

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030288.D
 Acq On : 28 Jul 2022 22:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 06:01:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154869	53.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.520%			
35) Dibromofluoromethane	5.397	113	125233	50.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.653	98	480326	50.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.085	95	189525	53.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121171	51.040	ug/l	98
3) Chloromethane	1.288	50	112884	48.084	ug/l	99
4) Vinyl Chloride	1.374	62	116917	49.343	ug/l	100
5) Bromomethane	1.593	94	42871	51.792	ug/l	94
6) Chloroethane	1.672	64	71874	52.828	ug/l	96
7) Trichlorofluoromethane	1.880	101	158540	50.785	ug/l	95
8) Diethyl Ether	2.136	74	63149	51.657	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	114987	49.729	ug/l	98
10) Methyl Iodide	2.447	142	88028	39.397	ug/l	95
11) Tert butyl alcohol	2.977	59	203998	287.589	ug/l	99
12) 1,1-Dichloroethene	2.312	96	114764	50.777	ug/l	94
13) Acrolein	2.239	56	46052	264.141	ug/l	100
14) Allyl chloride	2.660	41	238533	51.145	ug/l	97
15) Acrylonitrile	3.068	53	482287	275.132	ug/l	100
16) Acetone	2.386	43	404741	271.856	ug/l	97
17) Carbon Disulfide	2.508	76	269824	44.227	ug/l	99
18) Methyl Acetate	2.709	43	237166	53.857	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	431661	55.757	ug/l	97
20) Methylene Chloride	2.788	84	139860	55.064	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	125670	50.376	ug/l	94
22) Diisopropyl ether	3.770	45	494379	56.025	ug/l	89
23) Vinyl Acetate	3.727	43	2148697	280.706	ug/l	98
24) 1,1-Dichloroethane	3.611	63	247065	52.690	ug/l	99
25) 2-Butanone	4.568	43	694597	277.634	ug/l	95
26) 2,2-Dichloropropane	4.477	77	136315	40.203	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	153052	52.173	ug/l	96
28) Bromochloromethane	4.910	49	104532	52.769	ug/l	92
29) Tetrahydrofuran	5.013	42	460759	273.718	ug/l	95
30) Chloroform	5.099	83	248526	53.531	ug/l	98
31) Cyclohexane	5.470	56	219304	51.941	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	203209	53.847	ug/l	99
36) 1,1-Dichloropropene	5.696	75	175871	49.407	ug/l	97
37) Ethyl Acetate	4.721	43	253598	50.308	ug/l	98
38) Carbon Tetrachloride	5.684	117	162015	48.754	ug/l	93
39) Methylcyclohexane	7.385	83	216096	47.031	ug/l	95
40) Benzene	6.043	78	562691	50.242	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	143663	53.167	ug/l	96
42) 1,2-Dichloroethane	6.092	62	197115	50.934	ug/l	96
43) Isopropyl Acetate	6.348	43	395629	53.538	ug/l	97
44) Trichloroethene	7.129	130	144255	47.138	ug/l	93
45) 1,2-Dichloropropane	7.434	63	152837	51.165	ug/l	98
46) Dibromomethane	7.586	93	98520	48.499	ug/l	96
47) Bromodichloromethane	7.824	83	187489	50.771	ug/l	96
48) Methyl methacrylate	7.696	41	192666	52.970	ug/l	96
49) 1,4-Dioxane	7.665	88	85874	1022.220	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1357197	270.533	ug/l	97
52) Toluene	8.720	92	346706	50.740	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	198733	49.924	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	215849	49.758	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	148276	50.966	ug/l	98
56) Ethyl methacrylate	9.122	69	251375	54.657	ug/l	95
57) 1,3-Dichloropropane	9.311	76	246927	51.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	635335	278.347	ug/l	96
59) 2-Hexanone	9.433	43	1087973	274.885	ug/l	96
60) Dibromochloromethane	9.525	129	139559	51.820	ug/l	97
61) 1,2-Dibromoethane	9.610	107	153854	50.646	ug/l	98
64) Tetrachloroethene	9.275	164	140769	49.088	ug/l	99
65) Chlorobenzene	10.079	112	366286	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	129700	52.729	ug/l	99
67) Ethyl Benzene	10.195	91	680890	49.495	ug/l	96
68) m/p-Xylenes	10.305	106	514589	104.982	ug/l	95
69) o-Xylene	10.646	106	253654	52.505	ug/l	92
70) Styrene	10.659	104	432358	54.473	ug/l	97
71) Bromoform	10.805	173	99683	55.125	ug/l #	100
73) Isopropylbenzene	10.963	105	668523	50.478	ug/l	98
74) N-amyl acetate	10.848	43	358835	55.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	240981	49.713	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	232885m	52.078	ug/l	
77) Bromobenzene	11.201	156	153617	49.419	ug/l	92
78) n-propylbenzene	11.305	91	809140	51.189	ug/l	99
79) 2-Chlorotoluene	11.366	91	488694	48.958	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	564698	50.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	72111	48.376	ug/l	96
82) 4-Chlorotoluene	11.457	91	552846	50.691	ug/l	97
83) tert-Butylbenzene	11.719	119	524607	51.038	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	566252	51.181	ug/l	97
85) sec-Butylbenzene	11.890	105	737737	52.439	ug/l	98
86) p-Isopropyltoluene	12.012	119	596175	52.967	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	302125	49.976	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	298252	48.464	ug/l	99
89) n-Butylbenzene	12.335	91	572823	54.664	ug/l	99
90) Hexachloroethane	12.542	117	100562	51.891	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	300964	50.721	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63939	54.995	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	174079	50.588	ug/l	98
94) Hexachlorobutadiene	13.725	225	67350	48.744	ug/l	99
95) Naphthalene	13.780	128	766971	57.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181857	51.531	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

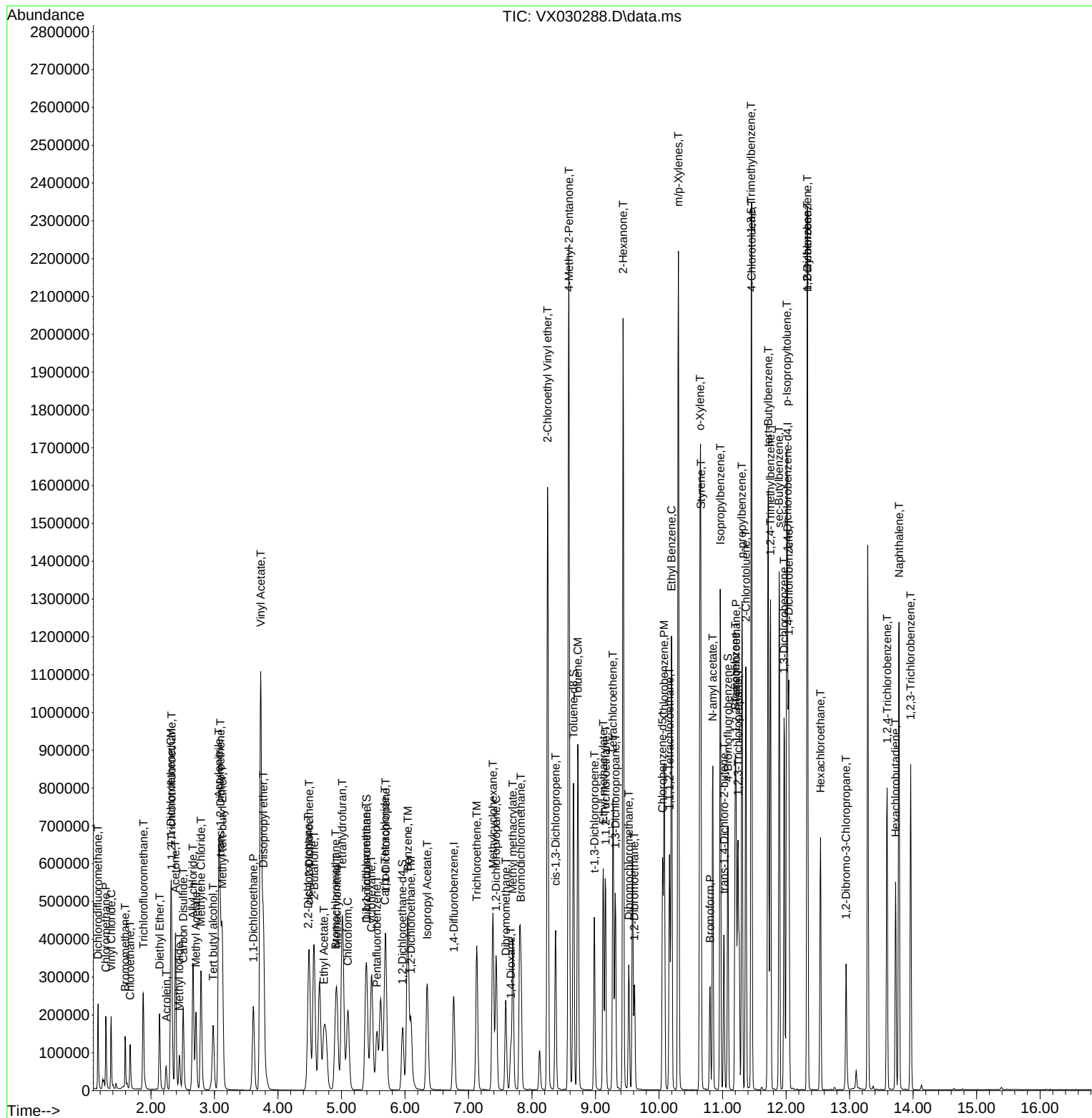
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
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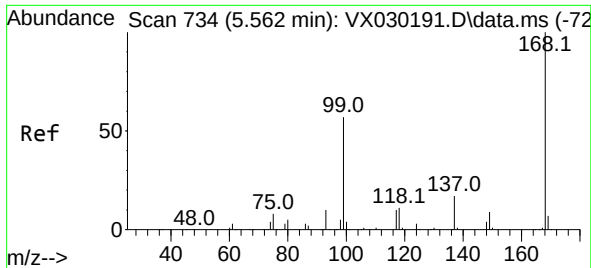
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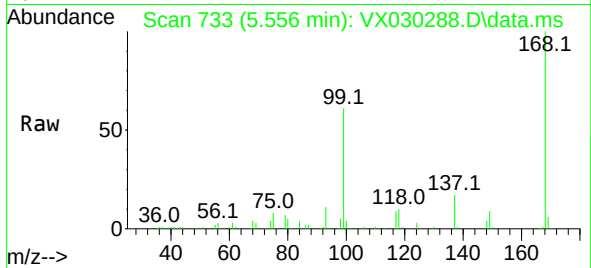
Reviewed By : John Carlone 07/29/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030288.D
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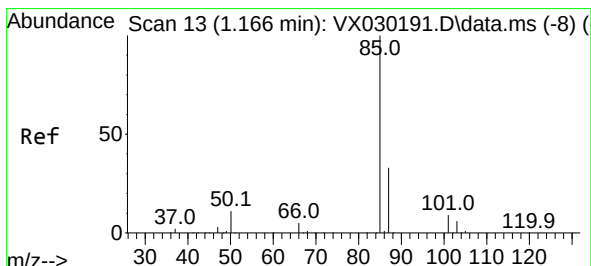
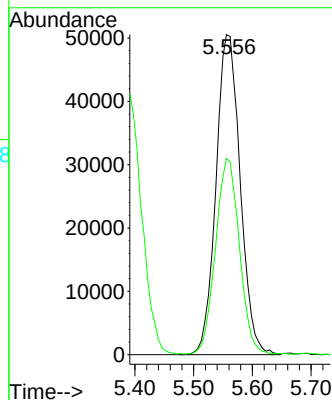
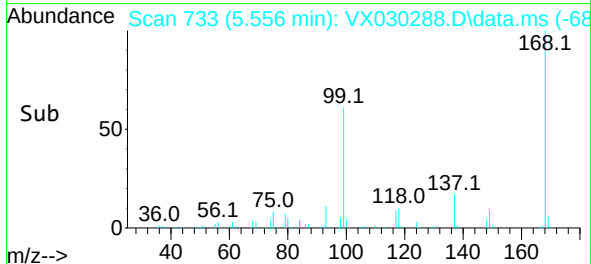
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



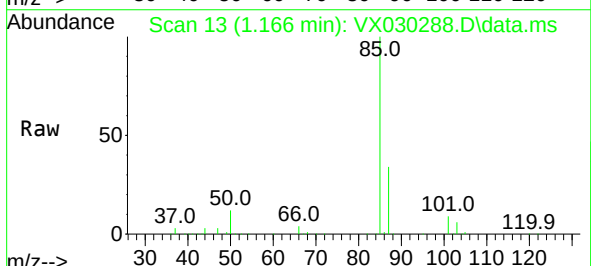
Tgt Ion:168 Resp: 144680
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0

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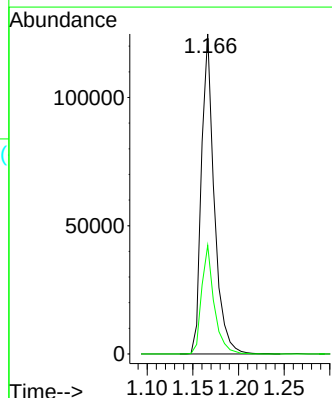
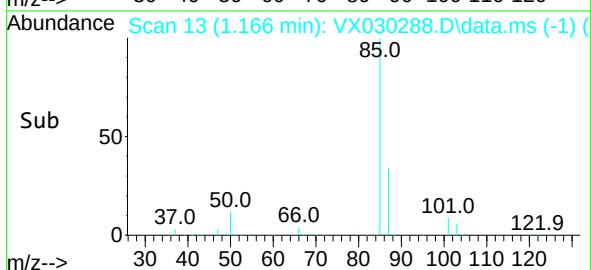
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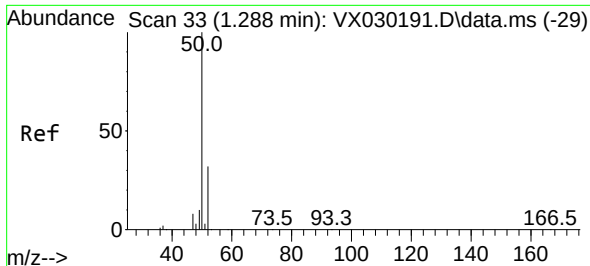


#2
Dichlorodifluoromethane
Concen: 51.040 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



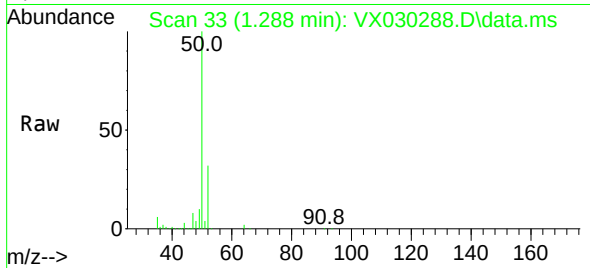
Tgt Ion: 85 Resp: 121171
Ion Ratio Lower Upper
85 100
87 33.9 16.5 49.5





#3
Chloromethane
Concen: 48.084 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

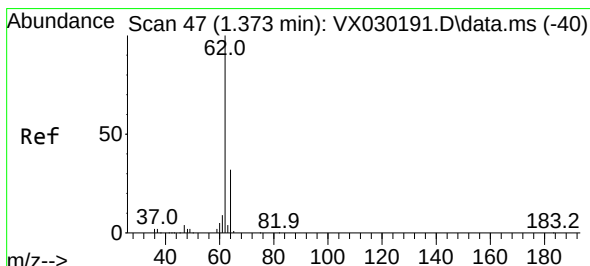
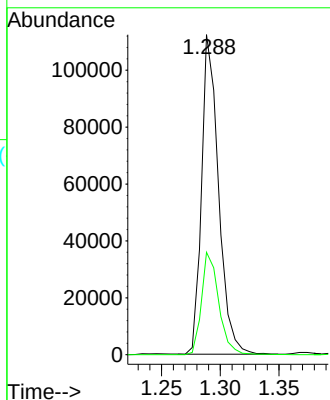
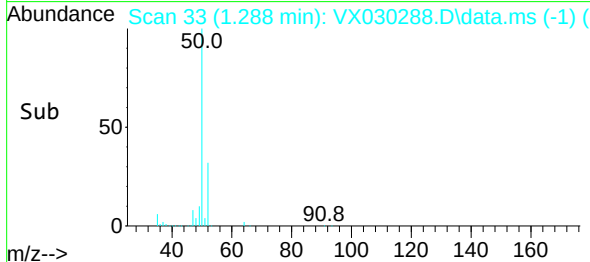
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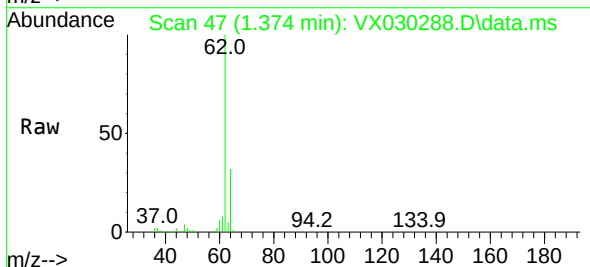
Tgt Ion: 50 Resp: 112884
Ion Ratio Lower Upper
50 100
52 32.1 26.3 39.5

Manual Integrations
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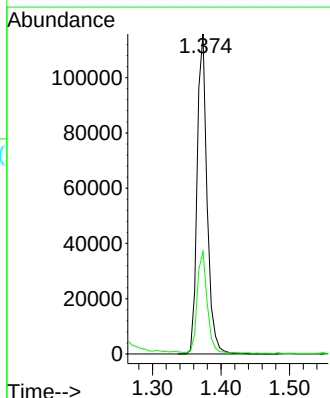
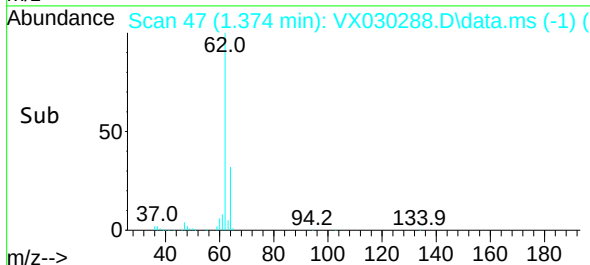
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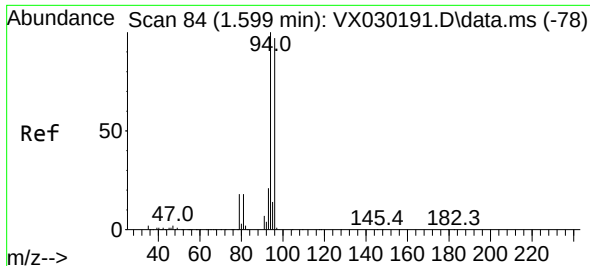


#4
Vinyl Chloride
Concen: 49.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



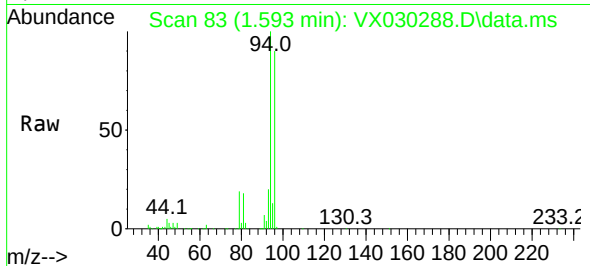
Tgt Ion: 62 Resp: 116917
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 51.792 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

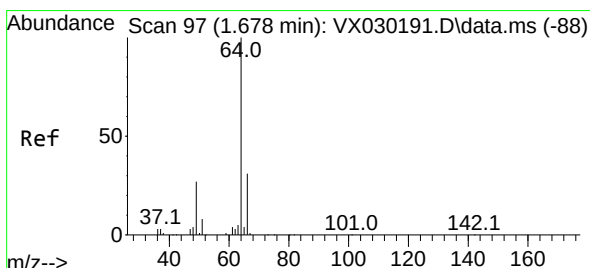
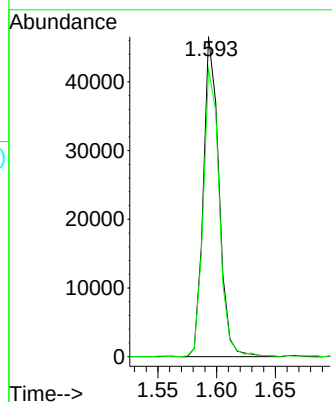
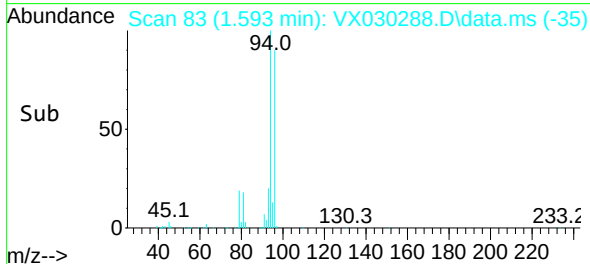
Instrument :
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Tgt Ion: 94 Resp: 4287
Ion Ratio Lower Upper
94 100
96 89.8 76.9 115.3

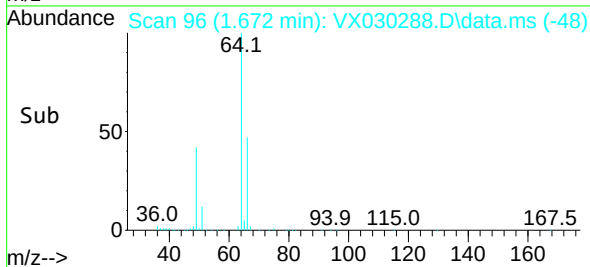
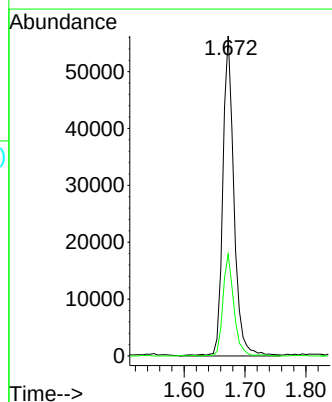
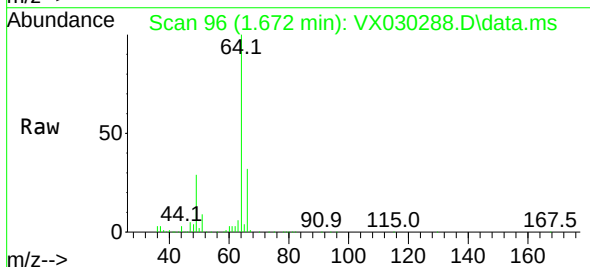
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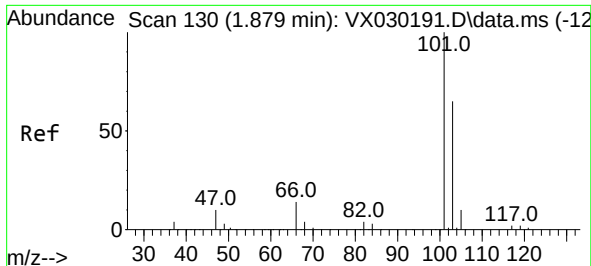
Reviewed By :John Carlone 07/29/2022
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#6
Chloroethane
Concen: 52.828 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Tgt Ion: 64 Resp: 71874
Ion Ratio Lower Upper
64 100
66 31.8 27.2 40.8





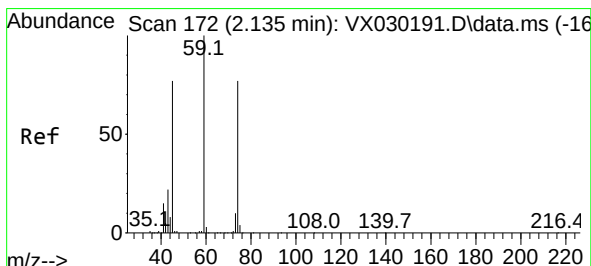
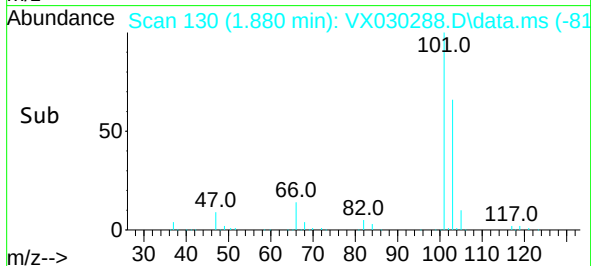
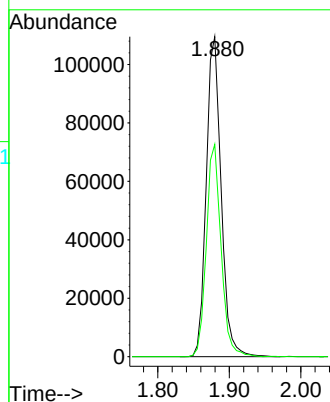
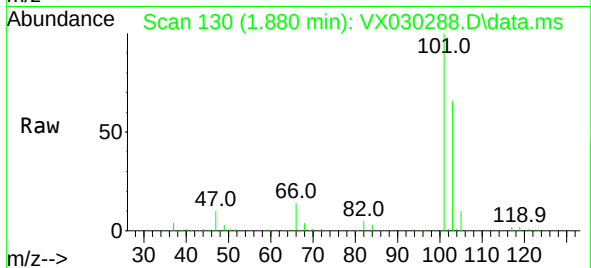
#7
Trichlorofluoromethane
Concen: 50.785 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 158540
Ion Ratio Lower Upper
101 100
103 66.3 49.7 74.5

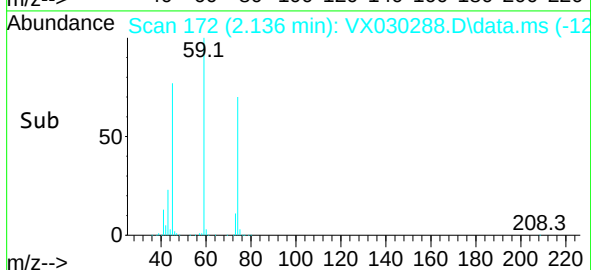
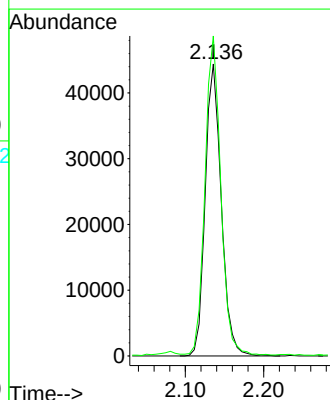
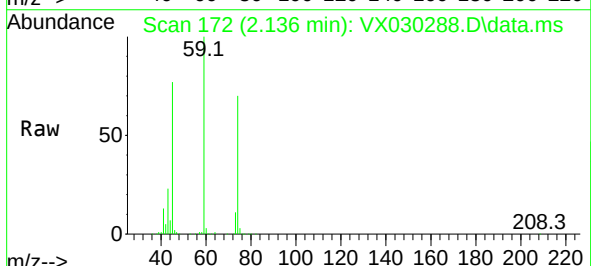
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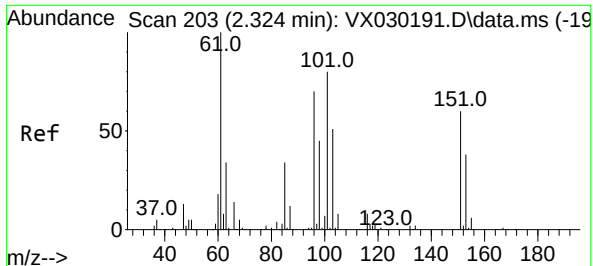
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#8
Diethyl Ether
Concen: 51.657 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030288.D
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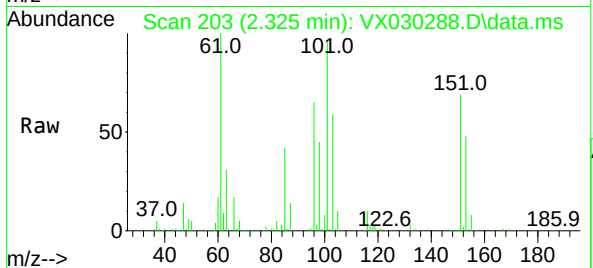
Tgt Ion: 74 Resp: 63149
Ion Ratio Lower Upper
74 100
45 107.0 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.729 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

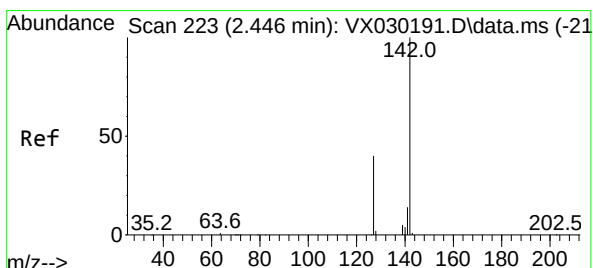
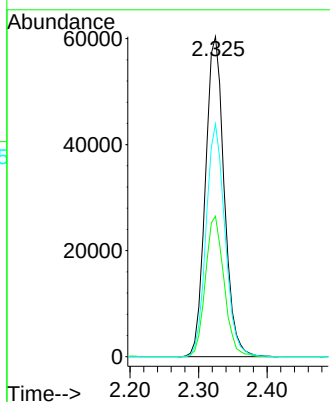
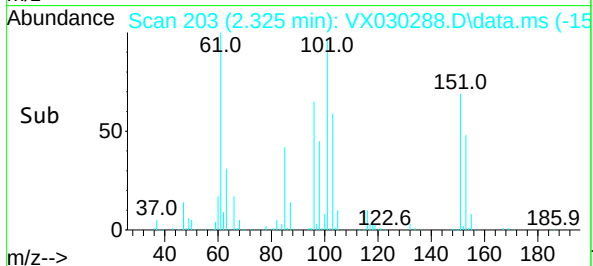
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11498
Ion Ratio Lower Upper
101 100
85 43.6 34.0 51.0
151 73.0 59.4 89.0

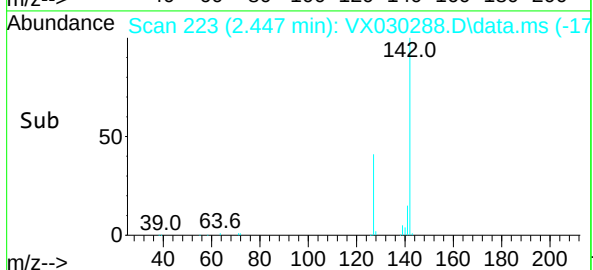
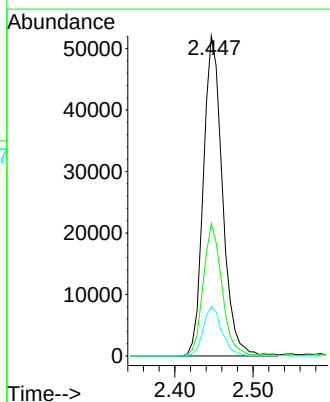
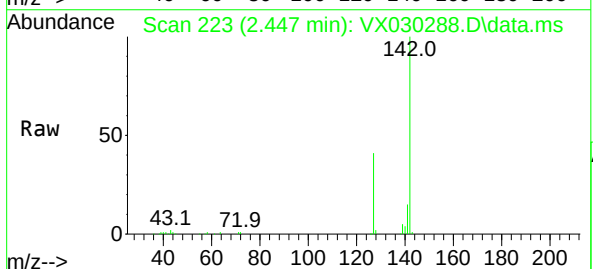
Manual Integrations
APPROVED

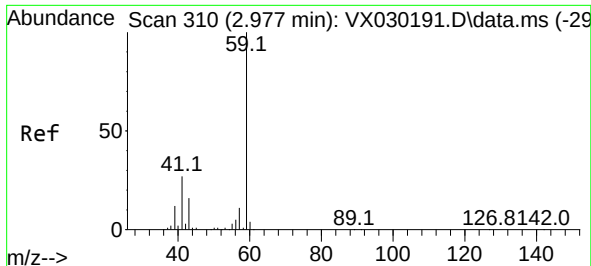
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 39.397 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

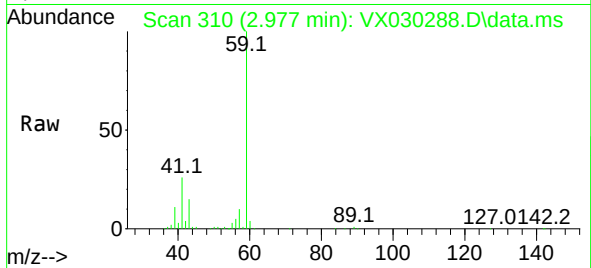
Tgt Ion:142 Resp: 88028
Ion Ratio Lower Upper
142 100
127 40.9 30.2 45.2
141 15.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 287.589 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

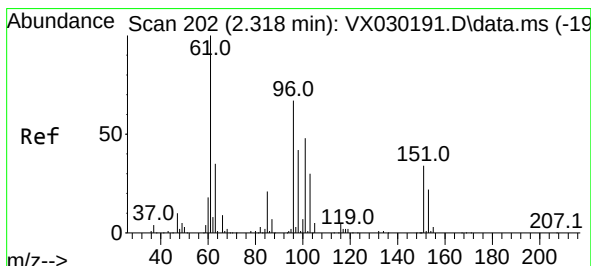
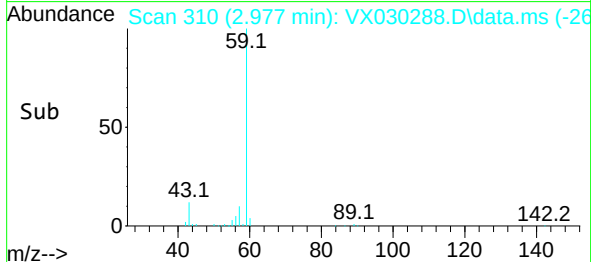
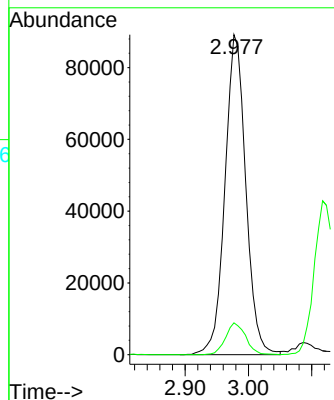
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 203998
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2

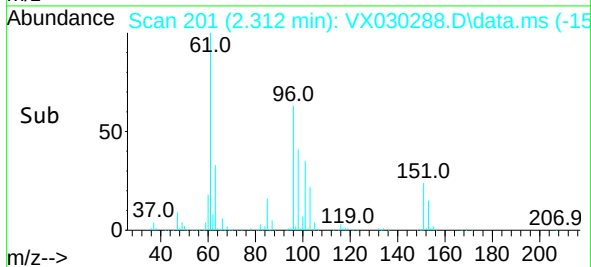
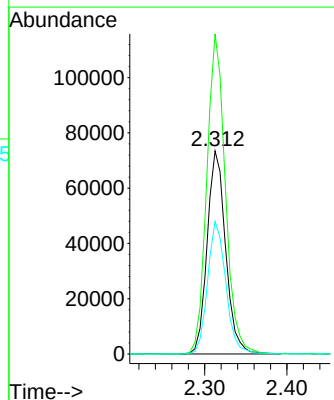
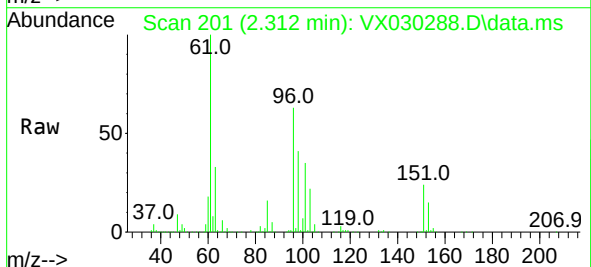
Manual Integrations
APPROVED

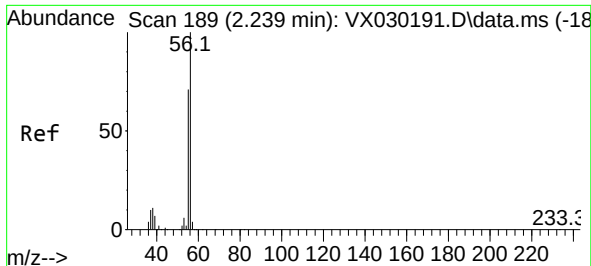
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#12
1,1-Dichloroethene
Concen: 50.777 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

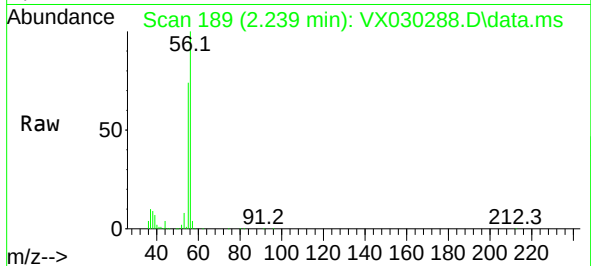
Tgt Ion: 96 Resp: 114764
Ion Ratio Lower Upper
96 100
61 157.6 117.4 176.0
98 65.2 52.2 78.4





#13
Acrolein
Concen: 264.141 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

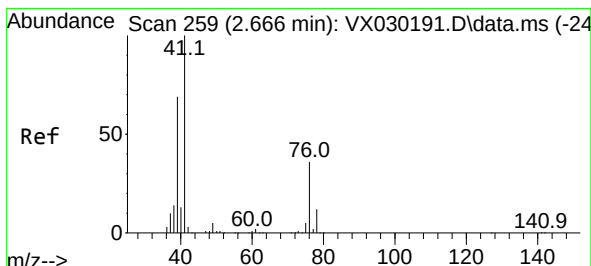
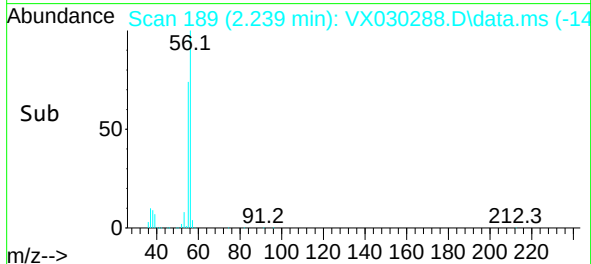
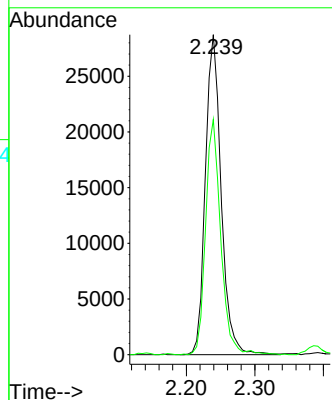
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 46052
Ion Ratio Lower Upper
56 100
55 70.8 56.6 84.8

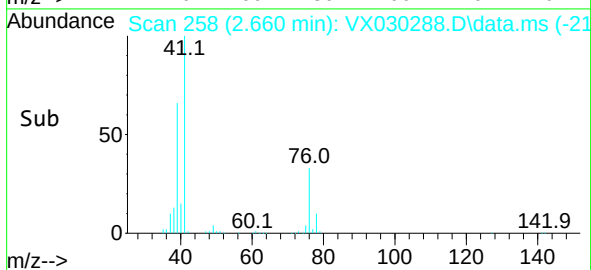
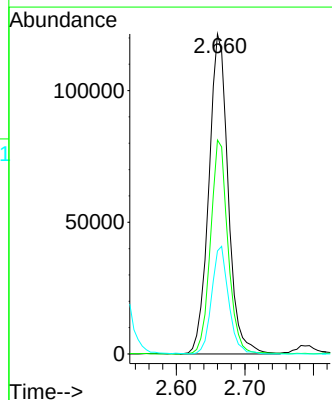
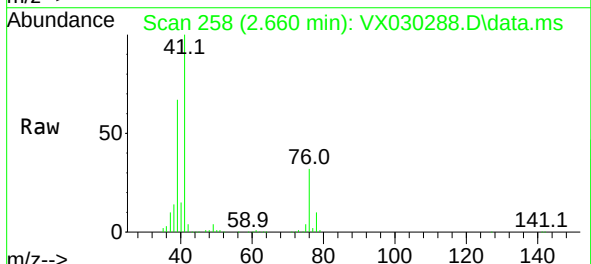
Manual Integrations
APPROVED

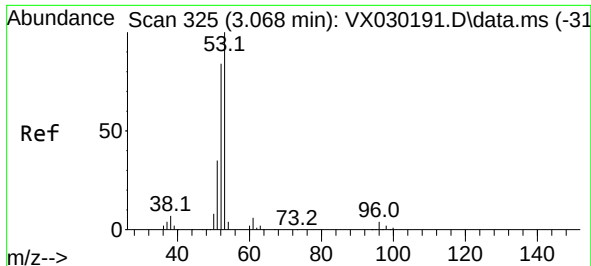
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#14
Allyl chloride
Concen: 51.145 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

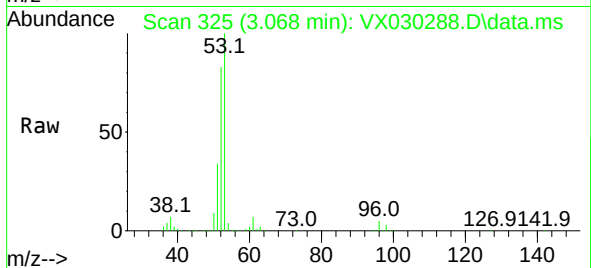
Tgt Ion: 41 Resp: 238533
Ion Ratio Lower Upper
41 100
39 60.5 48.9 73.3
76 29.5 26.9 40.3





#15
Acrylonitrile
Concen: 275.132 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

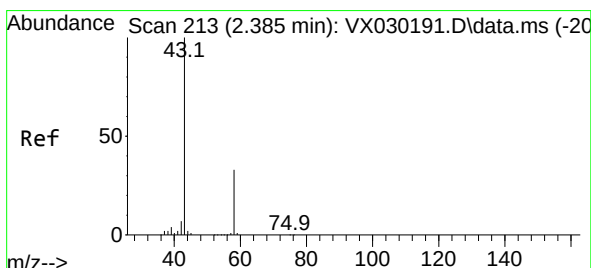
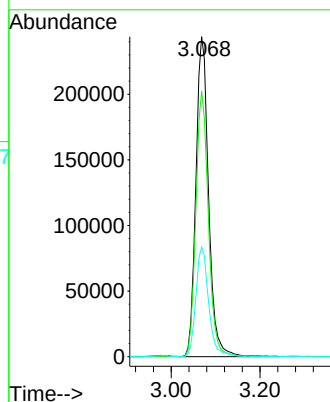
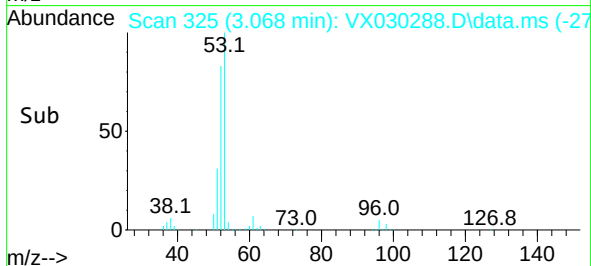
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



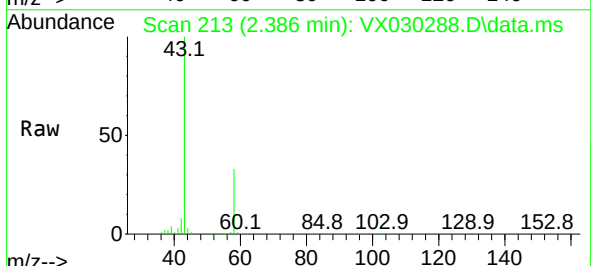
Tgt Ion: 53 Resp: 48228
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.0
51 34.7 27.7 41.5

Manual Integrations
APPROVED

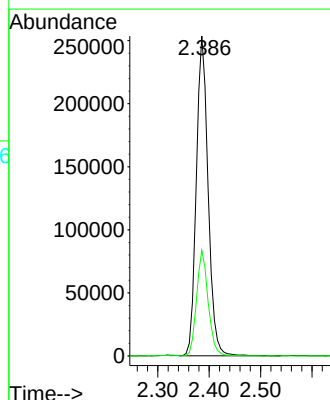
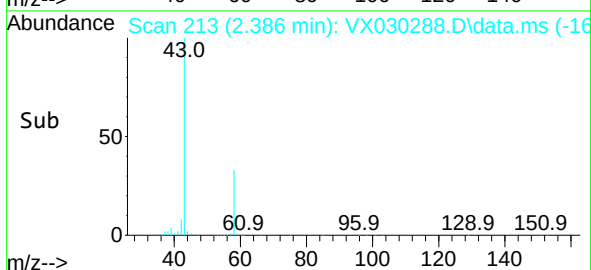
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

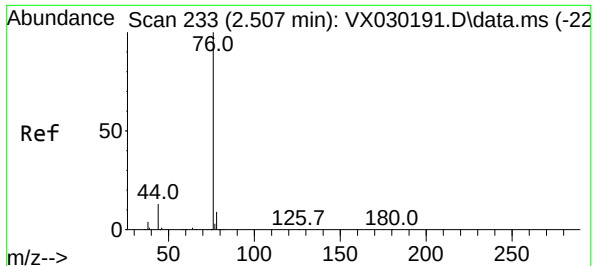


#16
Acetone
Concen: 271.856 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



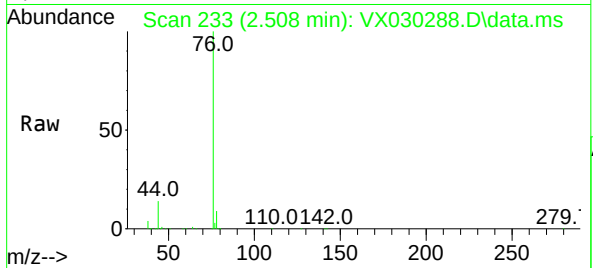
Tgt Ion: 43 Resp: 404741
Ion Ratio Lower Upper
43 100
58 33.0 27.7 41.5





#17
Carbon Disulfide
Concen: 44.227 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

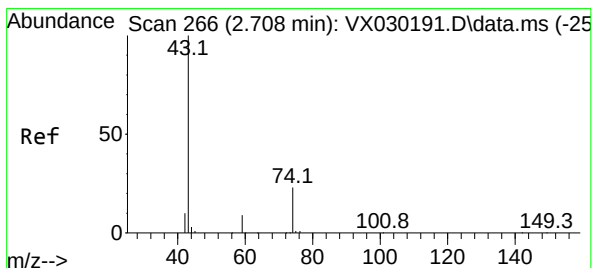
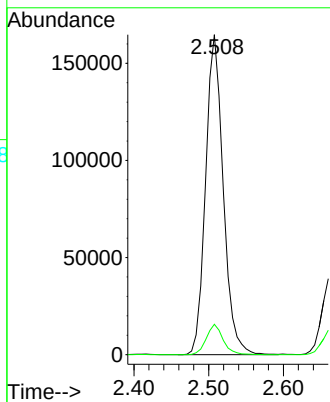
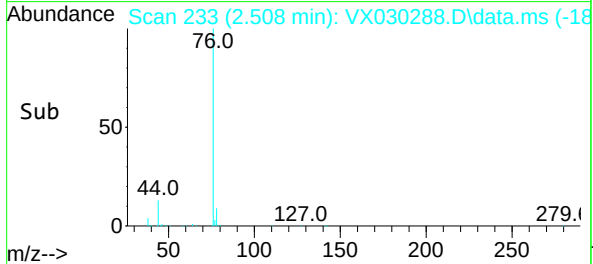
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



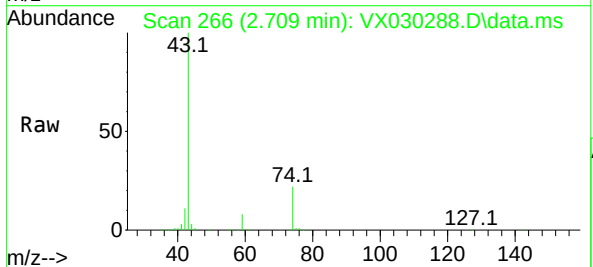
Tgt Ion: 76 Resp: 269824
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

Manual Integrations
APPROVED

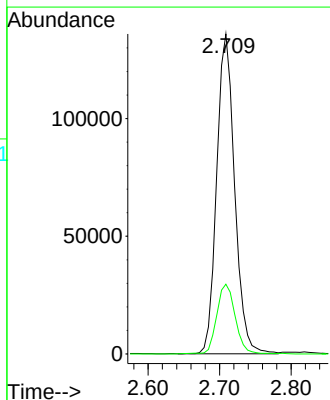
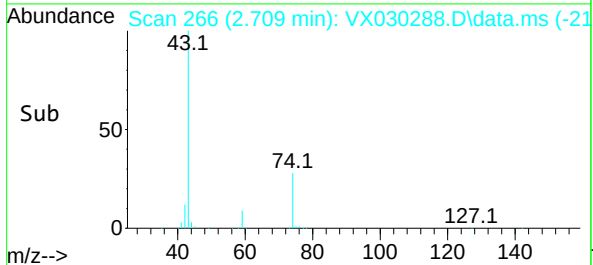
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

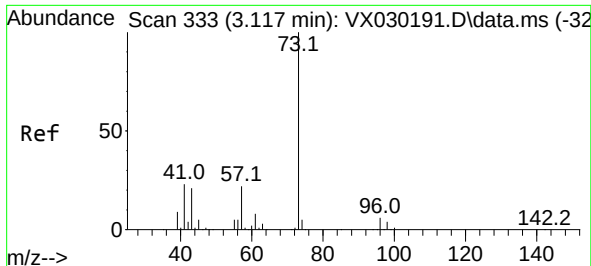


#18
Methyl Acetate
Concen: 53.857 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



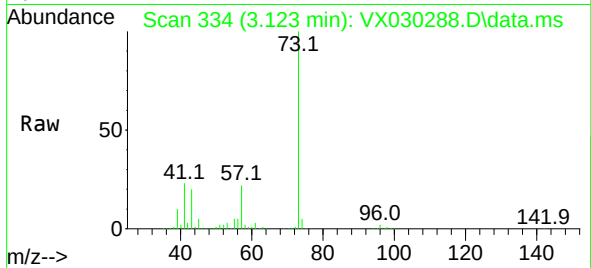
Tgt Ion: 43 Resp: 237166
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 55.757 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

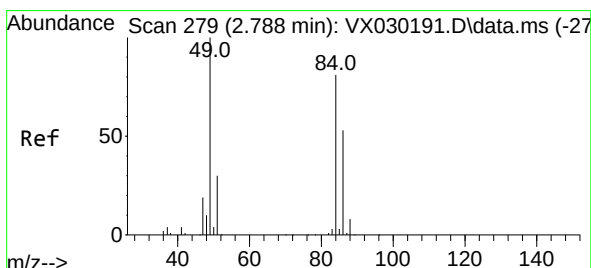
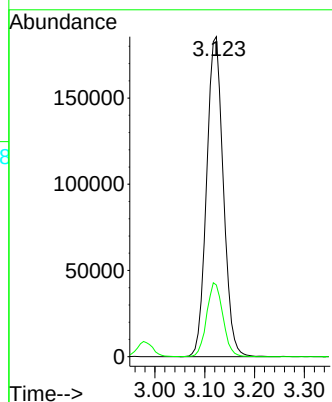
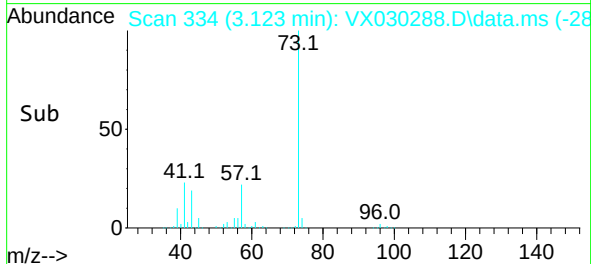
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 43166
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6

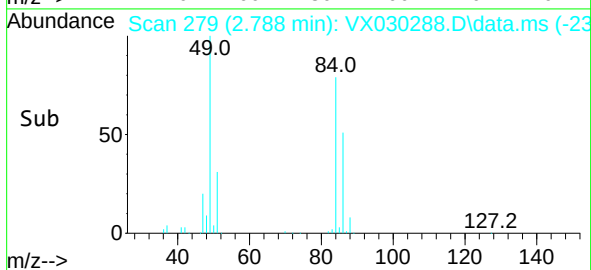
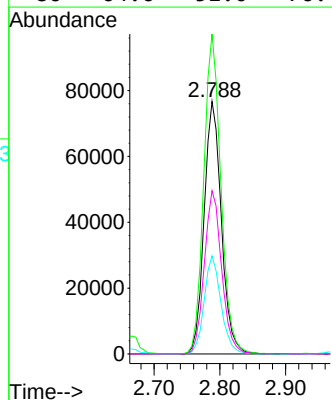
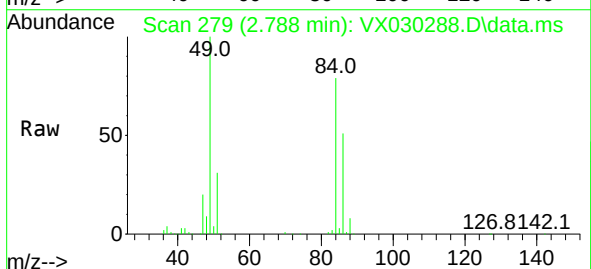
Manual Integrations
APPROVED

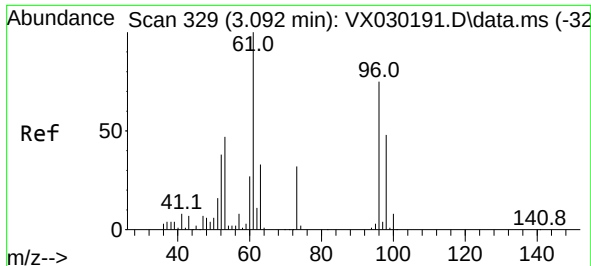
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#20
Methylene Chloride
Concen: 55.064 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

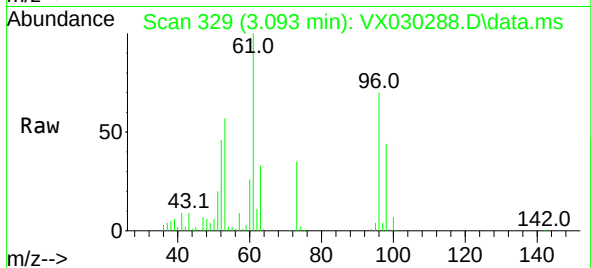
Tgt Ion: 84 Resp: 139860
Ion Ratio Lower Upper
84 100
49 126.8 93.8 140.6
51 38.9 29.4 44.0
86 64.6 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 50.376 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

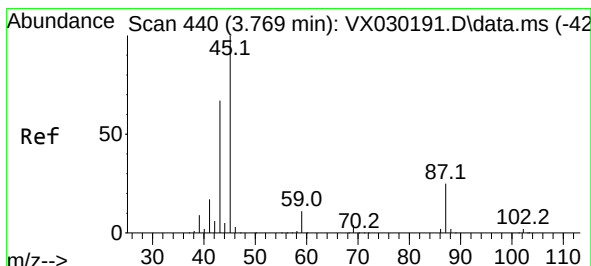
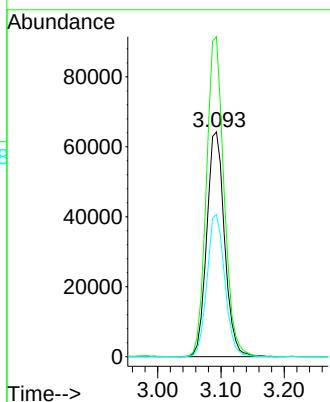
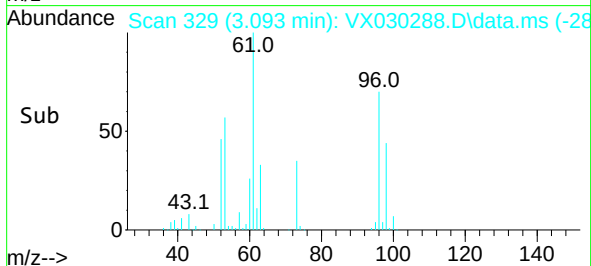
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



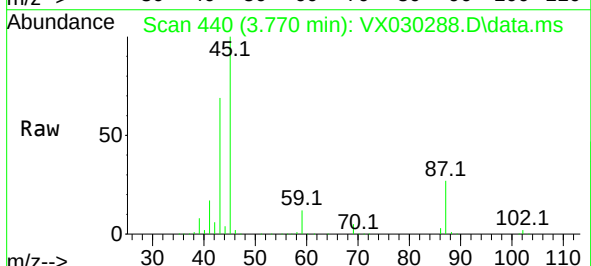
Tgt Ion: 96 Resp: 125670
Ion Ratio Lower Upper
96 100
61 142.3 105.6 158.4
98 63.2 50.1 75.1

Manual Integrations
APPROVED

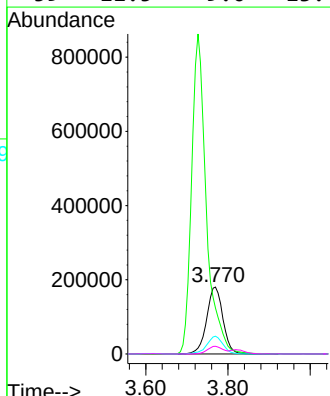
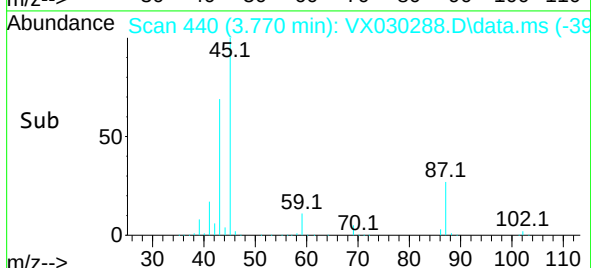
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

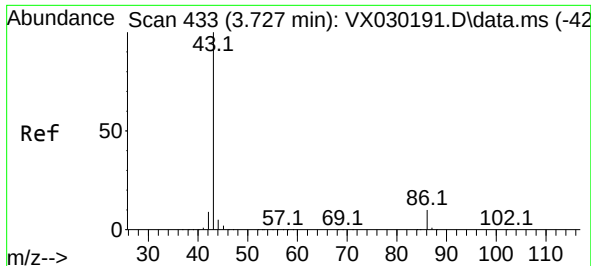


#22
Diisopropyl ether
Concen: 56.025 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion: 45 Resp: 494379
Ion Ratio Lower Upper
45 100
43 68.3 65.4 98.0
87 26.6 22.3 33.5
59 11.5 9.0 13.4





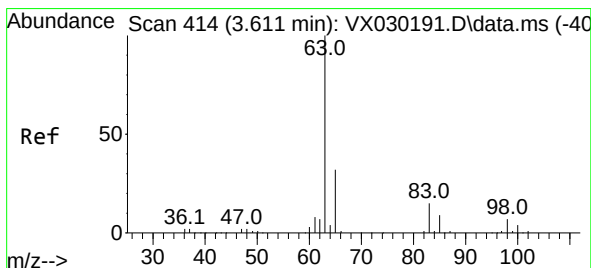
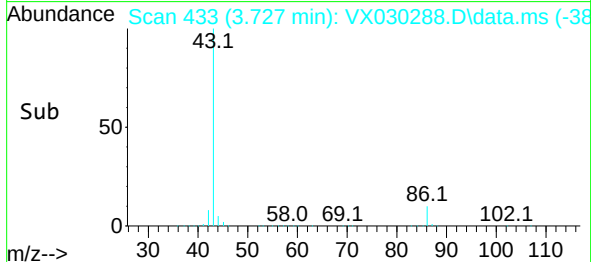
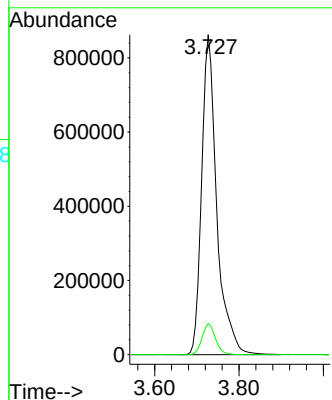
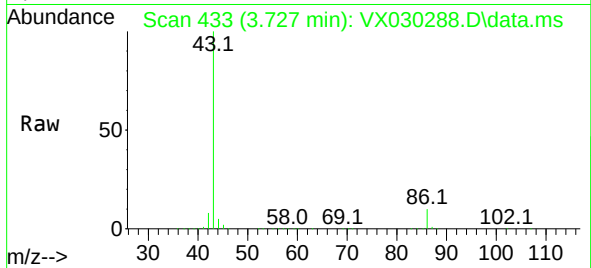
#23
 Vinyl Acetate
 Concen: 280.706 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 214869
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

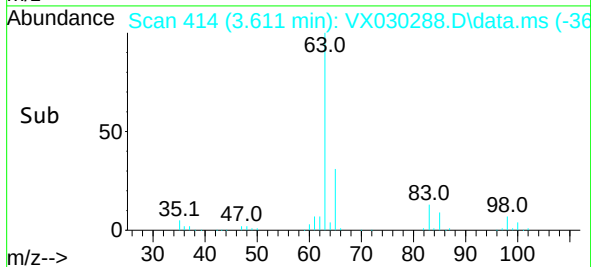
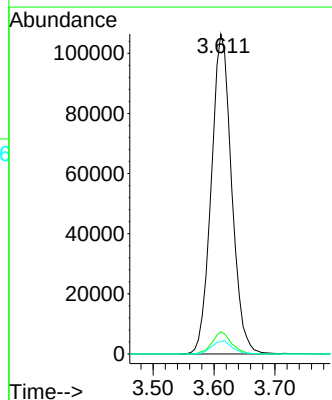
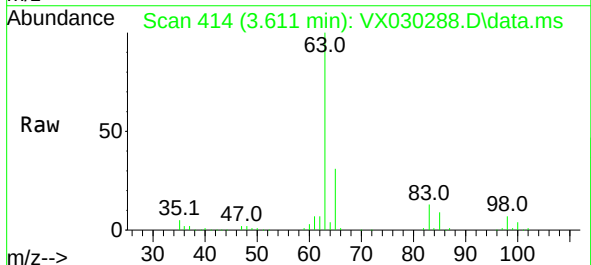
Manual Integrations
 APPROVED

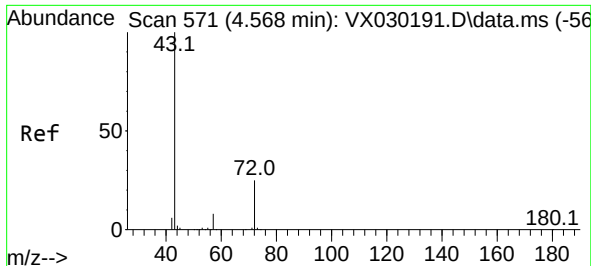
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#24
 1,1-Dichloroethane
 Concen: 52.690 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27

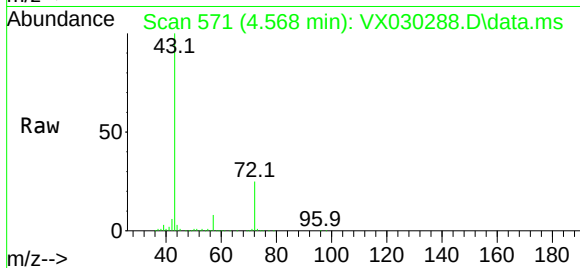
Tgt Ion: 63 Resp: 247065
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 3.9 2.3 6.9





#25
2-Butanone
Concen: 277.634 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

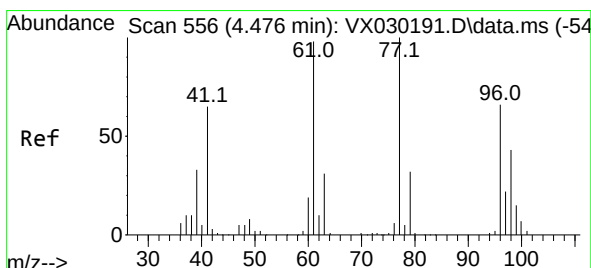
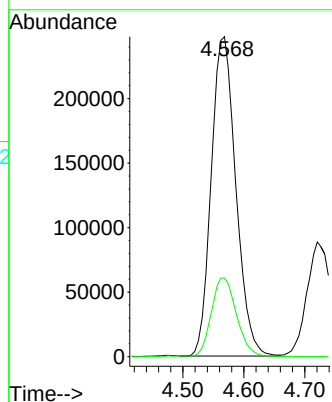
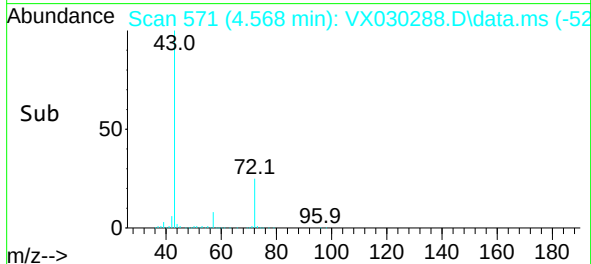
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69459
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5

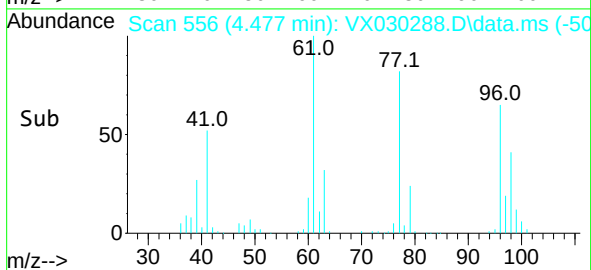
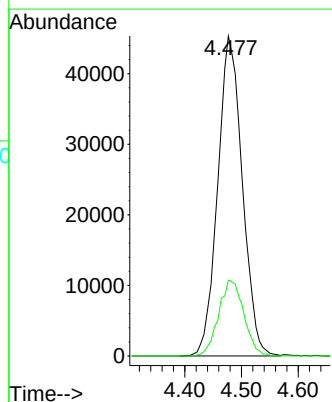
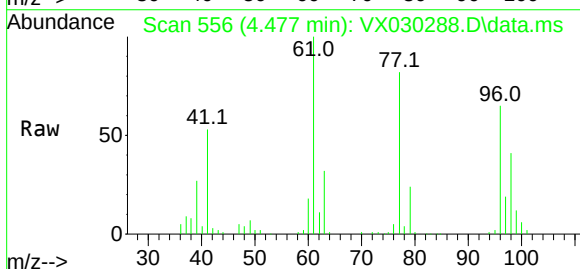
Manual Integrations
APPROVED

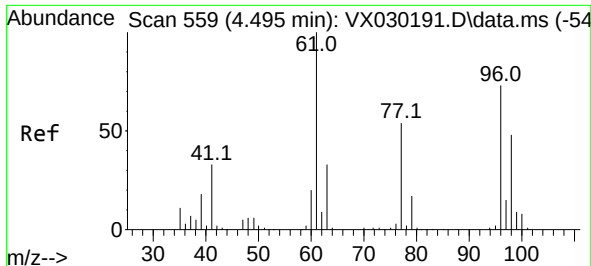
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#26
2,2-Dichloropropane
Concen: 40.203 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Tgt Ion: 77 Resp: 136315
Ion Ratio Lower Upper
77 100
97 24.3 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 52.173 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 153052

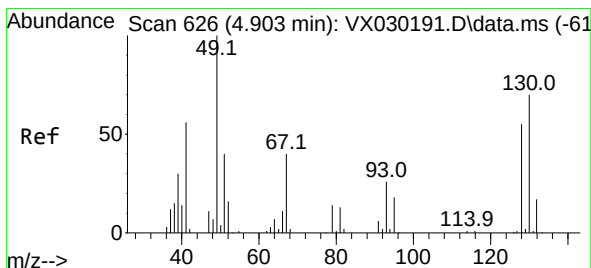
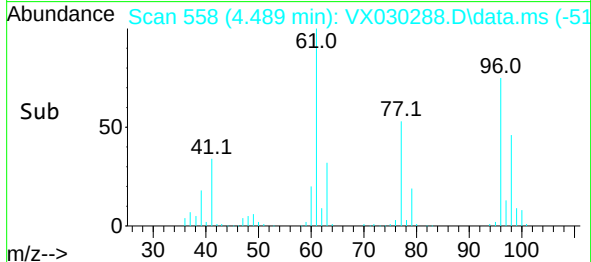
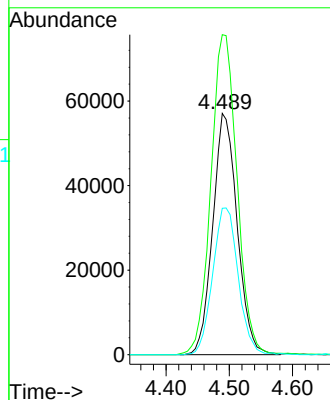
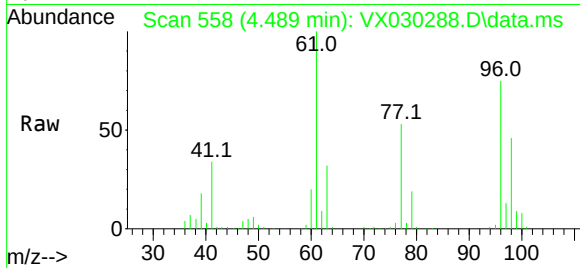
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	270.0
98	63.6	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#28

Bromochloromethane

Concen: 52.769 ug/l

RT: 4.910 min Scan# 627

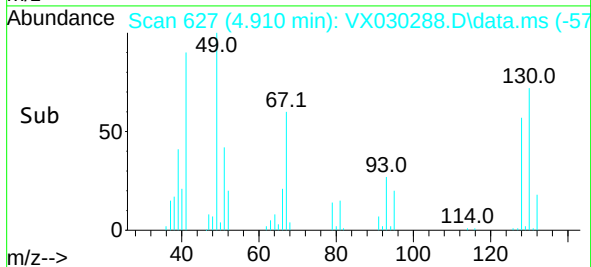
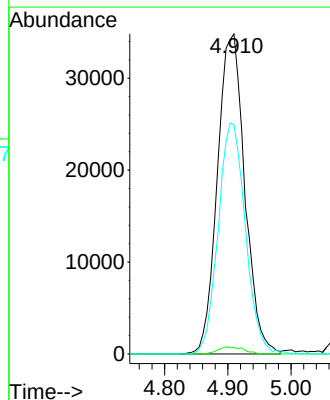
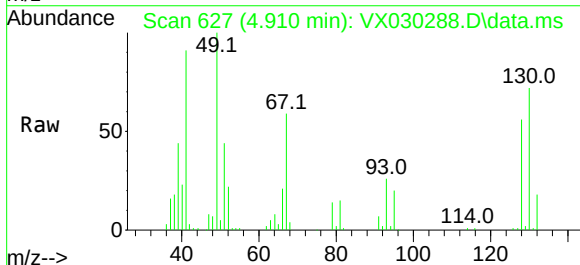
Delta R.T. 0.007 min

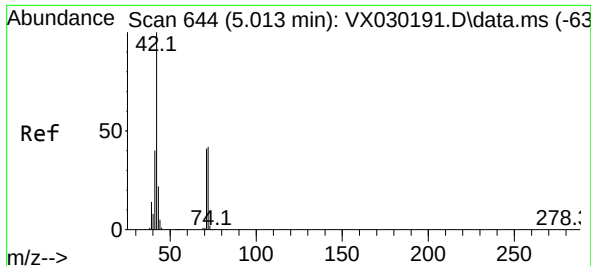
Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Tgt Ion: 49 Resp: 104532

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	71.7	62.8	94.2





#29

Tetrahydrofuran

Concen: 273.718 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030288.D

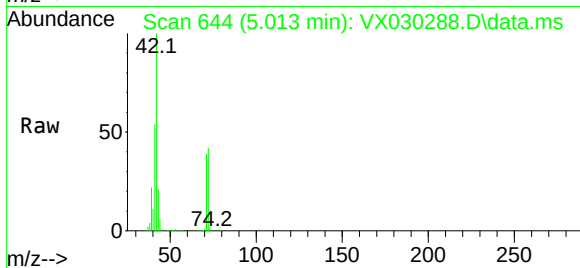
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



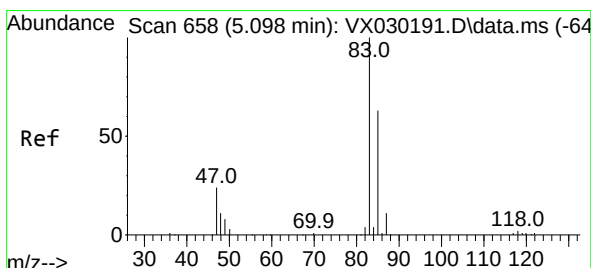
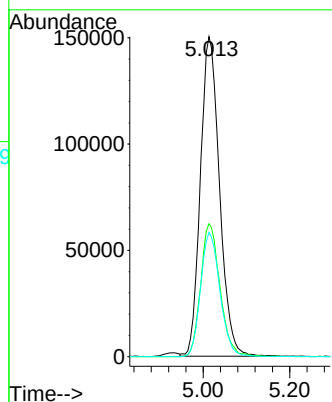
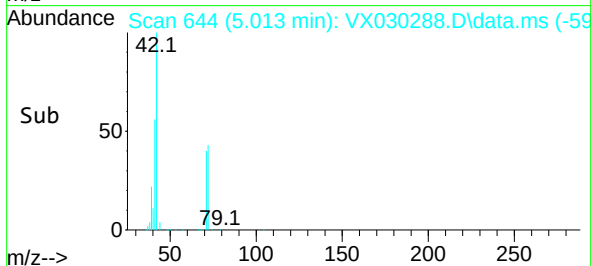
Tgt Ion:	42	Resp:	460759
Ion	Ratio	Lower	Upper
42	100		
72	42.1	36.5	54.7
71	39.2	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 53.531 ug/l

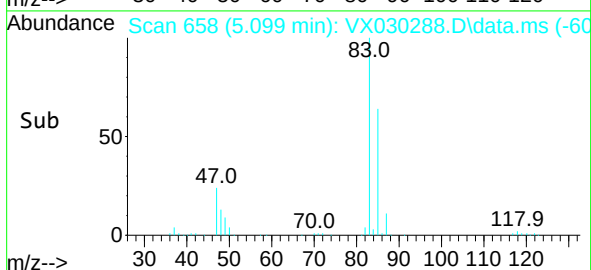
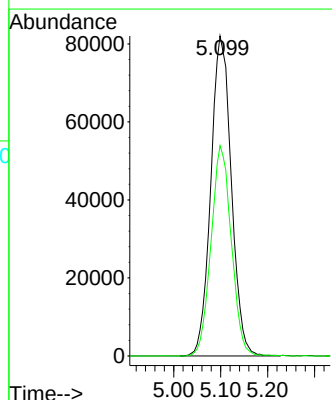
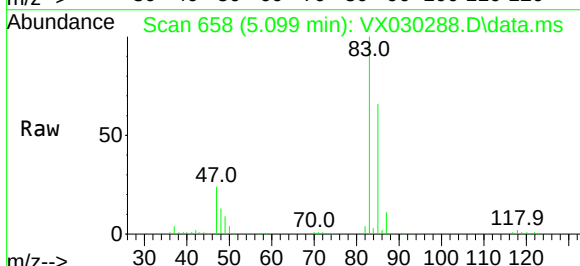
RT: 5.099 min Scan# 658

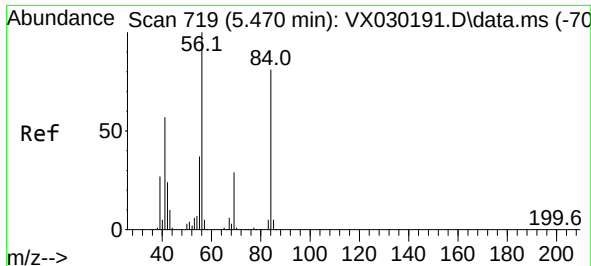
Delta R.T. 0.001 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

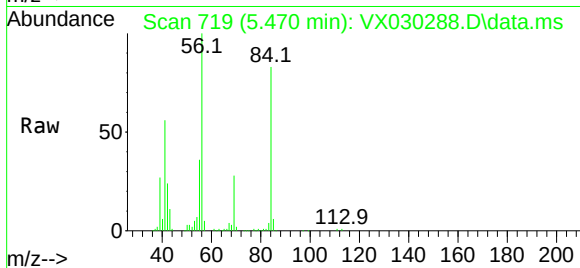
Tgt Ion:	83	Resp:	248526
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





#31
Cyclohexane
Concen: 51.941 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

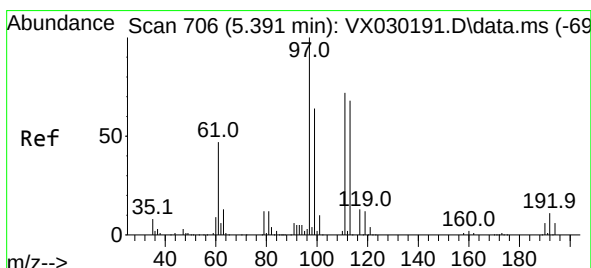
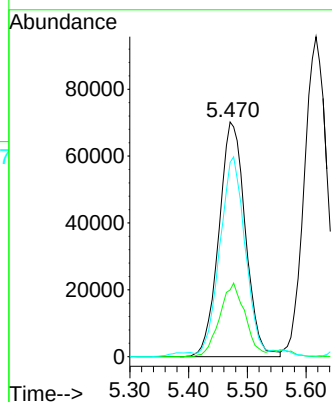
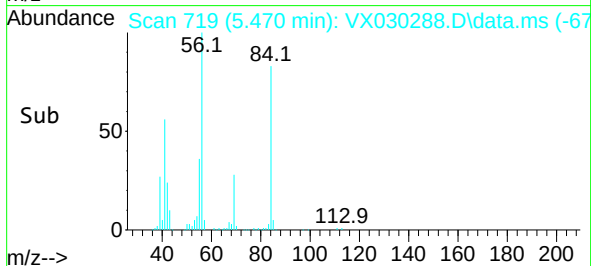
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



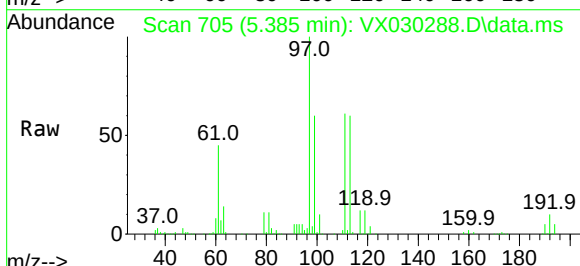
Tgt Ion: 56 Resp: 219304
Ion Ratio Lower Upper
56 100
69 28.4 25.4 38.0
84 81.1 68.9 103.3

Manual Integrations
APPROVED

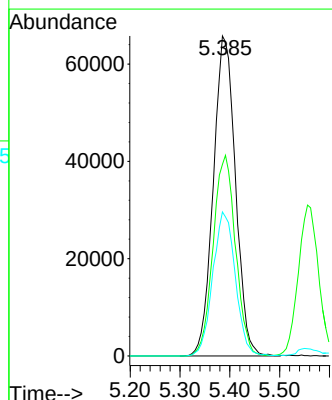
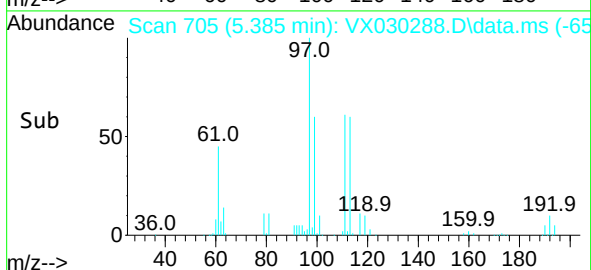
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

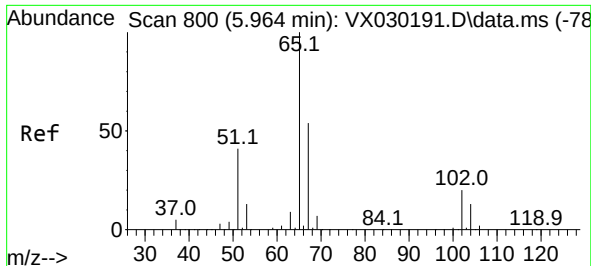


#32
1,1,1-Trichloroethane
Concen: 53.847 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion: 97 Resp: 203209
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 45.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.257 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 154869

Ion Ratio Lower Upper

65 100

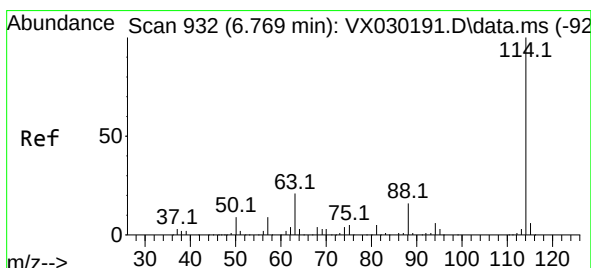
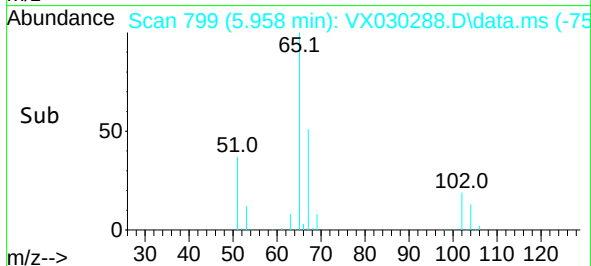
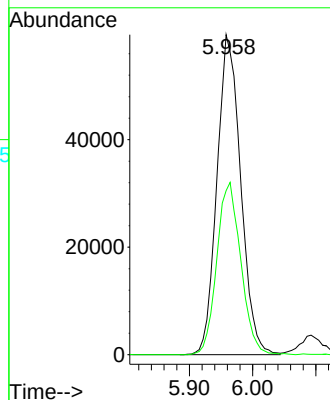
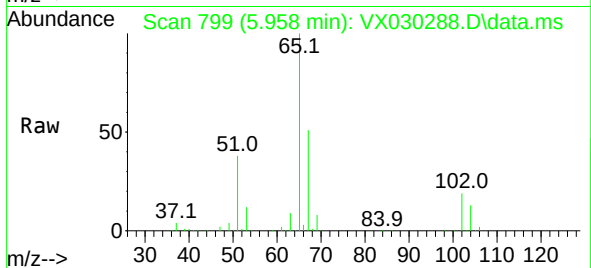
67 54.5 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

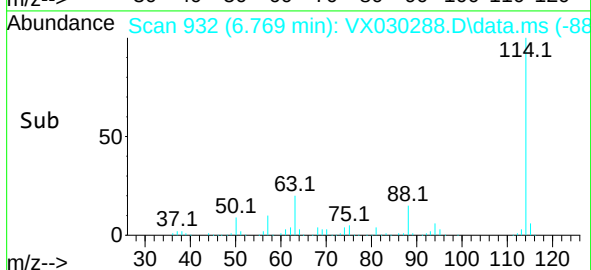
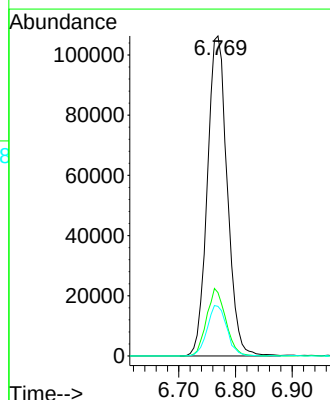
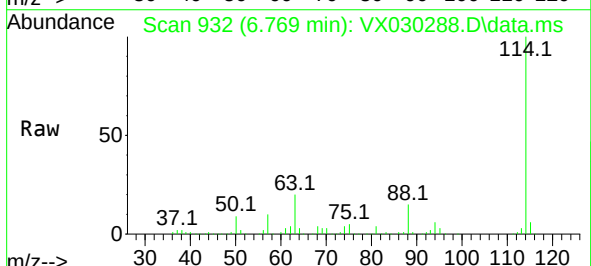
Tgt Ion:114 Resp: 258748

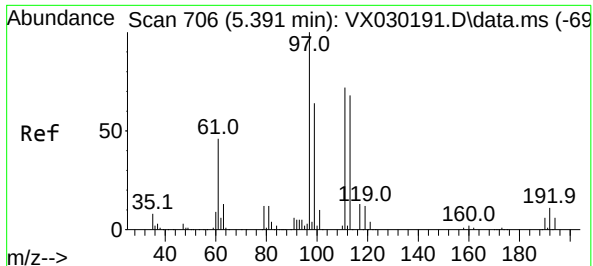
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.630 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030288.D

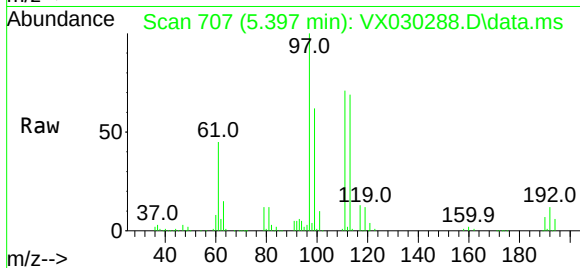
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:113 Resp: 12523

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

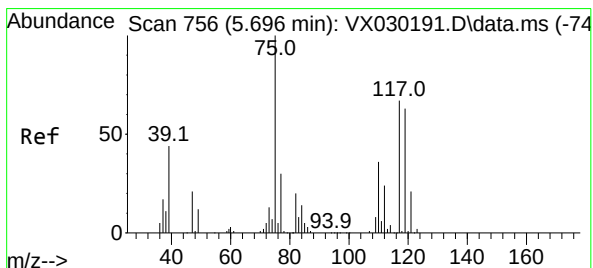
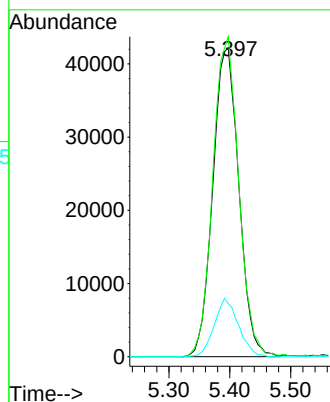
192 17.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 49.407 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

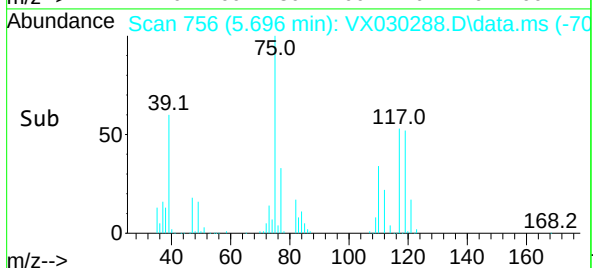
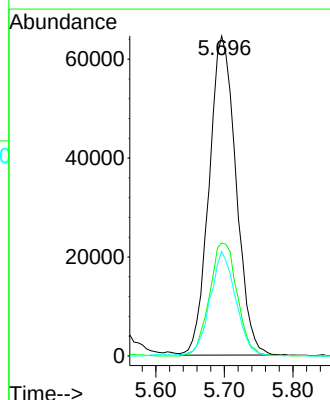
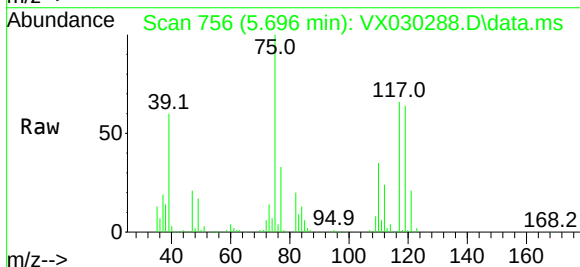
Tgt Ion: 75 Resp: 175871

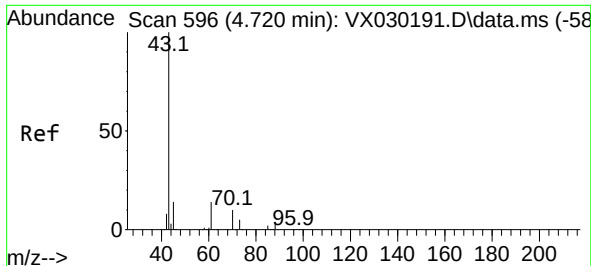
Ion Ratio Lower Upper

75 100

110 36.6 19.3 57.9

77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 50.308 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.001 min

Lab File: VX030288.D

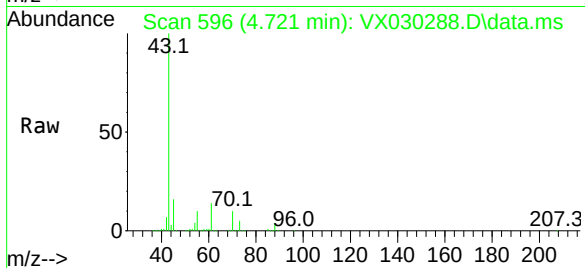
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



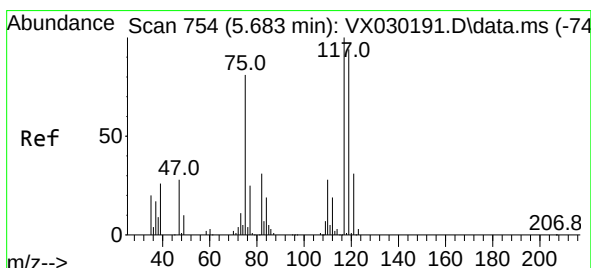
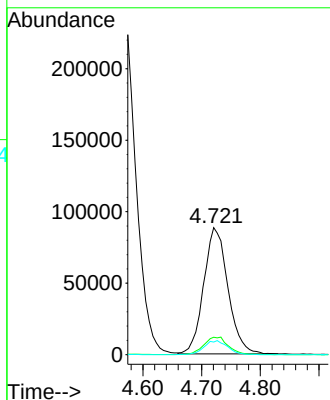
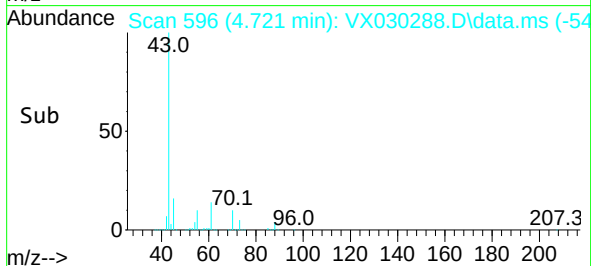
Tgt Ion:	43	Resp:	253598
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.7	17.5
70	10.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#38

Carbon Tetrachloride

Concen: 48.754 ug/l

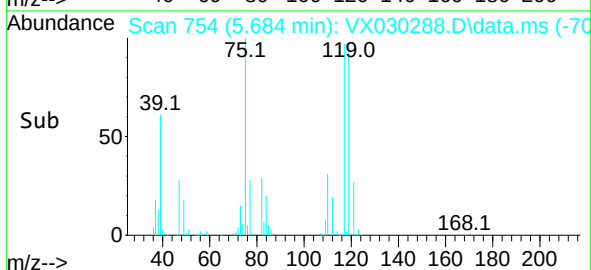
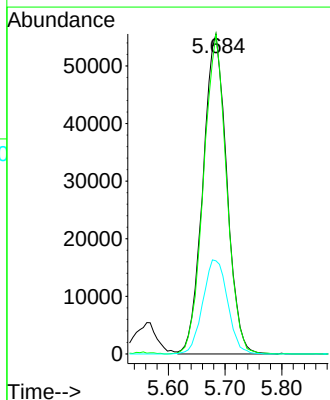
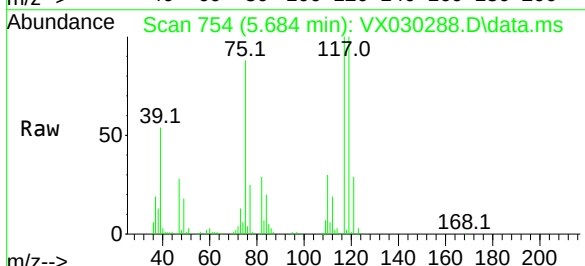
RT: 5.684 min Scan# 754

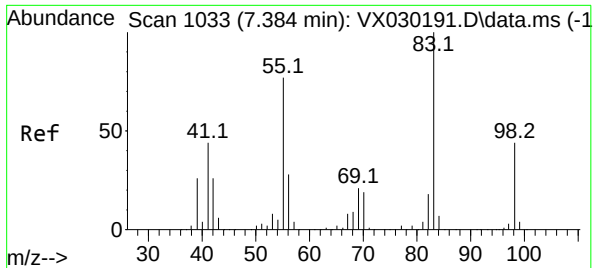
Delta R.T. 0.001 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Tgt Ion:	117	Resp:	162015
Ion Ratio	Lower	Upper	
117	100		
119	99.8	74.1	111.1
121	29.1	25.8	38.8





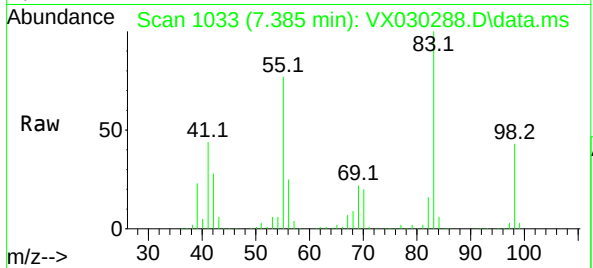
#39
Methylcyclohexane
Concen: 47.031 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



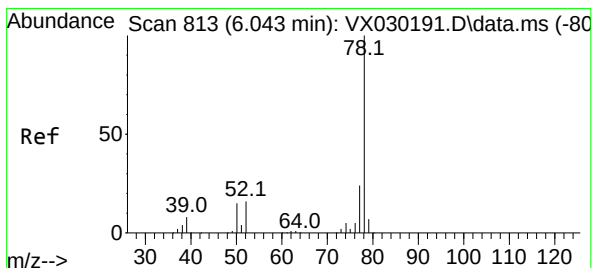
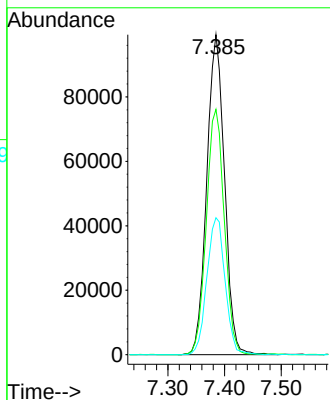
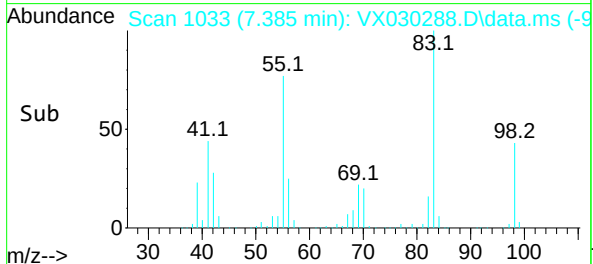
Tgt Ion: 83 Resp: 216090
Ion Ratio Lower Upper
83 100
55 76.7 57.7 86.5
98 42.8 36.5 54.7

Manual Integrations

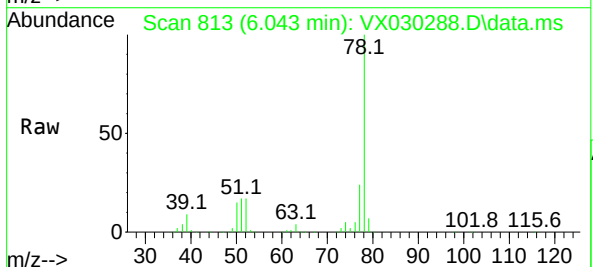
APPROVED

Reviewed By :John Carlone 07/29/2022

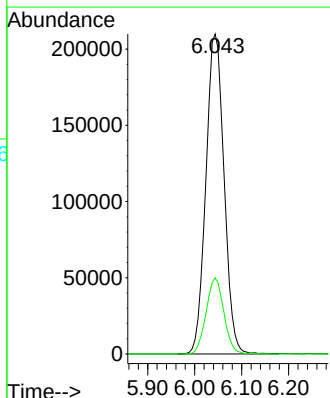
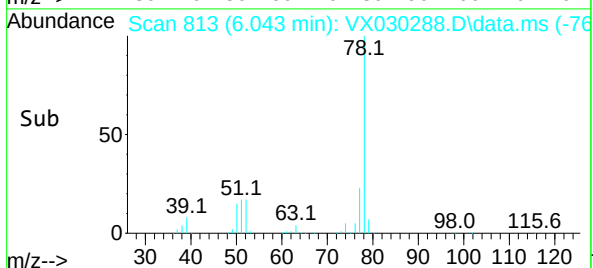
Supervised By :Mahesh Dadoda 07/29/2022

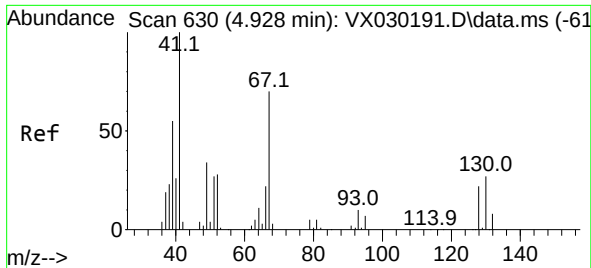


#40
Benzene
Concen: 50.242 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion: 78 Resp: 562691
Ion Ratio Lower Upper
78 100
77 23.8 18.0 27.0





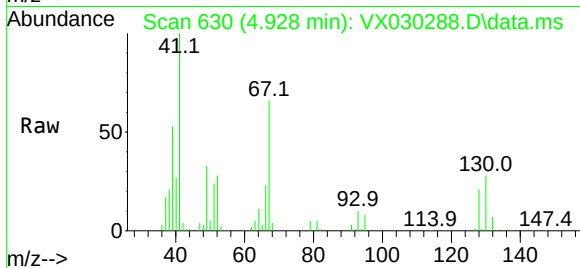
#41
Methacrylonitrile
Concen: 53.167 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



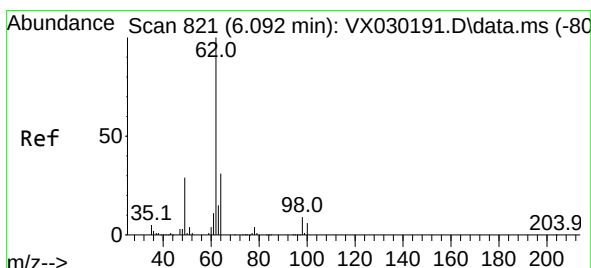
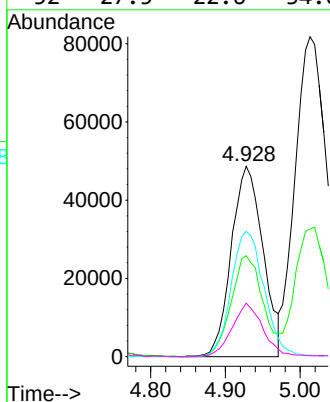
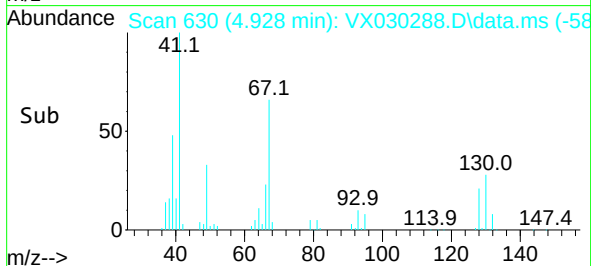
Tgt Ion: 41 Resp: 14366
Ion Ratio Lower Upper
41 100
39 54.6 42.9 64.3
67 68.7 60.1 90.1
52 27.5 22.6 34.0

Manual Integrations

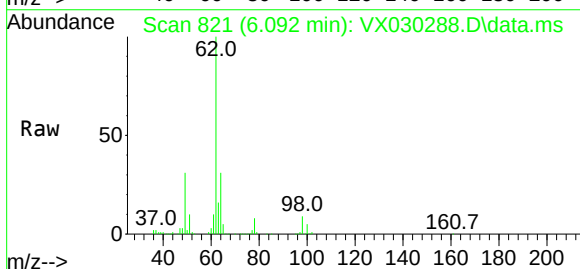
APPROVED

Reviewed By :John Carlone 07/29/2022

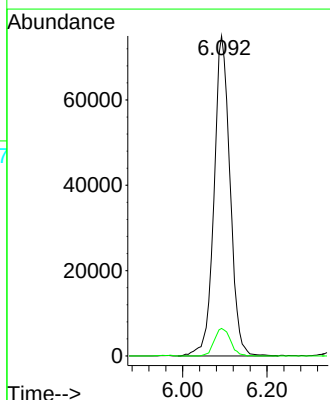
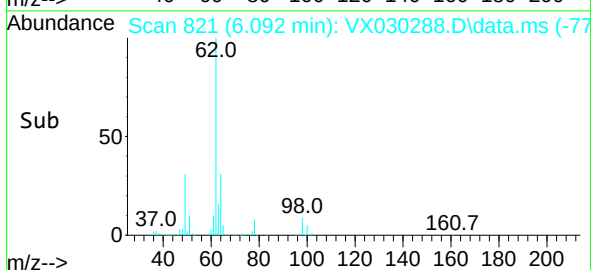
Supervised By :Mahesh Dadoda 07/29/2022

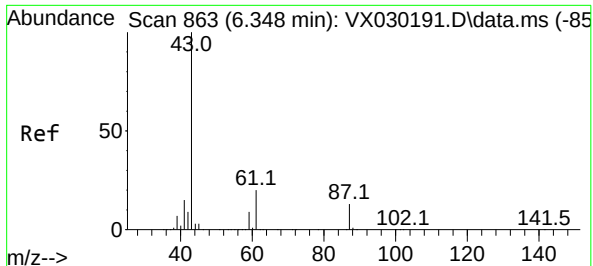


#42
1,2-Dichloroethane
Concen: 50.934 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



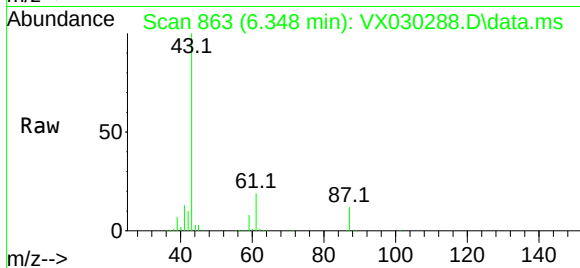
Tgt Ion: 62 Resp: 197115
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.538 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

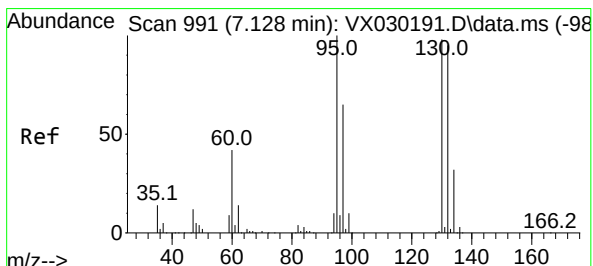
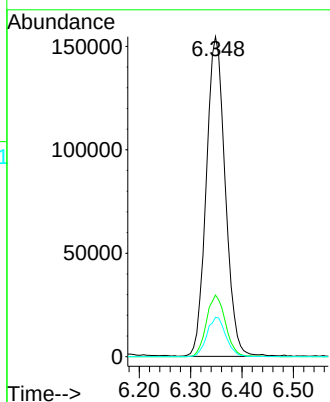
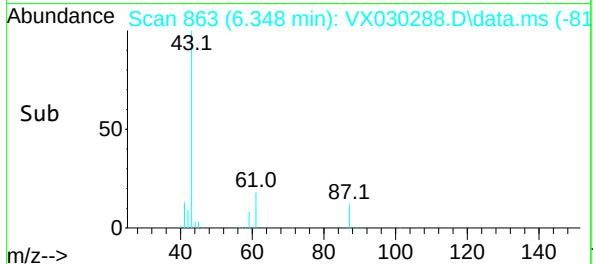
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 395629
Ion Ratio Lower Upper
43 100
61 19.4 16.5 24.7
87 12.3 11.1 16.7

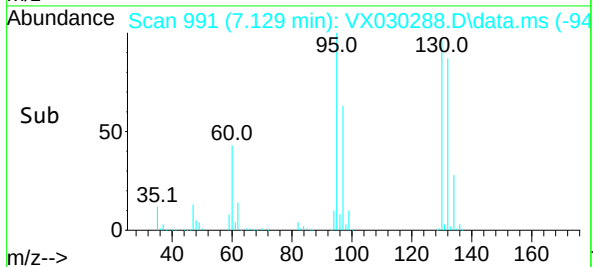
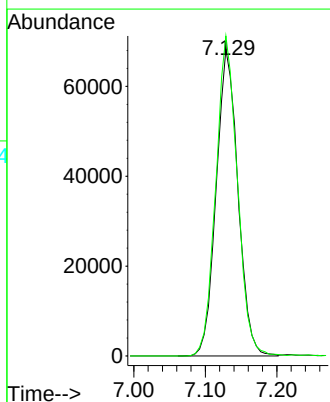
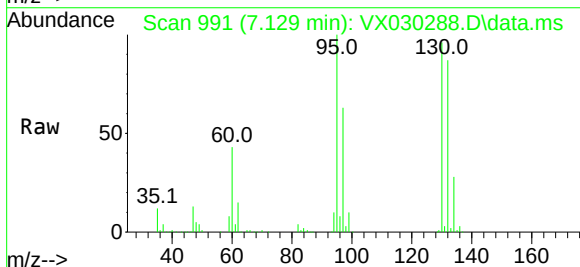
Manual Integrations
APPROVED

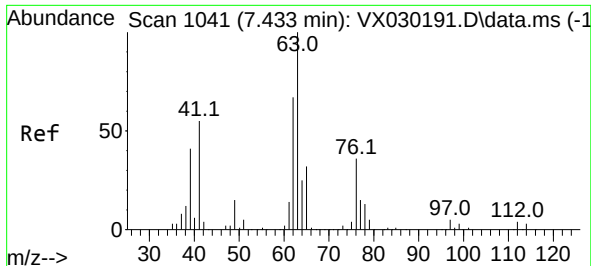
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#44
Trichloroethene
Concen: 47.138 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

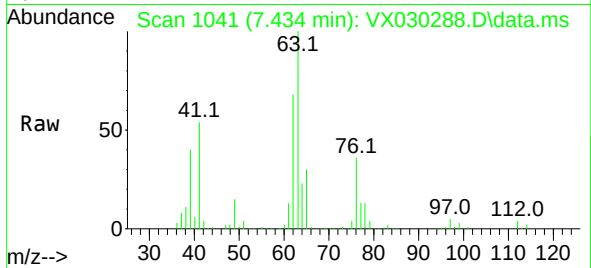
Tgt Ion:130 Resp: 144255
Ion Ratio Lower Upper
130 100
95 104.3 0.0 194.8





#45
1,2-Dichloropropane
Concen: 51.165 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

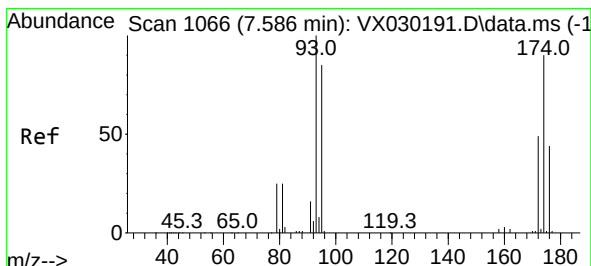
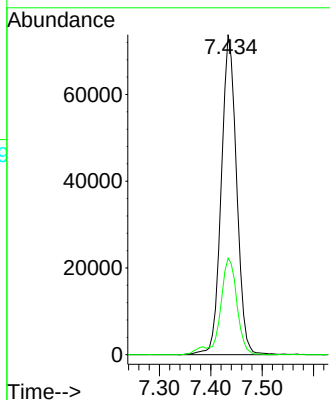
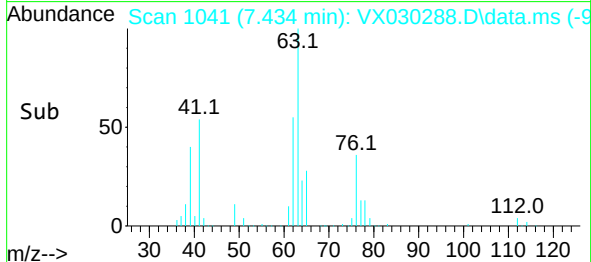
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 15283
Ion Ratio Lower Upper
63 100
65 30.2 25.2 37.8

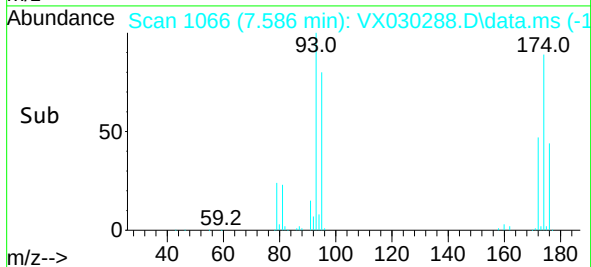
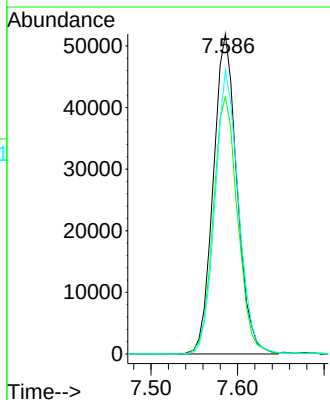
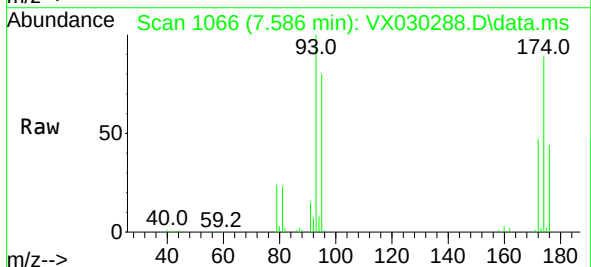
Manual Integrations
APPROVED

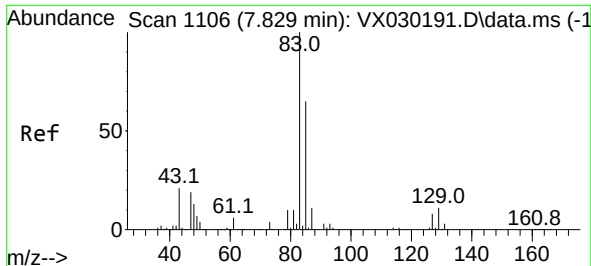
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#46
Dibromomethane
Concen: 48.499 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

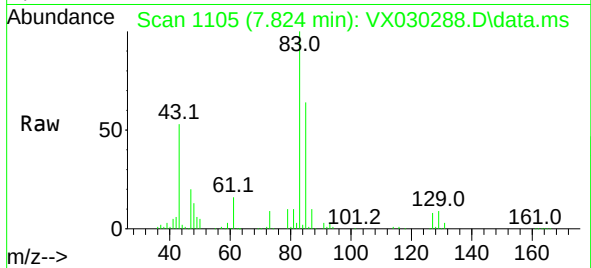
Tgt Ion: 93 Resp: 98520
Ion Ratio Lower Upper
93 100
95 82.6 67.4 101.0
174 88.4 75.6 113.4





#47
Bromodichloromethane
Concen: 50.771 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

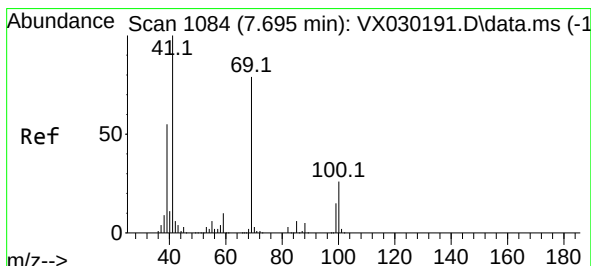
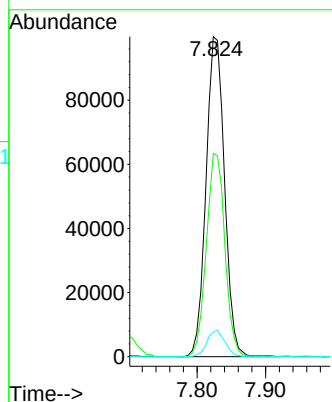
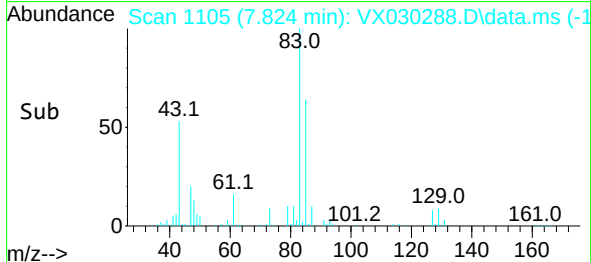
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 187489
Ion Ratio Lower Upper
83 100
85 63.5 53.5 80.3
127 7.7 6.6 10.0

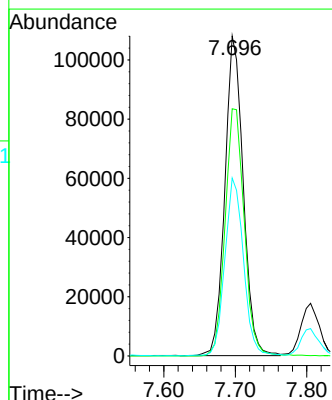
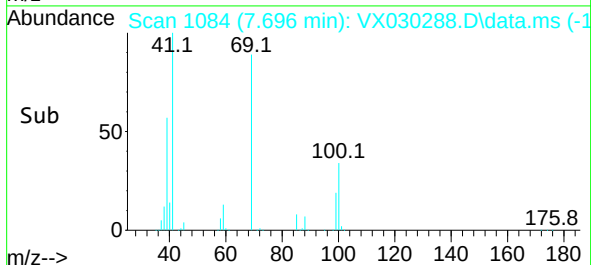
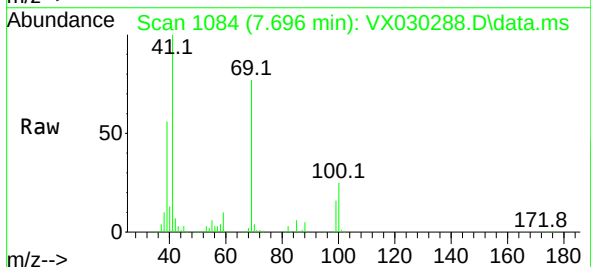
Manual Integrations
APPROVED

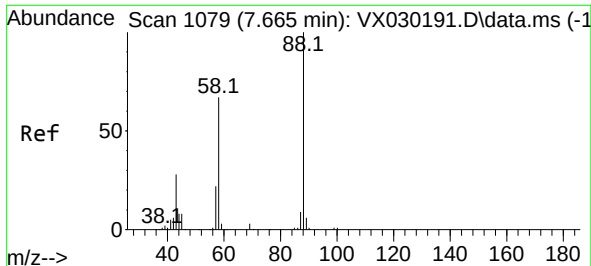
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#48
Methyl methacrylate
Concen: 52.970 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

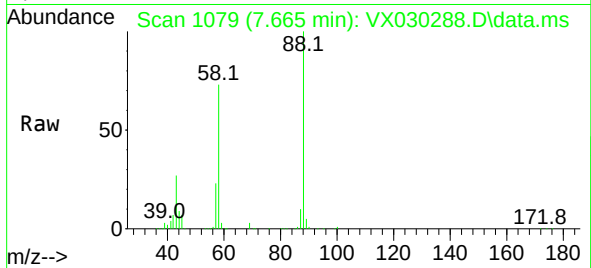
Tgt Ion: 41 Resp: 192666
Ion Ratio Lower Upper
41 100
69 80.5 68.8 103.2
39 56.4 44.6 66.8





#49
1,4-Dioxane
Concen: 1022.220 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

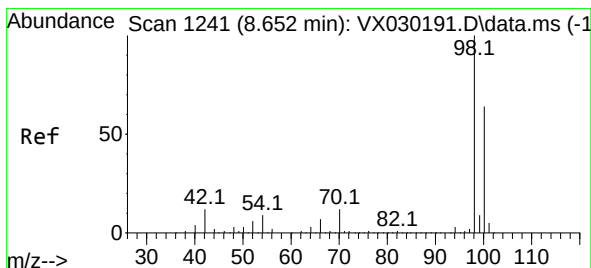
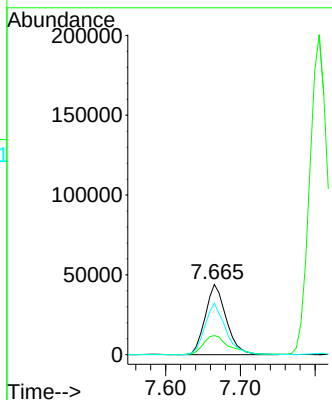
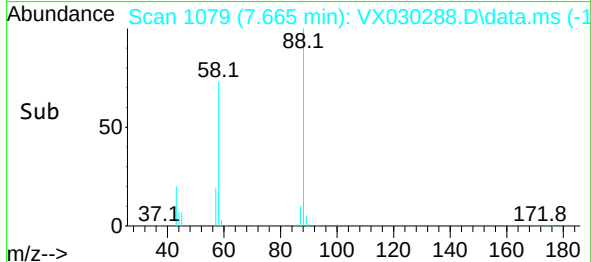
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 85874
Ion Ratio Lower Upper
88 100
43 34.4 23.8 35.8
58 72.6 53.8 80.6

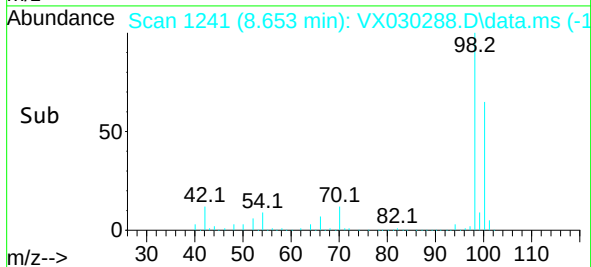
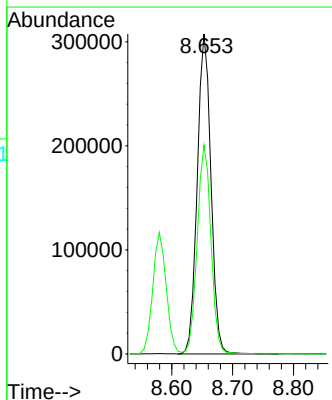
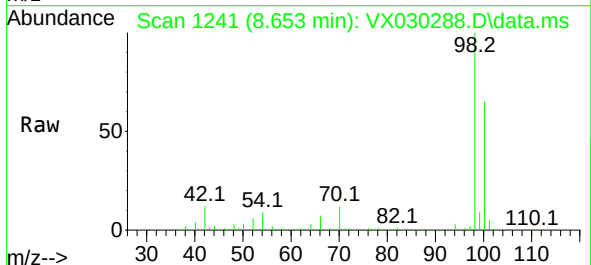
Manual Integrations
APPROVED

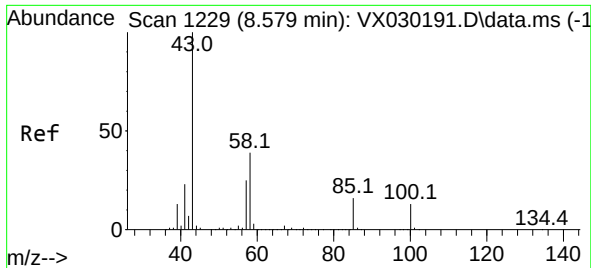
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#50
Toluene-d8
Concen: 50.144 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

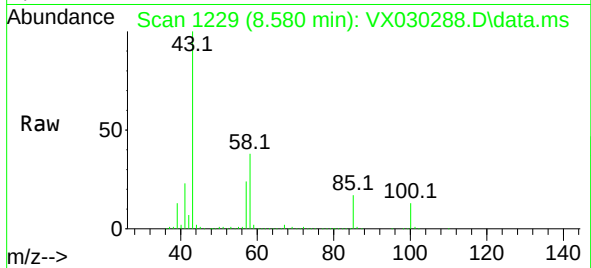
Tgt Ion: 98 Resp: 480326
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 270.533 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

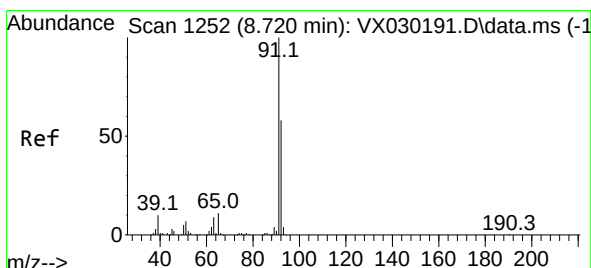
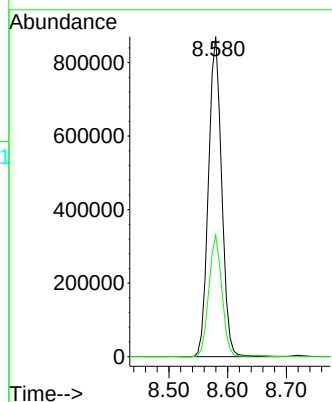
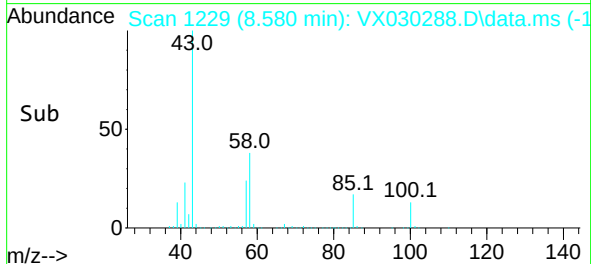
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



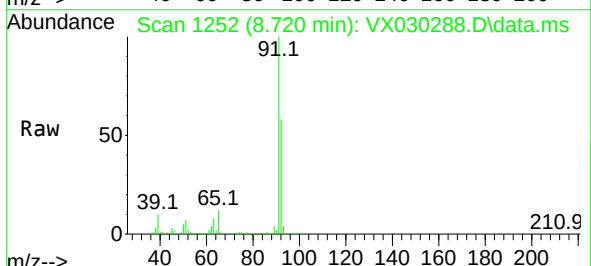
Tgt Ion: 43 Resp: 135719
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2

Manual Integrations
APPROVED

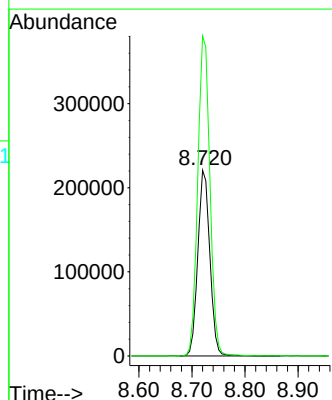
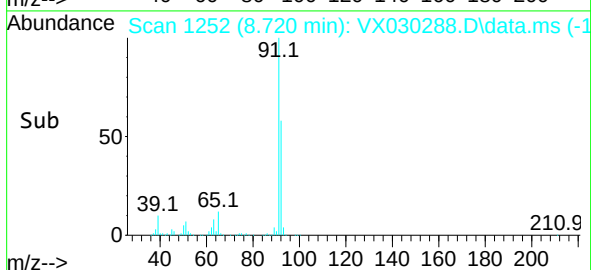
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

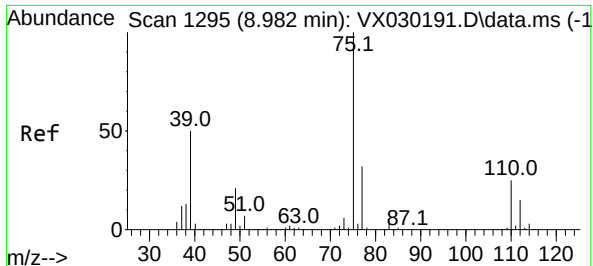


#52
Toluene
Concen: 50.740 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion: 92 Resp: 346706
Ion Ratio Lower Upper
92 100
91 174.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.924 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 19873

Ion Ratio Lower Upper

75 100

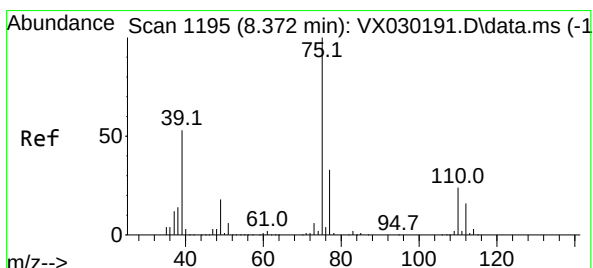
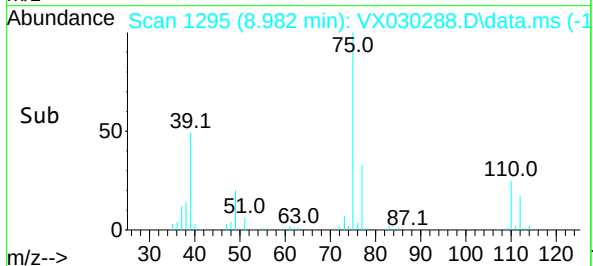
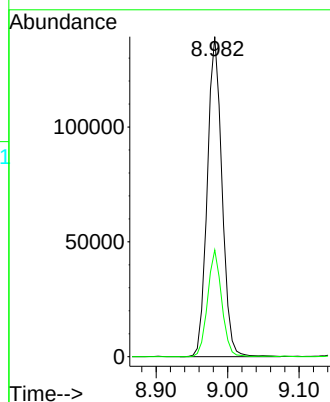
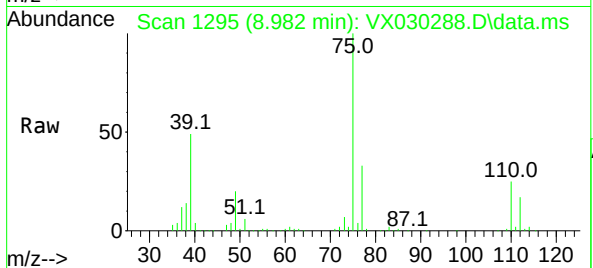
77 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#54

cis-1,3-Dichloropropene

Concen: 49.758 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

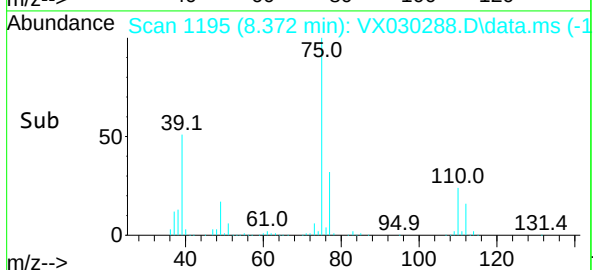
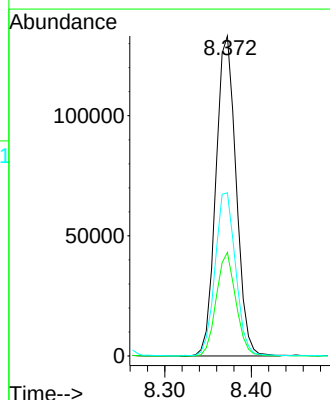
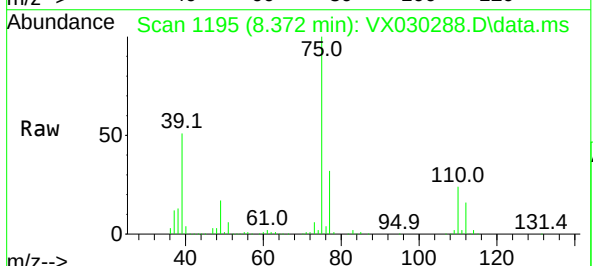
Tgt Ion: 75 Resp: 215849

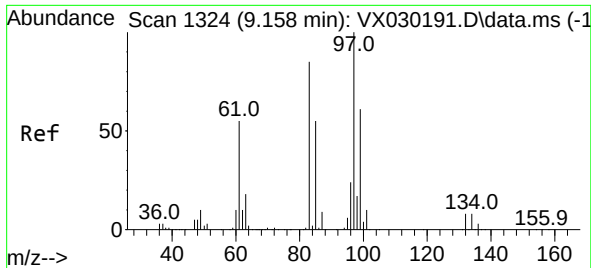
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

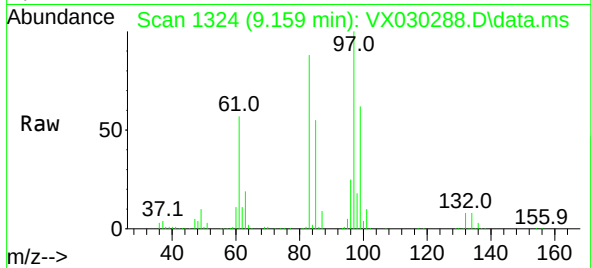
39 51.0 37.5 56.3





#55
 1,1,2-Trichloroethane
 Concen: 50.966 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.001 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27

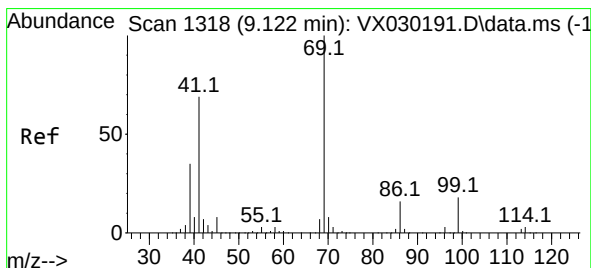
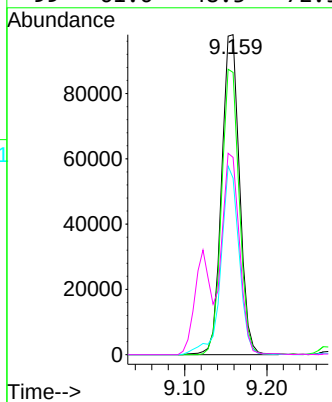
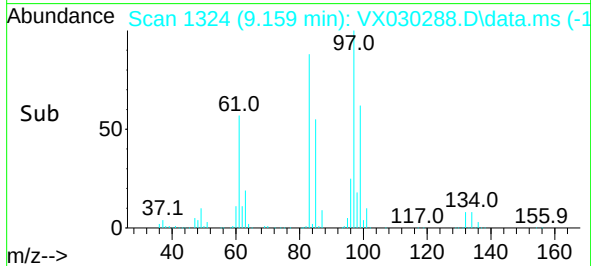
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



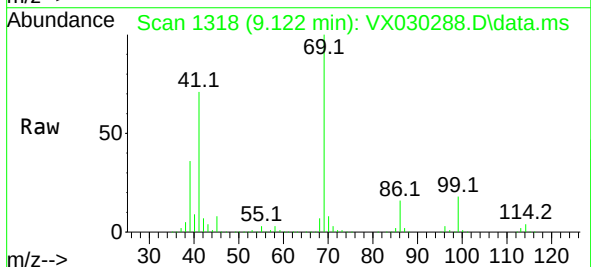
Tgt Ion: 97 Resp: 148270
 Ion Ratio Lower Upper
 97 100
 83 88.2 68.9 103.3
 85 55.2 44.0 66.0
 99 61.6 48.3 72.5

Manual Integrations
 APPROVED

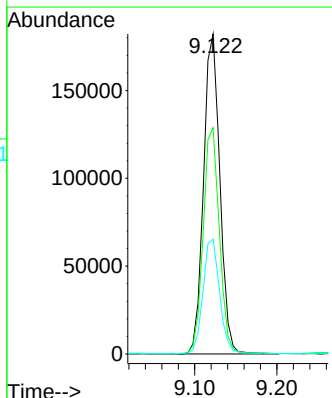
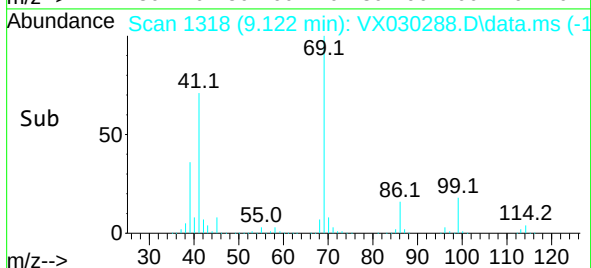
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

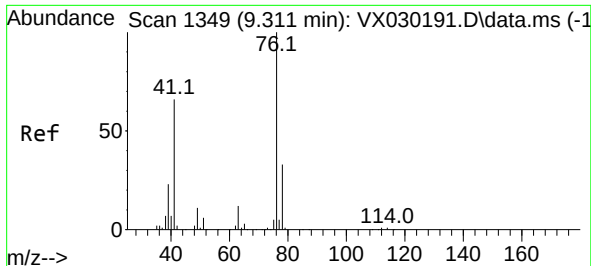


#56
 Ethyl methacrylate
 Concen: 54.657 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27



Tgt Ion: 69 Resp: 251375
 Ion Ratio Lower Upper
 69 100
 41 70.3 52.3 78.5
 39 36.5 28.2 42.4





#57

1,3-Dichloropropane

Concen: 51.418 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030288.D

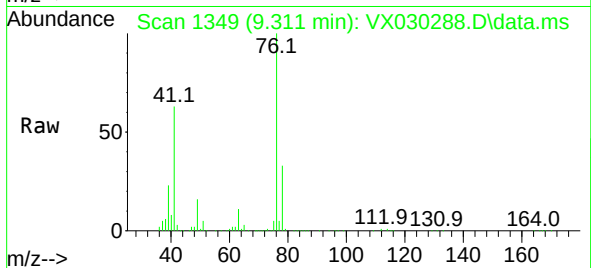
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 24692

Ion Ratio Lower Upper

76 100

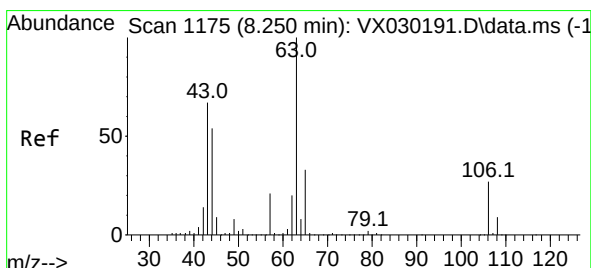
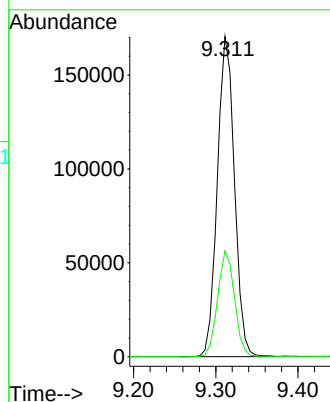
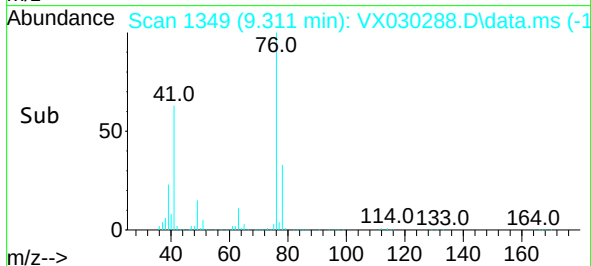
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 278.347 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030288.D

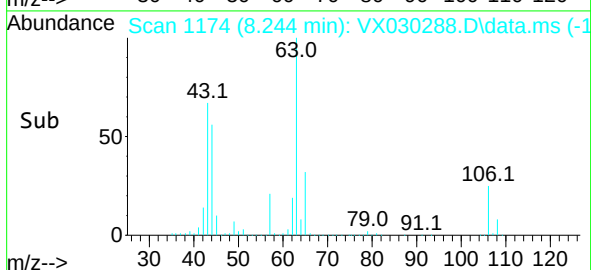
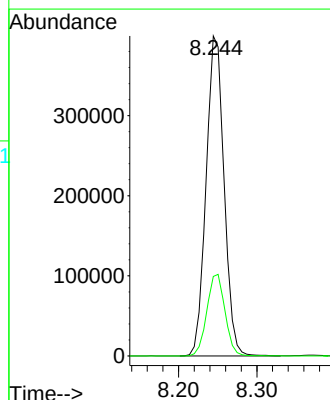
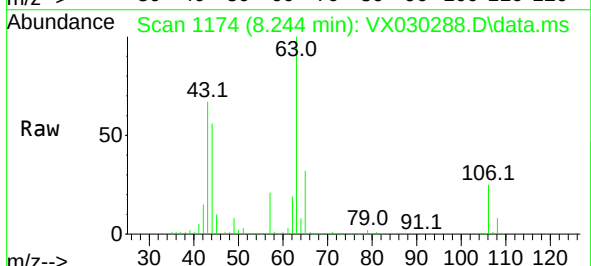
Acq: 28 Jul 2022 22:27

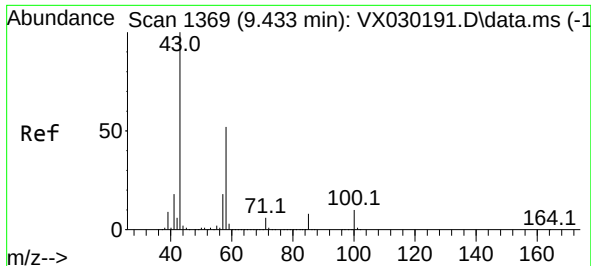
Tgt Ion: 63 Resp: 635335

Ion Ratio Lower Upper

63 100

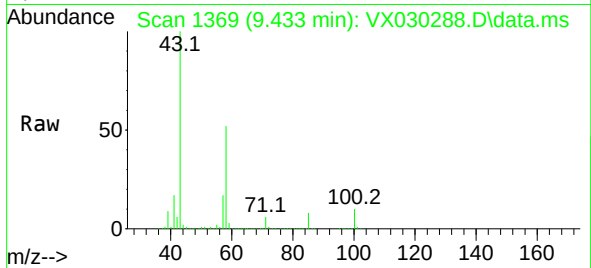
106 25.8 22.2 33.2





#59
2-Hexanone
Concen: 274.885 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

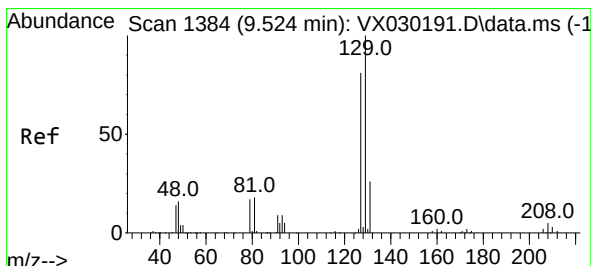
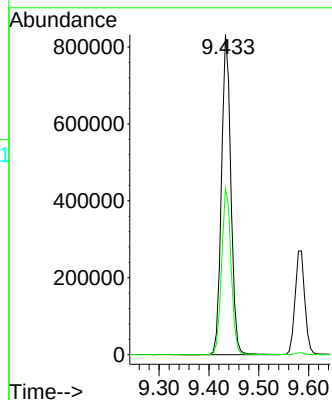
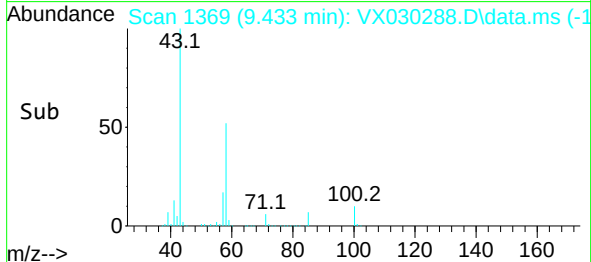
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108797
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.8

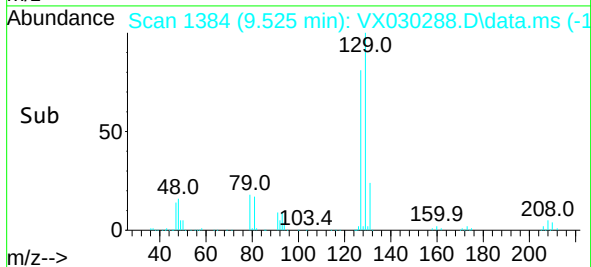
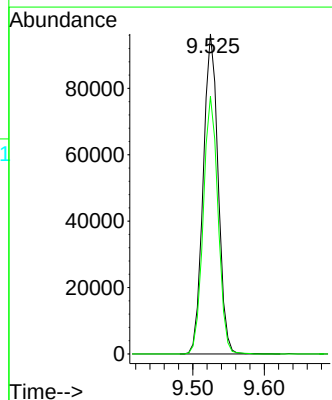
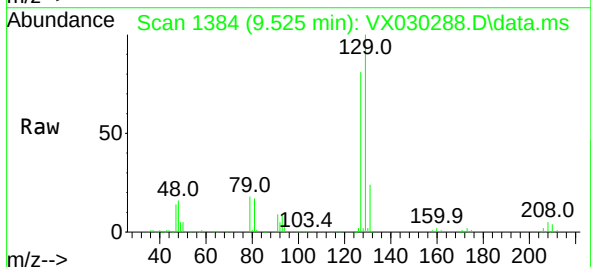
Manual Integrations
APPROVED

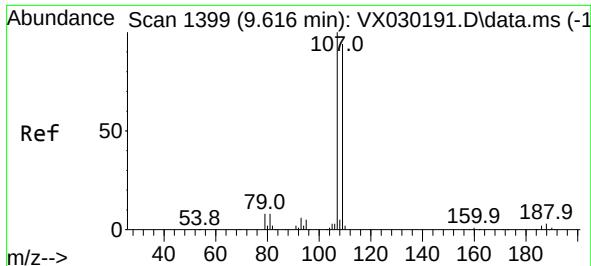
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 51.820 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

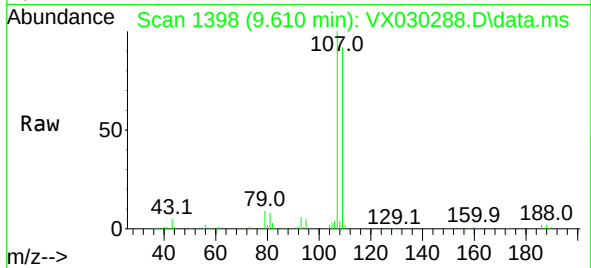
Tgt Ion:129 Resp: 139559
Ion Ratio Lower Upper
129 100
127 79.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.646 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

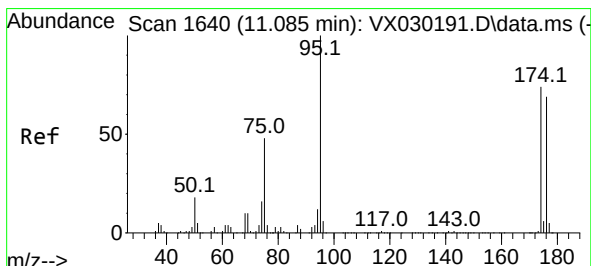
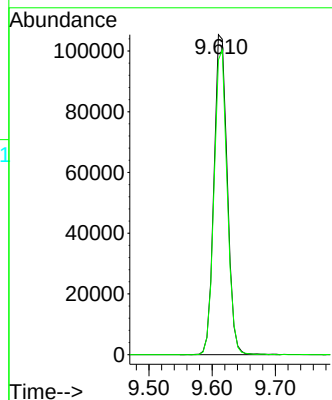
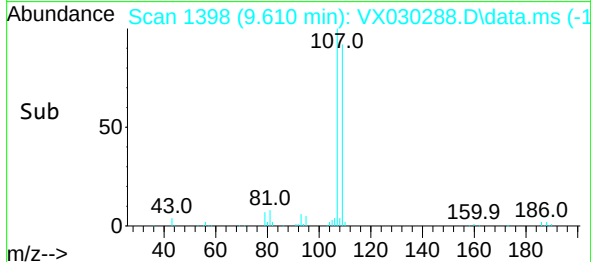
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



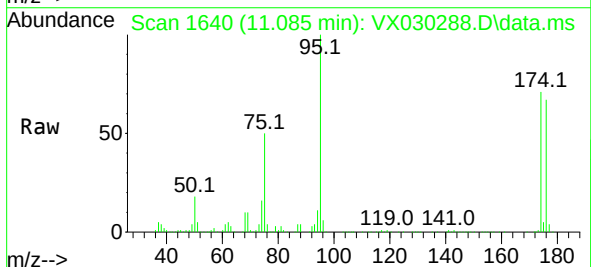
Tgt Ion:107 Resp: 153854
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

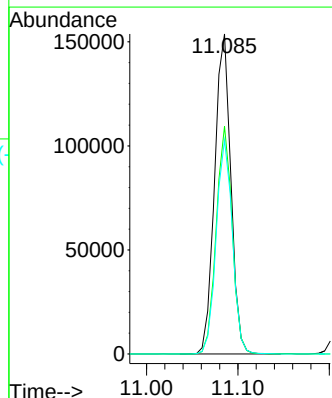
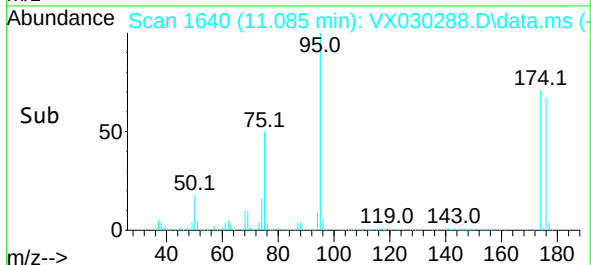
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

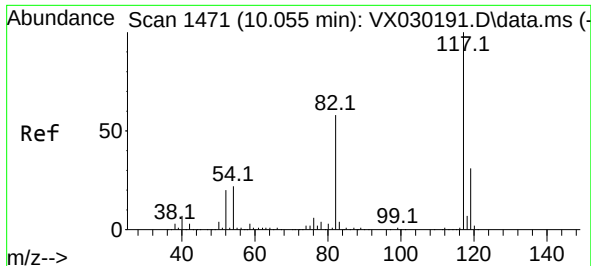


#62
4-Bromofluorobenzene
Concen: 53.312 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



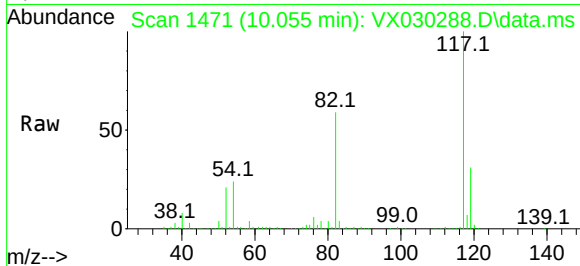
Tgt Ion: 95 Resp: 189525
Ion Ratio Lower Upper
95 100
174 70.1 0.0 149.0
176 66.6 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

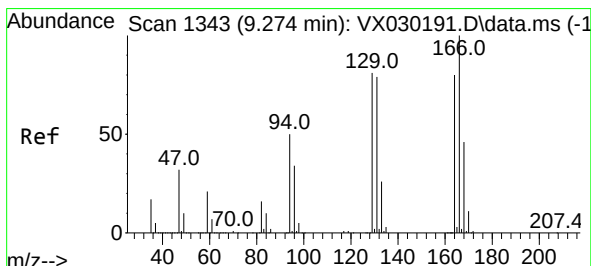
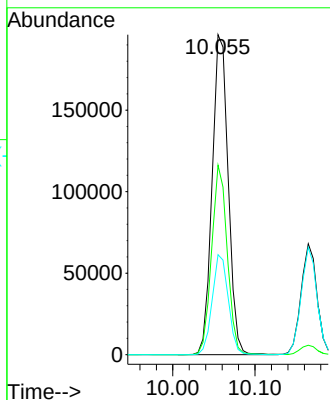
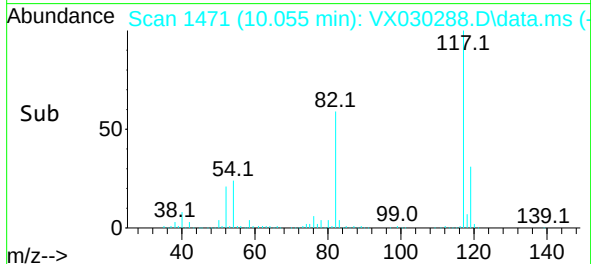
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



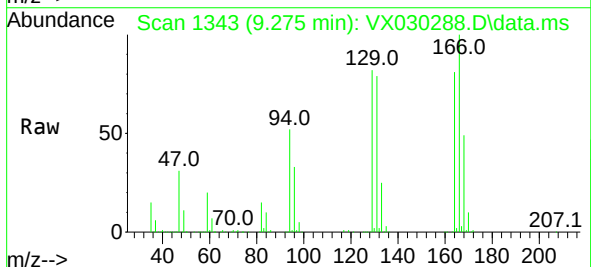
Tgt Ion:117 Resp: 266370
Ion Ratio Lower Upper
117 100
82 59.2 42.7 64.1
119 31.2 25.4 38.2

Manual Integrations
APPROVED

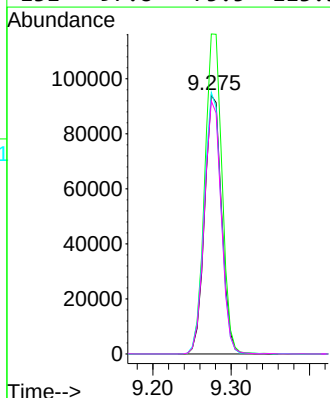
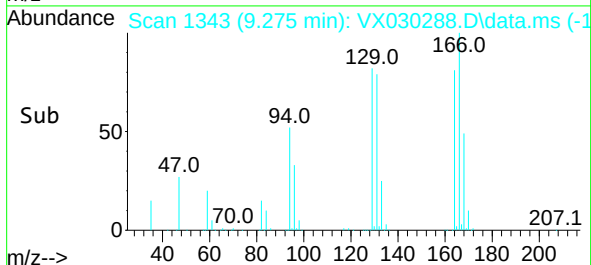
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

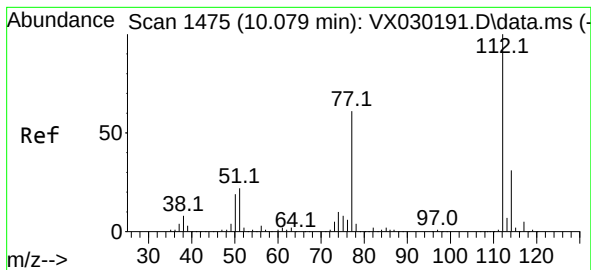


#64
Tetrachloroethene
Concen: 49.088 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



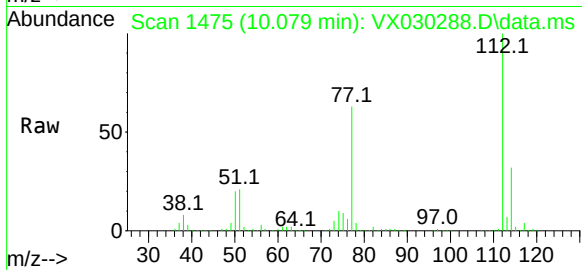
Tgt Ion:164 Resp: 140769
Ion Ratio Lower Upper
164 100
166 123.8 98.2 147.4
129 101.1 80.8 121.2
131 97.8 75.5 113.3





#65
Chlorobenzene
Concen: 50.622 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

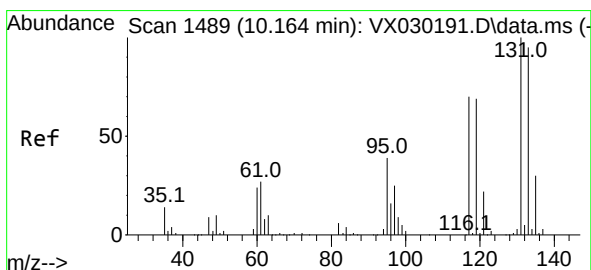
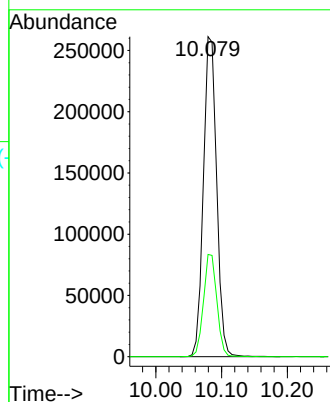
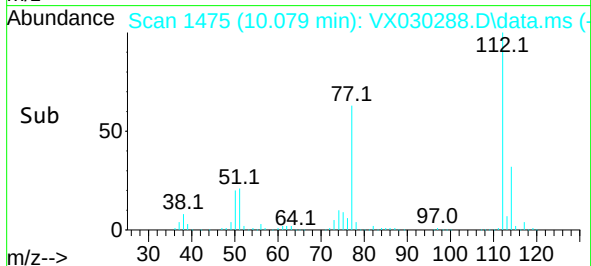
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



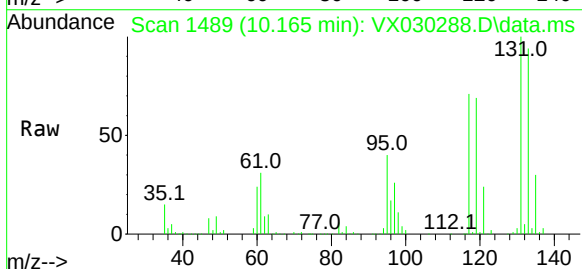
Tgt Ion:112 Resp: 366280
Ion Ratio Lower Upper
112 100
114 31.9 24.6 36.8

Manual Integrations
APPROVED

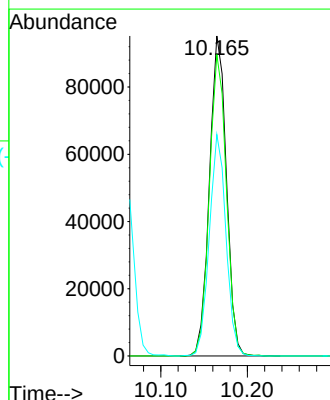
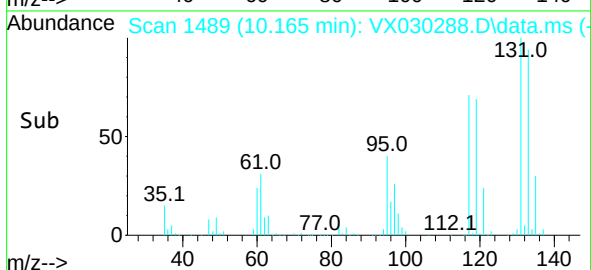
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

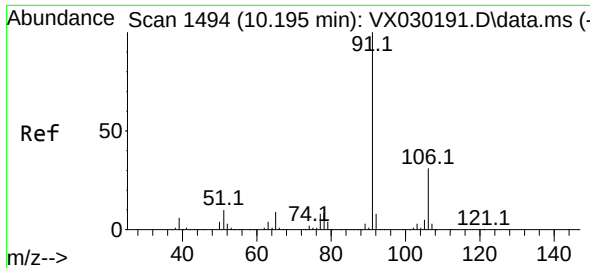


#66
1,1,1,2-Tetrachloroethane
Concen: 52.729 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



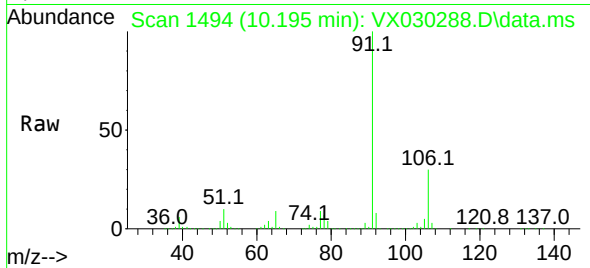
Tgt Ion:131 Resp: 129700
Ion Ratio Lower Upper
131 100
133 94.2 46.9 140.8
119 68.0 34.4 103.1





#67
Ethyl Benzene
Concen: 49.495 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

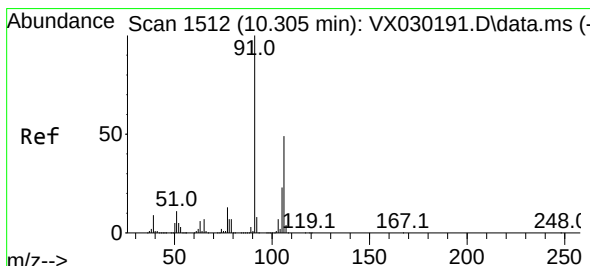
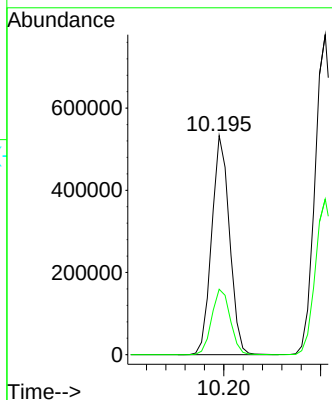
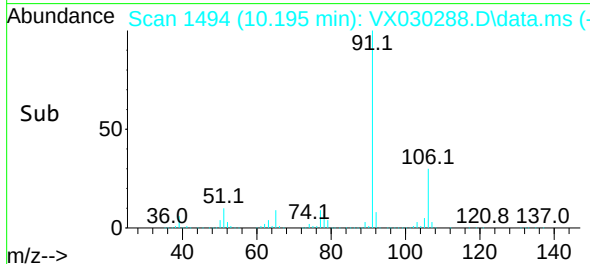
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



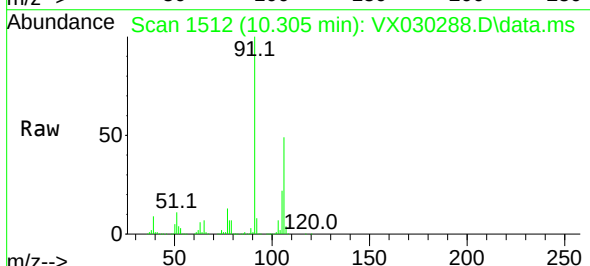
Tgt Ion: 91 Resp: 680890
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3

Manual Integrations
APPROVED

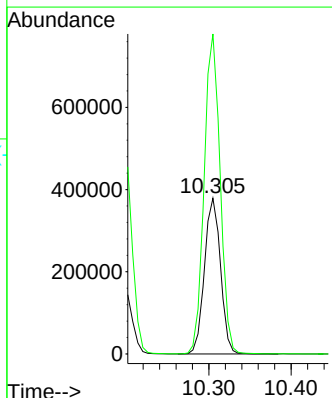
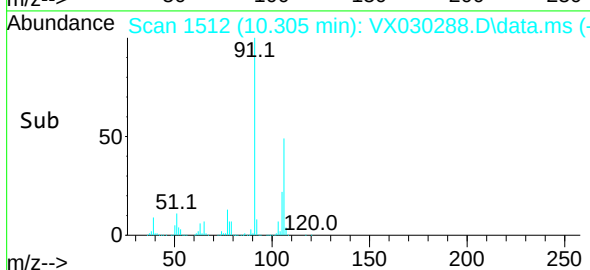
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

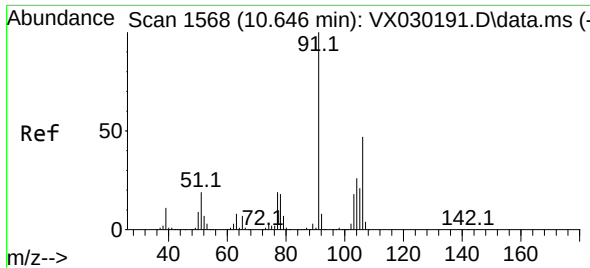


#68
m/p-Xylenes
Concen: 104.982 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



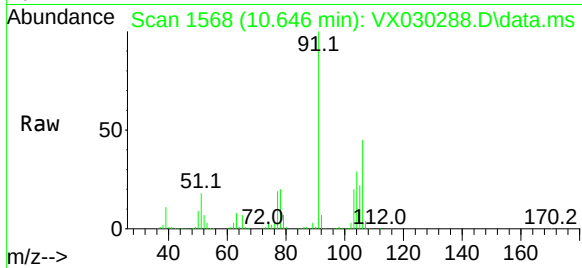
Tgt Ion:106 Resp: 514589
Ion Ratio Lower Upper
106 100
91 204.7 158.2 237.4





#69
o-Xylene
Concen: 52.505 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

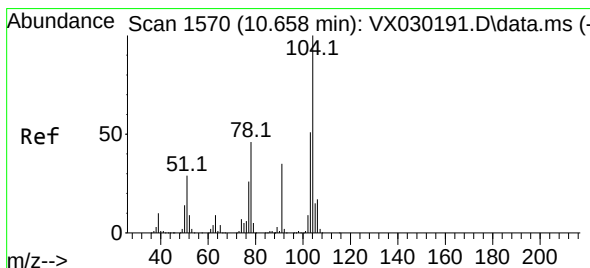
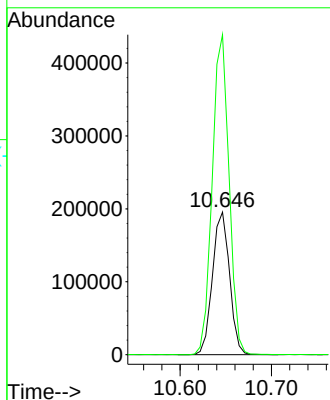
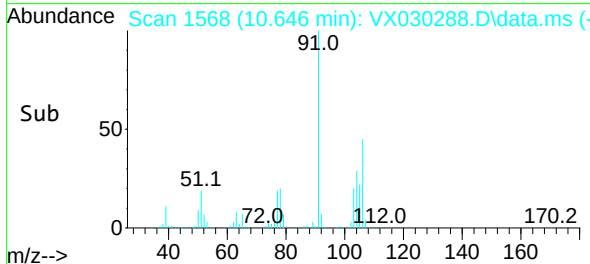
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



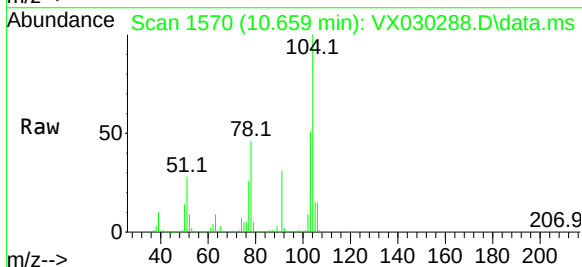
Tgt Ion:106 Resp: 253654
Ion Ratio Lower Upper
106 100
91 220.6 103.8 311.6

Manual Integrations
APPROVED

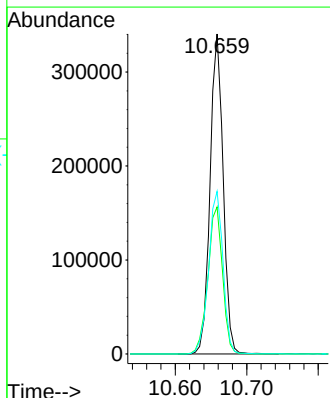
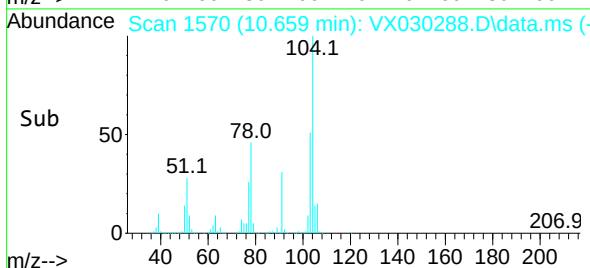
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

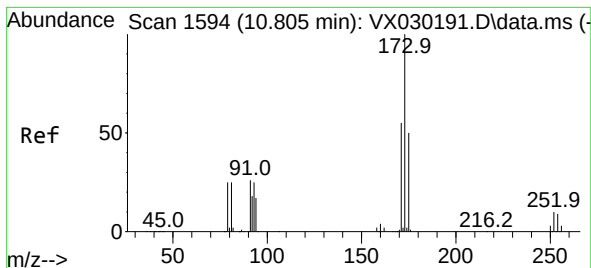


#70
Styrene
Concen: 54.473 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion:104 Resp: 432358
Ion Ratio Lower Upper
104 100
78 51.6 37.8 56.8
103 56.0 44.5 66.7





#71

Bromoform

Concen: 55.125 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 9968

Ion Ratio Lower Upper

173 100

175 47.3 23.8 71.2

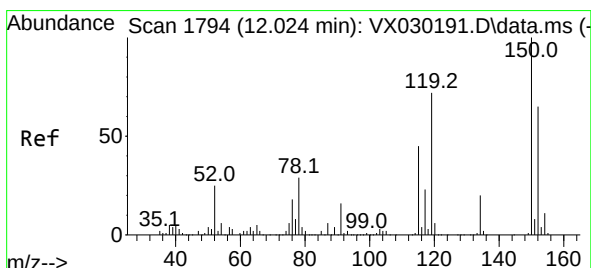
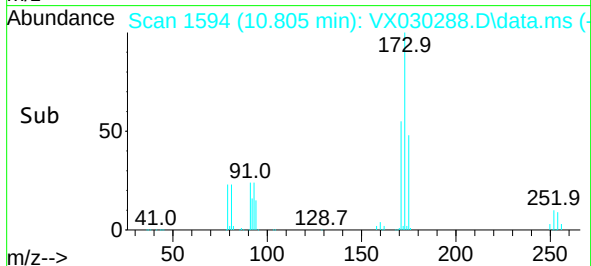
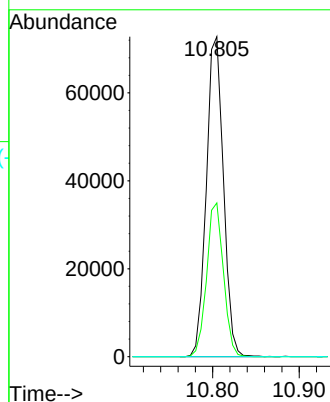
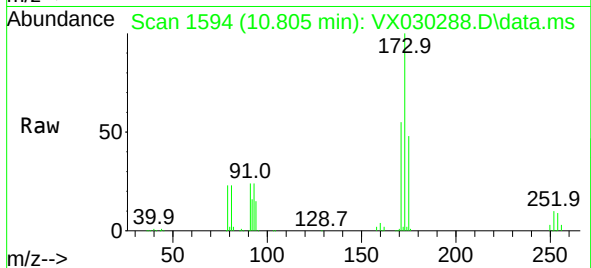
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

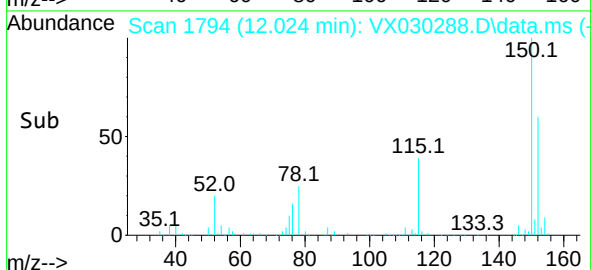
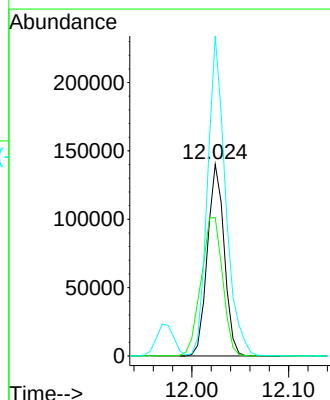
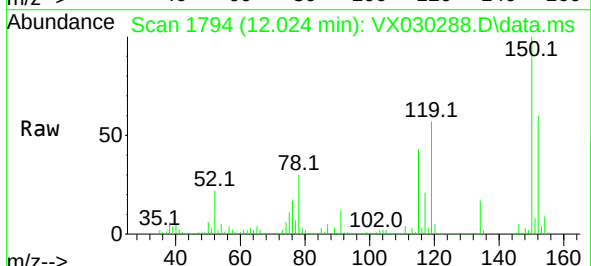
Tgt Ion:152 Resp: 169648

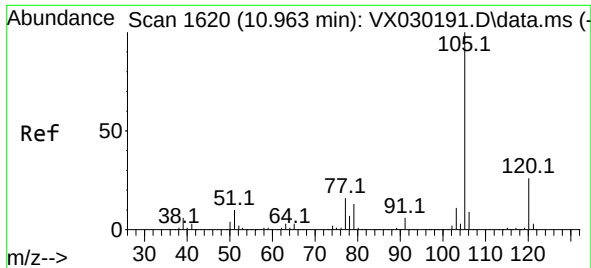
Ion Ratio Lower Upper

152 100

115 92.6 40.5 121.5

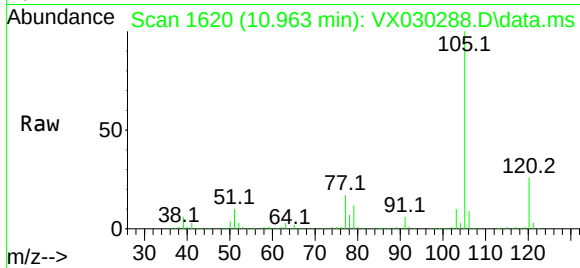
150 178.6 0.0 347.0





#73
Isopropylbenzene
Concen: 50.478 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

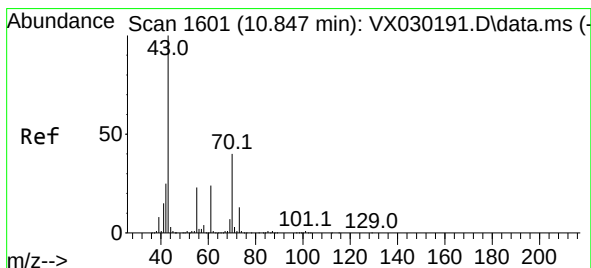
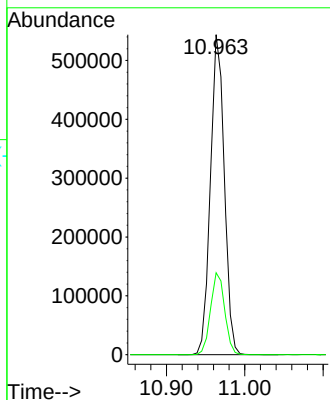
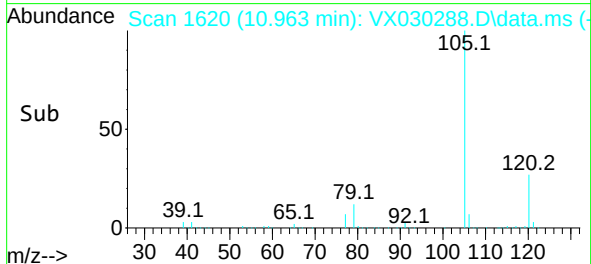
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



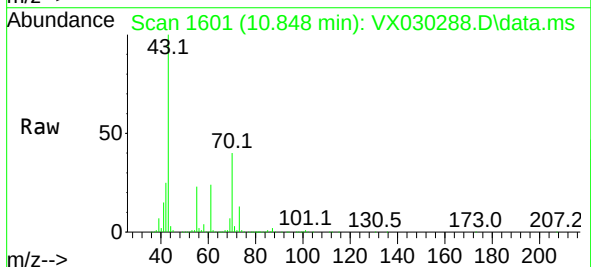
Tgt Ion:105 Resp: 66852
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

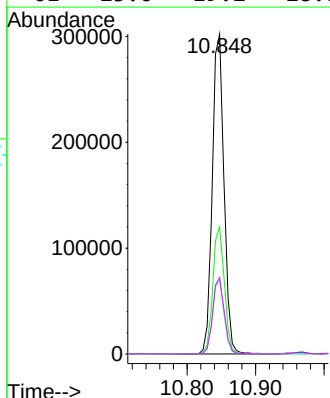
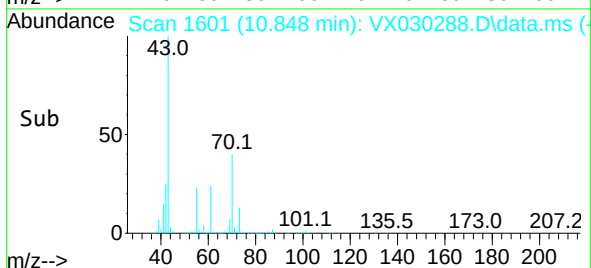
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

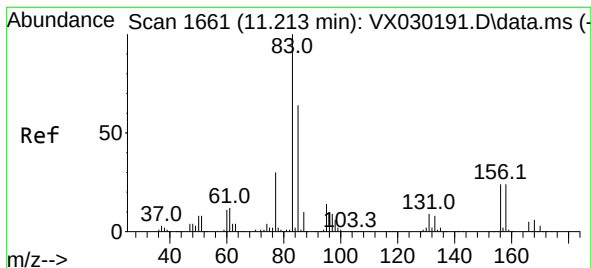


#74
N-ethyl acetate
Concen: 55.748 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



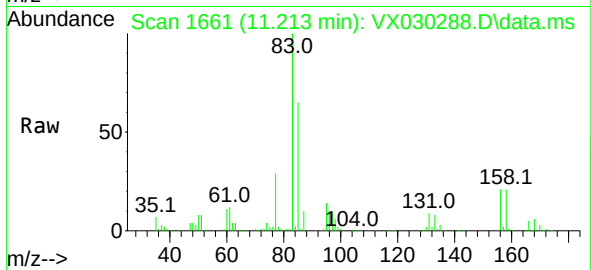
Tgt Ion: 43 Resp: 358835
Ion Ratio Lower Upper
43 100
70 39.2 32.3 48.5
55 22.9 18.4 27.6
61 23.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.713 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

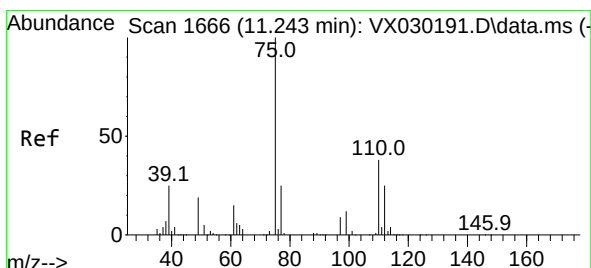
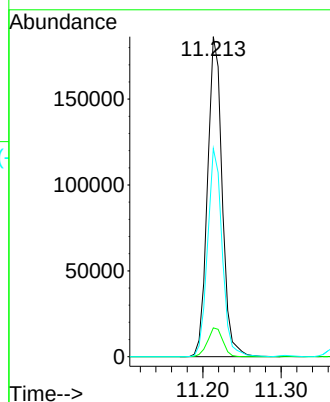
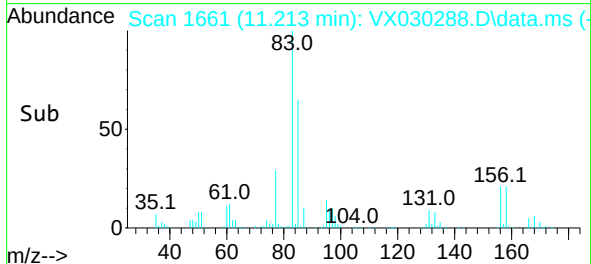
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



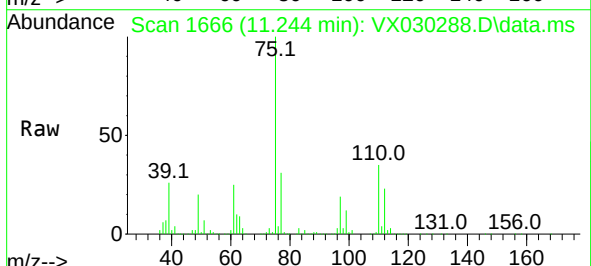
Tgt Ion: 83 Resp: 24098
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 64.8 32.5 97.5

Manual Integrations
APPROVED

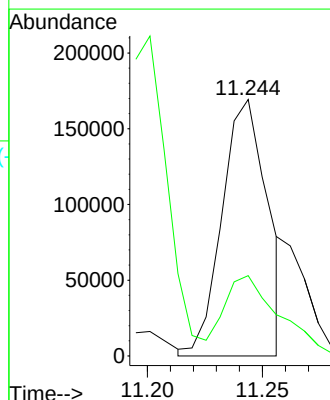
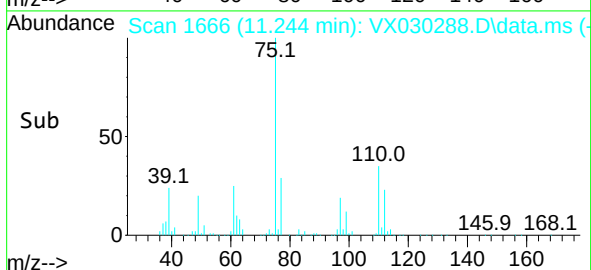
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

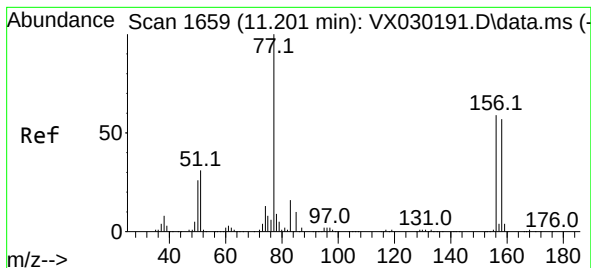


#76
1,2,3-Trichloropropane
Concen: 52.078 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion: 75 Resp: 232885
Ion Ratio Lower Upper
75 100
77 38.1 19.8 59.3





#77

Bromobenzene

Concen: 49.419 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030288.D

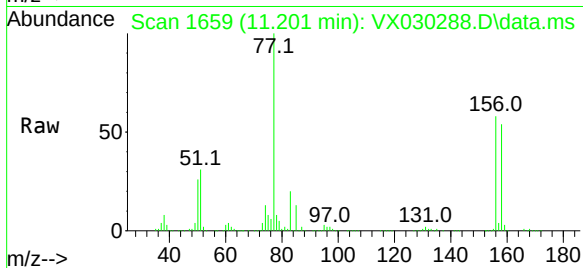
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 15361

Ion Ratio Lower Upper

156 100

77 182.2 82.7 247.9

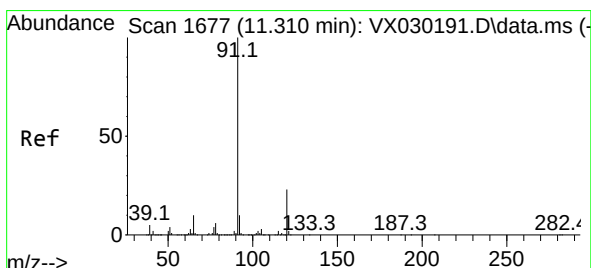
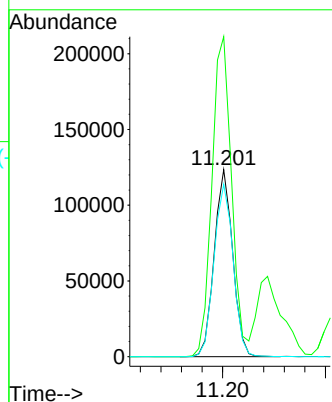
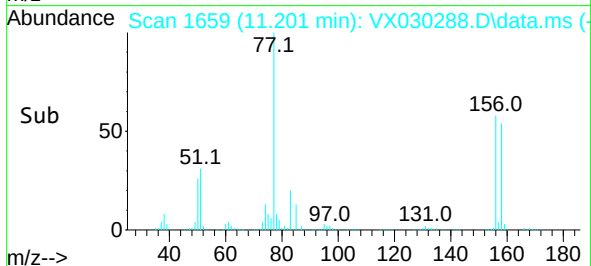
158 95.6 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#78

n-propylbenzene

Concen: 51.189 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030288.D

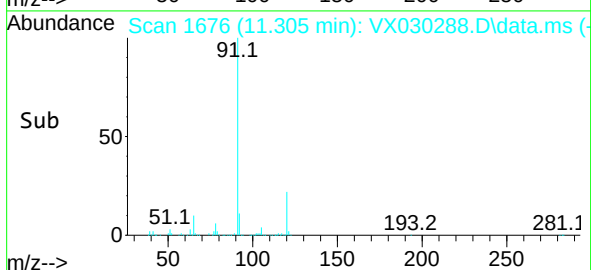
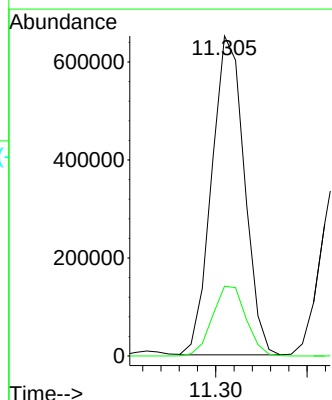
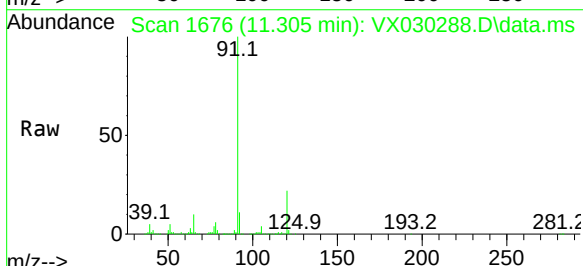
Acq: 28 Jul 2022 22:27

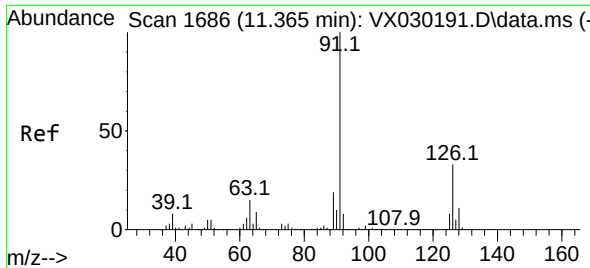
Tgt Ion: 91 Resp: 809140

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8





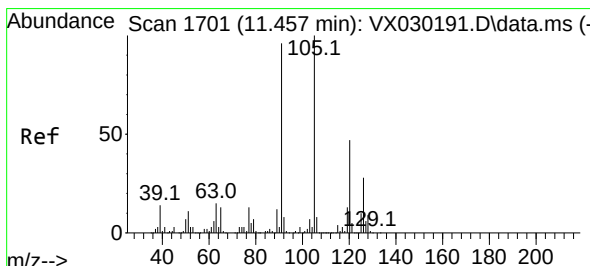
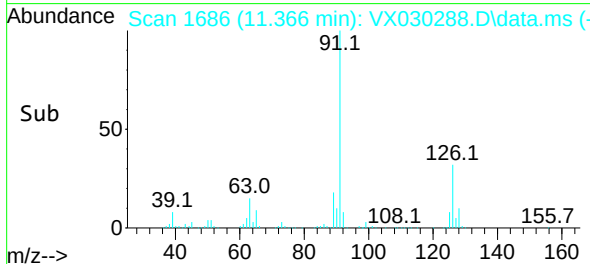
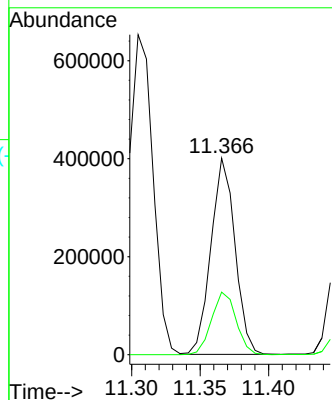
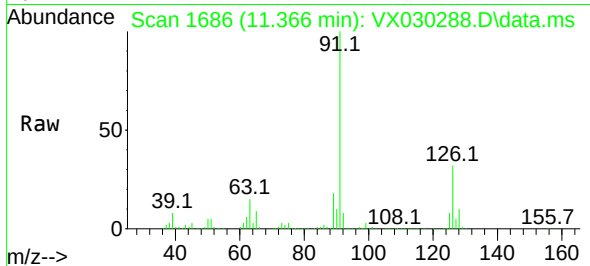
#79
2-Chlorotoluene
Concen: 48.958 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 488694
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3

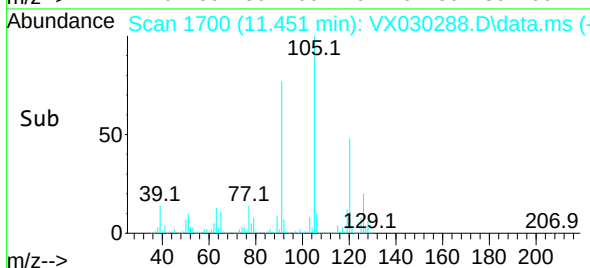
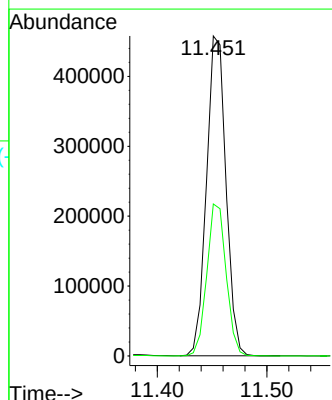
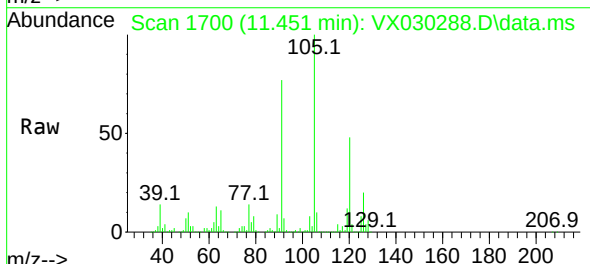
Manual Integrations
APPROVED

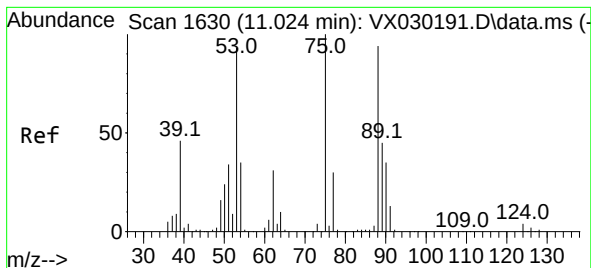
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.921 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Tgt Ion:105 Resp: 564698
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.2





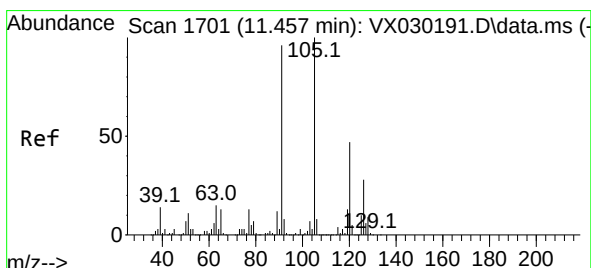
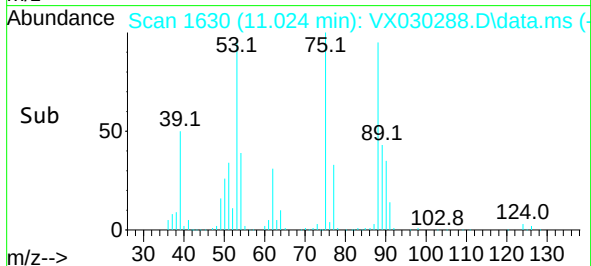
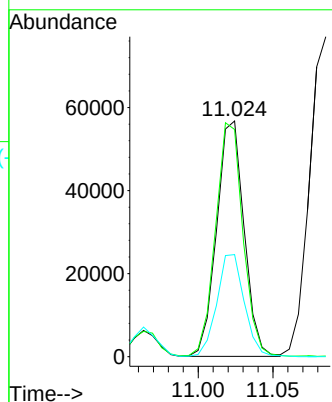
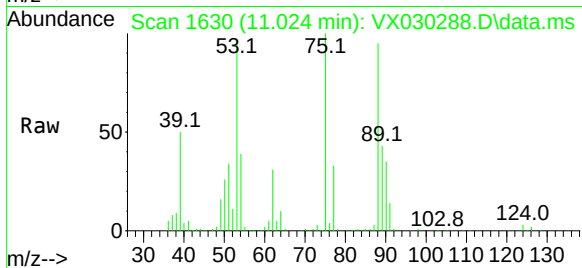
#81
trans-1,4-Dichloro-2-butene
Concen: 48.376 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7211
Ion Ratio Lower Upper
75 100
53 98.9 74.2 111.4
89 43.7 34.8 52.2

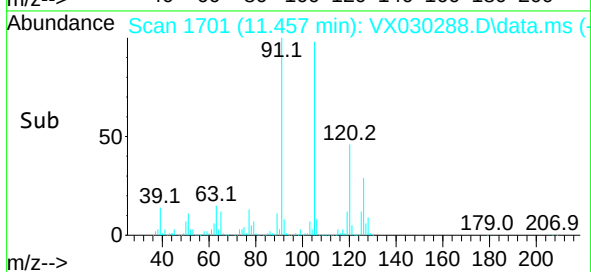
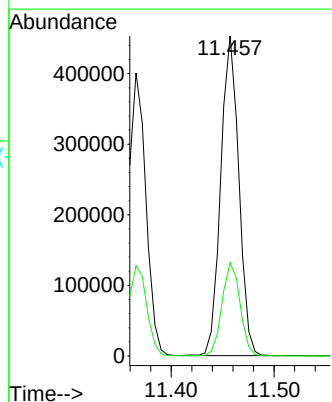
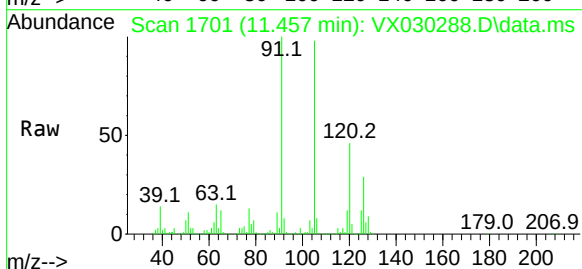
Manual Integrations
APPROVED

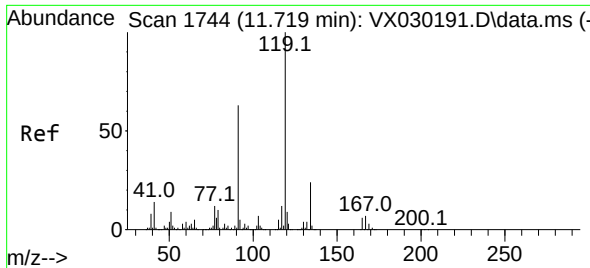
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#82
4-Chlorotoluene
Concen: 50.691 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

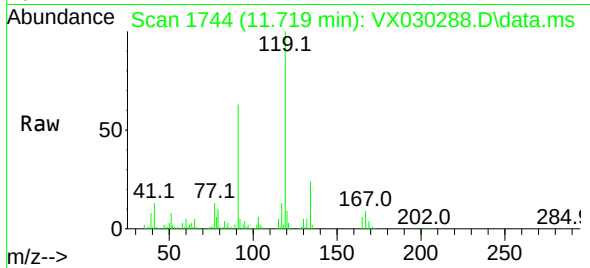
Tgt Ion: 91 Resp: 552846
Ion Ratio Lower Upper
91 100
126 29.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 51.038 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

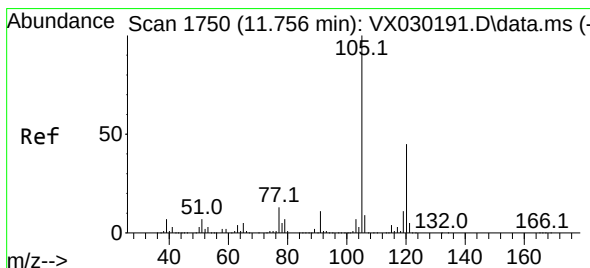
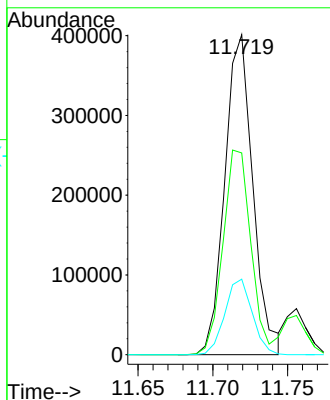
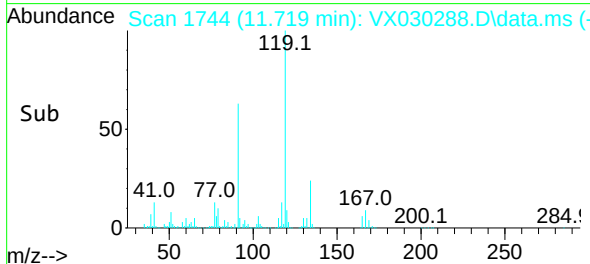
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



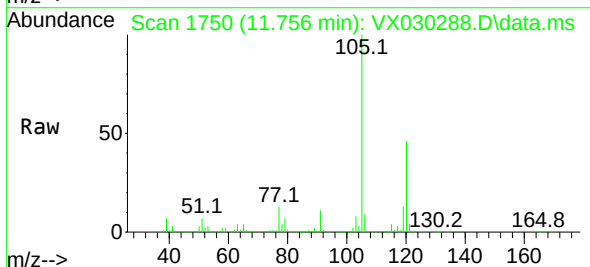
Tgt Ion:119 Resp: 524607
Ion Ratio Lower Upper
119 100
91 63.3 28.3 84.9
134 23.1 11.2 33.5

Manual Integrations
APPROVED

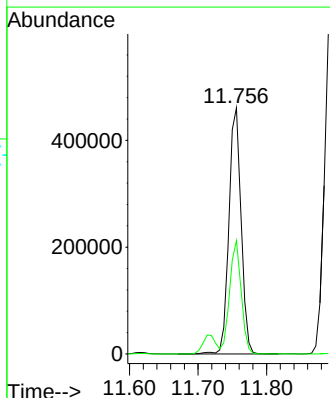
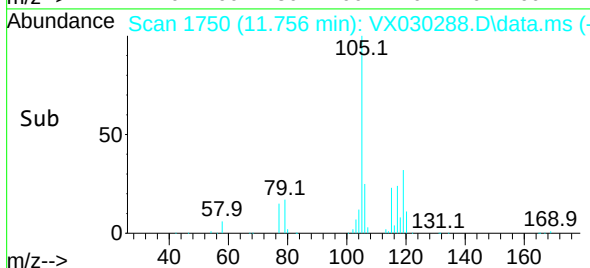
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

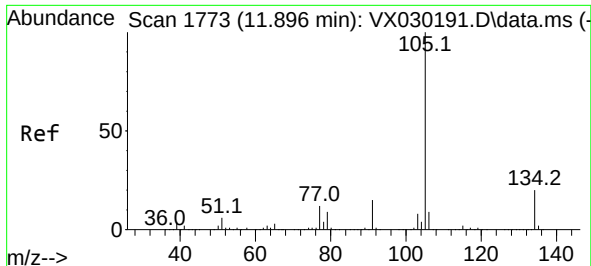


#84
1,2,4-Trimethylbenzene
Concen: 51.181 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion:105 Resp: 566252
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.8





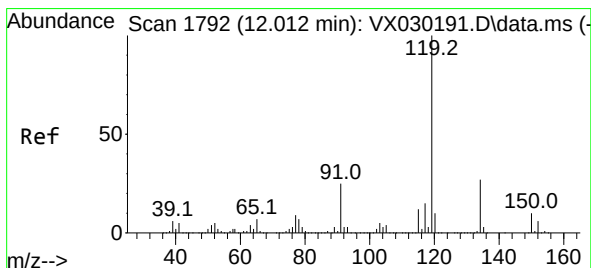
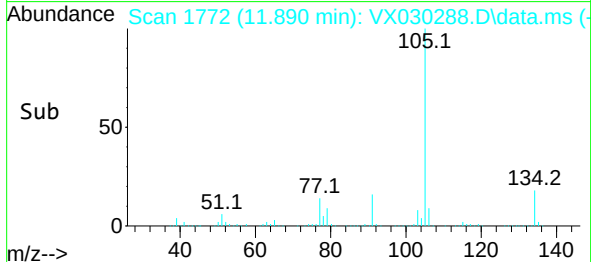
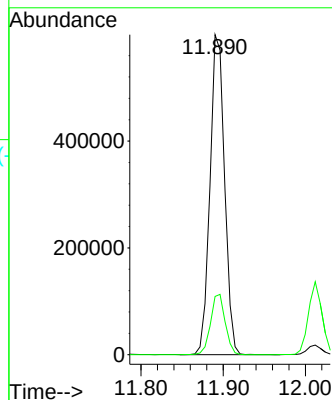
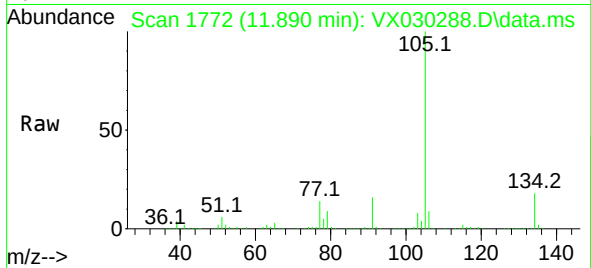
#85
 sec-Butylbenzene
 Concen: 52.439 ug/l
 RT: 11.890 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 73773
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.0 30.0

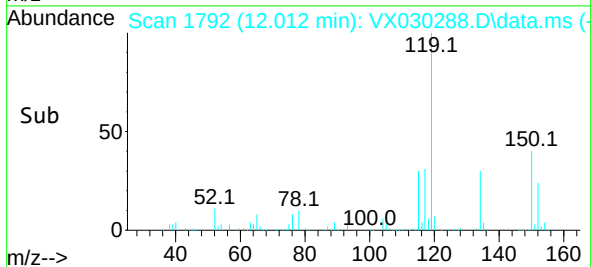
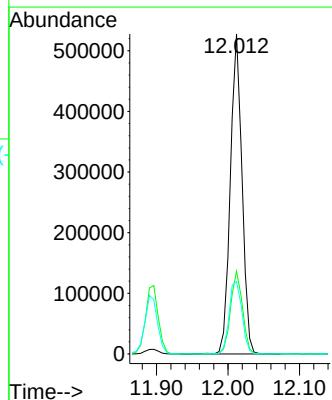
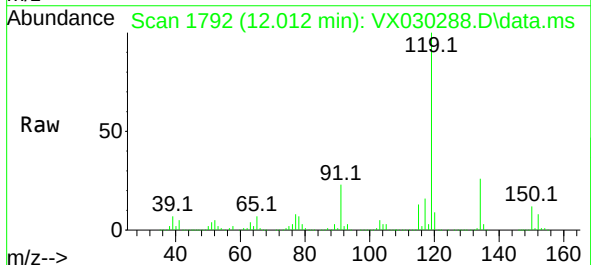
Manual Integrations
 APPROVED

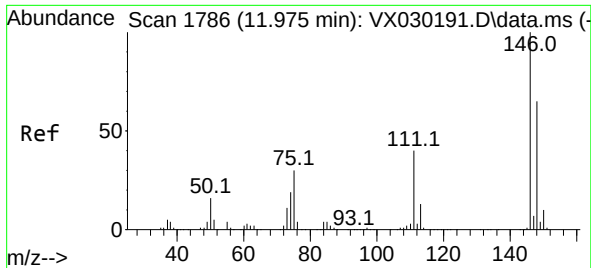
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#86
 p-Isopropyltoluene
 Concen: 52.967 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030288.D
 Acq: 28 Jul 2022 22:27

Tgt Ion:119 Resp: 596175
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.9 41.6
 91 25.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.976 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030288.D

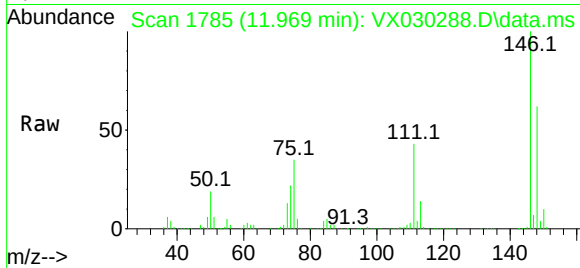
Acq: 28 Jul 2022 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 302129

Ion Ratio Lower Upper

146 100

111 42.3 20.3 60.8

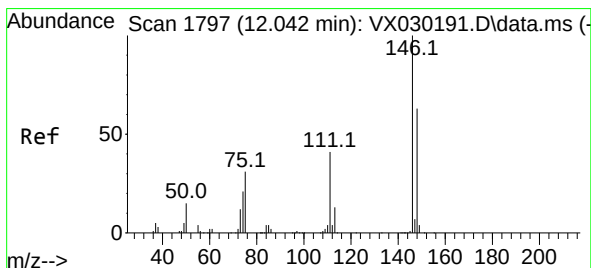
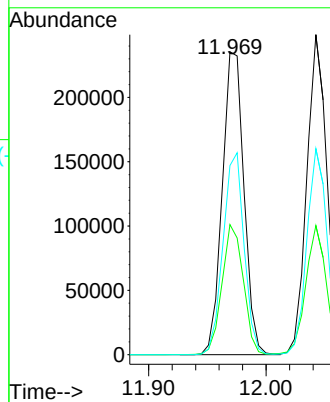
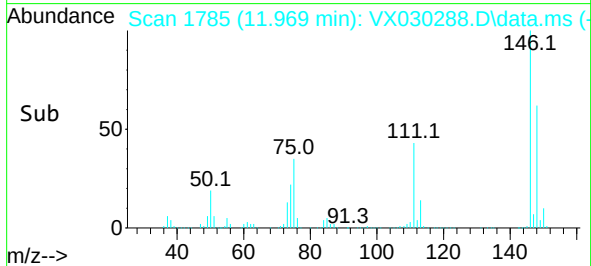
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#88

1,4-Dichlorobenzene

Concen: 48.464 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030288.D

Acq: 28 Jul 2022 22:27

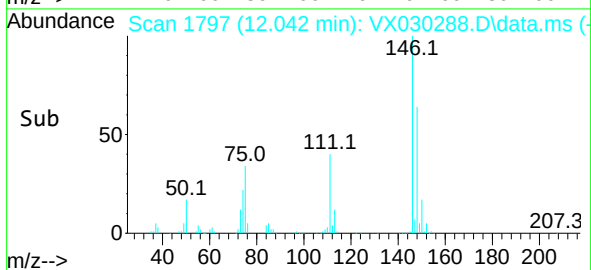
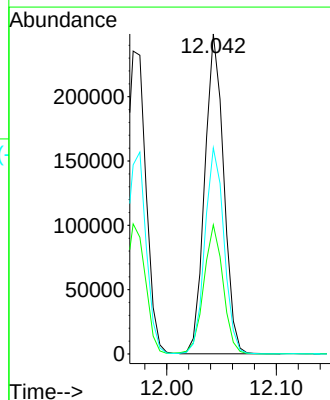
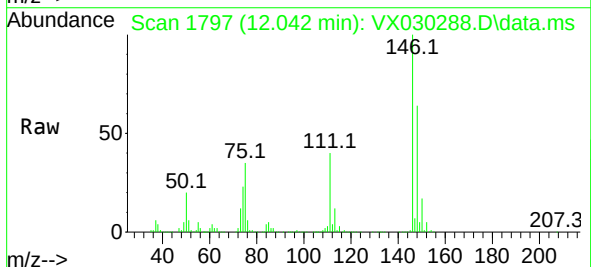
Tgt Ion:146 Resp: 298252

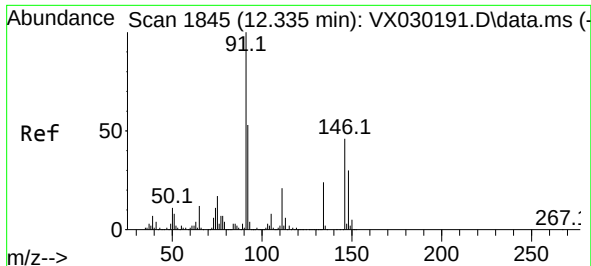
Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

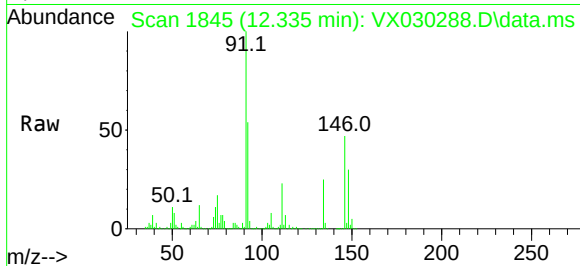
148 65.0 32.3 96.8





#89
n-Butylbenzene
Concen: 54.664 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

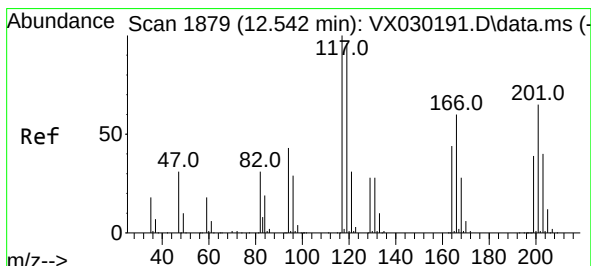
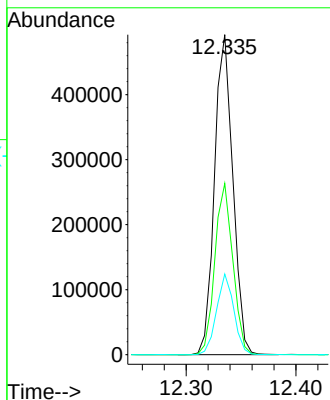
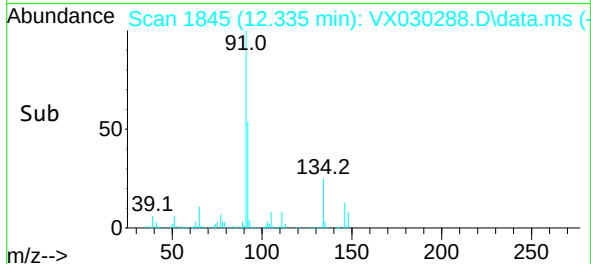
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 57282
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 23.8 12.6 37.8

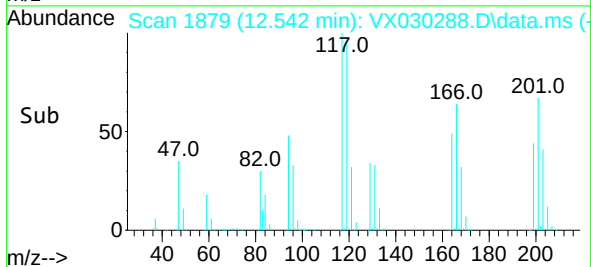
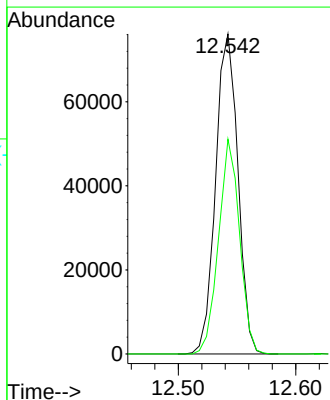
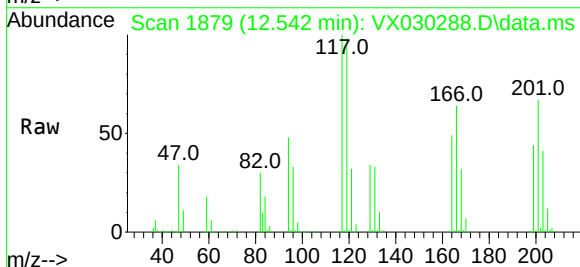
Manual Integrations
APPROVED

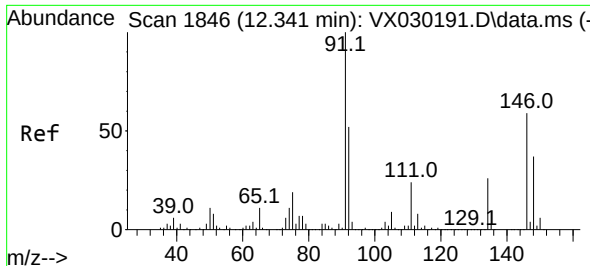
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#90
Hexachloroethane
Concen: 51.891 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

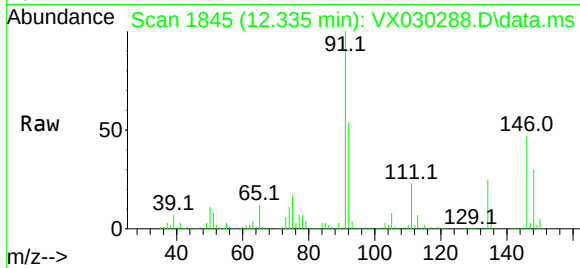
Tgt Ion:117 Resp: 100562
Ion Ratio Lower Upper
117 100
201 63.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.721 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

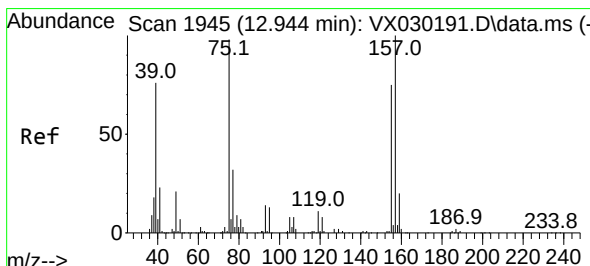
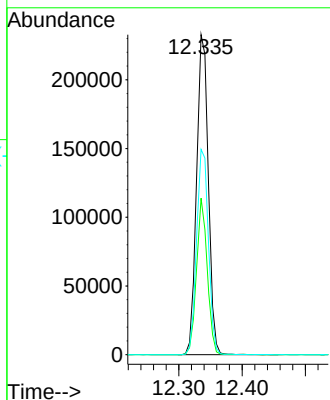
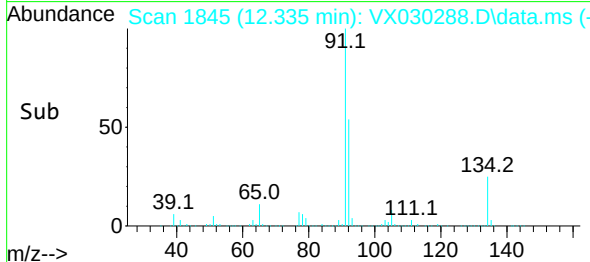
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 300964
Ion Ratio Lower Upper
146 100
111 44.8 20.7 62.1
148 64.8 32.0 96.2

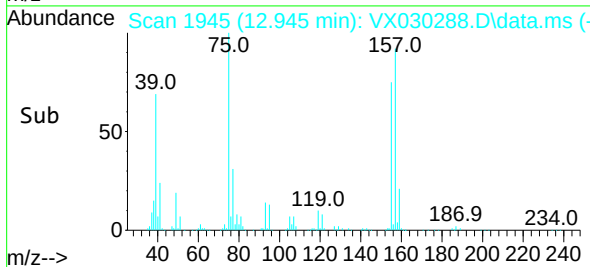
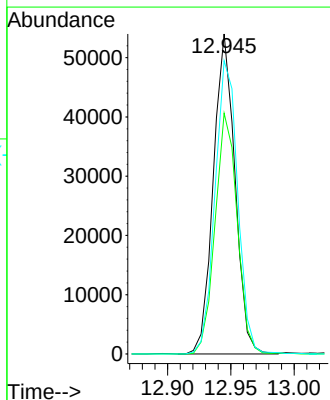
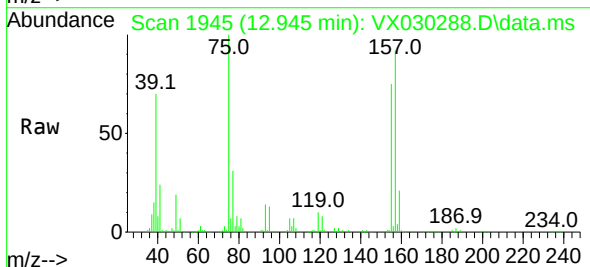
Manual Integrations
APPROVED

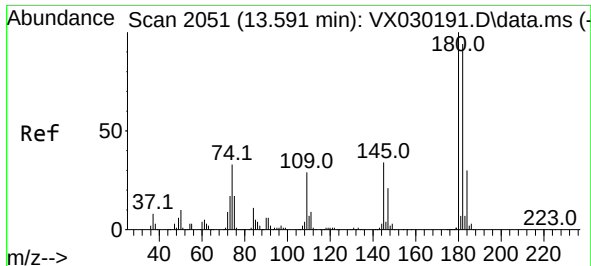
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.995 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

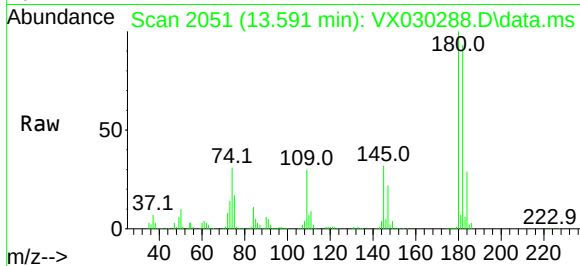
Tgt Ion: 75 Resp: 63939
Ion Ratio Lower Upper
75 100
155 77.0 45.0 134.8
157 96.3 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 50.588 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

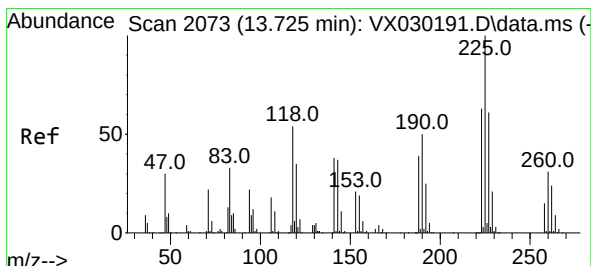
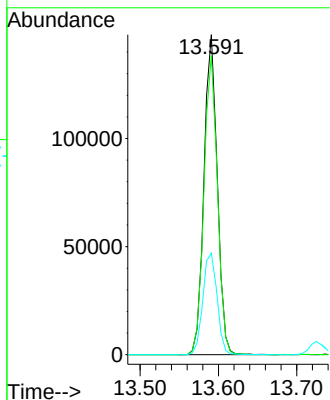
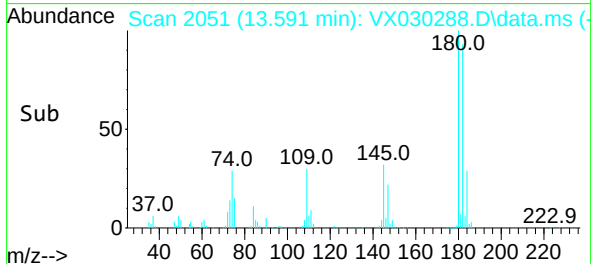
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



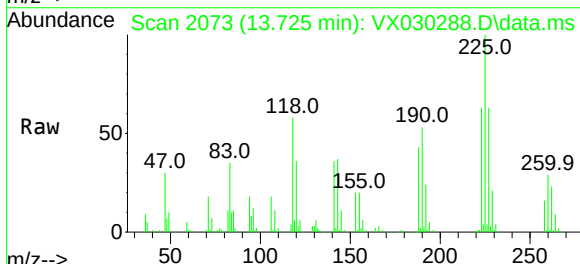
Tgt Ion:180 Resp: 174079
Ion Ratio Lower Upper
180 100
182 94.8 48.2 144.6
145 34.0 15.9 47.6

Manual Integrations
APPROVED

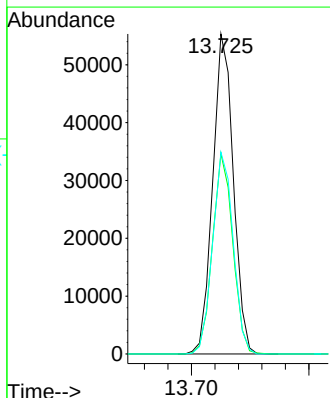
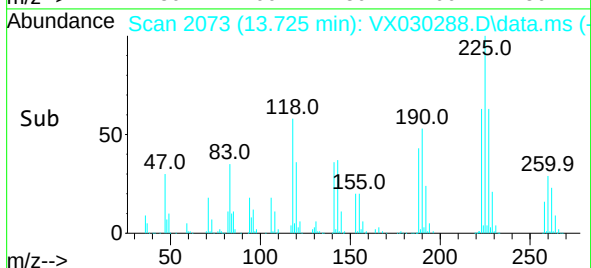
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

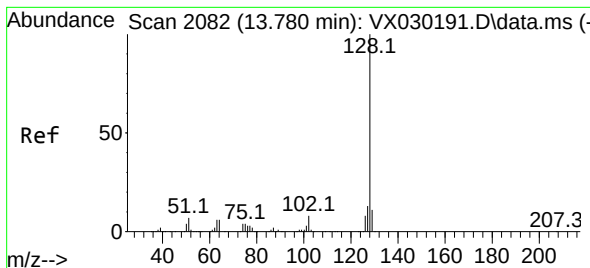


#94
Hexachlorobutadiene
Concen: 48.744 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



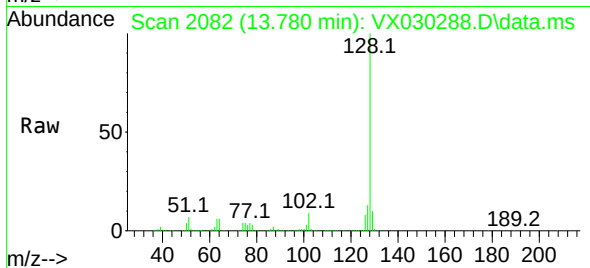
Tgt Ion:225 Resp: 67350
Ion Ratio Lower Upper
225 100
223 61.7 30.6 91.6
227 62.8 31.9 95.9





#95
Naphthalene
Concen: 57.061 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27

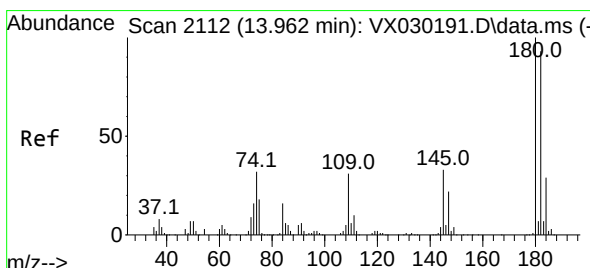
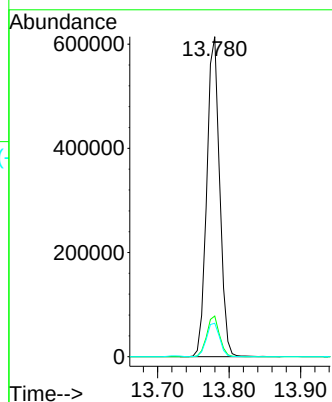
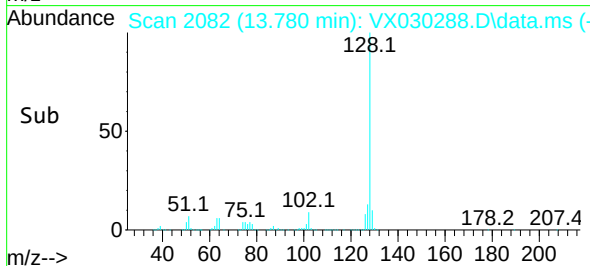
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



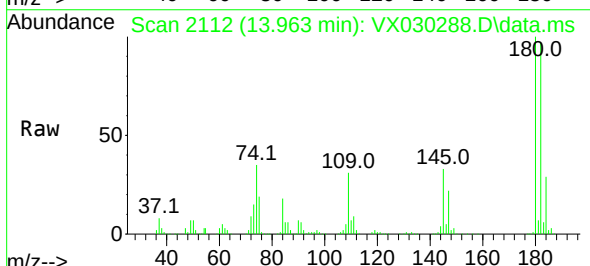
Tgt Ion:128 Resp: 76697
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.531 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030288.D
Acq: 28 Jul 2022 22:27



Tgt Ion:180 Resp: 181857
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 35.3 17.0 50.9

