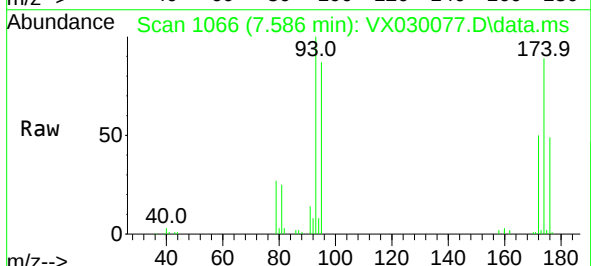
Tgt Ion: 93 Resp: 29007

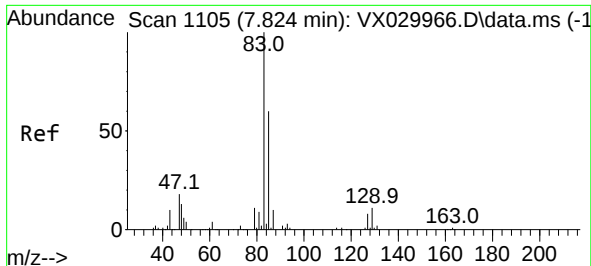
Ion Ratio Lower Upper

93 100

95 83.7 0.0 168.8

174 96.1 0.0 220.8





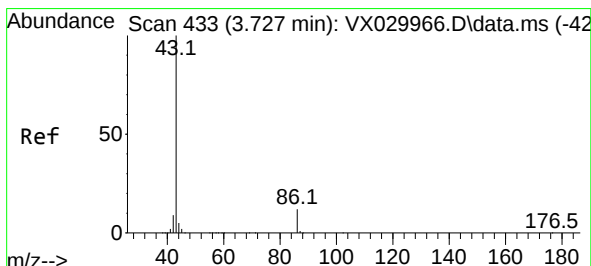
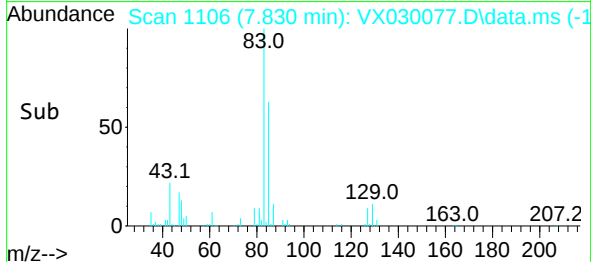
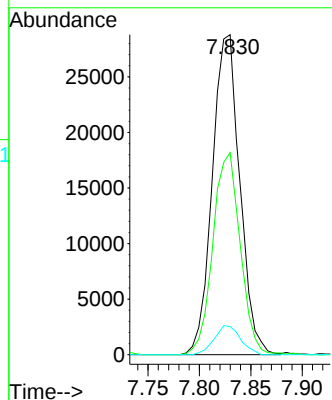
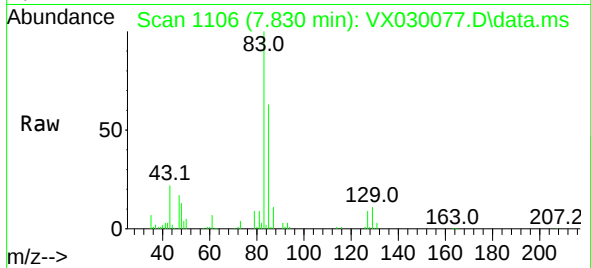
#41
Bromodichloromethane
Concen: 20.332 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 53560
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 8.8 7.0 10.6

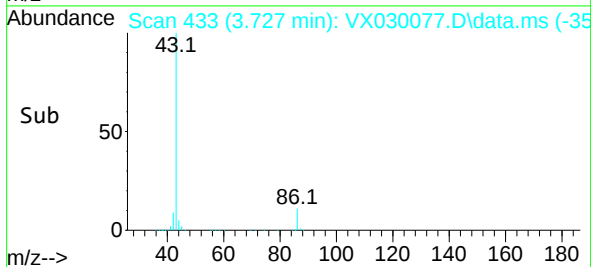
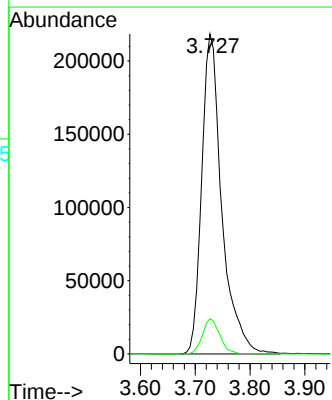
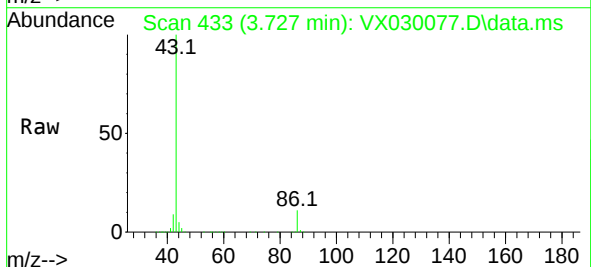
Manual Integrations
APPROVED

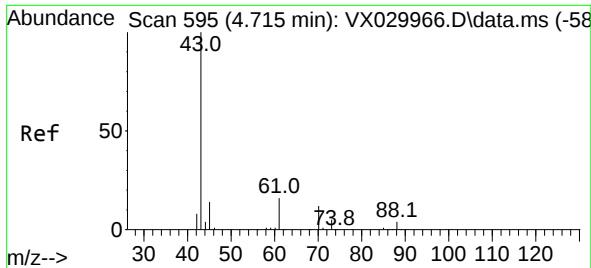
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#42
Vinyl Acetate
Concen: 96.719 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

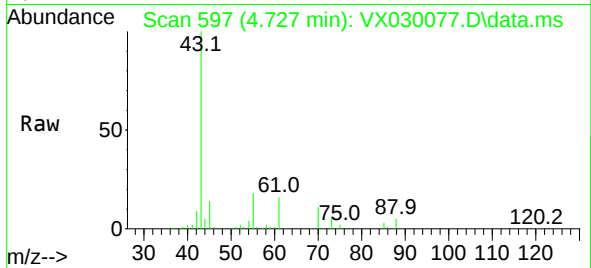
Tgt Ion: 43 Resp: 555236
Ion Ratio Lower Upper
43 100
86 9.5 8.5 12.7





#43
Ethyl Acetate
Concen: 19.966 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

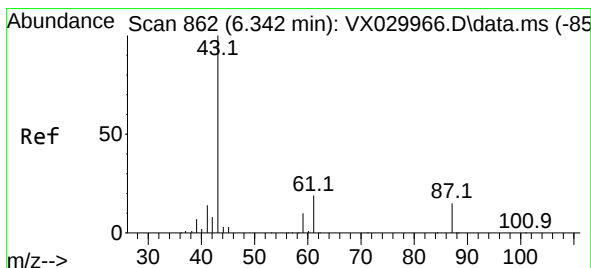
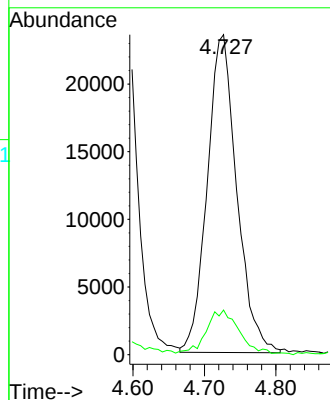
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 67514
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.6

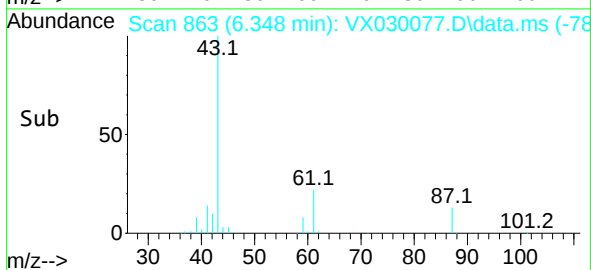
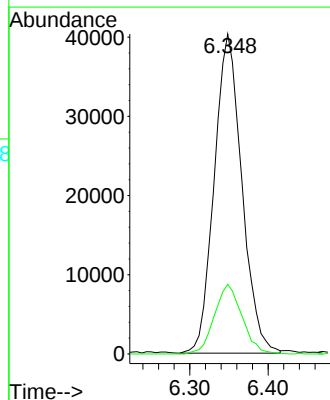
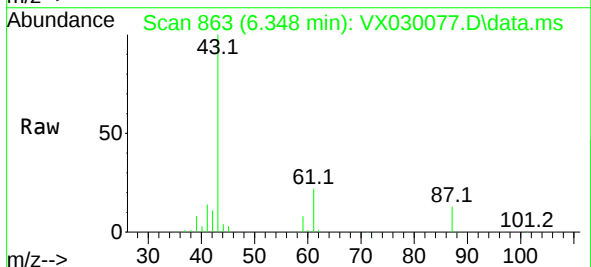
Manual Integrations
APPROVED

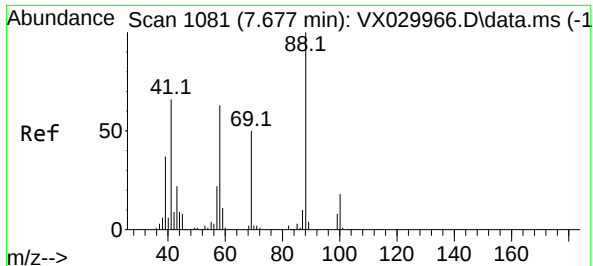
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#44
Isopropyl Acetate
Concen: 19.241 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

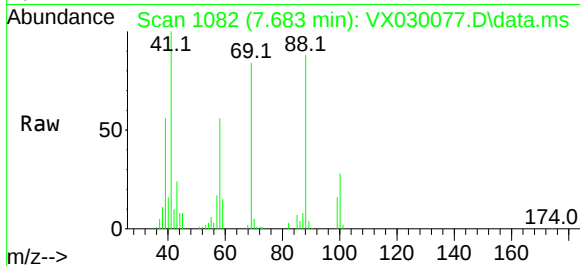
Tgt Ion: 43 Resp: 98838
Ion Ratio Lower Upper
43 100
61 21.8 17.0 25.4





#45
1,4-Dioxane
Concen: 399.664 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

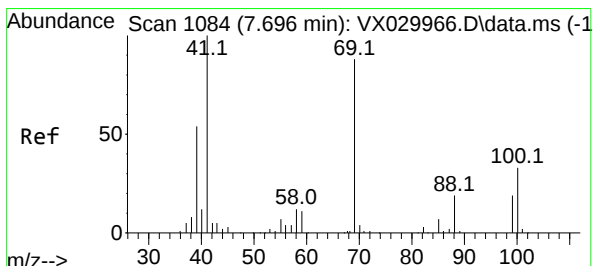
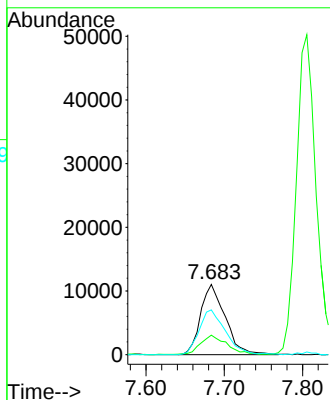
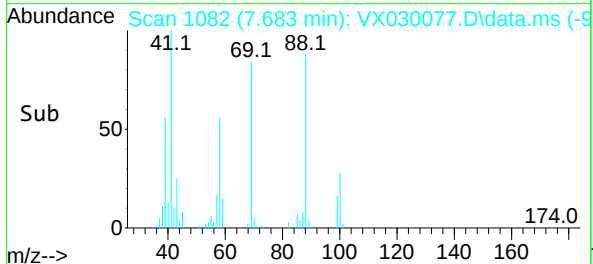
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



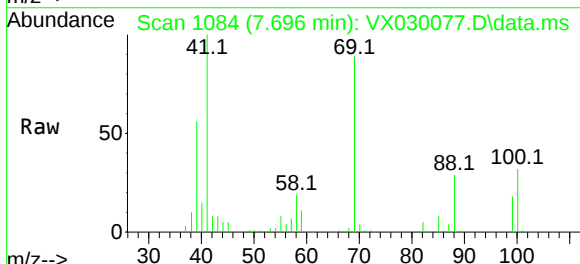
Tgt Ion: 88 Resp: 2410
Ion Ratio Lower Upper
88 100
43 28.6 25.8 38.6
58 67.6 54.8 82.2

Manual Integrations
APPROVED

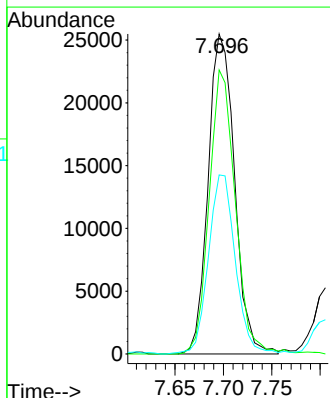
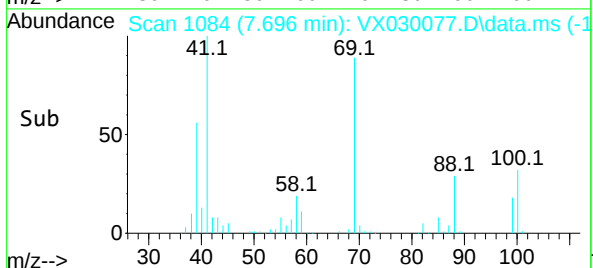
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

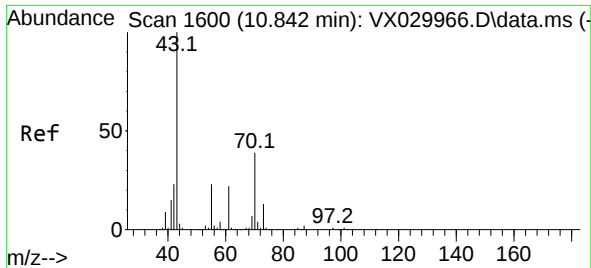


#46
Methyl methacrylate
Concen: 19.874 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



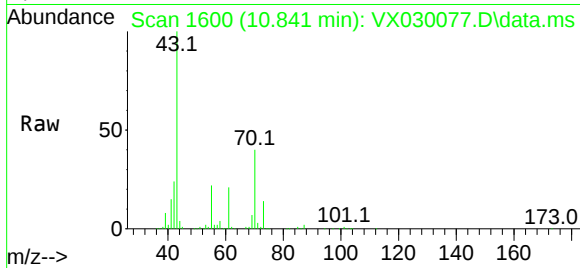
Tgt Ion: 41 Resp: 48381
Ion Ratio Lower Upper
41 100
69 88.7 41.9 125.8
39 55.5 27.5 82.5





#47
n-amy1 Acetate
Concen: 17.639 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

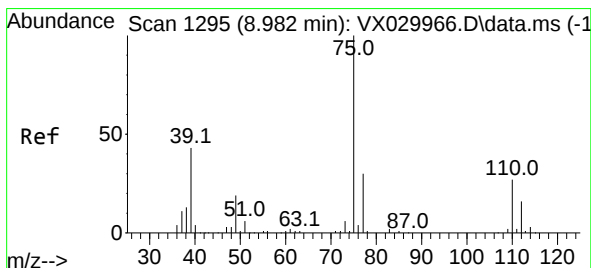
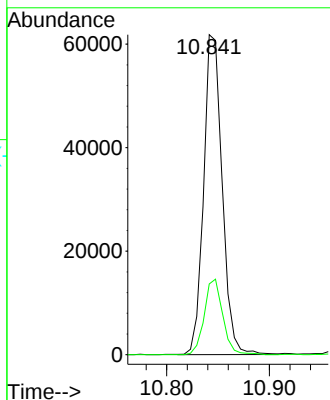
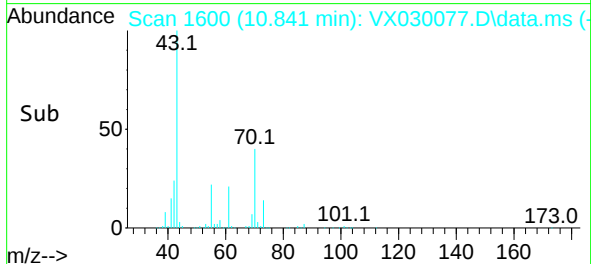
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 7784
Ion Ratio Lower Upper
43 100
55 23.5 20.4 30.6

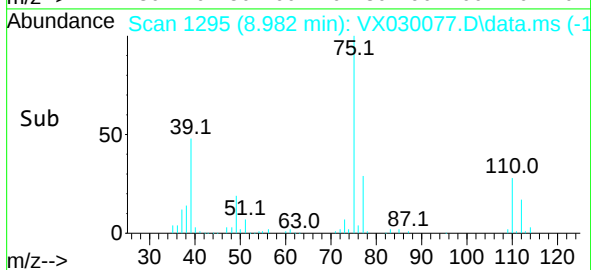
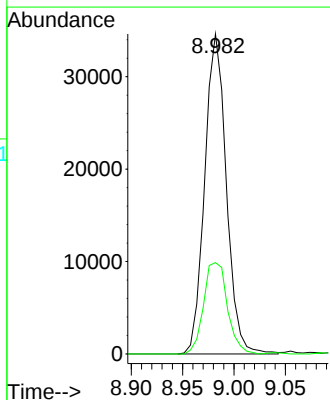
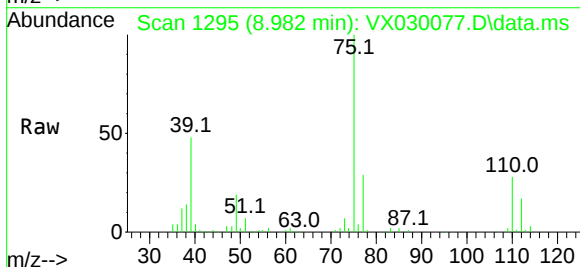
Manual Integrations
APPROVED

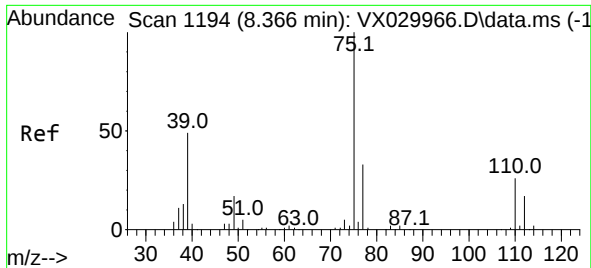
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#48
t-1,3-Dichloropropene
Concen: 17.457 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion: 75 Resp: 50821
Ion Ratio Lower Upper
75 100
77 28.6 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 17.721 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5793

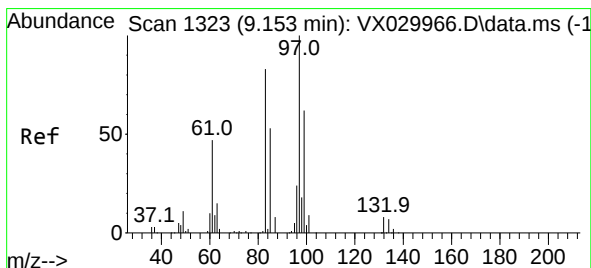
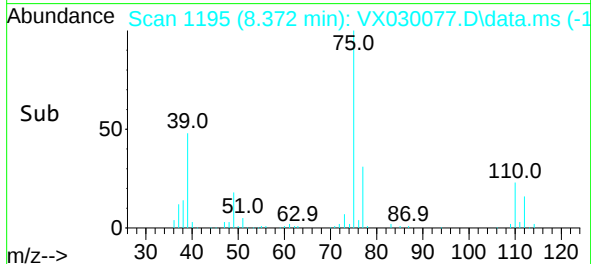
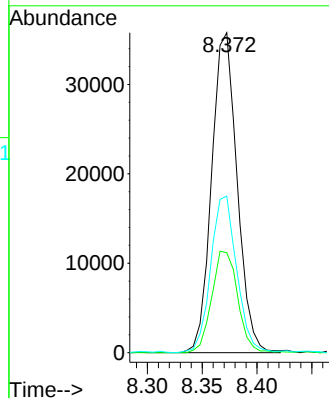
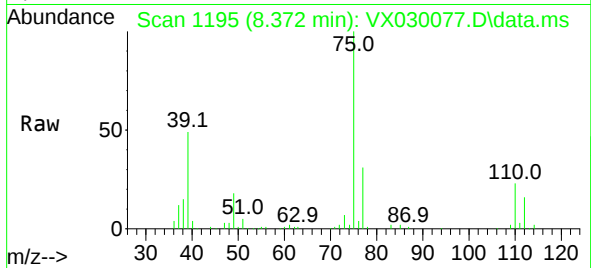
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
39	48.8	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

1,1,2-Trichloroethane

Concen: 20.385 ug/l

RT: 9.153 min Scan# 1323

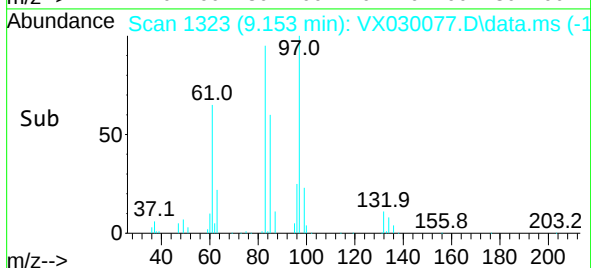
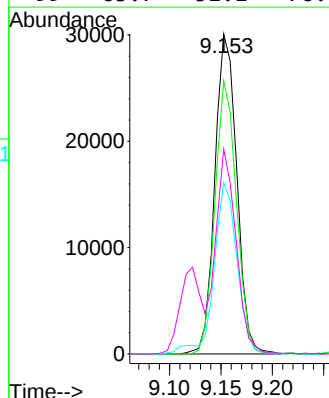
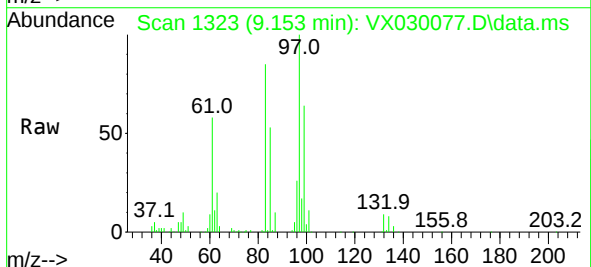
Delta R.T. -0.000 min

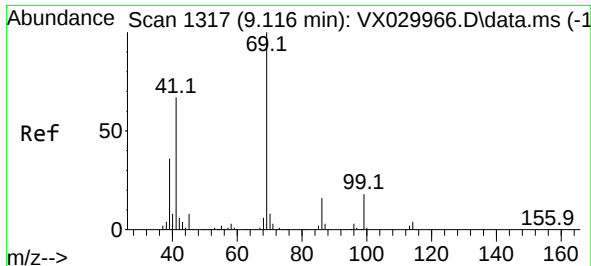
Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Tgt Ion: 97 Resp: 44537

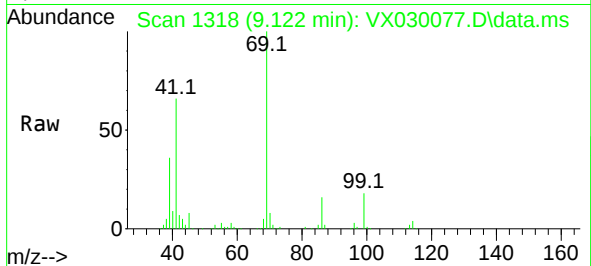
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.2	99.4
85	53.5	40.4	60.6
99	63.7	51.1	76.7





#51
Ethyl methacrylate
Concen: 18.940 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

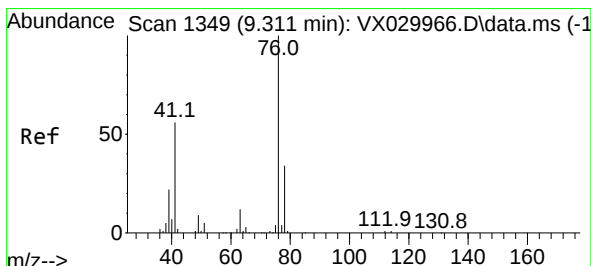
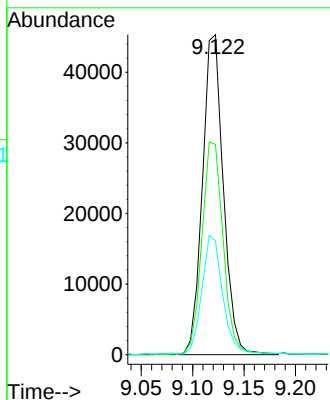
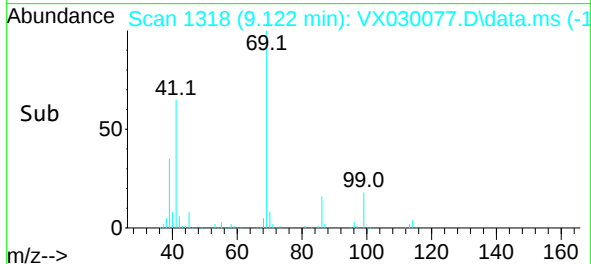
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 6439
Ion Ratio Lower Upper
69 100
41 65.7 32.1 96.5
39 35.4 18.3 54.9

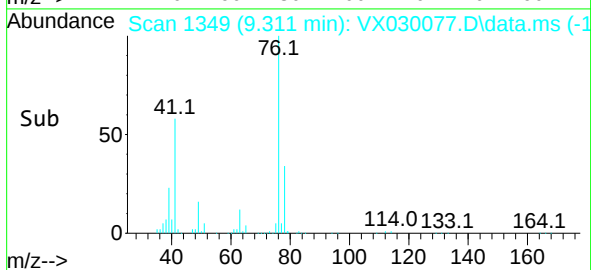
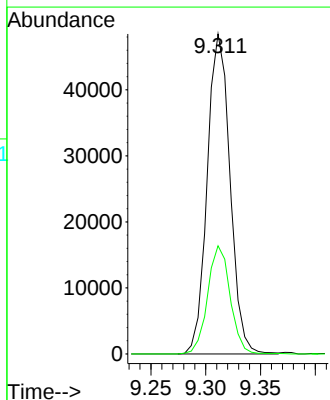
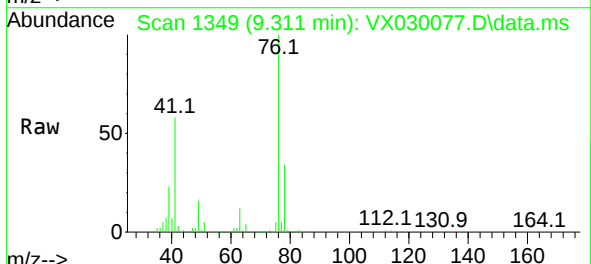
Manual Integrations
APPROVED

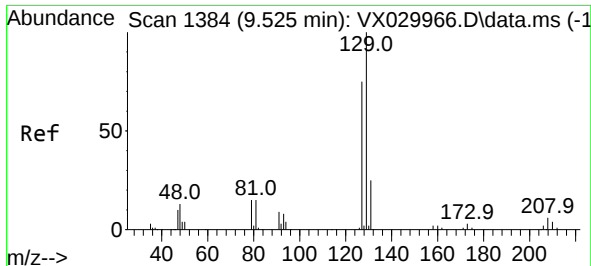
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
1,3-Dichloropropane
Concen: 19.949 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

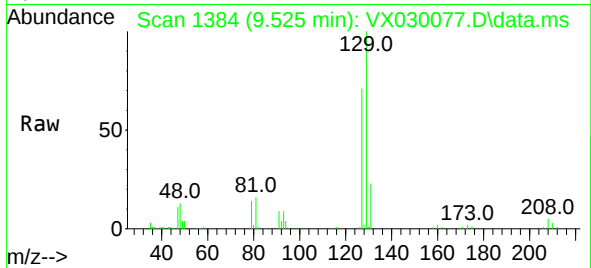
Tgt Ion: 76 Resp: 70110
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.4





#53
Dibromochloromethane
Concen: 19.407 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

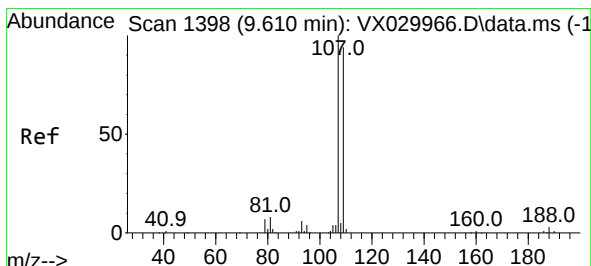
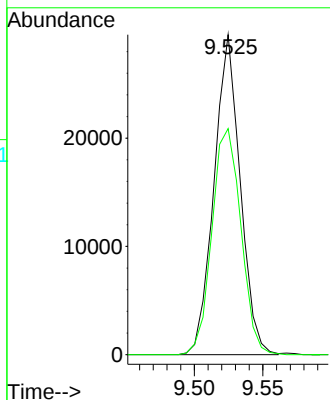
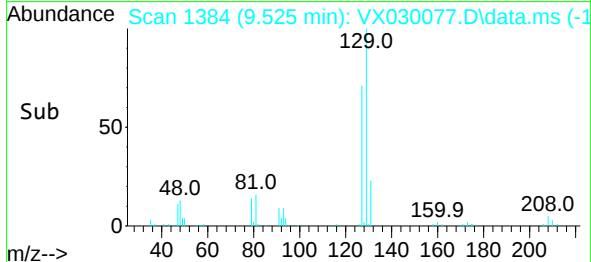
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



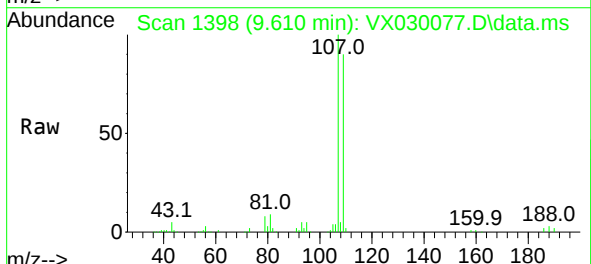
Tgt Ion:129 Resp: 39245
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1

Manual Integrations
APPROVED

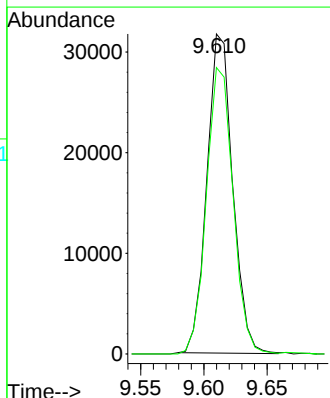
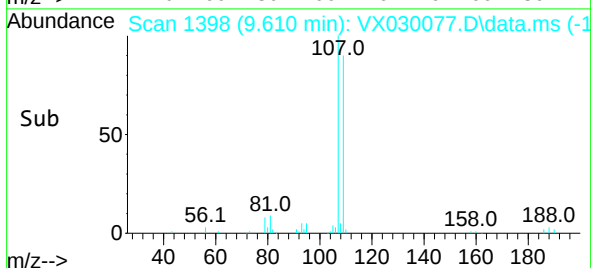
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

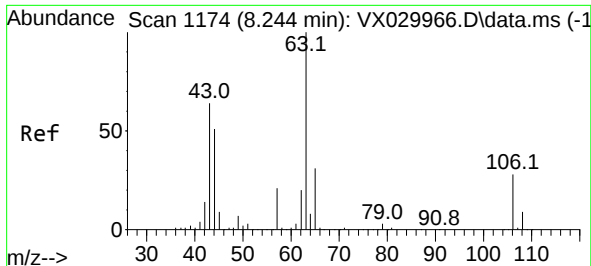


#54
1,2-Dibromoethane
Concen: 19.834 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



Tgt Ion:107 Resp: 45000
Ion Ratio Lower Upper
107 100
109 92.8 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 101.214 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 177384

Ion Ratio Lower Upper

63 100

65 32.1 25.9 38.9

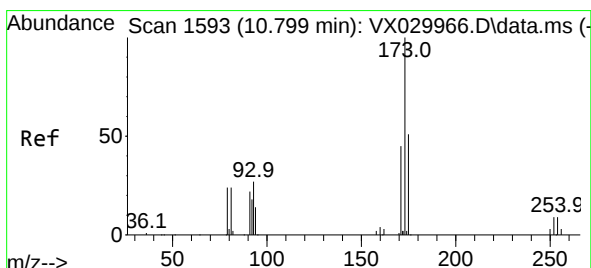
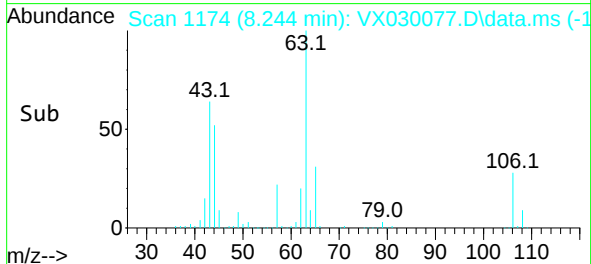
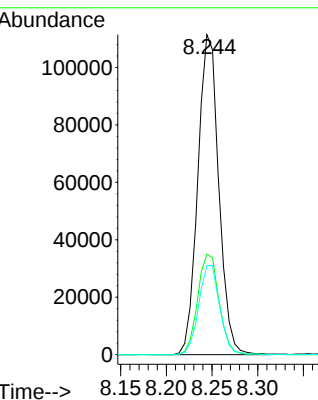
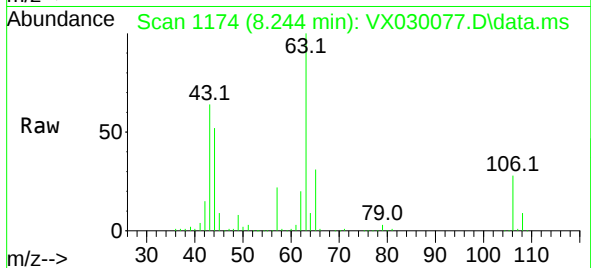
106 28.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#56

Bromoform

Concen: 19.019 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

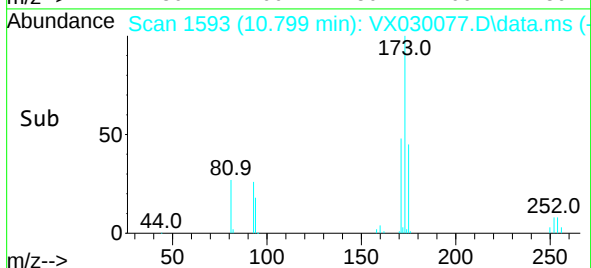
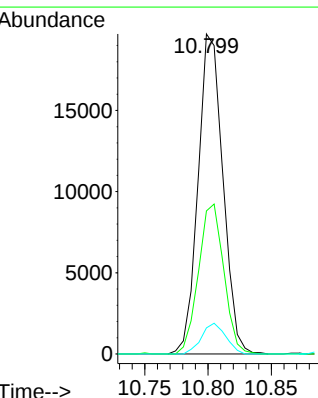
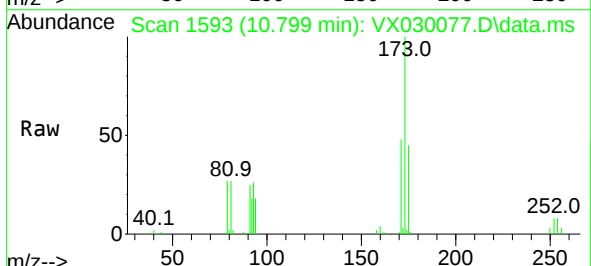
Tgt Ion:173 Resp: 26924

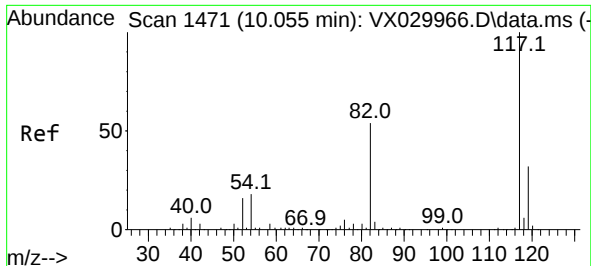
Ion Ratio Lower Upper

173 100

175 47.8 40.3 60.5

254 9.3 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 141639

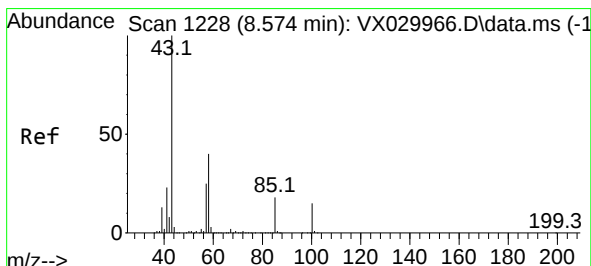
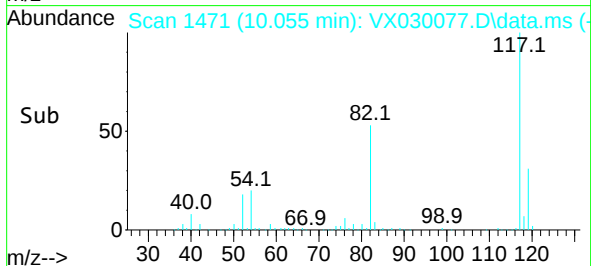
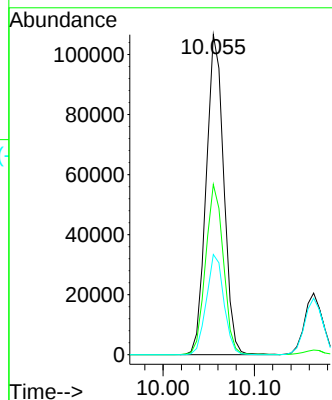
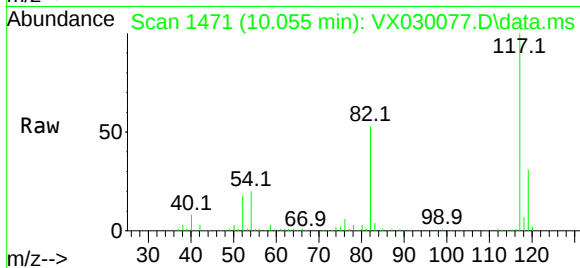
Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.3	63.5
119	31.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#58

4-Methyl-2-Pentanone

Concen: 98.723 ug/l

RT: 8.580 min Scan# 1229

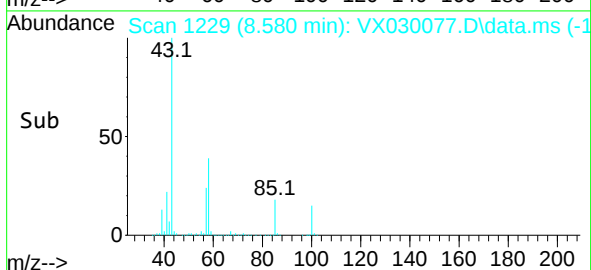
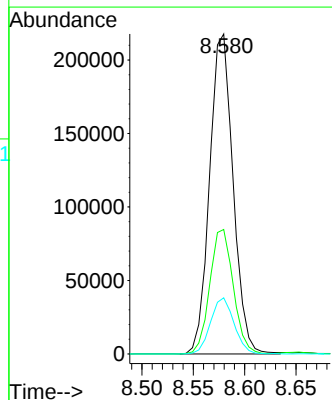
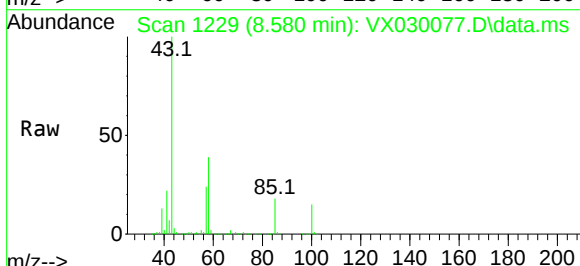
Delta R.T. 0.006 min

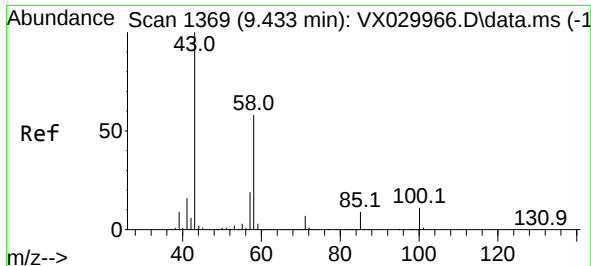
Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Tgt Ion: 43 Resp: 345392

Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.8	47.6
85	17.6	15.8	23.6





#59

2-Hexanone

Concen: 98.446 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

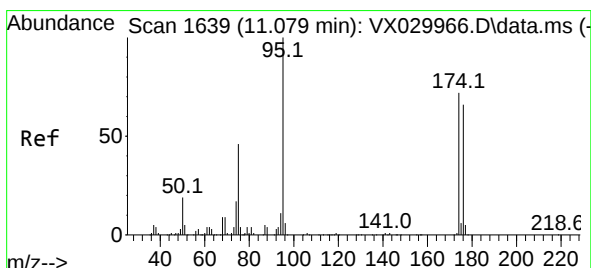
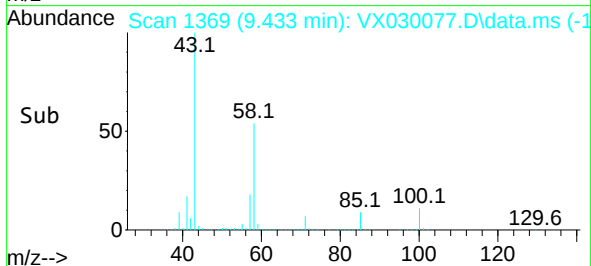
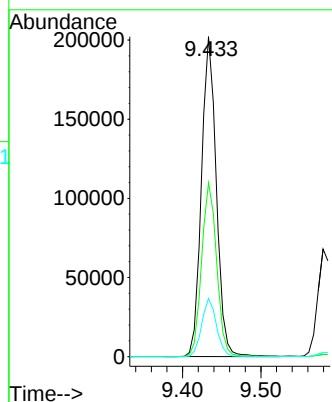
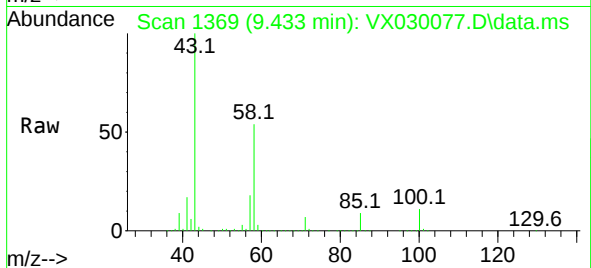
Tgt Ion: 43 Resp: 266390
 Ion Ratio Lower Upper
 43 100
 58 54.9 44.1 66.1
 57 18.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#60

4-Bromofluorobenzene

Concen: 29.351 ug/l

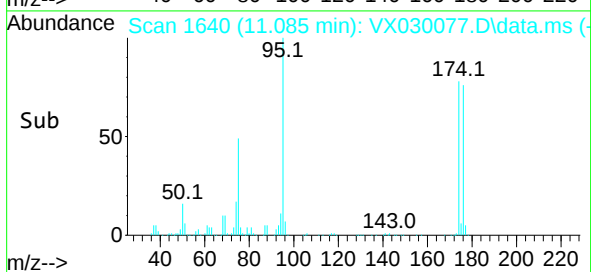
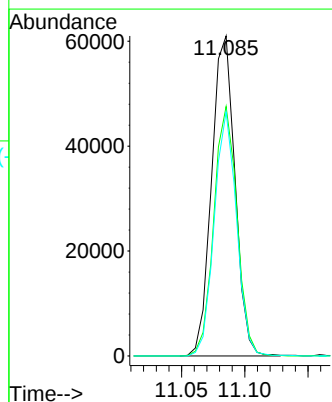
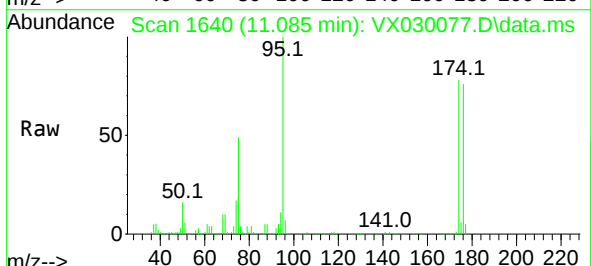
RT: 11.085 min Scan# 1640

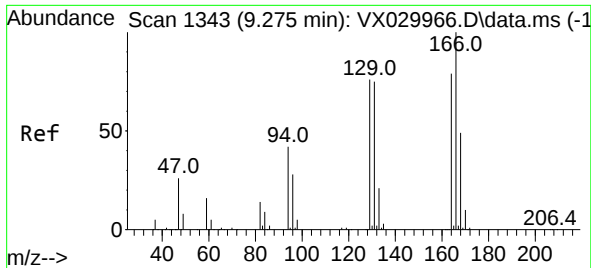
Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

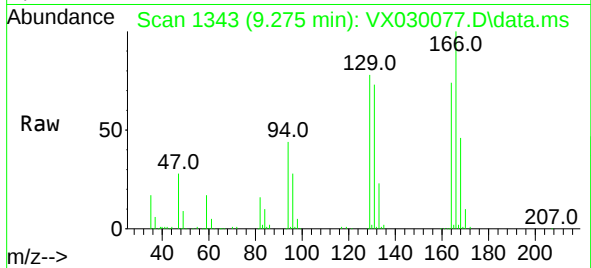
Tgt Ion: 95 Resp: 78347
 Ion Ratio Lower Upper
 95 100
 174 77.4 65.4 98.2
 176 72.5 63.4 95.0





#61
Tetrachloroethene
Concen: 21.182 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

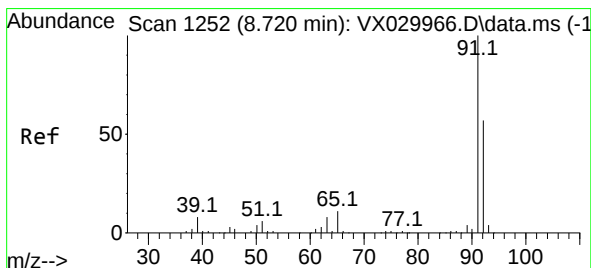
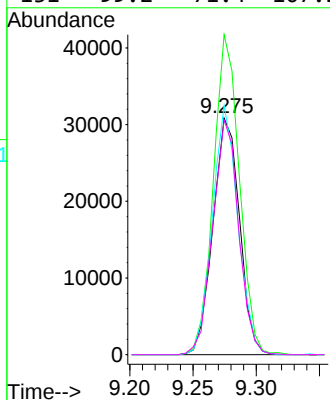
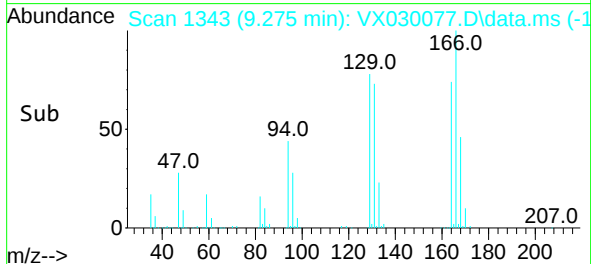
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



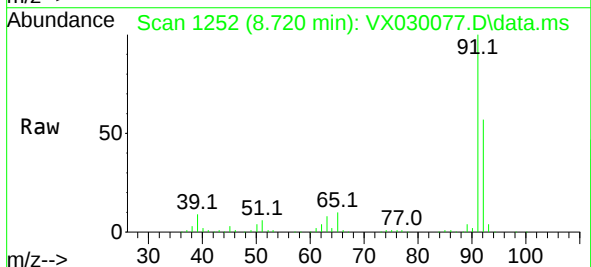
Tgt Ion:164 Resp: 45048
Ion Ratio Lower Upper
164 100
166 135.2 105.0 157.6
129 105.2 78.5 117.7
131 99.2 71.4 107.2

Manual Integrations
APPROVED

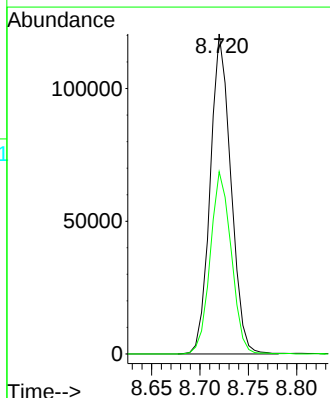
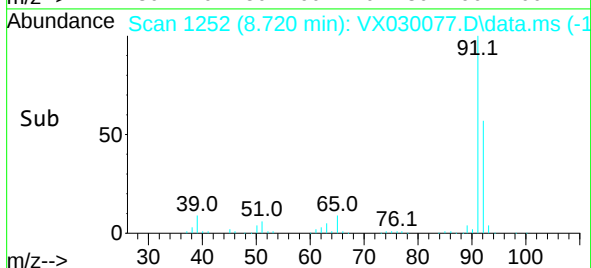
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

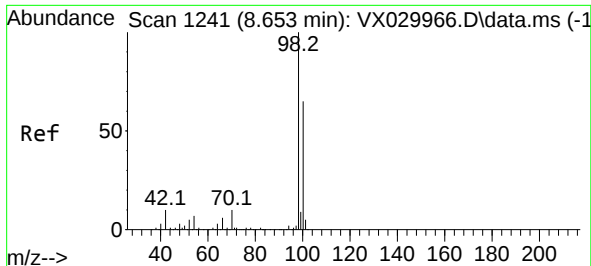


#62
Toluene
Concen: 18.990 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



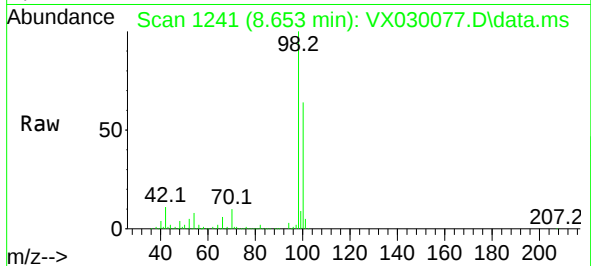
Tgt Ion: 91 Resp: 178925
Ion Ratio Lower Upper
91 100
92 57.8 48.1 72.1





#63
Toluene-d8
Concen: 29.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

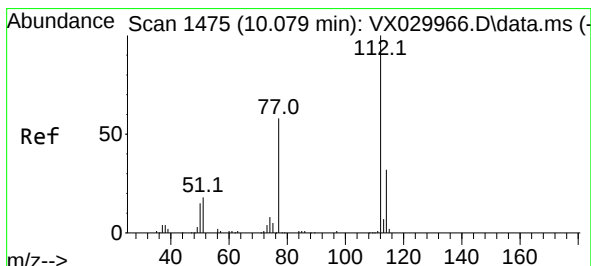
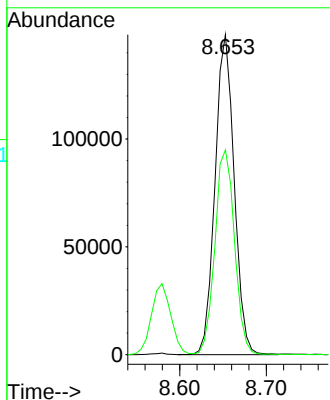
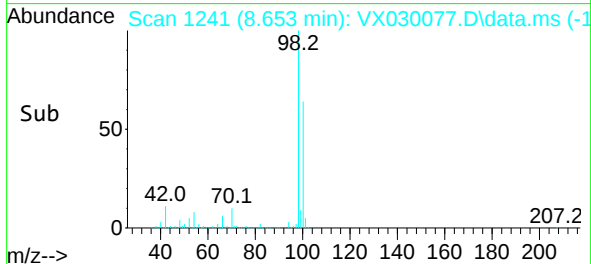
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



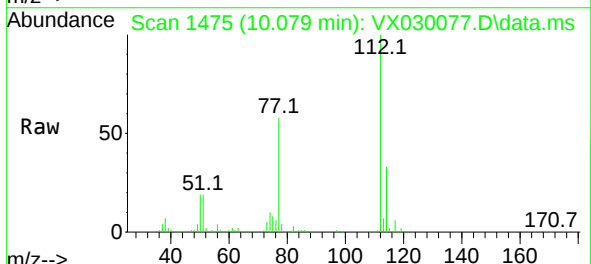
Tgt Ion: 98 Resp: 22785
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2

Manual Integrations
APPROVED

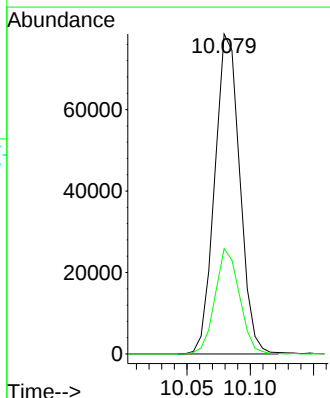
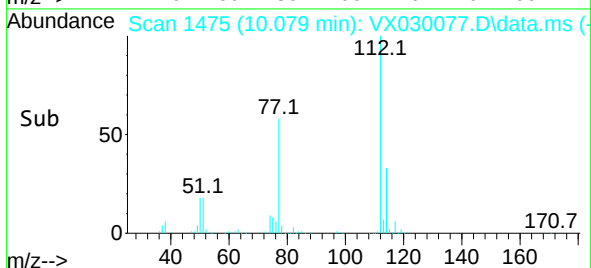
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

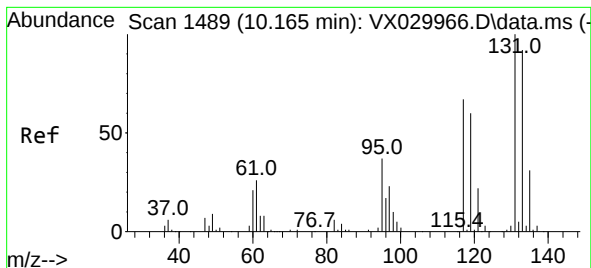


#64
Chlorobenzene
Concen: 19.215 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



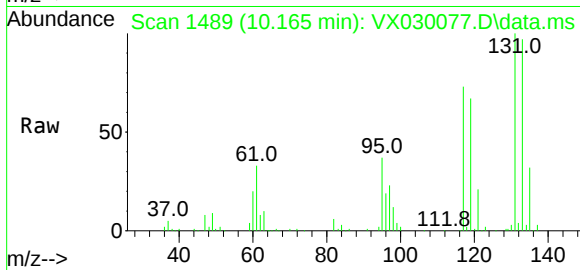
Tgt Ion:112 Resp: 108123
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.302 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

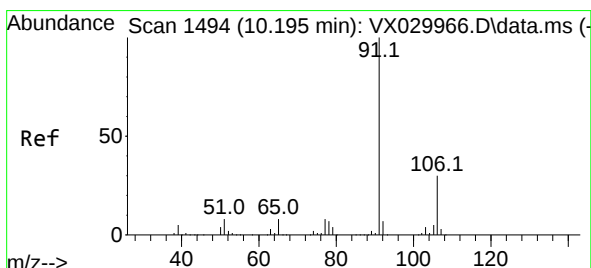
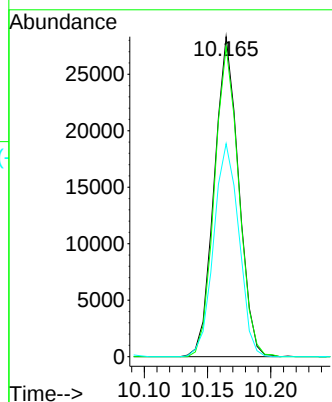
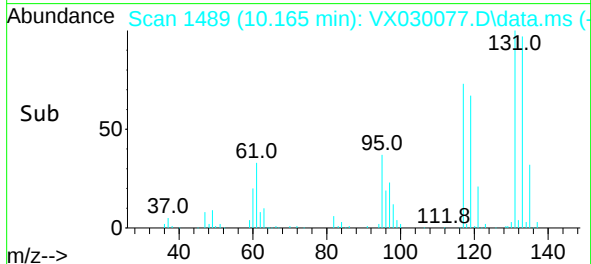
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



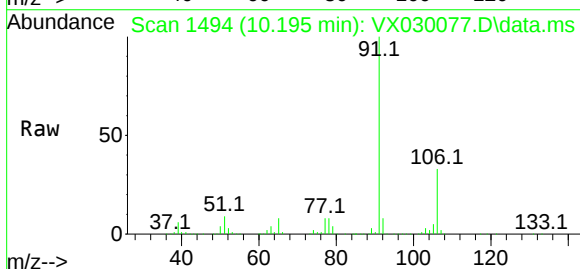
Tgt Ion:131 Resp: 37872
Ion Ratio Lower Upper
131 100
133 96.5 0.0 197.2
119 68.8 0.0 127.4

Manual Integrations
APPROVED

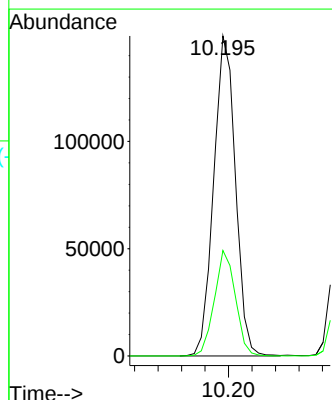
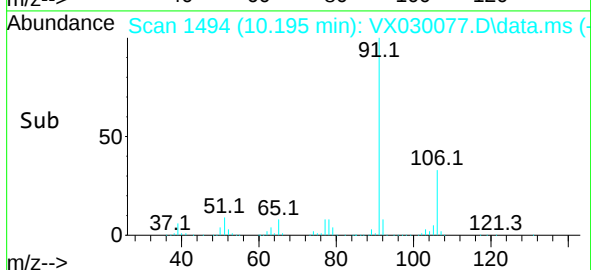
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

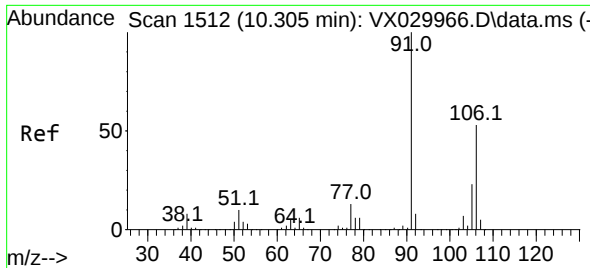


#66
Ethyl Benzene
Concen: 19.173 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



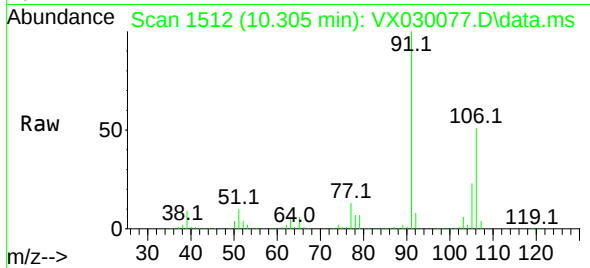
Tgt Ion: 91 Resp: 191973
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8





#67
m/p-Xylenes
Concen: 38.260 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

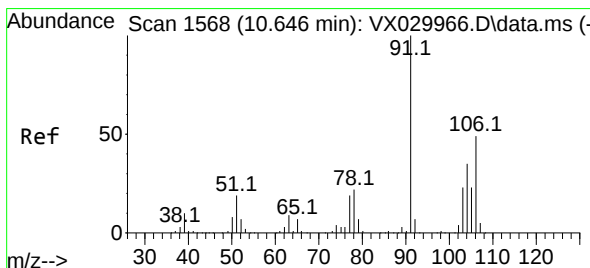
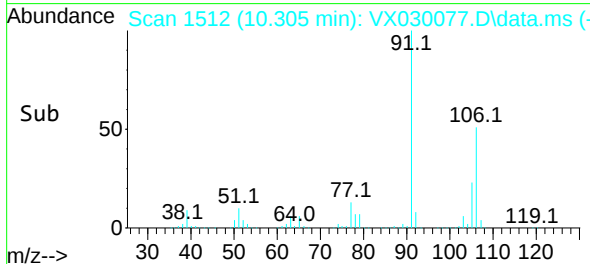
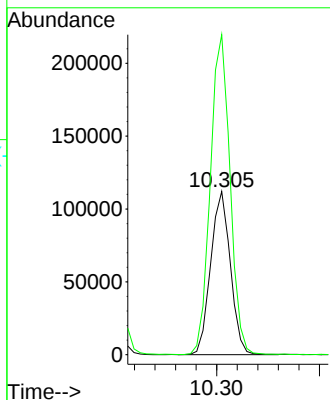
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 148652
Ion Ratio Lower Upper
106 100
91 196.6 159.5 239.3

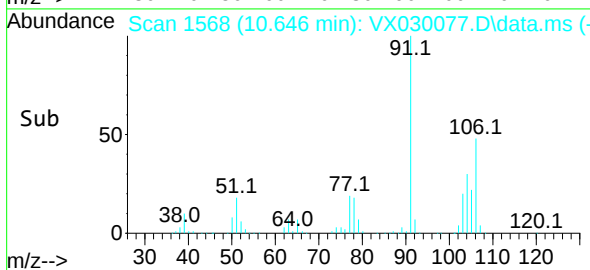
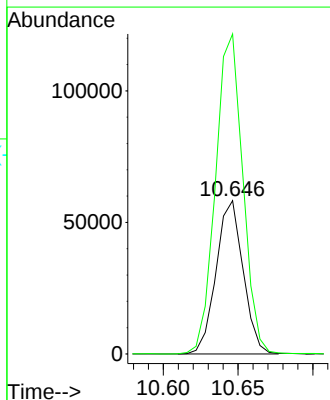
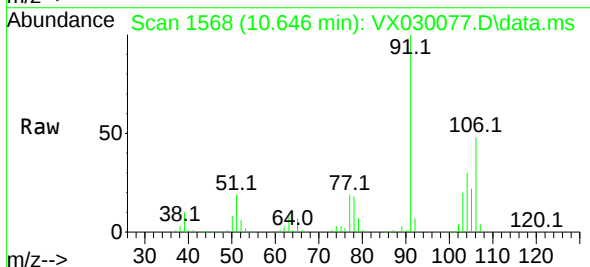
Manual Integrations
APPROVED

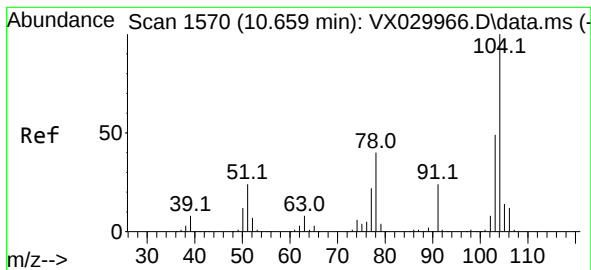
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
o-Xylene
Concen: 18.923 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion:106 Resp: 73215
Ion Ratio Lower Upper
106 100
91 211.0 105.4 316.2





#69

Styrene

Concen: 19.075 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

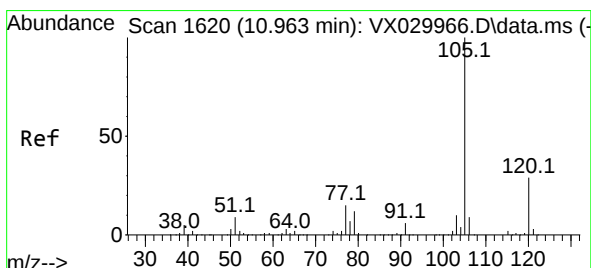
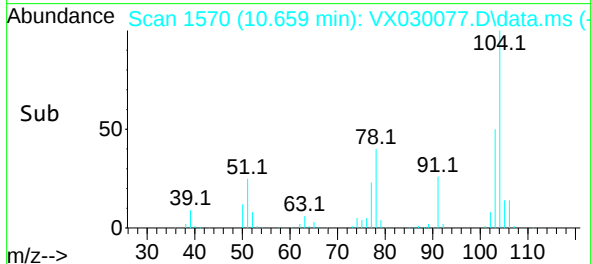
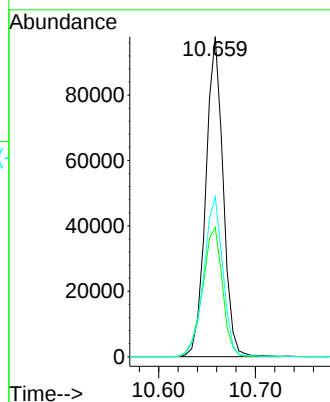
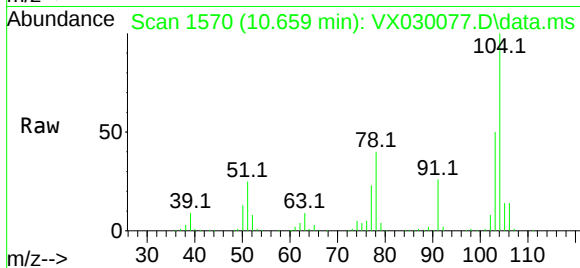
Tgt Ion:104 Resp: 122133
 Ion Ratio Lower Upper
 104 100
 78 46.3 39.7 59.5
 103 54.6 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#70

Isopropylbenzene

Concen: 19.259 ug/l

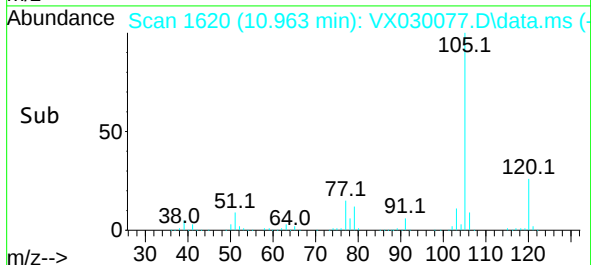
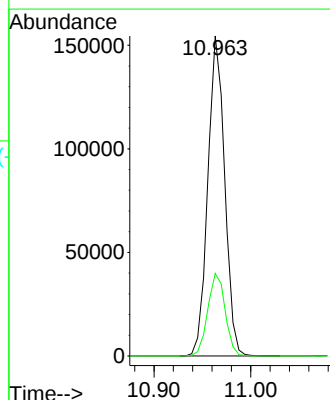
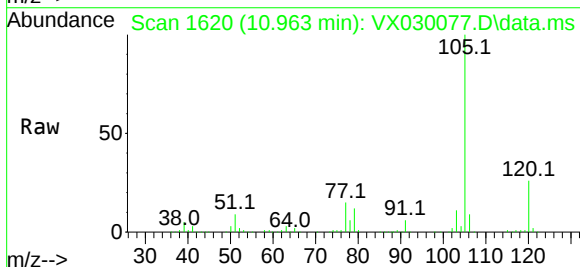
RT: 10.963 min Scan# 1620

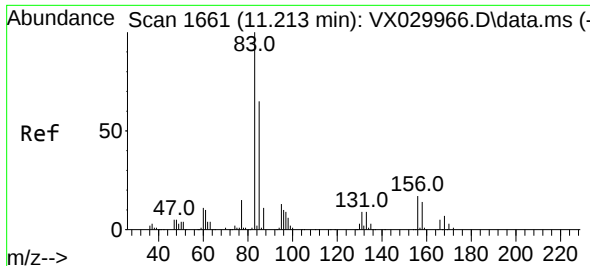
Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

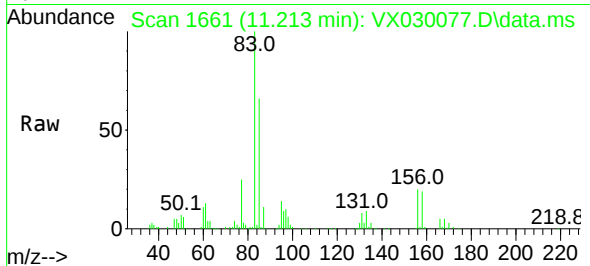
Tgt Ion:105 Resp: 187614
 Ion Ratio Lower Upper
 105 100
 120 26.5 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.315 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

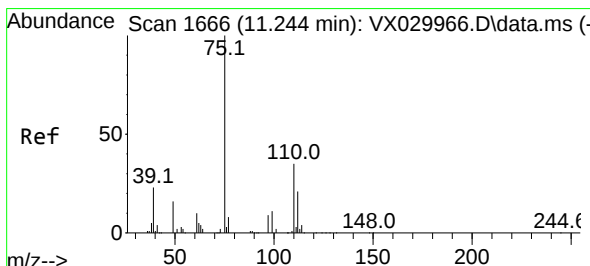
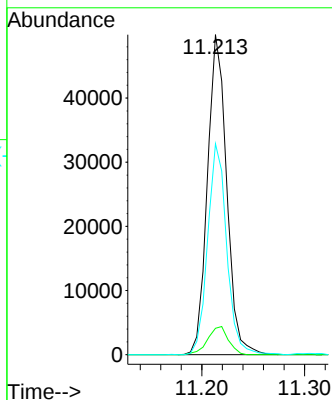
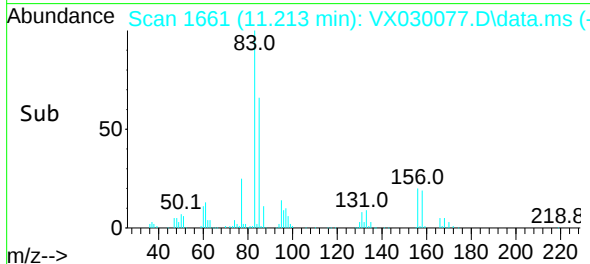
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



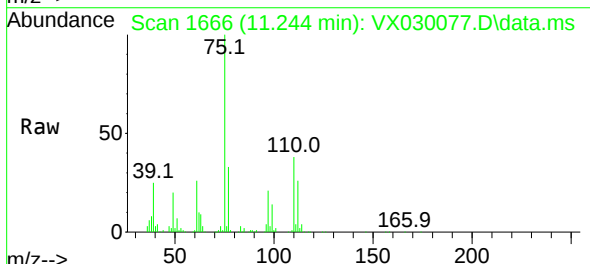
Tgt Ion: 83 Resp: 64882
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.3
85 65.3 32.0 96.2

Manual Integrations
APPROVED

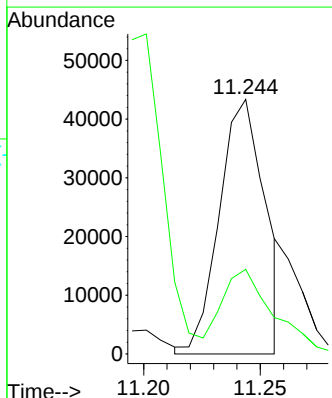
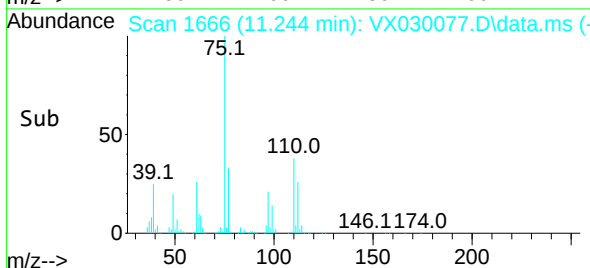
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

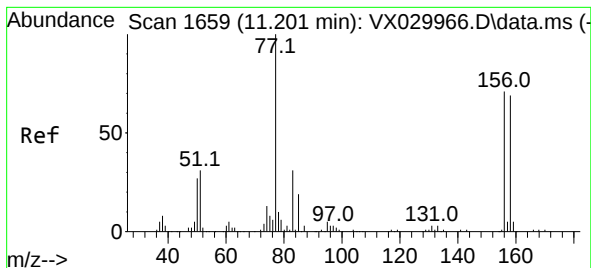


#72
1,2,3-Trichloropropane
Concen: 18.631 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



Tgt Ion: 75 Resp: 59327
Ion Ratio Lower Upper
75 100
77 37.7 0.0 78.6





#73

Bromobenzene

Concen: 18.618 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX030077.D

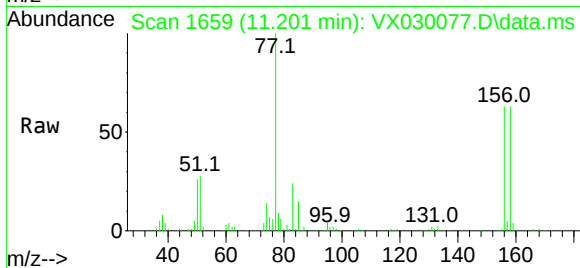
Acq: 14 Jul 2022 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:156 Resp: 43490

Ion Ratio Lower Upper

156 100

77 168.8 0.0 297.6

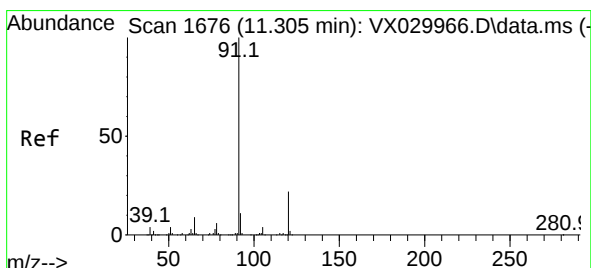
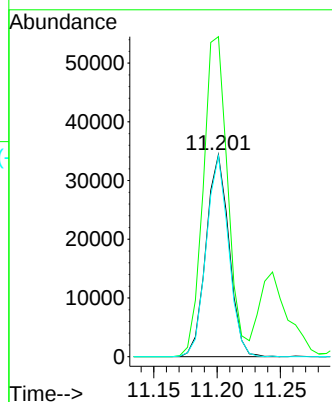
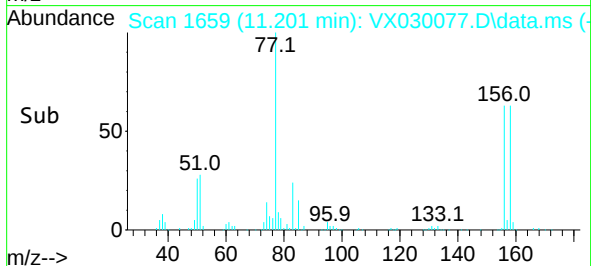
158 96.7 0.0 188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#74

n-propylbenzene

Concen: 18.593 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030077.D

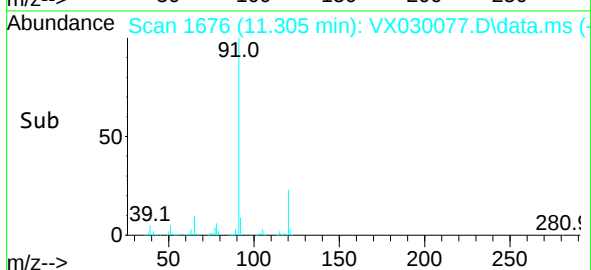
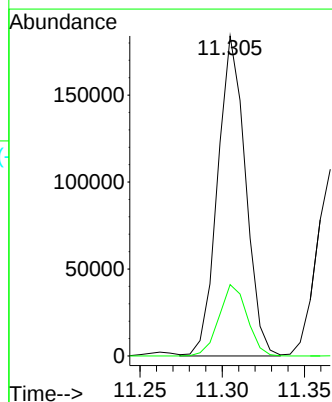
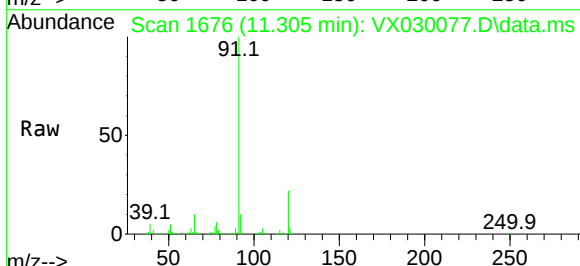
Acq: 14 Jul 2022 21:38

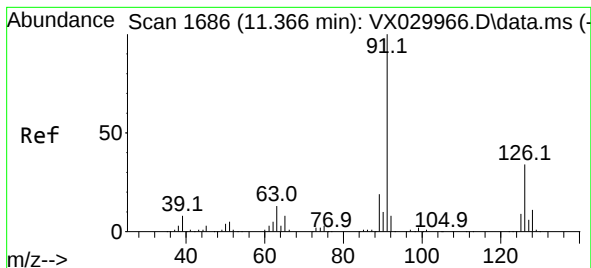
Tgt Ion: 91 Resp: 217276

Ion Ratio Lower Upper

91 100

120 22.5 0.0 48.0





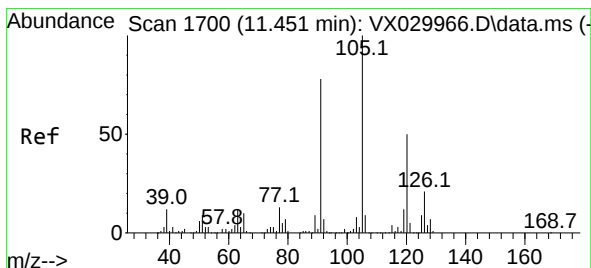
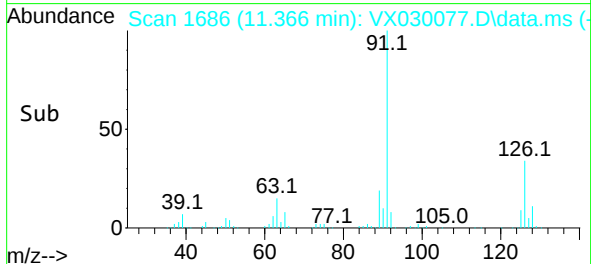
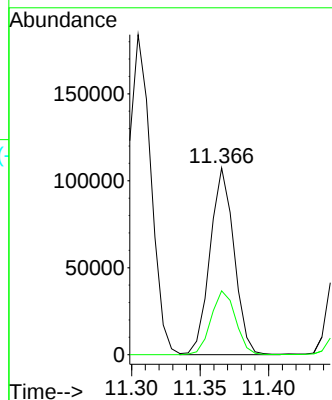
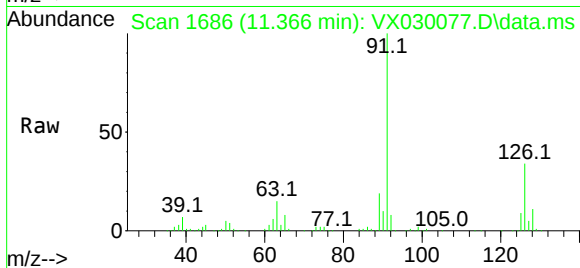
#75
2-Chlorotoluene
Concen: 19.031 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 13096
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.6

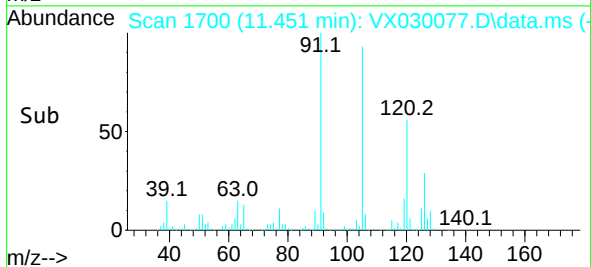
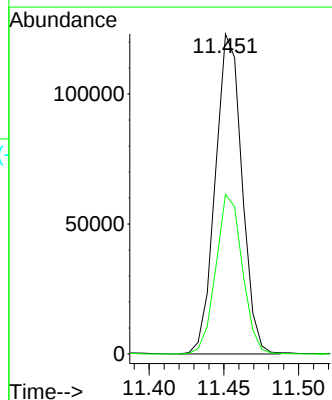
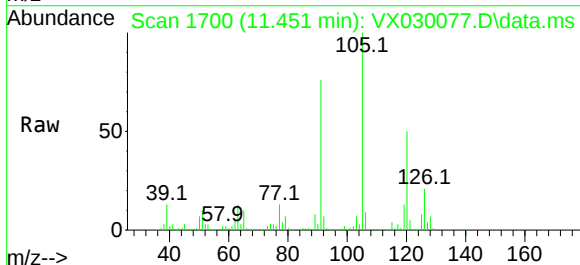
Manual Integrations
APPROVED

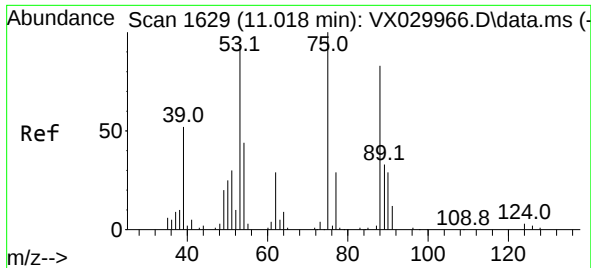
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.624 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion:105 Resp: 152324
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.0





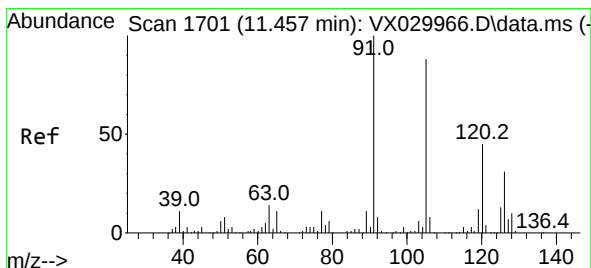
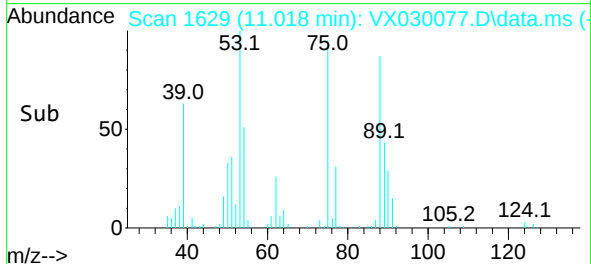
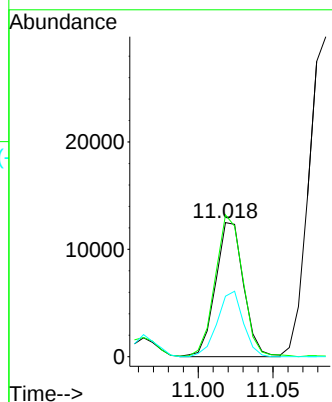
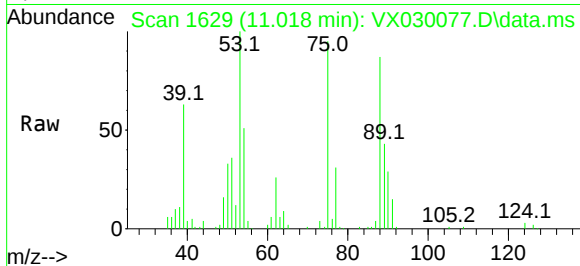
#77
t-1,4-Dichloro-2-butene
Concen: 14.915 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 16330
Ion Ratio Lower Upper
75 100
53 105.7 59.7 179.1
89 45.3 23.1 69.2

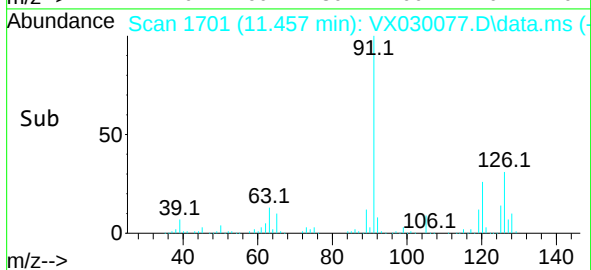
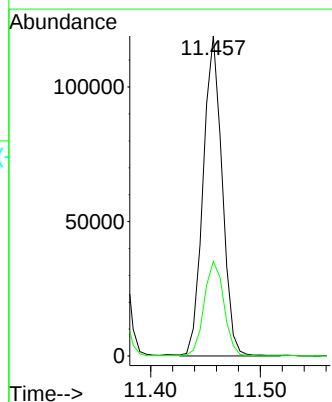
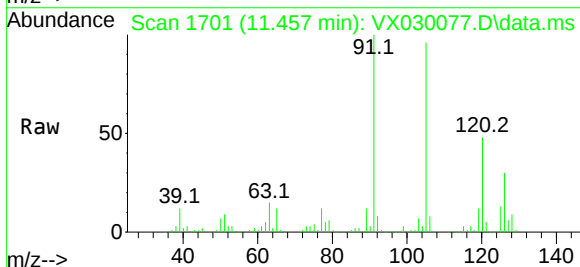
Manual Integrations
APPROVED

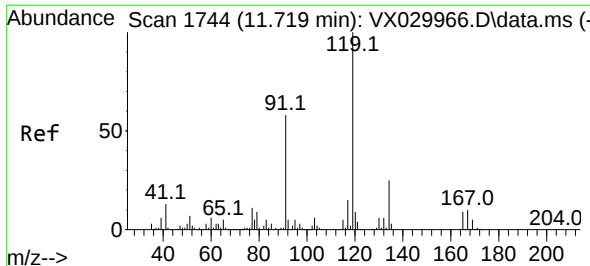
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#78
4-Chlorotoluene
Concen: 18.557 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

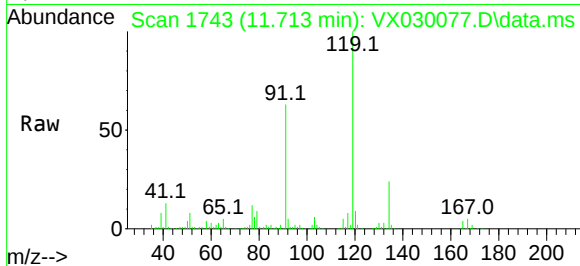
Tgt Ion: 91 Resp: 143324
Ion Ratio Lower Upper
91 100
126 30.7 0.0 59.8





#79
tert-butylbenzene
Concen: 18.280 ug/l
RT: 11.713 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

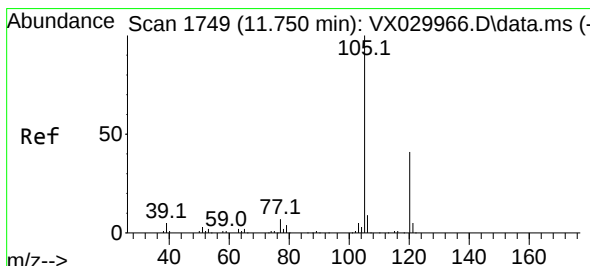
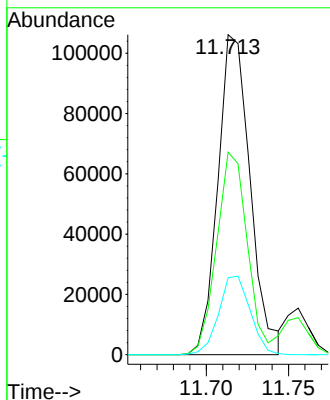
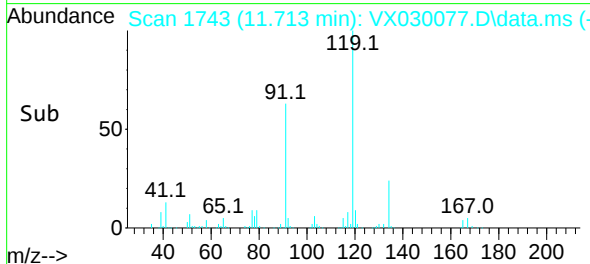
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 145450
Ion Ratio Lower Upper
119 100
91 59.8 0.0 119.4
134 23.9 0.0 48.4

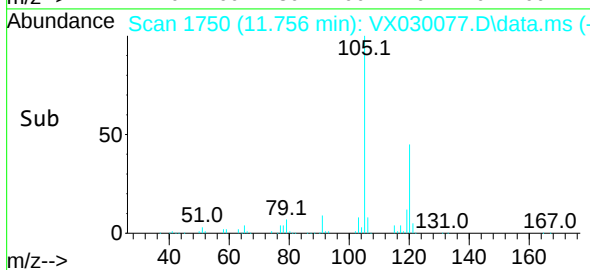
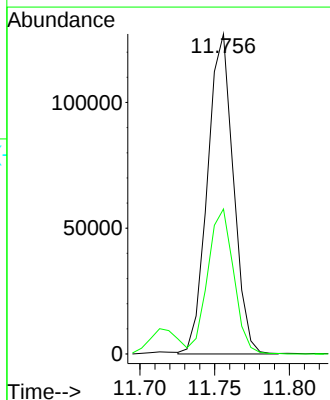
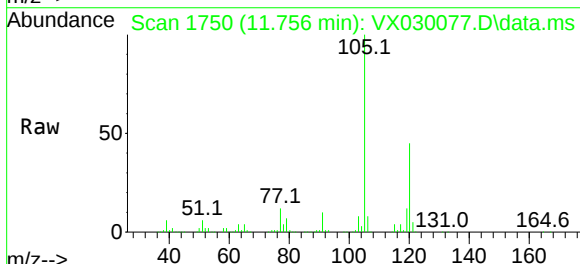
Manual Integrations
APPROVED

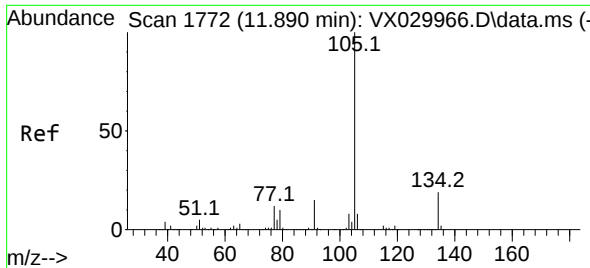
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.248 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion:105 Resp: 153437
Ion Ratio Lower Upper
105 100
120 45.4 0.0 89.6





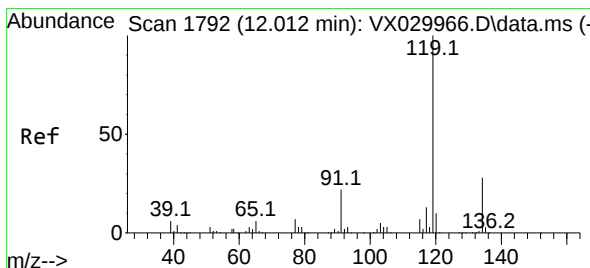
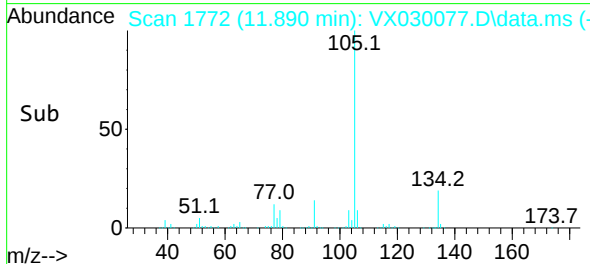
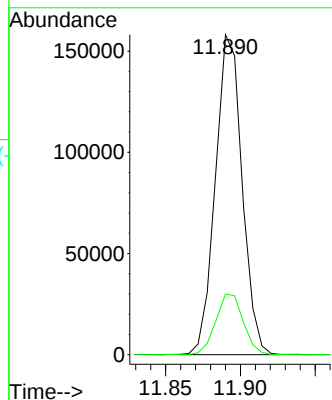
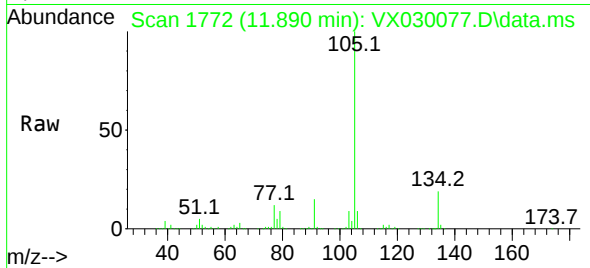
#81
 sec-Butylbenzene
 Concen: 18.227 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030077.D
 Acq: 14 Jul 2022 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 196309
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

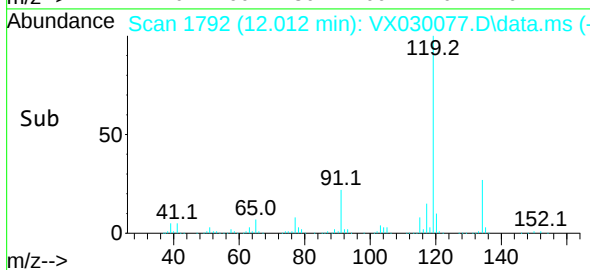
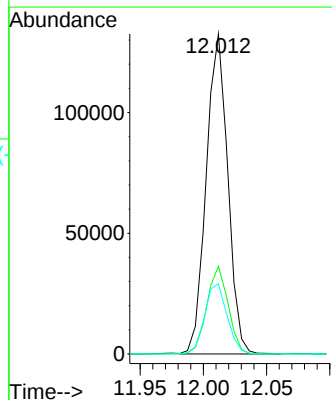
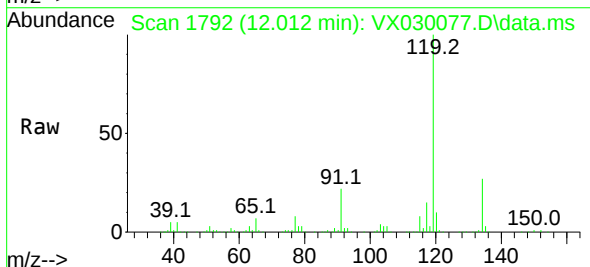
Manual Integrations
 APPROVED

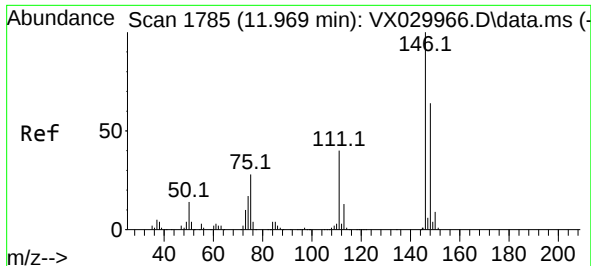
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#82
 p-Isopropyltoluene
 Concen: 18.152 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030077.D
 Acq: 14 Jul 2022 21:38

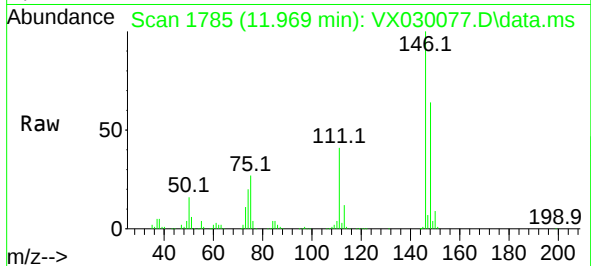
Tgt Ion:119 Resp: 157385
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 52.4
 91 22.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 18.434 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

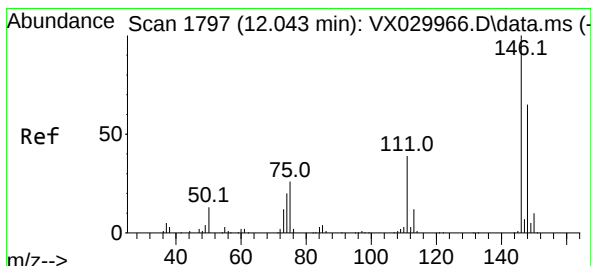
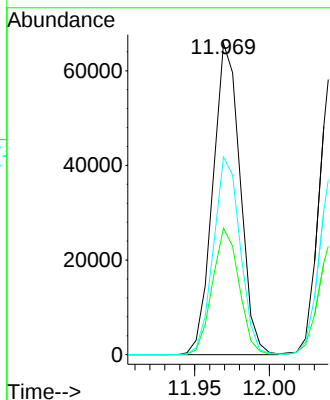
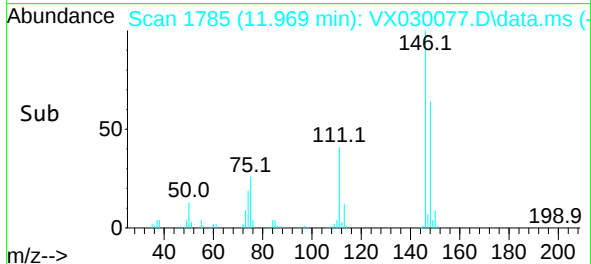
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



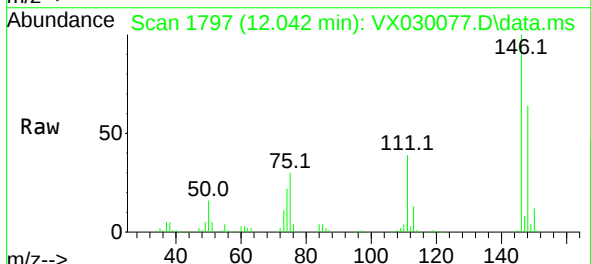
Tgt Ion:146 Resp: 8331
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 62.2 31.6 94.8

Manual Integrations
APPROVED

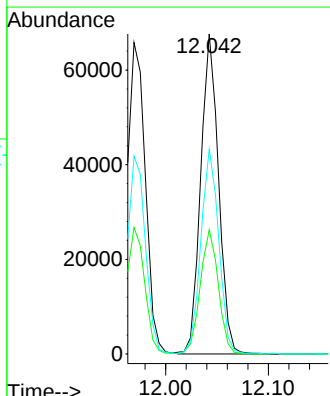
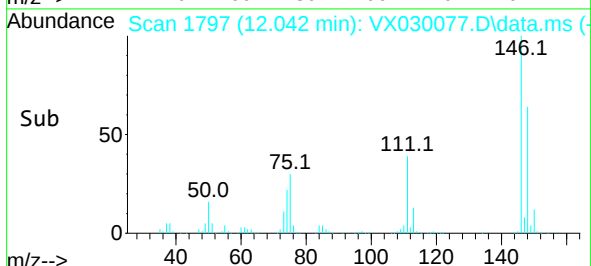
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

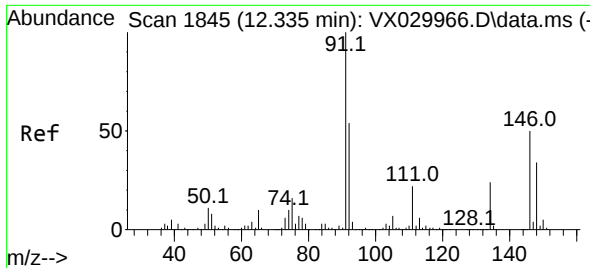


#84
1,4-Dichlorobenzene
Concen: 17.821 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



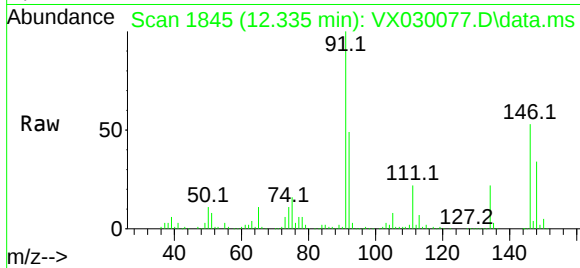
Tgt Ion:146 Resp: 81684
Ion Ratio Lower Upper
146 100
111 39.4 19.2 57.6
148 64.3 32.3 96.8





#85
n-Butylbenzene
Concen: 17.457 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

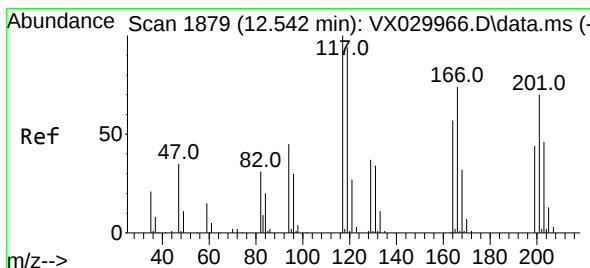
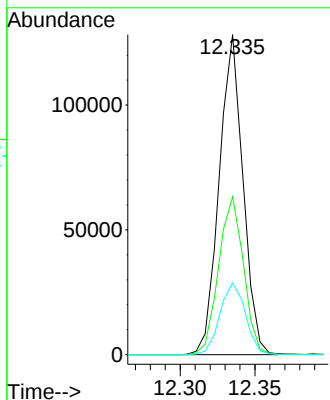
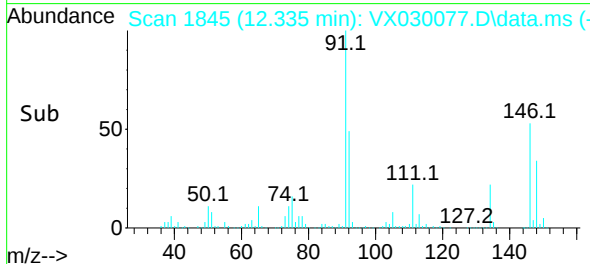
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 142030
Ion Ratio Lower Upper
91 100
92 51.5 0.0 109.4
134 24.0 0.0 56.4

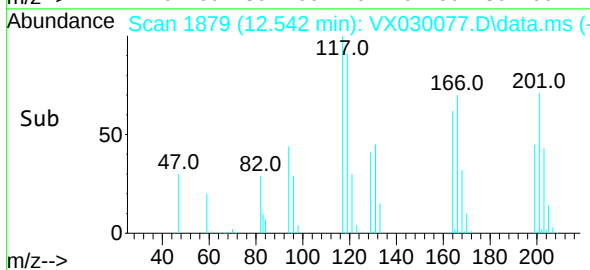
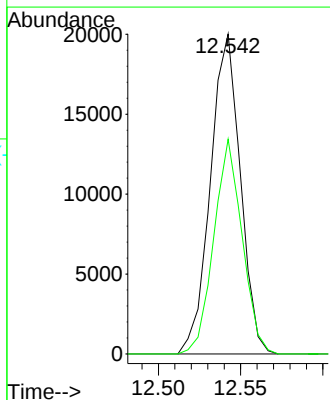
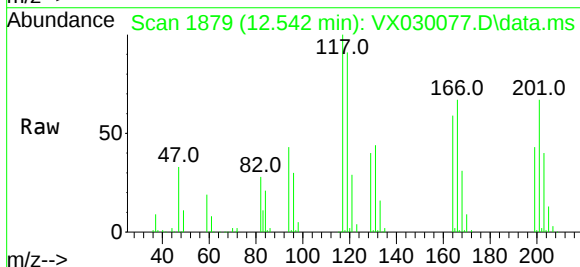
Manual Integrations
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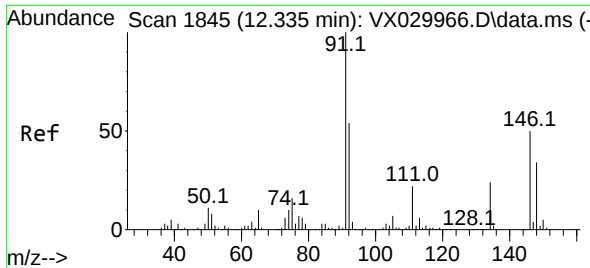
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#86
Hexachloroethane
Concen: 17.613 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

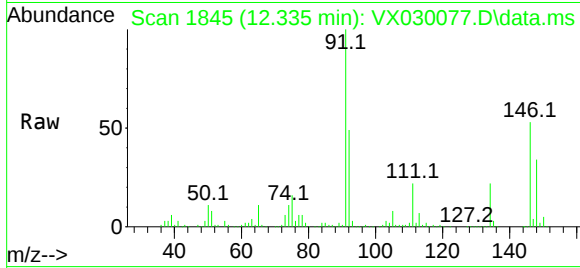
Tgt Ion:117 Resp: 25372
Ion Ratio Lower Upper
117 100
201 63.5 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 19.108 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

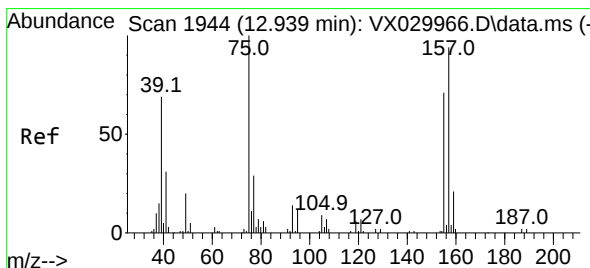
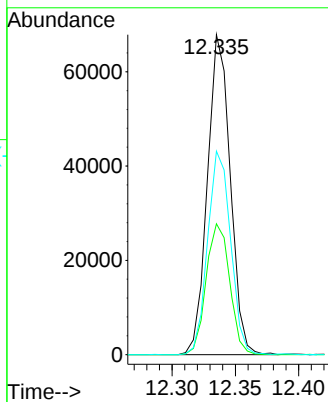
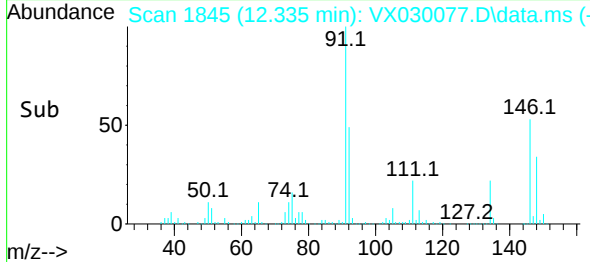
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



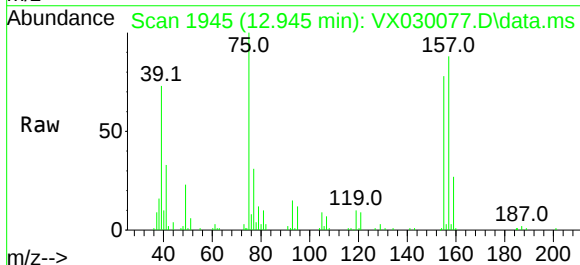
Tgt Ion:146 Resp: 8527
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.1 31.4 94.2

Manual Integrations
APPROVED

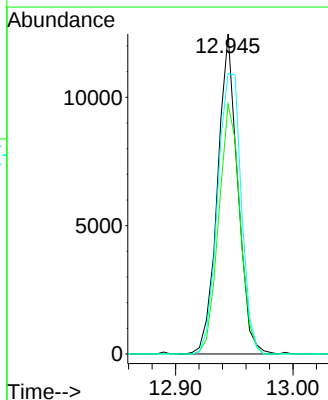
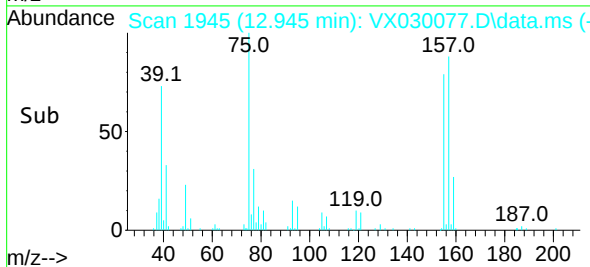
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

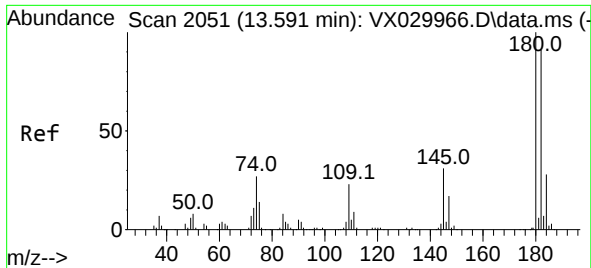


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.462 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



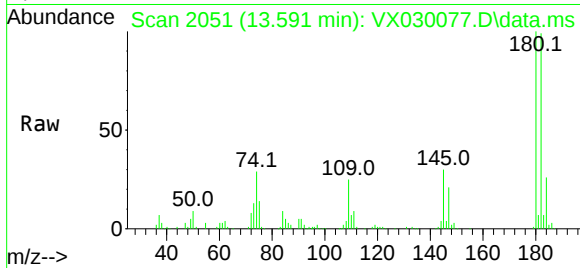
Tgt Ion: 75 Resp: 14915
Ion Ratio Lower Upper
75 100
155 82.1 74.3 111.5
157 102.2 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 17.496 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

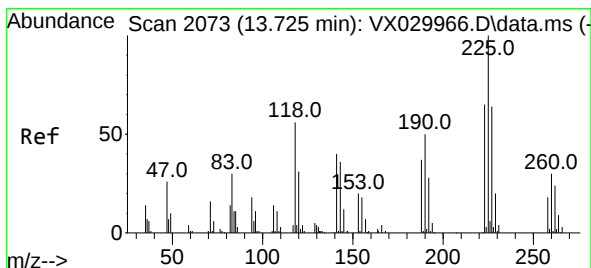
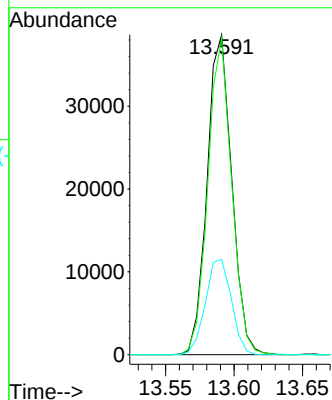
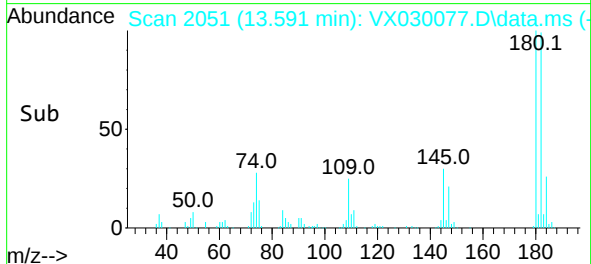
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



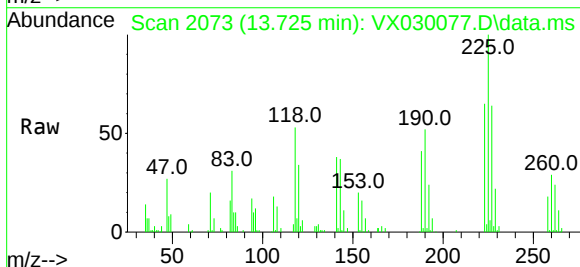
Tgt Ion:180 Resp: 4834
Ion Ratio Lower Upper
180 100
182 95.5 77.4 116.2
145 31.3 24.2 36.4

Manual Integrations
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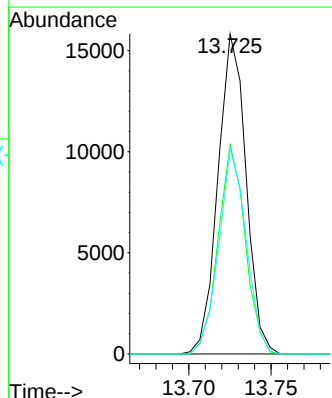
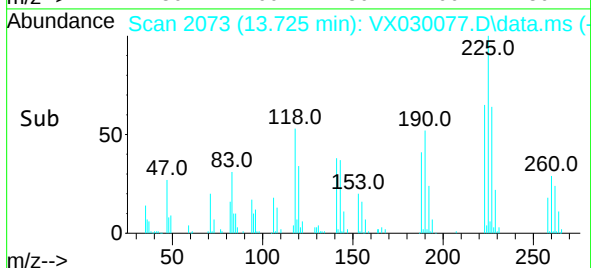
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

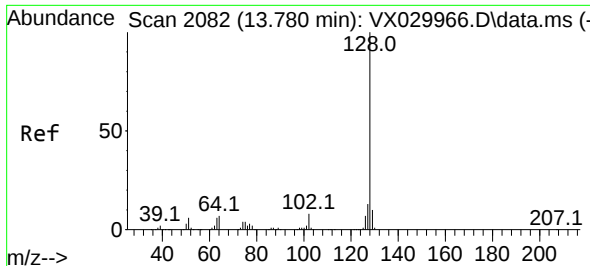


#90
Hexachlorobutadiene
Concen: 17.920 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38



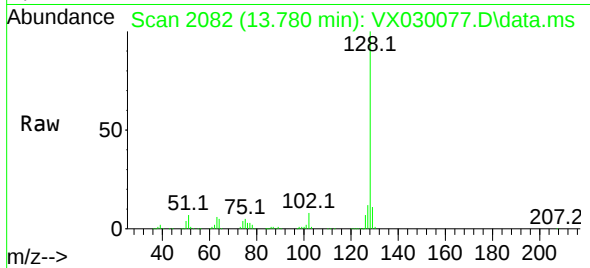
Tgt Ion:225 Resp: 18779
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.0
227 62.7 0.0 125.0





#91
Naphthalene
Concen: 18.167 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

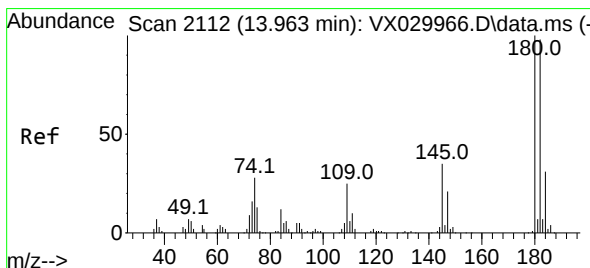
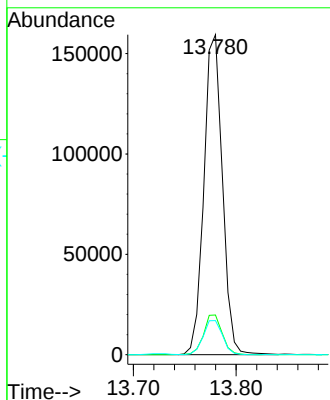
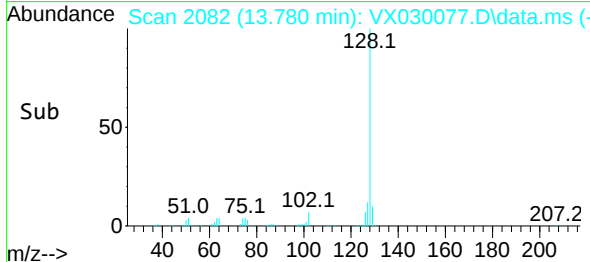
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 200083
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.947 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030077.D
Acq: 14 Jul 2022 21:38

Tgt Ion:180 Resp: 50513
Ion Ratio Lower Upper
180 100
182 95.8 0.0 189.4
145 34.0 0.0 67.2

