

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027214.D
 Acq On : 26 Feb 2022 01:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 03:10:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48966	50.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.840%			
35) Dibromofluoromethane	5.391	113	40178	48.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	8.653	98	151478	48.930	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	56864	47.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41090	51.116	ug/l	99
3) Chloromethane	1.301	50	41805	55.634	ug/l	99
4) Vinyl Chloride	1.380	62	39731	53.083	ug/l	100
5) Bromomethane	1.605	94	17887	54.827	ug/l	96
6) Chloroethane	1.685	64	24096	52.427	ug/l	99
7) Trichlorofluoromethane	1.892	101	61609	52.924	ug/l	99
8) Diethyl Ether	2.136	74	22123	54.600	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	42402	52.286	ug/l	96
10) Methyl Iodide	2.459	142	62591	57.478	ug/l	96
11) Tert butyl alcohol	2.965	59	46708	247.170	ug/l	97
12) 1,1-Dichloroethene	2.325	96	42256	53.673	ug/l	90
13) Acrolein	2.239	56	45757	261.969	ug/l	100
14) Allyl chloride	2.666	41	72141	52.044	ug/l	95
15) Acrylonitrile	3.068	53	134204	276.763	ug/l	98
16) Acetone	2.380	43	112547	263.927	ug/l	95
17) Carbon Disulfide	2.514	76	96881	47.325	ug/l	100
18) Methyl Acetate	2.709	43	60123	54.624	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	147657	54.658	ug/l	99
20) Methylene Chloride	2.794	84	47395	53.623	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	45661	54.384	ug/l	94
22) Diisopropyl ether	3.770	45	149291	55.247	ug/l	92
23) Vinyl Acetate	3.727	43	637404	279.327	ug/l	97
24) 1,1-Dichloroethane	3.617	63	82717	54.148	ug/l	99
25) 2-Butanone	4.562	43	182287	268.420	ug/l	98
26) 2,2-Dichloropropane	4.483	77	45821	41.347	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	53308	54.748	ug/l	93
28) Bromochloromethane	4.904	49	30367	49.137	ug/l	93
29) Tetrahydrofuran	5.007	42	121767	267.903	ug/l	97
30) Chloroform	5.099	83	84623	53.334	ug/l	100
31) Cyclohexane	5.477	56	76459	52.564	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	73020	53.162	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63442	52.503	ug/l	98
37) Ethyl Acetate	4.721	43	69849	52.649	ug/l	98
38) Carbon Tetrachloride	5.684	117	62477	49.575	ug/l	95
39) Methylcyclohexane	7.385	83	77023	51.242	ug/l	96
40) Benzene	6.044	78	187083	52.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39417	54.160	ug/l	95
42) 1,2-Dichloroethane	6.092	62	66805	53.291	ug/l	97
43) Isopropyl Acetate	6.342	43	110293	54.041	ug/l	97
44) Trichloroethene	7.129	130	55391	52.401	ug/l	95
45) 1,2-Dichloropropane	7.434	63	47206	54.675	ug/l	97
46) Dibromomethane	7.580	93	33276	53.659	ug/l	96
47) Bromodichloromethane	7.824	83	62532	51.663	ug/l	98
48) Methyl methacrylate	7.696	41	55114	55.789	ug/l	96
49) 1,4-Dioxane	7.659	88	21592	966.810	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	357204	269.280	ug/l	97
52) Toluene	8.720	92	119133	52.651	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61827	45.430	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	70143	51.915	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	48685	54.324	ug/l	97
56) Ethyl methacrylate	9.116	69	75591	54.176	ug/l	93
57) 1,3-Dichloropropane	9.311	76	81045	54.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	178298	265.106	ug/l	96
59) 2-Hexanone	9.433	43	269976	266.287	ug/l	97
60) Dibromochloromethane	9.525	129	47902	51.524	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50077	52.469	ug/l	100
64) Tetrachloroethene	9.275	164	57809	53.750	ug/l	95
65) Chlorobenzene	10.079	112	128685	53.105	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46031	52.382	ug/l	99
67) Ethyl Benzene	10.195	91	227543	53.490	ug/l	98
68) m/p-Xylenes	10.305	106	177836	108.743	ug/l	95
69) o-Xylene	10.640	106	86220	52.530	ug/l	98
70) Styrene	10.659	104	145528	54.185	ug/l	98
71) Bromoform	10.799	173	32710	43.593	ug/l #	99
73) Isopropylbenzene	10.963	105	225434	53.890	ug/l	99
74) N-amyl acetate	10.841	43	90434	56.817	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	64042	51.831	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	63518m	53.941	ug/l	
77) Bromobenzene	11.201	156	55771	53.450	ug/l	92
78) n-propylbenzene	11.305	91	256484	53.945	ug/l	98
79) 2-Chlorotoluene	11.366	91	155550	53.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189475	53.865	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16037	40.849	ug/l	95
82) 4-Chlorotoluene	11.457	91	177898	53.449	ug/l	97
83) tert-Butylbenzene	11.713	119	182178	53.263	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	190073	54.324	ug/l	97
85) sec-Butylbenzene	11.890	105	231559	53.992	ug/l	99
86) p-Isopropyltoluene	12.012	119	197939	54.139	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102513	52.212	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	102704	51.160	ug/l	99
89) n-Butylbenzene	12.335	91	162231	53.088	ug/l	99
90) Hexachloroethane	12.542	117	27686	48.886	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	100727	52.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14536	50.674	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	63771	52.752	ug/l	99
94) Hexachlorobutadiene	13.725	225	25090	49.991	ug/l	98
95) Naphthalene	13.774	128	226426	55.119	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64868	53.533	ug/l	99

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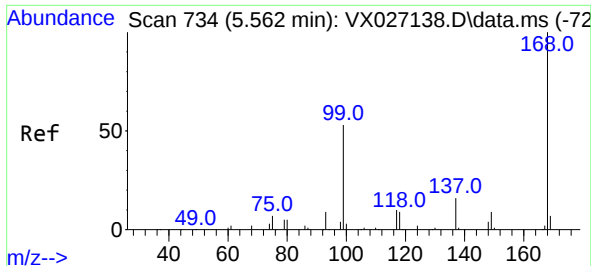
Manual Integrations
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Response via : Initial Calibration

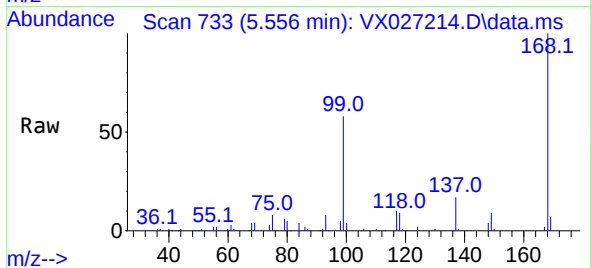
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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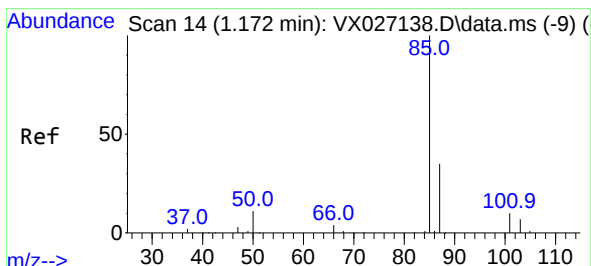
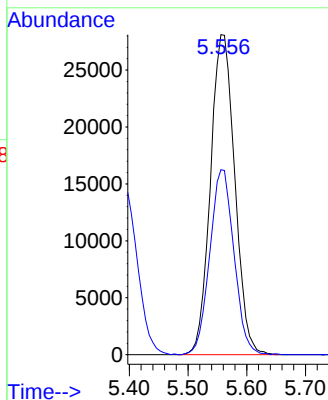
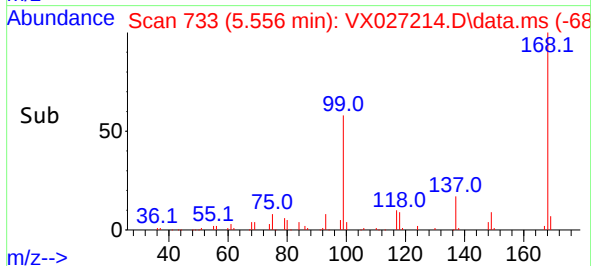
Instrument :
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Tgt Ion:168 Resp: 80869
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5

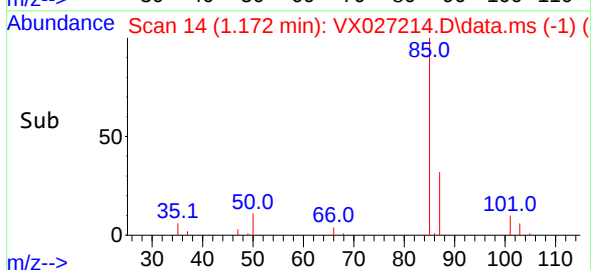
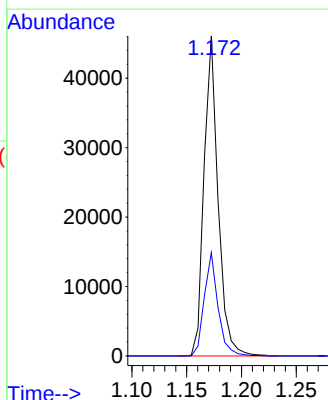
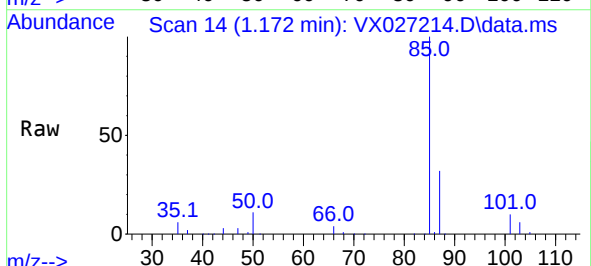
Manual Integrations
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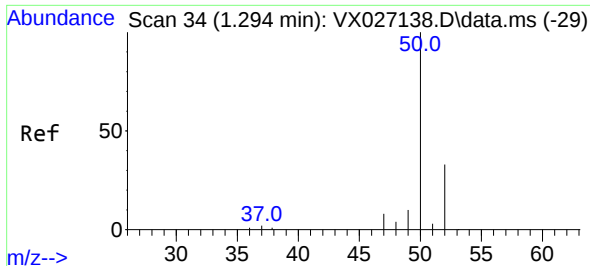
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#2
Dichlorodifluoromethane
Concen: 51.116 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

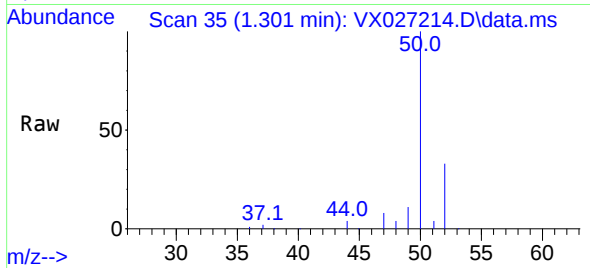
Tgt Ion: 85 Resp: 41090
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





#3
Chloromethane
Concen: 55.634 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

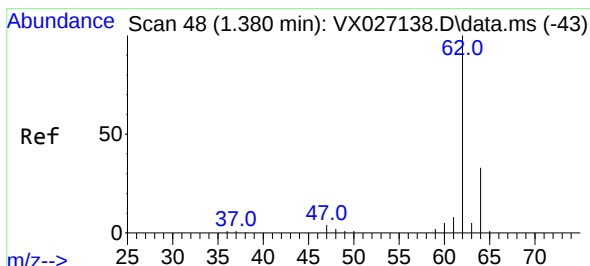
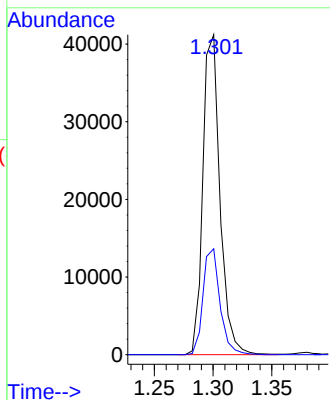
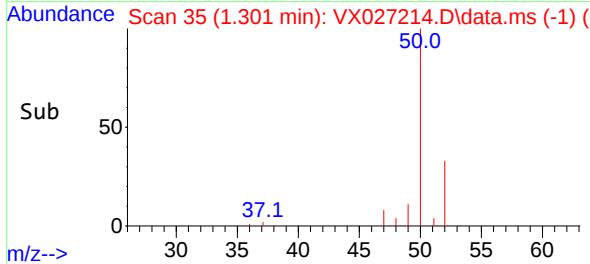
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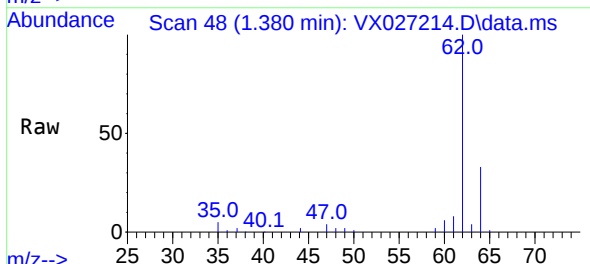
Tgt Ion: 50 Resp: 4180
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1

Manual Integrations
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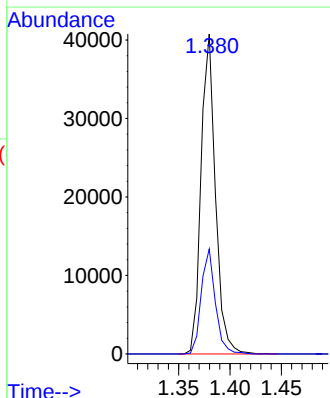
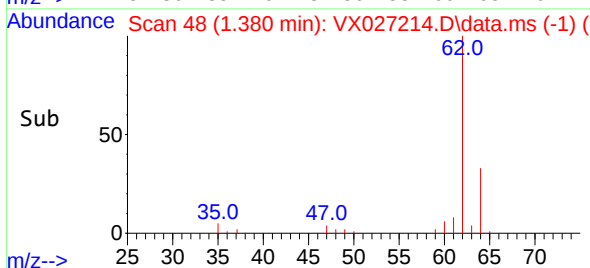
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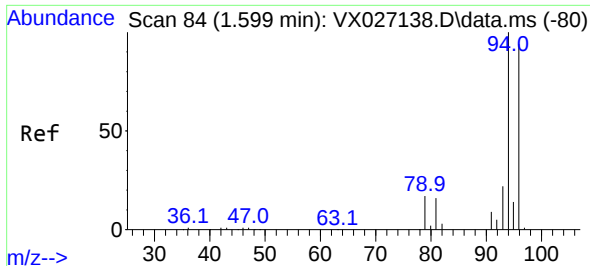


#4
Vinyl Chloride
Concen: 53.083 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 62 Resp: 39731
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





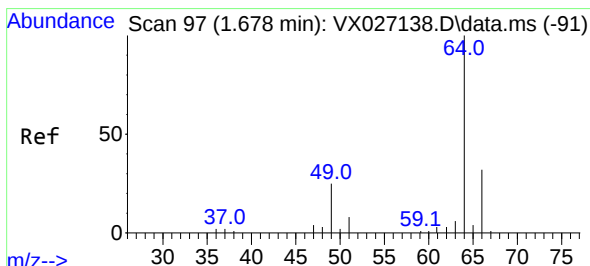
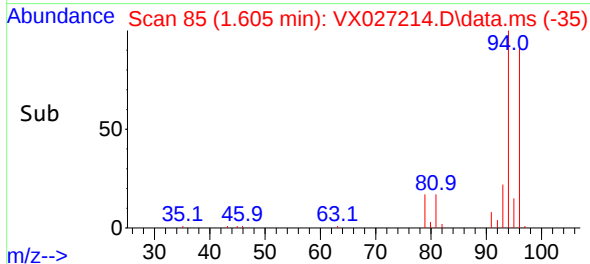
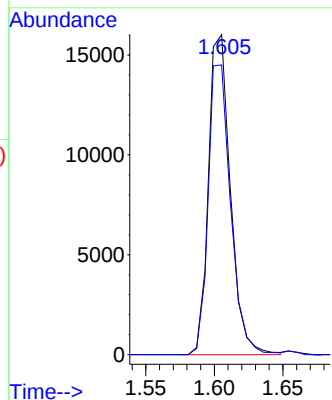
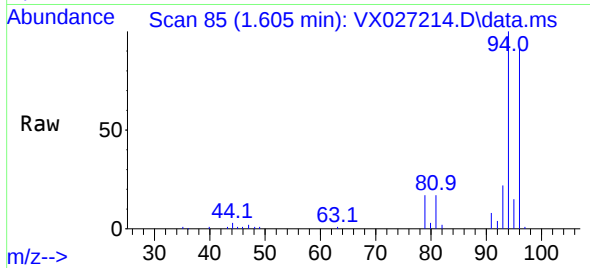
#5
Bromomethane
Concen: 54.827 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027214.D
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Instrument :
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Tgt Ion: 94 Resp: 1788
Ion Ratio Lower Upper
94 100
96 90.6 75.9 113.9

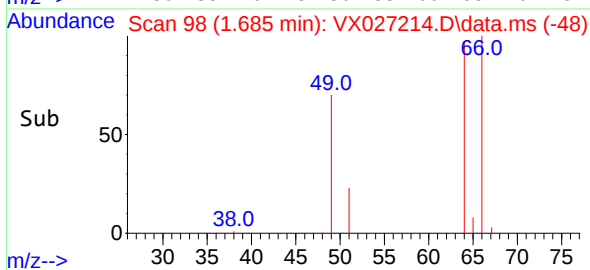
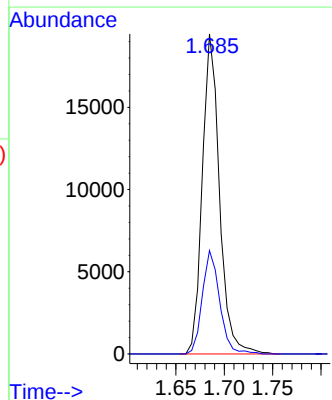
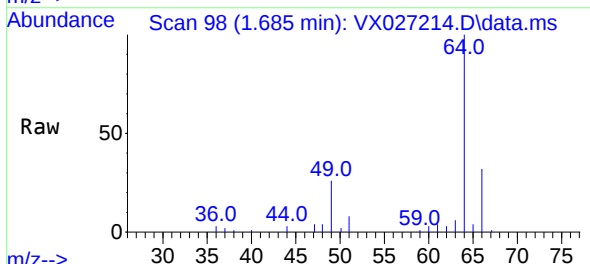
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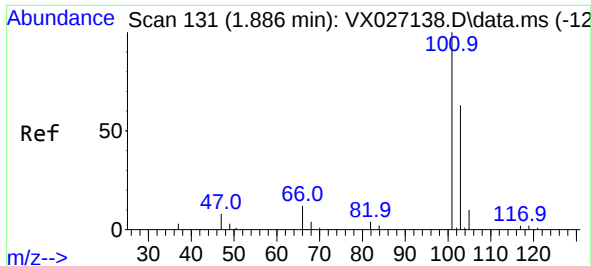
Reviewed By :John Carlone 02/28/2022
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#6
Chloroethane
Concen: 52.427 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX027214.D
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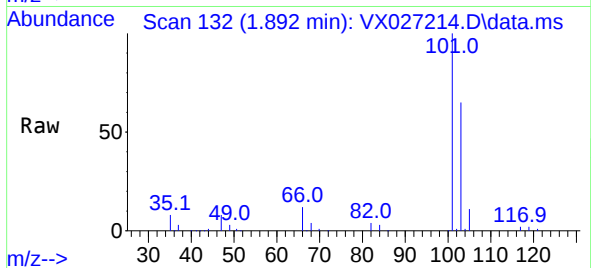
Tgt Ion: 64 Resp: 24096
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 52.924 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

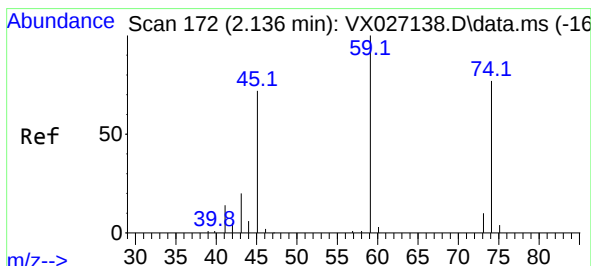
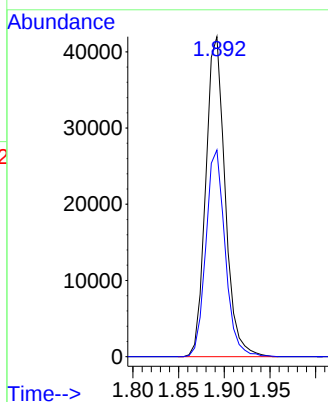
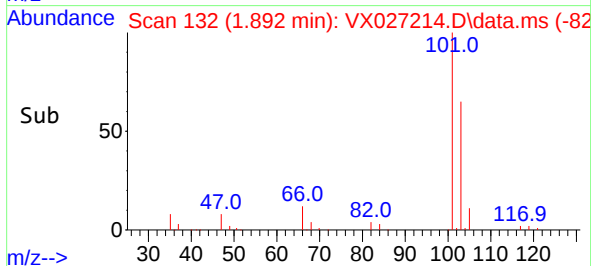
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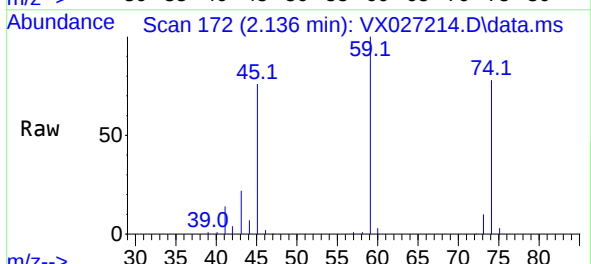
Tgt Ion:101 Resp: 61609
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

Manual Integrations
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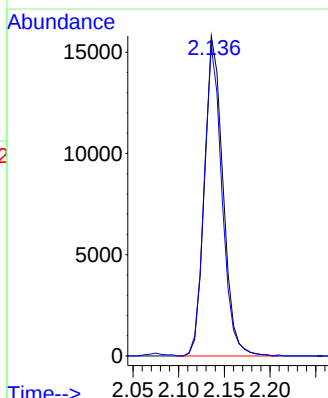
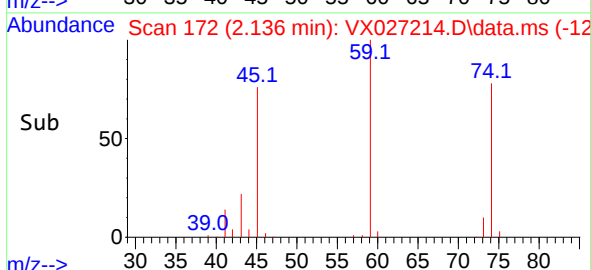
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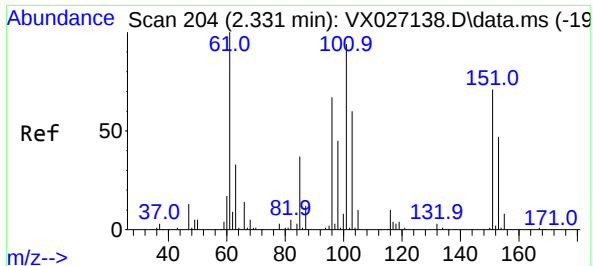


#8
Diethyl Ether
Concen: 54.600 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 26 Feb 2022 01:51



Tgt Ion: 74 Resp: 22123
Ion Ratio Lower Upper
74 100
45 94.7 50.7 152.1





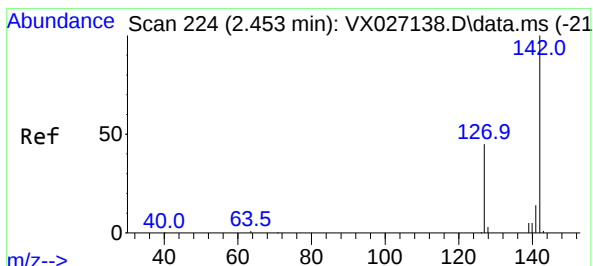
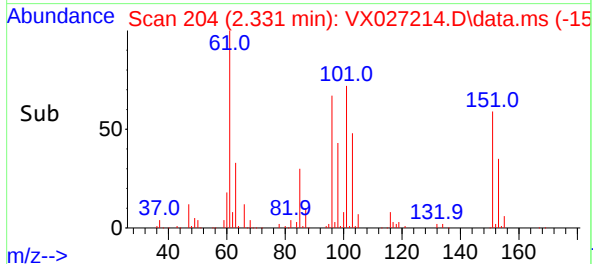
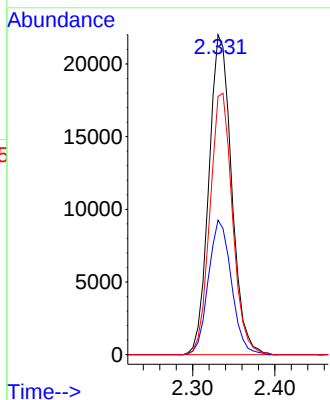
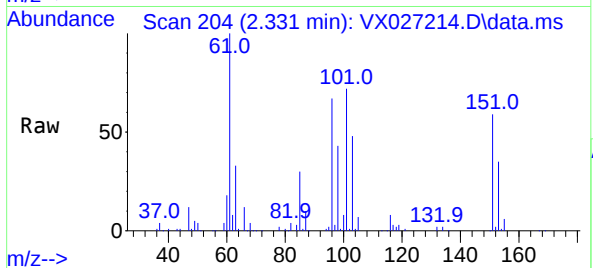
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.286 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4240
Ion Ratio Lower Upper
101 100
85 42.5 35.3 52.9
151 80.9 61.4 92.2

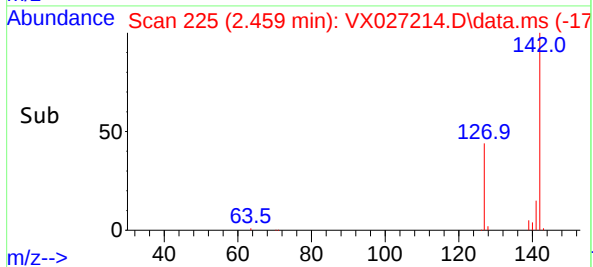
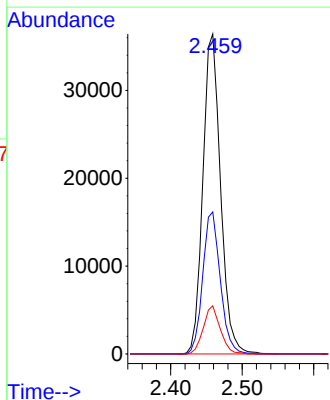
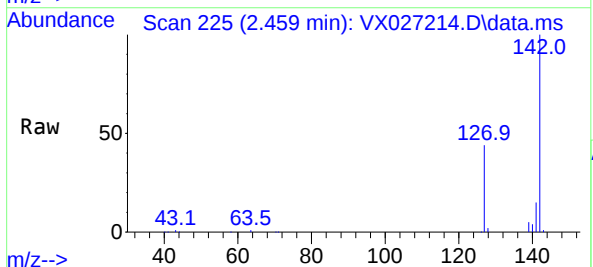
Manual Integrations
APPROVED

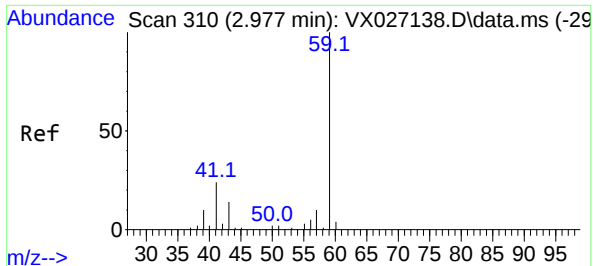
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#10
Methyl Iodide
Concen: 57.478 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

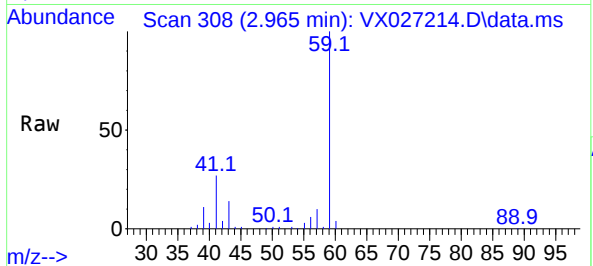
Tgt Ion:142 Resp: 62591
Ion Ratio Lower Upper
142 100
127 44.0 38.1 57.1
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 247.170 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

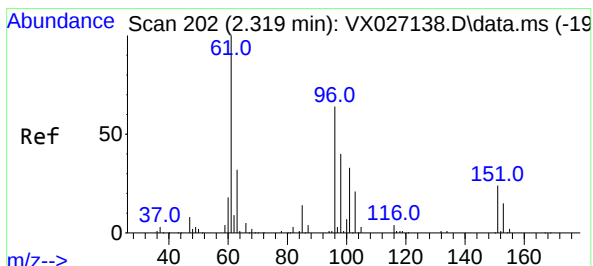
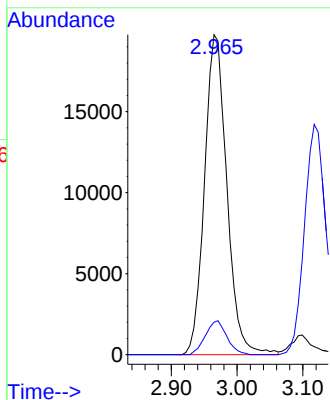
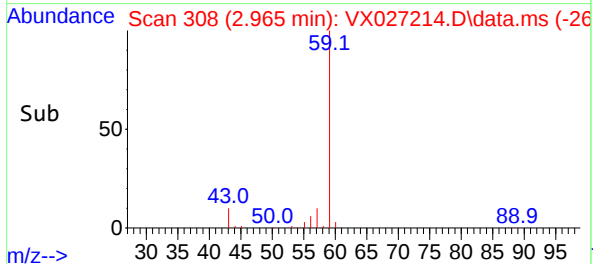
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



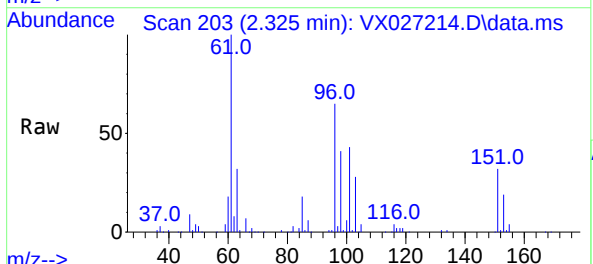
Tgt Ion: 59 Resp: 46708
Ion Ratio Lower Upper
59 100
57 10.2 7.2 10.8

Manual Integrations
APPROVED

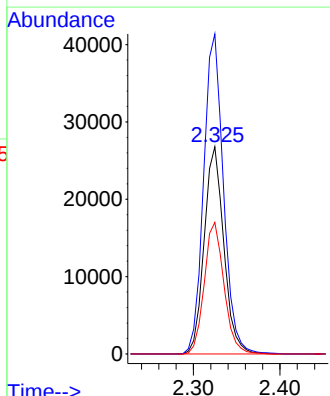
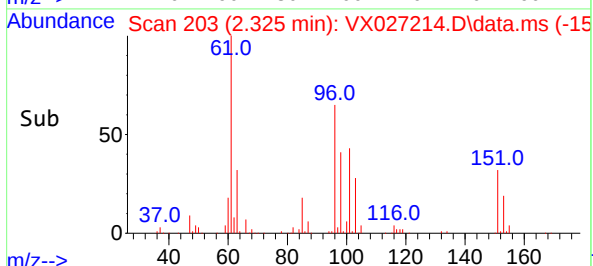
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



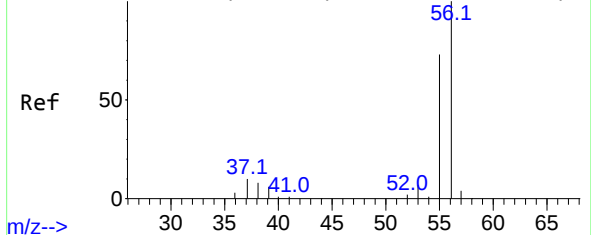
#12
1,1-Dichloroethene
Concen: 53.673 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 96 Resp: 42256
Ion Ratio Lower Upper
96 100
61 154.4 138.5 207.7
98 63.4 51.8 77.6



Abundance Scan 189 (2.239 min): VX027138.D\data.ms (-18



#13

Acrolein

Concen: 261.969 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 4575

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3

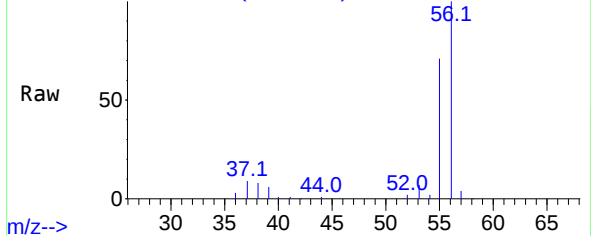
Manual Integrations

APPROVED

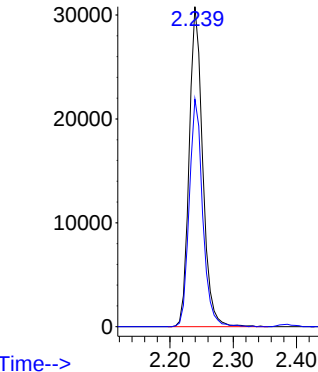
Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022

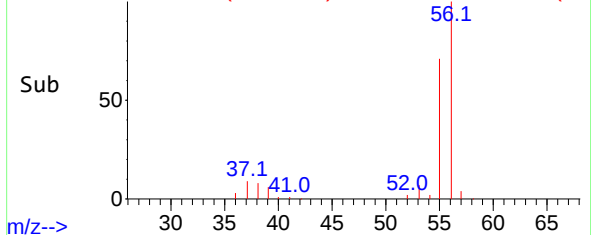
Abundance Scan 189 (2.239 min): VX027214.D\data.ms



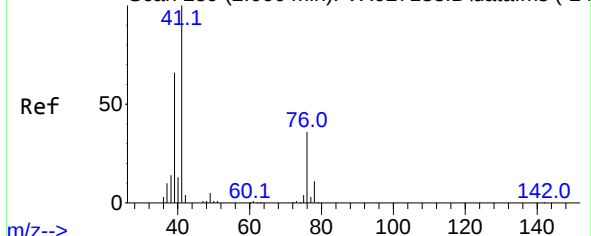
Abundance



Abundance Scan 189 (2.239 min): VX027214.D\data.ms (-14



Abundance Scan 259 (2.666 min): VX027138.D\data.ms (-24



#14

Allyl chloride

Concen: 52.044 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Tgt Ion: 41 Resp: 72141

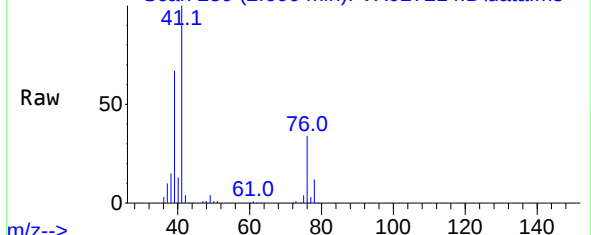
Ion Ratio Lower Upper

41 100

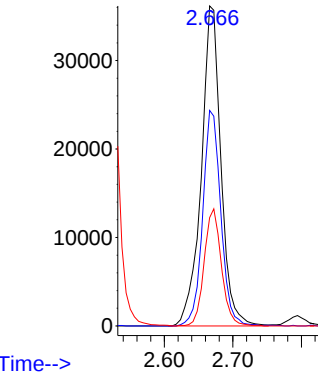
39 62.1 54.2 81.4

76 32.1 25.2 37.8

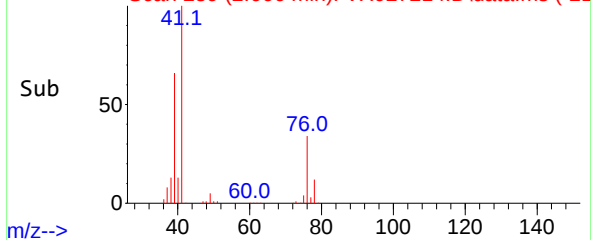
Abundance Scan 259 (2.666 min): VX027214.D\data.ms

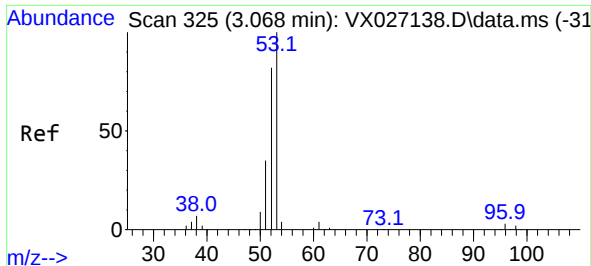


Abundance



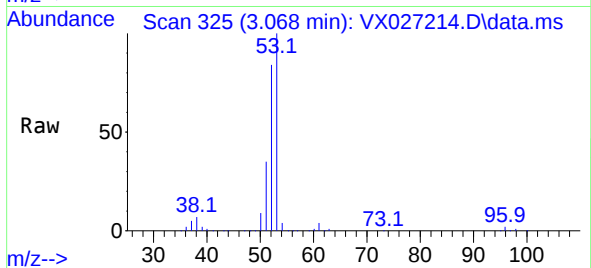
Abundance Scan 259 (2.666 min): VX027214.D\data.ms (-21





#15
Acrylonitrile
Concen: 276.763 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

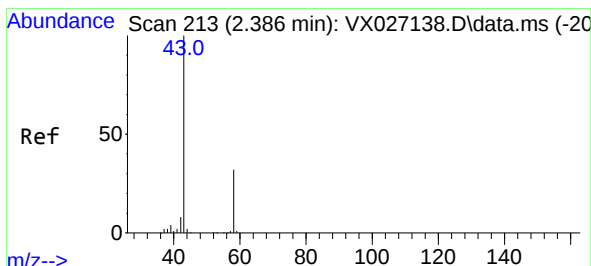
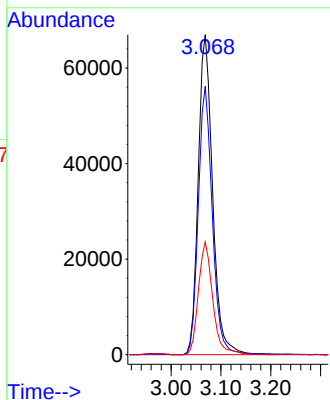
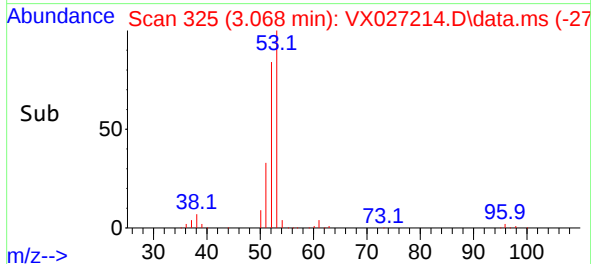
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 134204
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 35.1 29.5 44.3

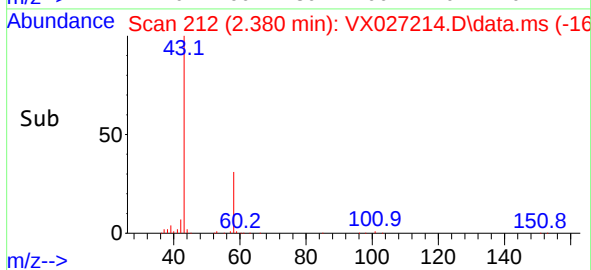
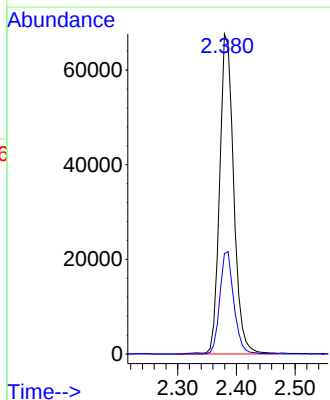
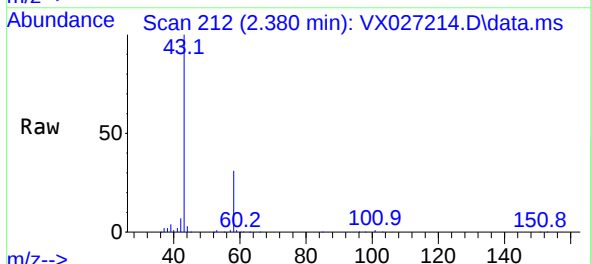
Manual Integrations
APPROVED

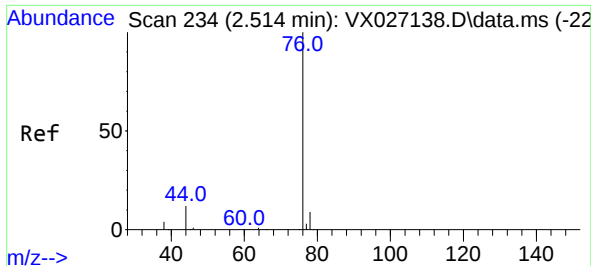
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#16
Acetone
Concen: 263.927 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

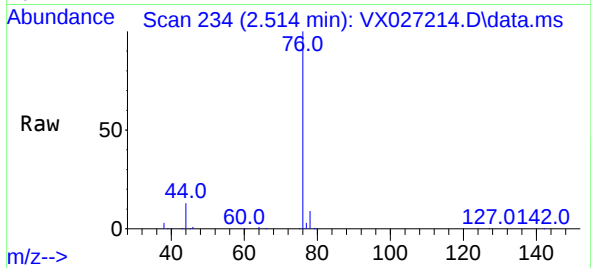
Tgt Ion: 43 Resp: 112547
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6





#17
Carbon Disulfide
Concen: 47.325 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

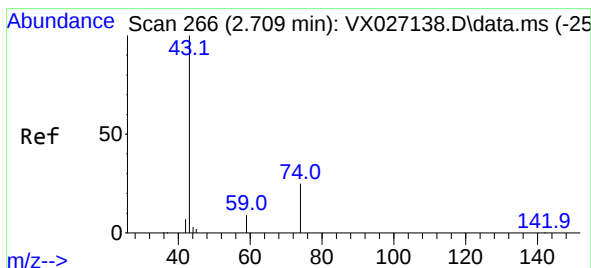
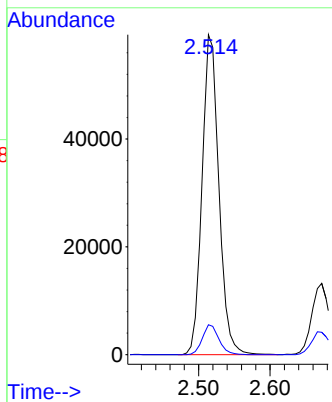
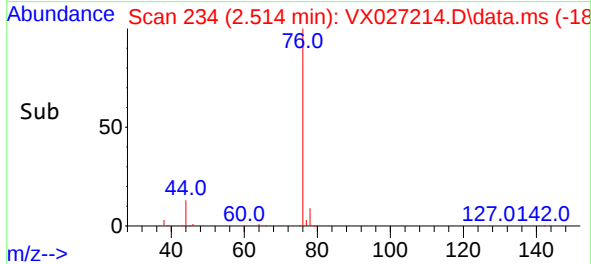
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



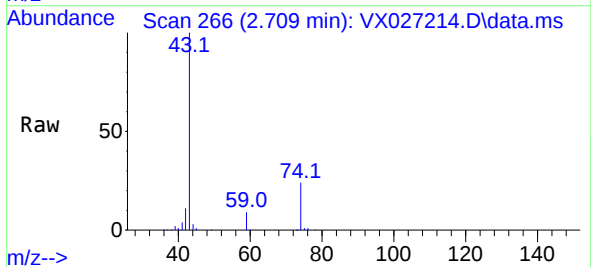
Tgt Ion: 76 Resp: 9688
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

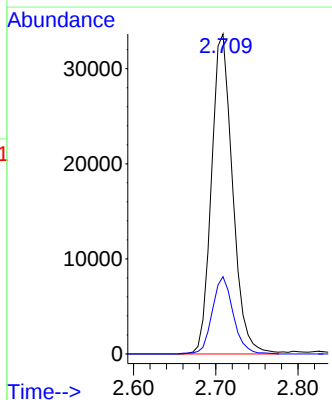
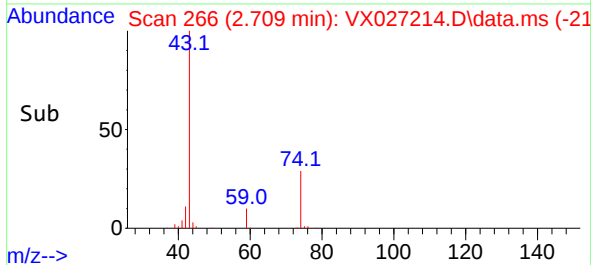
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

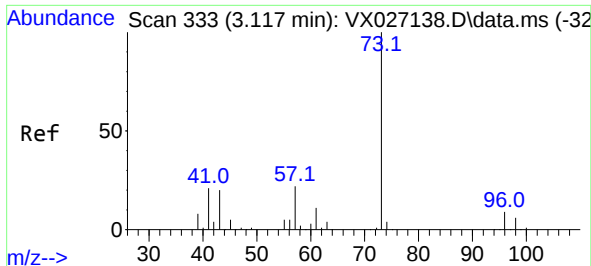


#18
Methyl Acetate
Concen: 54.624 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



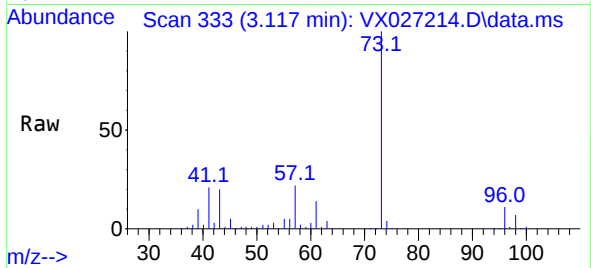
Tgt Ion: 43 Resp: 60123
Ion Ratio Lower Upper
43 100
74 24.0 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 54.658 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

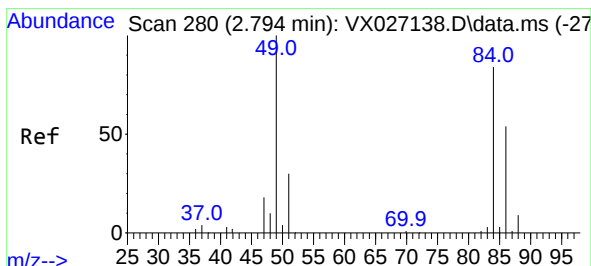
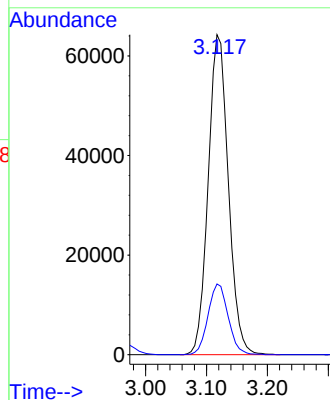
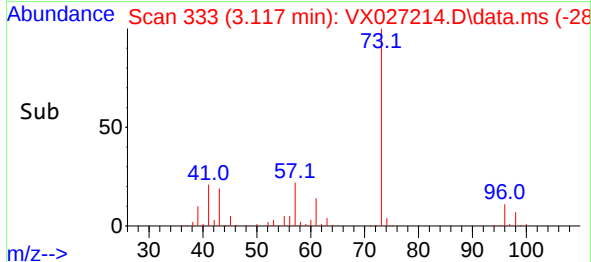
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



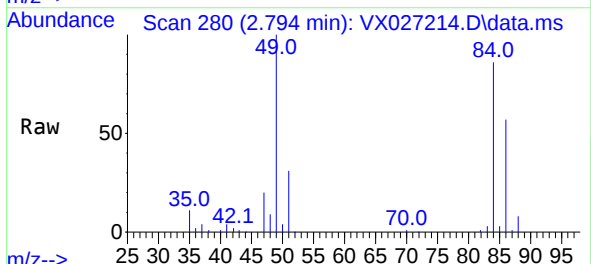
Tgt Ion: 73 Resp: 14765
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

Manual Integrations
APPROVED

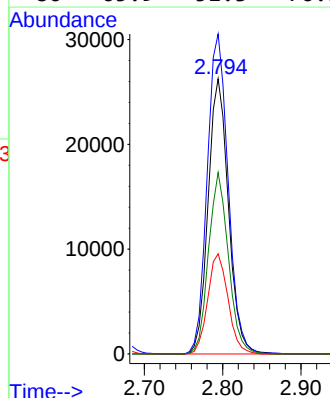
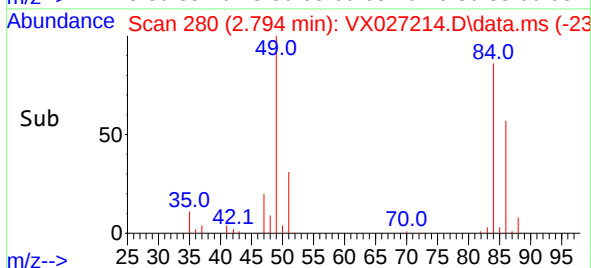
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

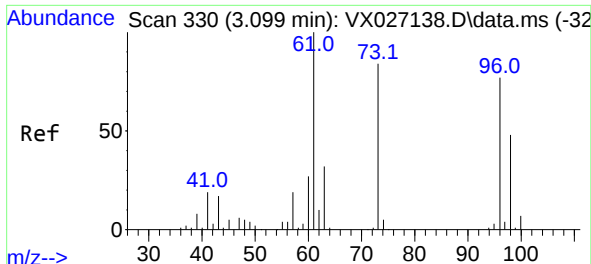


#20
Methylene Chloride
Concen: 53.623 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



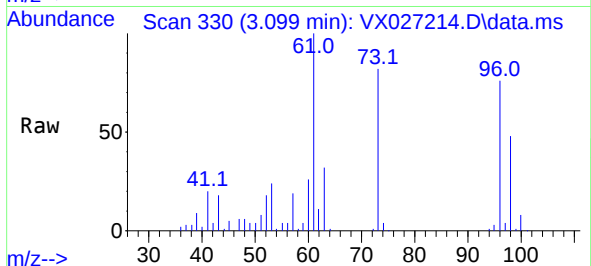
Tgt Ion: 84 Resp: 47395
Ion Ratio Lower Upper
84 100
49 116.3 101.5 152.3
51 36.4 31.2 46.8
86 65.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 54.384 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

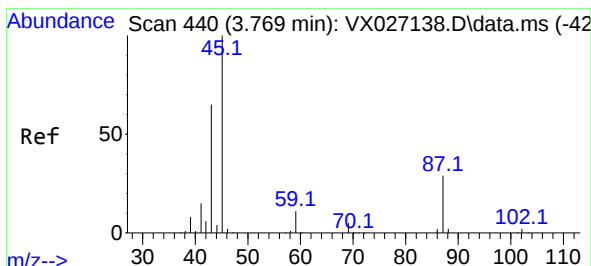
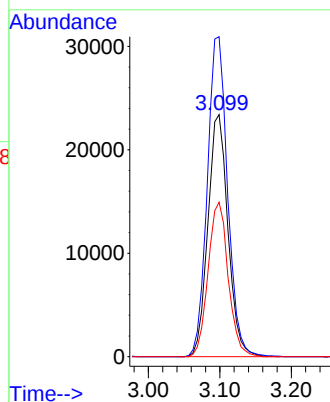
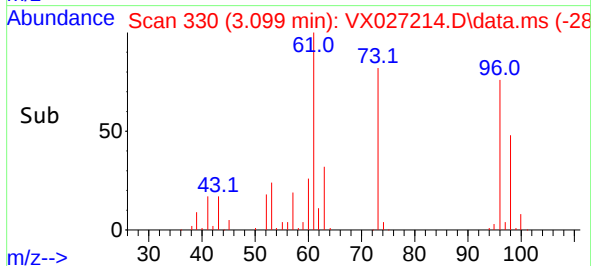
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



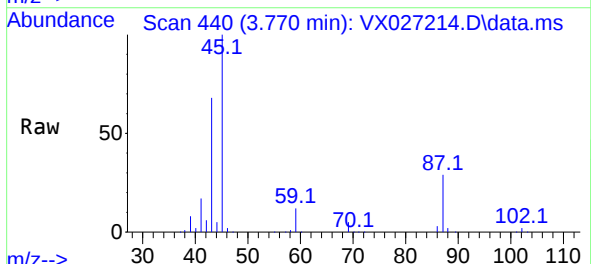
Tgt Ion: 96 Resp: 4566
Ion Ratio Lower Upper
96 100
61 132.2 112.9 169.3
98 63.8 49.5 74.3

Manual Integrations
APPROVED

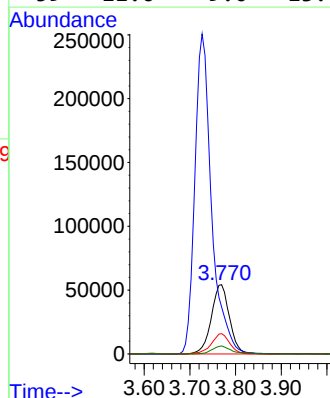
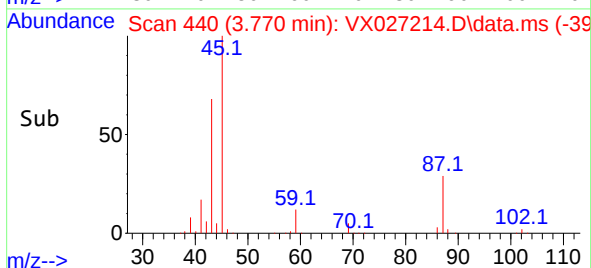
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

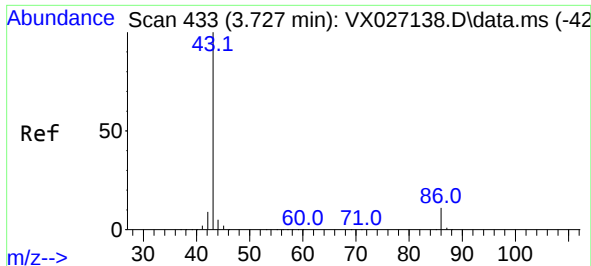


#22
Diisopropyl ether
Concen: 55.247 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



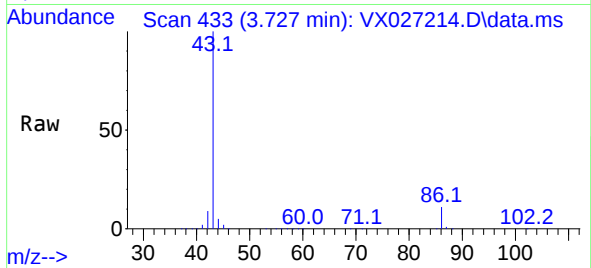
Tgt Ion: 45 Resp: 149291
Ion Ratio Lower Upper
45 100
43 67.2 60.6 91.0
87 29.3 22.0 33.0
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 279.327 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX027214.D
 Acq: 26 Feb 2022 01:51

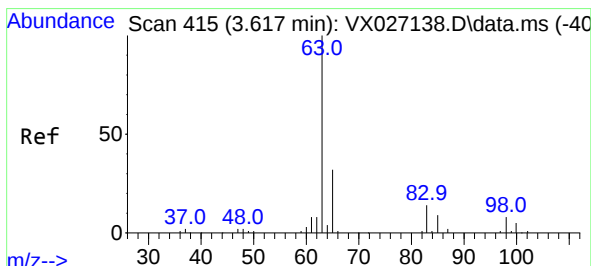
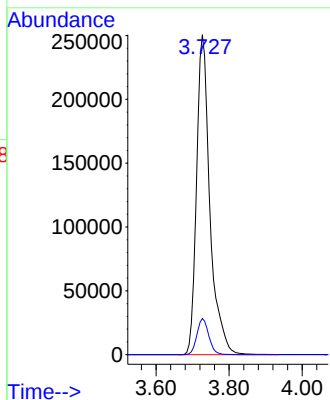
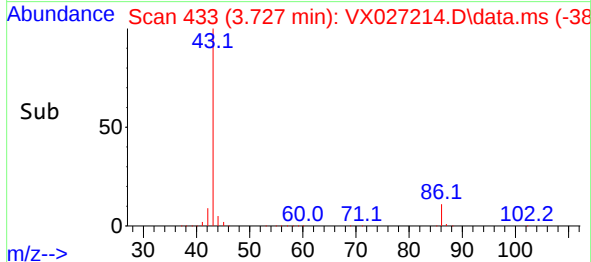
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



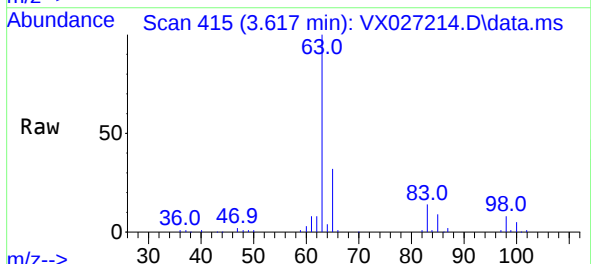
Tgt Ion: 43 Resp: 637404
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.1 12.1

Manual Integrations
 APPROVED

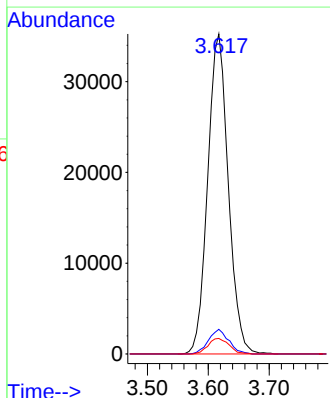
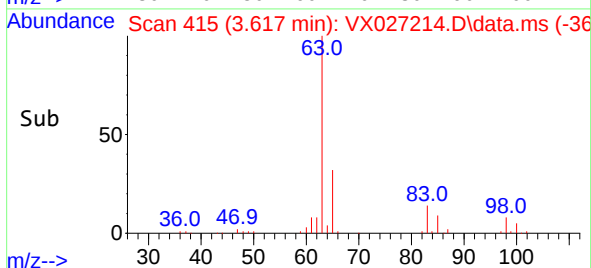
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

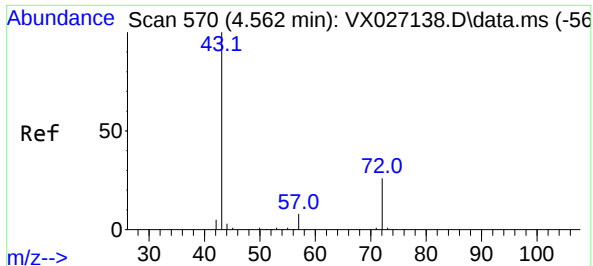


#24
 1,1-Dichloroethane
 Concen: 54.148 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX027214.D
 Acq: 26 Feb 2022 01:51



Tgt Ion: 63 Resp: 82717
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 268.420 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18228

Ion Ratio Lower Upper

43 100

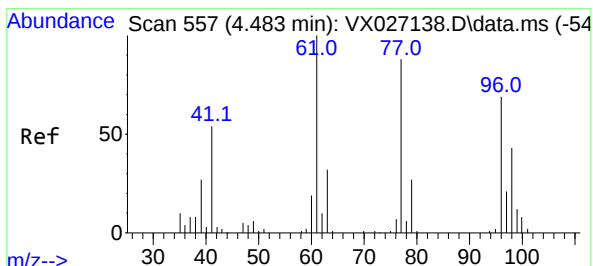
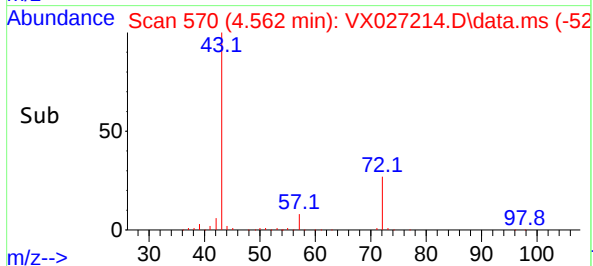
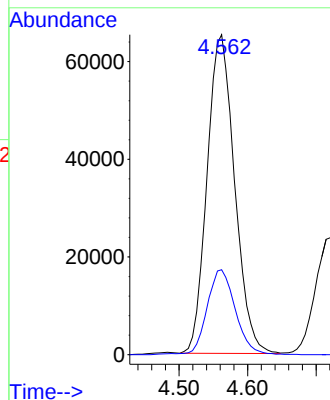
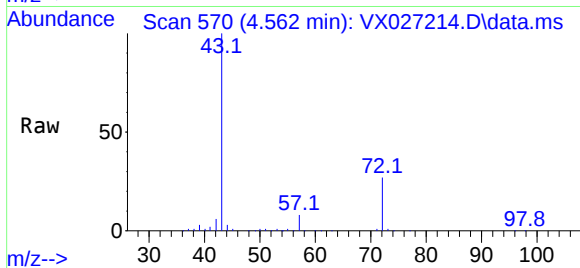
72 26.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#26

2,2-Dichloropropane

Concen: 41.347 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX027214.D

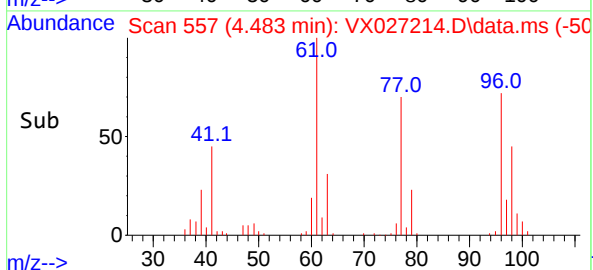
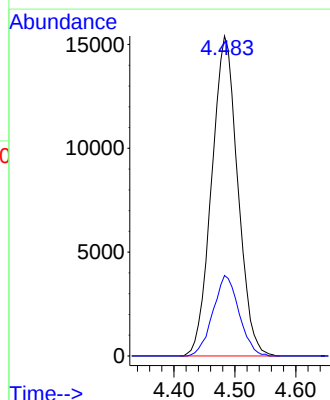
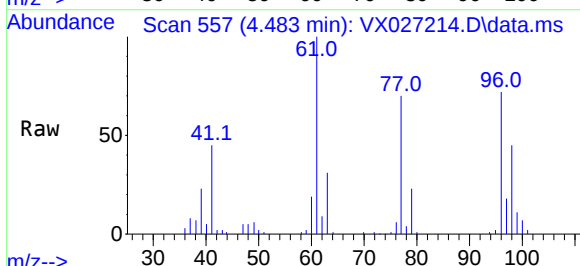
Acq: 26 Feb 2022 01:51

Tgt Ion: 77 Resp: 45821

Ion Ratio Lower Upper

77 100

97 25.2 11.0 33.0





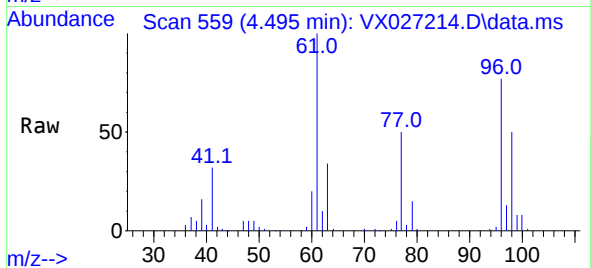
#27
cis-1,2-Dichloroethene
Concen: 54.748 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



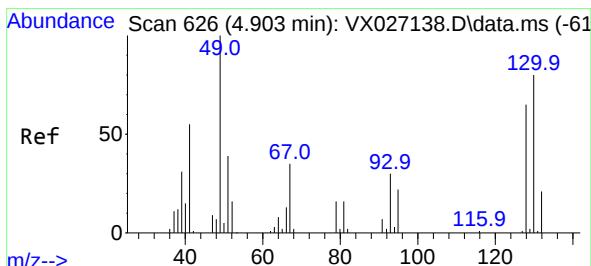
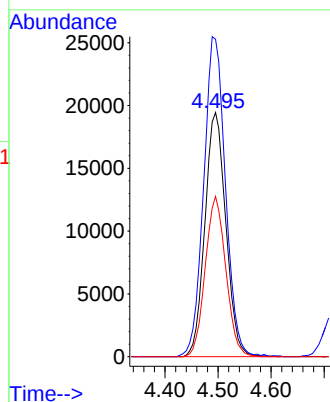
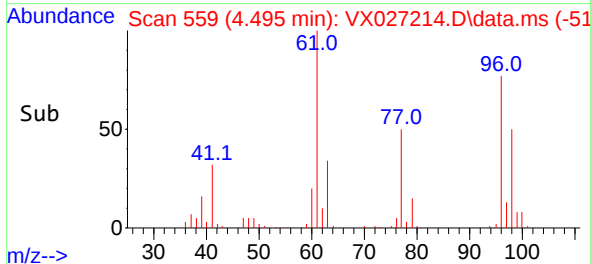
Tgt Ion: 96 Resp: 53308
Ion Ratio Lower Upper
96 100
61 136.2 0.0 296.6
98 64.5 0.0 128.8

Manual Integrations

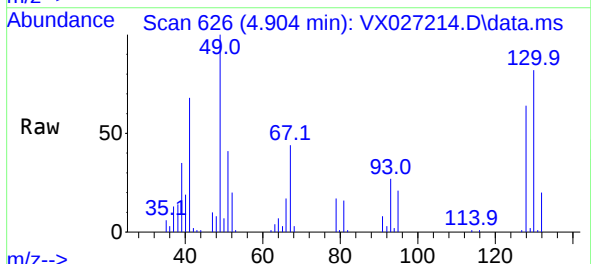
APPROVED

Reviewed By :John Carlone 02/28/2022

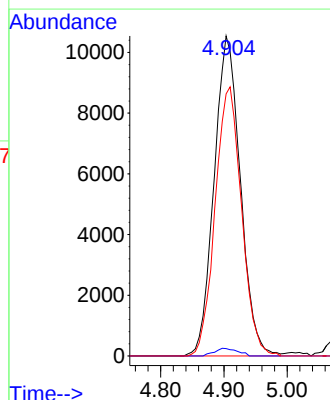
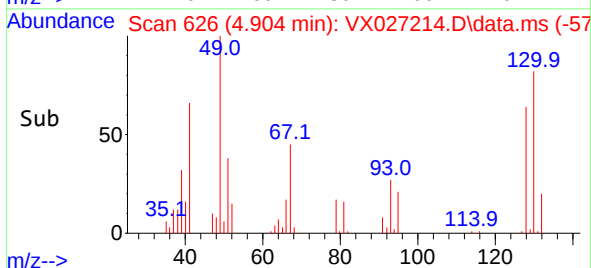
Supervised By :Mahesh Dadoda 02/28/2022

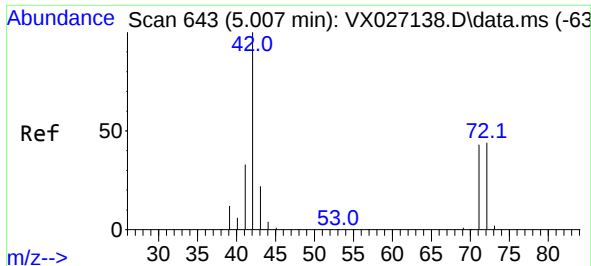


#28
Bromochloromethane
Concen: 49.137 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.001 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



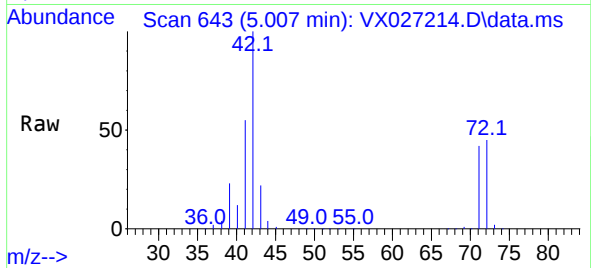
Tgt Ion: 49 Resp: 30367
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 84.6 62.4 93.6





#29
Tetrahydrofuran
Concen: 267.903 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

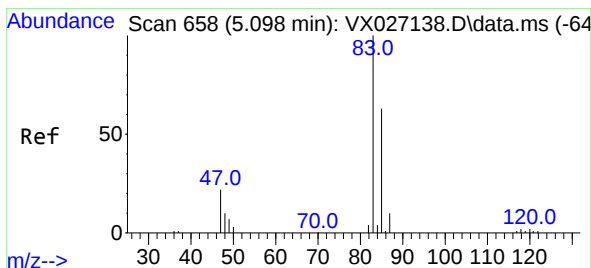
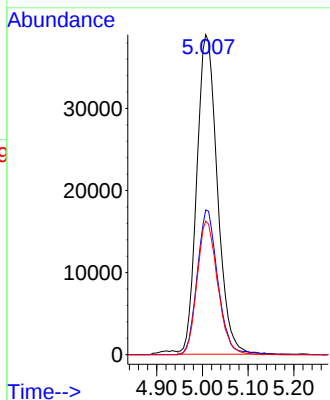
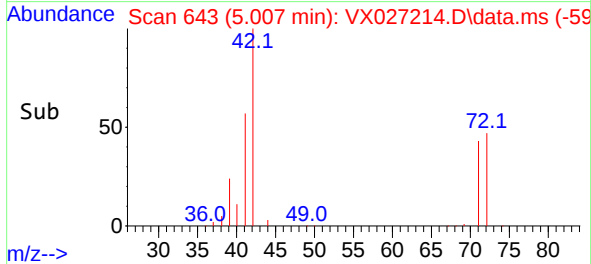
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 12176
Ion Ratio Lower Upper
42 100
72 45.4 34.6 52.0
71 41.9 31.8 47.8

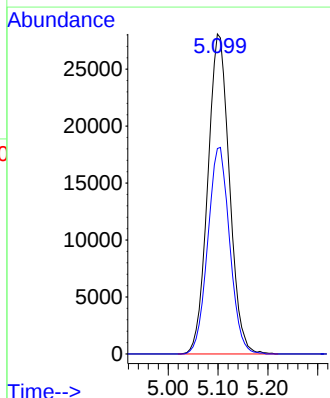
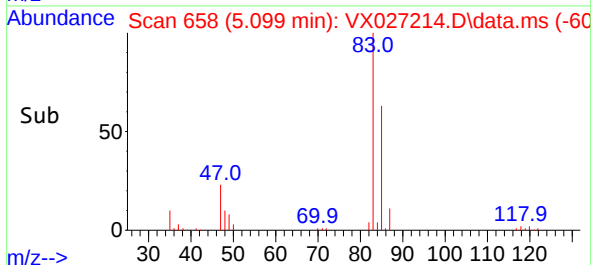
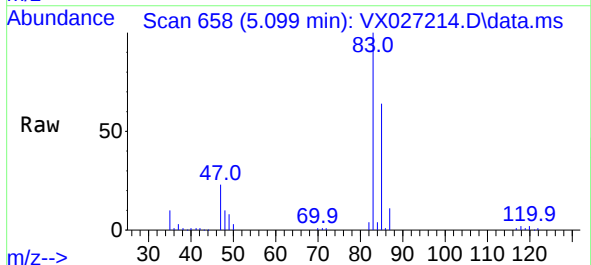
Manual Integrations
APPROVED

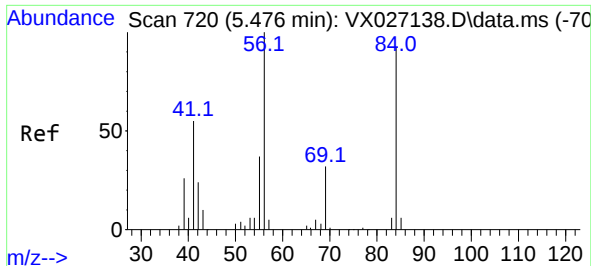
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#30
Chloroform
Concen: 53.334 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.001 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

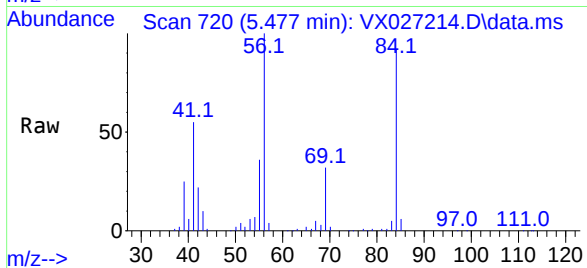
Tgt Ion: 83 Resp: 84623
Ion Ratio Lower Upper
83 100
85 64.2 51.6 77.4





#31
Cyclohexane
Concen: 52.564 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

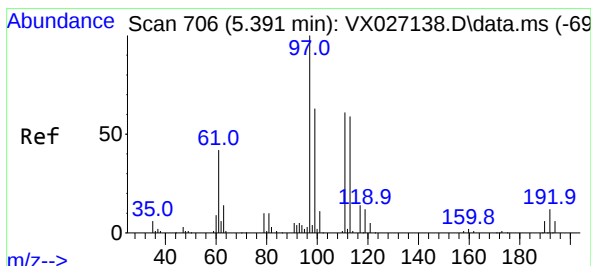
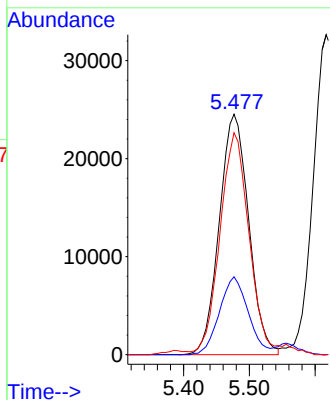
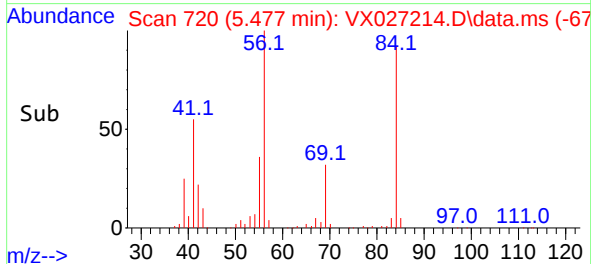
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



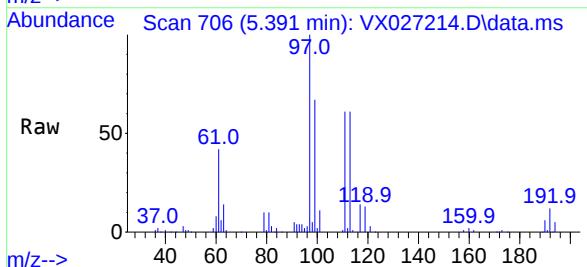
Tgt Ion: 56 Resp: 76459
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.6
84 90.6 68.9 103.3

Manual Integrations
APPROVED

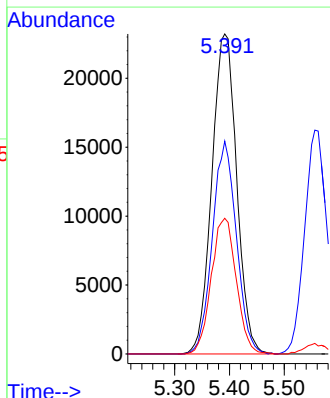
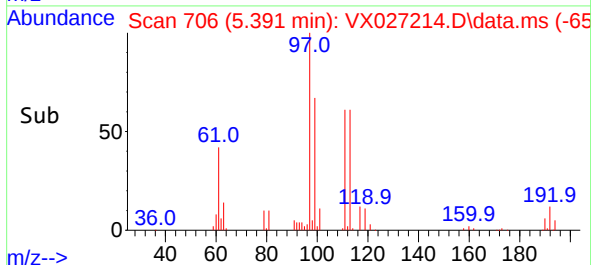
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

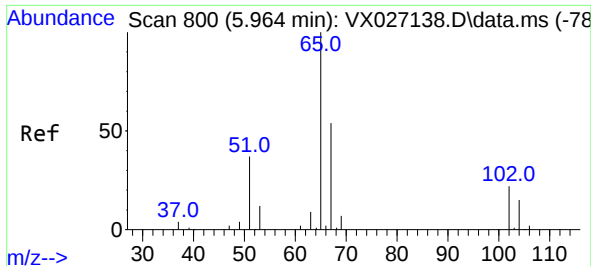


#32
1,1,1-Trichloroethane
Concen: 53.162 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 97 Resp: 73020
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 42.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.416 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 48960

Ion Ratio Lower Upper

65 100

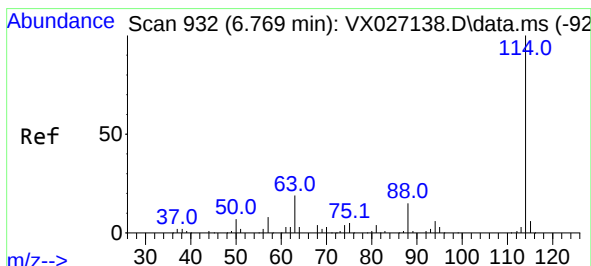
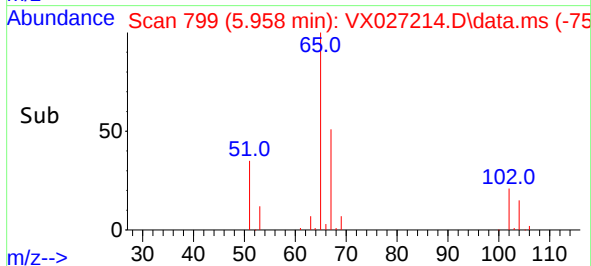
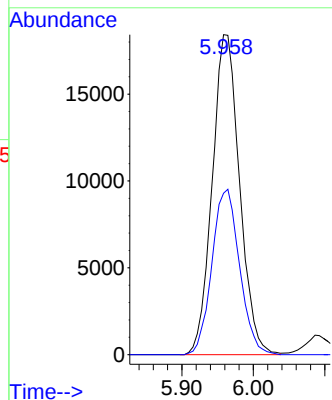
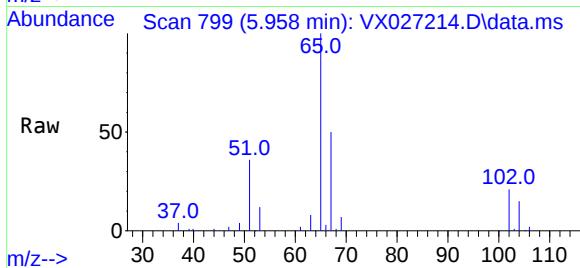
67 52.2 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

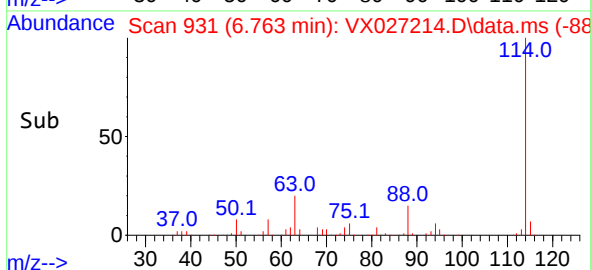
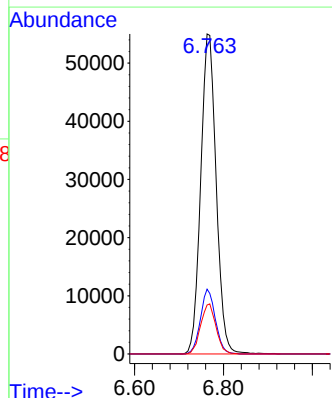
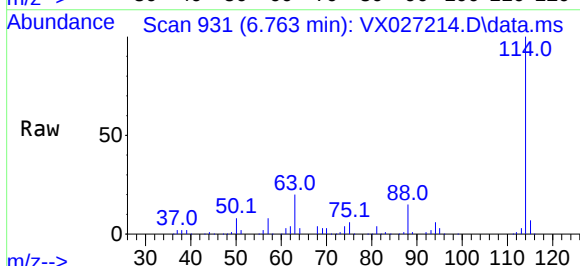
Tgt Ion:114 Resp: 133387

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

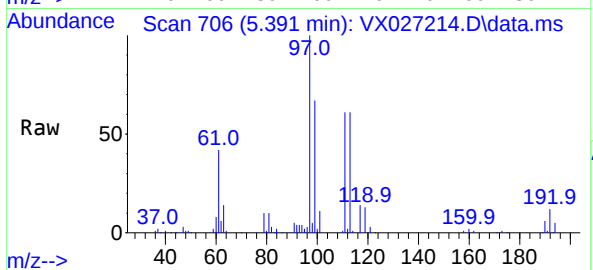
88 15.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.527 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

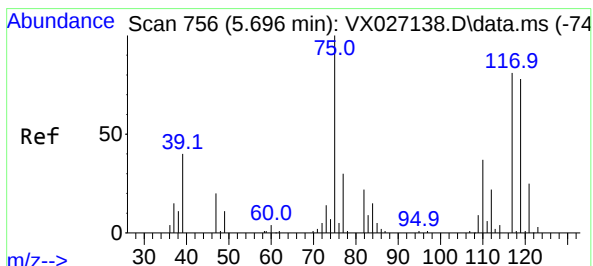
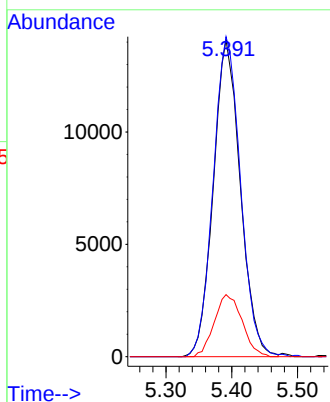
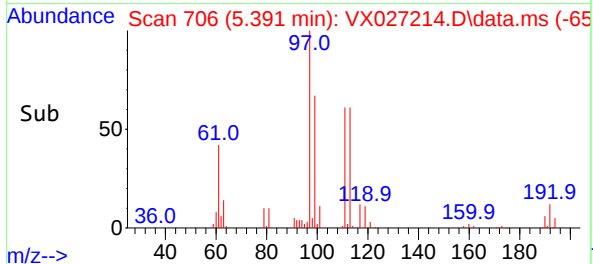
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



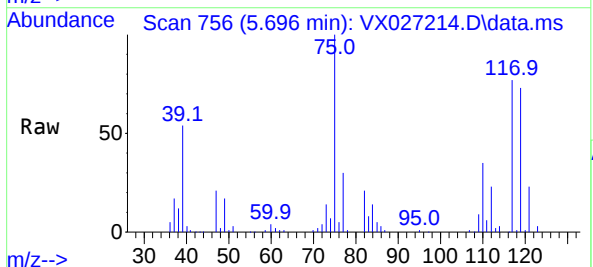
Tgt Ion:113 Resp: 40178
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 20.3 15.0 22.4

Manual Integrations
APPROVED

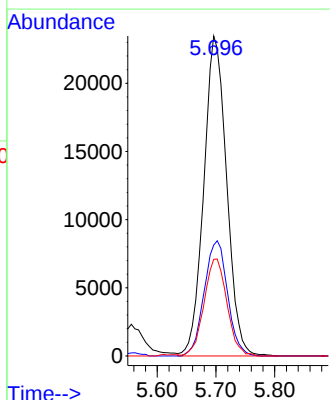
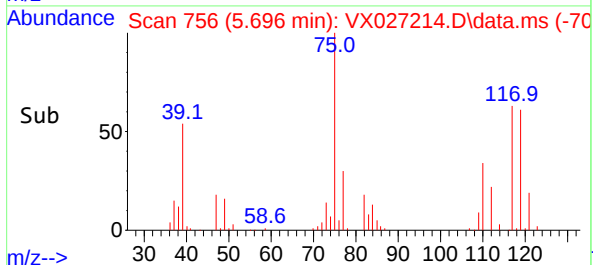
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

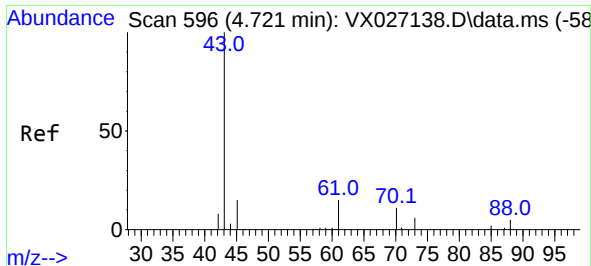


#36
1,1-Dichloropropene
Concen: 52.503 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



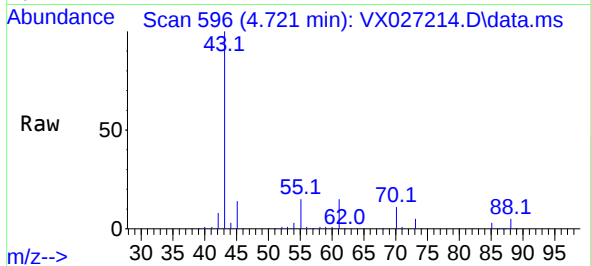
Tgt Ion: 75 Resp: 63442
Ion Ratio Lower Upper
75 100
110 36.7 17.2 51.6
77 30.5 24.6 36.8





#37
Ethyl Acetate
Concen: 52.649 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

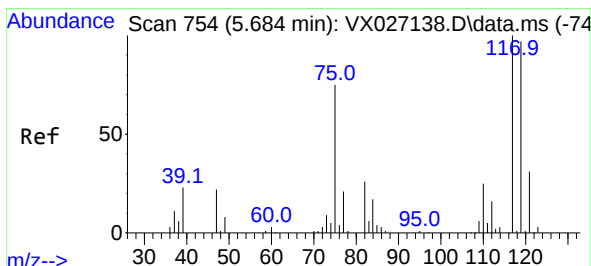
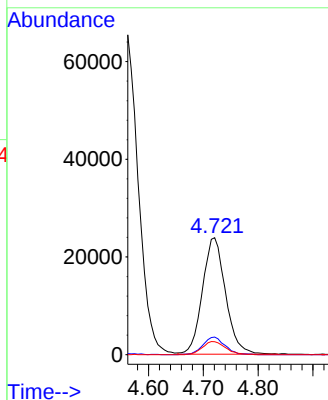
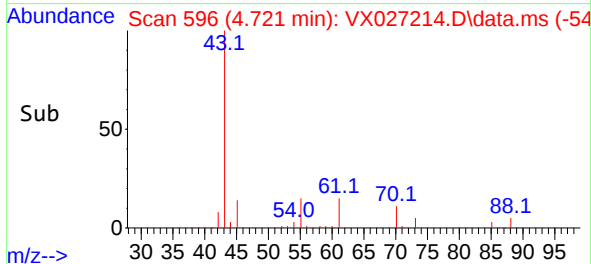
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69849
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.3 8.5 12.7

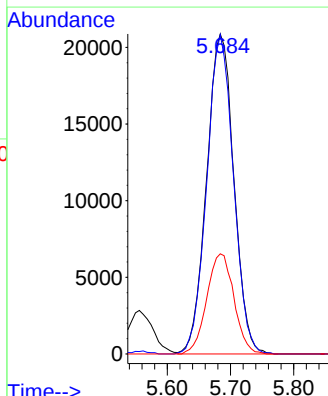
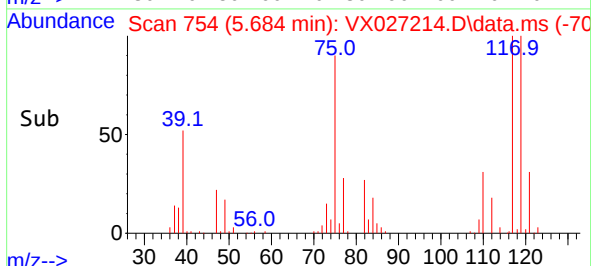
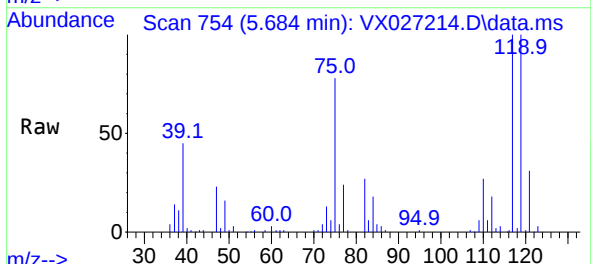
Manual Integrations
APPROVED

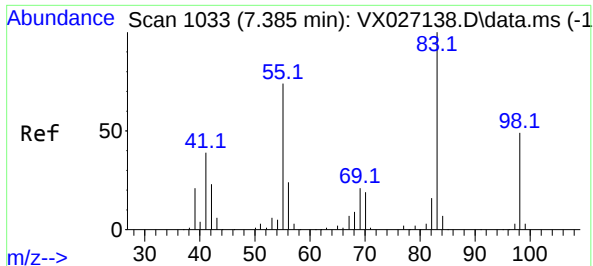
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#38
Carbon Tetrachloride
Concen: 49.575 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion:117 Resp: 62477
Ion Ratio Lower Upper
117 100
119 99.8 74.7 112.1
121 31.3 25.4 38.0





#39

Methylcyclohexane

Concen: 51.242 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7702

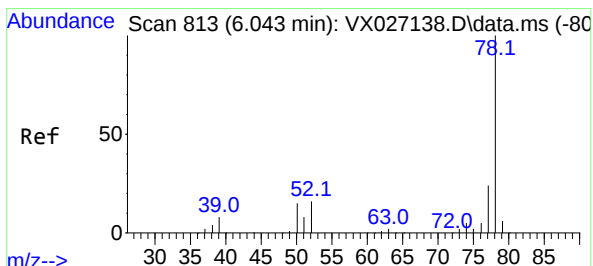
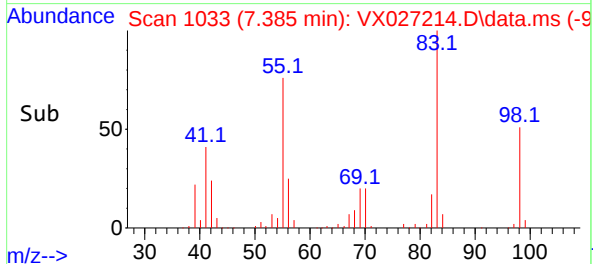
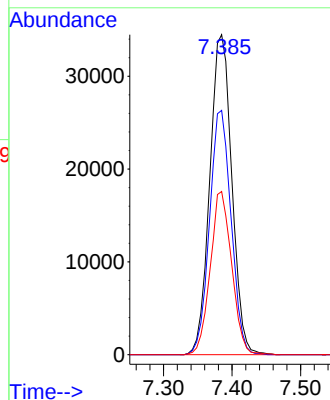
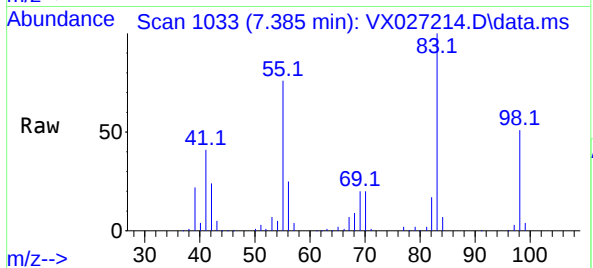
Ion	Ratio	Lower	Upper
83	100		
55	76.3	63.6	95.4
98	51.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#40

Benzene

Concen: 52.944 ug/l

RT: 6.044 min Scan# 813

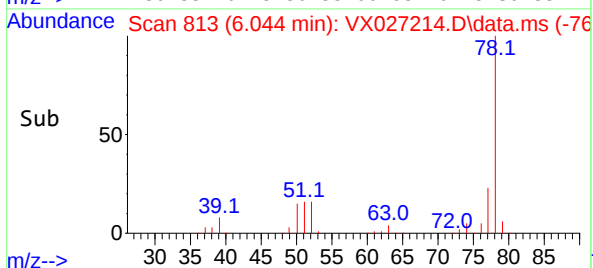
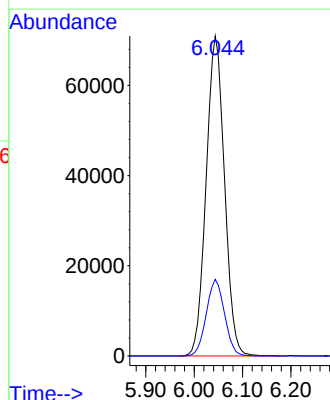
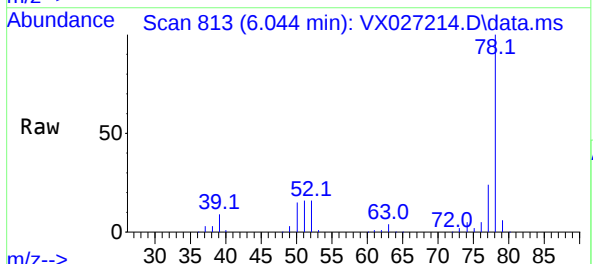
Delta R.T. 0.001 min

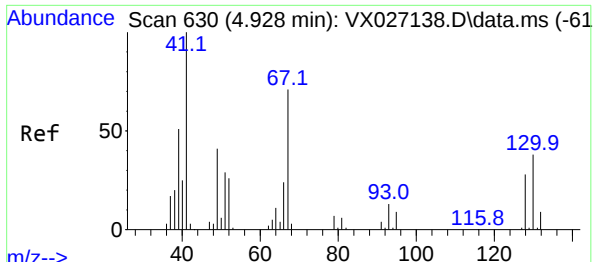
Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Tgt Ion: 78 Resp: 187083

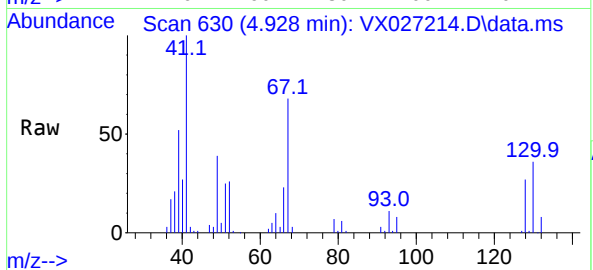
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





#41
Methacrylonitrile
Concen: 54.160 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

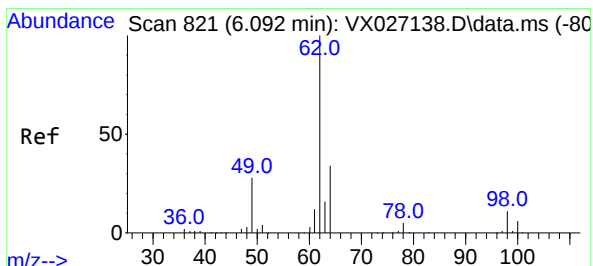
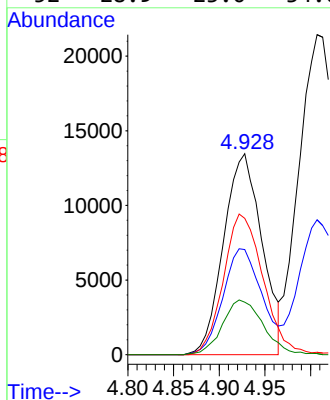
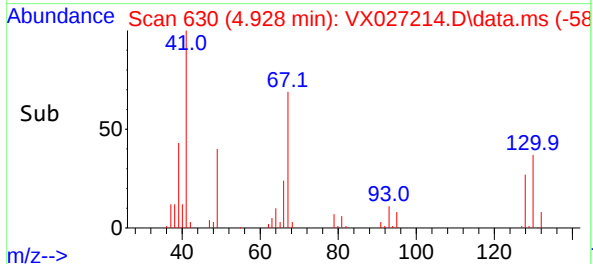


Tgt Ion: 41 Resp: 3941

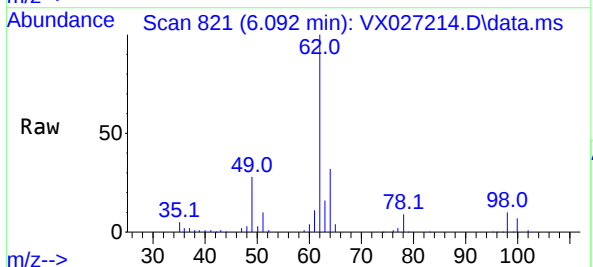
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.4	68.0
67	72.3	53.2	79.8
52	28.9	23.0	34.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

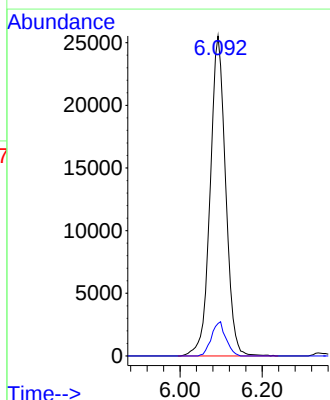
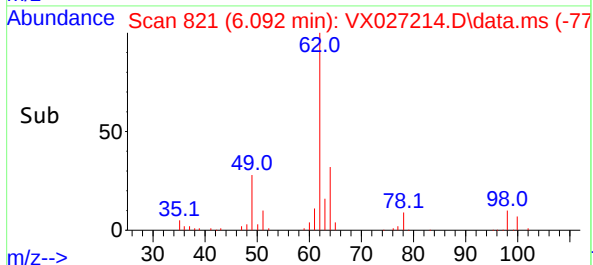


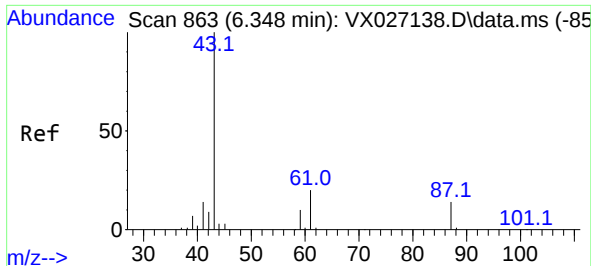
#42
1,2-Dichloroethane
Concen: 53.291 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 62 Resp: 66805

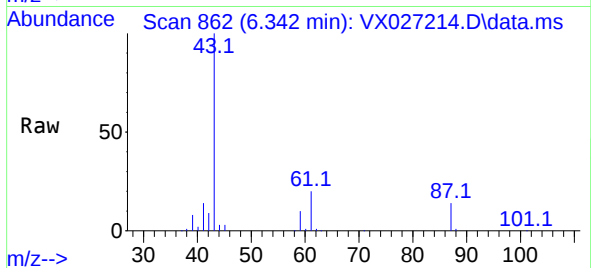
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.8





#43
Isopropyl Acetate
Concen: 54.041 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

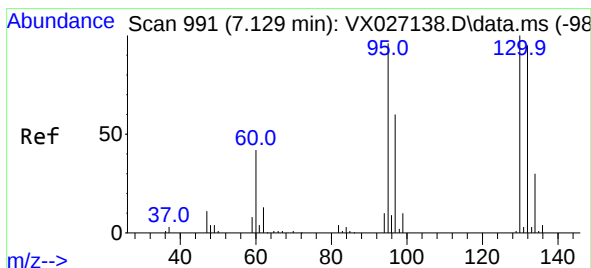
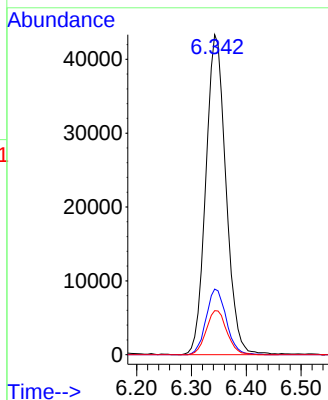
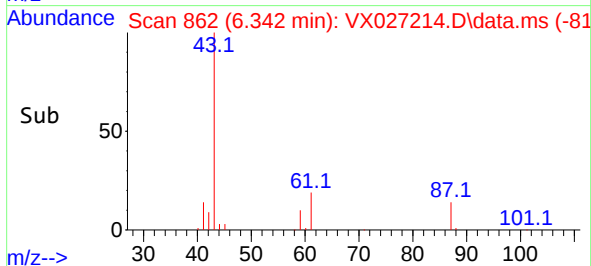
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11029
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.0
87 14.1 10.2 15.2

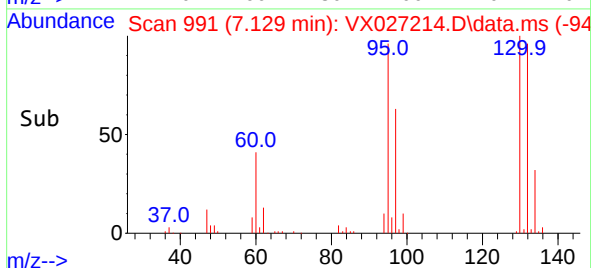
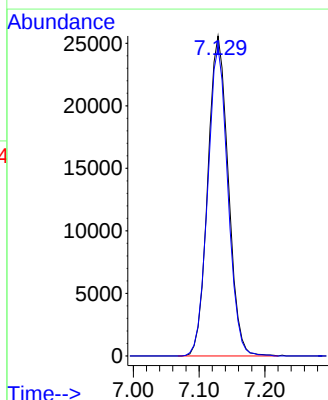
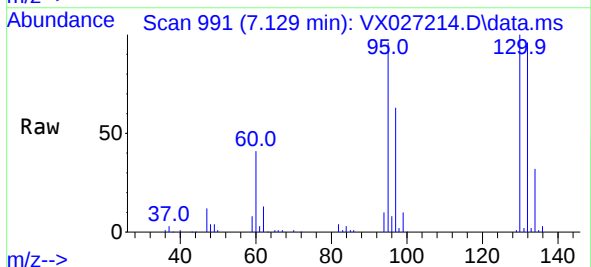
Manual Integrations
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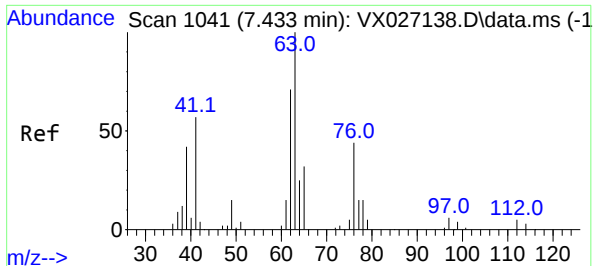
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#44
Trichloroethene
Concen: 52.401 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion:130 Resp: 55391
Ion Ratio Lower Upper
130 100
95 96.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 54.675 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 47200

Ion Ratio Lower Upper

63 100

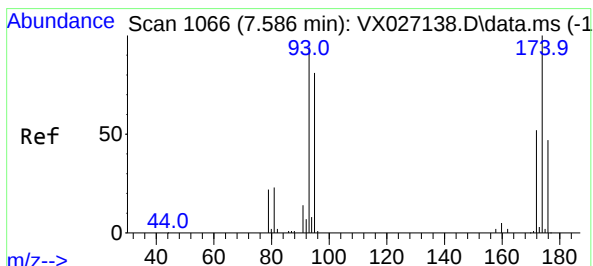
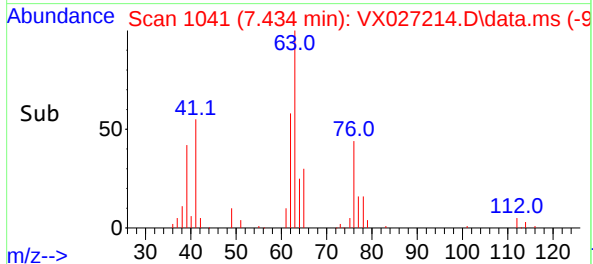
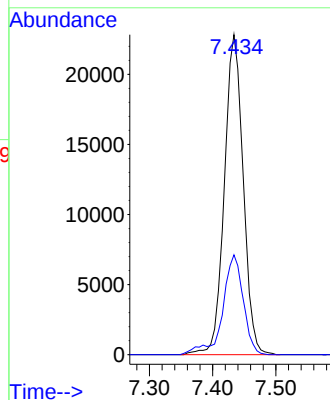
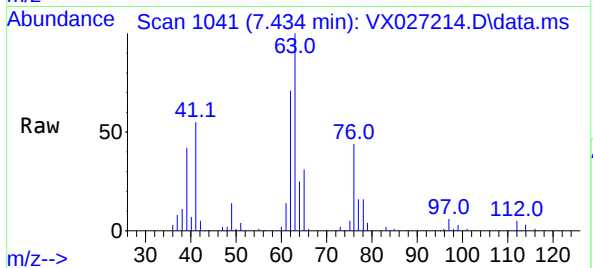
65 31.2 23.8 35.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#46

Dibromomethane

Concen: 53.659 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

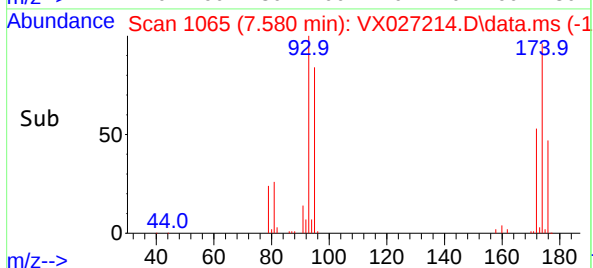
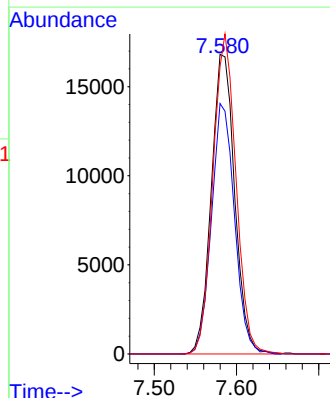
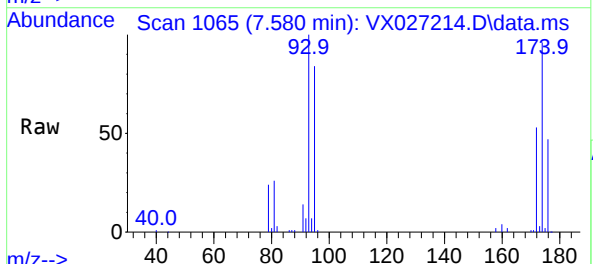
Tgt Ion: 93 Resp: 33276

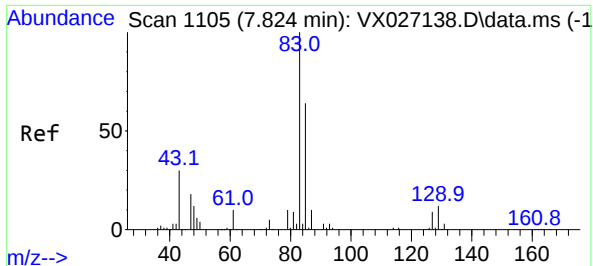
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 104.9 78.7 118.1





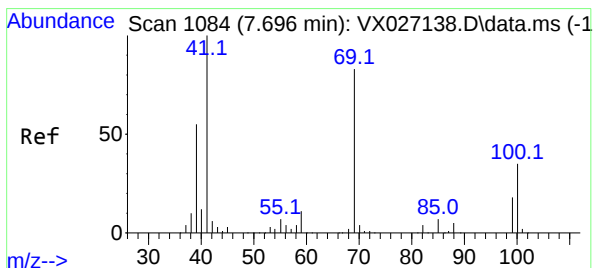
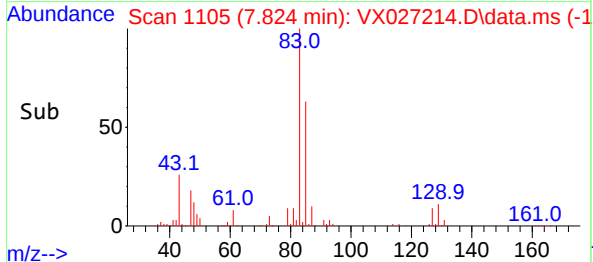
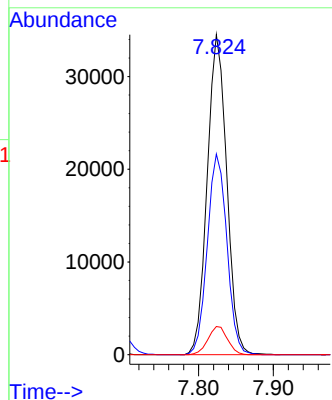
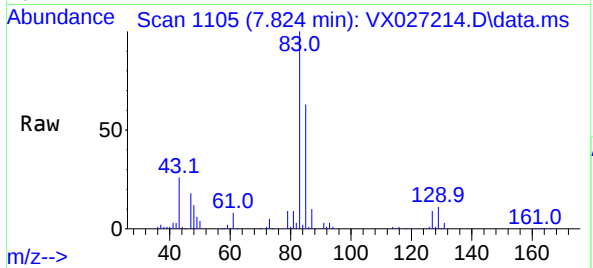
#47
Bromodichloromethane
Concen: 51.663 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 6253
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 8.8 6.9 10.3

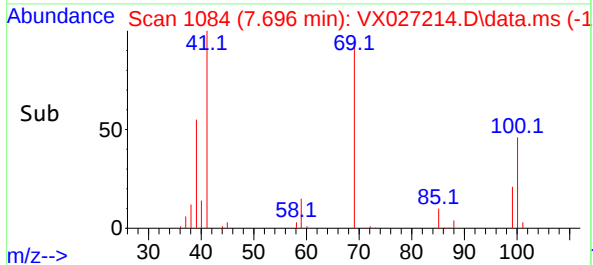
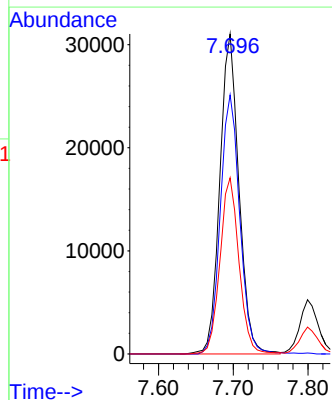
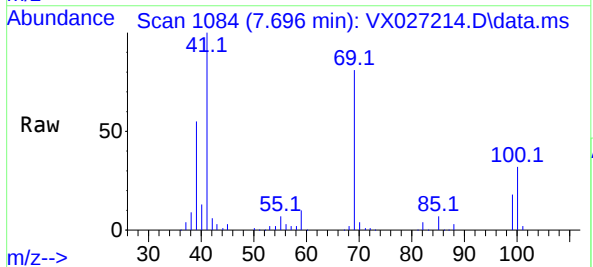
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#48
Methyl methacrylate
Concen: 55.789 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion: 41 Resp: 55114
Ion Ratio Lower Upper
41 100
69 82.6 62.2 93.4
39 54.9 45.4 68.0





#49

1,4-Dioxane

Concen: 966.810 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

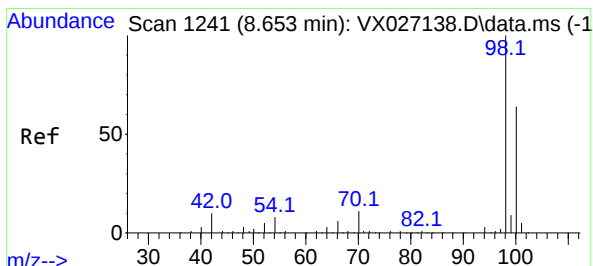
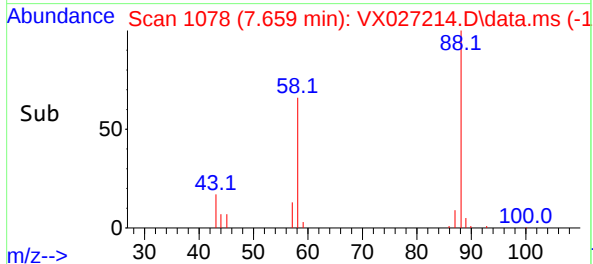
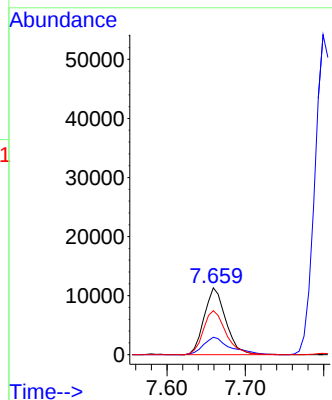
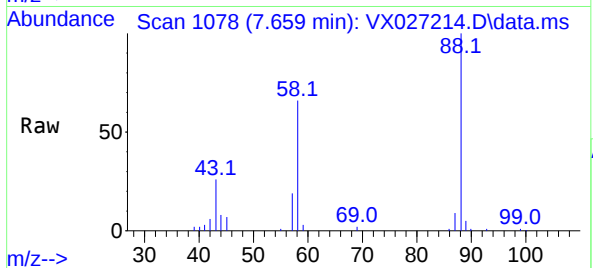
Tgt Ion: 88 Resp: 21592
 Ion Ratio Lower Upper
 88 100
 43 32.2 29.9 44.9
 58 69.0 57.8 86.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#50

Toluene-d8

Concen: 48.930 ug/l

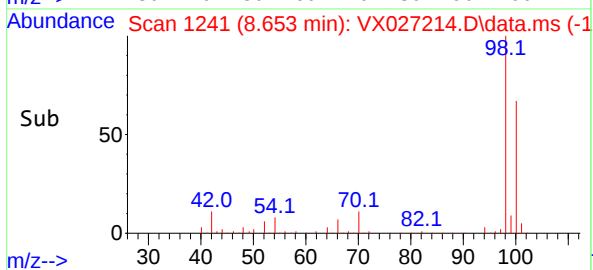
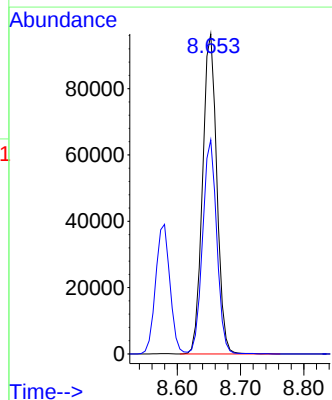
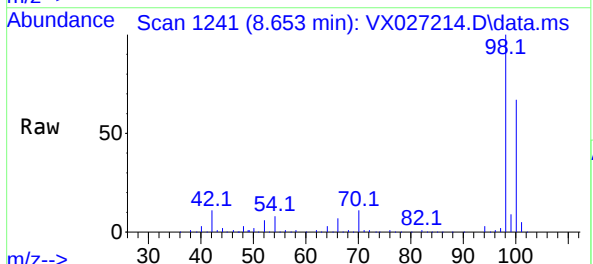
RT: 8.653 min Scan# 1241

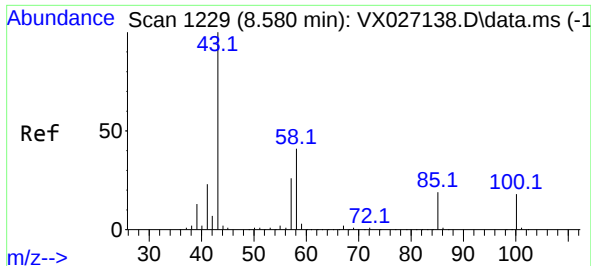
Delta R.T. -0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Tgt Ion: 98 Resp: 151478
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.2 79.8





#51
4-Methyl-2-Pentanone
Concen: 269.280 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

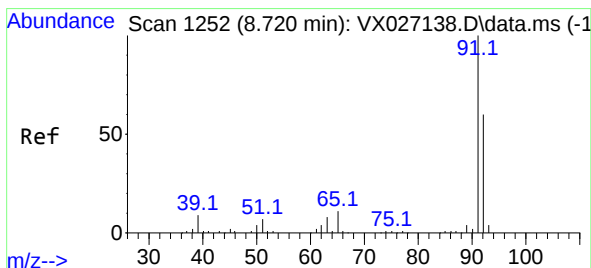
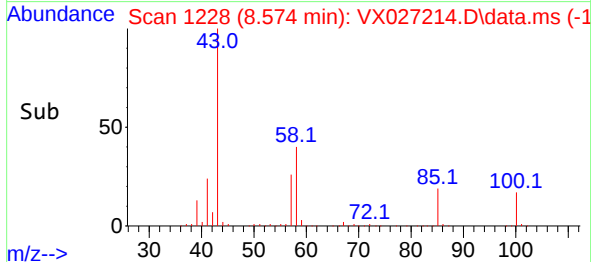
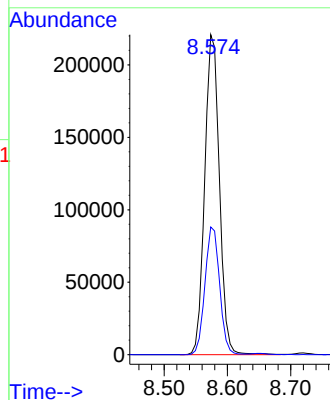
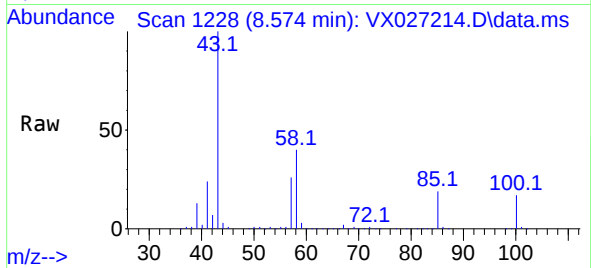
VSTDCCC050EC

Tgt Ion: 43 Resp: 357204
Ion Ratio Lower Upper
43 100
58 39.8 30.5 45.7

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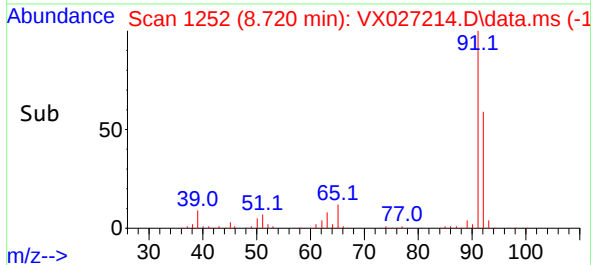
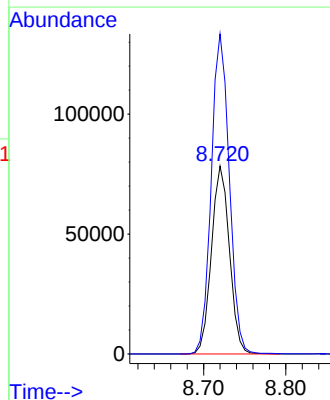
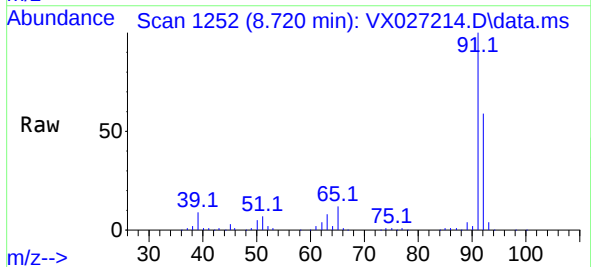
APPROVED

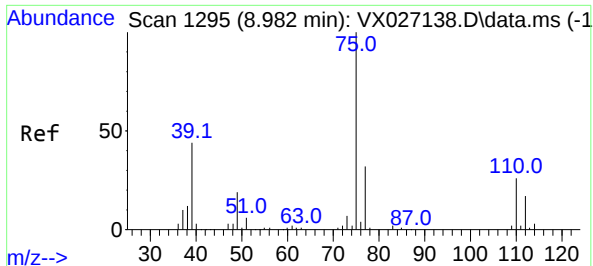
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#52
Toluene
Concen: 52.651 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion: 92 Resp: 119133
Ion Ratio Lower Upper
92 100
91 171.1 135.7 203.5





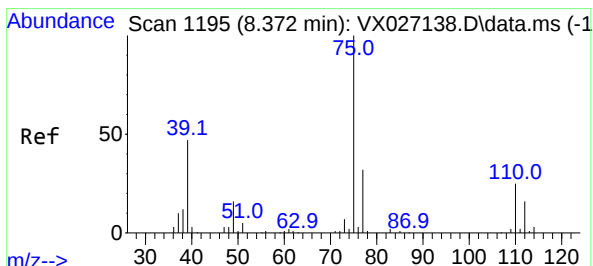
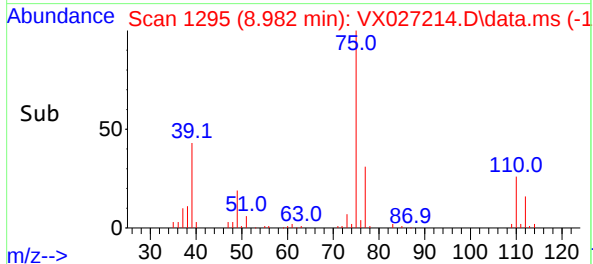
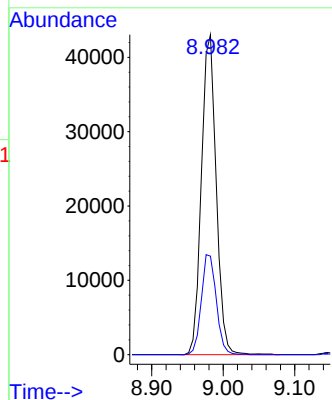
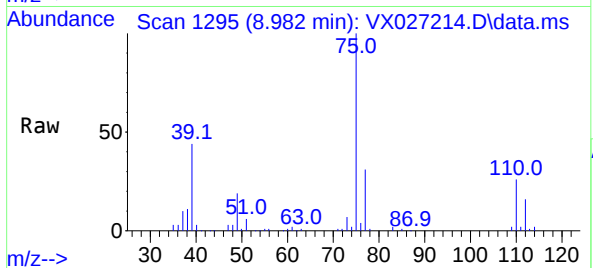
#53
t-1,3-Dichloropropene
Concen: 45.430 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6182
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

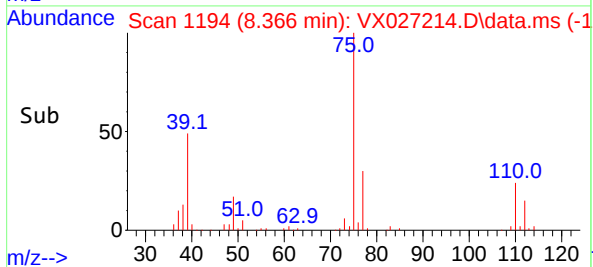
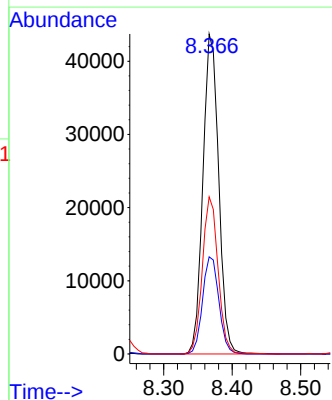
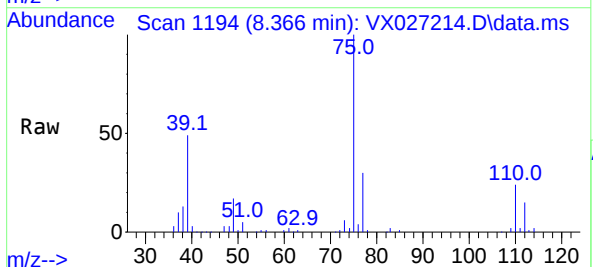
Manual Integrations
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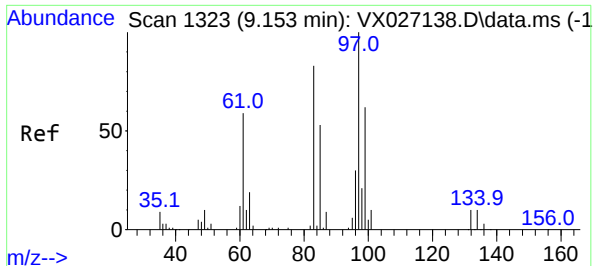
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#54
cis-1,3-Dichloropropene
Concen: 51.915 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

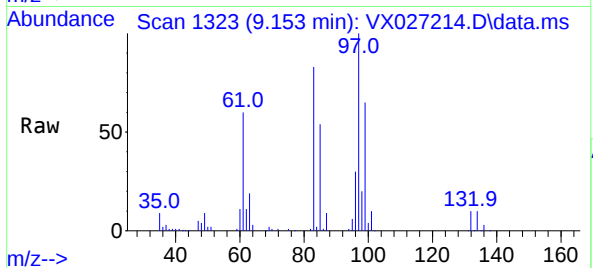
Tgt Ion: 75 Resp: 70143
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.2
39 49.1 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 54.324 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

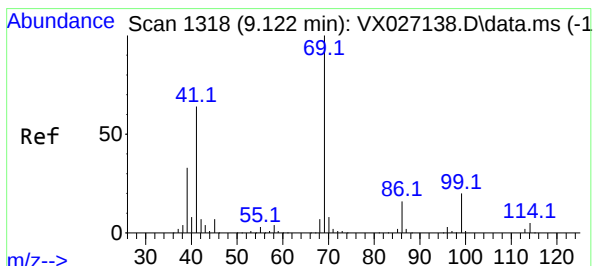
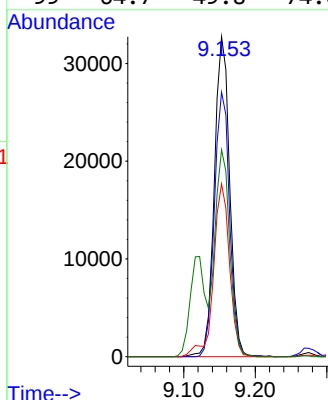
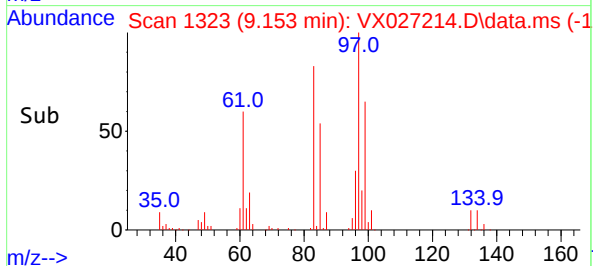


Tgt Ion: 97 Resp: 4868

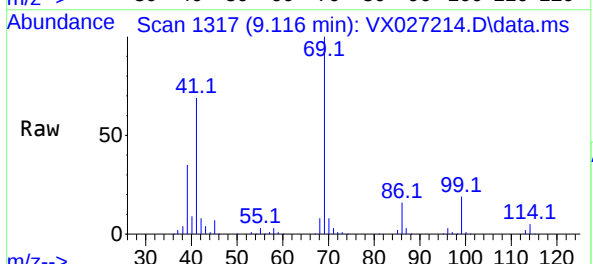
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.4	102.6
85	54.0	44.0	66.0
99	64.7	49.8	74.6

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Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

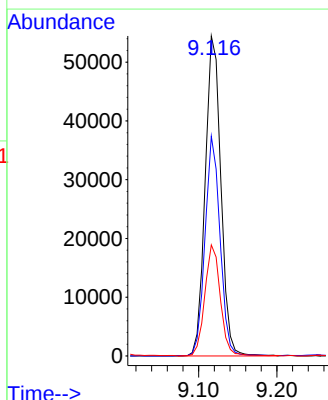
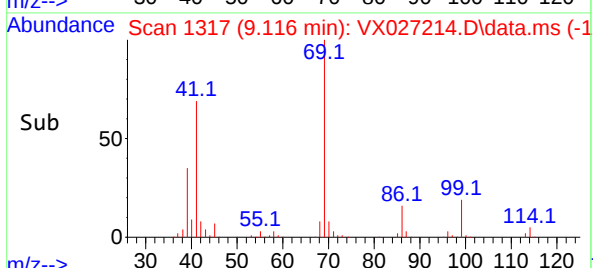


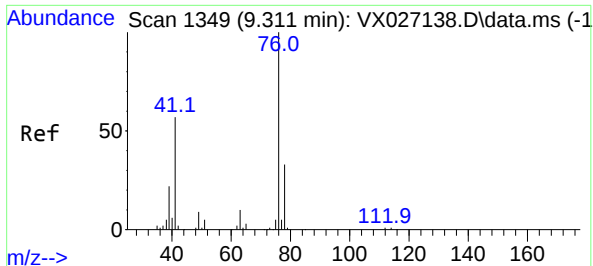
#56
Ethyl methacrylate
Concen: 54.176 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 69 Resp: 75591

Ion	Ratio	Lower	Upper
69	100		
41	66.0	57.2	85.8
39	34.6	30.9	46.3





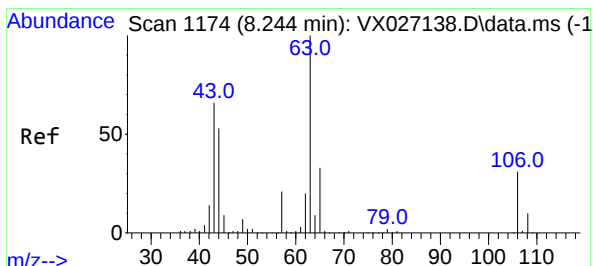
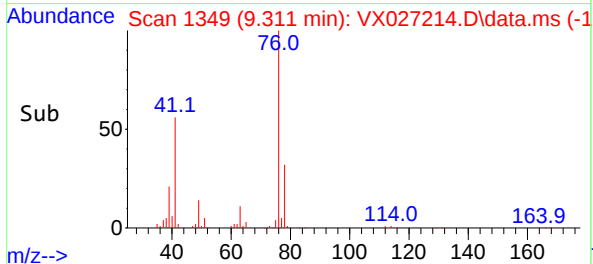
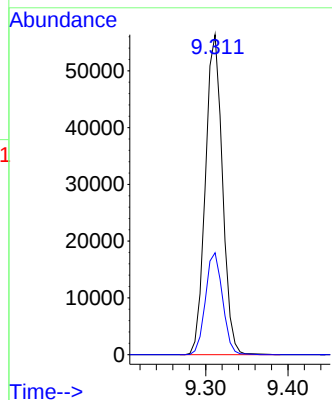
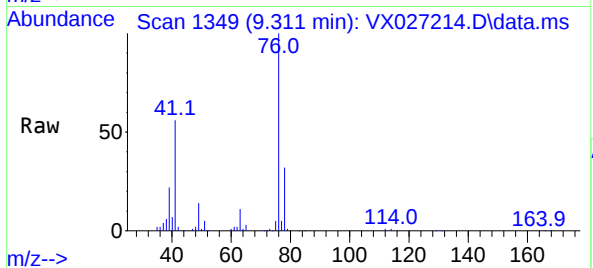
#57
1,3-Dichloropropane
Concen: 54.370 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 81045
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

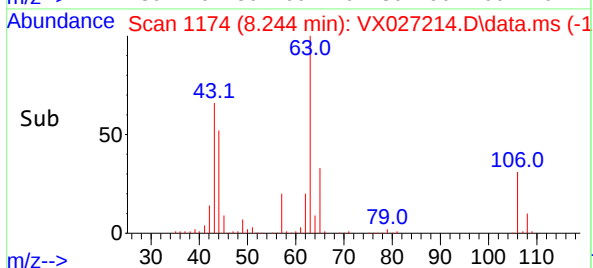
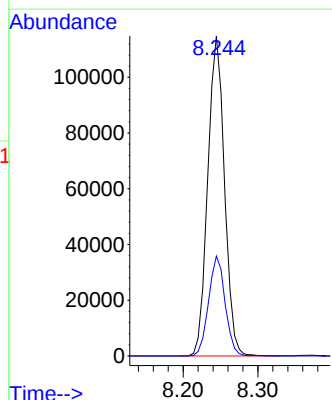
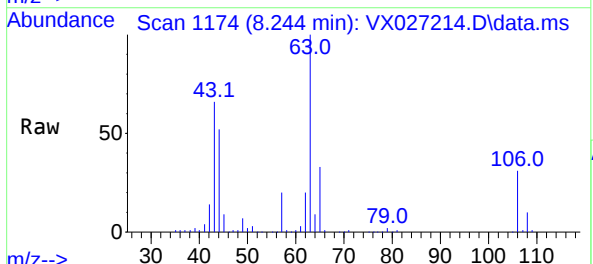
Manual Integrations
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Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 265.106 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion: 63 Resp: 178298
Ion Ratio Lower Upper
63 100
106 30.8 23.0 34.6





#59

2-Hexanone

Concen: 266.287 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 269970

Ion Ratio Lower Upper

43 100

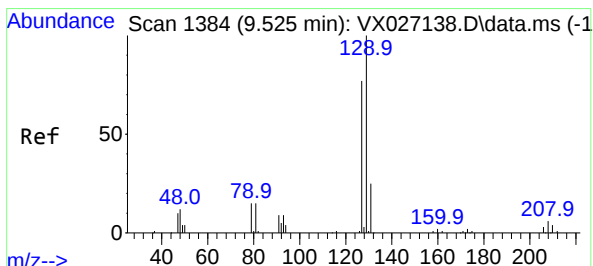
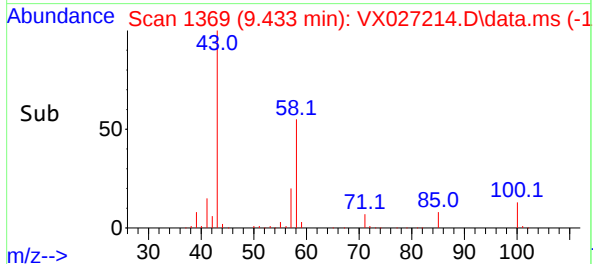
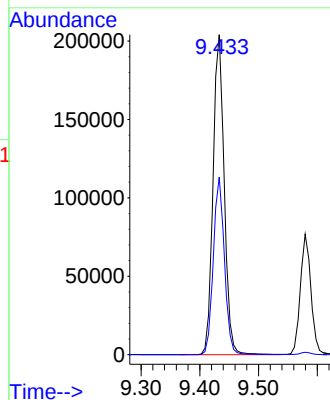
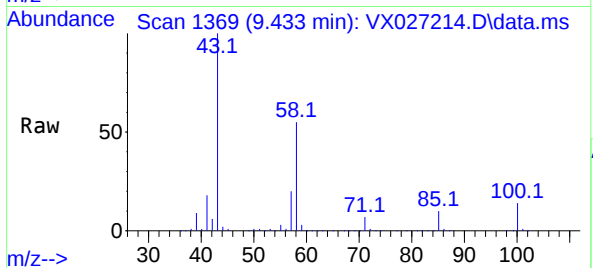
58 55.1 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#60

Dibromochloromethane

Concen: 51.524 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX027214.D

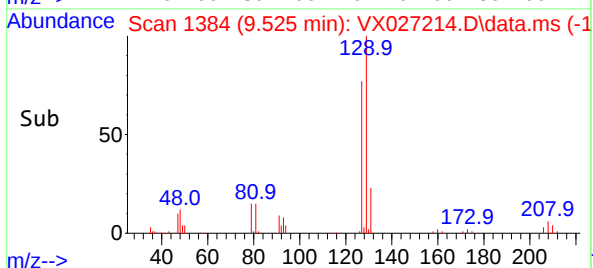
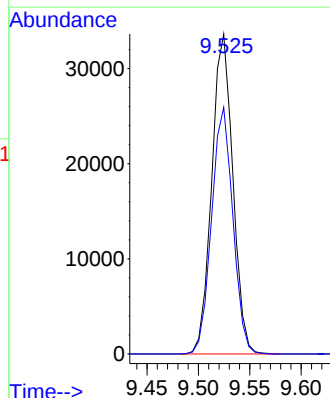
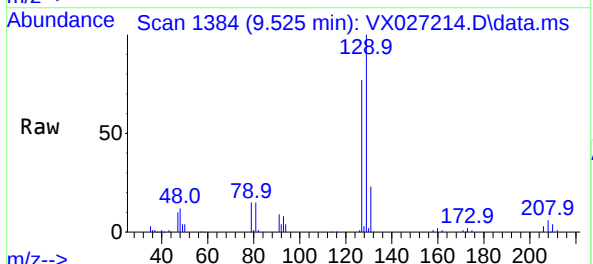
Acq: 26 Feb 2022 01:51

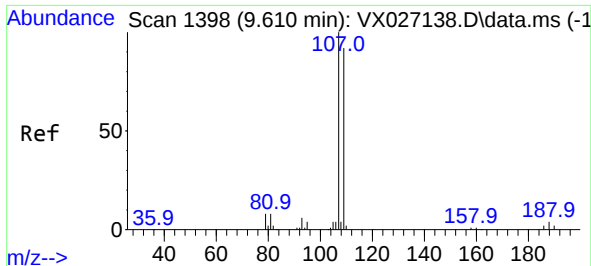
Tgt Ion:129 Resp: 47902

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.469 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

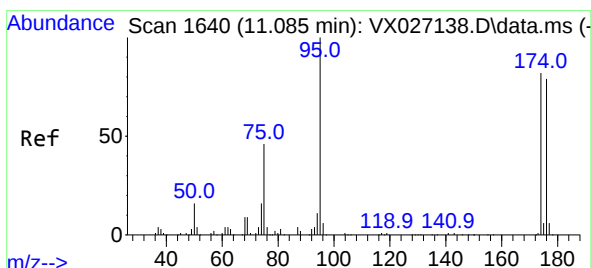
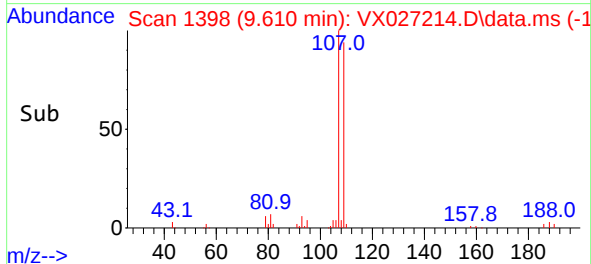
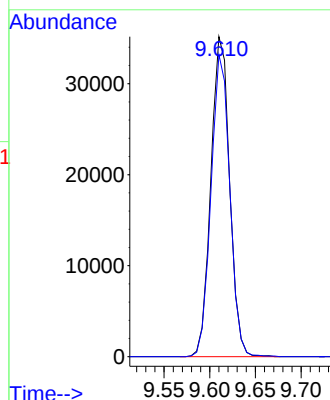
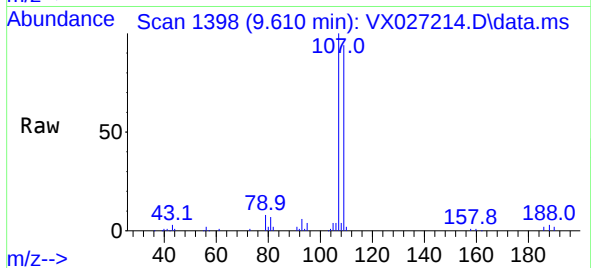
VSTDCCC050EC

Tgt Ion:107 Resp: 5007
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3

Manual Integrations

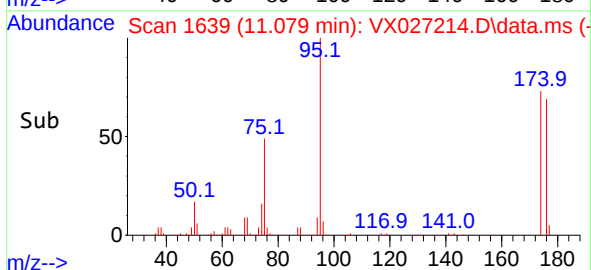
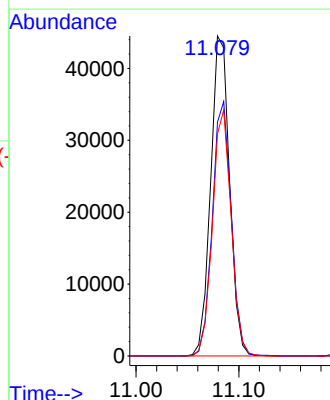
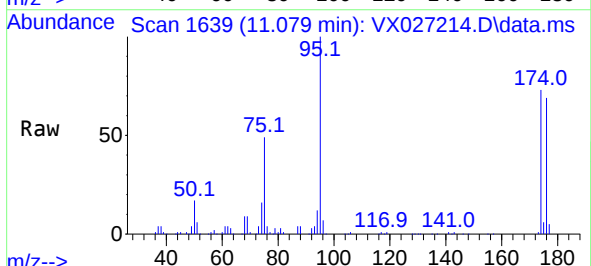
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#62
4-Bromofluorobenzene
Concen: 47.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

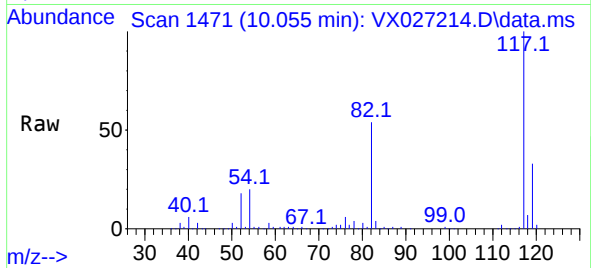
Tgt Ion: 95 Resp: 56864
Ion Ratio Lower Upper
95 100
174 79.3 0.0 148.6
176 75.7 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

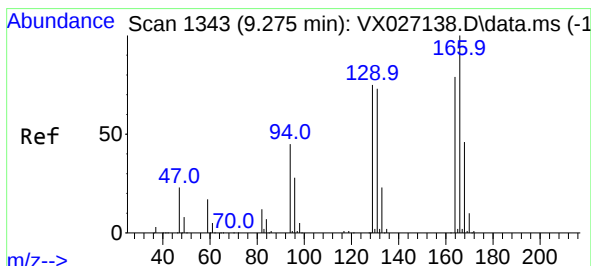
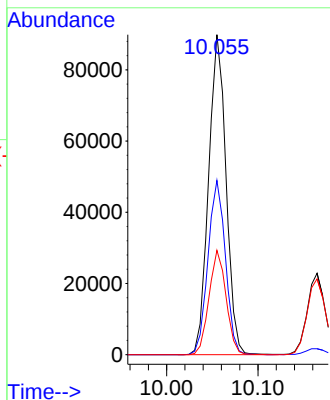
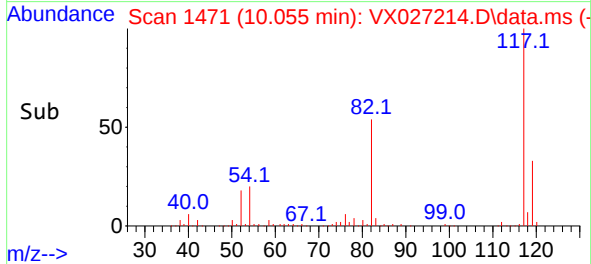
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 118879
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 32.6 26.2 39.2

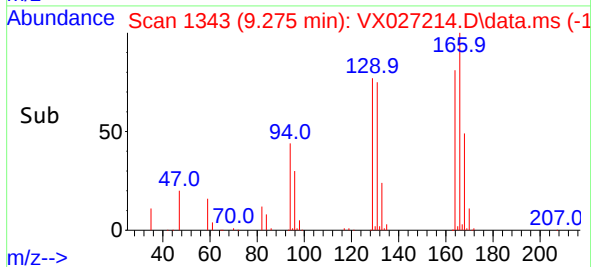
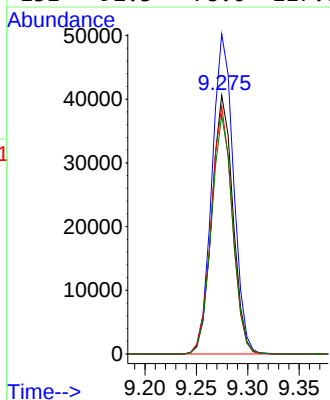
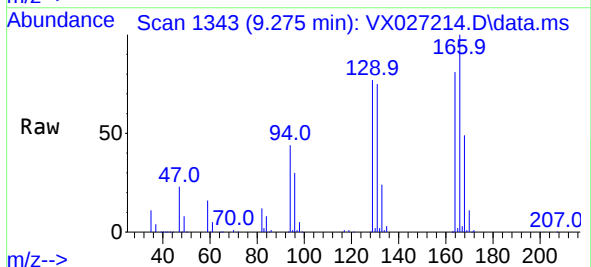
Manual Integrations
APPROVED

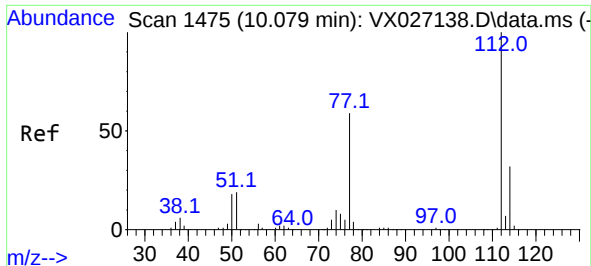
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#64
Tetrachloroethene
Concen: 53.750 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

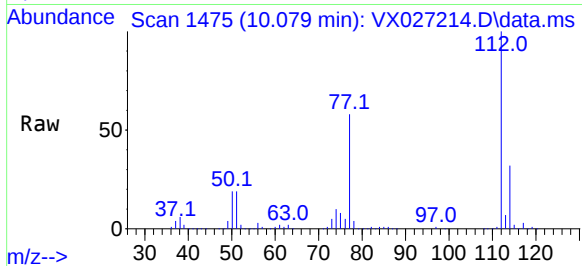
Tgt Ion:164 Resp: 57809
Ion Ratio Lower Upper
164 100
166 123.7 101.8 152.6
129 95.7 83.3 124.9
131 92.3 78.0 117.0





#65
Chlorobenzene
Concen: 53.105 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

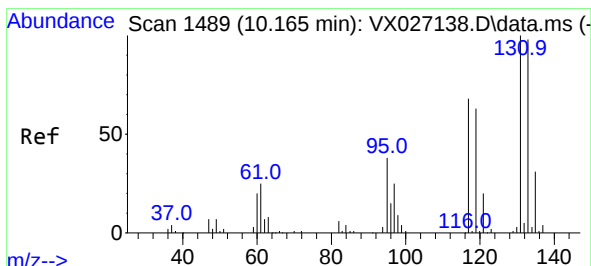
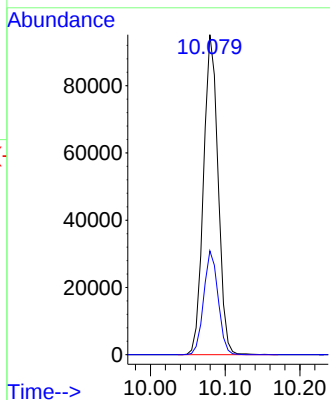
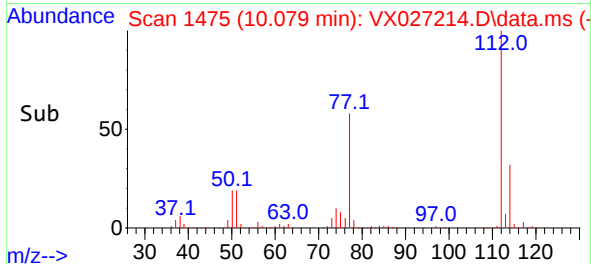
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



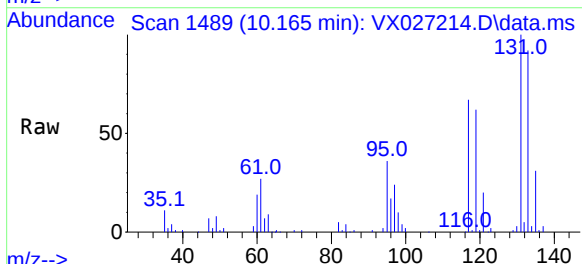
Tgt Ion:112 Resp: 12868
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

Manual Integrations
APPROVED

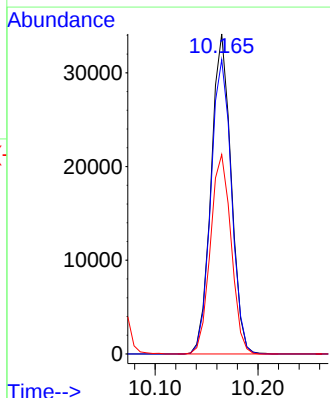
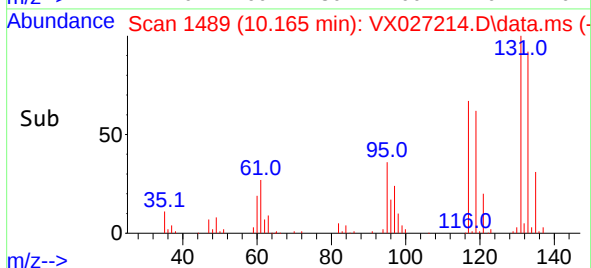
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

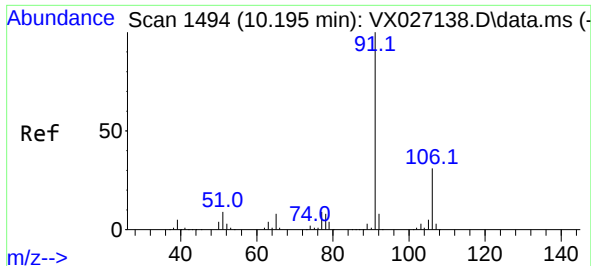


#66
1,1,1,2-Tetrachloroethane
Concen: 52.382 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



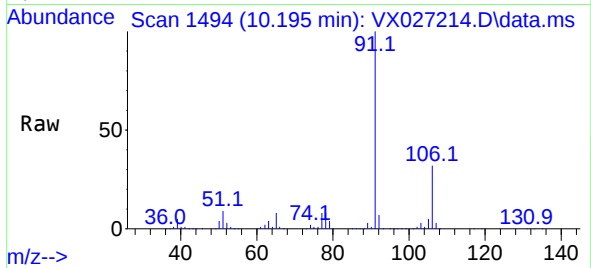
Tgt Ion:131 Resp: 46031
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 64.5 31.7 95.1





#67
Ethyl Benzene
Concen: 53.490 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

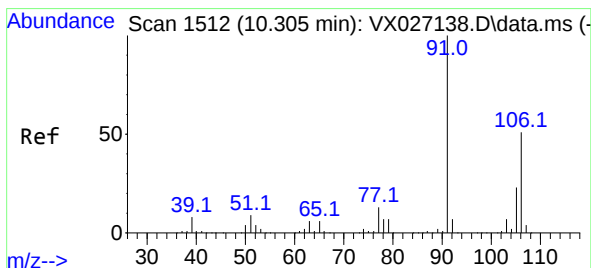
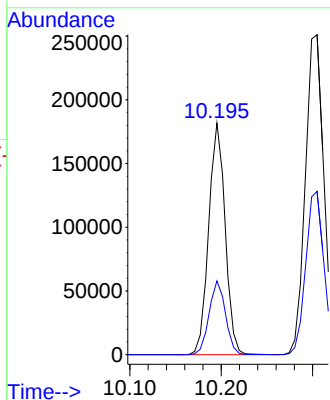
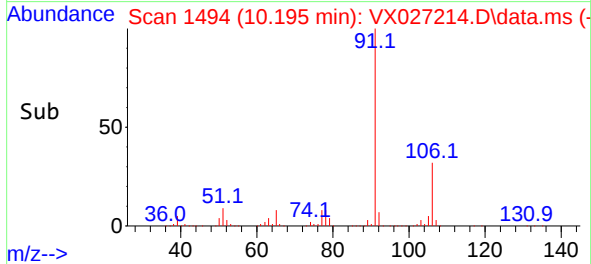
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



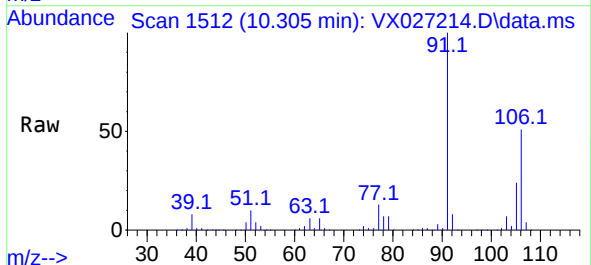
Tgt Ion: 91 Resp: 22754
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

Manual Integrations
APPROVED

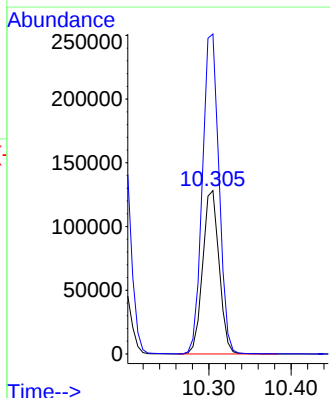
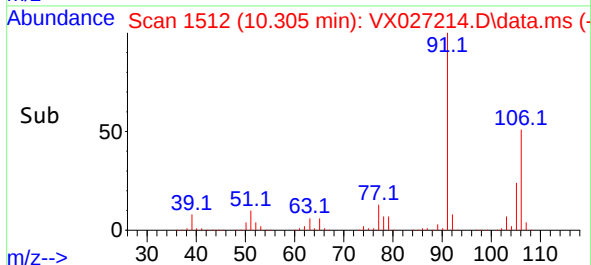
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

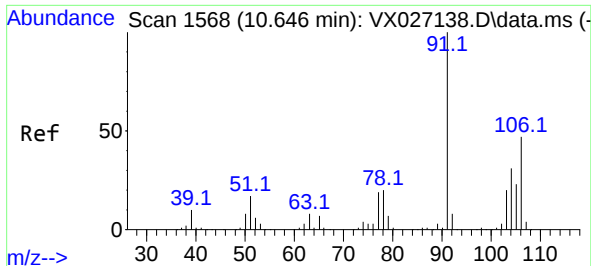


#68
m/p-Xylenes
Concen: 108.743 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion:106 Resp: 177836
Ion Ratio Lower Upper
106 100
91 198.4 165.3 247.9





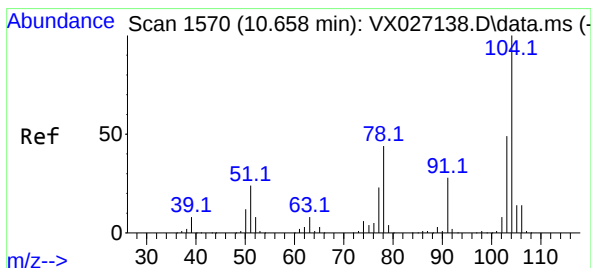
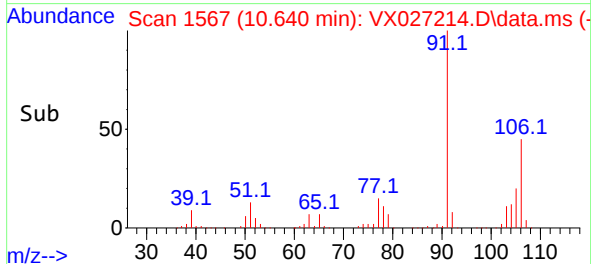
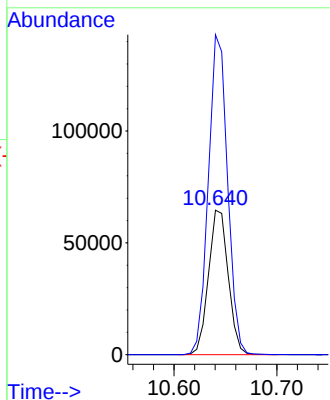
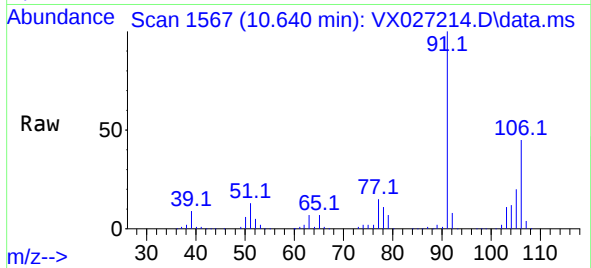
#69
o-Xylene
Concen: 52.530 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 86220
Ion Ratio Lower Upper
106 100
91 215.4 109.7 329.0

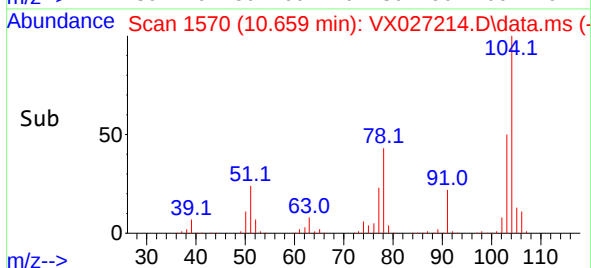
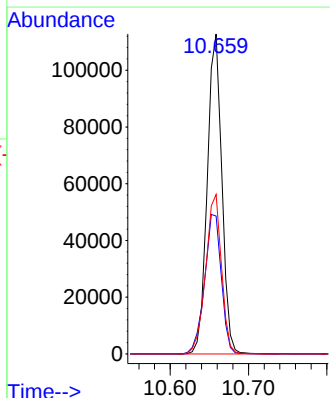
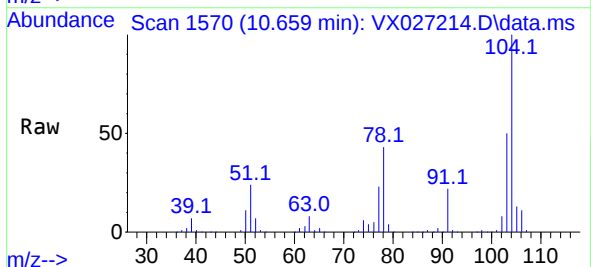
Manual Integrations
APPROVED

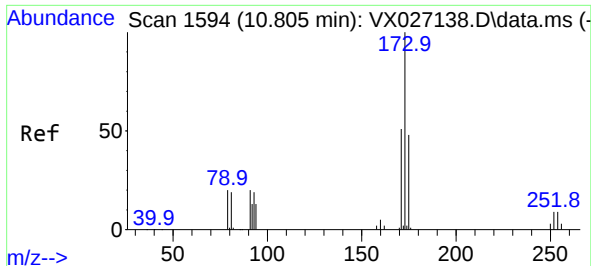
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#70
Styrene
Concen: 54.185 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

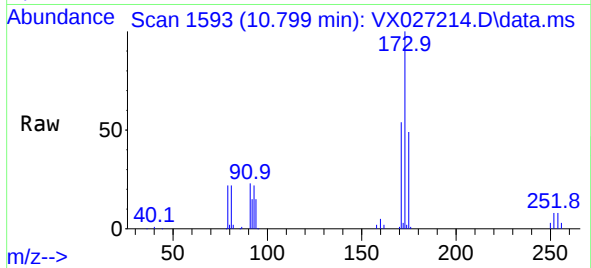
Tgt Ion:104 Resp: 145528
Ion Ratio Lower Upper
104 100
78 50.1 42.5 63.7
103 54.3 43.3 64.9





#71
Bromoform
Concen: 43.593 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

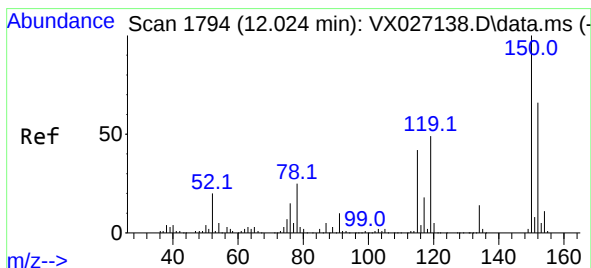
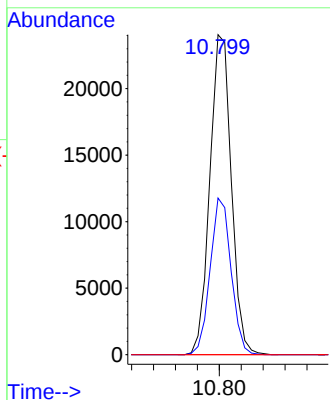
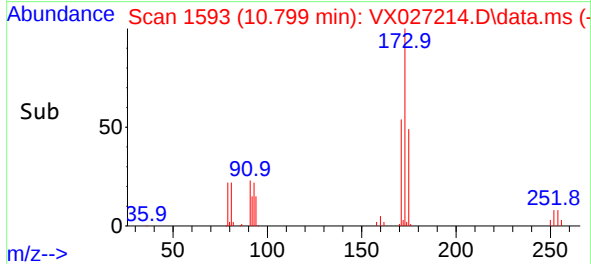
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



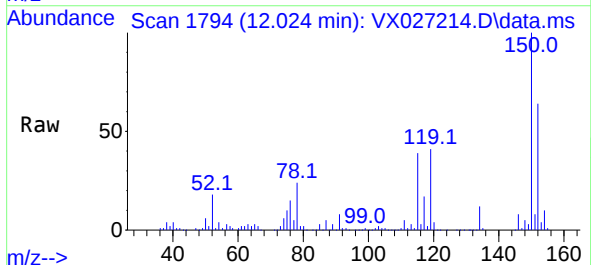
Tgt Ion:173 Resp: 32710
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

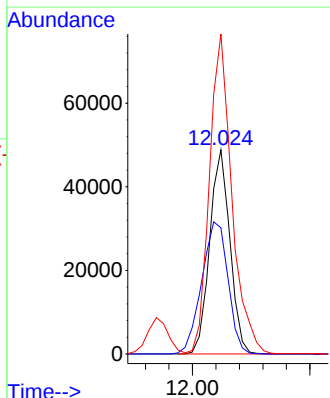
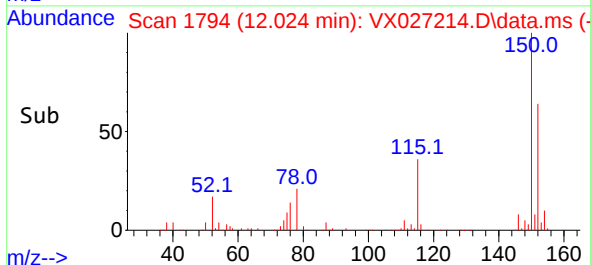
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

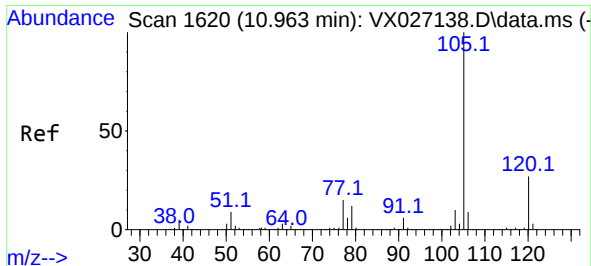


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



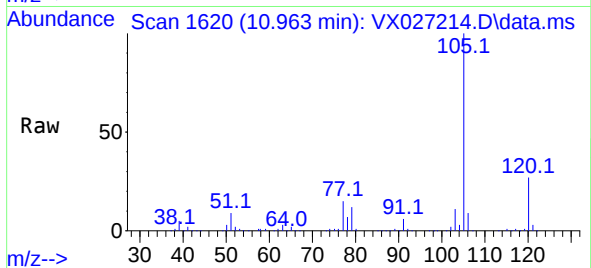
Tgt Ion:152 Resp: 58461
Ion Ratio Lower Upper
152 100
115 84.0 44.2 132.6
150 173.3 0.0 348.2





#73
Isopropylbenzene
Concen: 53.890 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

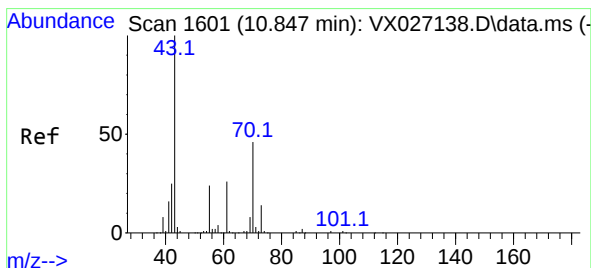
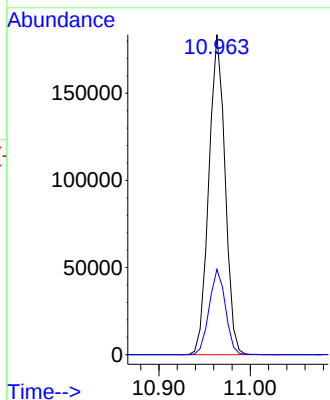
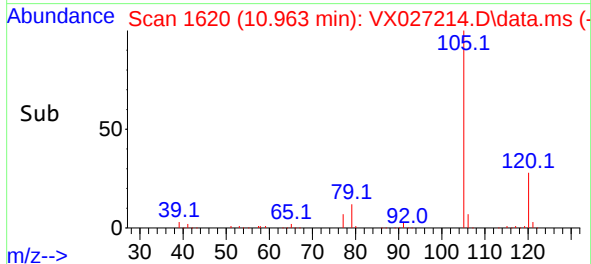
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



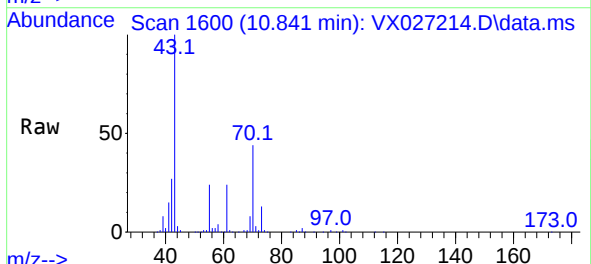
Tgt Ion:105 Resp: 225434
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
APPROVED

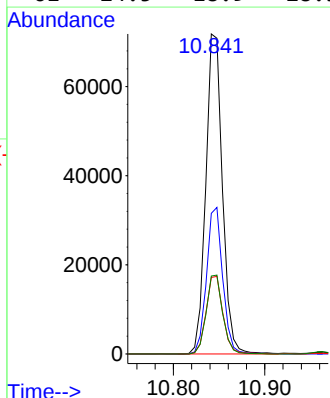
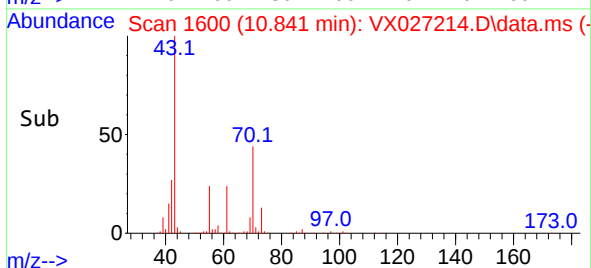
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#74
N-ethyl acetate
Concen: 56.817 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



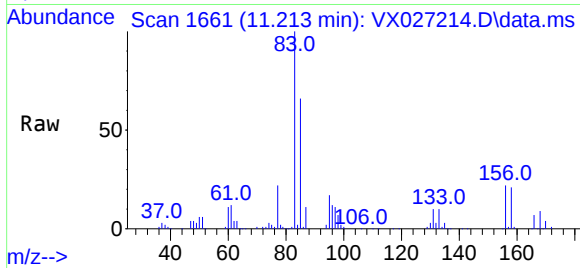
Tgt Ion: 43 Resp: 90434
Ion Ratio Lower Upper
43 100
70 44.7 32.9 49.3
55 24.7 18.3 27.5
61 24.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 51.831 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

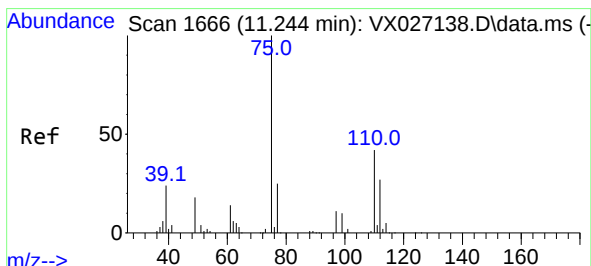
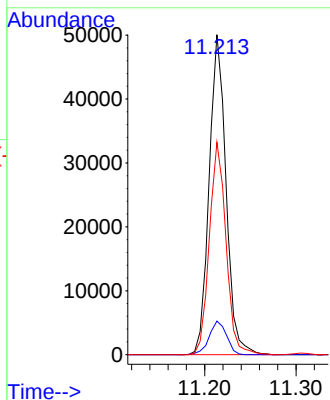
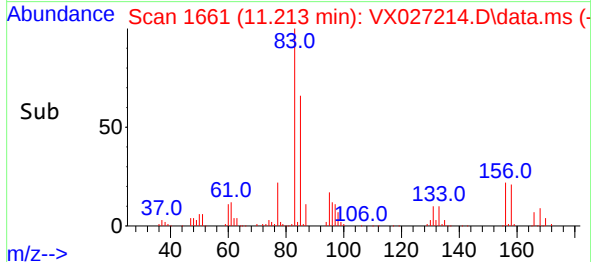
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



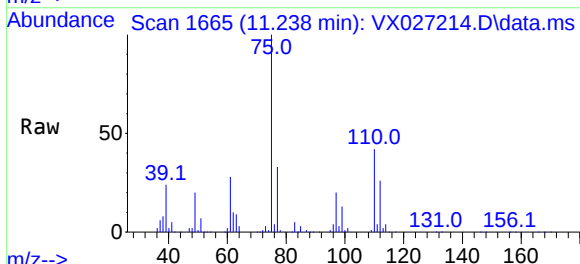
Tgt Ion: 83 Resp: 6404
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 65.5 32.0 96.2

Manual Integrations
APPROVED

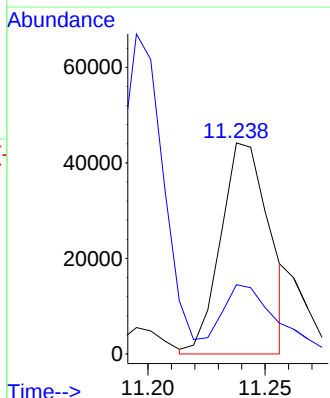
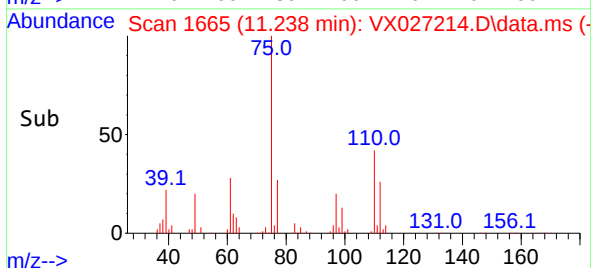
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

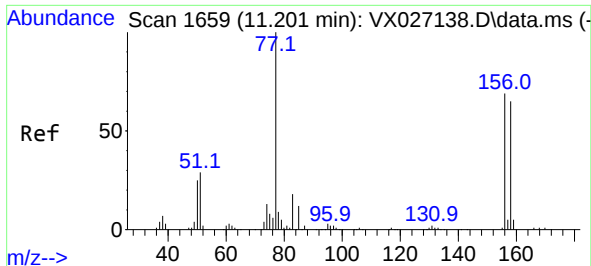


#76
1,2,3-Trichloropropane
Concen: 53.941 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



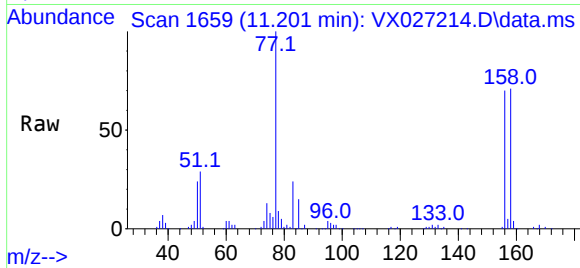
Tgt Ion: 75 Resp: 63518
Ion Ratio Lower Upper
75 100
77 38.5 18.3 54.8





#77
Bromobenzene
Concen: 53.450 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

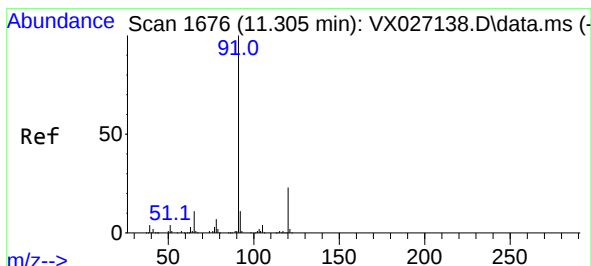
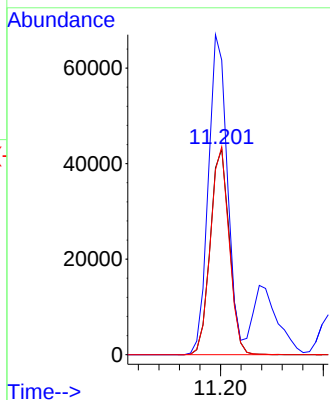
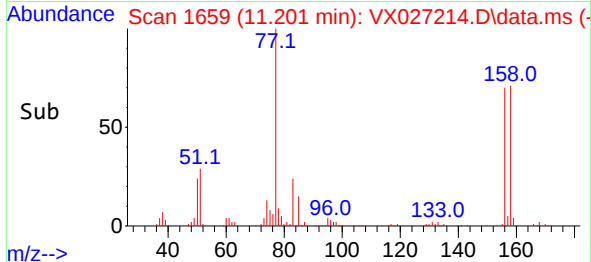
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



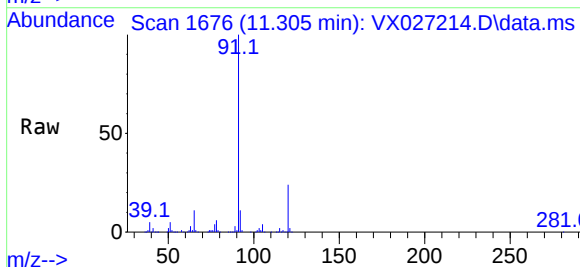
Tgt Ion:156 Resp: 5577
Ion Ratio Lower Upper
156 100
77 154.0 84.5 253.4
158 98.7 48.1 144.4

Manual Integrations
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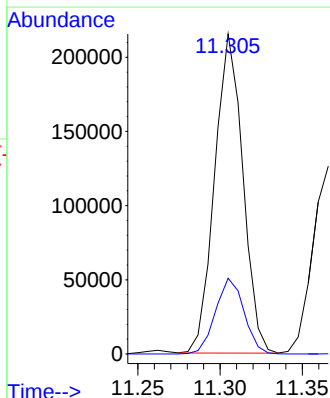
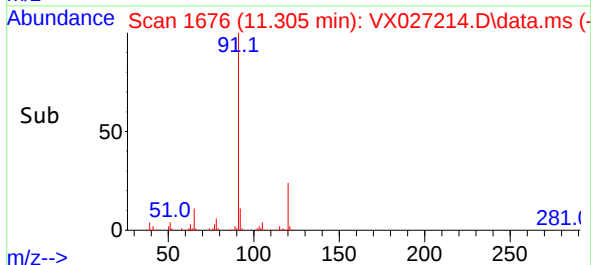
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

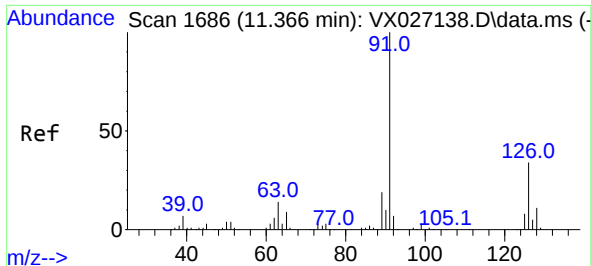


#78
n-propylbenzene
Concen: 53.945 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 91 Resp: 256484
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.7





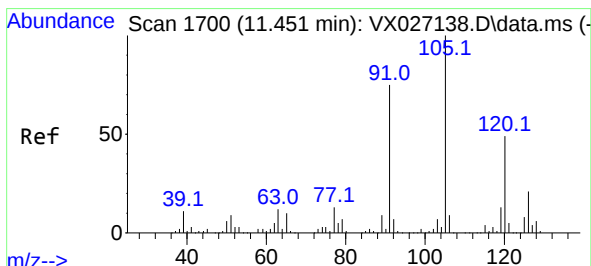
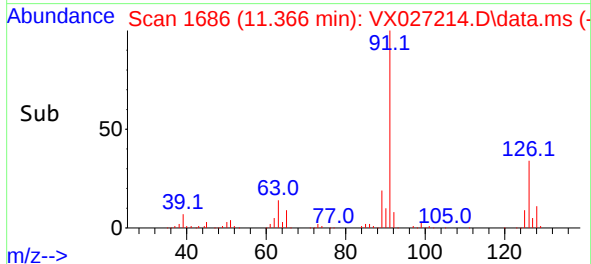
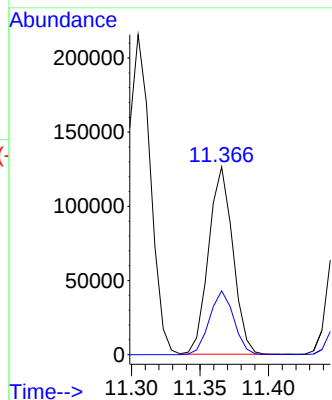
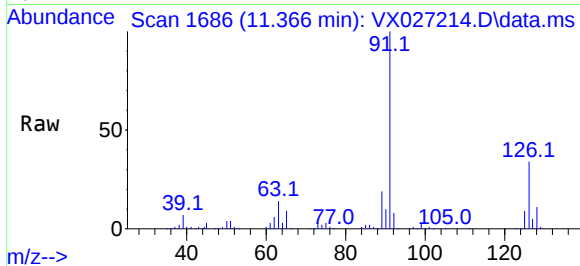
#79
2-Chlorotoluene
Concen: 53.388 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 155550
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.2

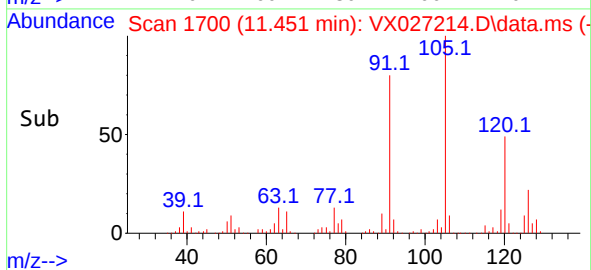
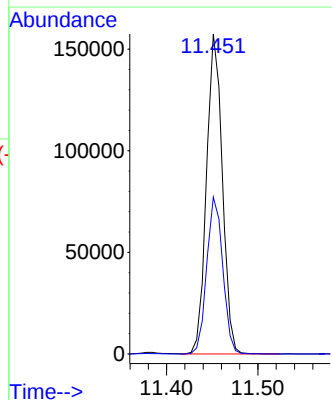
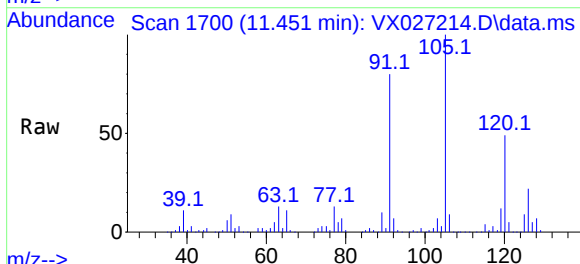
Manual Integrations
APPROVED

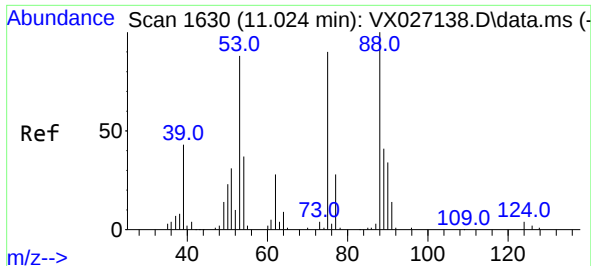
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.865 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion:105 Resp: 189475
Ion Ratio Lower Upper
105 100
120 49.6 24.0 72.0





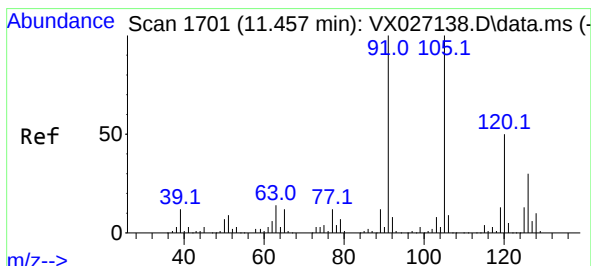
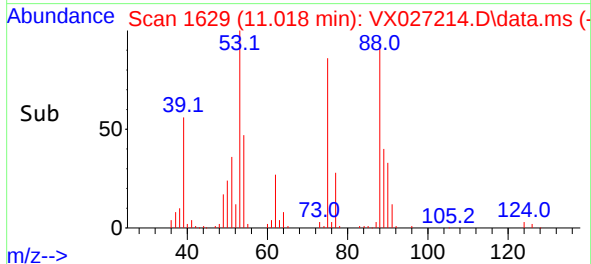
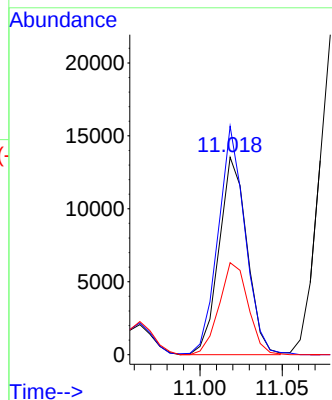
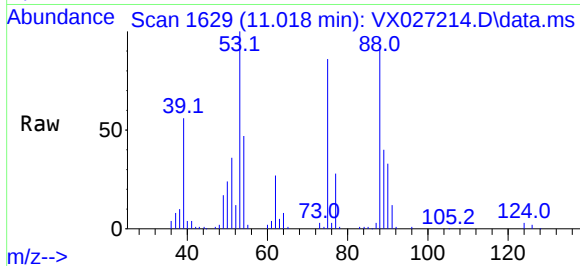
#81
trans-1,4-Dichloro-2-butene
Concen: 40.849 ug/l
RT: 11.018 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
53 111.2 94.0 141.0
89 48.1 37.0 55.4

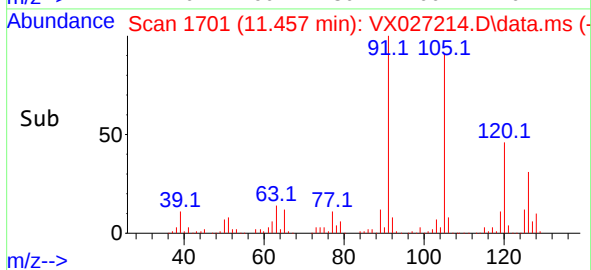
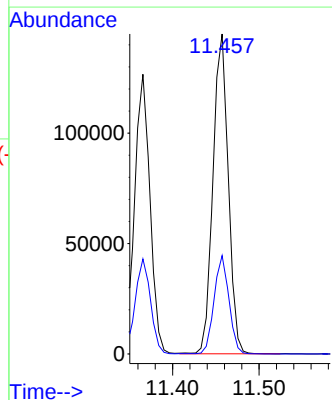
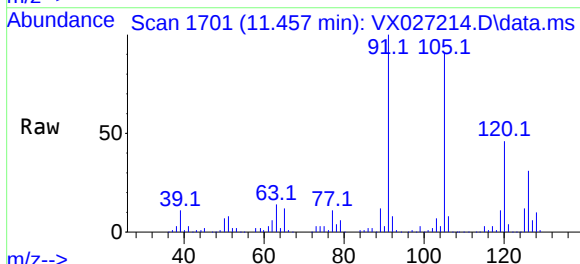
Manual Integrations
APPROVED

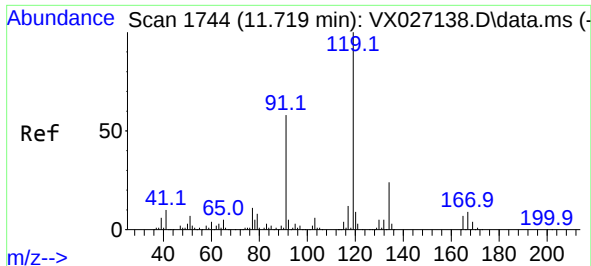
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#82
4-Chlorotoluene
Concen: 53.449 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

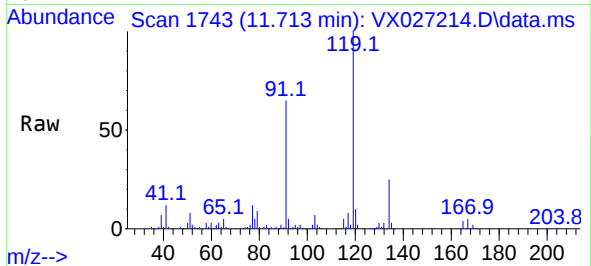
Tgt Ion: 91 Resp: 177898
Ion Ratio Lower Upper
91 100
126 29.9 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.263 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

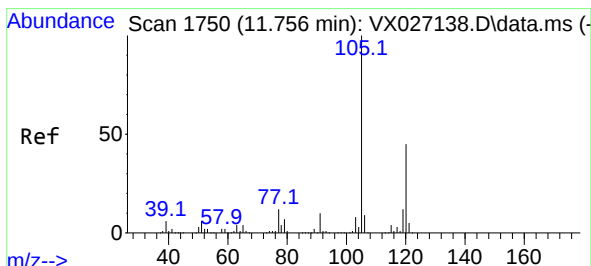
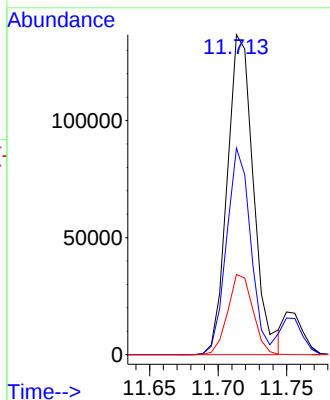
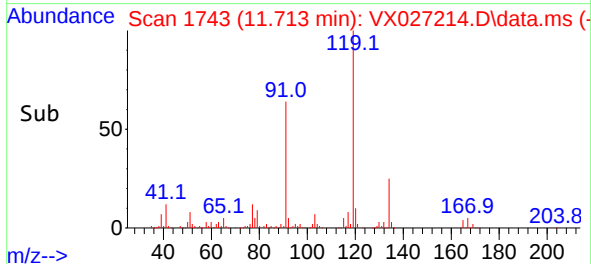
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



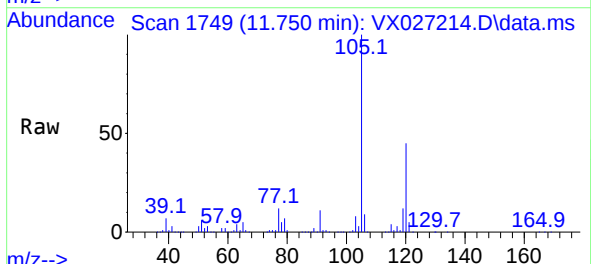
Tgt Ion:119 Resp: 182178
Ion Ratio Lower Upper
119 100
91 59.6 31.4 94.0
134 24.0 11.8 35.3

Manual Integrations
APPROVED

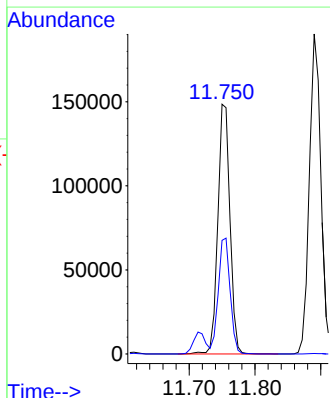
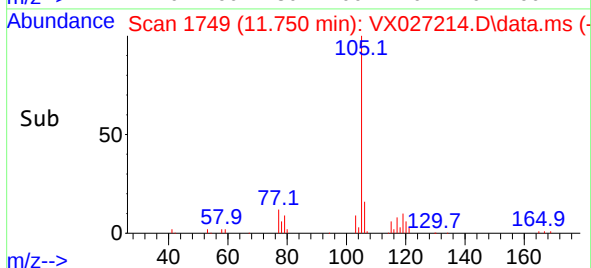
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

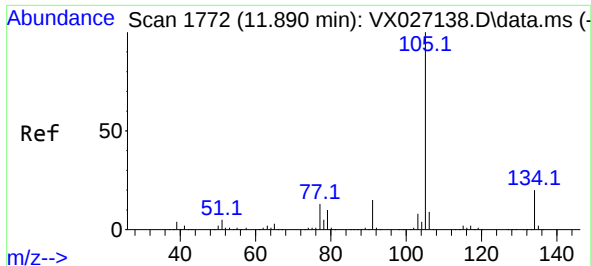


#84
1,2,4-Trimethylbenzene
Concen: 54.324 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



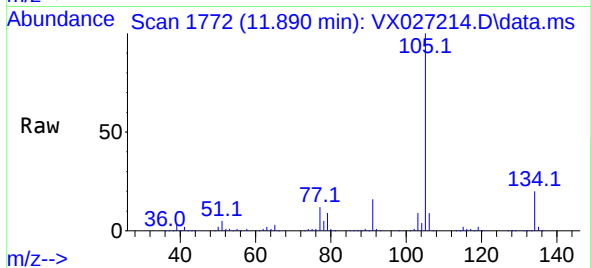
Tgt Ion:105 Resp: 190073
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 53.992 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027214.D
 Acq: 26 Feb 2022 01:51

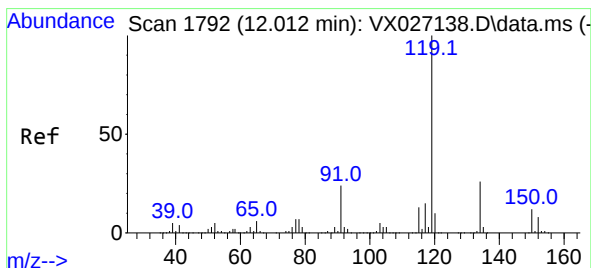
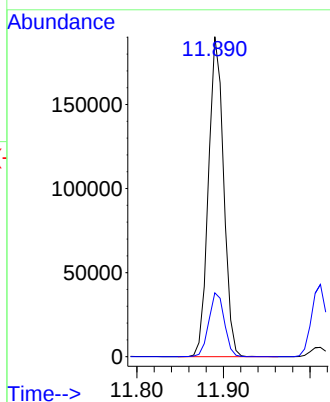
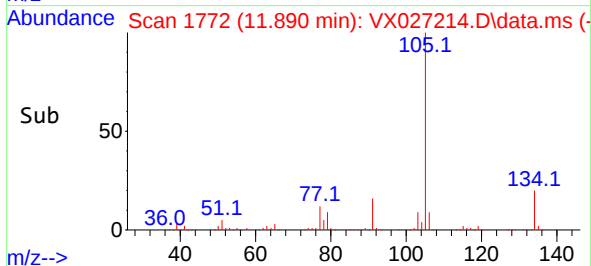
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



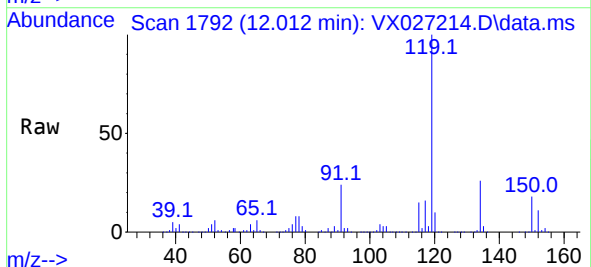
Tgt Ion:105 Resp: 231559
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

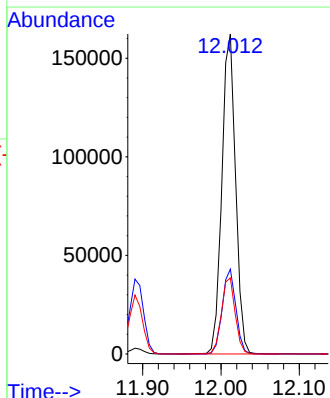
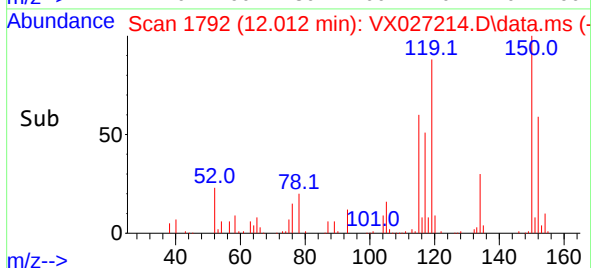
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

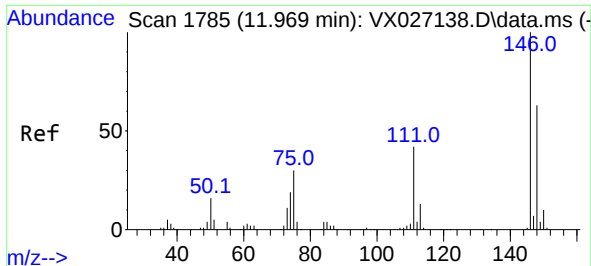


#86
 p-Isopropyltoluene
 Concen: 54.139 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027214.D
 Acq: 26 Feb 2022 01:51



Tgt Ion:119 Resp: 197939
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.8 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 52.212 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10251

Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

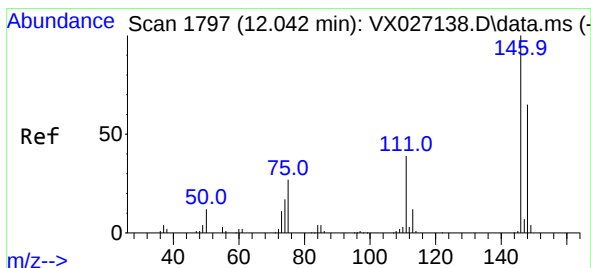
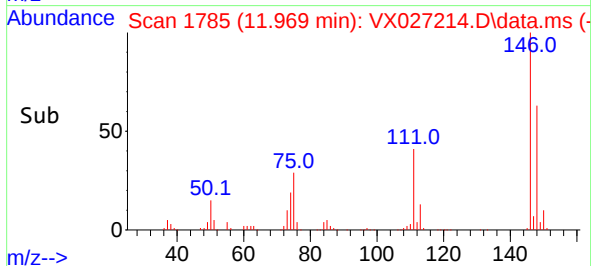
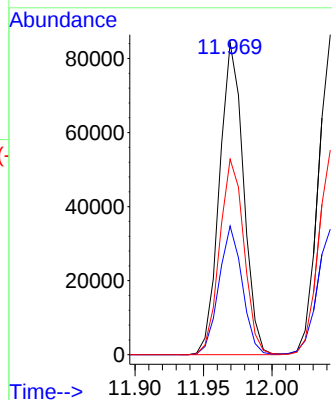
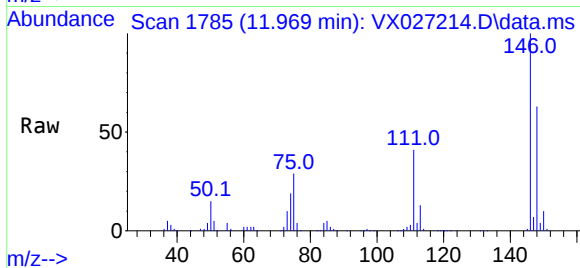
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#88

1,4-Dichlorobenzene

Concen: 51.160 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027214.D

Acq: 26 Feb 2022 01:51

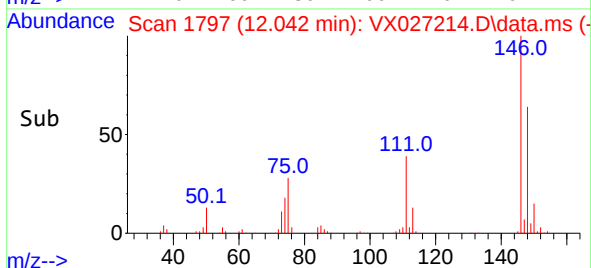
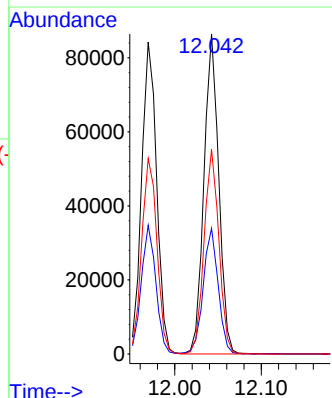
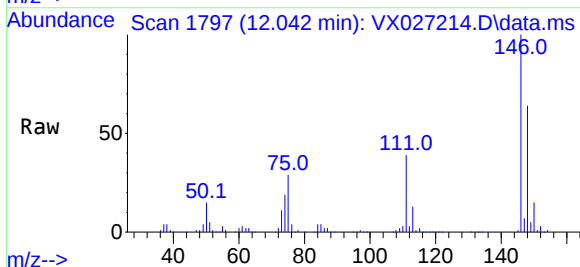
Tgt Ion:146 Resp: 102704

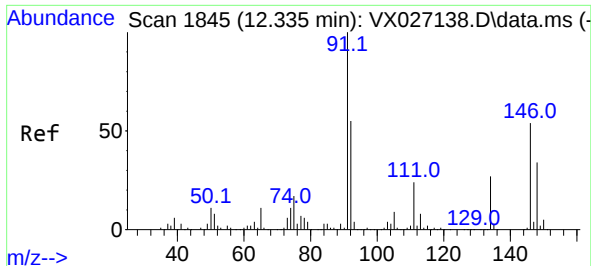
Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.6

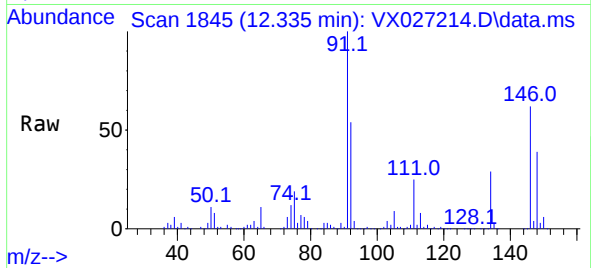
148 64.0 31.4 94.0





#89
n-Butylbenzene
Concen: 53.088 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

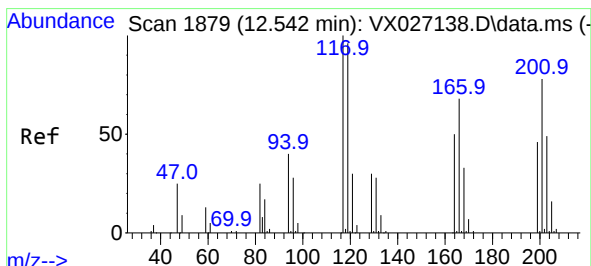
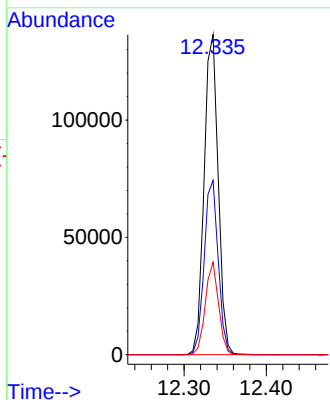
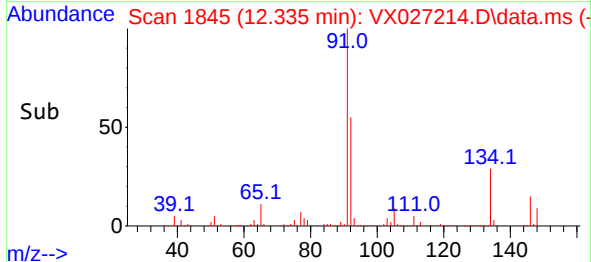
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 16223
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 27.2 13.1 39.1

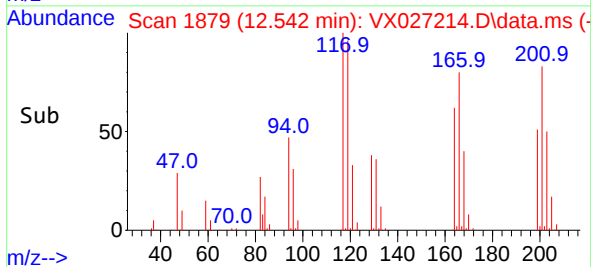
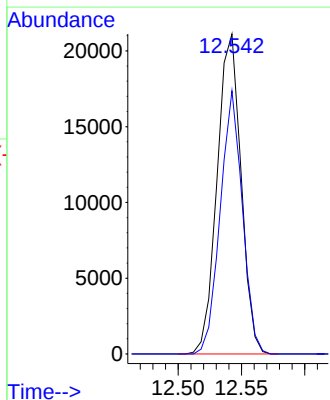
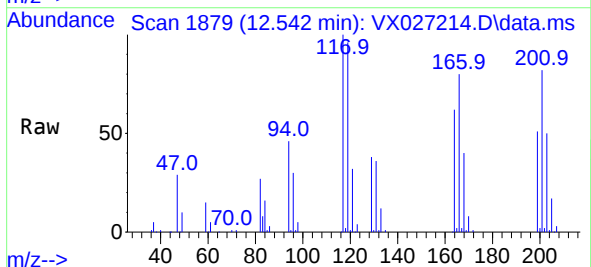
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#90
Hexachloroethane
Concen: 48.886 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

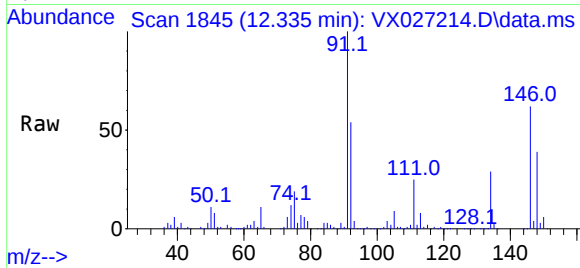
Tgt Ion:117 Resp: 27686
Ion Ratio Lower Upper
117 100
201 76.2 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 52.579 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

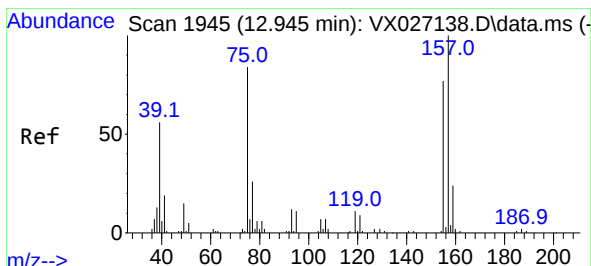
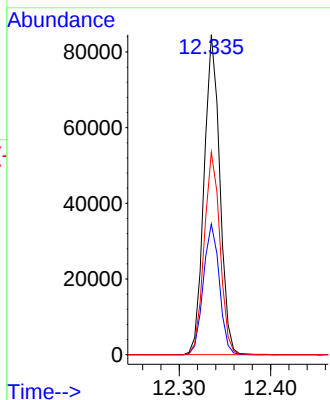
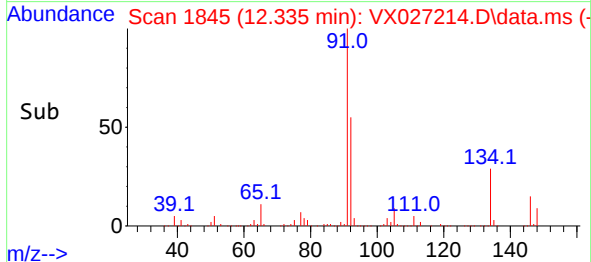
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



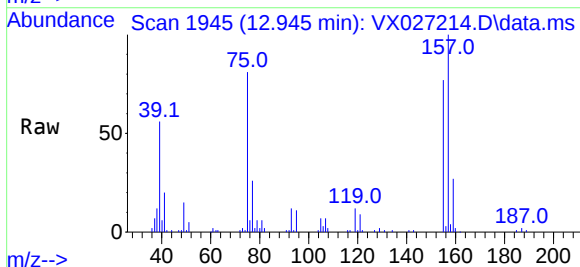
Tgt Ion:146 Resp: 10072
Ion Ratio Lower Upper
146 100
111 41.5 21.8 65.3
148 63.5 32.0 96.2

Manual Integrations
APPROVED

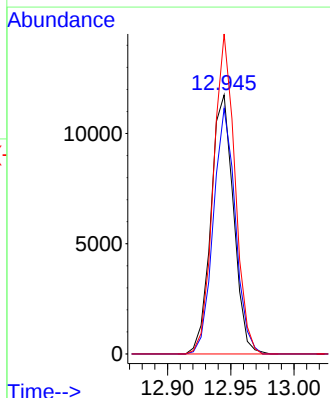
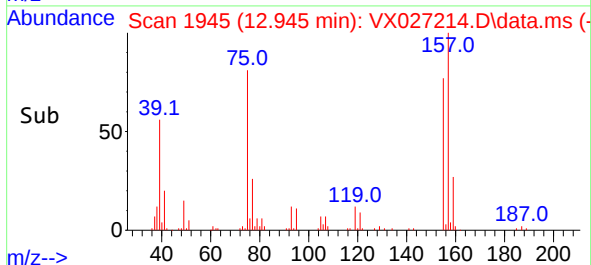
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

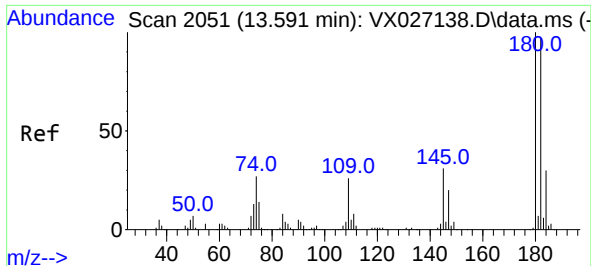


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.674 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion: 75 Resp: 14536
Ion Ratio Lower Upper
75 100
155 92.2 40.0 119.9
157 117.8 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 52.752 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

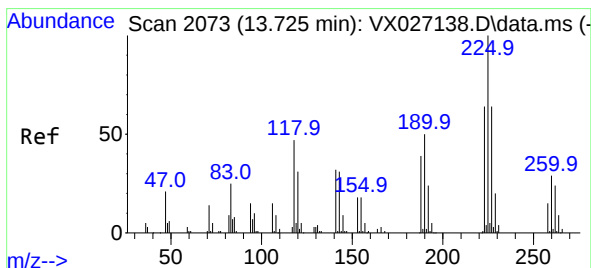
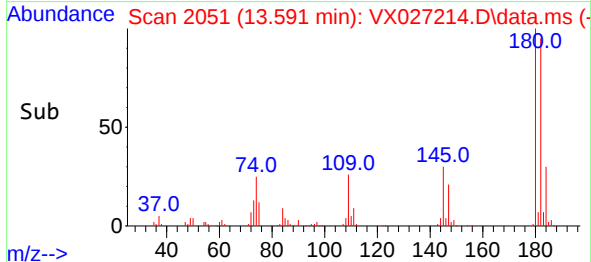
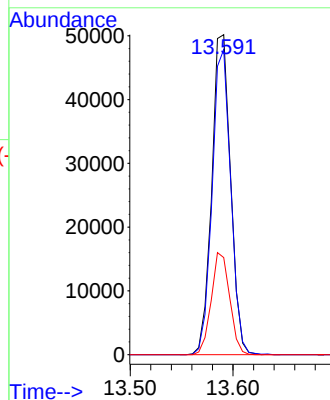
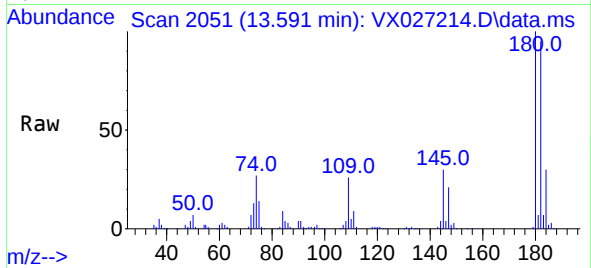
VSTDCCC050EC

Tgt Ion:180 Resp: 63772
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.0
145 31.2 16.3 48.8

Manual Integrations

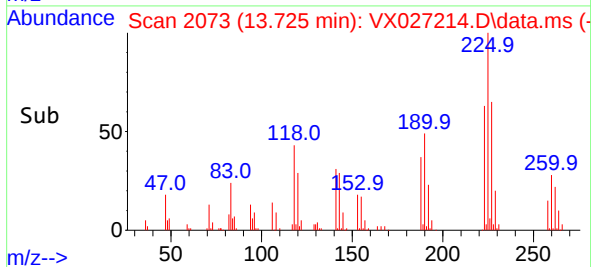
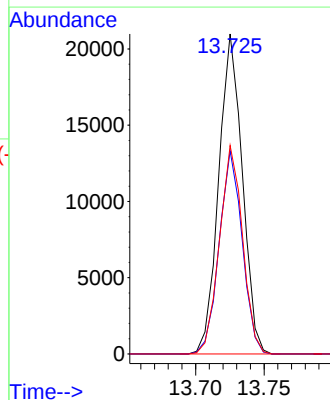
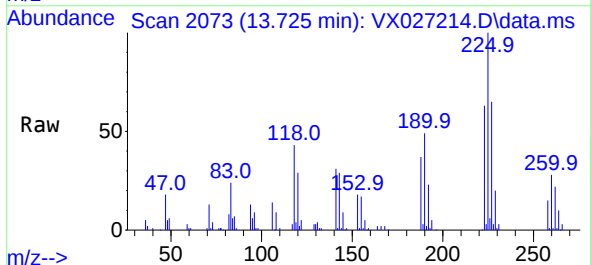
APPROVED

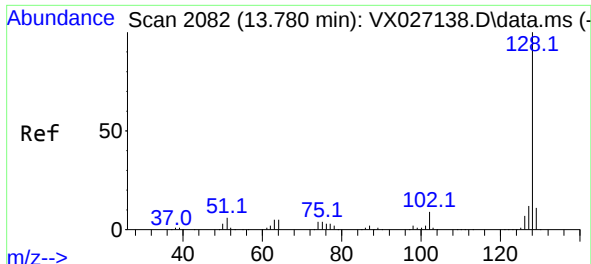
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#94
Hexachlorobutadiene
Concen: 49.991 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Tgt Ion:225 Resp: 25090
Ion Ratio Lower Upper
225 100
223 61.8 32.0 96.0
227 63.6 32.3 96.9





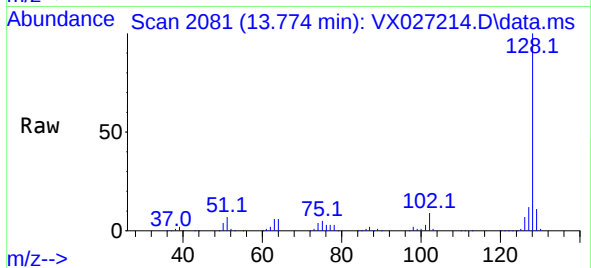
#95
Naphthalene
Concen: 55.119 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

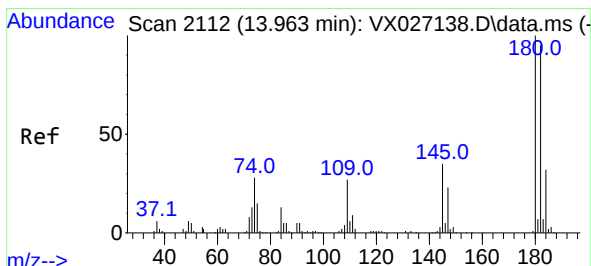
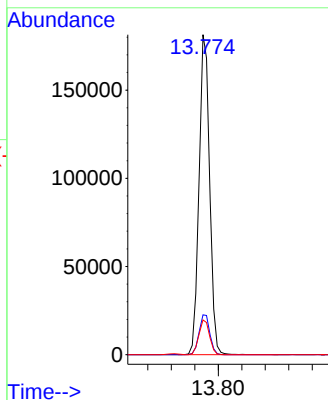
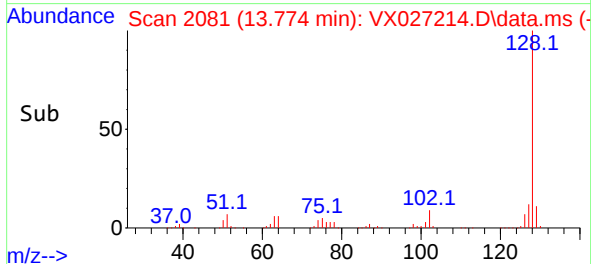


Tgt Ion:128 Resp: 226420
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1

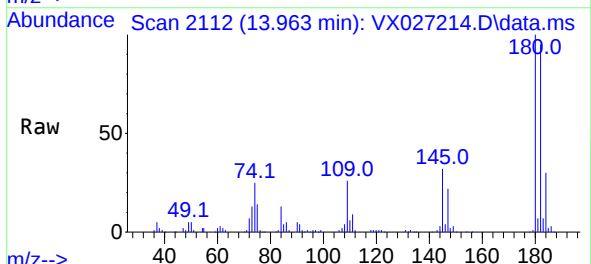
Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.533 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027214.D
Acq: 26 Feb 2022 01:51



Tgt Ion:180 Resp: 64868
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 33.1 17.5 52.5

