

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX027006.D
 Acq On : 12 Feb 2022 06:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 14 00:31:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55592	49.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.340%		
35) Dibromofluoromethane	5.391	113	44396	47.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	8.653	98	169058	49.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	60611	50.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	44170	43.568	ug/l	100
3) Chloromethane	1.295	50	39962	42.371	ug/l	100
4) Vinyl Chloride	1.380	62	41996	42.537	ug/l	99
5) Bromomethane	1.618	94	17140	40.912	ug/l	99
6) Chloroethane	1.691	64	24755	45.294	ug/l	98
7) Trichlorofluoromethane	1.892	101	63223	43.515	ug/l	98
8) Diethyl Ether	2.136	74	23118	42.955	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	41409	43.481	ug/l	99
10) Methyl Iodide	2.459	142	55729	42.543	ug/l	97
11) Tert butyl alcohol	2.989	59	38767	191.735	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40888	42.850	ug/l	89
13) Acrolein	2.239	56	42751	228.798	ug/l	100
14) Allyl chloride	2.672	41	71264	42.163	ug/l	97
15) Acrylonitrile	3.069	53	130490	225.215	ug/l	99
16) Acetone	2.386	43	107959	219.622	ug/l	96
17) Carbon Disulfide	2.520	76	101553	37.595	ug/l	100
18) Methyl Acetate	2.709	43	60916	43.070	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	144708	42.845	ug/l	99
20) Methylene Chloride	2.794	84	46379	43.543	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	43388	43.211	ug/l	97
22) Diisopropyl ether	3.764	45	150459	44.215	ug/l	99
23) Vinyl Acetate	3.727	43	631369	220.677	ug/l	98
24) 1,1-Dichloroethane	3.617	63	82397	44.748	ug/l	99
25) 2-Butanone	4.562	43	181541	229.219	ug/l	97
26) 2,2-Dichloropropane	4.483	77	47089	37.849	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	52353	45.411	ug/l	94
28) Bromochloromethane	4.904	49	37085	48.585	ug/l	95
29) Tetrahydrofuran	5.007	42	121181	225.065	ug/l	98
30) Chloroform	5.105	83	83885	43.847	ug/l	100
31) Cyclohexane	5.477	56	76031	42.753	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	73080	43.326	ug/l	99
36) 1,1-Dichloropropene	5.696	75	62540	42.728	ug/l	98
37) Ethyl Acetate	4.715	43	71177	42.789	ug/l	99
38) Carbon Tetrachloride	5.684	117	64056	41.733	ug/l	97
39) Methylcyclohexane	7.385	83	75605	42.120	ug/l	98
40) Benzene	6.044	78	183778	43.081	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39765	44.107	ug/l	96
42) 1,2-Dichloroethane	6.092	62	67617	44.982	ug/l	98
43) Isopropyl Acetate	6.342	43	114155	44.603	ug/l	99
44) Trichloroethene	7.129	130	55099	43.017	ug/l	98
45) 1,2-Dichloropropane	7.434	63	47635	44.134	ug/l	99
46) Dibromomethane	7.580	93	33276	44.557	ug/l	96
47) Bromodichloromethane	7.824	83	64446	45.061	ug/l	98
48) Methyl methacrylate	7.696	41	57030	44.972	ug/l	97
49) 1,4-Dioxane	7.684	88	18641	853.033	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	356706	229.993	ug/l	98
52) Toluene	8.720	92	119088	44.093	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63684	41.372	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	71723	45.415	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	48665	47.596	ug/l	97
56) Ethyl methacrylate	9.116	69	76182	47.004	ug/l	96
57) 1,3-Dichloropropane	9.311	76	82155	46.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	192718	231.662	ug/l	98
59) 2-Hexanone	9.433	43	258240	227.641	ug/l	98
60) Dibromochloromethane	9.525	129	50096	47.617	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50745	46.973	ug/l	99
64) Tetrachloroethene	9.275	164	57762	41.203	ug/l	97
65) Chlorobenzene	10.079	112	127936	44.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47296	44.540	ug/l	99
67) Ethyl Benzene	10.195	91	230084	45.035	ug/l	99
68) m/p-Xylenes	10.305	106	173994	88.516	ug/l	98
69) o-Xylene	10.640	106	85255	44.263	ug/l	97
70) Styrene	10.659	104	140521	44.983	ug/l	98
71) Bromoform	10.799	173	32270	39.639	ug/l #	100
73) Isopropylbenzene	10.963	105	225291	45.971	ug/l	100
74) N-amyl acetate	10.842	43	86215	44.029	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58807	44.218	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59938m	44.009	ug/l	
77) Bromobenzene	11.201	156	52429	45.007	ug/l	96
78) n-propylbenzene	11.305	91	251377	46.269	ug/l	99
79) 2-Chlorotoluene	11.366	91	148907	44.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	181162	44.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16234	38.133	ug/l	95
82) 4-Chlorotoluene	11.457	91	169977	45.137	ug/l	97
83) tert-Butylbenzene	11.713	119	173080	45.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	182562	44.874	ug/l	98
85) sec-Butylbenzene	11.890	105	222023	45.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	187968	45.533	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95156	44.579	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	93928	43.633	ug/l	98
89) n-Butylbenzene	12.335	91	154356	45.700	ug/l	100
90) Hexachloroethane	12.542	117	27437	45.985	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	91341	44.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13992	42.782	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	59045	45.425	ug/l	99
94) Hexachlorobutadiene	13.725	225	23163	42.129	ug/l	98
95) Naphthalene	13.780	128	212893	46.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60323	45.832	ug/l	99

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QLast Update : Tue Feb 08 07:07:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

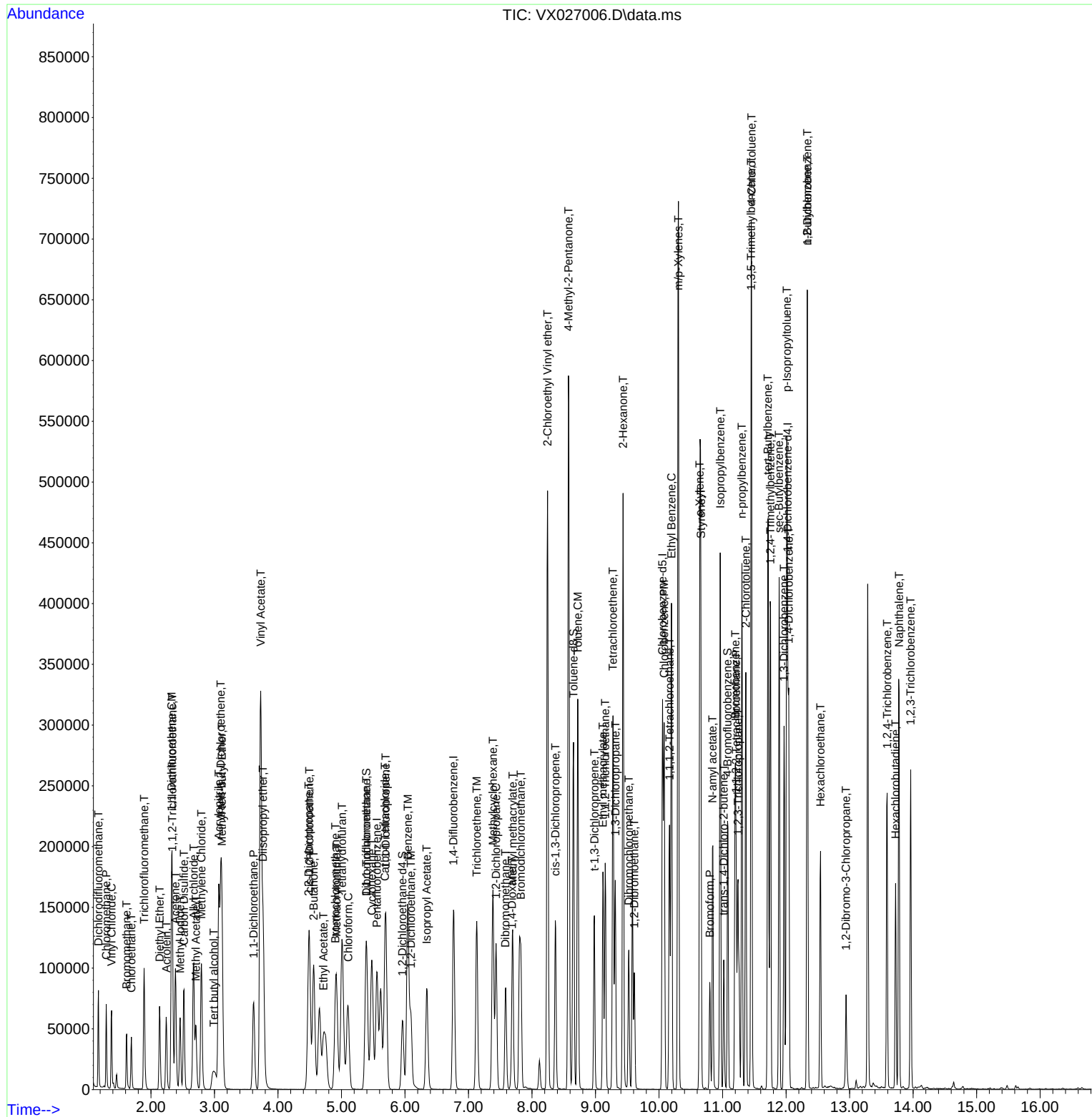
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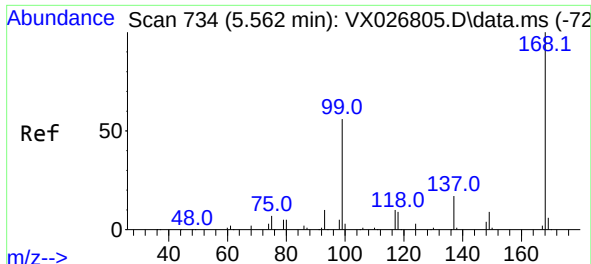
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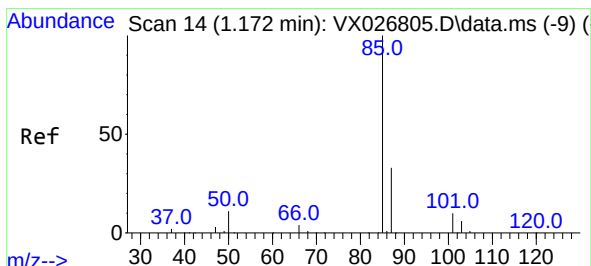
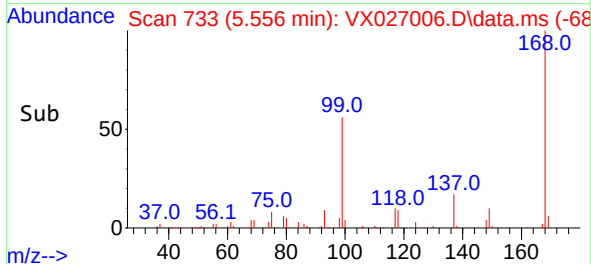
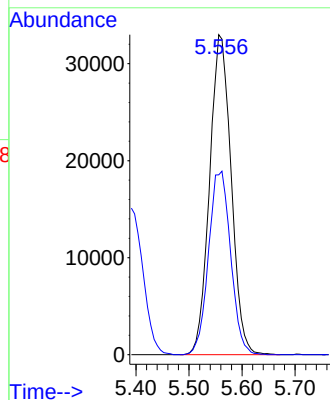
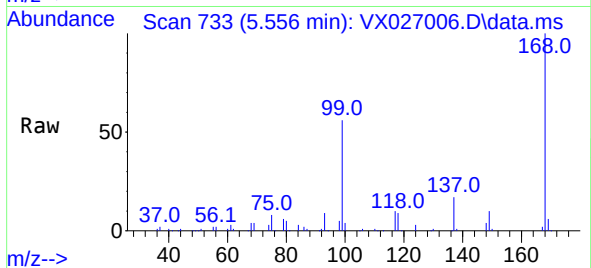
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 9323
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5

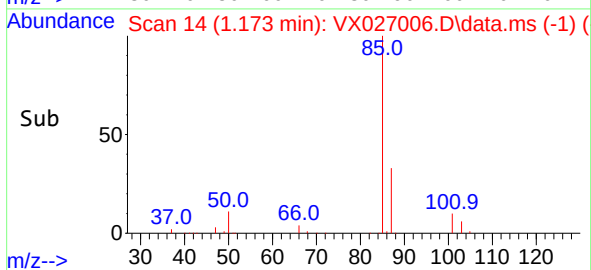
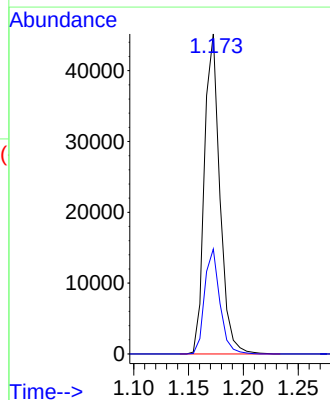
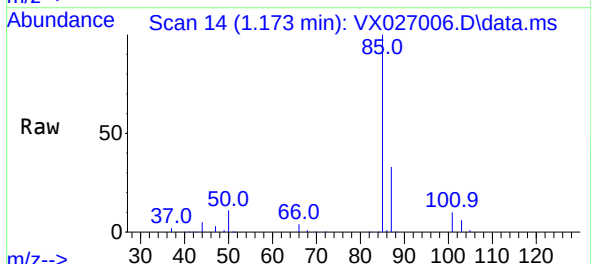
Manual Integrations
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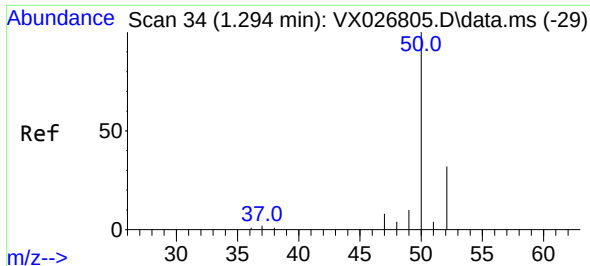
Reviewed By :John Carlone 02/14/2022
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#2
Dichlorodifluoromethane
Concen: 43.568 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion: 85 Resp: 44170
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





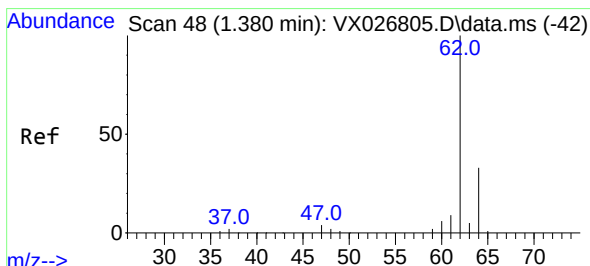
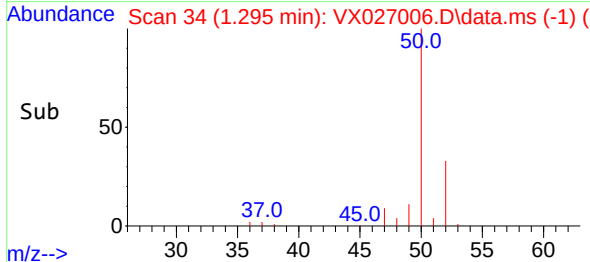
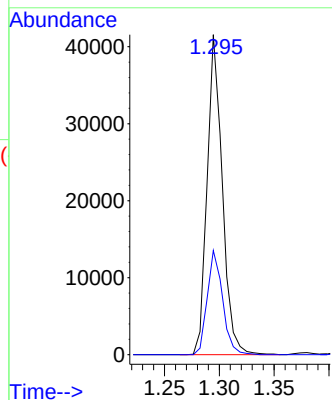
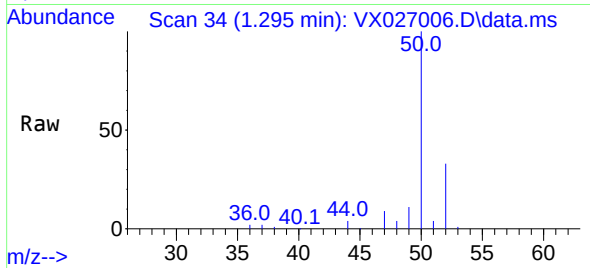
#3
Chloromethane
Concen: 42.371 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 3996
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

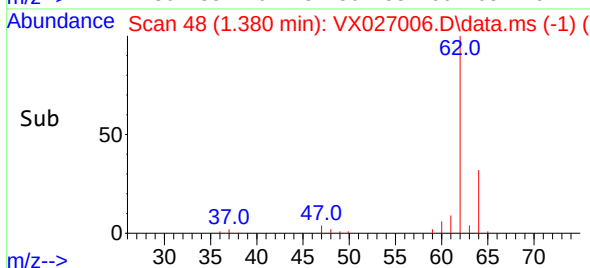
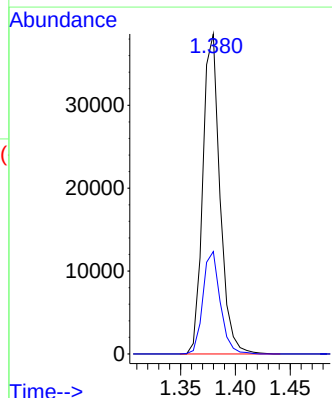
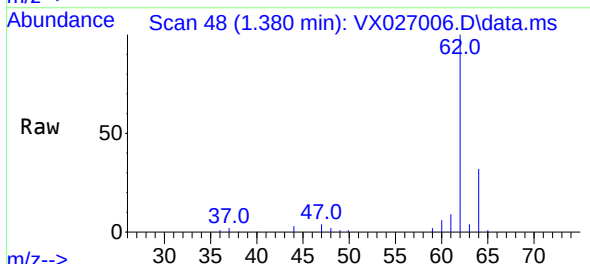
Manual Integrations
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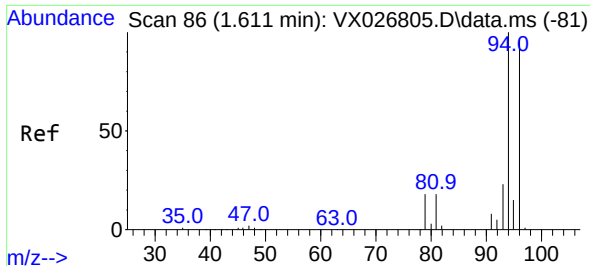
Reviewed By :John Carlone 02/14/2022
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#4
Vinyl Chloride
Concen: 42.537 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

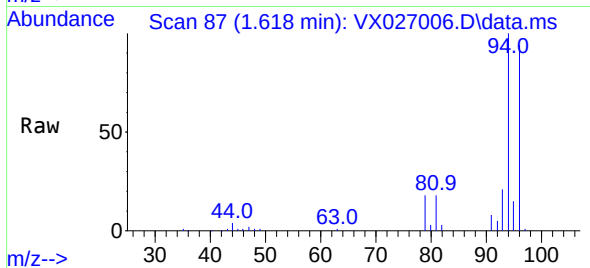
Tgt Ion: 62 Resp: 41996
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 40.912 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

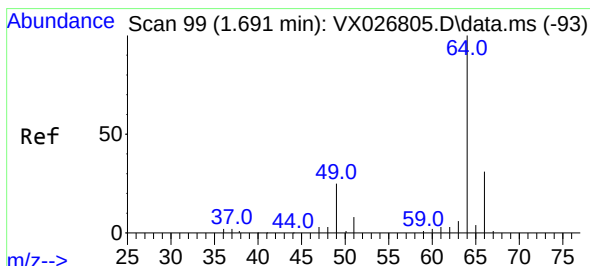
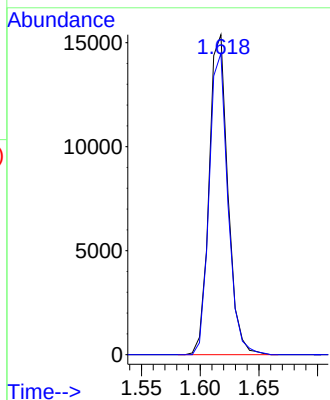
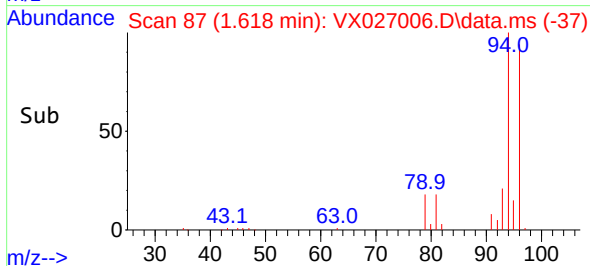
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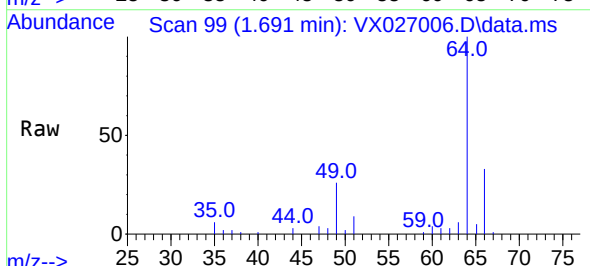
Tgt Ion: 94 Resp: 17140
Ion Ratio Lower Upper
94 100
96 94.2 75.9 113.9

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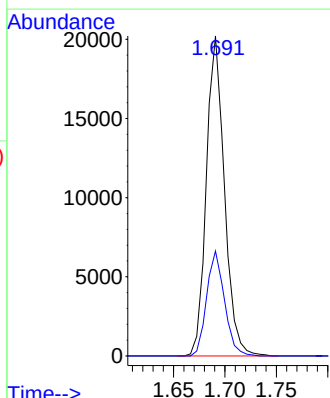
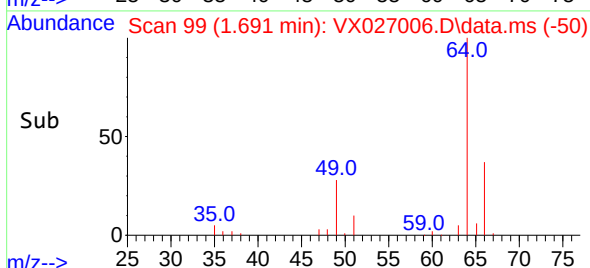
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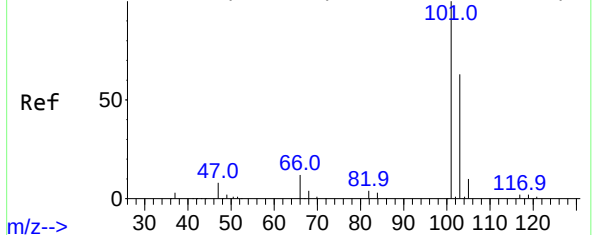
#6
Chloroethane
Concen: 45.294 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 64 Resp: 24755
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2



Abundance Scan 132 (1.892 min): VX026805.D\data.ms (-12



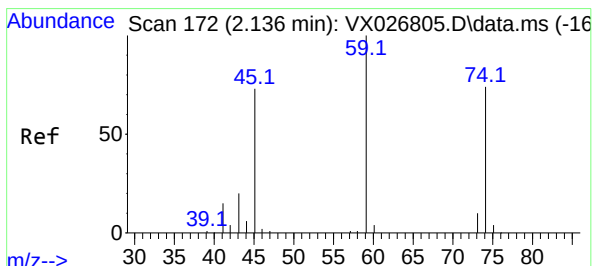
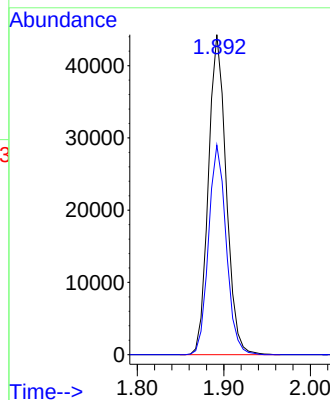
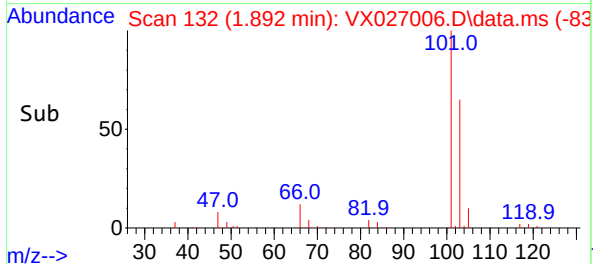
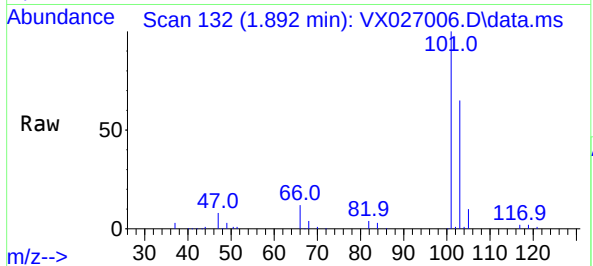
#7
Trichlorofluoromethane
Concen: 43.515 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
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Tgt Ion:101 Resp: 6322
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9

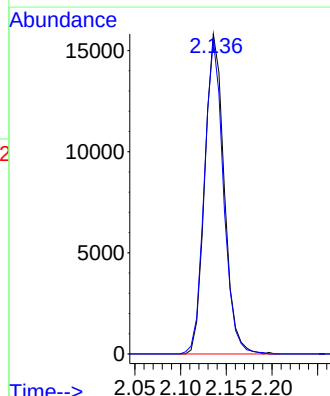
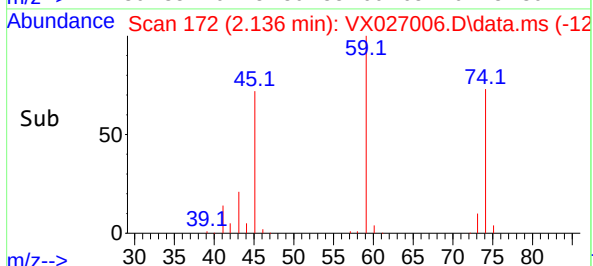
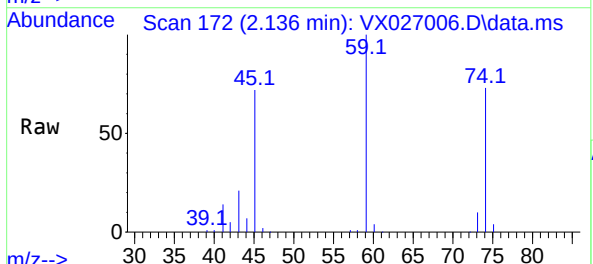
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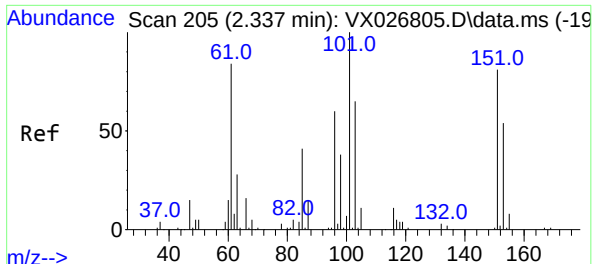
Reviewed By :John Carlone 02/14/2022
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#8
Diethyl Ether
Concen: 42.955 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion: 74 Resp: 23118
Ion Ratio Lower Upper
74 100
45 97.2 50.7 152.1





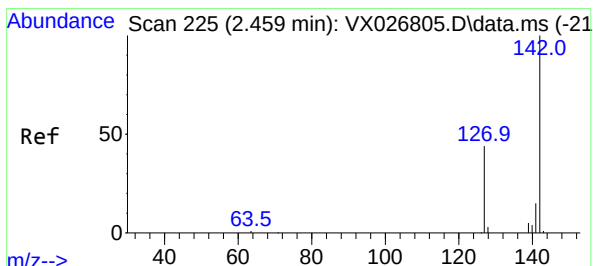
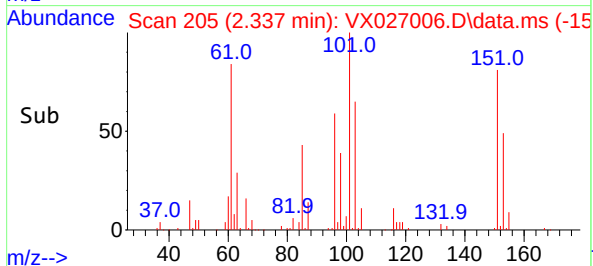
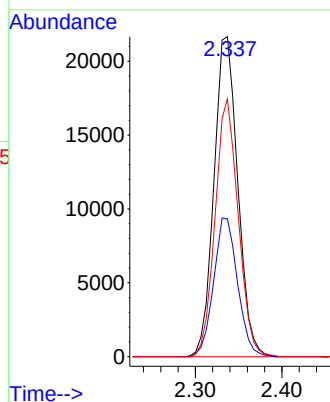
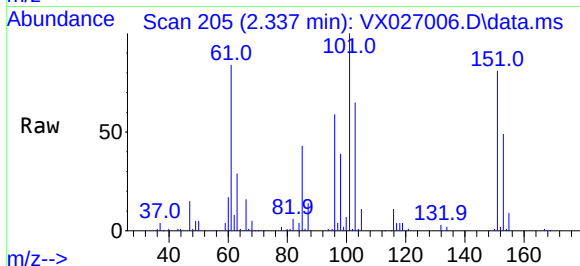
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.481 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 41409
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 78.2 61.4 92.2

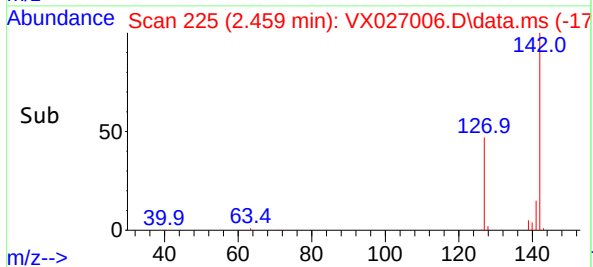
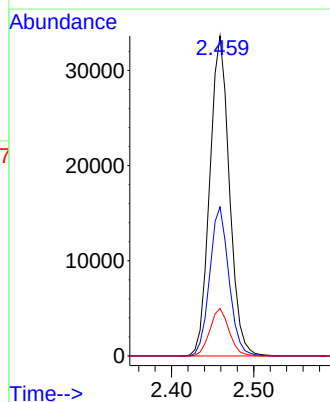
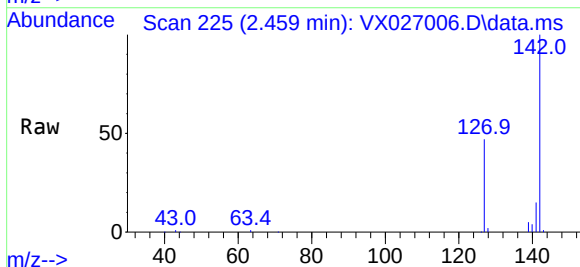
Manual Integrations
APPROVED

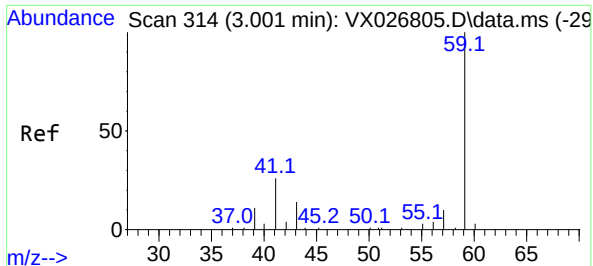
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#10
Methyl Iodide
Concen: 42.543 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion:142 Resp: 55729
Ion Ratio Lower Upper
142 100
127 45.5 38.1 57.1
141 14.5 11.2 16.8





#11

Tert butyl alcohol

Concen: 191.735 ug/l

RT: 2.989 min Scan# 314

Delta R.T. -0.012 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3876

Ion Ratio Lower Upper

59 100

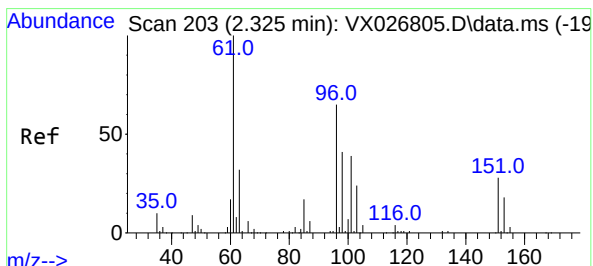
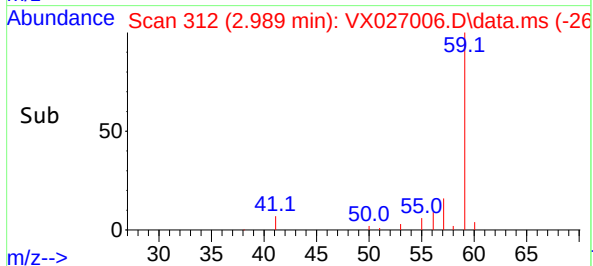
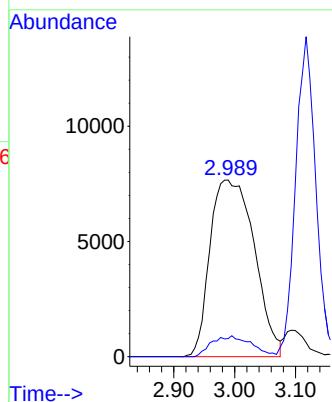
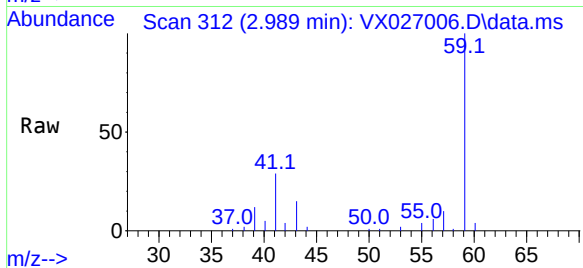
57 10.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#12

1,1-Dichloroethene

Concen: 42.850 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

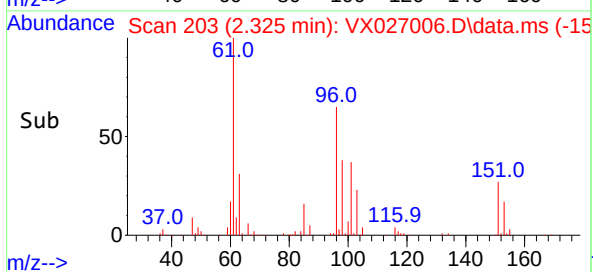
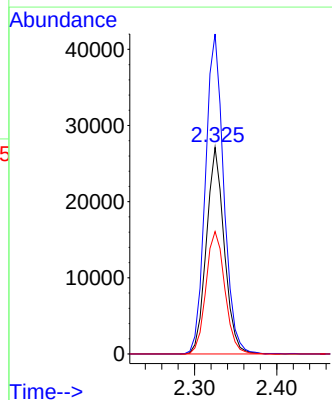
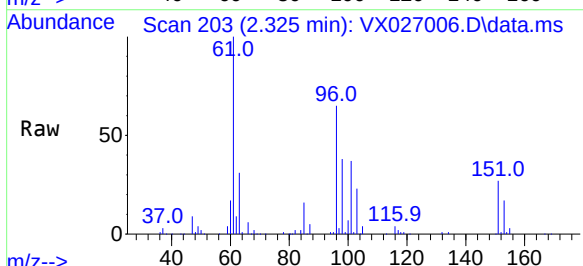
Tgt Ion: 96 Resp: 40888

Ion Ratio Lower Upper

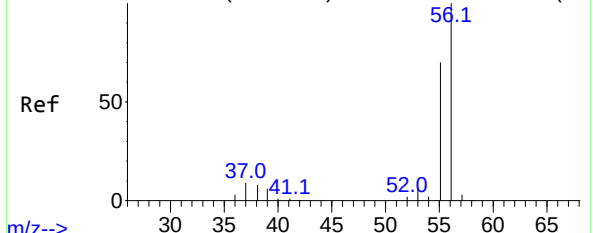
96 100

61 154.9 138.5 207.7

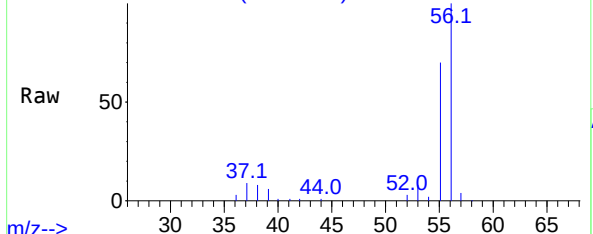
98 59.2 51.8 77.6



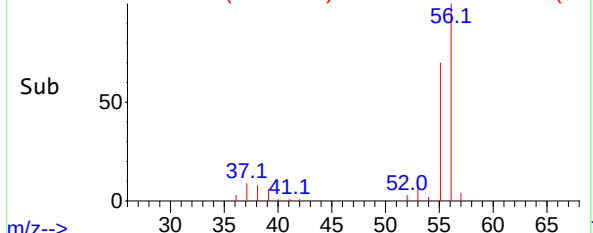
Abundance Scan 189 (2.239 min): VX026805.D\data.ms (-18



m/z--> Abundance Scan 189 (2.239 min): VX027006.D\data.ms



m/z--> Abundance Scan 189 (2.239 min): VX027006.D\data.ms (-14



m/z-->

#13

Acrolein

Concen: 228.798 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Tgt Ion: 56 Resp: 4275

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

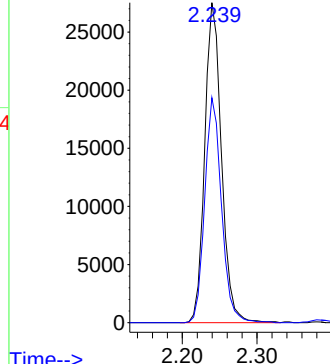
Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

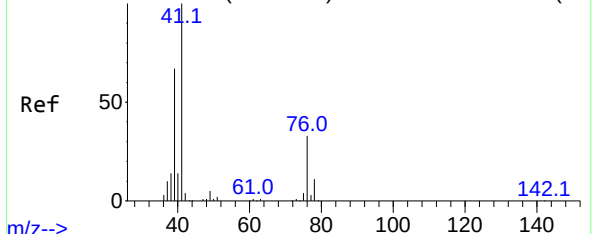
Supervised By :Mahesh Dadoda 02/15/2022

Abundance

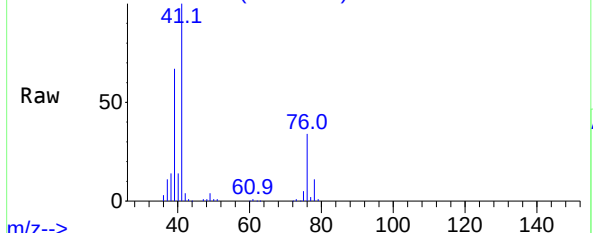


Time-->

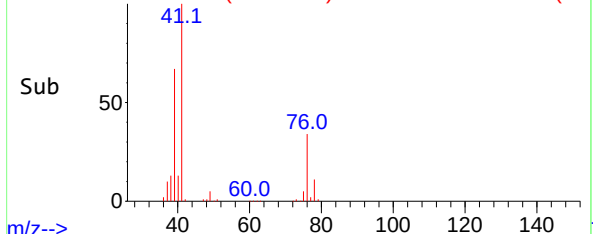
Abundance Scan 259 (2.666 min): VX026805.D\data.ms (-24



m/z--> Abundance Scan 260 (2.672 min): VX027006.D\data.ms



m/z--> Abundance Scan 260 (2.672 min): VX027006.D\data.ms (-21



m/z-->

#14

Allyl chloride

Concen: 42.163 ug/l

RT: 2.672 min Scan# 260

Delta R.T. 0.006 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Tgt Ion: 41 Resp: 71264

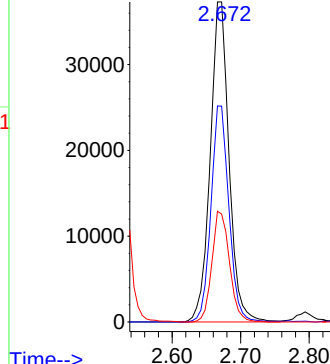
Ion Ratio Lower Upper

41 100

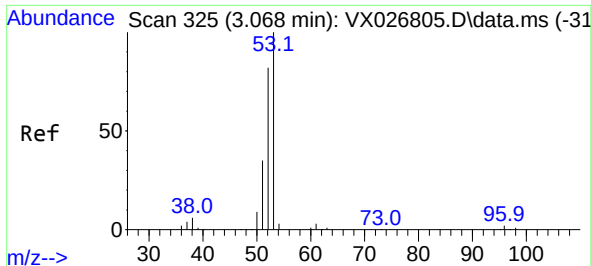
39 64.4 54.2 81.4

76 32.2 25.2 37.8

Abundance

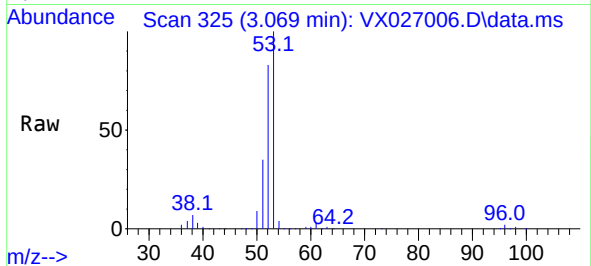


Time-->



#15
Acrylonitrile
Concen: 225.215 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

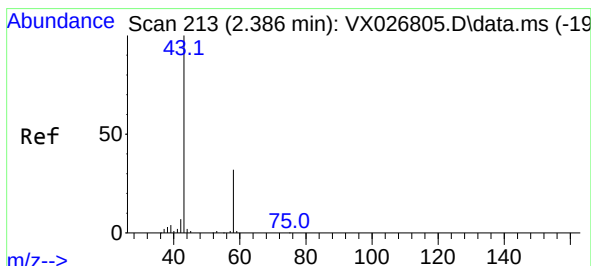
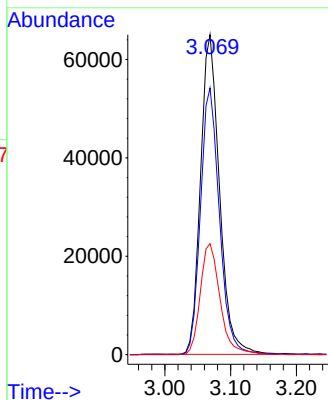
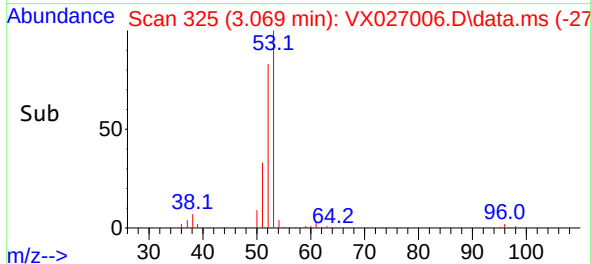
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



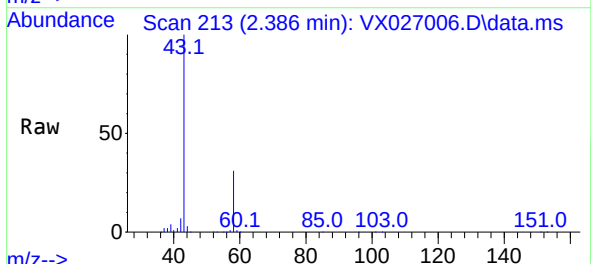
Tgt Ion: 53 Resp: 130490
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 35.8 29.5 44.3

Manual Integrations
APPROVED

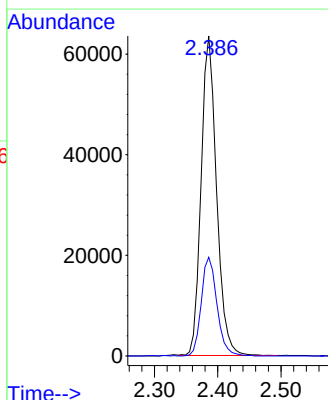
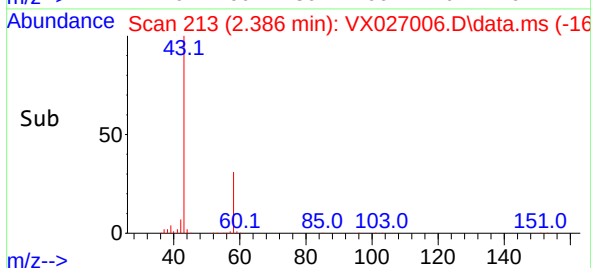
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

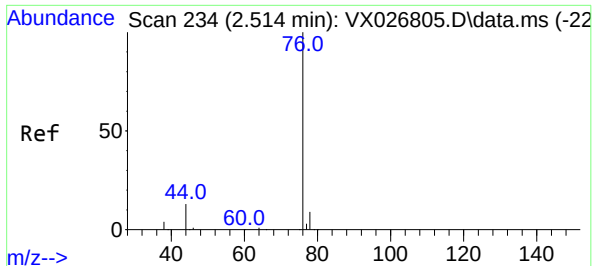


#16
Acetone
Concen: 219.622 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 43 Resp: 107959
Ion Ratio Lower Upper
43 100
58 30.9 23.0 34.6





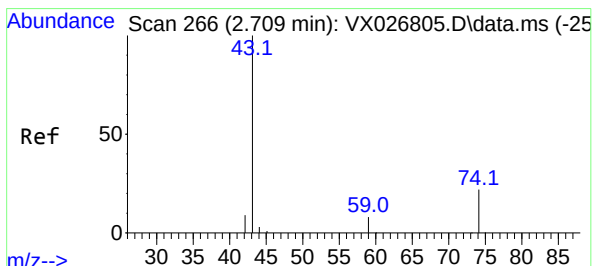
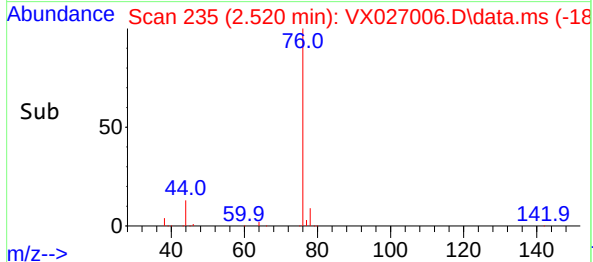
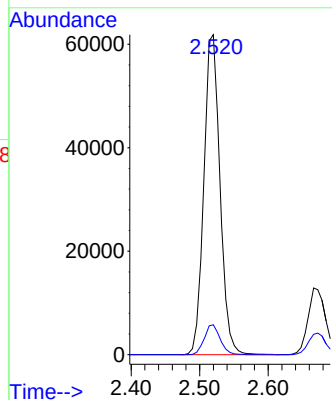
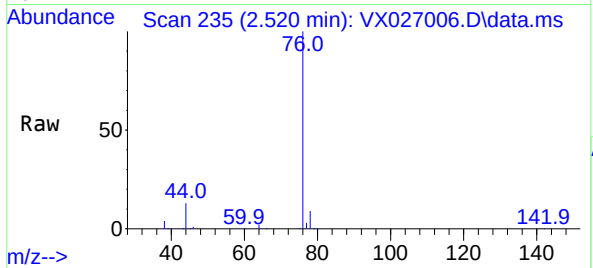
#17
Carbon Disulfide
Concen: 37.595 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 10155
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

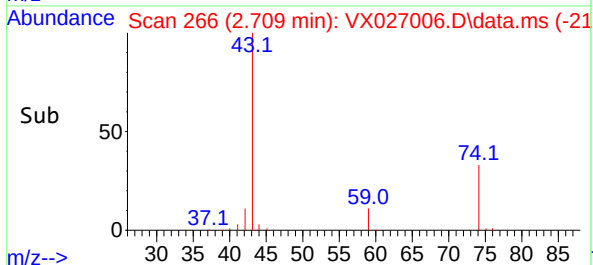
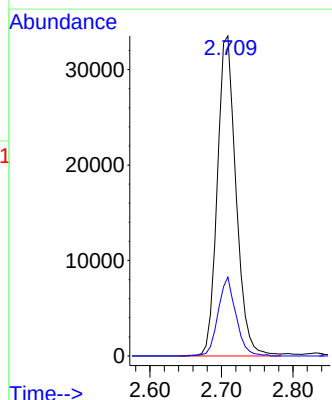
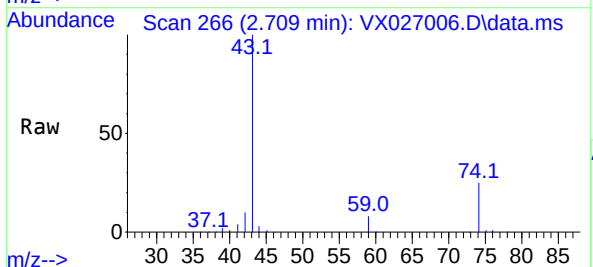
Manual Integrations
APPROVED

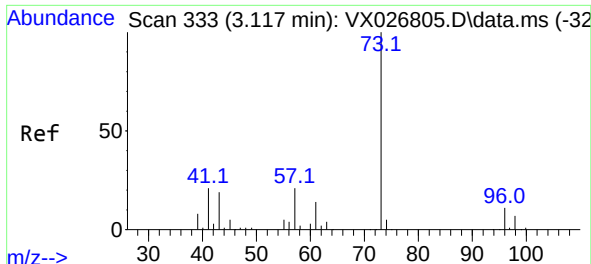
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#18
Methyl Acetate
Concen: 43.070 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

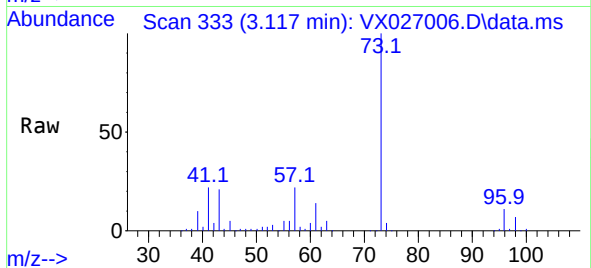
Tgt Ion: 43 Resp: 60916
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 42.845 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

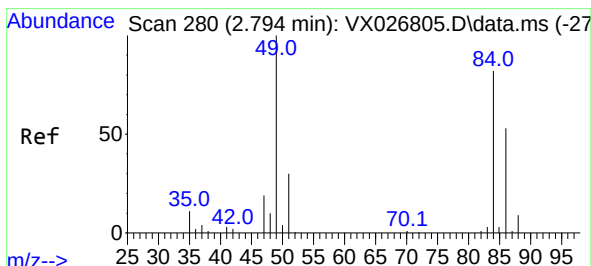
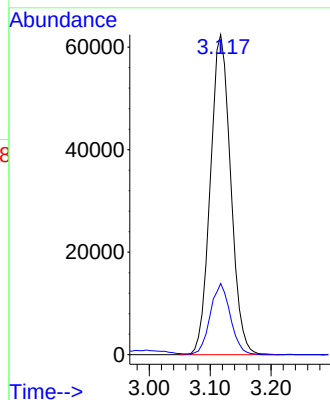
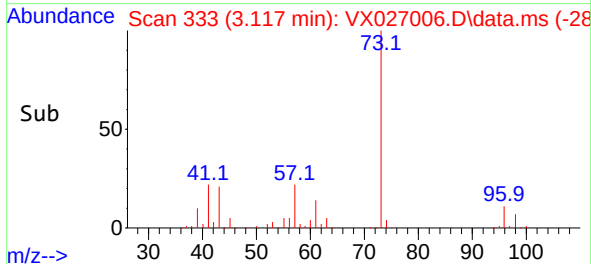
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



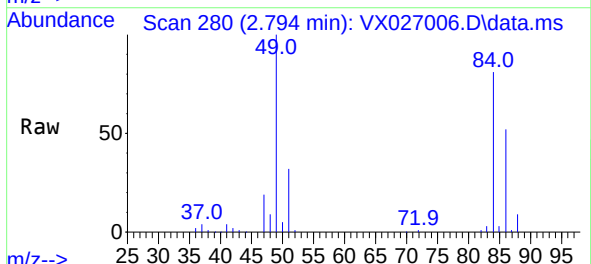
Tgt Ion: 73 Resp: 144708
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

Manual Integrations
APPROVED

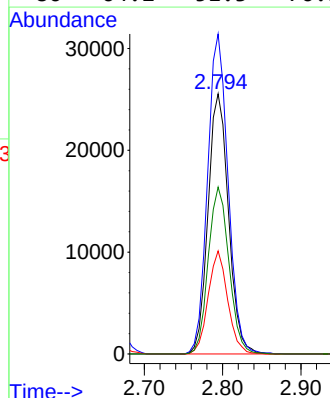
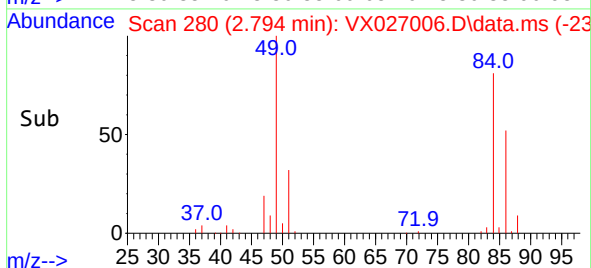
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

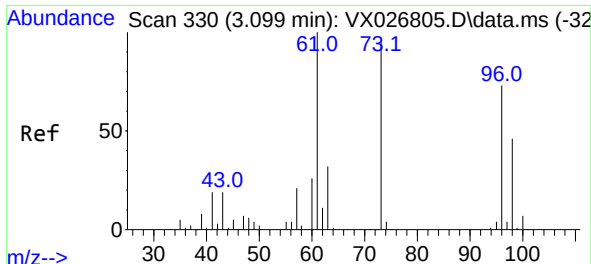


#20
Methylene Chloride
Concen: 43.543 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



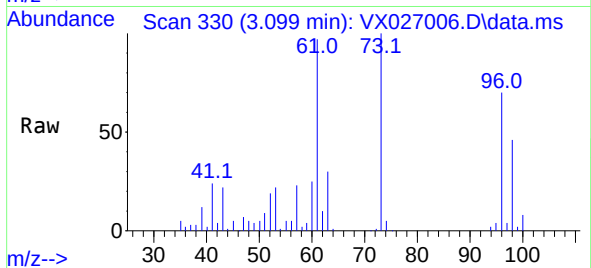
Tgt Ion: 84 Resp: 46379
Ion Ratio Lower Upper
84 100
49 123.0 101.5 152.3
51 39.6 31.2 46.8
86 64.2 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 43.211 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

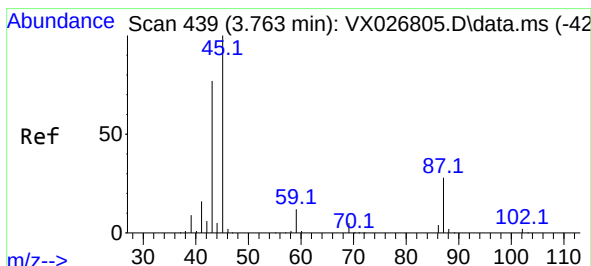
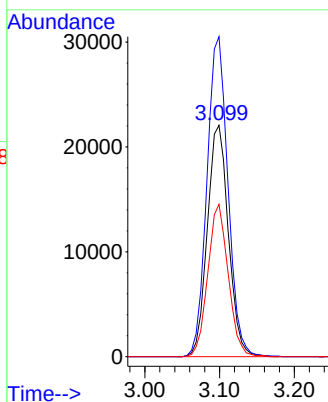
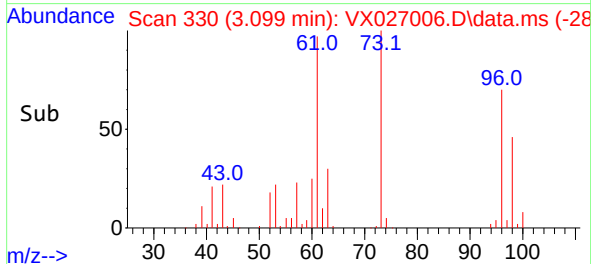
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



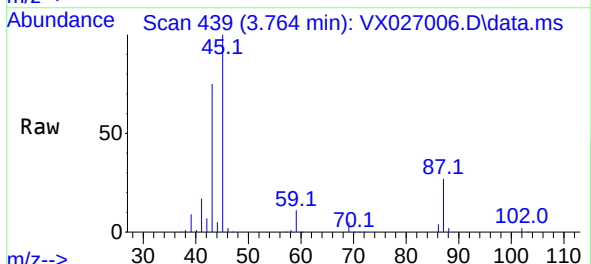
Tgt Ion: 96 Resp: 43388
Ion Ratio Lower Upper
96 100
61 138.3 112.9 169.3
98 65.8 49.5 74.3

Manual Integrations
APPROVED

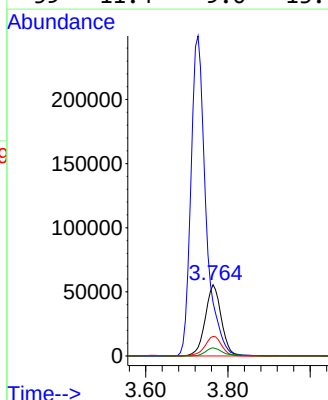
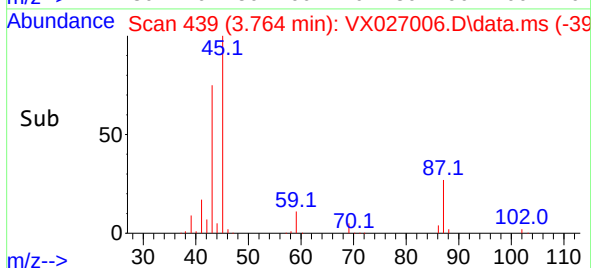
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

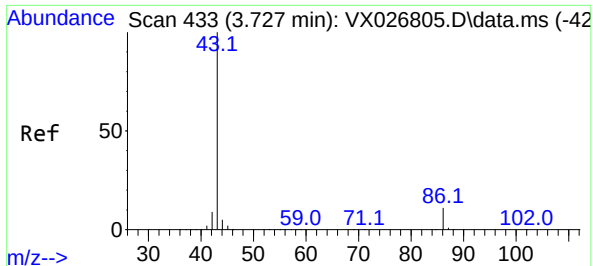


#22
Diisopropyl ether
Concen: 44.215 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



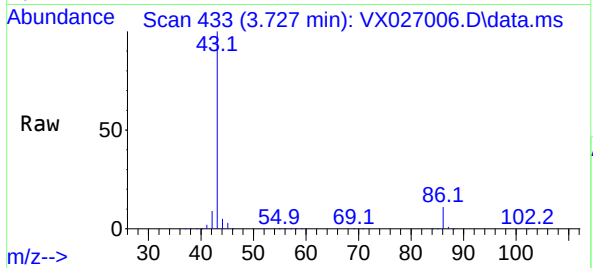
Tgt Ion: 45 Resp: 150459
Ion Ratio Lower Upper
45 100
43 74.7 60.6 91.0
87 27.4 22.0 33.0
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 220.677 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027006.D
 Acq: 12 Feb 2022 06:44

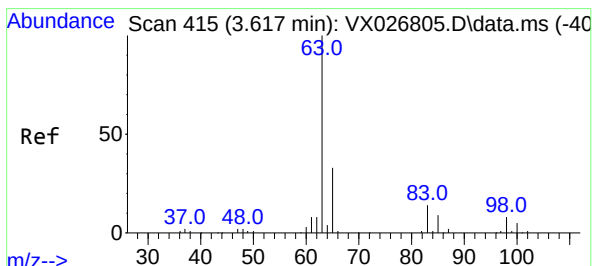
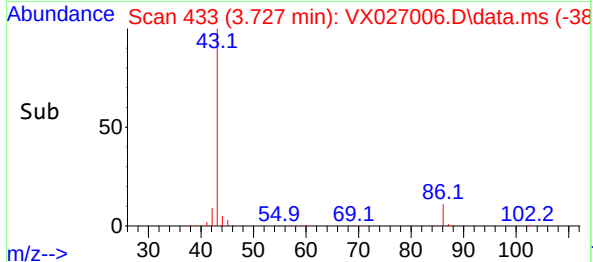
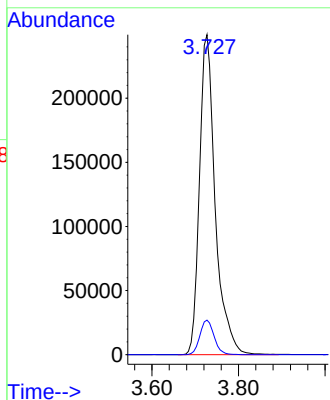
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 631369
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1

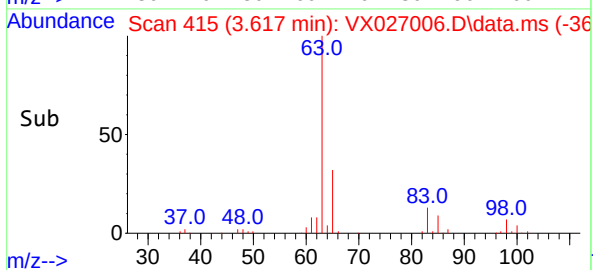
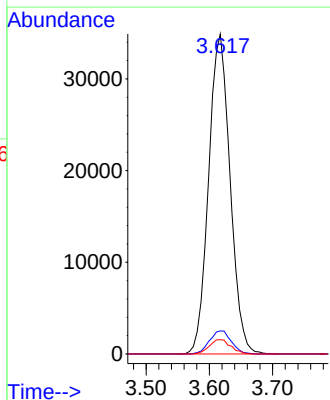
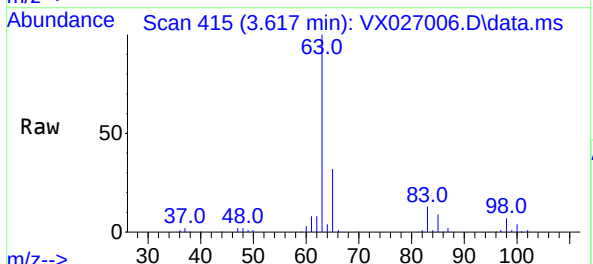
Manual Integrations
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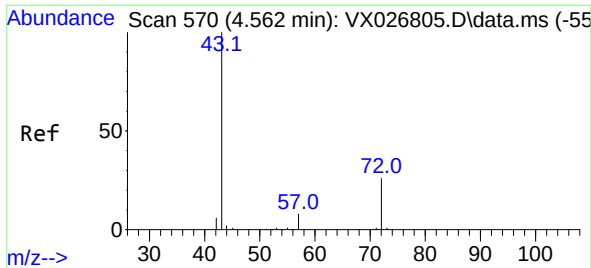
Reviewed By :John Carlone 02/14/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#24
 1,1-Dichloroethane
 Concen: 44.748 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX027006.D
 Acq: 12 Feb 2022 06:44

Tgt Ion: 63 Resp: 82397
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 229.219 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18154

Ion Ratio Lower Upper

43 100

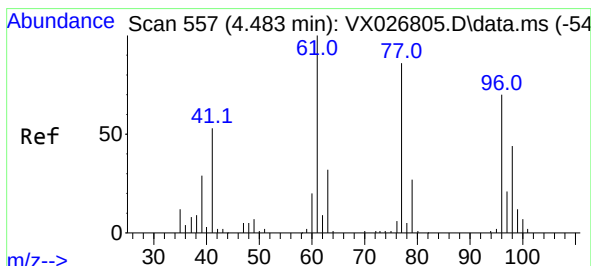
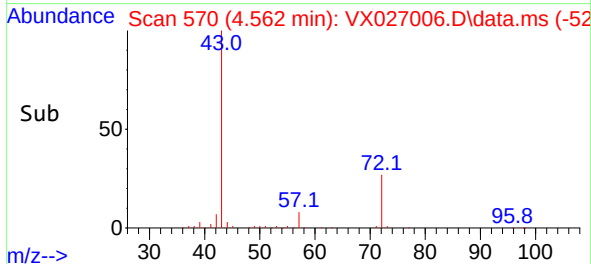
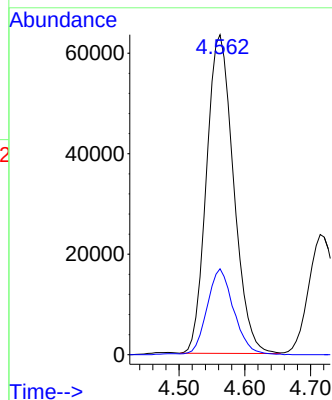
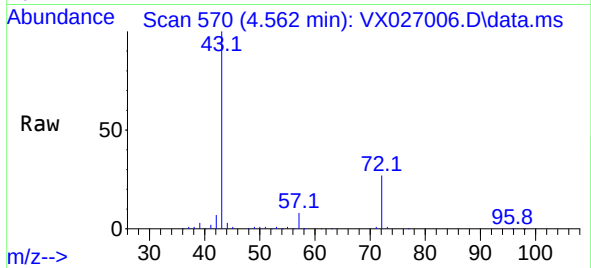
72 26.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#26

2,2-Dichloropropane

Concen: 37.849 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX027006.D

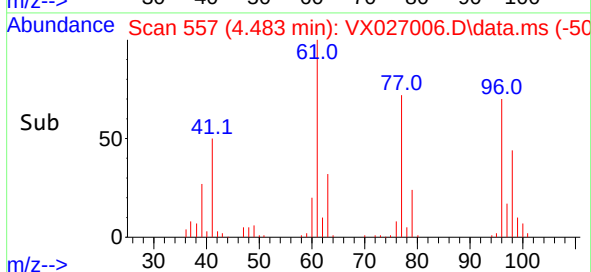
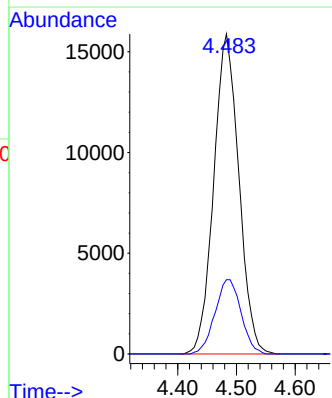
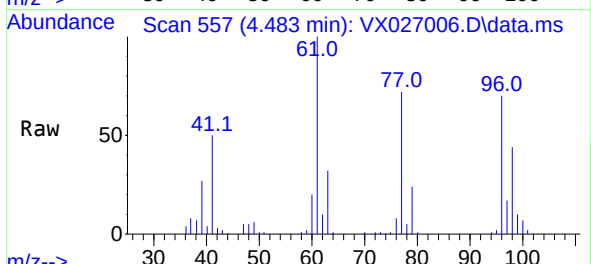
Acq: 12 Feb 2022 06:44

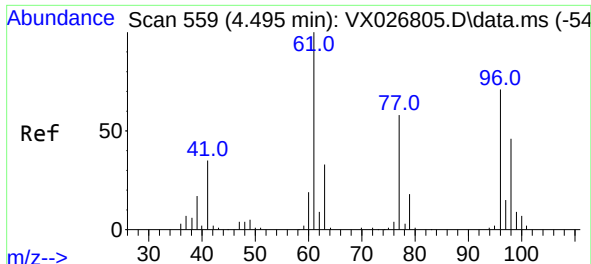
Tgt Ion: 77 Resp: 47089

Ion Ratio Lower Upper

77 100

97 24.1 11.0 33.0





#27
cis-1,2-Dichloroethene
Concen: 45.411 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

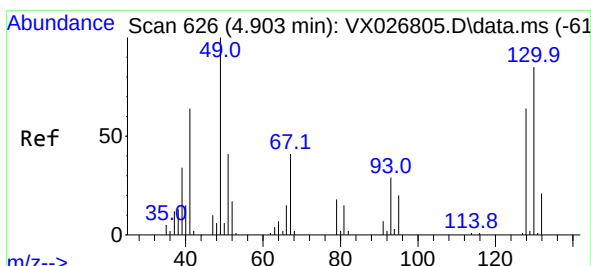
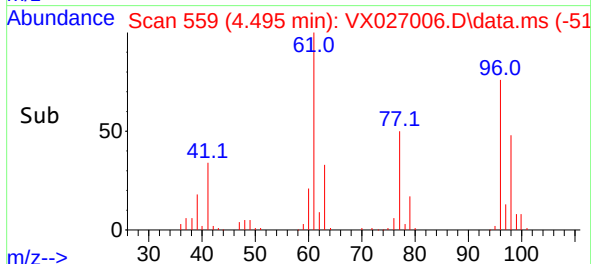
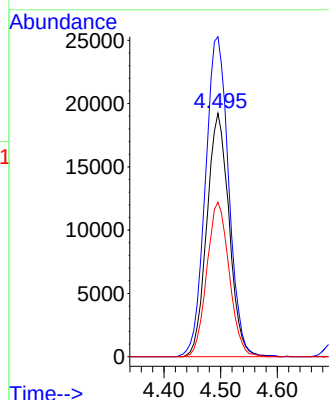
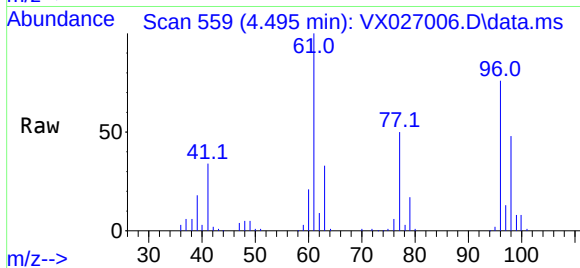
VSTDCCC050EC

Tgt Ion: 96 Resp: 5235
Ion Ratio Lower Upper
96 100
61 137.7 0.0 296.6
98 63.9 0.0 128.8

Manual Integrations

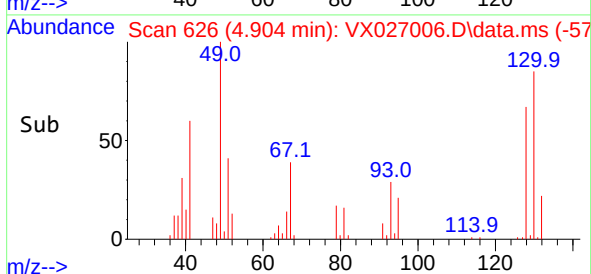
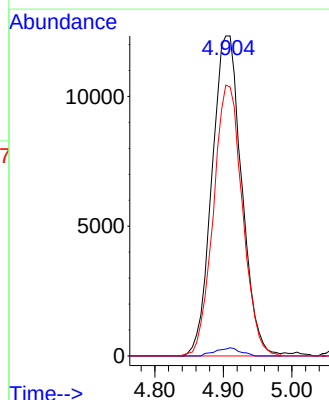
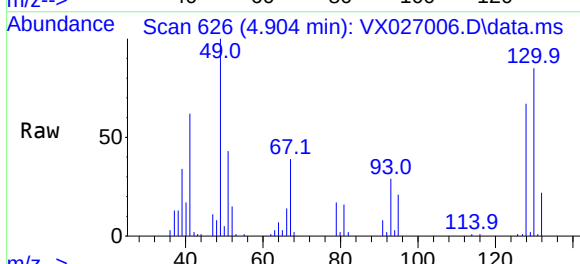
APPROVED

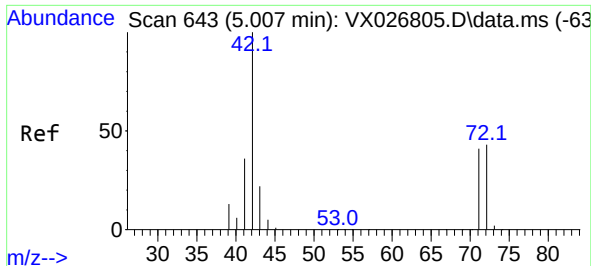
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#28
Bromochloromethane
Concen: 48.585 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

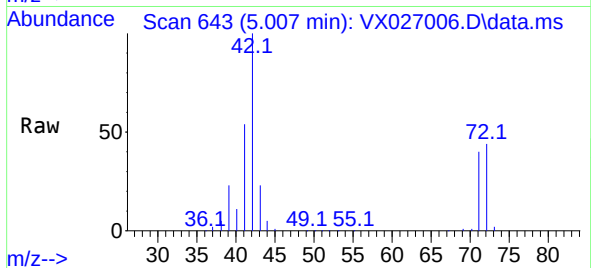
Tgt Ion: 49 Resp: 37085
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 82.7 62.4 93.6





#29
Tetrahydrofuran
Concen: 225.065 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

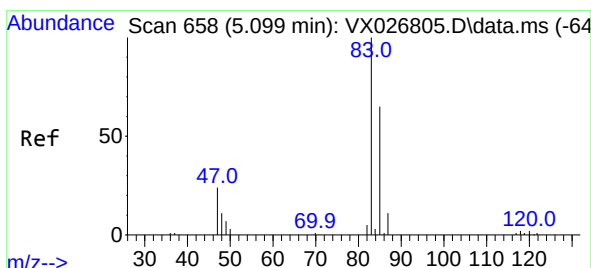
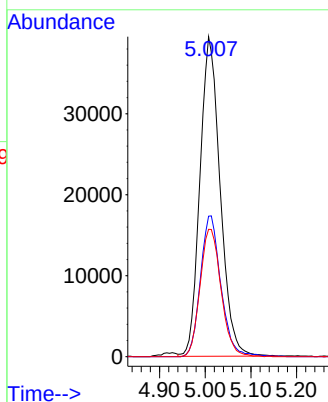
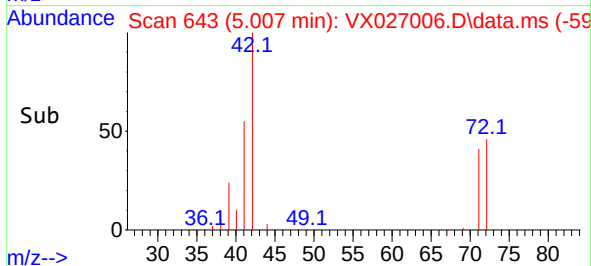
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 12118
Ion Ratio Lower Upper
42 100
72 44.7 34.6 52.0
71 41.3 31.8 47.8

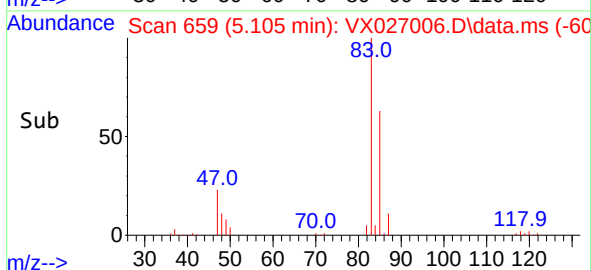
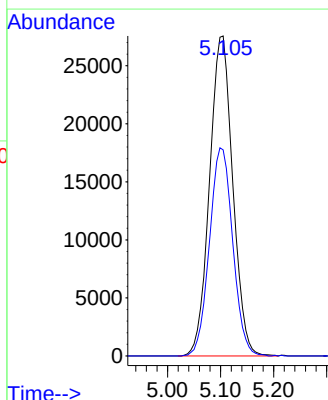
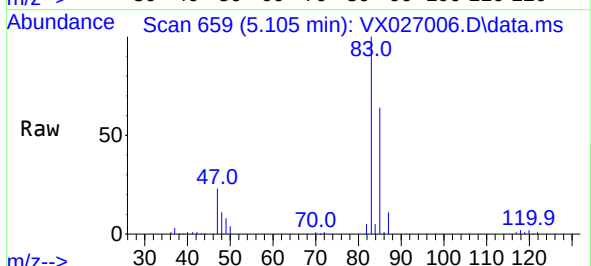
Manual Integrations
APPROVED

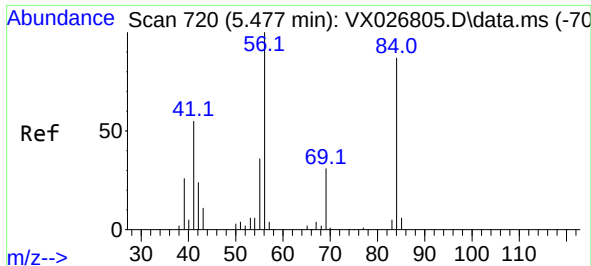
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#30
Chloroform
Concen: 43.847 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

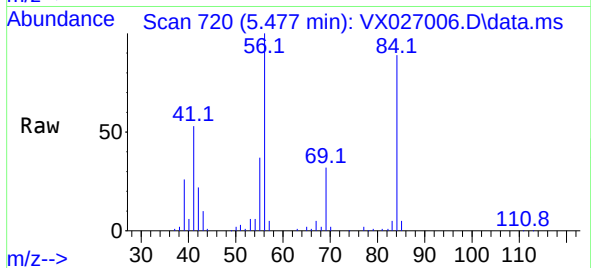
Tgt Ion: 83 Resp: 83885
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4





#31
Cyclohexane
Concen: 42.753 ug/l
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

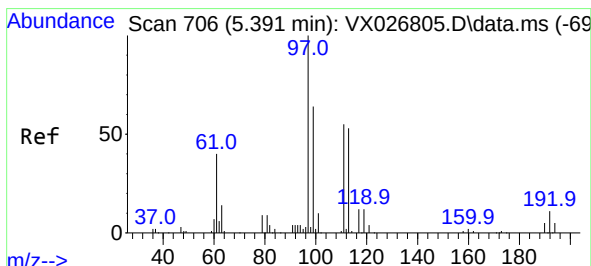
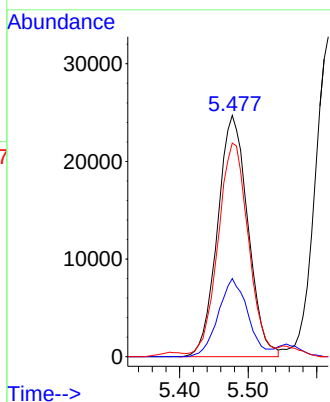
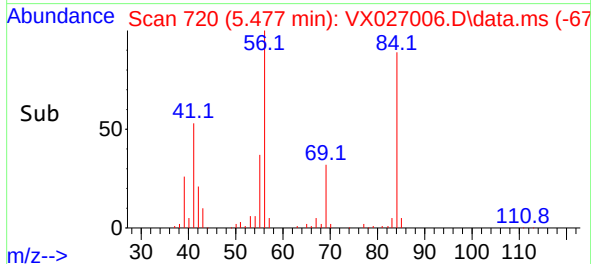
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



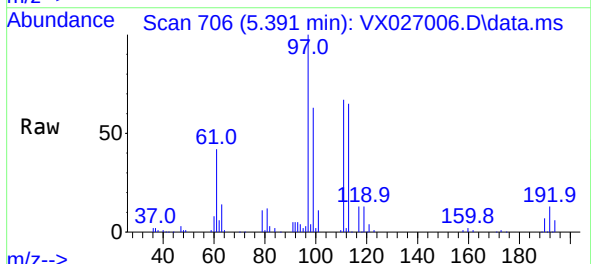
Tgt Ion: 56 Resp: 7603
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.6
84 86.9 68.9 103.3

Manual Integrations
APPROVED

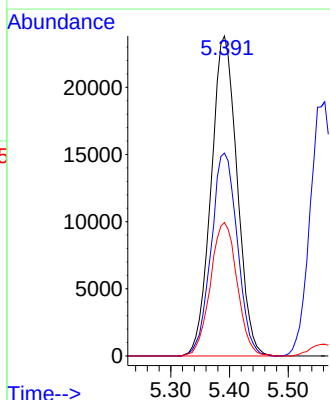
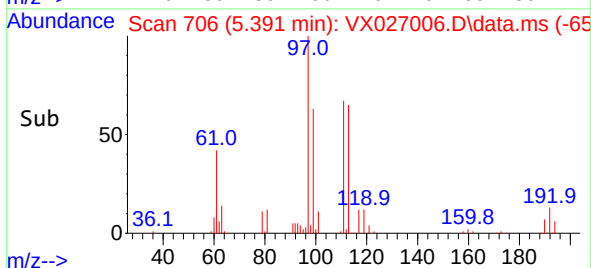
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

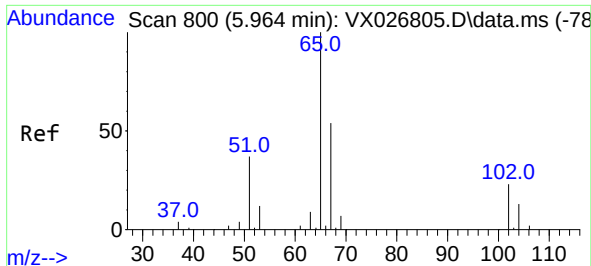


#32
1,1,1-Trichloroethane
Concen: 43.326 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 97 Resp: 73080
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 42.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.670 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 55592

Ion Ratio Lower Upper

65 100

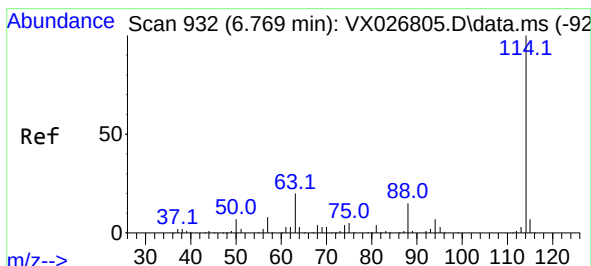
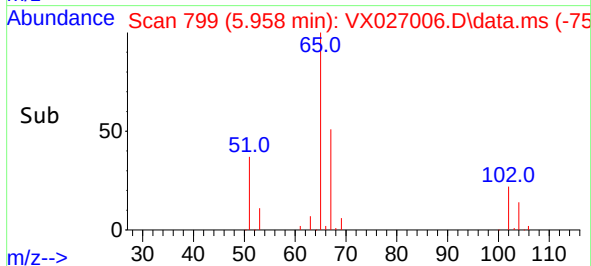
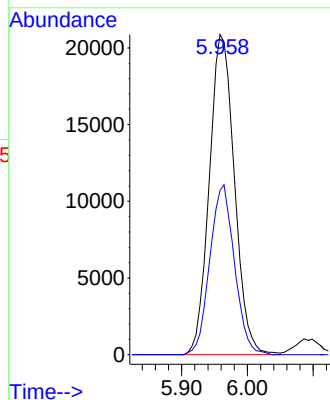
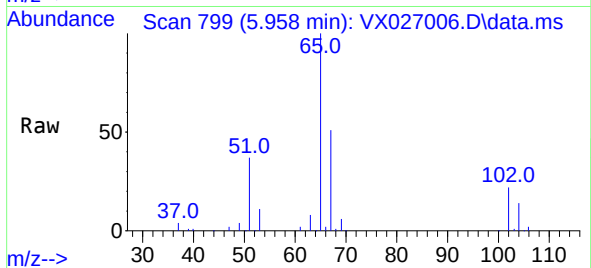
67 51.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

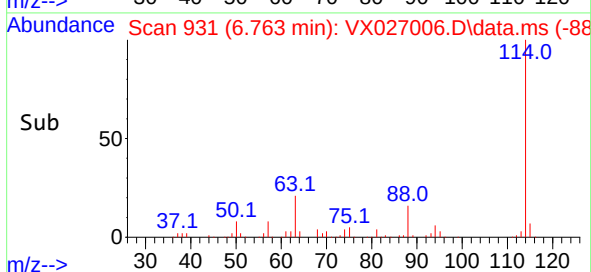
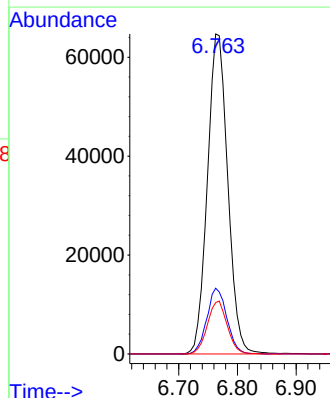
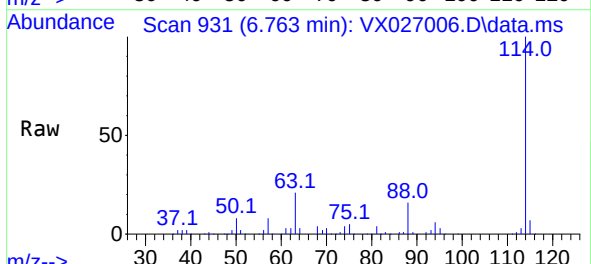
Tgt Ion:114 Resp: 155731

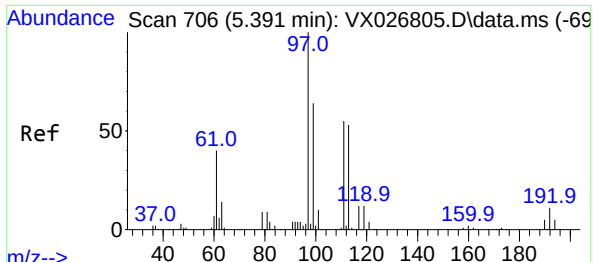
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

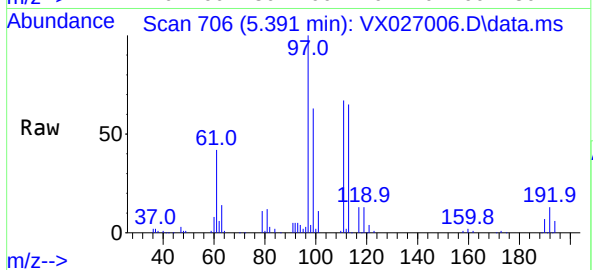
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.850 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

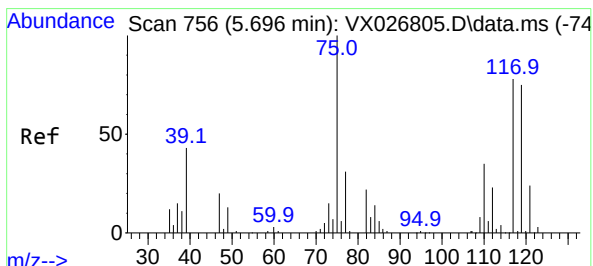
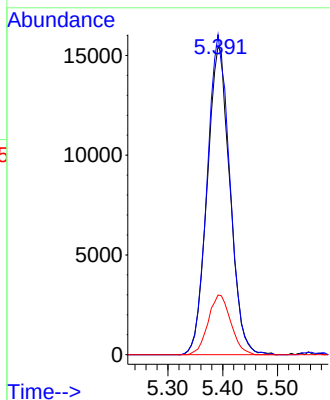
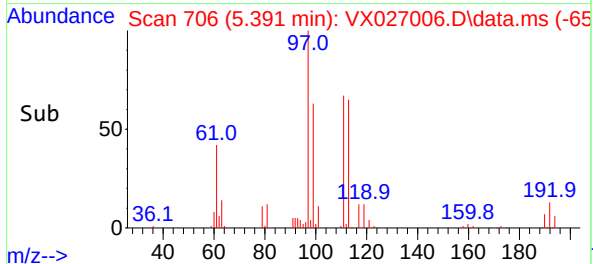
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



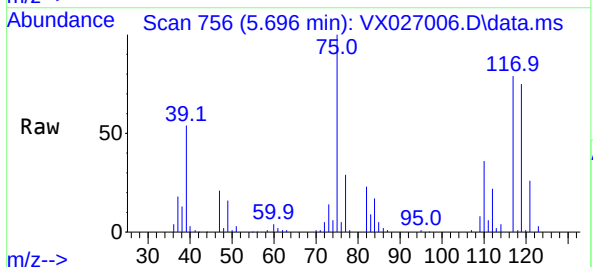
Tgt Ion:113 Resp: 44390
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.3 15.0 22.4

Manual Integrations
APPROVED

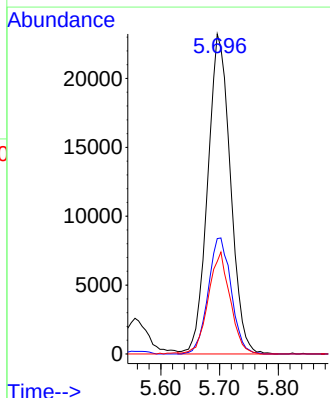
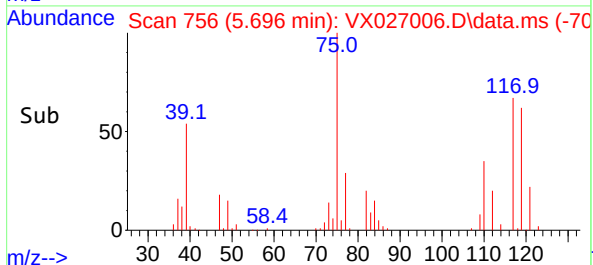
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

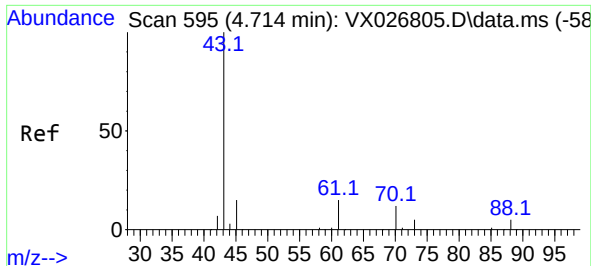


#36
1,1-Dichloropropene
Concen: 42.728 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



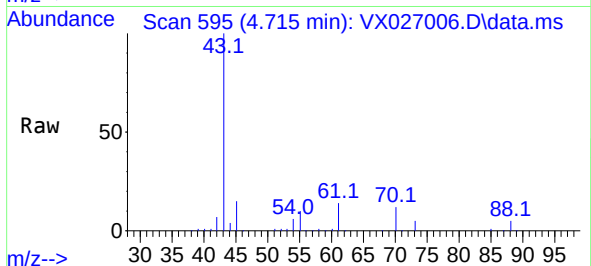
Tgt Ion: 75 Resp: 62540
Ion Ratio Lower Upper
75 100
110 36.7 17.2 51.6
77 30.9 24.6 36.8





#37
Ethyl Acetate
Concen: 42.789 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

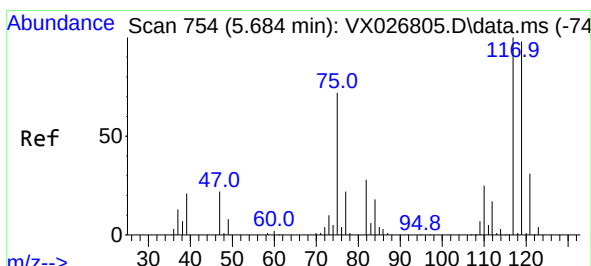
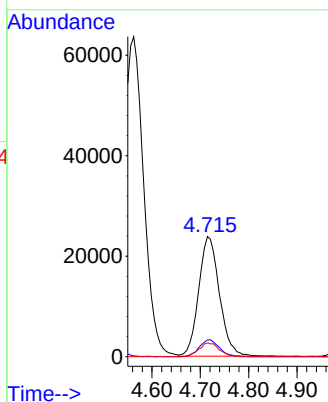
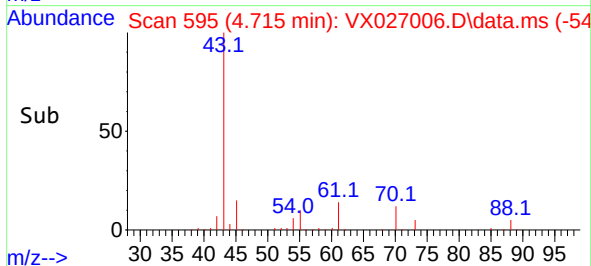
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 11.1 8.5 12.7

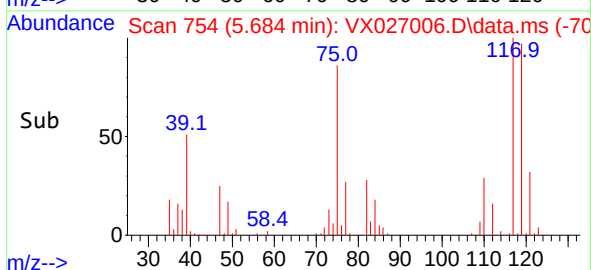
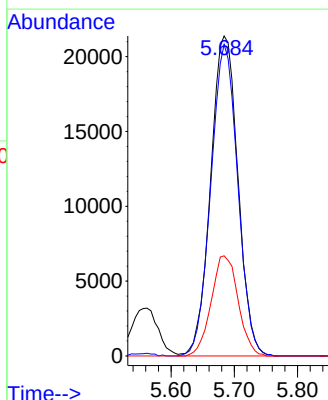
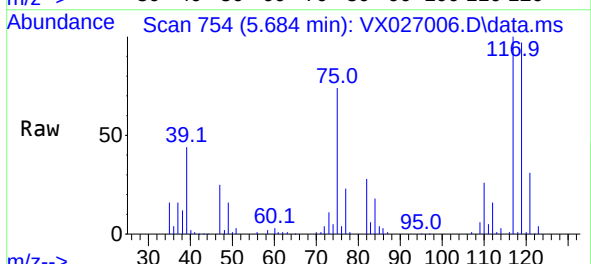
Manual Integrations
APPROVED

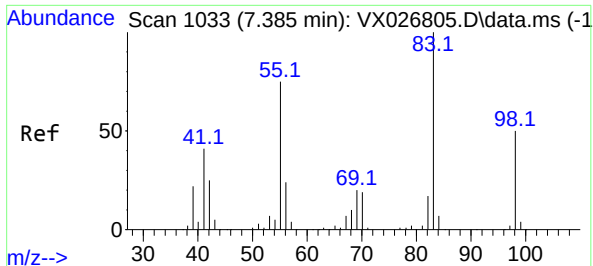
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#38
Carbon Tetrachloride
Concen: 41.733 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion:117 Resp: 64056
Ion Ratio Lower Upper
117 100
119 97.3 74.7 112.1
121 31.3 25.4 38.0





#39

Methylcyclohexane

Concen: 42.120 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7560

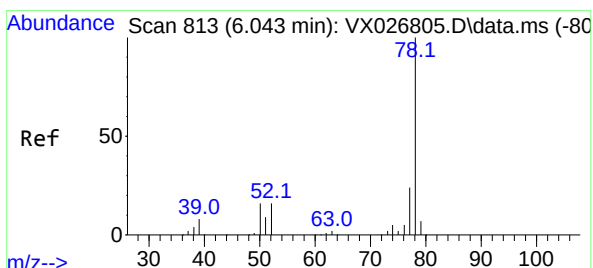
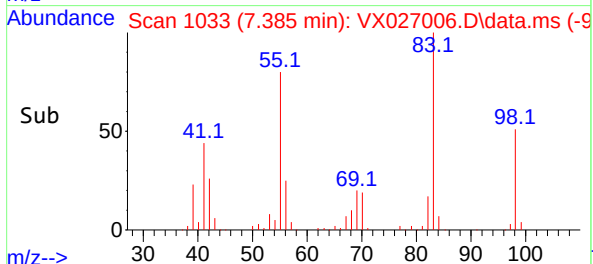
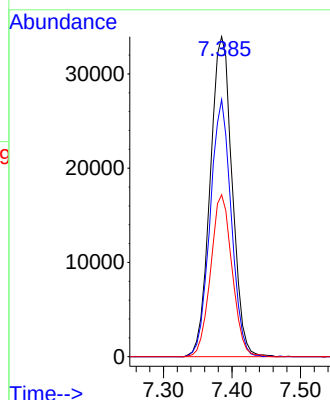
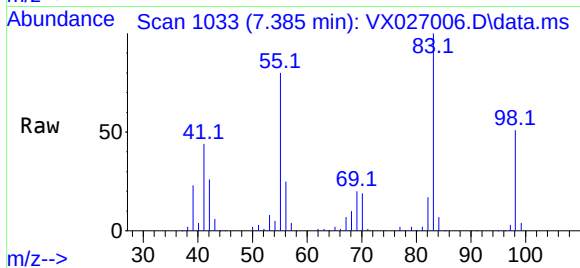
Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.6	95.4
98	50.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Benzene

Concen: 43.081 ug/l

RT: 6.044 min Scan# 813

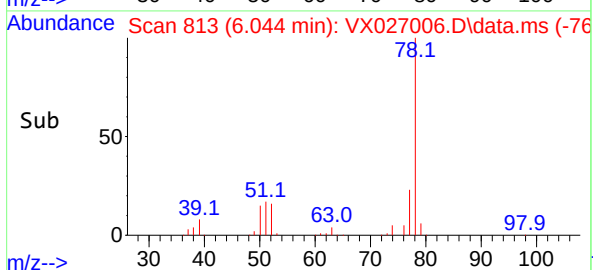
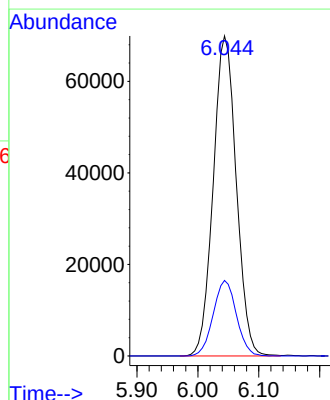
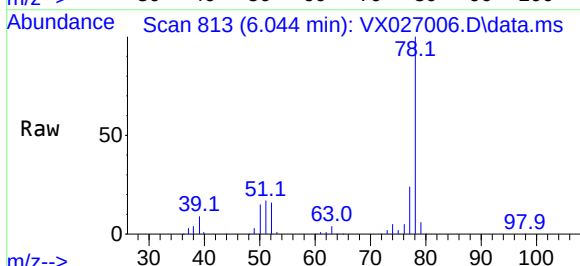
Delta R.T. 0.000 min

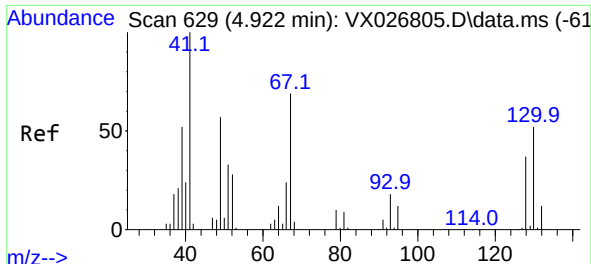
Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Tgt Ion: 78 Resp: 183778

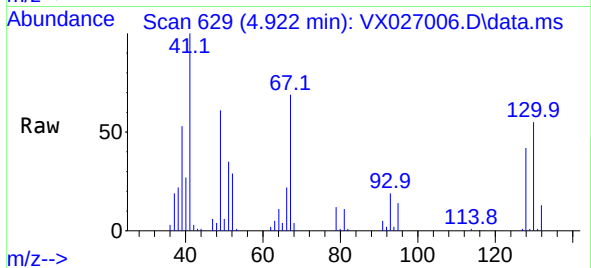
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41
Methacrylonitrile
Concen: 44.107 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

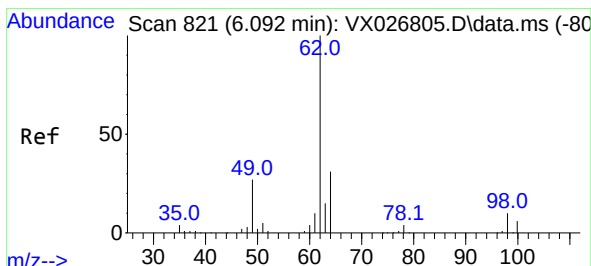
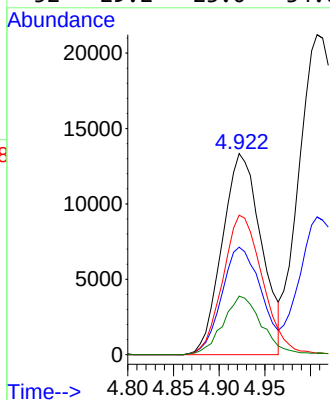
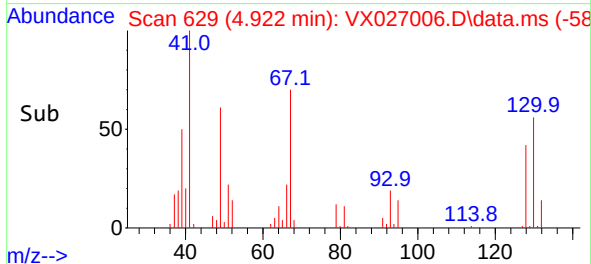
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



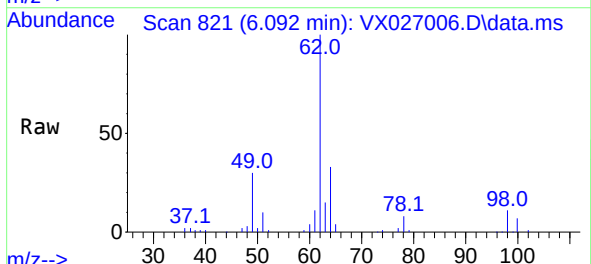
Tgt Ion: 41 Resp: 3976
Ion Ratio Lower Upper
41 100
39 54.0 45.4 68.0
67 70.6 53.2 79.8
52 29.2 23.0 34.6

Manual Integrations
APPROVED

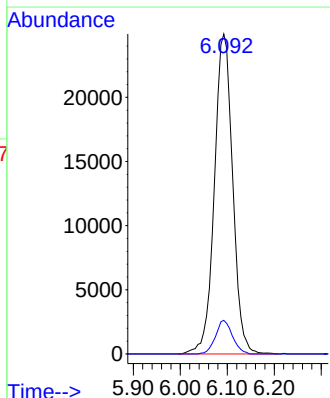
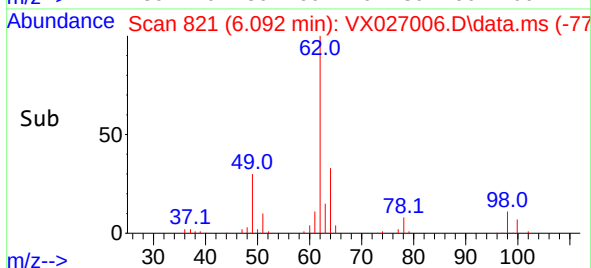
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

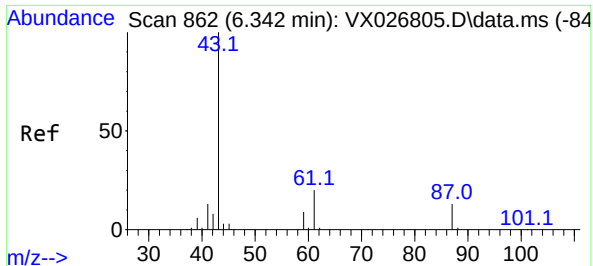


#42
1,2-Dichloroethane
Concen: 44.982 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



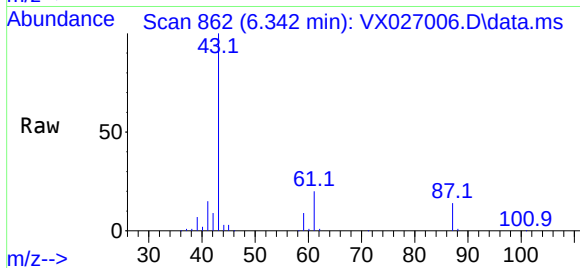
Tgt Ion: 62 Resp: 67617
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 44.603 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

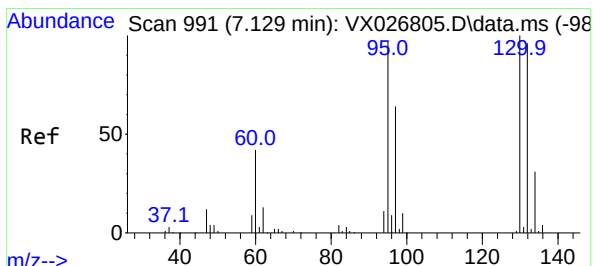
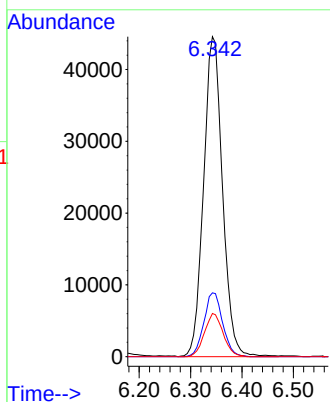
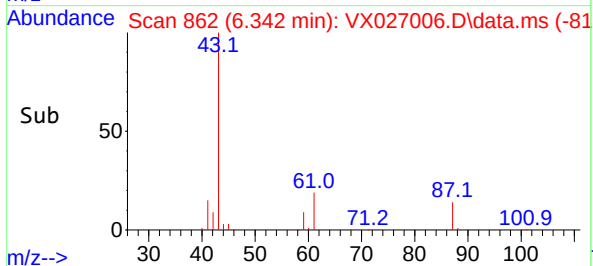
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11415
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 13.3 10.2 15.2

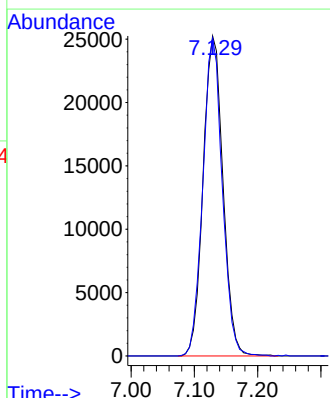
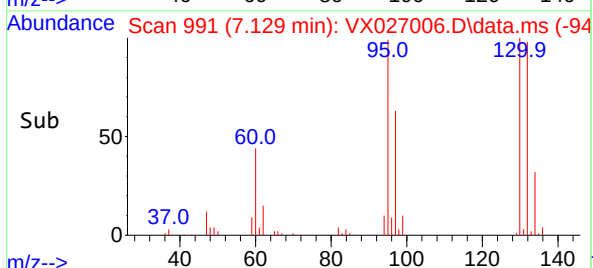
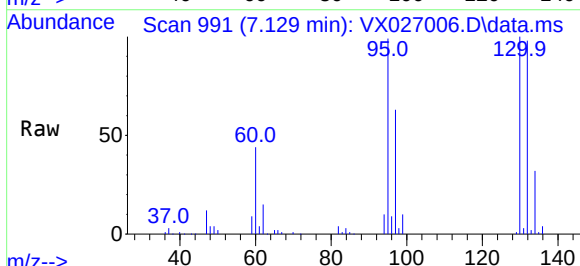
Manual Integrations
APPROVED

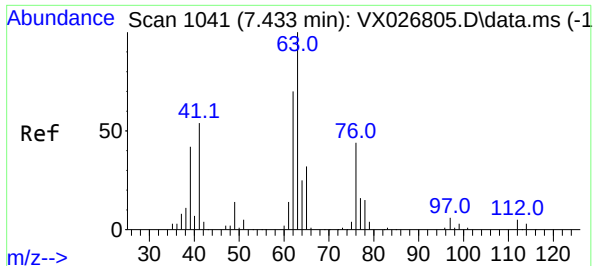
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#44
Trichloroethene
Concen: 43.017 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion:130 Resp: 55099
Ion Ratio Lower Upper
130 100
95 99.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 44.134 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4763

Ion Ratio Lower Upper

63 100

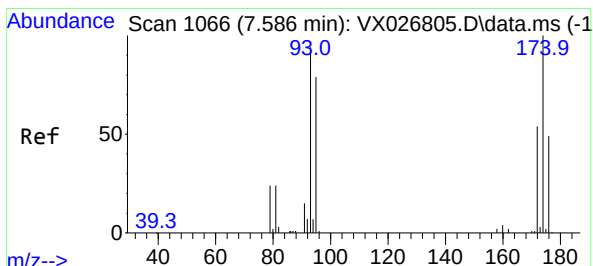
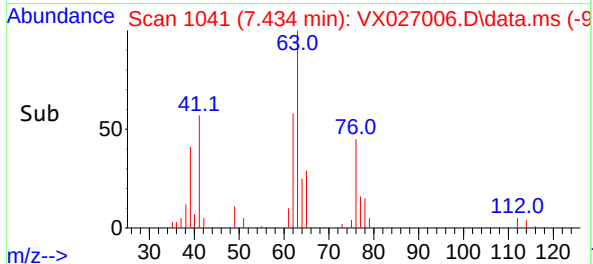
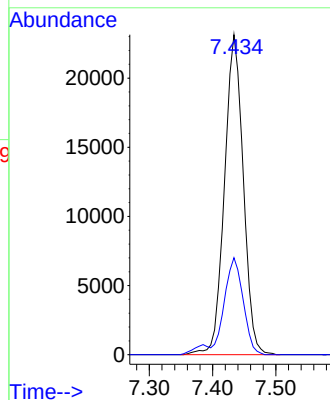
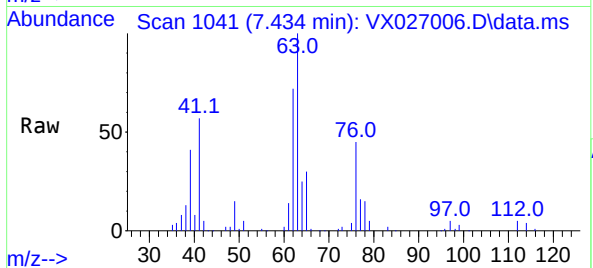
65 30.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

Dibromomethane

Concen: 44.557 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

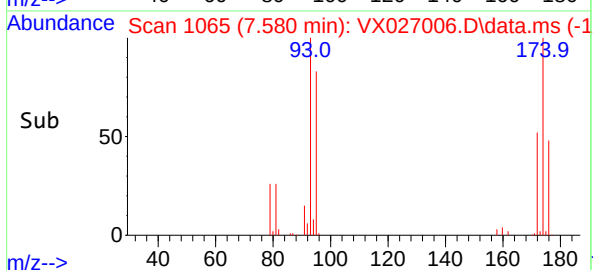
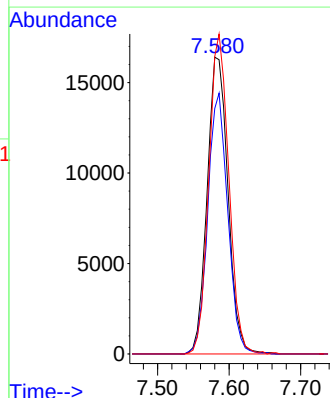
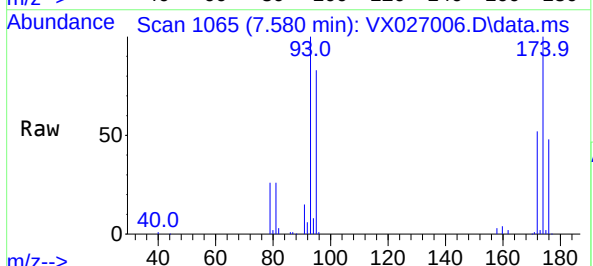
Tgt Ion: 93 Resp: 33276

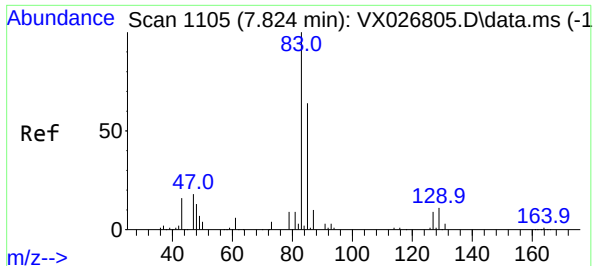
Ion Ratio Lower Upper

93 100

95 84.1 66.1 99.1

174 103.6 78.7 118.1





#47
Bromodichloromethane
Concen: 45.061 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

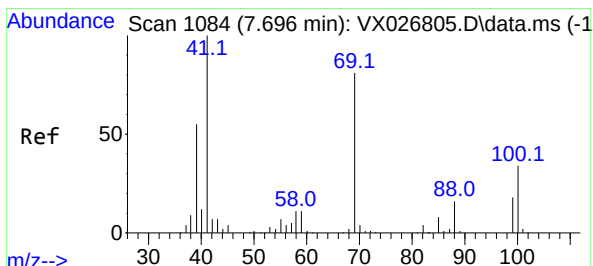
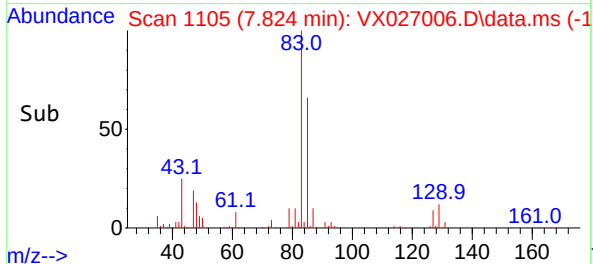
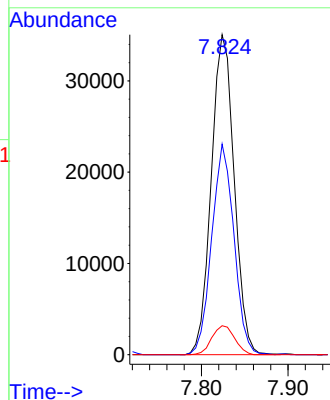
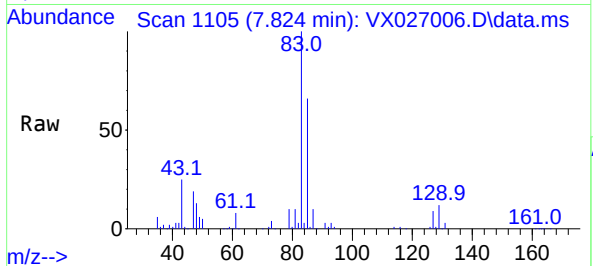
VSTDCCC050EC

Tgt Ion: 83 Resp: 64440
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0
127 9.1 6.9 10.3

Manual Integrations

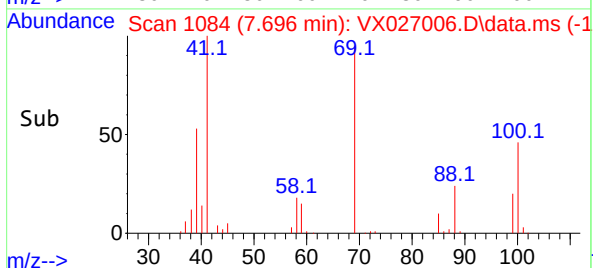
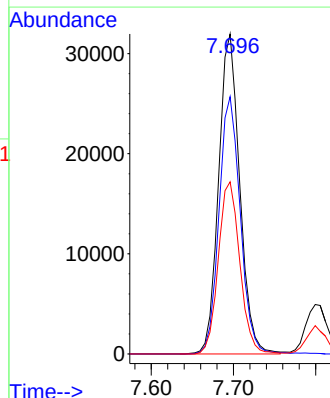
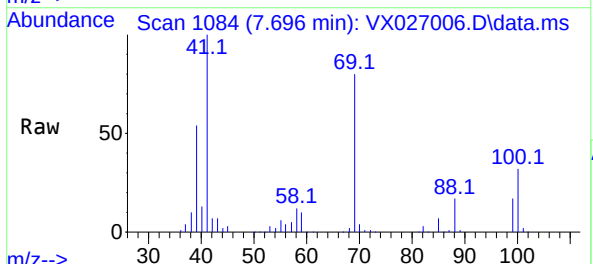
APPROVED

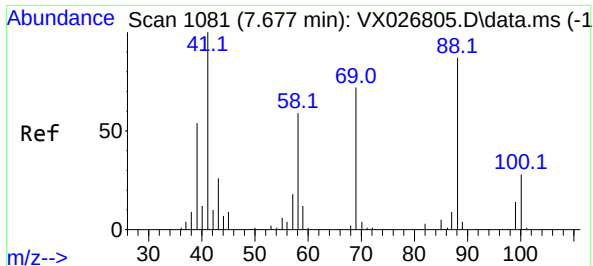
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#48
Methyl methacrylate
Concen: 44.972 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion: 41 Resp: 57030
Ion Ratio Lower Upper
41 100
69 81.1 62.2 93.4
39 54.9 45.4 68.0





#49

1,4-Dioxane

Concen: 853.033 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1864

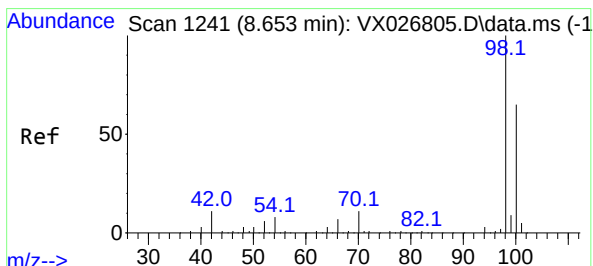
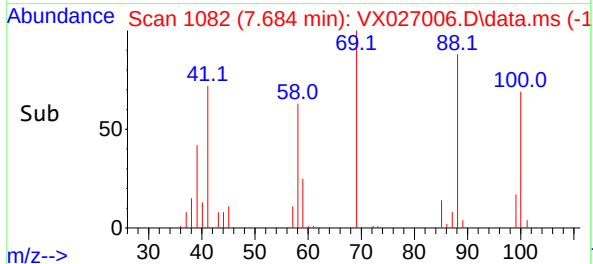
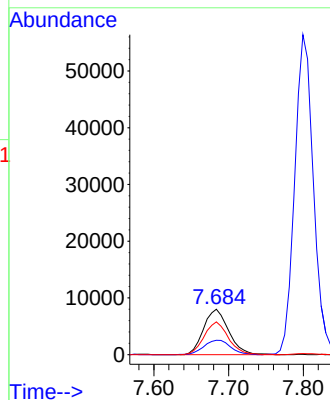
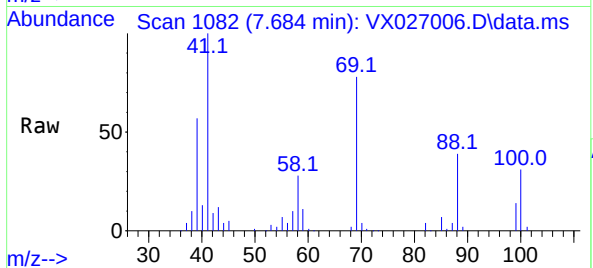
Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.9	44.9
58	69.4	57.8	86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#50

Toluene-d8

Concen: 49.639 ug/l

RT: 8.653 min Scan# 1241

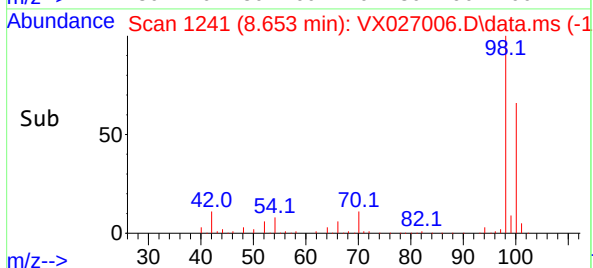
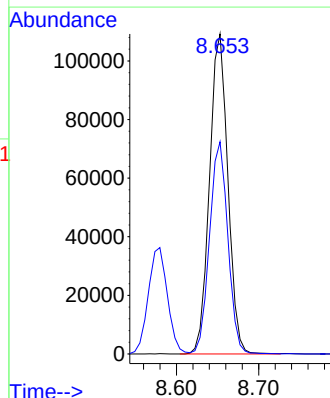
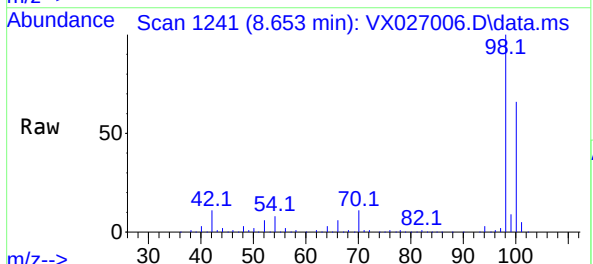
Delta R.T. 0.000 min

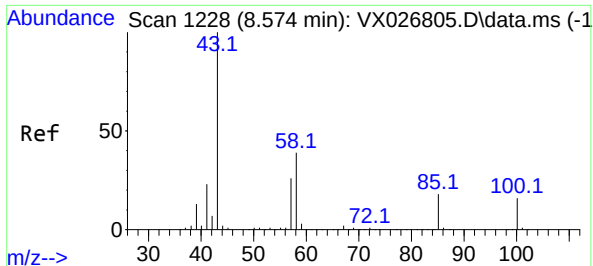
Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Tgt Ion: 98 Resp: 169058

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.2	79.8





#51
4-Methyl-2-Pentanone
Concen: 229.993 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

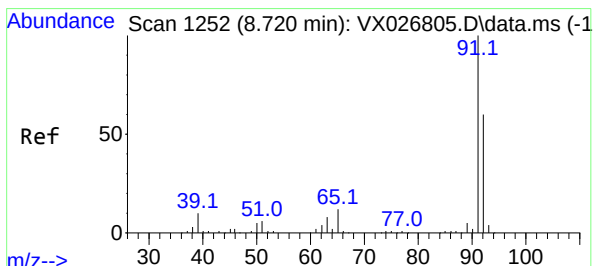
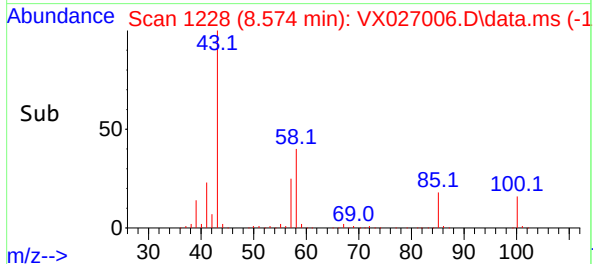
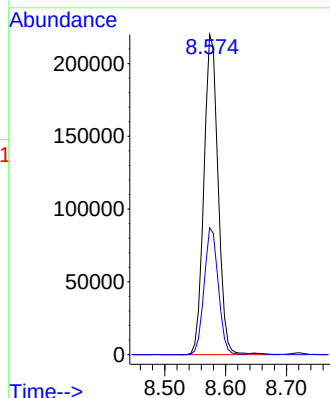
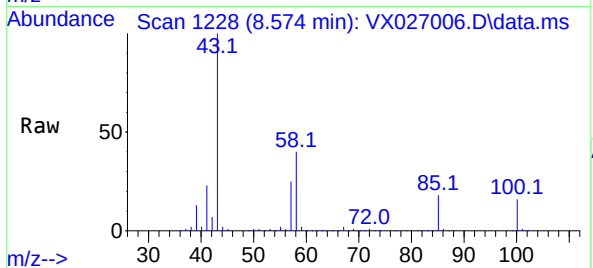
VSTDCCC050EC

Tgt Ion: 43 Resp: 356700
Ion Ratio Lower Upper
43 100
58 39.5 30.5 45.7

Manual Integrations

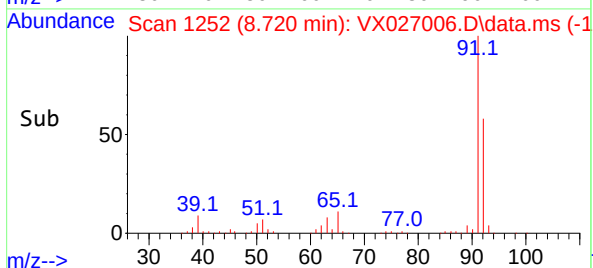
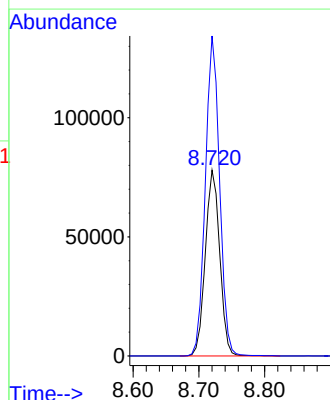
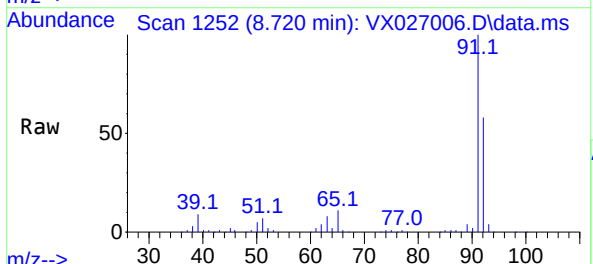
APPROVED

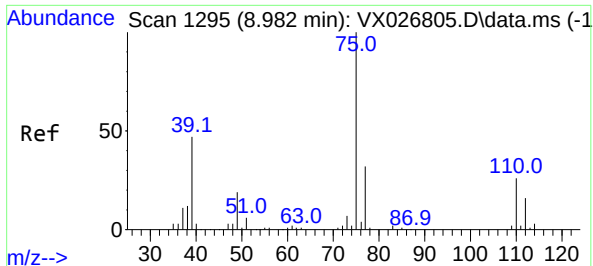
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#52
Toluene
Concen: 44.093 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Tgt Ion: 92 Resp: 119088
Ion Ratio Lower Upper
92 100
91 169.7 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 41.372 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

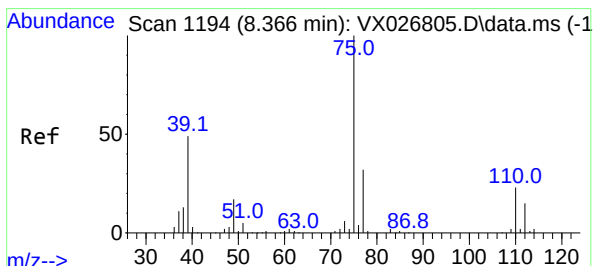
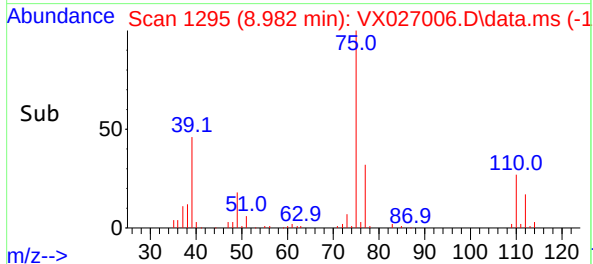
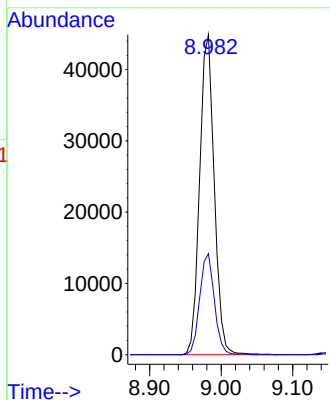
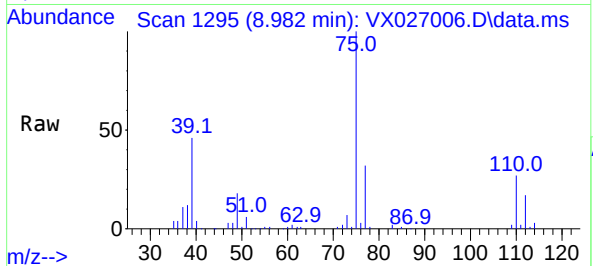
VSTDCCC050EC

Tgt Ion: 75 Resp: 63684
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations

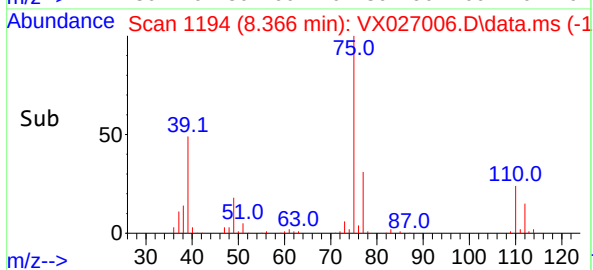
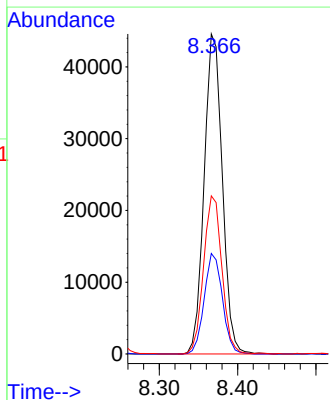
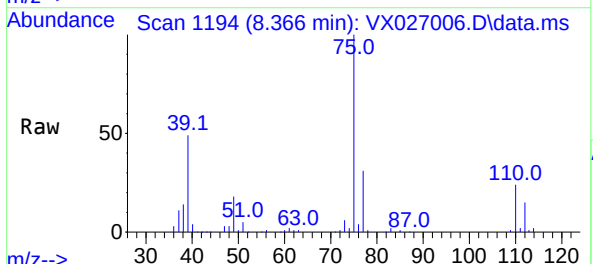
APPROVED

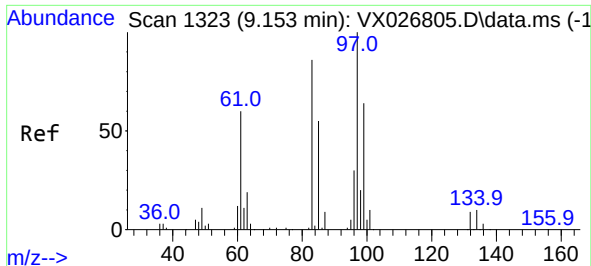
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#54
cis-1,3-Dichloropropene
Concen: 45.415 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

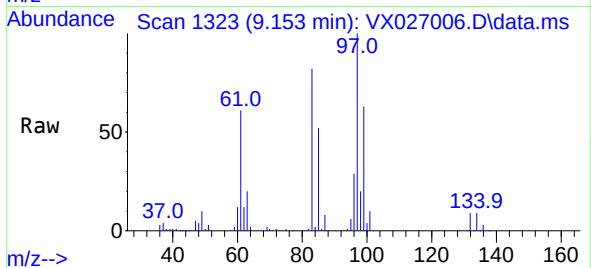
Tgt Ion: 75 Resp: 71723
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
39 49.4 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 47.596 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

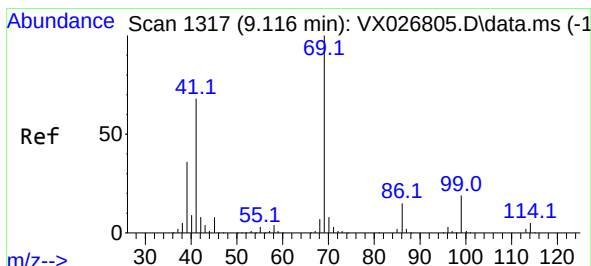
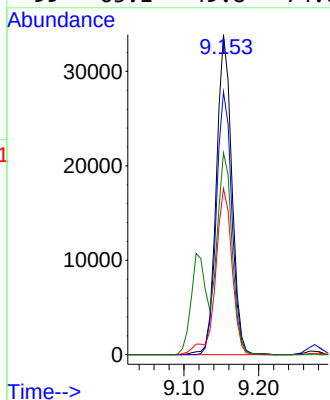
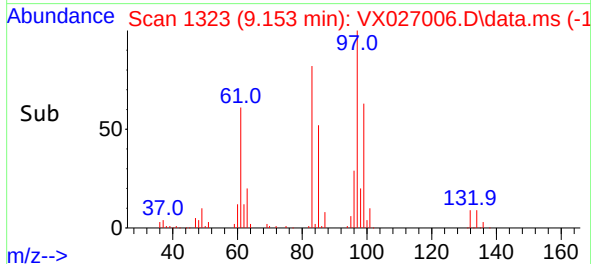


Tgt Ion: 97 Resp: 4866

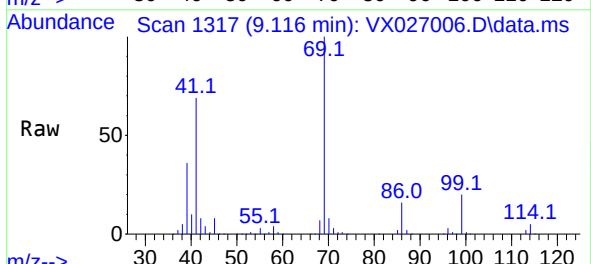
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.4	102.6
85	52.0	44.0	66.0
99	63.1	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

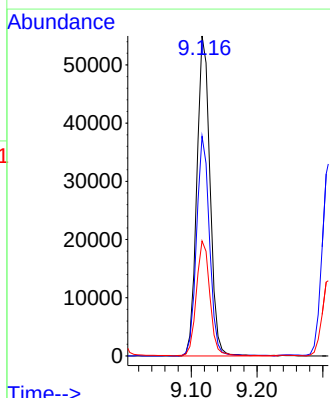
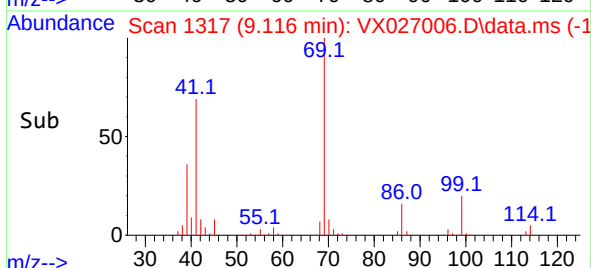


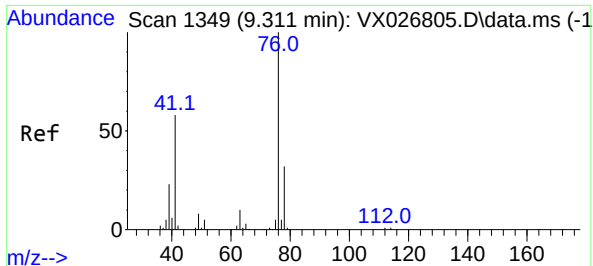
#56
Ethyl methacrylate
Concen: 47.004 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 69 Resp: 76182

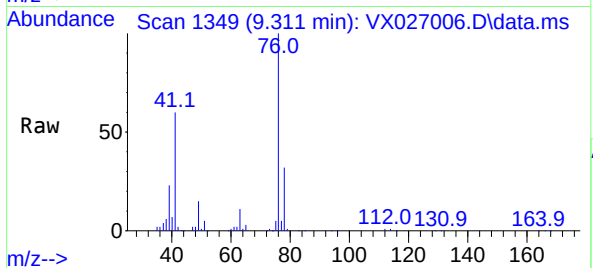
Ion	Ratio	Lower	Upper
69	100		
41	67.5	57.2	85.8
39	37.1	30.9	46.3





#57
1,3-Dichloropropane
Concen: 46.791 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

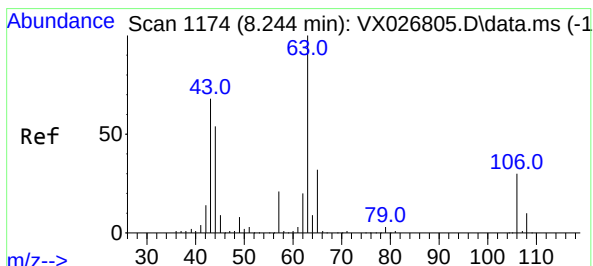
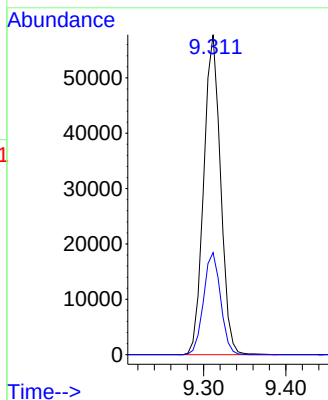
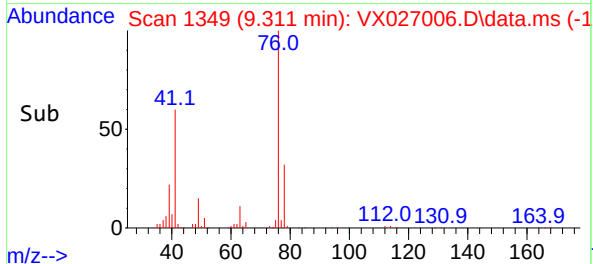
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



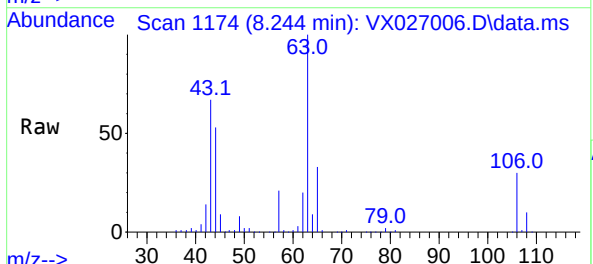
Tgt Ion: 76 Resp: 8215
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
APPROVED

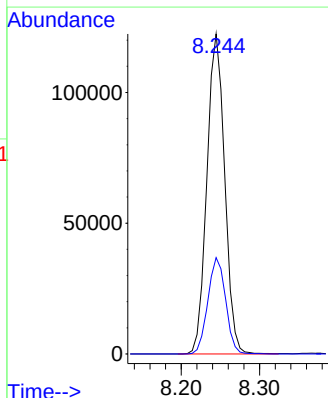
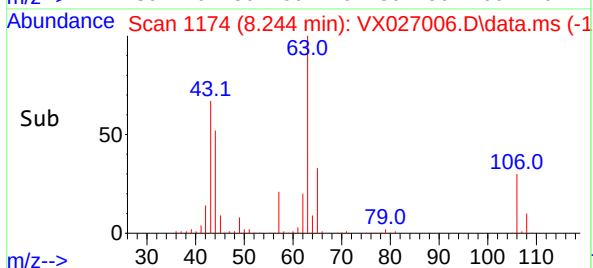
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

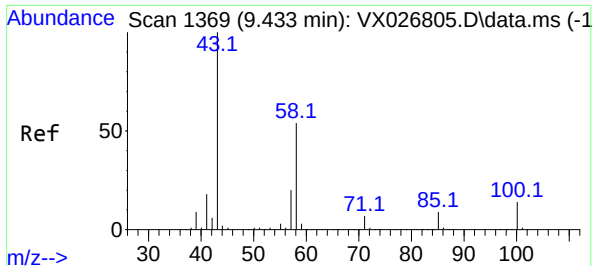


#58
2-Chloroethyl Vinyl ether
Concen: 231.662 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 63 Resp: 192718
Ion Ratio Lower Upper
63 100
106 30.0 23.0 34.6





#59

2-Hexanone

Concen: 227.641 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 258240

Ion Ratio Lower Upper

43 100

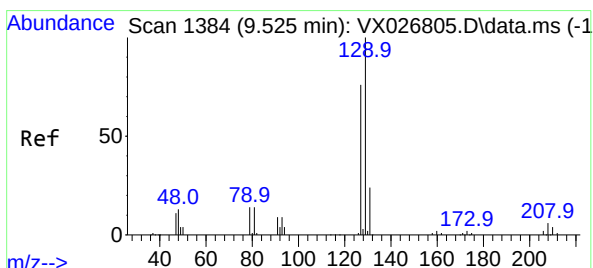
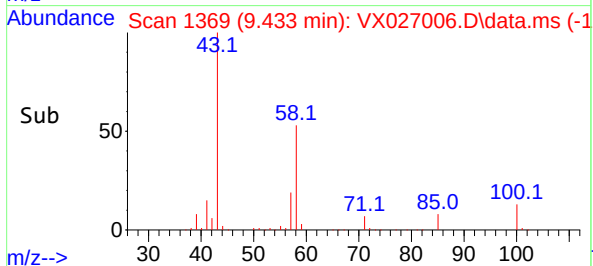
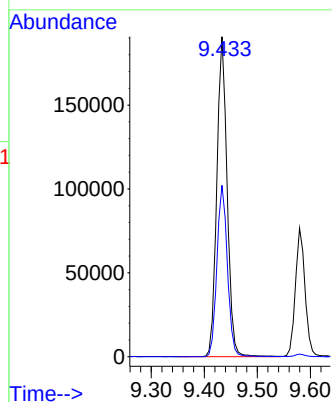
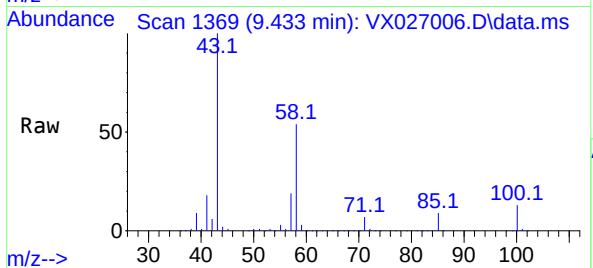
58 54.5 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#60

Dibromochloromethane

Concen: 47.617 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027006.D

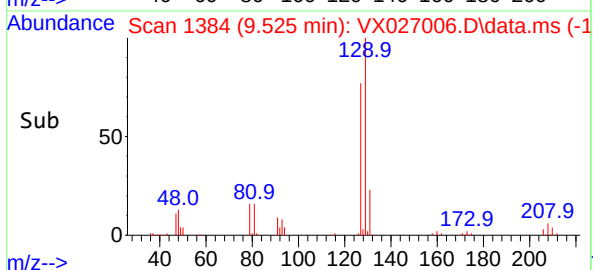
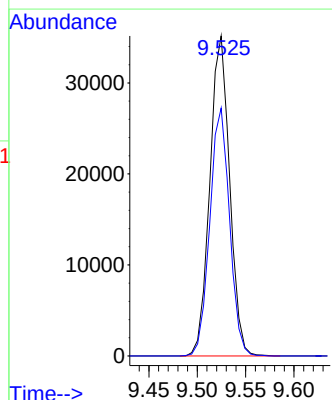
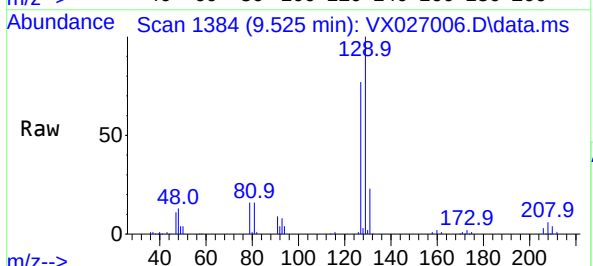
Acq: 12 Feb 2022 06:44

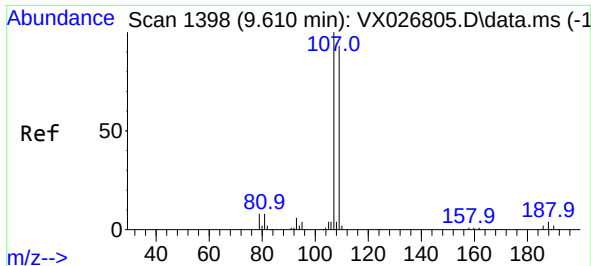
Tgt Ion:129 Resp: 50096

Ion Ratio Lower Upper

129 100

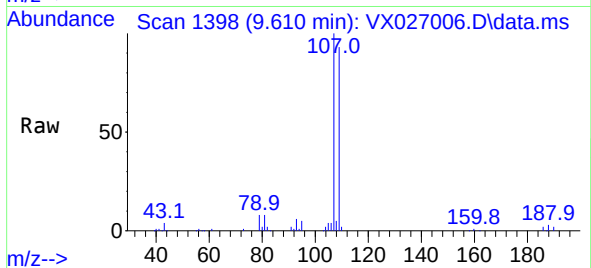
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 46.973 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

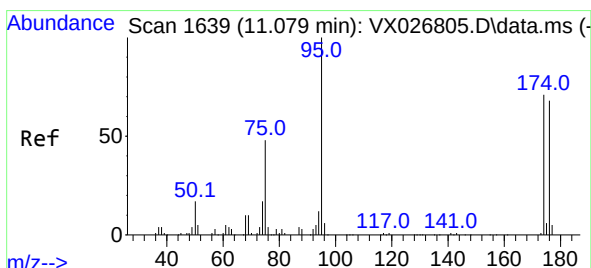
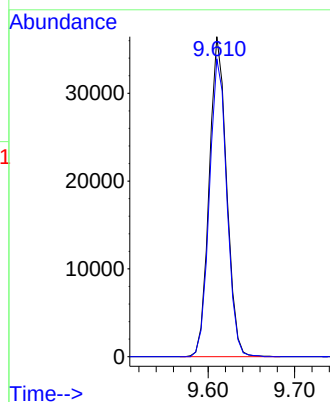
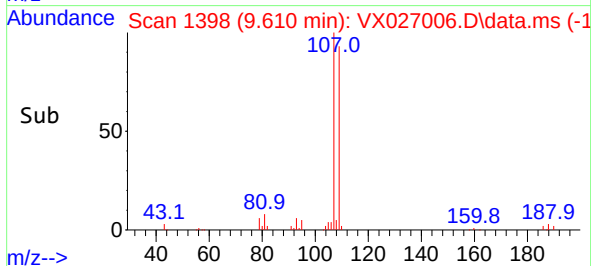
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



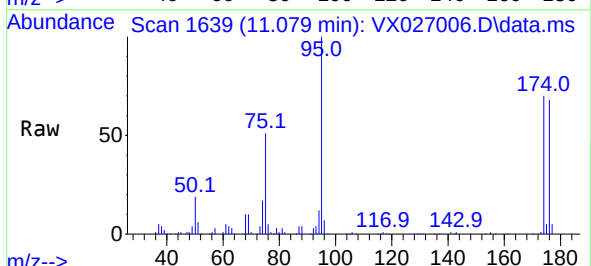
Tgt Ion:107 Resp: 50745
Ion Ratio Lower Upper
107 100
109 93.2 75.5 113.3

Manual Integrations
APPROVED

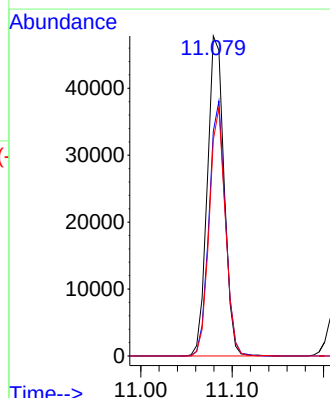
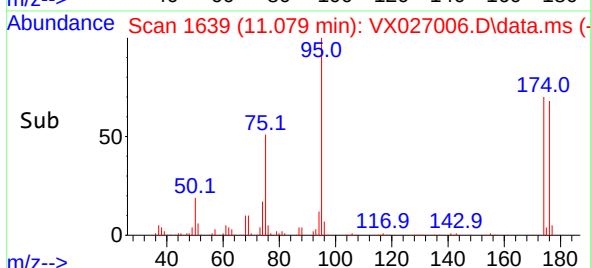
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

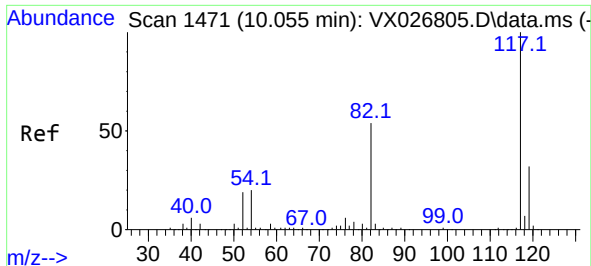


#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



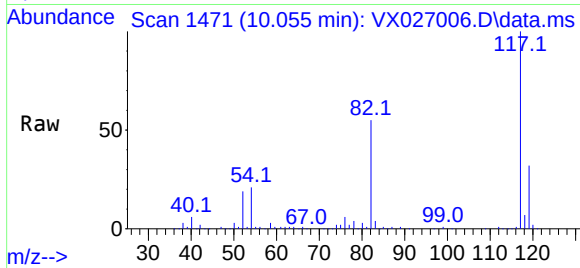
Tgt Ion: 95 Resp: 60611
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.6
176 74.5 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

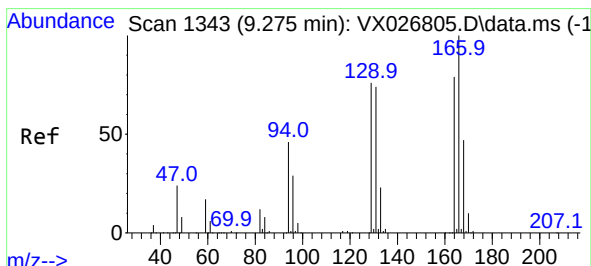
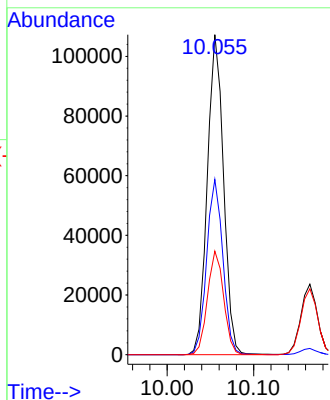
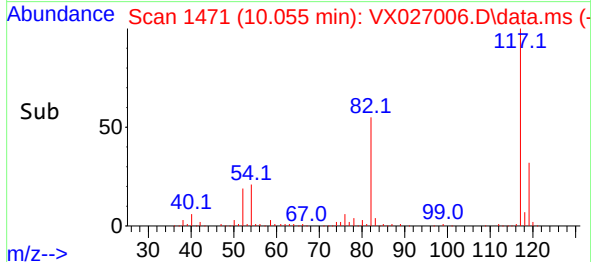
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



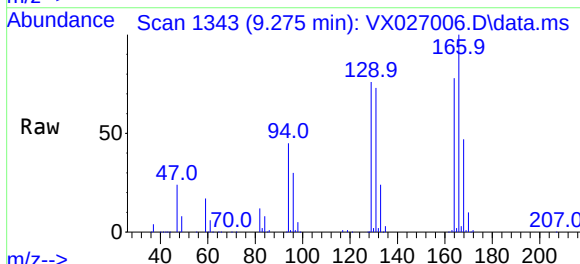
Tgt Ion:117 Resp: 139580
Ion Ratio Lower Upper
117 100
82 54.7 45.2 67.8
119 32.3 26.2 39.2

Manual Integrations
APPROVED

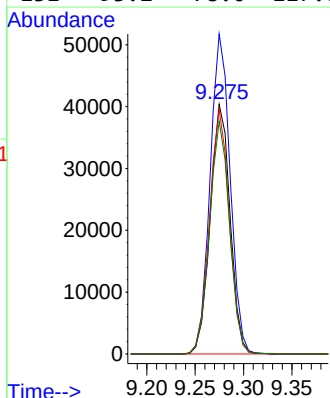
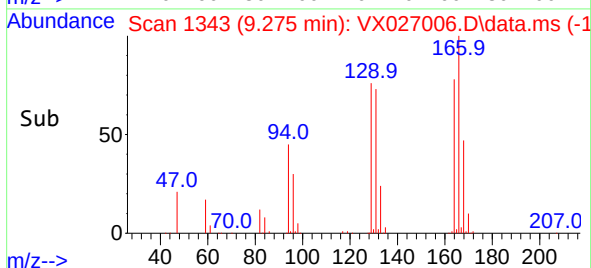
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

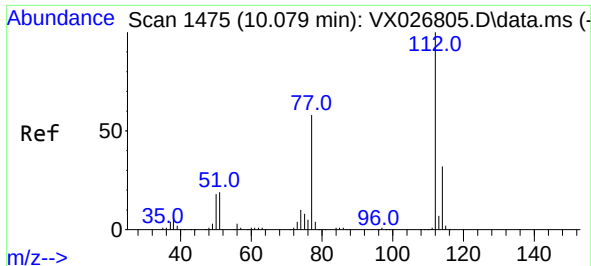


#64
Tetrachloroethene
Concen: 41.203 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



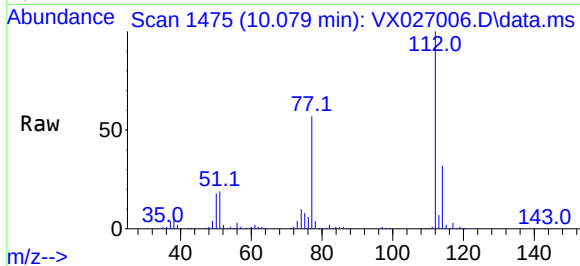
Tgt Ion:164 Resp: 57762
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.6
129 98.0 83.3 124.9
131 93.2 78.0 117.0





#65
Chlorobenzene
Concen: 44.320 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

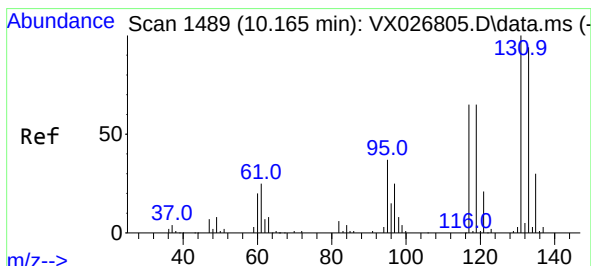
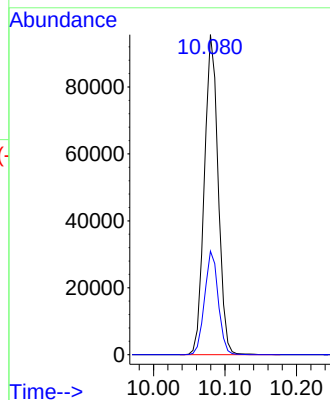
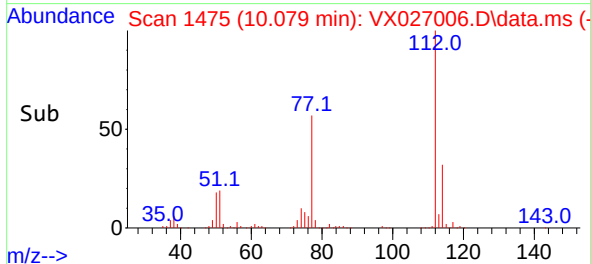
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



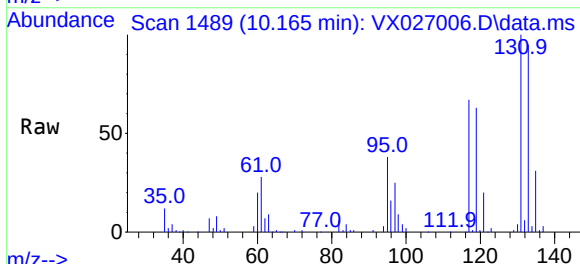
Tgt Ion:112 Resp: 127930
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

Manual Integrations
APPROVED

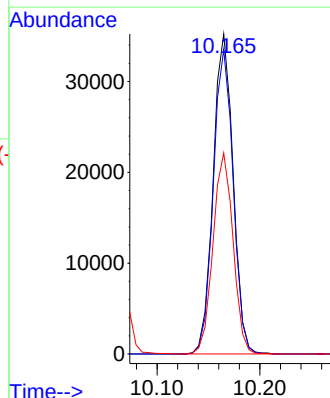
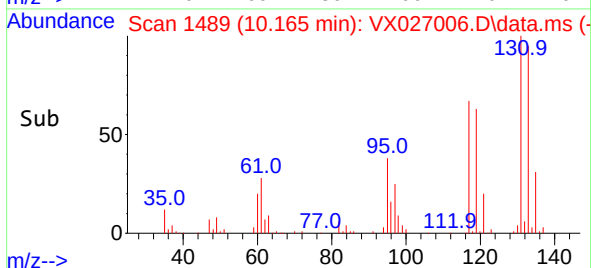
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

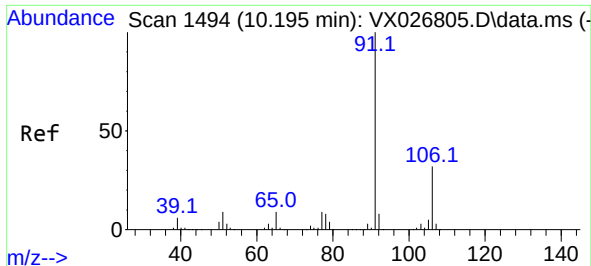


#66
1,1,1,2-Tetrachloroethane
Concen: 44.540 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



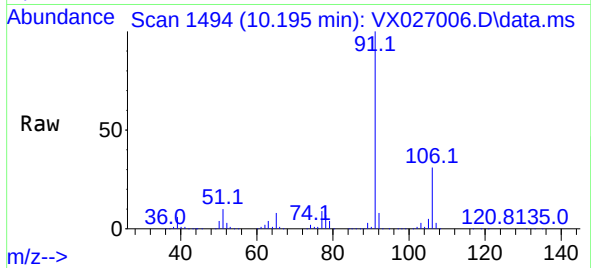
Tgt Ion:131 Resp: 47296
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 63.2 31.7 95.1





#67
Ethyl Benzene
Concen: 45.035 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

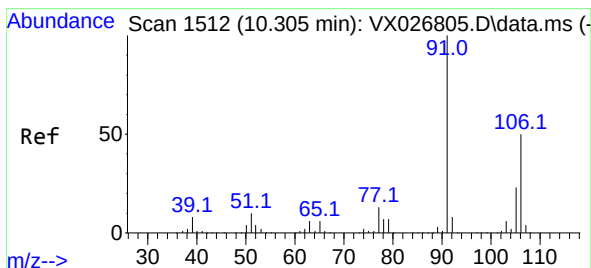
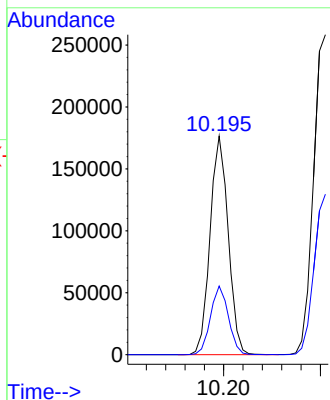
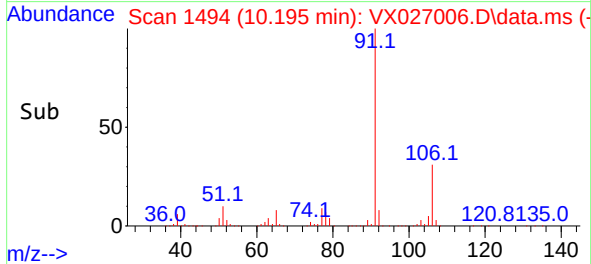
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



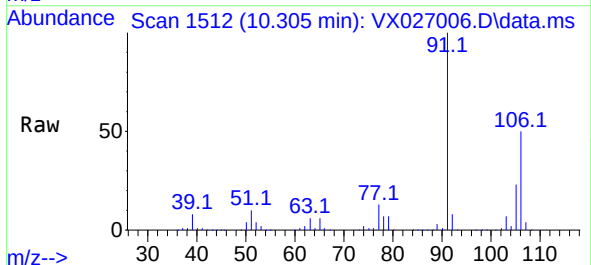
Tgt Ion: 91 Resp: 230084
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

Manual Integrations
APPROVED

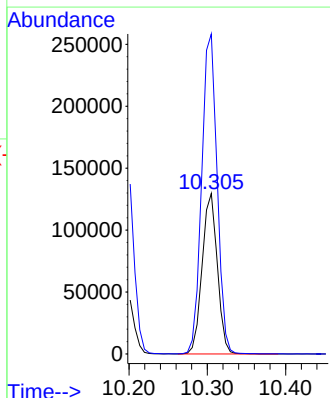
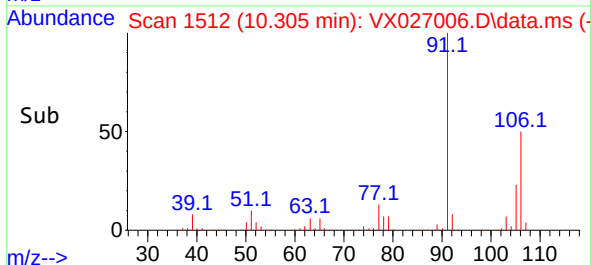
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

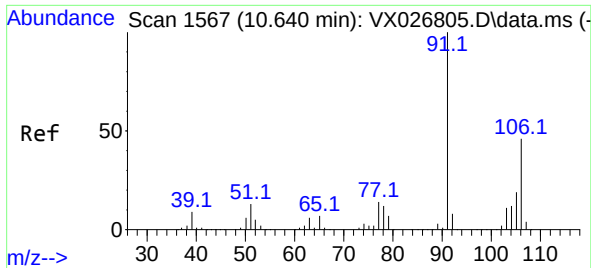


#68
m/p-Xylenes
Concen: 88.516 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion:106 Resp: 173994
Ion Ratio Lower Upper
106 100
91 203.0 165.3 247.9





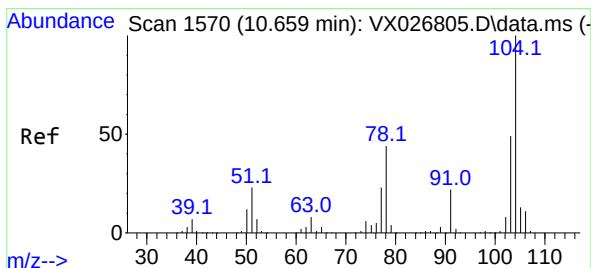
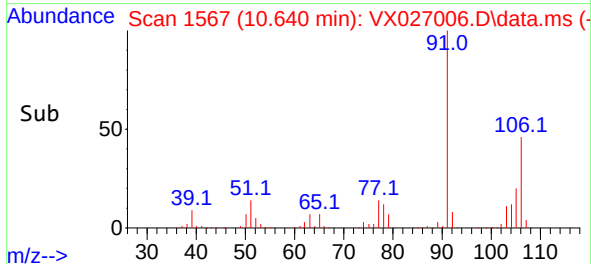
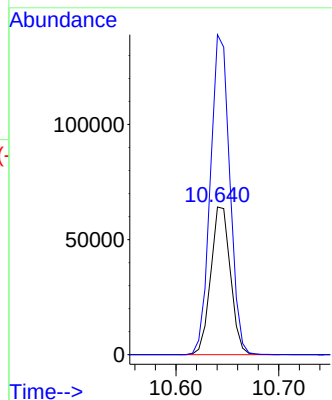
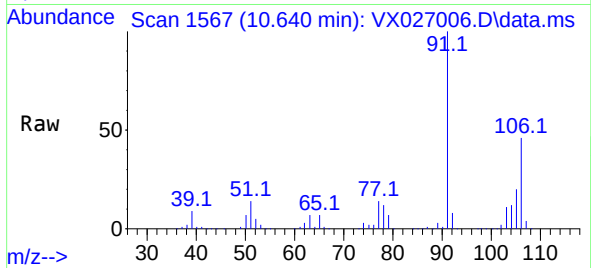
#69
o-Xylene
Concen: 44.263 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 8525
Ion Ratio Lower Upper
106 100
91 214.0 109.7 329.0

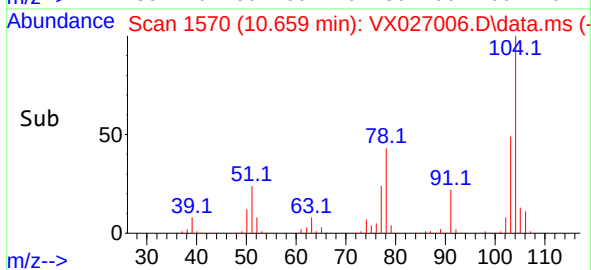
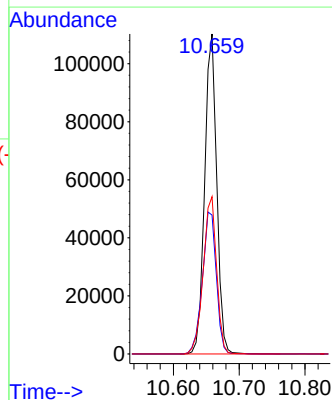
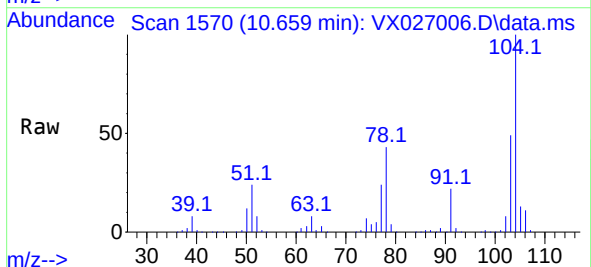
Manual Integrations
APPROVED

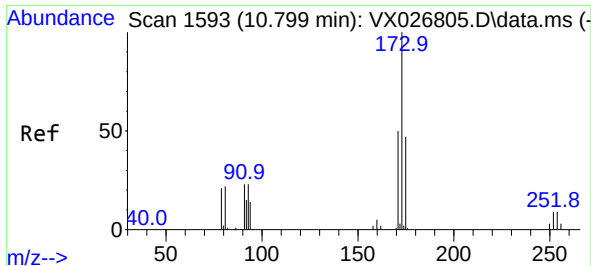
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#70
Styrene
Concen: 44.983 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

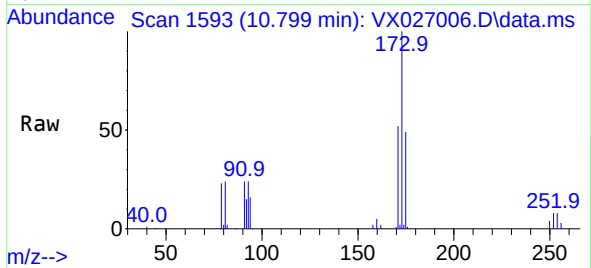
Tgt Ion:104 Resp: 140521
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 54.6 43.3 64.9





#71
Bromoform
Concen: 39.639 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

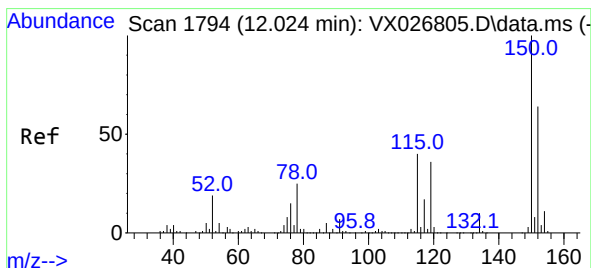
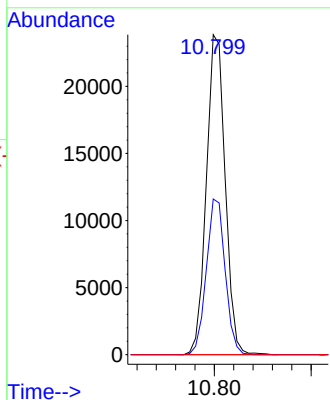
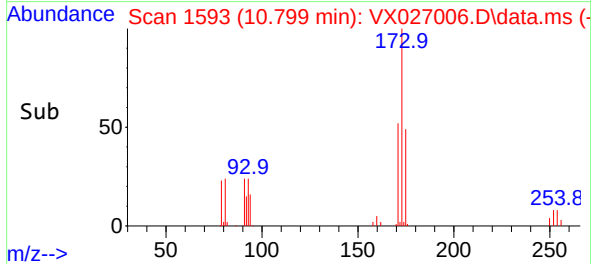
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



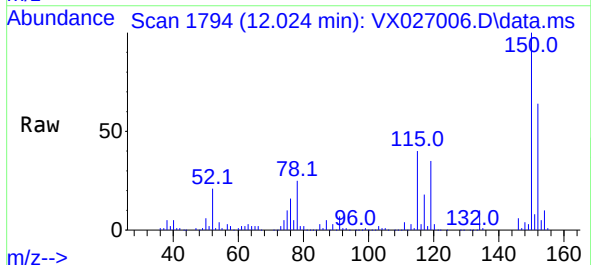
Tgt Ion:173 Resp: 32270
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

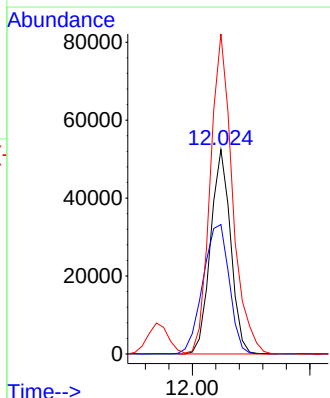
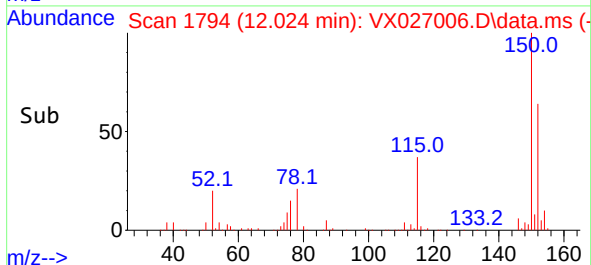
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

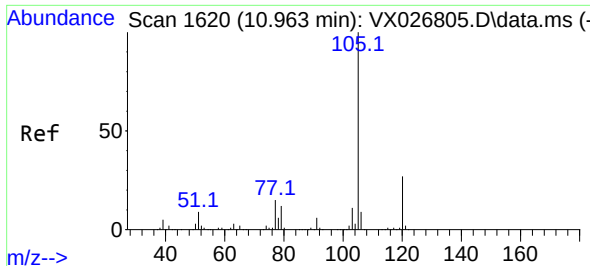


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



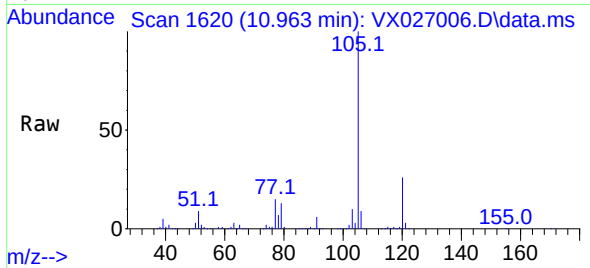
Tgt Ion:152 Resp: 62217
Ion Ratio Lower Upper
152 100
115 83.3 44.2 132.6
150 173.2 0.0 348.2





#73
Isopropylbenzene
Concen: 45.971 ug/l
RT: 10.963 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

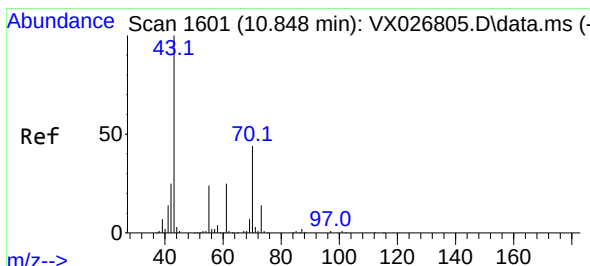
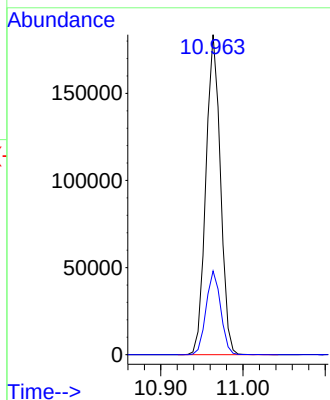
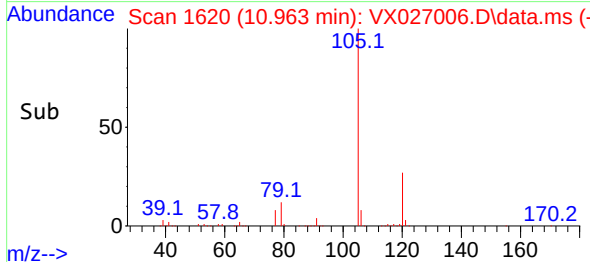
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



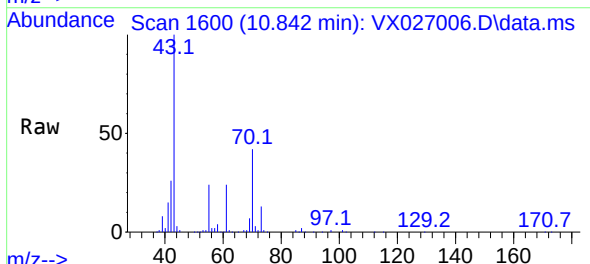
Tgt Ion:105 Resp: 22529
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
APPROVED

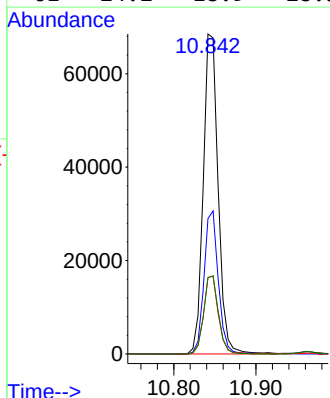
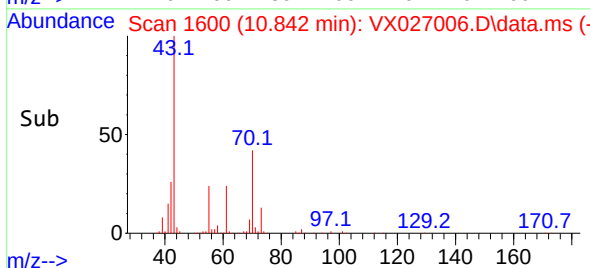
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

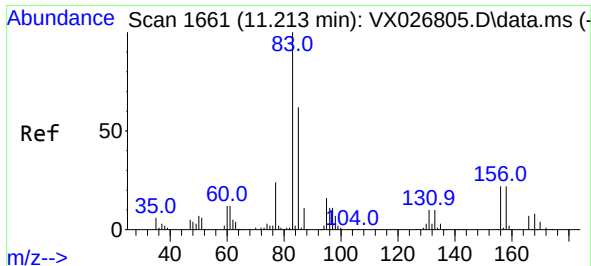


#74
N-ethyl acetate
Concen: 44.029 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 43 Resp: 86215
Ion Ratio Lower Upper
43 100
70 43.0 32.9 49.3
55 24.0 18.3 27.5
61 24.2 18.9 28.3





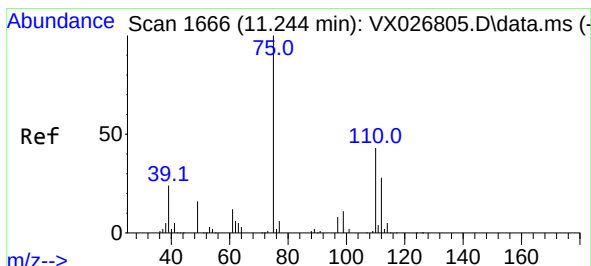
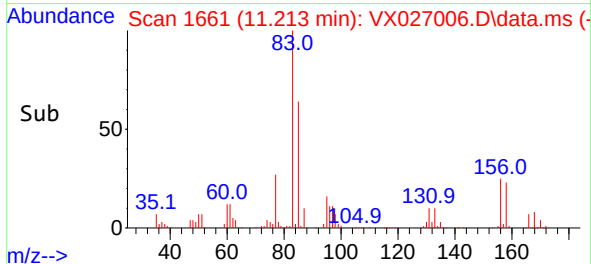
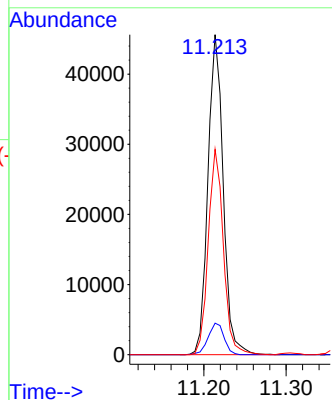
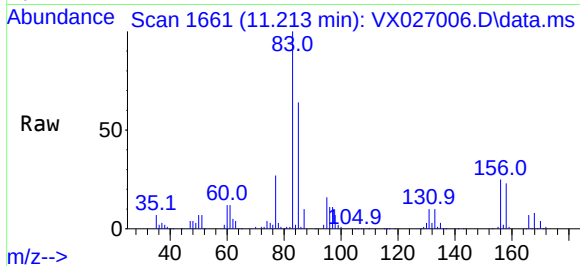
#75
1,1,2,2-Tetrachloroethane
Concen: 44.218 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 5880
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 63.7 32.0 96.2

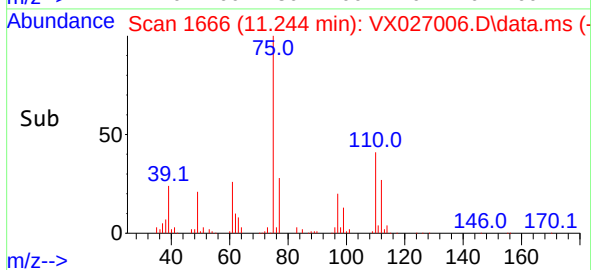
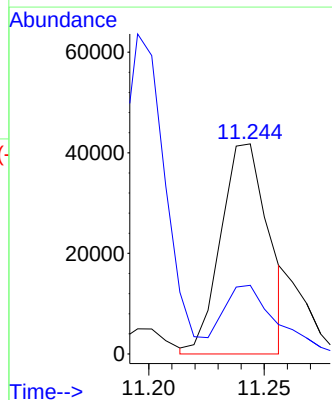
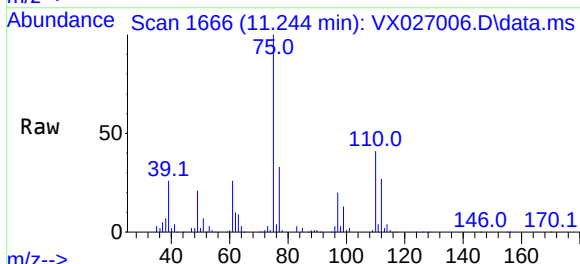
Manual Integrations
APPROVED

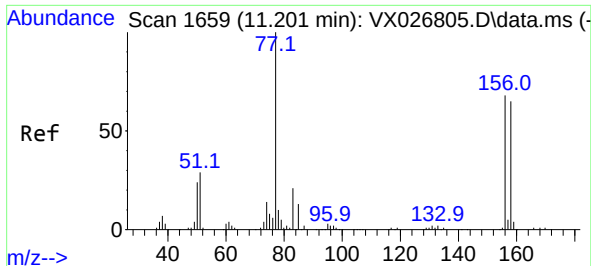
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#76
1,2,3-Trichloropropane
Concen: 44.009 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

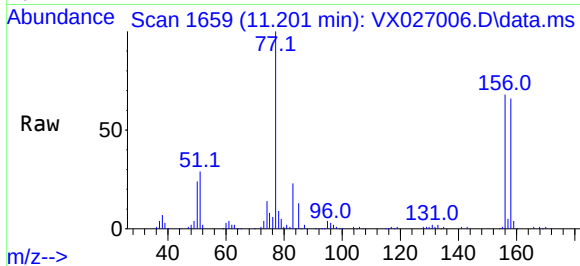
Tgt Ion: 75 Resp: 59938
Ion Ratio Lower Upper
75 100
77 36.3 18.3 54.8





#77
Bromobenzene
Concen: 45.007 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

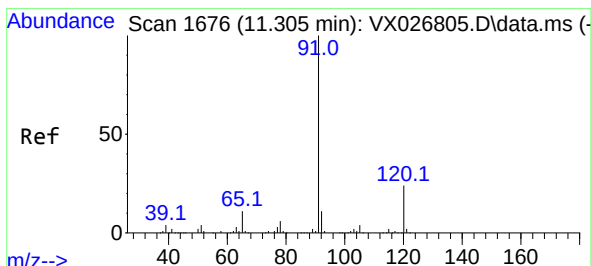
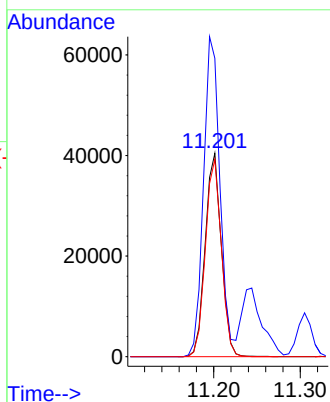
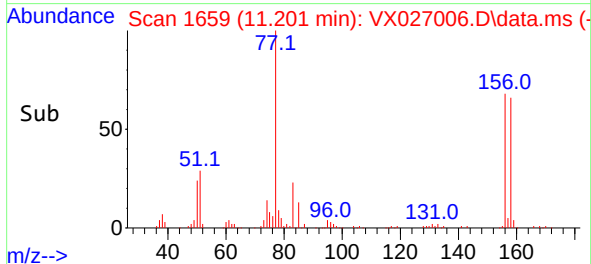
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



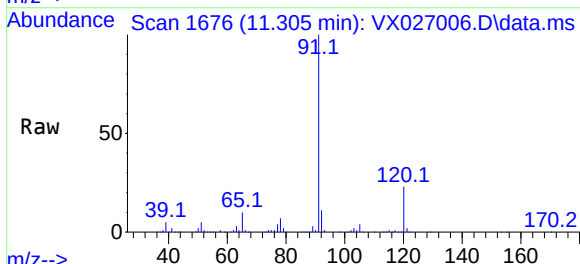
Tgt Ion:156 Resp: 52429
Ion Ratio Lower Upper
156 100
77 160.6 84.5 253.4
158 96.1 48.1 144.4

Manual Integrations
APPROVED

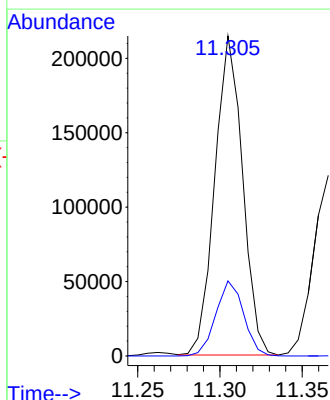
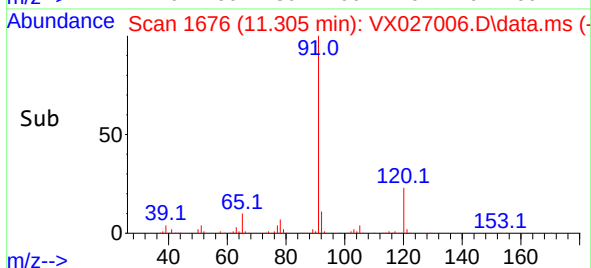
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

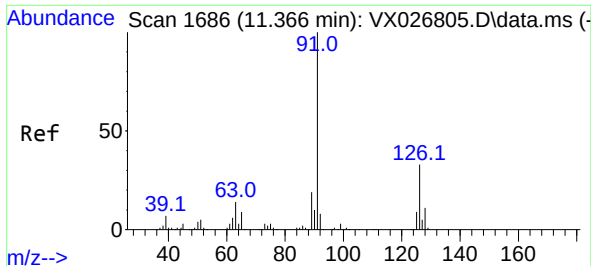


#78
n-propylbenzene
Concen: 46.269 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



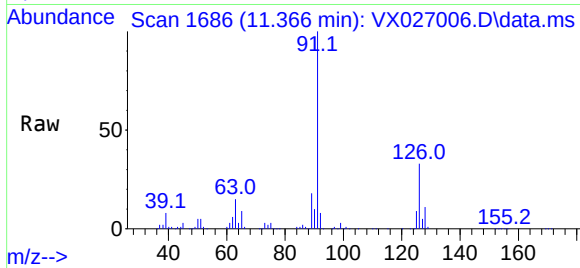
Tgt Ion: 91 Resp: 251377
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7





#79
2-Chlorotoluene
Concen: 44.359 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

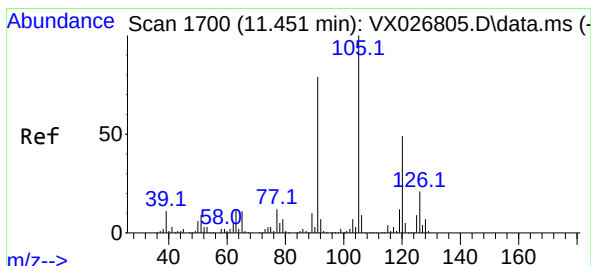
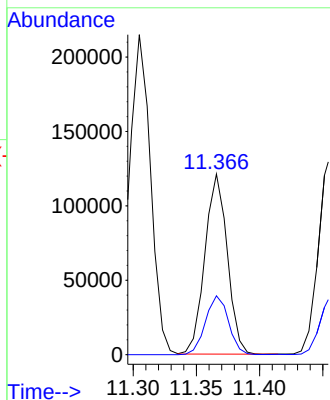
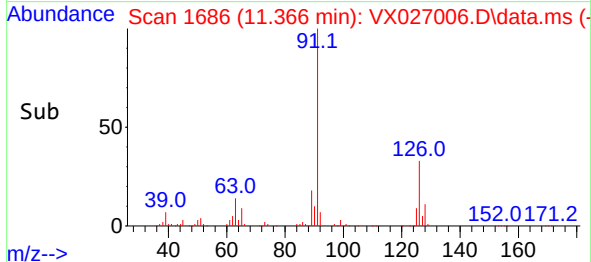
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



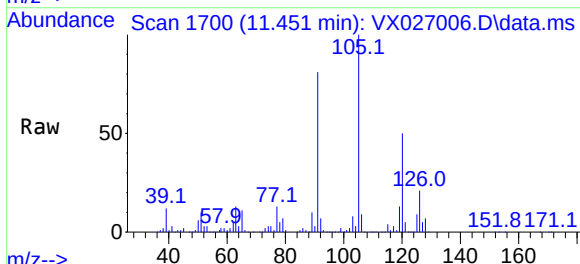
Tgt Ion: 91 Resp: 14890
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.2

Manual Integrations
APPROVED

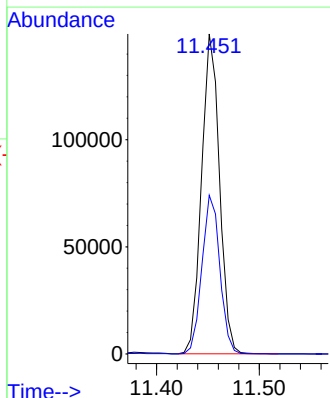
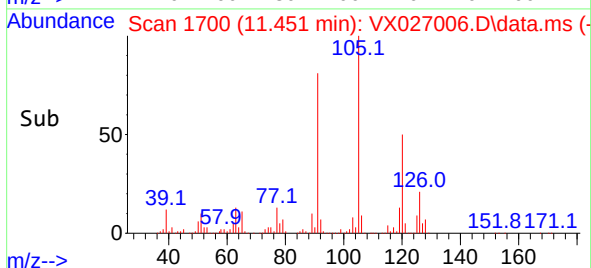
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

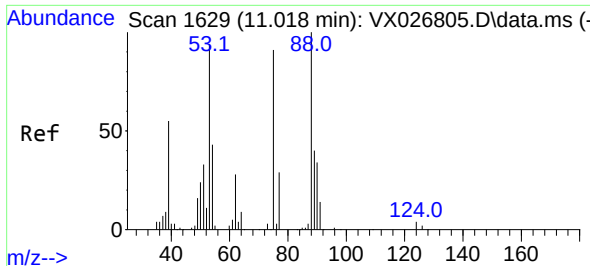


#80
1,3,5-Trimethylbenzene
Concen: 44.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion:105 Resp: 181162
Ion Ratio Lower Upper
105 100
120 49.7 24.0 72.0





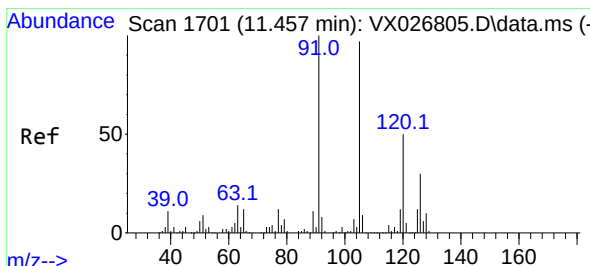
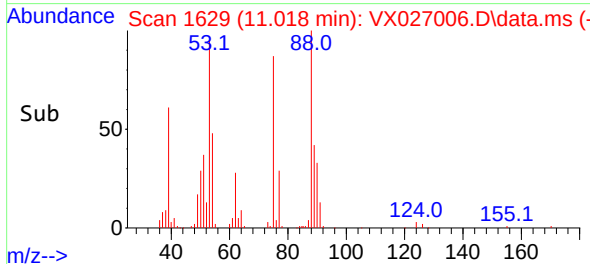
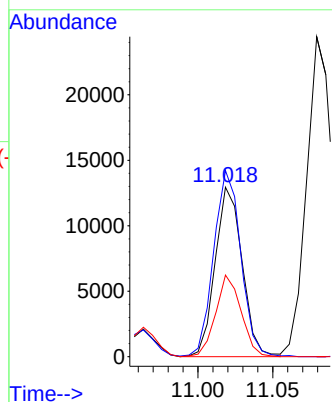
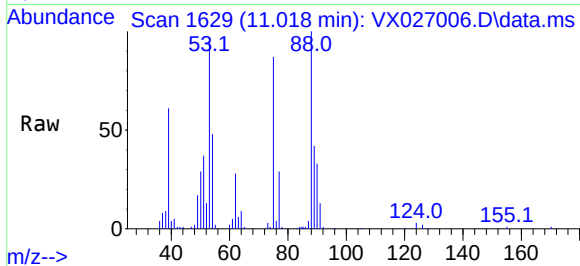
#81
trans-1,4-Dichloro-2-butene
Concen: 38.133 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 16234
Ion Ratio Lower Upper
75 100
53 110.5 94.0 141.0
89 45.5 37.0 55.4

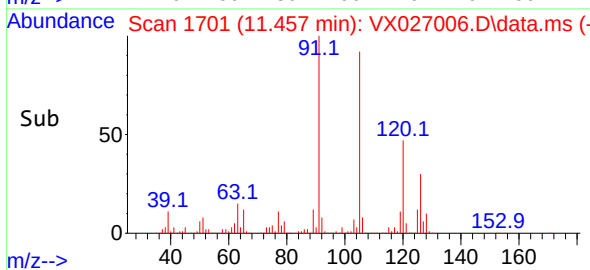
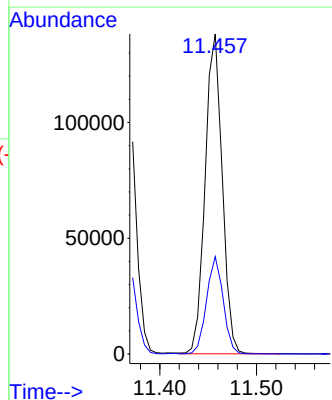
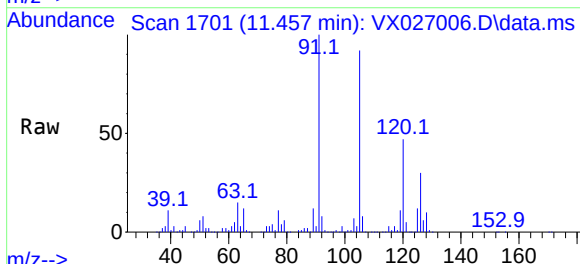
Manual Integrations
APPROVED

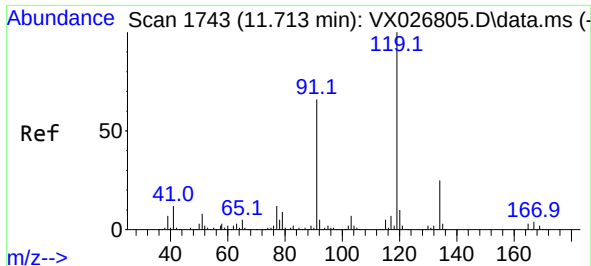
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#82
4-Chlorotoluene
Concen: 45.137 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

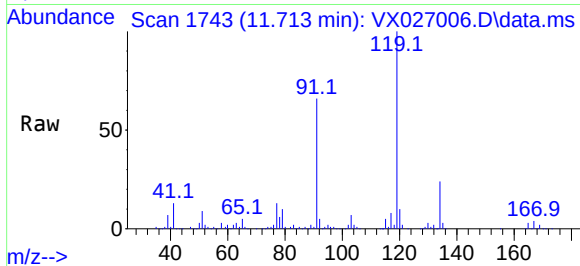
Tgt Ion: 91 Resp: 169977
Ion Ratio Lower Upper
91 100
126 29.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 45.023 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

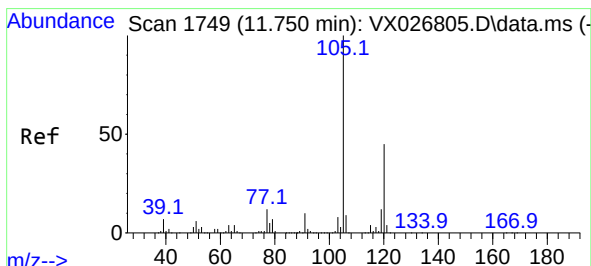
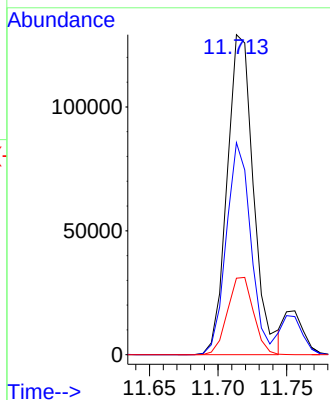
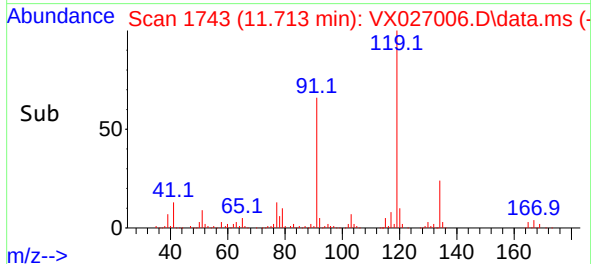
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



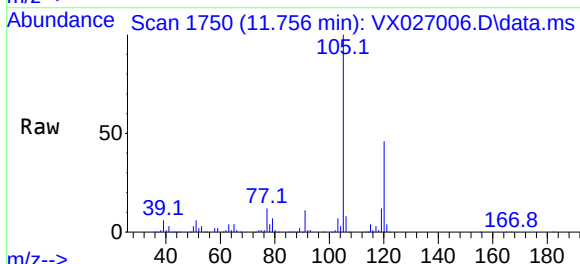
Tgt Ion:119 Resp: 173080
Ion Ratio Lower Upper
119 100
91 61.4 31.4 94.0
134 23.8 11.8 35.3

Manual Integrations
APPROVED

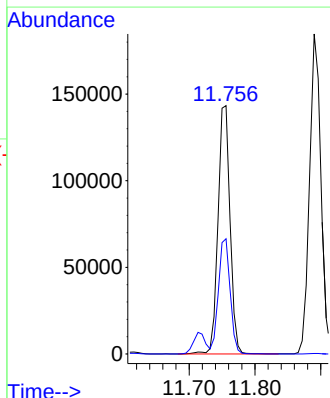
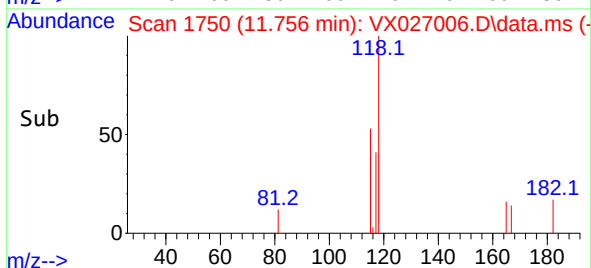
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

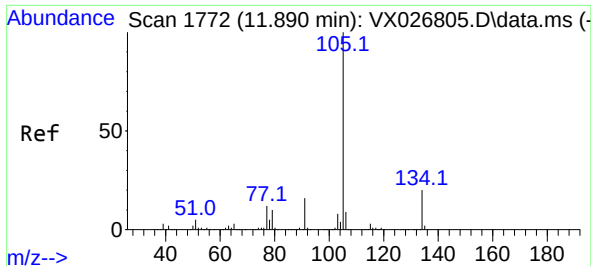


#84
1,2,4-Trimethylbenzene
Concen: 44.874 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



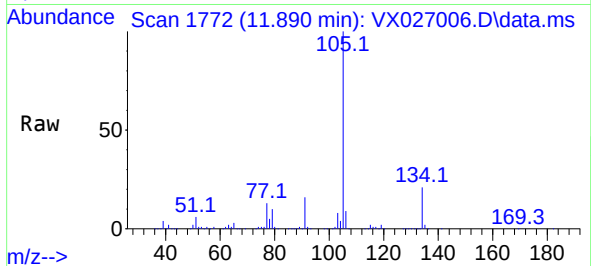
Tgt Ion:105 Resp: 182562
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 45.563 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027006.D
 Acq: 12 Feb 2022 06:44

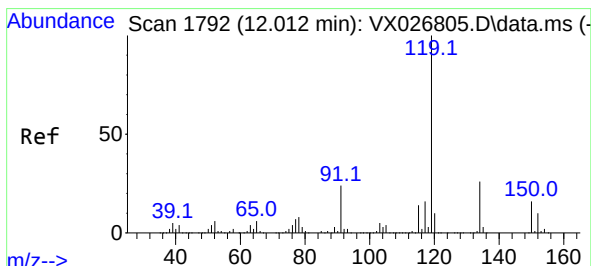
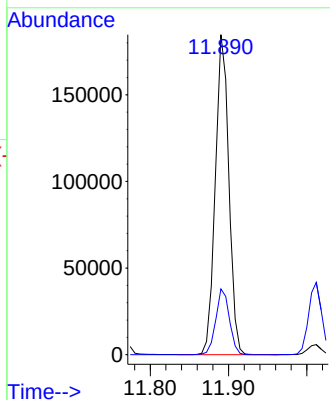
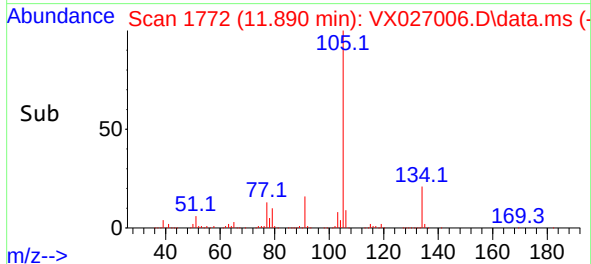
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



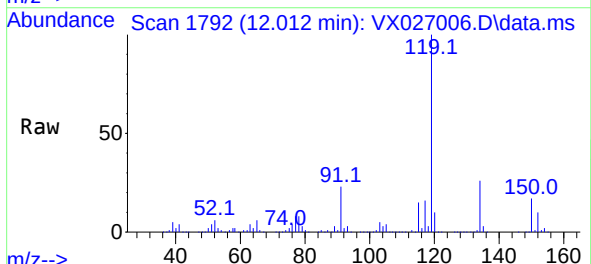
Tgt Ion:105 Resp: 222023
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
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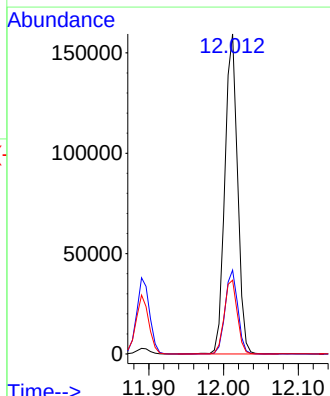
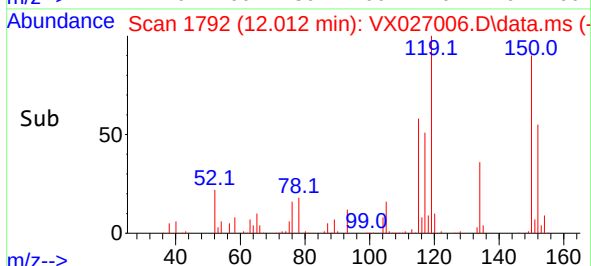
Reviewed By :John Carlone 02/14/2022
 Supervised By :Mahesh Dadoda 02/15/2022

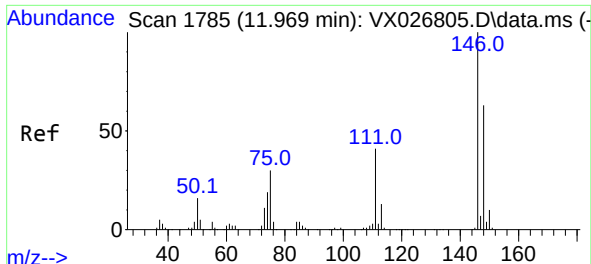


#86
 p-Isopropyltoluene
 Concen: 45.533 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027006.D
 Acq: 12 Feb 2022 06:44



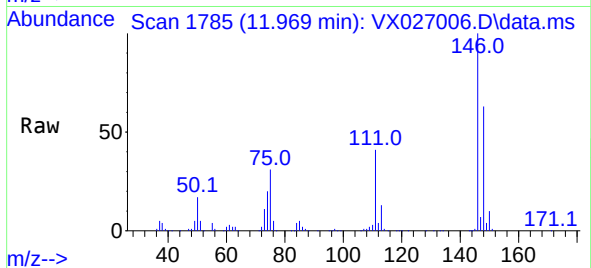
Tgt Ion:119 Resp: 187968
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.7 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 44.579 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

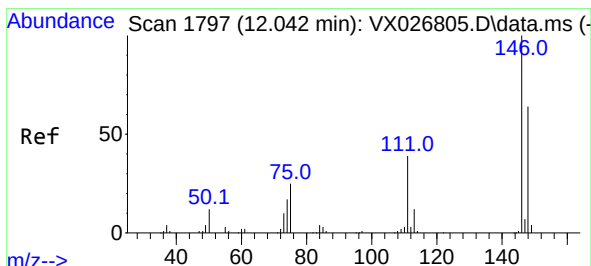
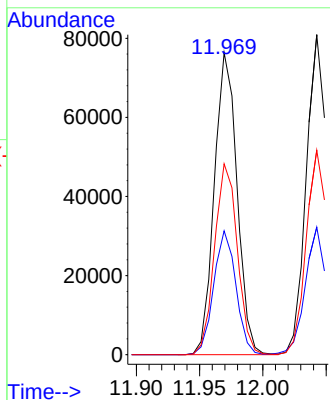
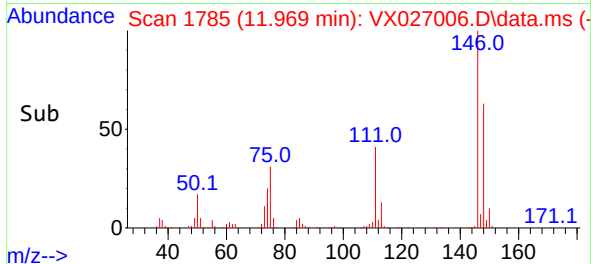
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



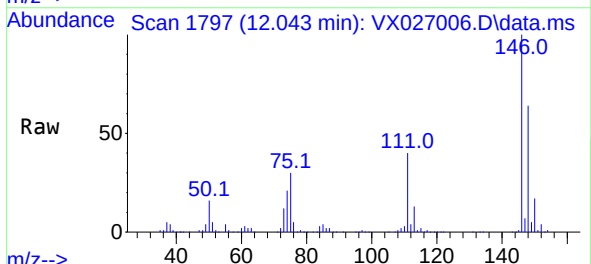
Tgt Ion:146 Resp: 95150
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.7
148 63.4 31.6 95.0

Manual Integrations
APPROVED

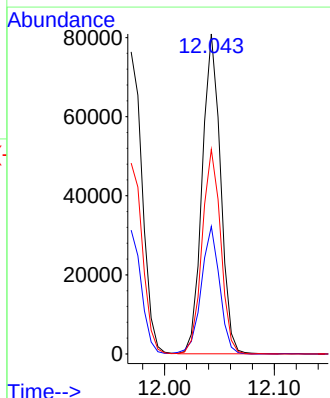
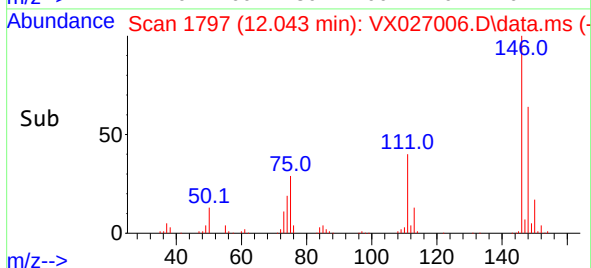
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

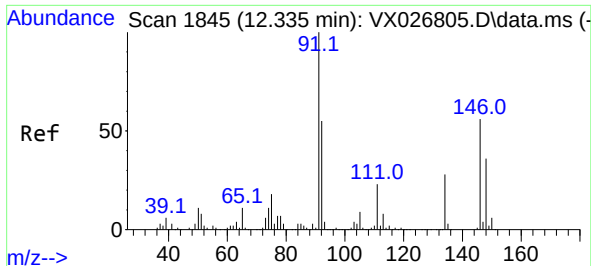


#88
1,4-Dichlorobenzene
Concen: 43.633 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion:146 Resp: 93928
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.6
148 64.8 31.4 94.0





#89

n-Butylbenzene

Concen: 45.700 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 15435

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

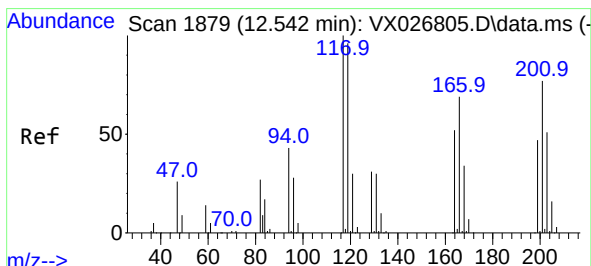
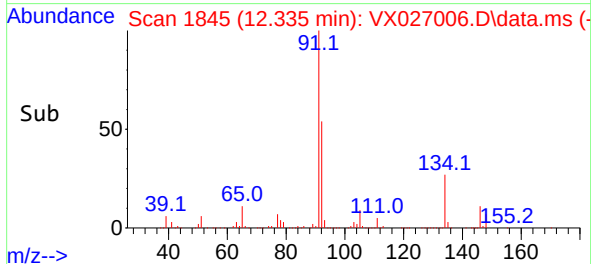
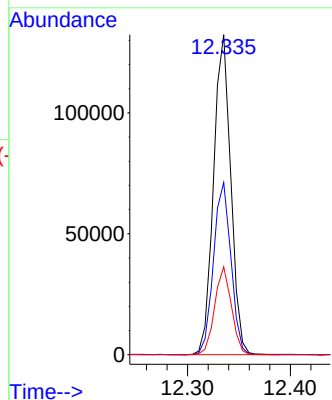
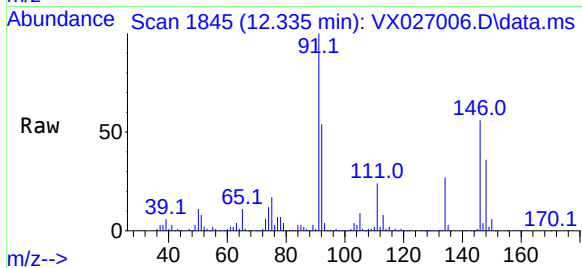
134 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#90

Hexachloroethane

Concen: 45.985 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX027006.D

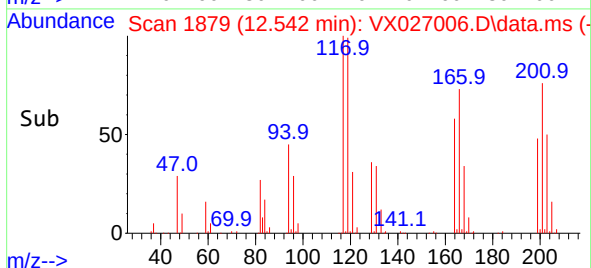
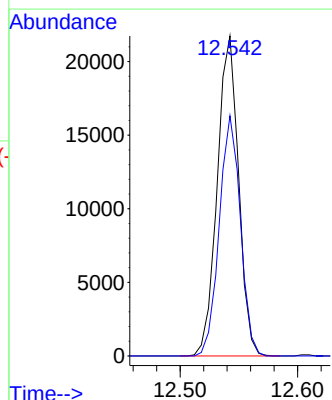
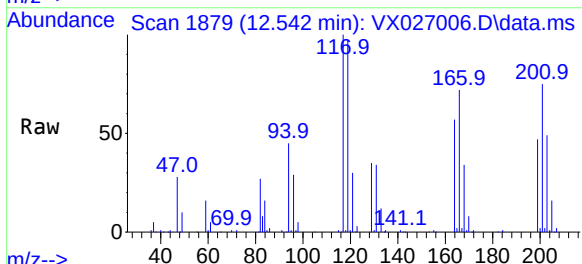
Acq: 12 Feb 2022 06:44

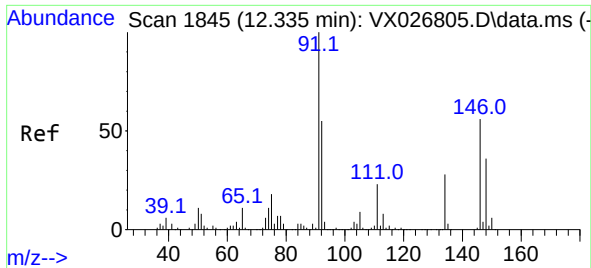
Tgt Ion:117 Resp: 27437

Ion Ratio Lower Upper

117 100

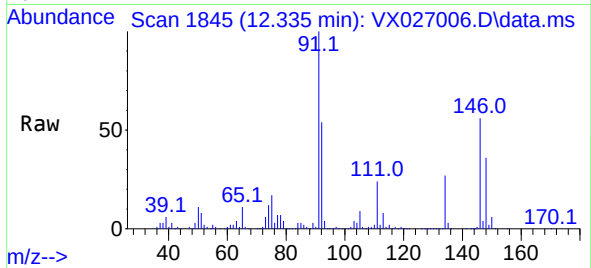
201 74.3 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 44.348 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

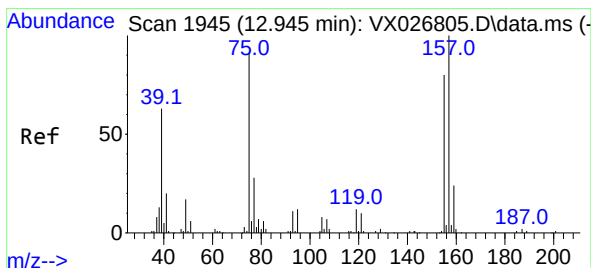
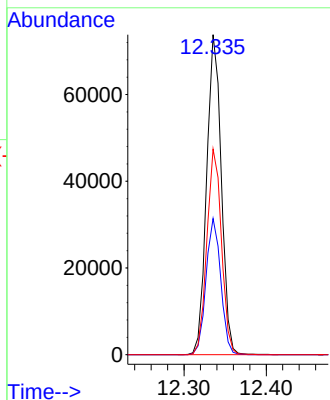
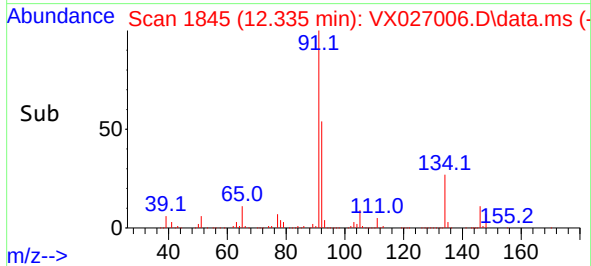
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



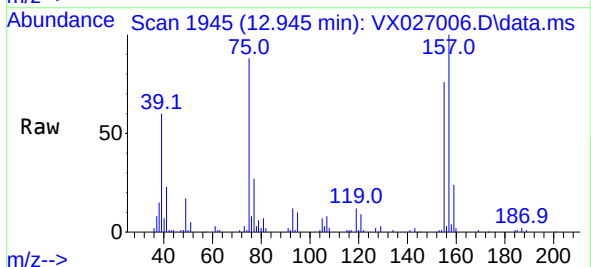
Tgt Ion:146 Resp: 9134
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.3
148 64.1 32.0 96.2

Manual Integrations
APPROVED

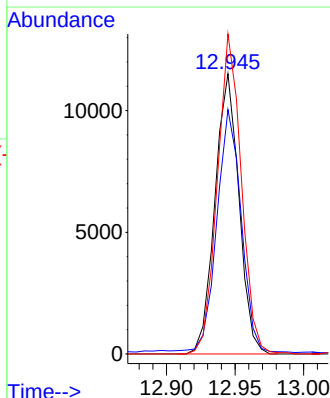
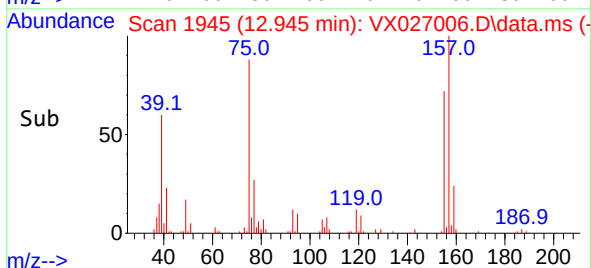
Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

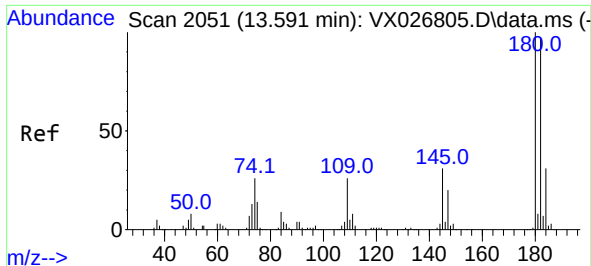


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.782 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion: 75 Resp: 13992
Ion Ratio Lower Upper
75 100
155 88.8 40.0 119.9
157 113.9 51.6 154.8





#93

1,2,4-Trichlorobenzene

Concen: 45.425 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 5904

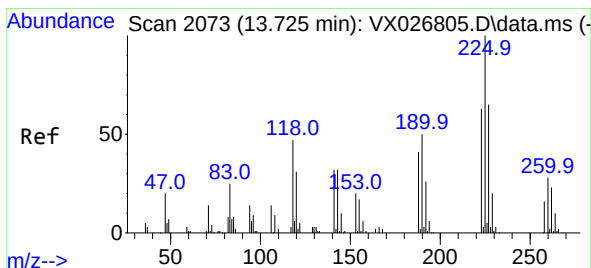
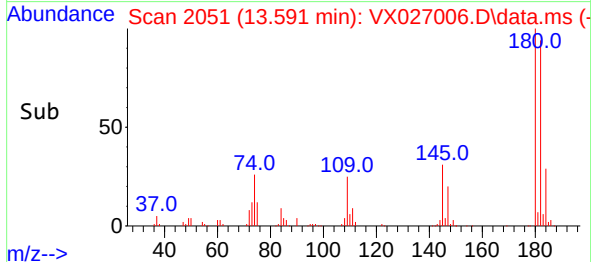
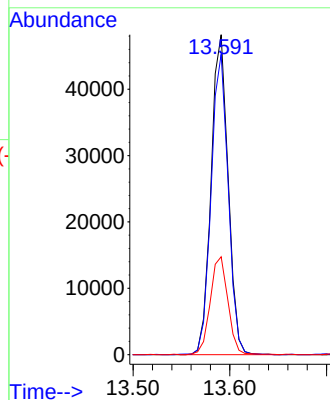
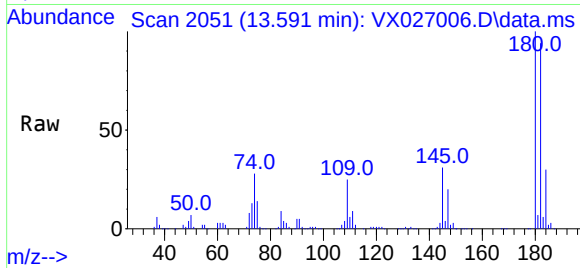
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.0
145	31.9	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2022

Supervised By :Mahesh Dadoda 02/15/2022



#94

Hexachlorobutadiene

Concen: 42.129 ug/l

RT: 13.725 min Scan# 2073

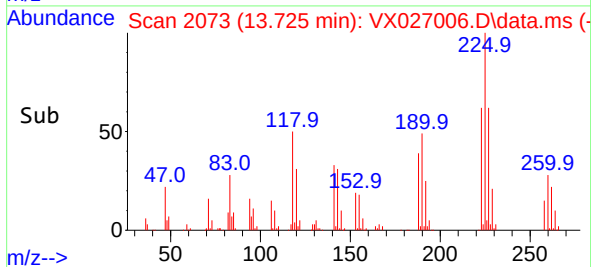
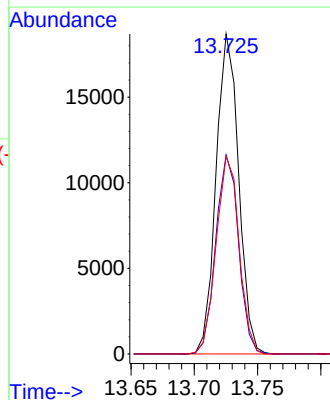
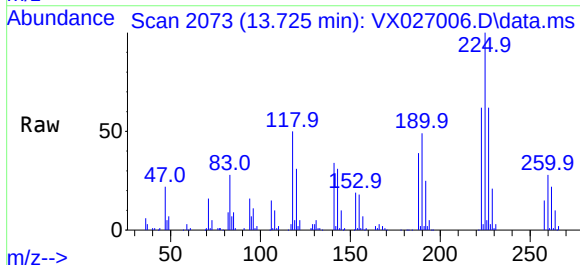
Delta R.T. 0.000 min

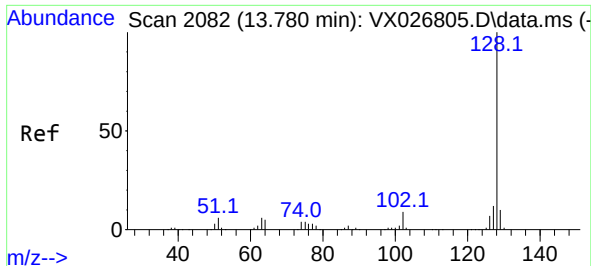
Lab File: VX027006.D

Acq: 12 Feb 2022 06:44

Tgt Ion:225 Resp: 23163

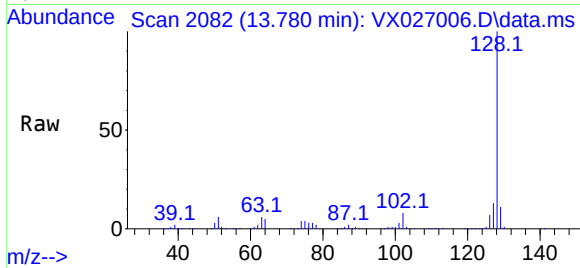
Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.0	96.0
227	62.7	32.3	96.9





#95
Naphthalene
Concen: 46.758 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44

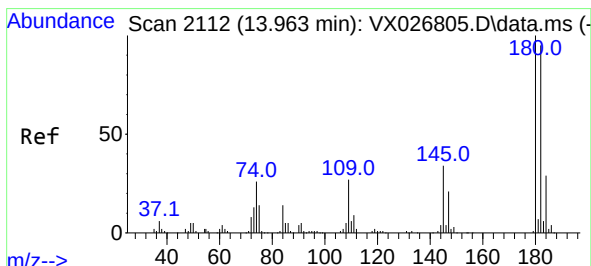
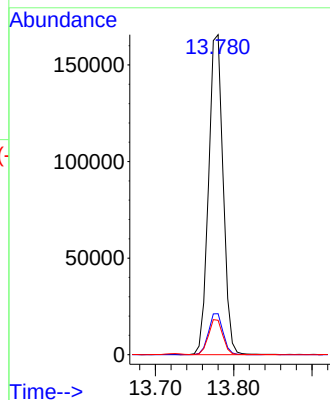
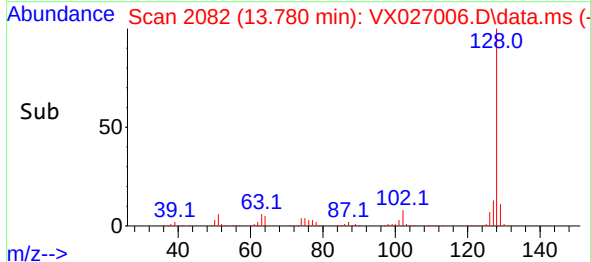
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



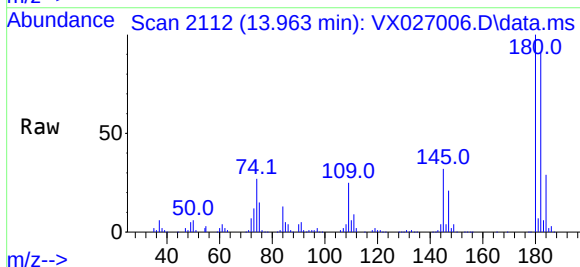
Tgt Ion:128 Resp: 21289
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.832 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027006.D
Acq: 12 Feb 2022 06:44



Tgt Ion:180 Resp: 60323
Ion Ratio Lower Upper
180 100
182 94.0 47.2 141.6
145 33.9 17.5 52.5

