

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027414.D
 Acq On : 11 Mar 2022 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	533306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173079	43.386	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.780%		
35) Dibromofluoromethane	5.391	113	168261	48.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.800%		
50) Toluene-d8	8.653	98	619306	47.670	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	228327	46.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	155844	44.443	ug/l	100
3) Chloromethane	1.294	50	139092	37.721	ug/l	100
4) Vinyl Chloride	1.373	62	156015	41.167	ug/l	100
5) Bromomethane	1.599	94	49647	30.375	ug/l	97
6) Chloroethane	1.678	64	93399	41.884	ug/l	100
7) Trichlorofluoromethane	1.879	101	231402	43.846	ug/l	99
8) Diethyl Ether	2.135	74	87921	42.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	155719	45.131	ug/l	94
10) Methyl Iodide	2.452	142	136527	28.033	ug/l	99
11) Tert butyl alcohol	2.971	59	180674	231.021	ug/l	100
12) 1,1-Dichloroethene	2.318	96	152301	45.915	ug/l	90
13) Acrolein	2.239	56	107448	196.001	ug/l	98
14) Allyl chloride	2.666	41	222341	42.734	ug/l	95
15) Acrylonitrile	3.068	53	471063	228.871	ug/l	100
16) Acetone	2.385	43	358635	231.749	ug/l	99
17) Carbon Disulfide	2.507	76	364711	40.470	ug/l	99
18) Methyl Acetate	2.708	43	193161	44.047	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	504112	45.870	ug/l	100
20) Methylene Chloride	2.788	84	174384	44.744	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	165430	44.870	ug/l	94
22) Diisopropyl ether	3.763	45	464672	44.675	ug/l #	90
23) Vinyl Acetate	3.727	43	1974357	226.905	ug/l	99
24) 1,1-Dichloroethane	3.611	63	284540	45.054	ug/l	100
25) 2-Butanone	4.562	43	612594	222.930	ug/l	98
26) 2,2-Dichloropropane	4.476	77	189173	41.776	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	199348	46.604	ug/l	90
28) Bromochloromethane	4.903	49	104926	39.929	ug/l	87
29) Tetrahydrofuran	5.007	42	407609	224.180	ug/l	97
30) Chloroform	5.098	83	304566	45.690	ug/l	100
31) Cyclohexane	5.470	56	247326	44.322	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	264399	46.408	ug/l	97
36) 1,1-Dichloropropene	5.696	75	217643	45.553	ug/l	96
37) Ethyl Acetate	4.714	43	230037	45.676	ug/l	98
38) Carbon Tetrachloride	5.684	117	239305	48.438	ug/l	98
39) Methylcyclohexane	7.385	83	278441	46.151	ug/l	99
40) Benzene	6.043	78	682591	46.907	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124563	45.873	ug/l	98
42) 1,2-Dichloroethane	6.092	62	219803	46.239	ug/l	98
43) Isopropyl Acetate	6.348	43	342800	45.153	ug/l	98
44) Trichloroethene	7.128	130	195733	48.972	ug/l	98
45) 1,2-Dichloropropane	7.433	63	171017	46.902	ug/l	96
46) Dibromomethane	7.586	93	125319	48.308	ug/l	94
47) Bromodichloromethane	7.823	83	233435	48.726	ug/l	98
48) Methyl methacrylate	7.695	41	174669	46.266	ug/l	94
49) 1,4-Dioxane	7.665	88	99670	1008.173	ug/l	94
51) 4-Methyl-2-Pentanone	8.579	43	1172552	230.688	ug/l	99
52) Toluene	8.720	92	451060	48.622	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	240911	49.010	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	267834	48.540	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	189577	48.967	ug/l	99
56) Ethyl methacrylate	9.116	69	276880	48.486	ug/l	98
57) 1,3-Dichloropropane	9.311	76	298386	47.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	680916	236.165	ug/l	97
59) 2-Hexanone	9.433	43	901980	229.728	ug/l	98
60) Dibromochloromethane	9.524	129	200232	50.675	ug/l	98
61) 1,2-Dibromoethane	9.610	107	197517	49.403	ug/l	97
64) Tetrachloroethene	9.274	164	171532	50.453	ug/l	98
65) Chlorobenzene	10.079	112	497405	48.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	185191	51.895	ug/l	98
67) Ethyl Benzene	10.195	91	852985	48.460	ug/l	96
68) m/p-Xylenes	10.305	106	691561	100.164	ug/l	97
69) o-Xylene	10.646	106	340512	49.954	ug/l	96
70) Styrene	10.658	104	563887	49.836	ug/l	99
71) Bromoform	10.805	173	153742	52.754	ug/l	99
73) Isopropylbenzene	10.963	105	867740	48.278	ug/l	99
74) N-amyl acetate	10.847	43	296764	45.175	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	284644	46.085	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	252323m	46.796	ug/l	
77) Bromobenzene	11.201	156	225511	49.720	ug/l	91
78) n-propylbenzene	11.305	91	963153	47.639	ug/l	97
79) 2-Chlorotoluene	11.365	91	586120	46.385	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	738159	47.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	80515	48.292	ug/l	97
82) 4-Chlorotoluene	11.457	91	659715	46.152	ug/l	96
83) tert-Butylbenzene	11.719	119	745950	48.429	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	738720	48.335	ug/l	99
85) sec-Butylbenzene	11.896	105	888361	47.819	ug/l	99
86) p-Isopropyltoluene	12.012	119	766911	48.760	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	414139	48.601	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	414735	48.073	ug/l	99
89) n-Butylbenzene	12.335	91	631087	47.903	ug/l	97
90) Hexachloroethane	12.542	117	122422	49.939	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	410403	48.849	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	63777	49.283	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	270414	49.034	ug/l	99
94) Hexachlorobutadiene	13.725	225	117342	48.525	ug/l	93
95) Naphthalene	13.780	128	937363	50.631	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	273056	49.547	ug/l	96

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VSTDCCC050EC

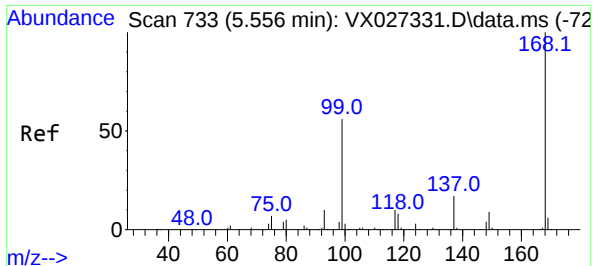
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Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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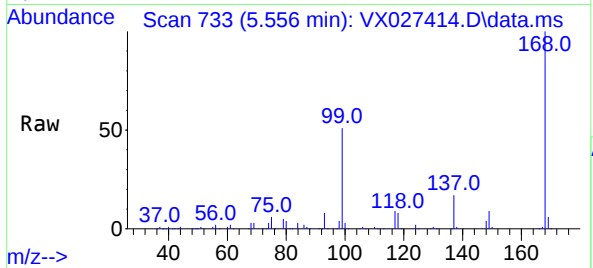
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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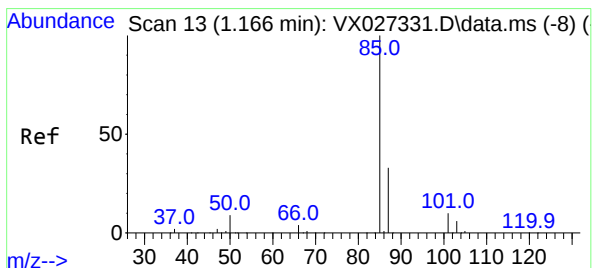
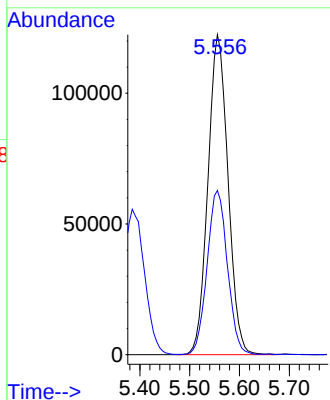
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



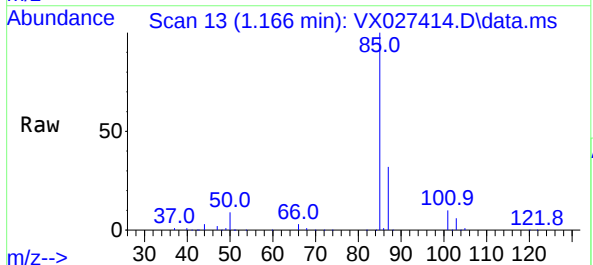
Tgt Ion:168 Resp: 342093
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5

Manual Integrations
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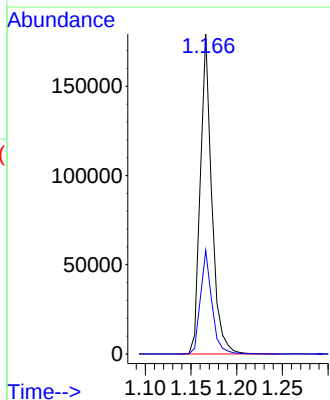
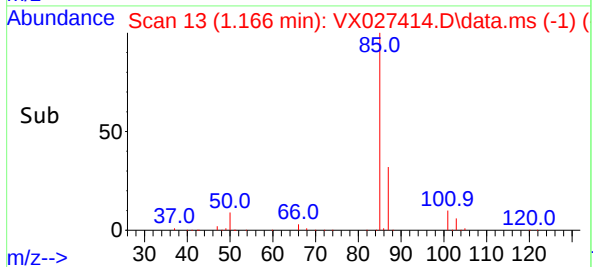
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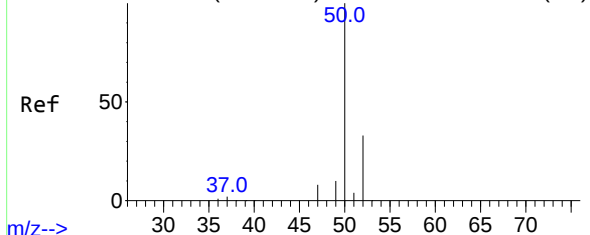
#2
Dichlorodifluoromethane
Concen: 44.443 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 85 Resp: 155844
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6



Abundance Scan 34 (1.294 min): VX027331.D\data.ms (-28)



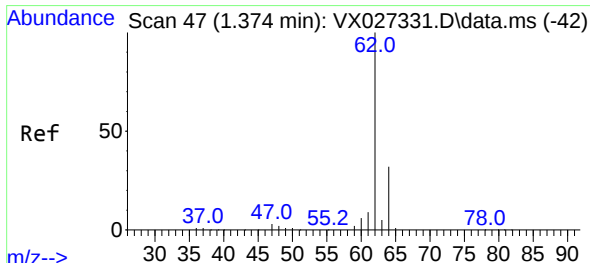
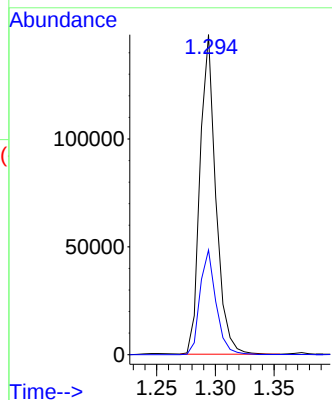
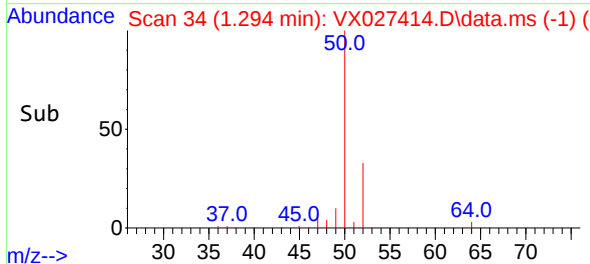
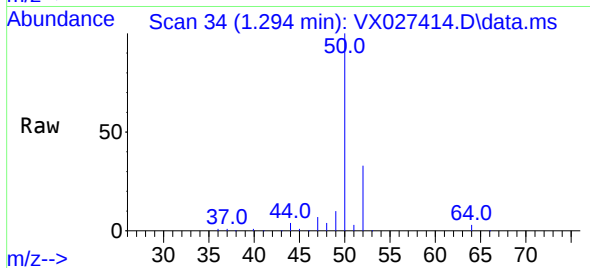
#3
Chloromethane
Concen: 37.721 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

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Tgt Ion: 50 Resp: 139092
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6

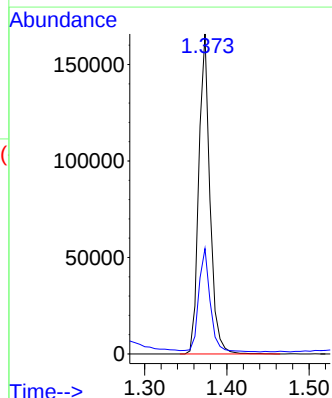
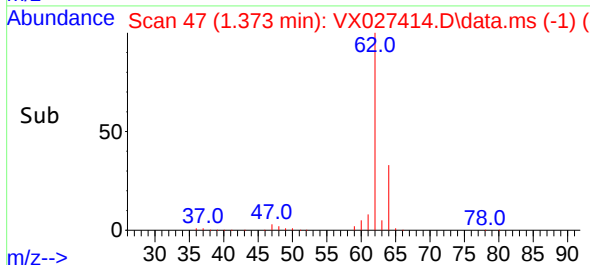
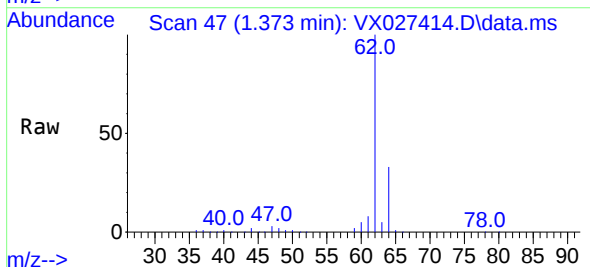
Manual Integrations
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#4
Vinyl Chloride
Concen: 41.167 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

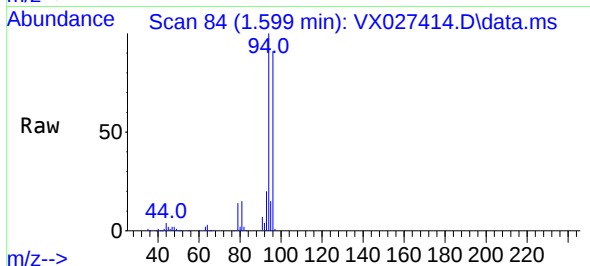
Tgt Ion: 62 Resp: 156015
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





#5
Bromomethane
Concen: 30.375 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

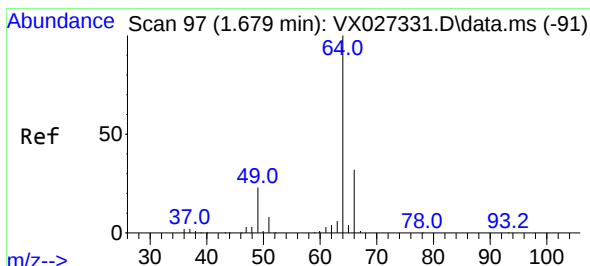
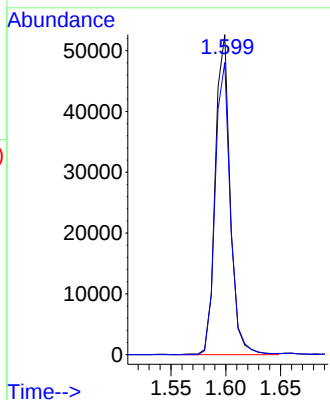
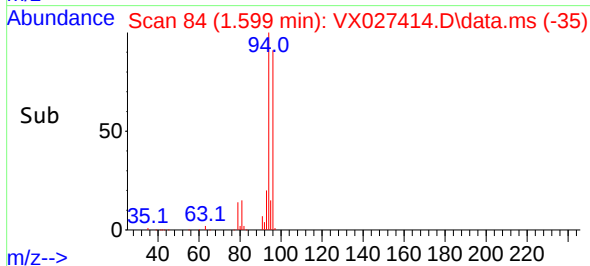
Instrument :
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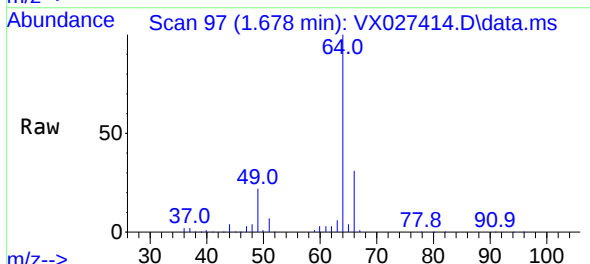
Tgt Ion: 94 Resp: 4964
Ion Ratio Lower Upper
94 100
96 91.3 75.3 112.9

Manual Integrations
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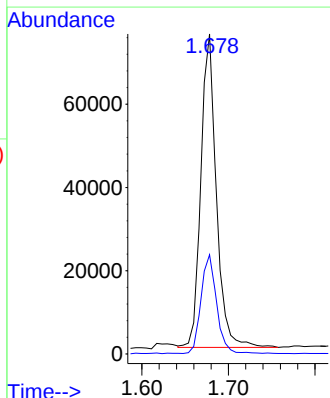
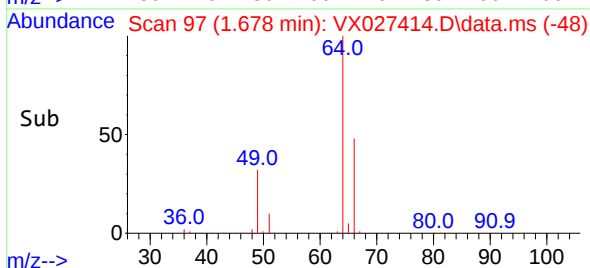
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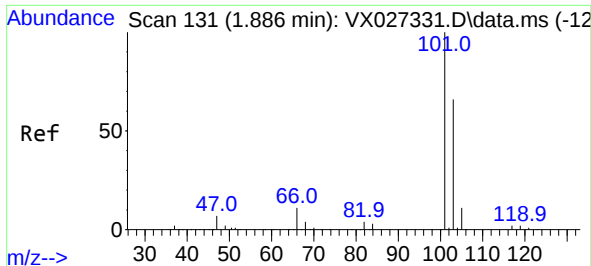


#6
Chloroethane
Concen: 41.884 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 64 Resp: 93399
Ion Ratio Lower Upper
64 100
66 31.5 25.3 37.9





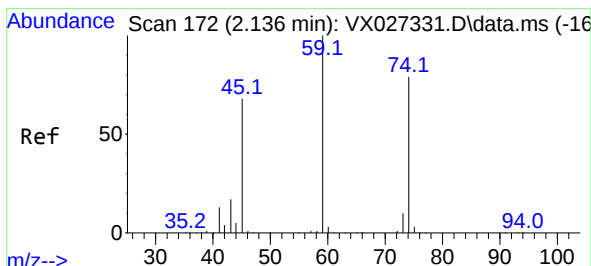
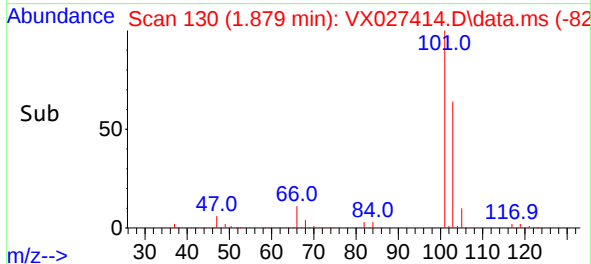
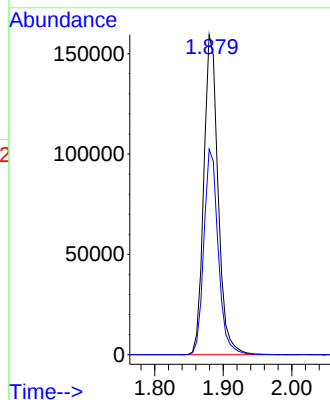
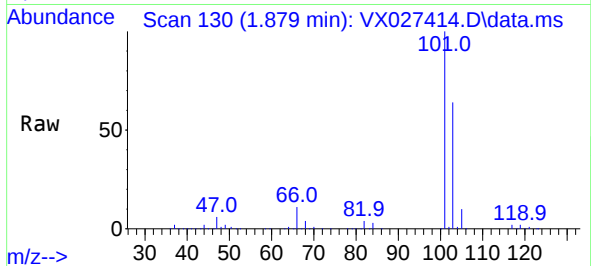
#7
Trichlorofluoromethane
Concen: 43.846 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :
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Tgt Ion:101 Resp: 23140
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

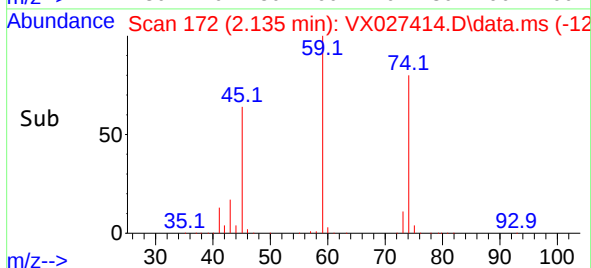
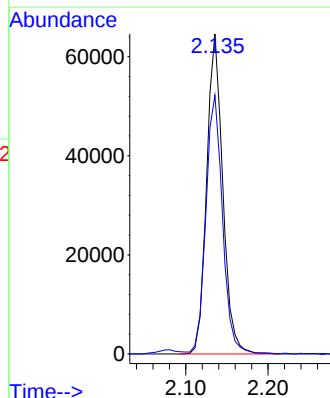
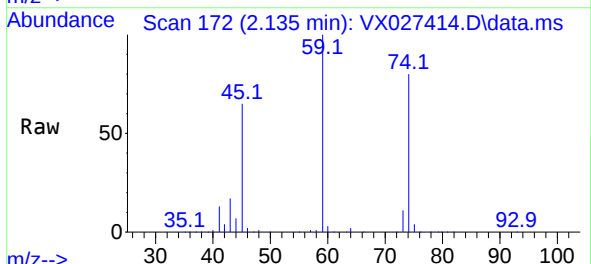
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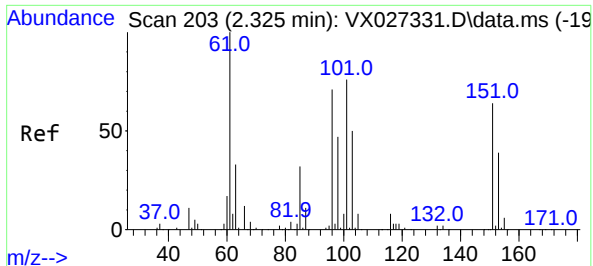
Reviewed By :John Carlone 03/14/2022
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#8
Diethyl Ether
Concen: 42.754 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.001 min
Lab File: VX027414.D
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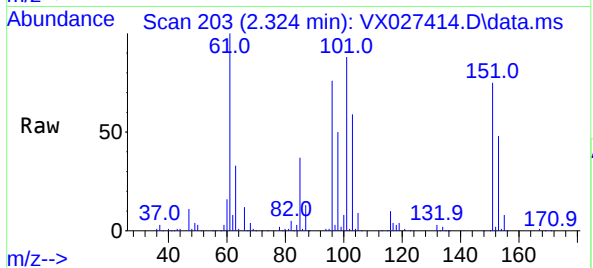
Tgt Ion: 74 Resp: 87921
Ion Ratio Lower Upper
74 100
45 83.5 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.131 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

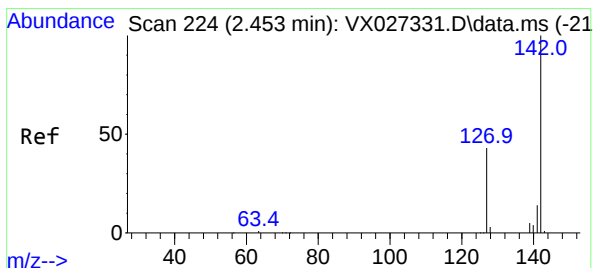
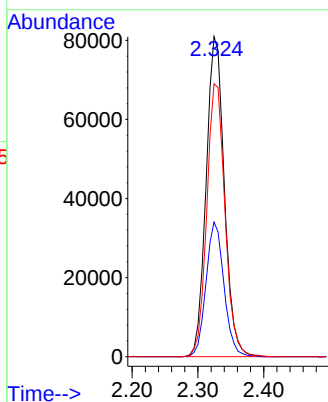
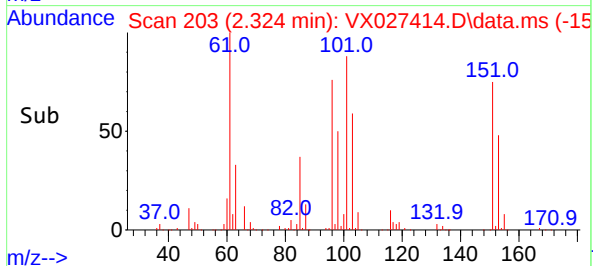
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ClientSampleId :
VSTDCCC050EC



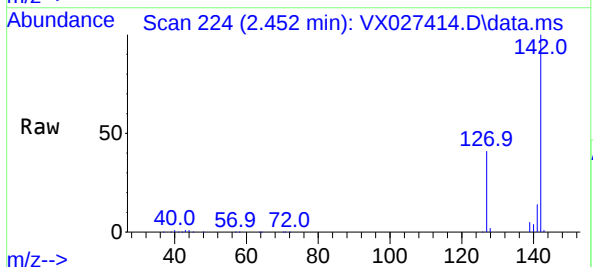
Tgt Ion:101 Resp: 155719
Ion Ratio Lower Upper
101 100
85 41.5 33.5 50.3
151 85.6 61.8 92.6

Manual Integrations
APPROVED

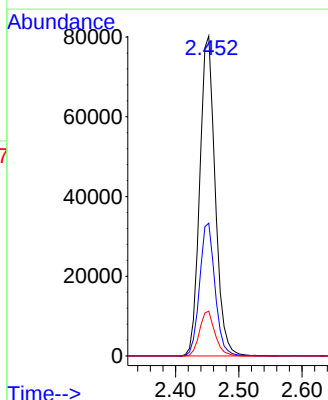
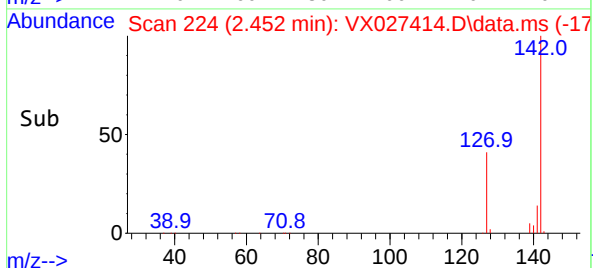
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

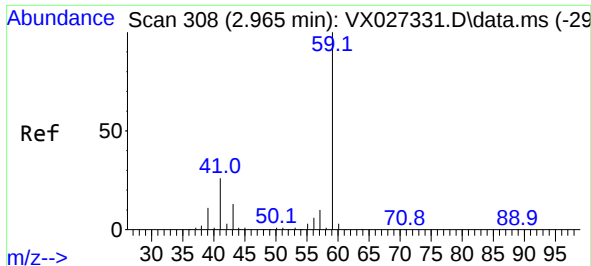


#10
Methyl Iodide
Concen: 28.033 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



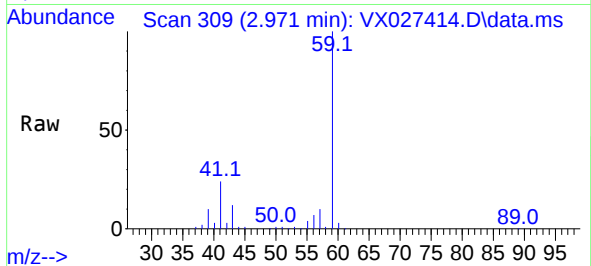
Tgt Ion:142 Resp: 136527
Ion Ratio Lower Upper
142 100
127 41.3 33.9 50.9
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 231.021 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

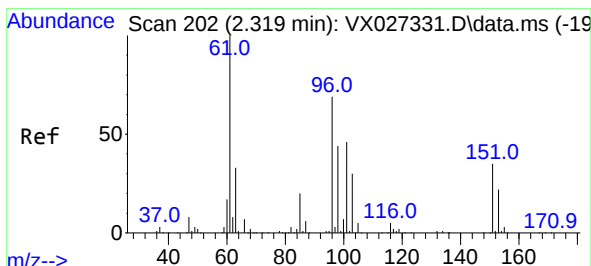
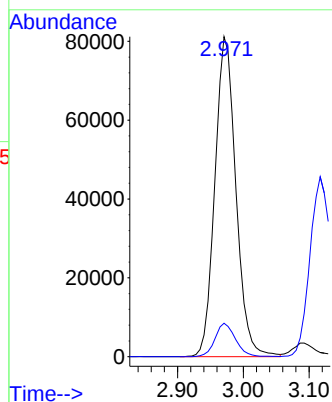
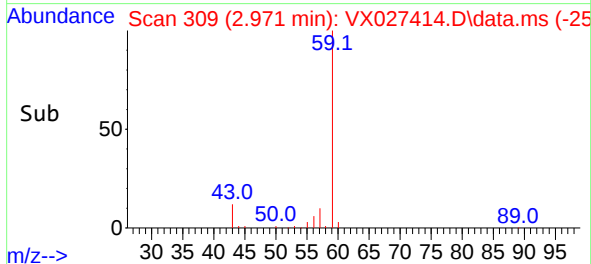
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 180674
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

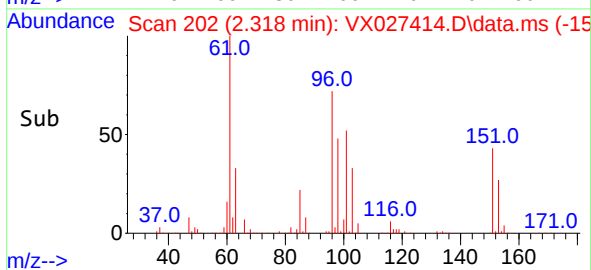
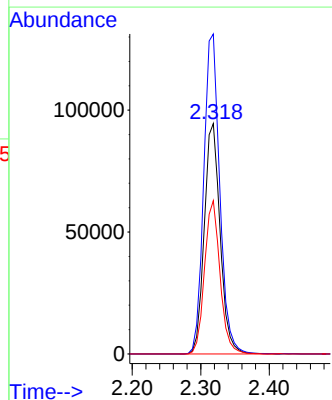
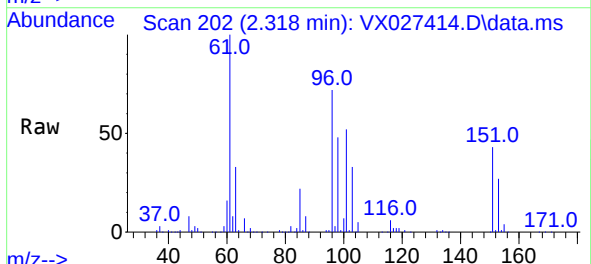
Manual Integrations
APPROVED

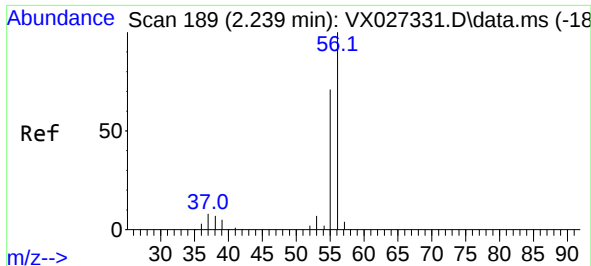
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#12
1,1-Dichloroethene
Concen: 45.915 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

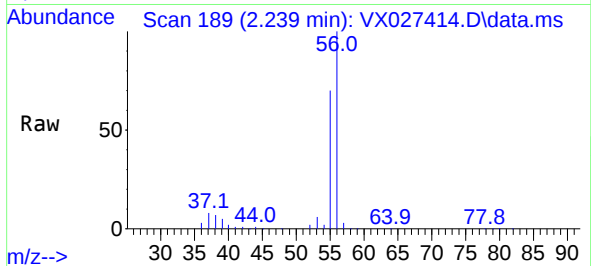
Tgt Ion: 96 Resp: 152301
Ion Ratio Lower Upper
96 100
61 138.9 124.6 187.0
98 66.5 51.0 76.4





#13
Acrolein
Concen: 196.001 ug/l
RT: 2.239 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

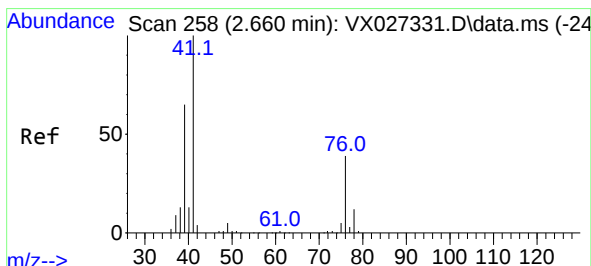
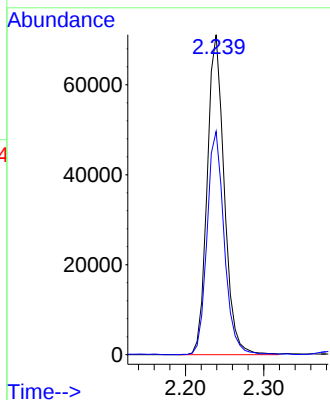
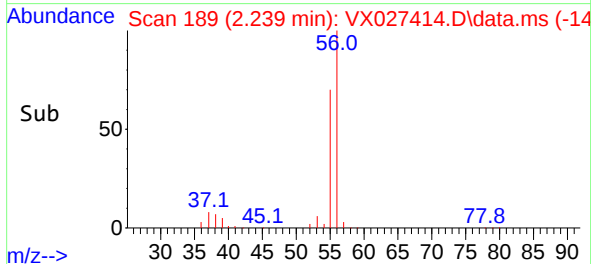
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



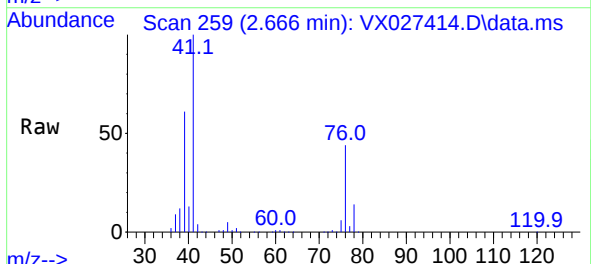
Tgt Ion: 56 Resp: 107448
Ion Ratio Lower Upper
56 100
55 70.5 55.0 82.6

Manual Integrations
APPROVED

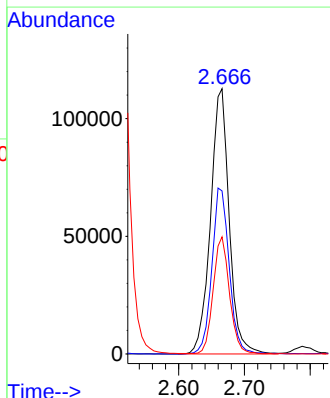
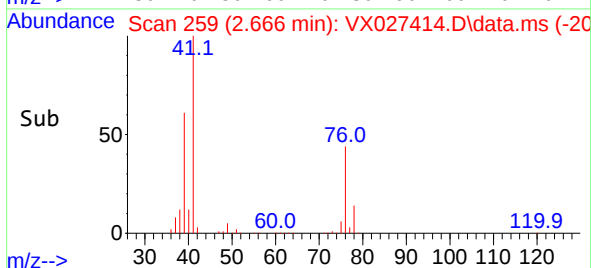
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

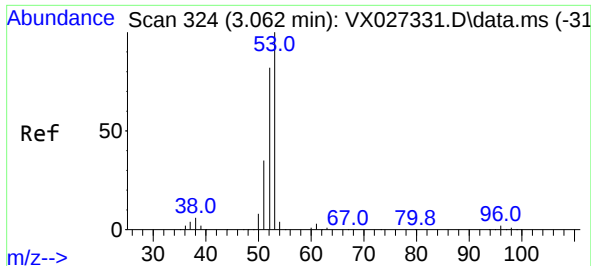


#14
Allyl chloride
Concen: 42.734 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



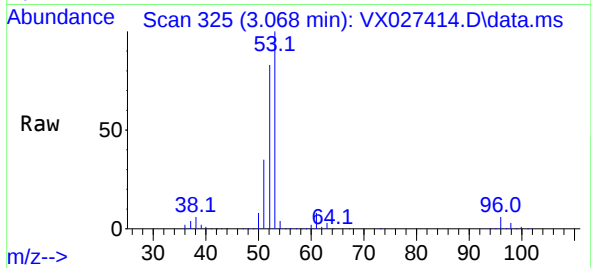
Tgt Ion: 41 Resp: 222341
Ion Ratio Lower Upper
41 100
39 58.3 50.4 75.6
76 38.7 32.7 49.1





#15
Acrylonitrile
Concen: 228.871 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

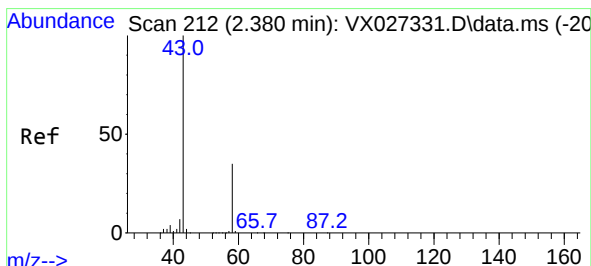
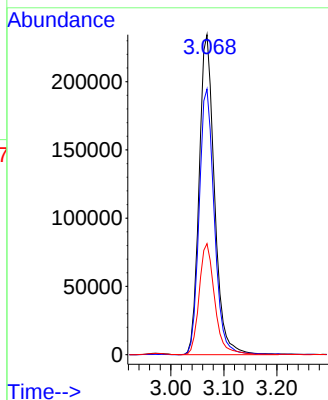
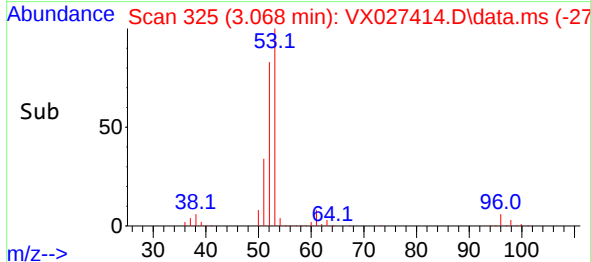
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 471063
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 35.3 28.4 42.6

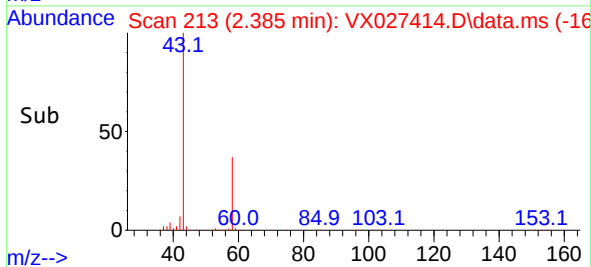
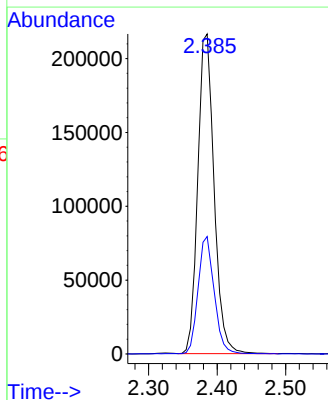
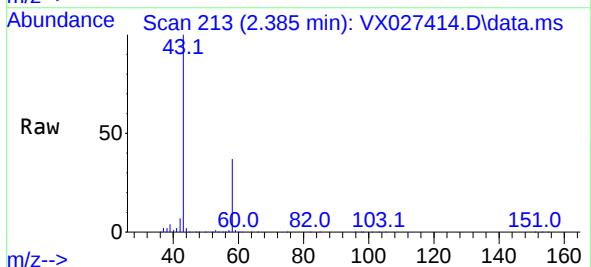
Manual Integrations
APPROVED

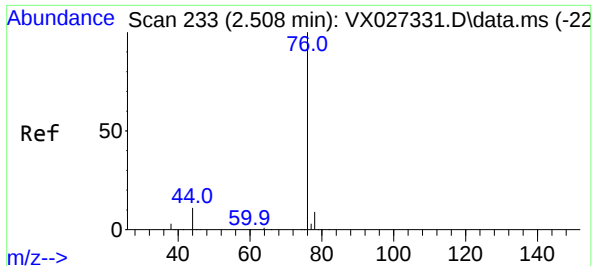
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#16
Acetone
Concen: 231.749 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

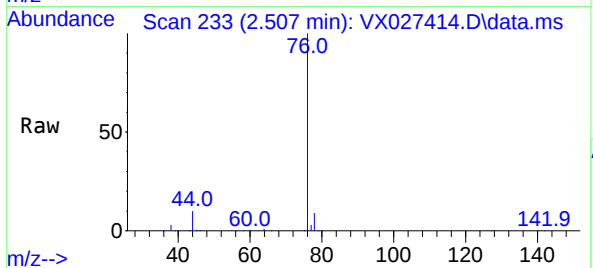
Tgt Ion: 43 Resp: 358635
Ion Ratio Lower Upper
43 100
58 36.7 28.8 43.2





#17
Carbon Disulfide
Concen: 40.470 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

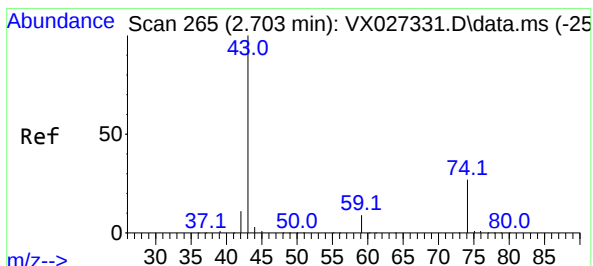
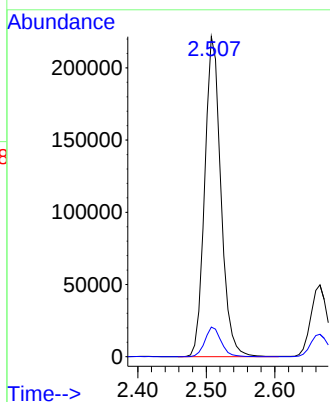
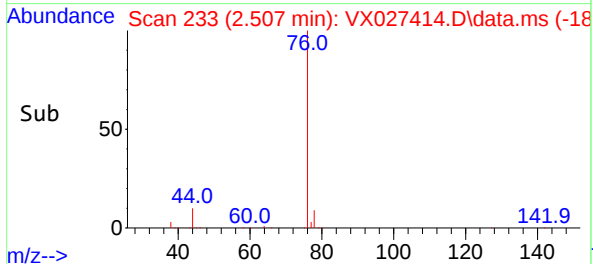
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



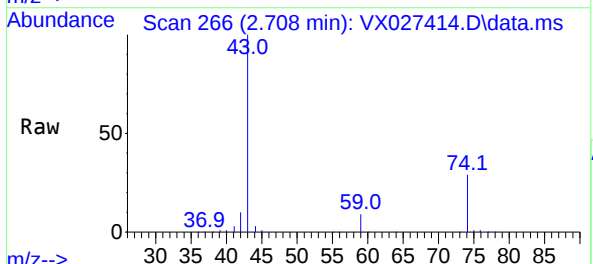
Tgt Ion: 76 Resp: 36471
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

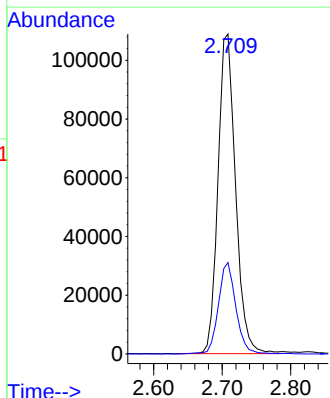
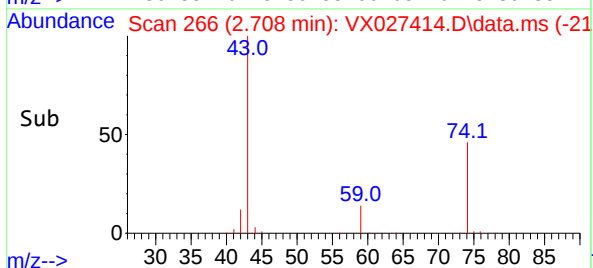
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

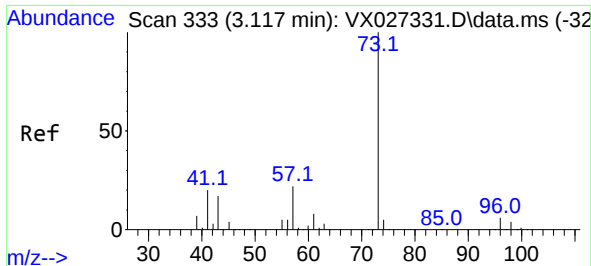


#18
Methyl Acetate
Concen: 44.047 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



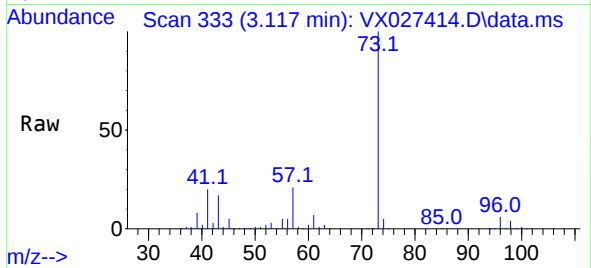
Tgt Ion: 43 Resp: 193161
Ion Ratio Lower Upper
43 100
74 28.6 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 45.870 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

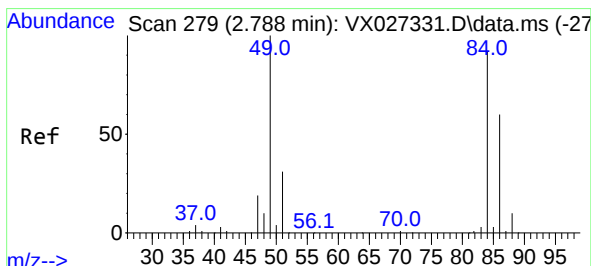
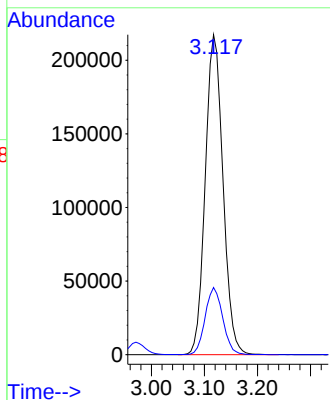
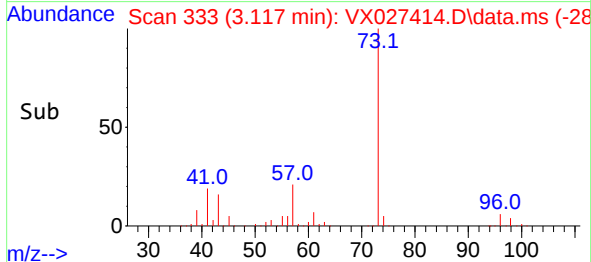
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



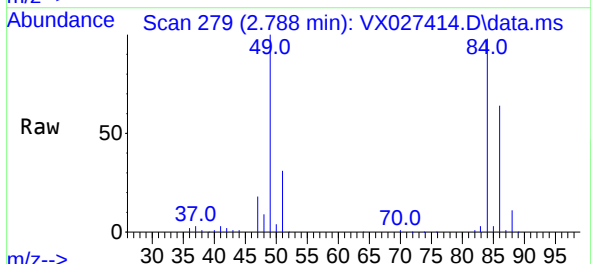
Tgt Ion: 73 Resp: 50411
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

Manual Integrations
APPROVED

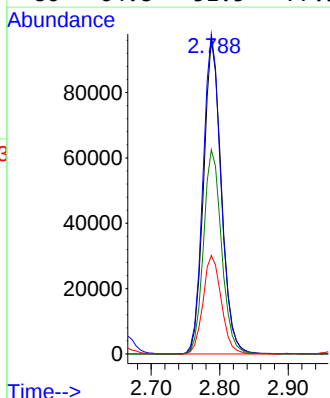
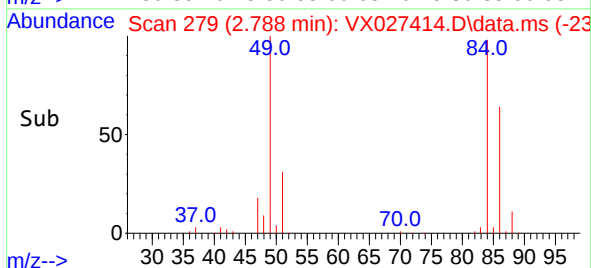
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

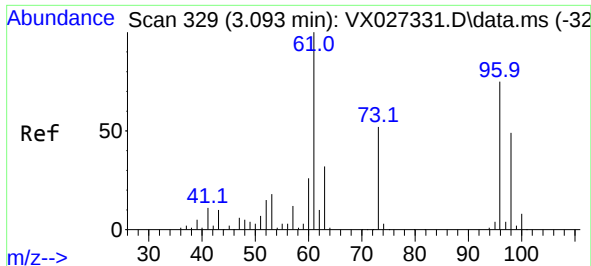


#20
Methylene Chloride
Concen: 44.744 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



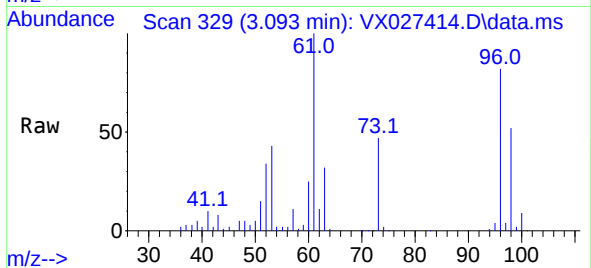
Tgt Ion: 84 Resp: 174384
Ion Ratio Lower Upper
84 100
49 101.6 85.5 128.3
51 31.3 26.6 39.8
86 64.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 44.870 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

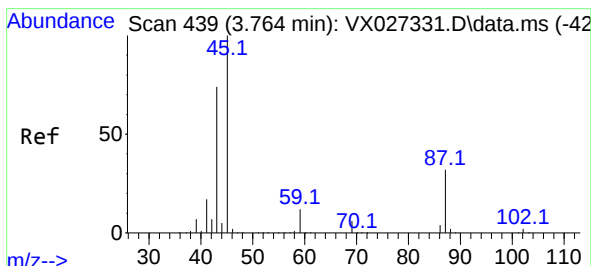
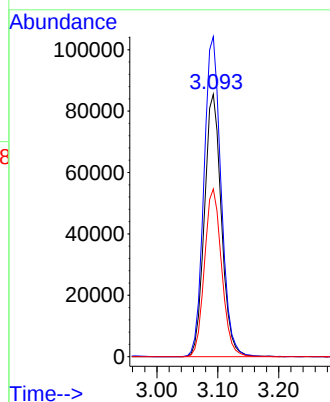
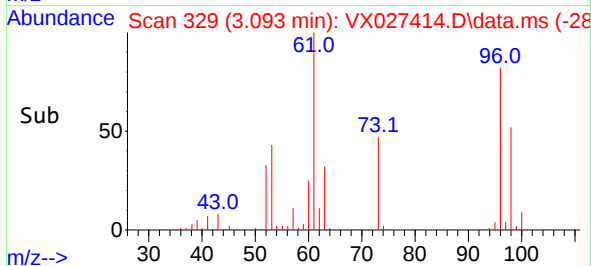
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



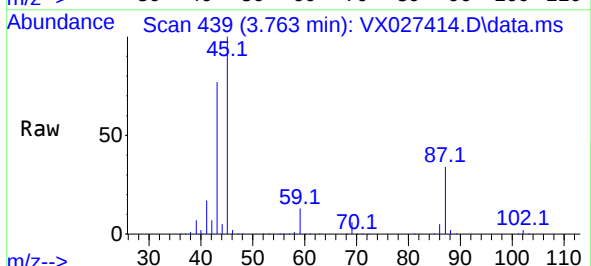
Tgt Ion: 96 Resp: 165430
Ion Ratio Lower Upper
96 100
61 121.9 105.4 158.2
98 63.9 50.0 75.0

Manual Integrations
APPROVED

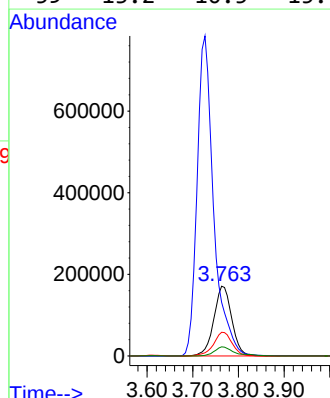
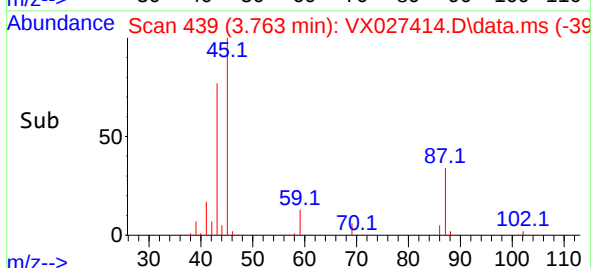
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

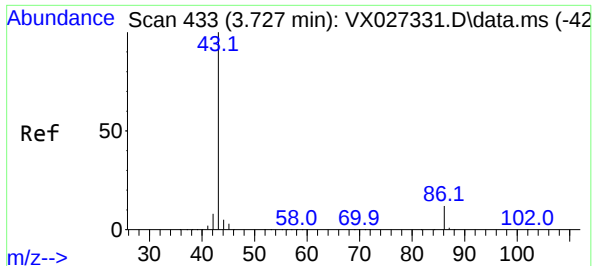


#22
Diisopropyl ether
Concen: 44.675 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



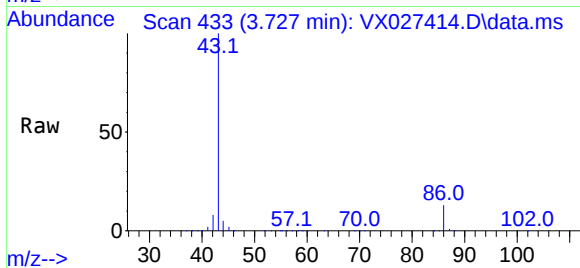
Tgt Ion: 45 Resp: 464672
Ion Ratio Lower Upper
45 100
43 76.7 50.8 76.2#
87 33.9 26.6 39.8
59 13.2 10.5 15.7





#23
 Vinyl Acetate
 Concen: 226.905 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX027414.D
 Acq: 11 Mar 2022 20:02

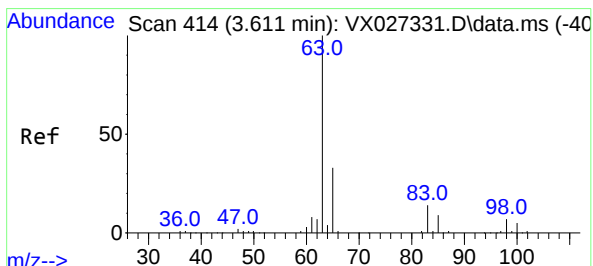
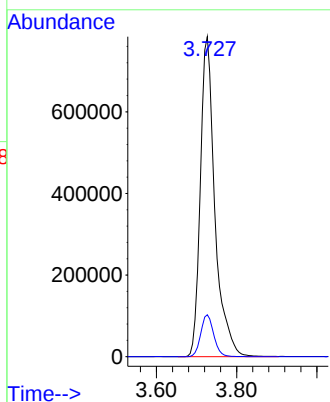
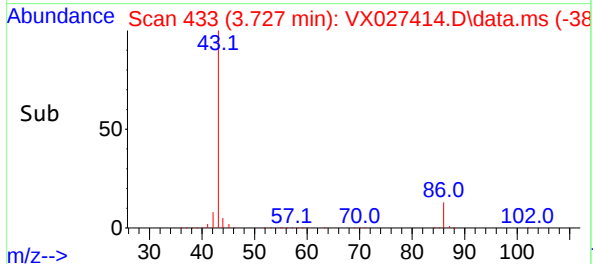
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



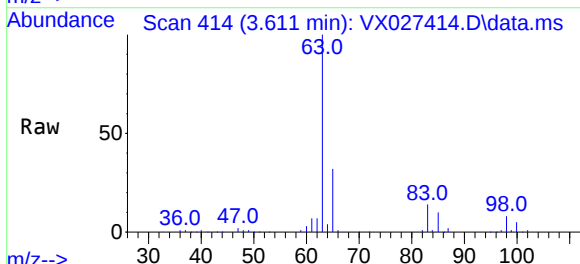
Tgt Ion: 43 Resp: 197435
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.8 16.2

Manual Integrations
 APPROVED

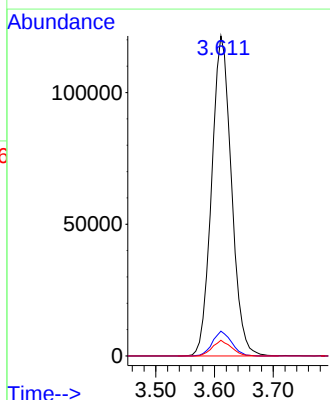
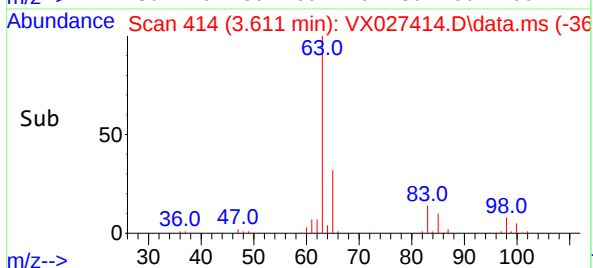
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

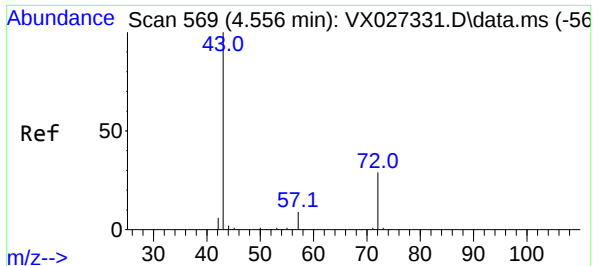


#24
 1,1-Dichloroethane
 Concen: 45.054 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX027414.D
 Acq: 11 Mar 2022 20:02



Tgt Ion: 63 Resp: 284540
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 222.930 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 612594

Ion Ratio Lower Upper

43 100

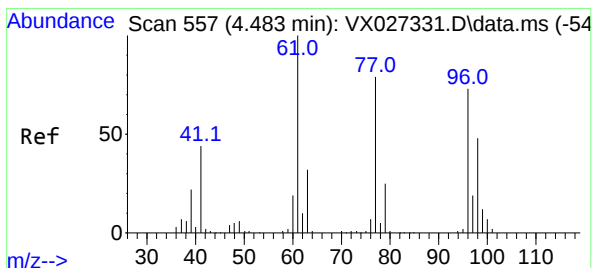
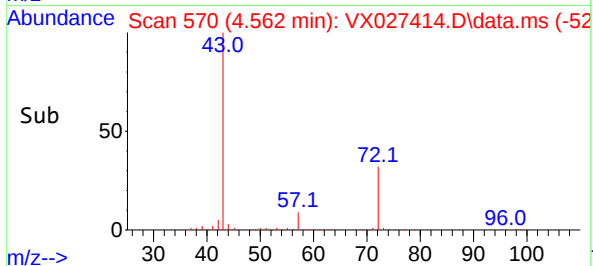
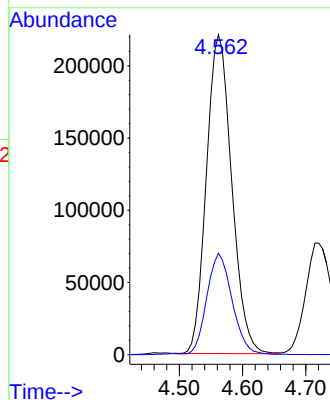
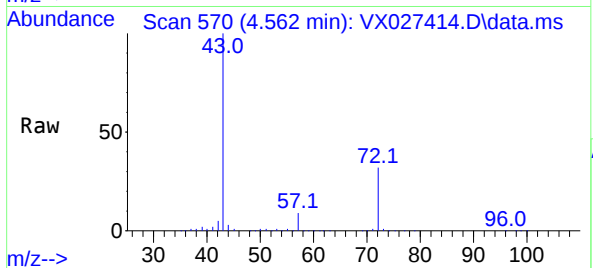
72 31.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#26

2,2-Dichloropropane

Concen: 41.776 ug/l

RT: 4.476 min Scan# 556

Delta R.T. -0.007 min

Lab File: VX027414.D

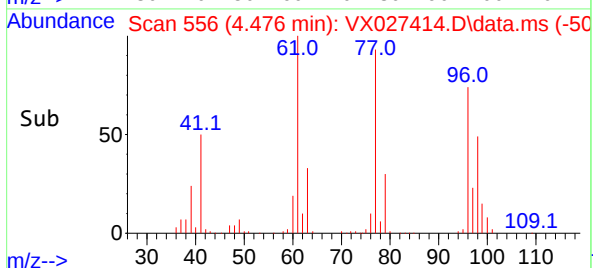
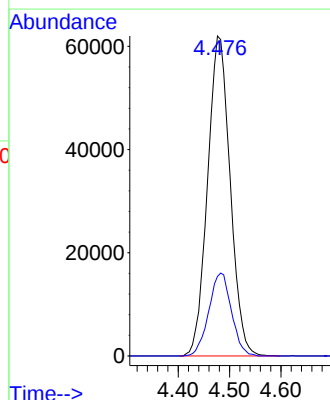
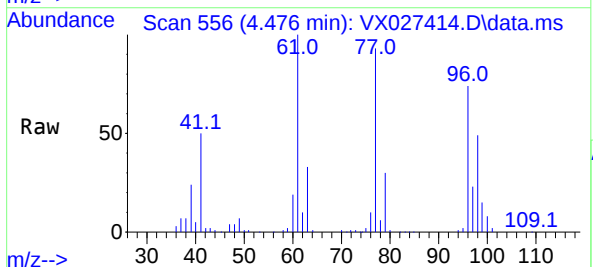
Acq: 11 Mar 2022 20:02

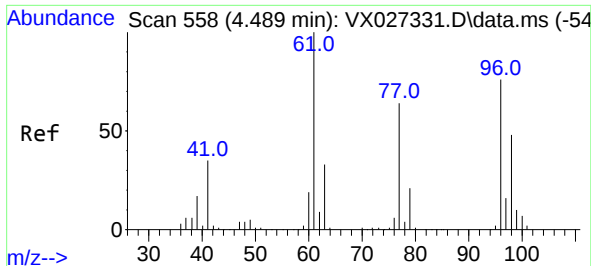
Tgt Ion: 77 Resp: 189173

Ion Ratio Lower Upper

77 100

97 25.9 11.8 35.4





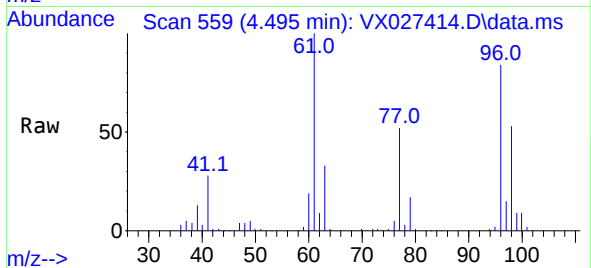
#27
cis-1,2-Dichloroethene
Concen: 46.604 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



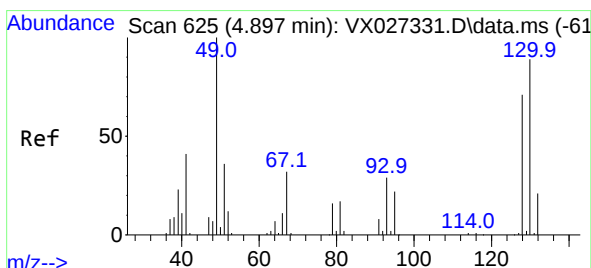
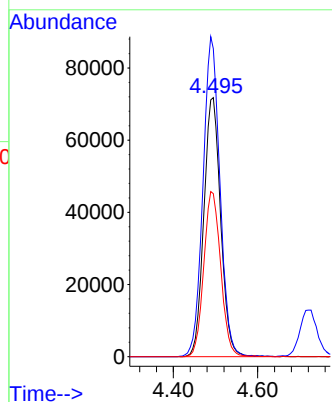
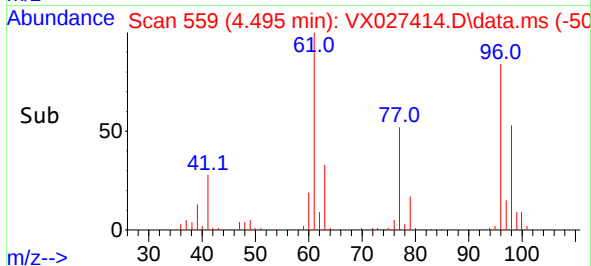
Tgt Ion: 96 Resp: 199348
Ion Ratio Lower Upper
96 100
61 124.7 0.0 283.8
98 64.0 0.0 129.8

Manual Integrations

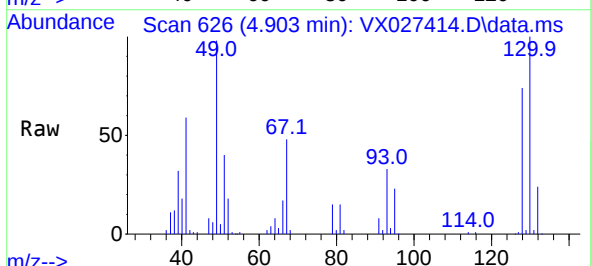
APPROVED

Reviewed By :John Carlone 03/14/2022

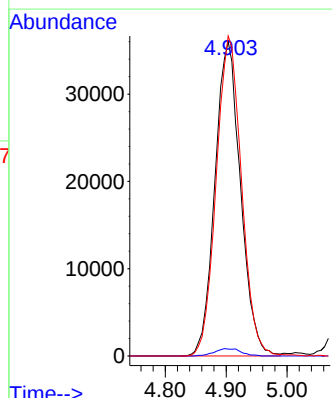
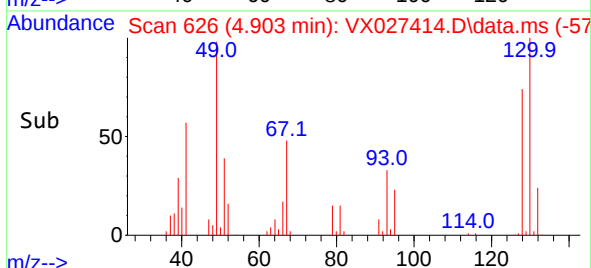
Supervised By :Mahesh Dadoda 03/14/2022

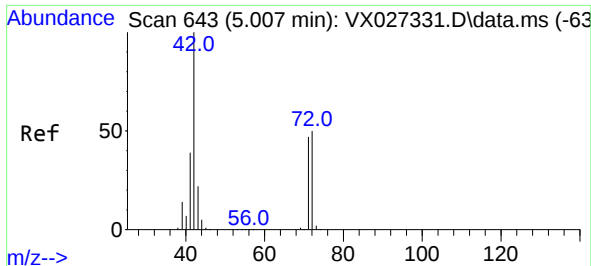


#28
Bromochloromethane
Concen: 39.929 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 49 Resp: 104926
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 100.6 70.7 106.1





#29

Tetrahydrofuran

Concen: 224.180 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX027414.D

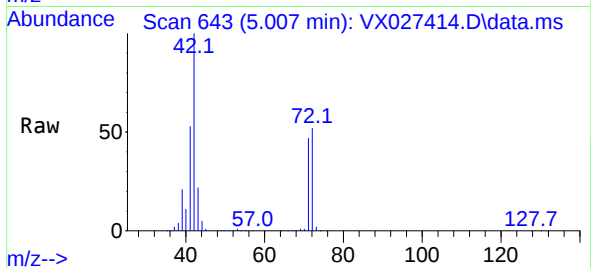
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 407609

Ion Ratio Lower Upper

42 100

72 52.6 44.1 66.1

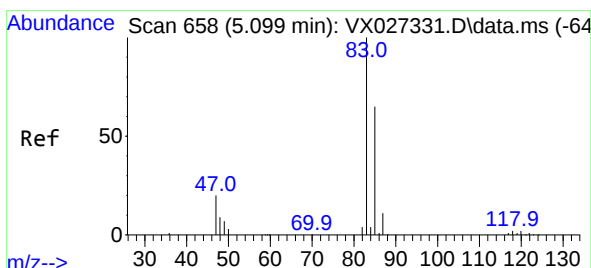
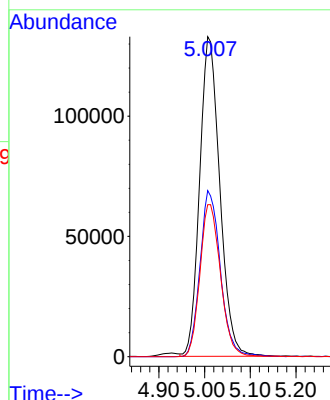
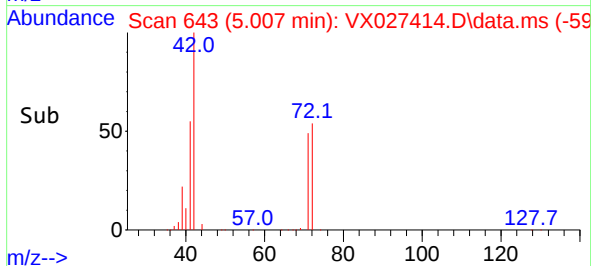
71 48.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#30

Chloroform

Concen: 45.690 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX027414.D

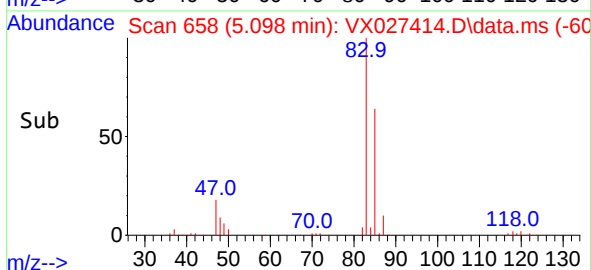
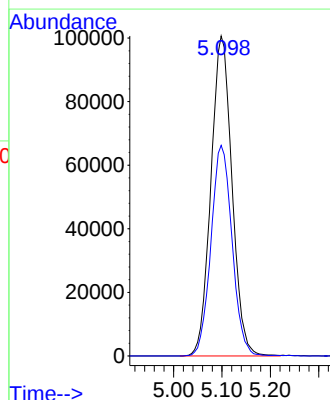
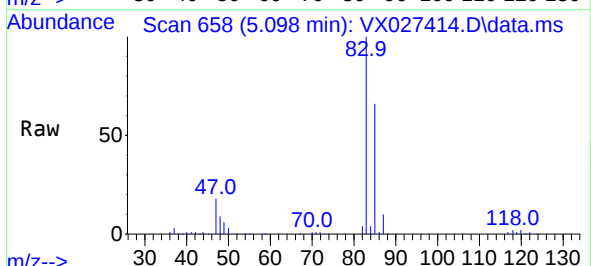
Acq: 11 Mar 2022 20:02

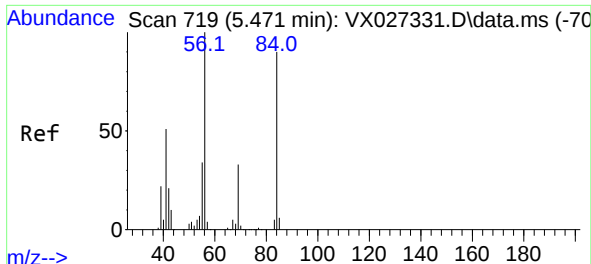
Tgt Ion: 83 Resp: 304566

Ion Ratio Lower Upper

83 100

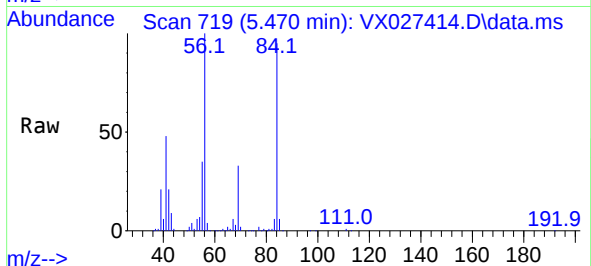
85 65.8 52.7 79.1





#31
Cyclohexane
Concen: 44.322 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

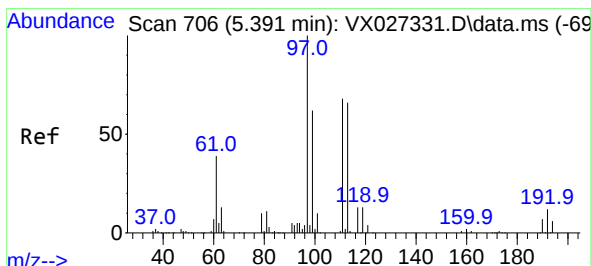
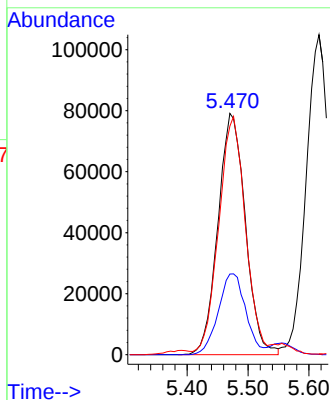
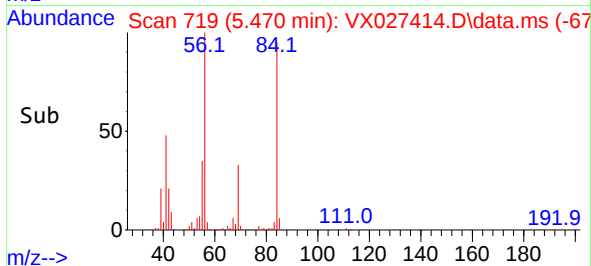
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



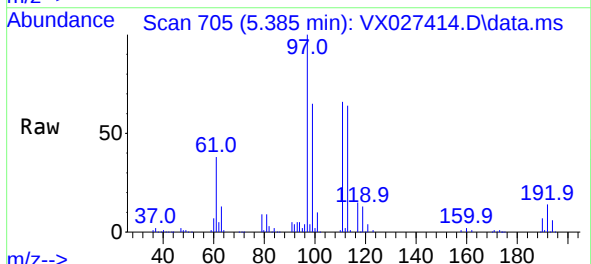
Tgt Ion: 56 Resp: 247320
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 93.0 77.2 115.8

Manual Integrations
APPROVED

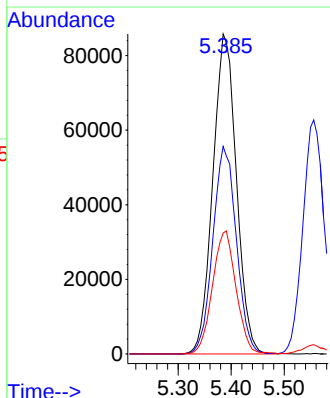
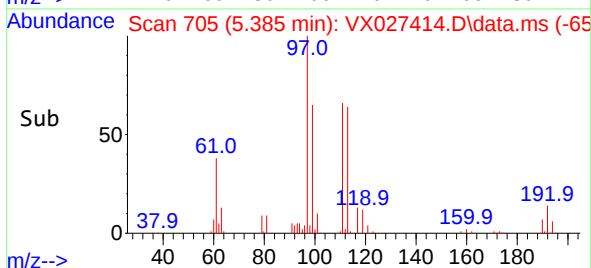
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

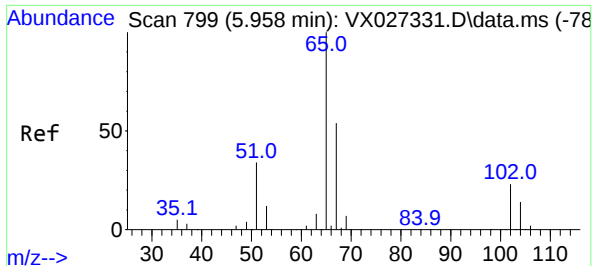


#32
1,1,1-Trichloroethane
Concen: 46.408 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 97 Resp: 264399
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 38.5 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 43.386 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

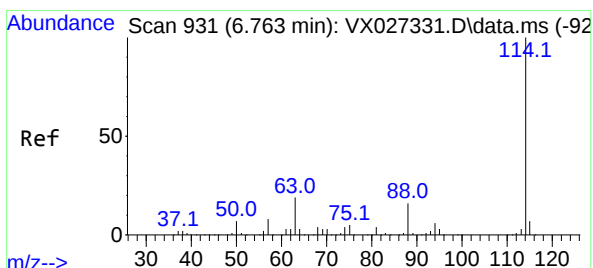
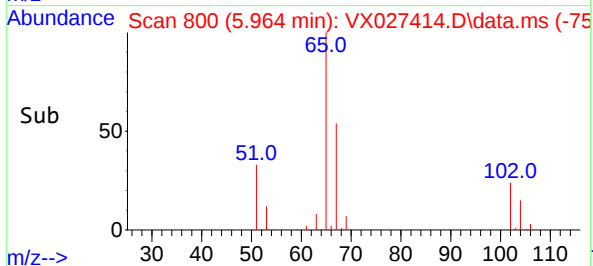
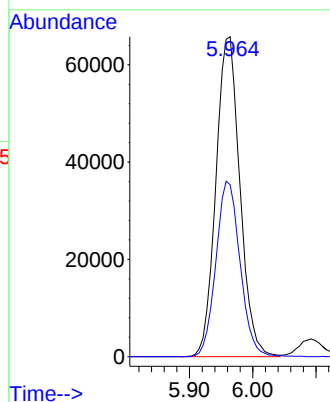
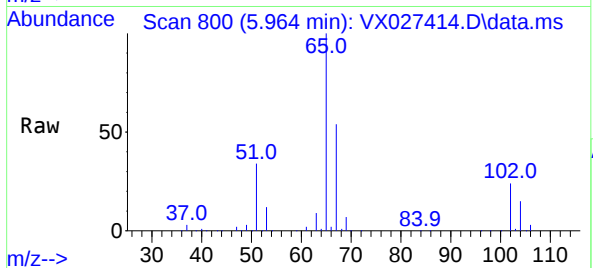
VSTDCCC050EC

Tgt Ion: 65 Resp: 173079
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.4

Manual Integrations

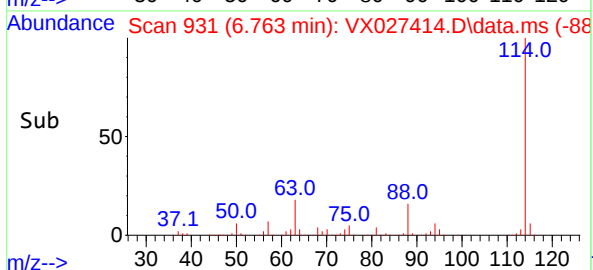
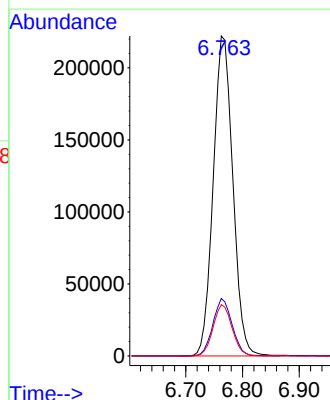
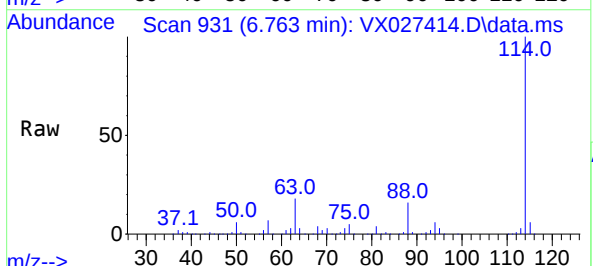
APPROVED

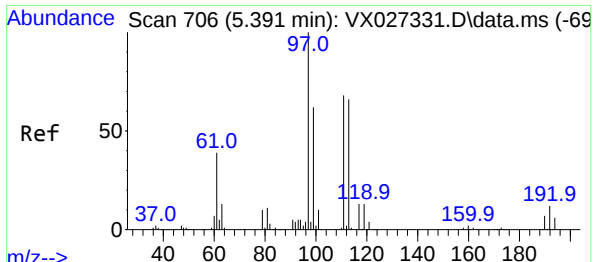
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

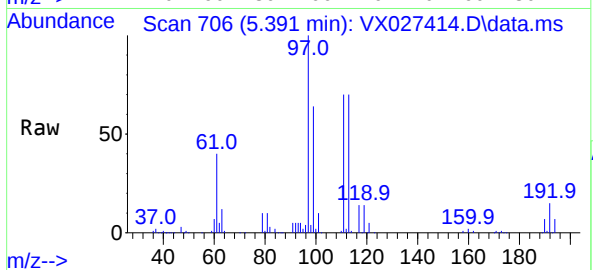
Tgt Ion:114 Resp: 533306
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 16.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 48.896 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

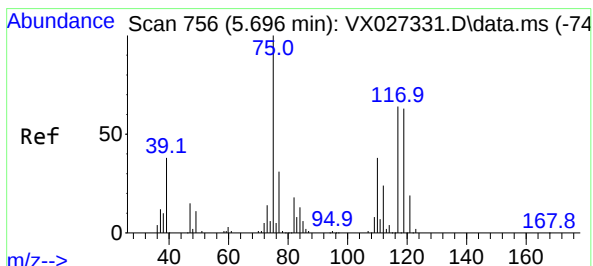
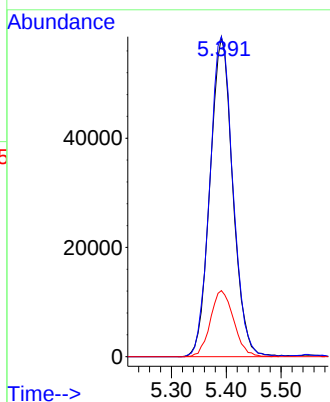
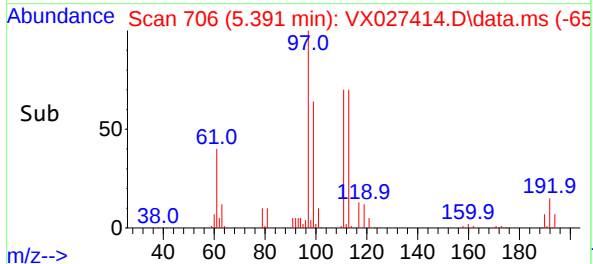
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



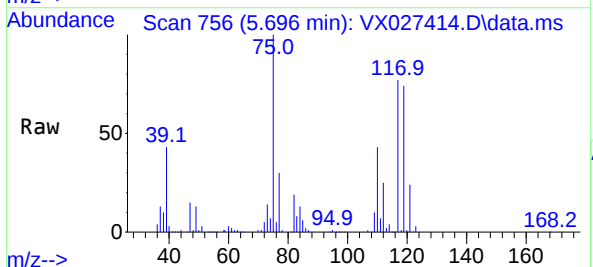
Tgt Ion:113 Resp: 16826
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 21.2 16.9 25.3

Manual Integrations
APPROVED

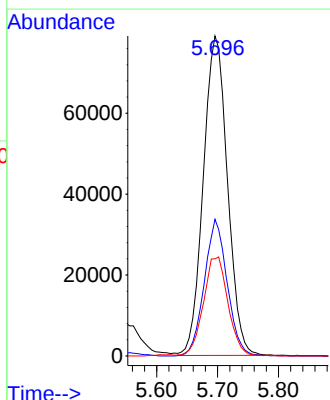
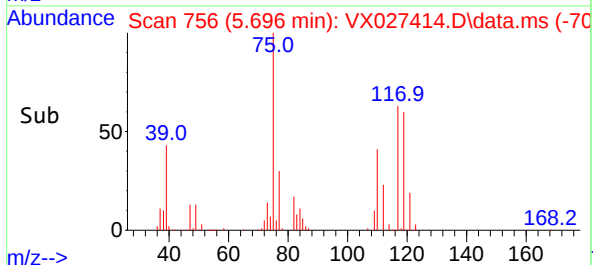
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

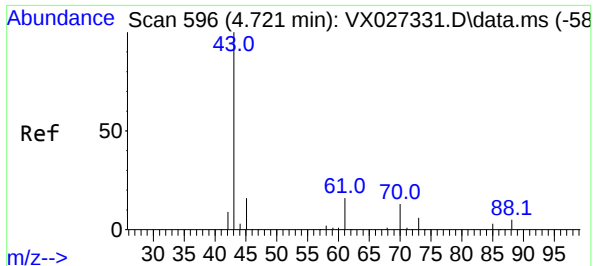


#36
1,1-Dichloropropene
Concen: 45.553 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 75 Resp: 217643
Ion Ratio Lower Upper
75 100
110 40.5 18.3 54.8
77 31.6 24.8 37.2





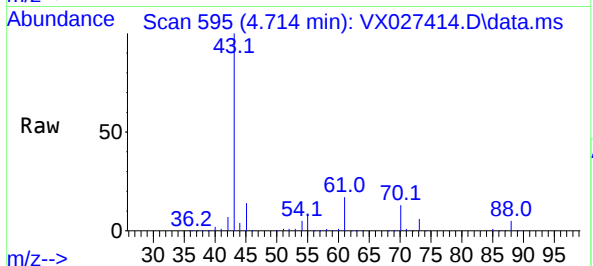
#37
Ethyl Acetate
Concen: 45.676 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.007 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

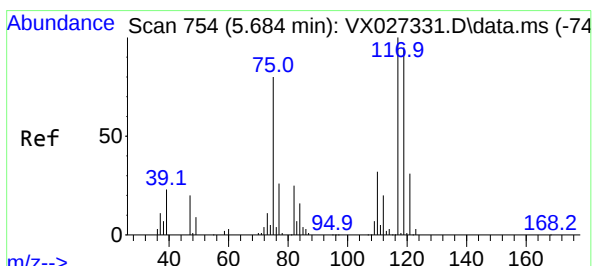
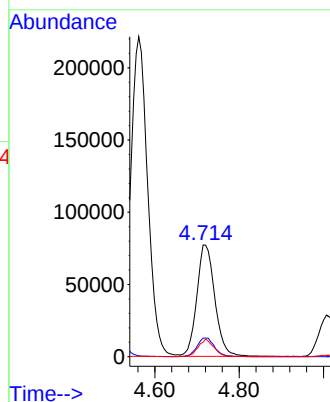
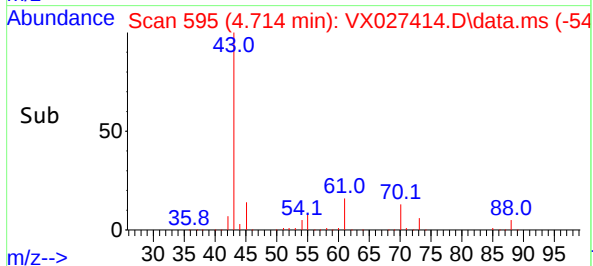


Tgt Ion: 43 Resp: 23003
Ion Ratio Lower Upper
43 100
61 16.5 12.6 19.0
70 13.7 10.2 15.2

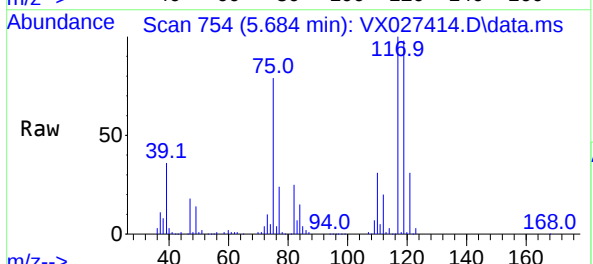
Manual Integrations

APPROVED

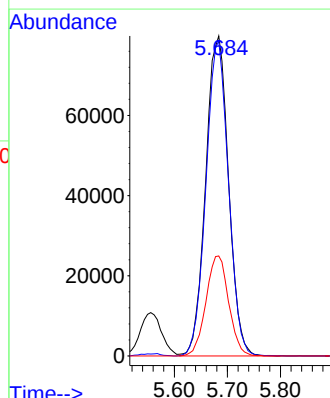
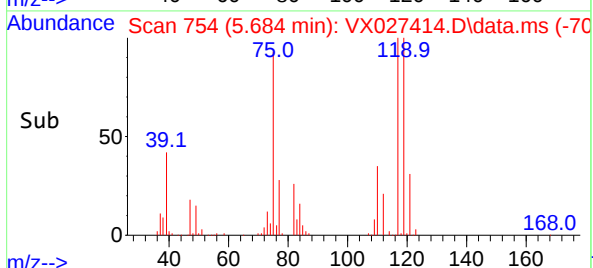
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

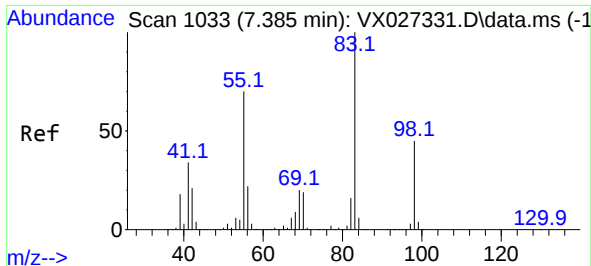


#38
Carbon Tetrachloride
Concen: 48.438 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



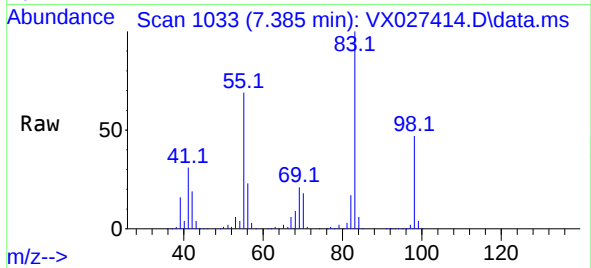
Tgt Ion:117 Resp: 239305
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 46.151 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

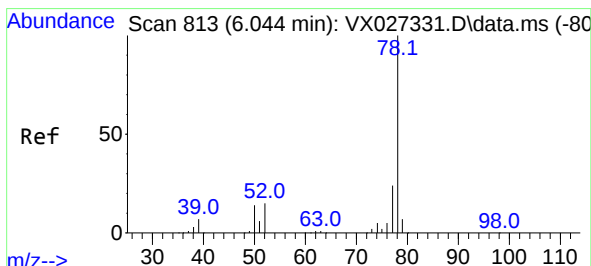
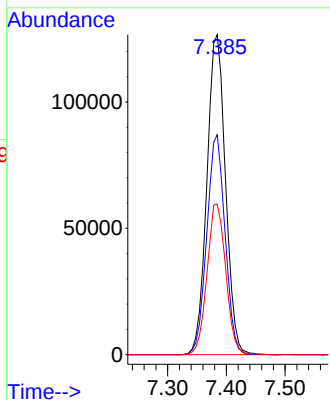
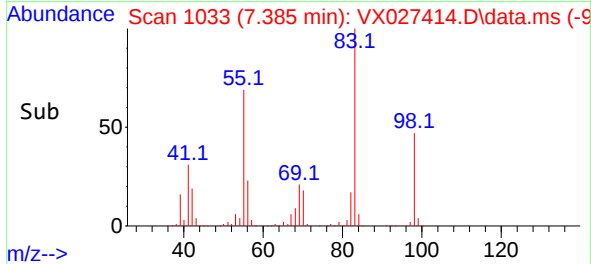
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



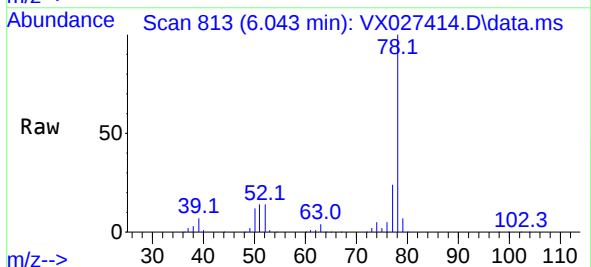
Tgt Ion: 83 Resp: 27844
Ion Ratio Lower Upper
83 100
55 68.7 54.6 81.8
98 47.1 37.4 56.2

Manual Integrations
APPROVED

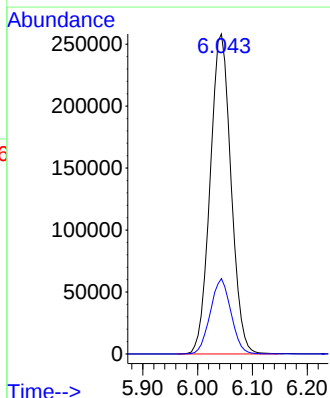
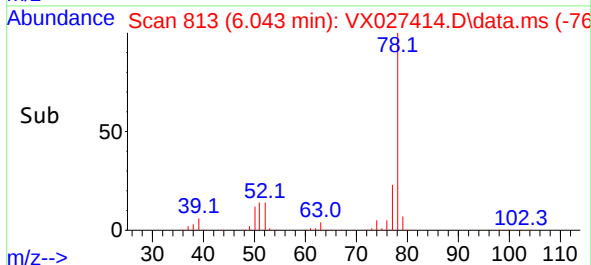
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

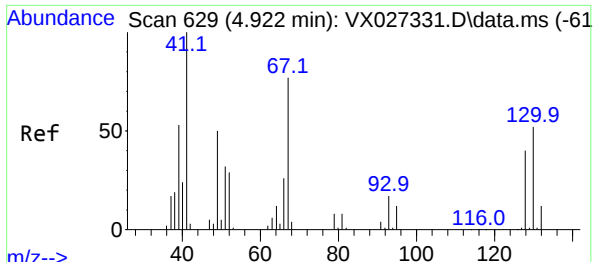


#40
Benzene
Concen: 46.907 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



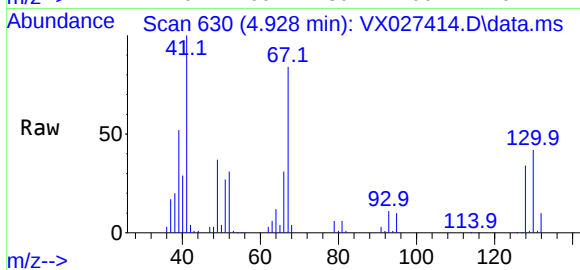
Tgt Ion: 78 Resp: 682591
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 45.873 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

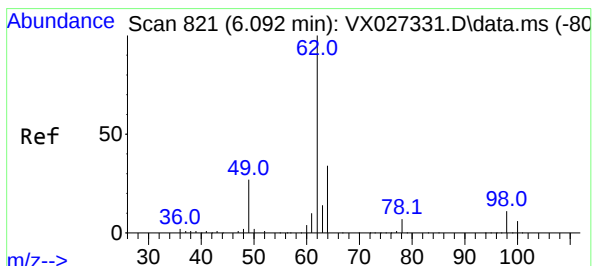
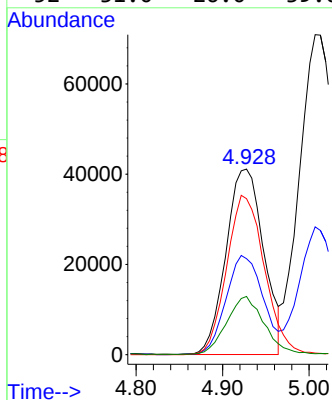
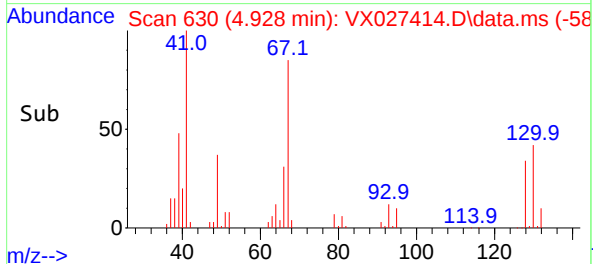
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 12456
Ion Ratio Lower Upper
41 100
39 52.6 43.0 64.4
67 86.7 70.2 105.4
52 31.0 26.0 39.0

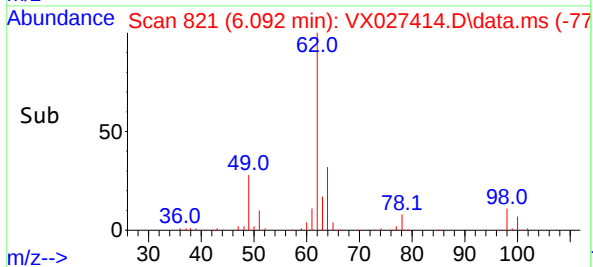
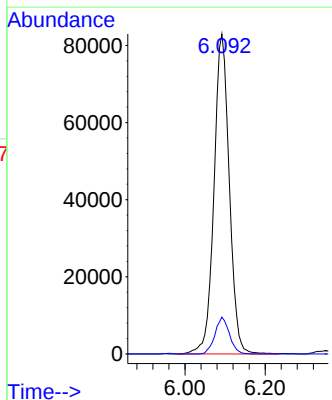
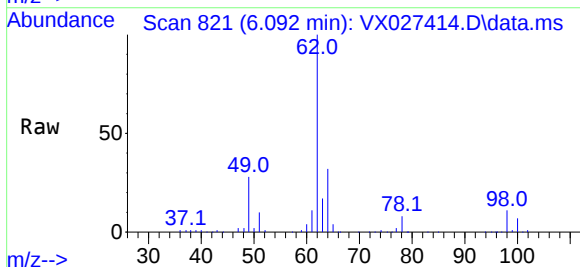
Manual Integrations
APPROVED

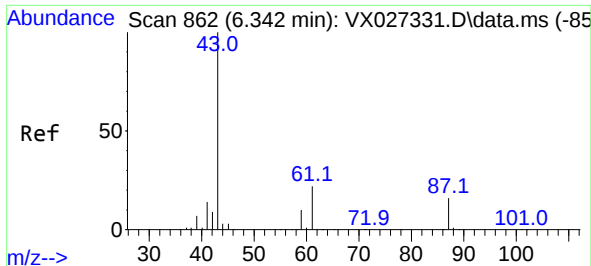
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
1,2-Dichloroethane
Concen: 46.239 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

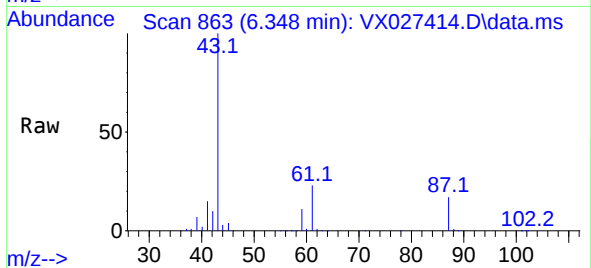
Tgt Ion: 62 Resp: 219803
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.4





#43
Isopropyl Acetate
Concen: 45.153 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

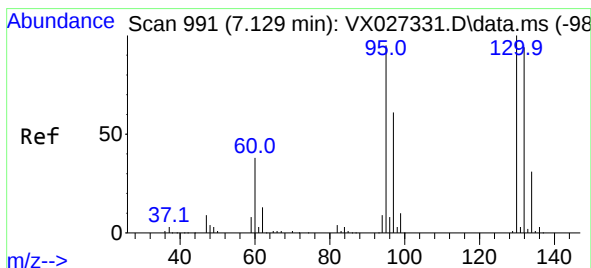
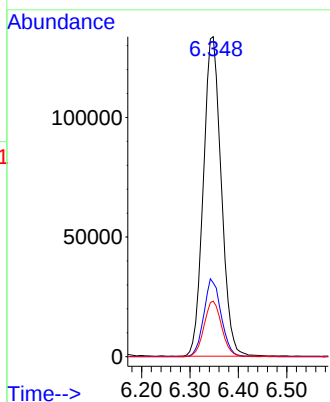
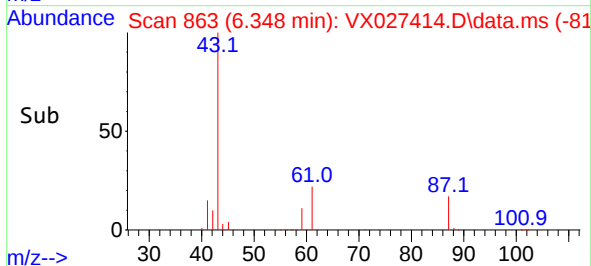
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



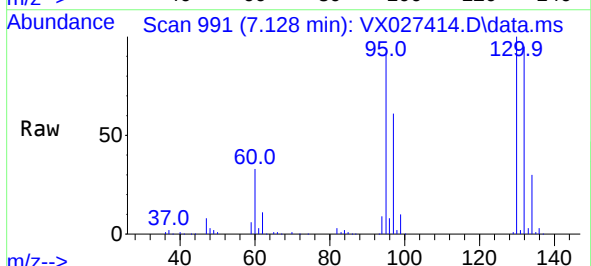
Tgt Ion: 43 Resp: 342800
Ion Ratio Lower Upper
43 100
61 23.7 18.5 27.7
87 17.2 13.0 19.6

Manual Integrations
APPROVED

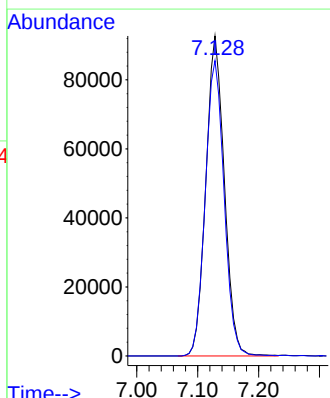
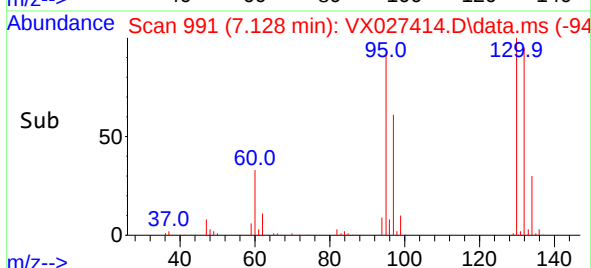
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

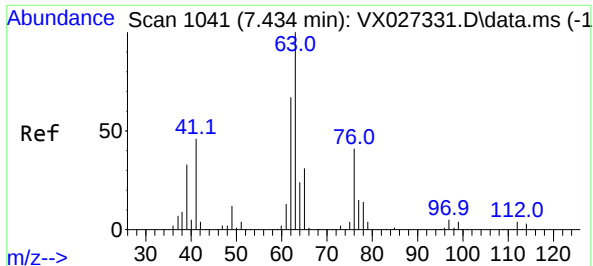


#44
Trichloroethene
Concen: 48.972 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion:130 Resp: 195733
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 46.902 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17101

Ion Ratio Lower Upper

63 100

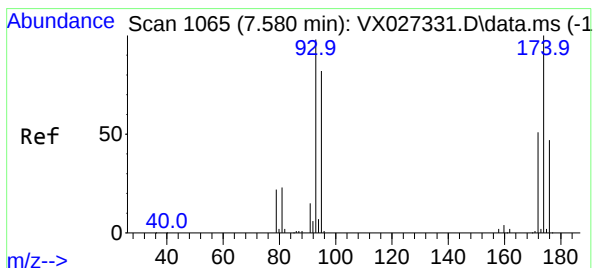
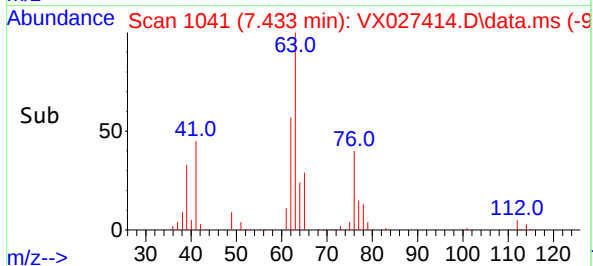
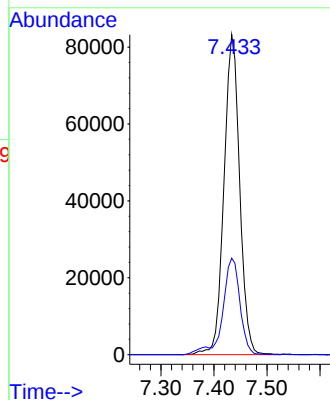
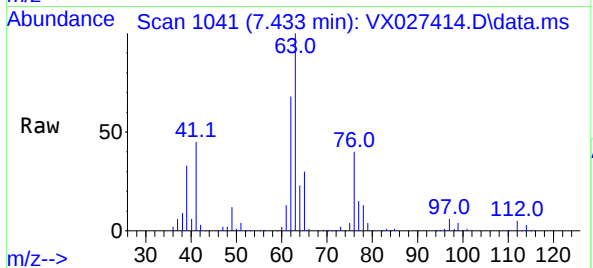
65 30.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

Dibromomethane

Concen: 48.308 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

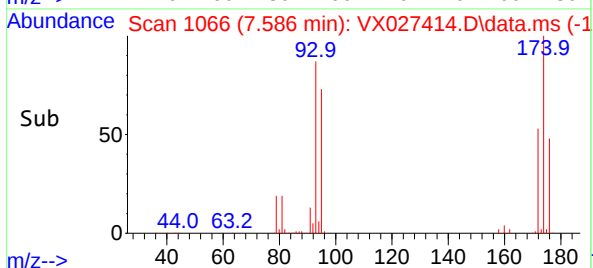
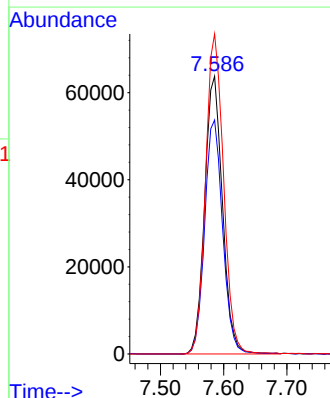
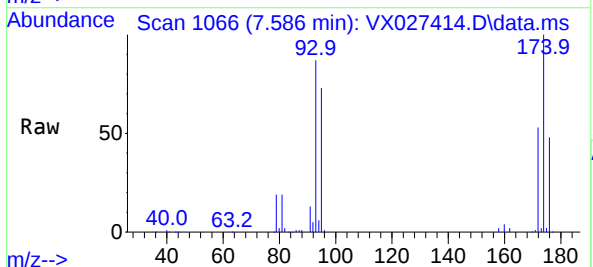
Tgt Ion: 93 Resp: 125319

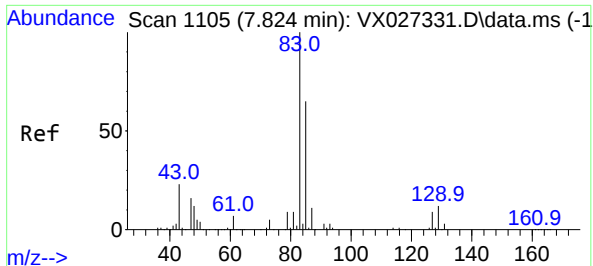
Ion Ratio Lower Upper

93 100

95 85.2 65.8 98.6

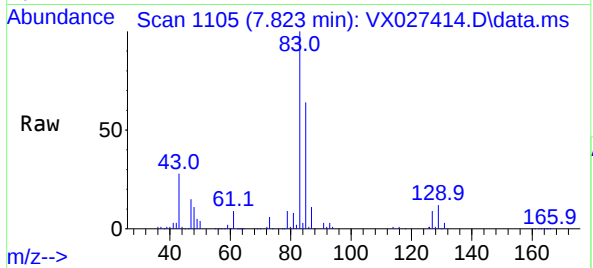
174 115.8 85.4 128.2





#47
Bromodichloromethane
Concen: 48.726 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

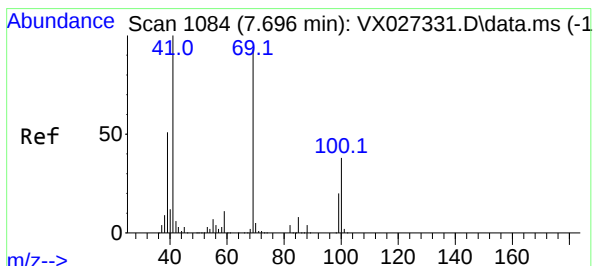
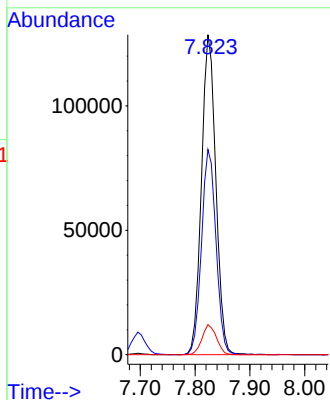
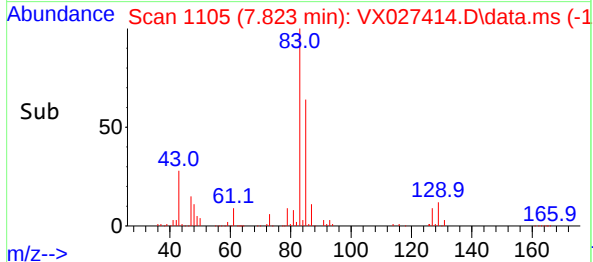
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



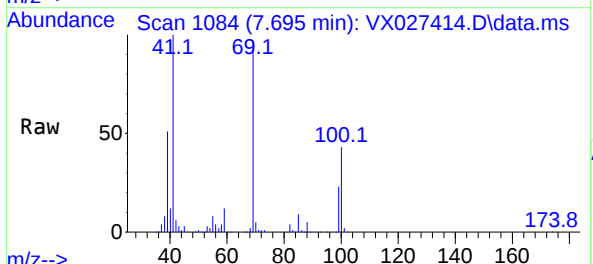
Tgt Ion: 83 Resp: 233435
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2
127 9.4 6.8 10.2

Manual Integrations
APPROVED

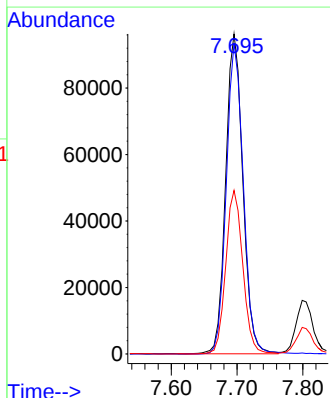
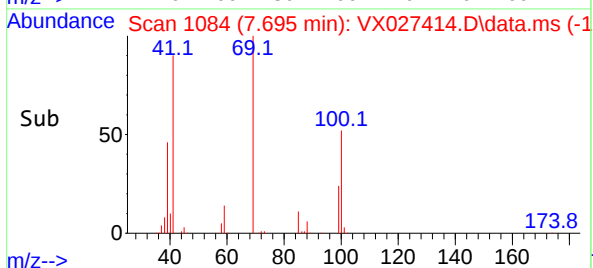
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

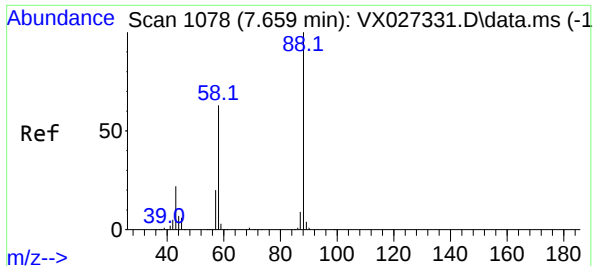


#48
Methyl methacrylate
Concen: 46.266 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 41 Resp: 174669
Ion Ratio Lower Upper
41 100
69 96.4 82.5 123.7
39 51.0 43.8 65.8





#49

1,4-Dioxane

Concen: 1008.173 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 99670

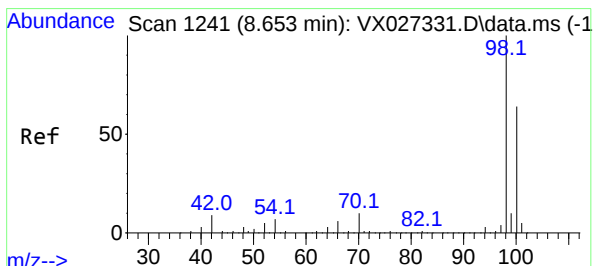
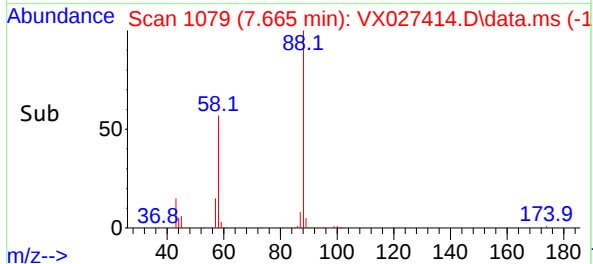
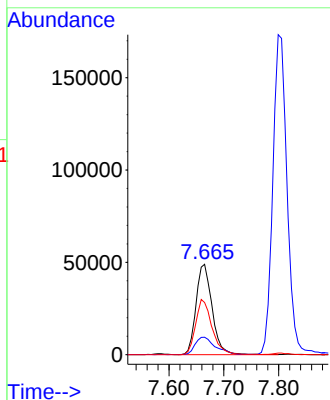
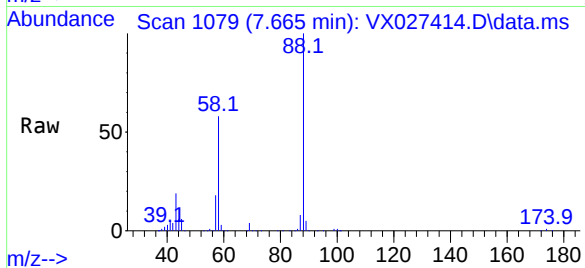
Ion	Ratio	Lower	Upper
88	100		
43	24.7	21.9	32.9
58	62.4	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

Toluene-d8

Concen: 47.670 ug/l

RT: 8.653 min Scan# 1241

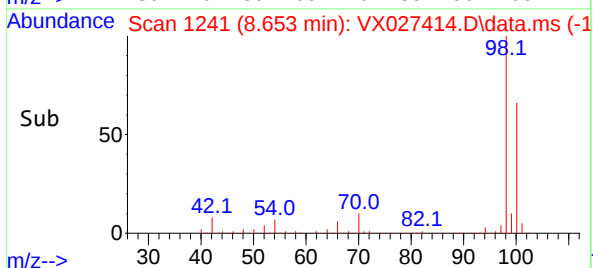
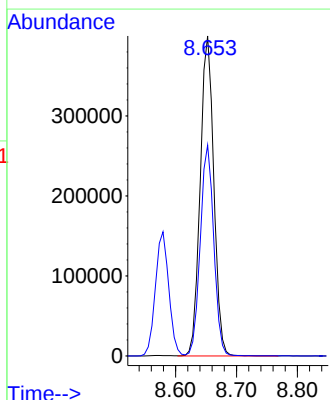
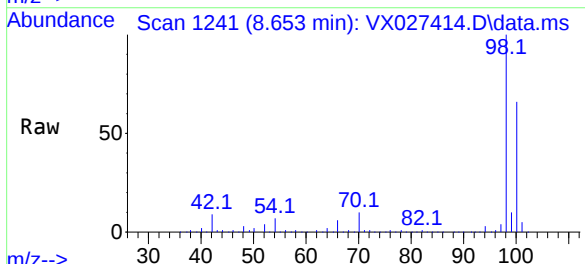
Delta R.T. -0.000 min

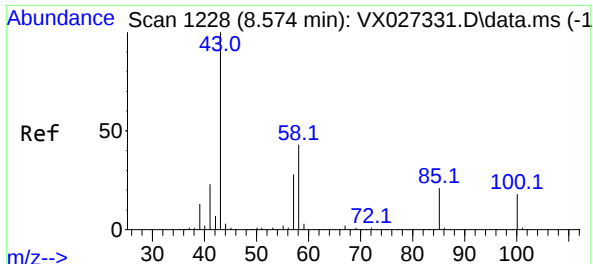
Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Tgt Ion: 98 Resp: 619306

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 230.688 ug/l
RT: 8.579 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

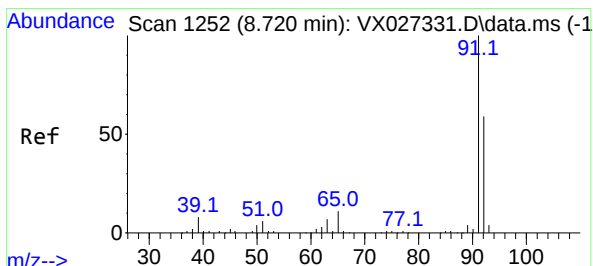
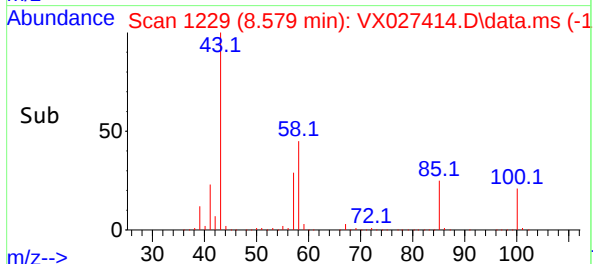
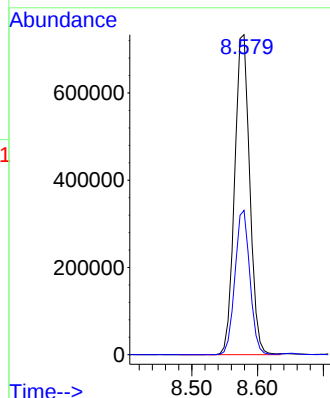
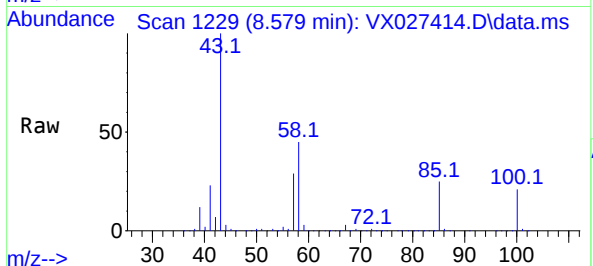
VSTDCCC050EC

Tgt Ion: 43 Resp: 117255
Ion Ratio Lower Upper
43 100
58 44.5 36.1 54.1

Manual Integrations

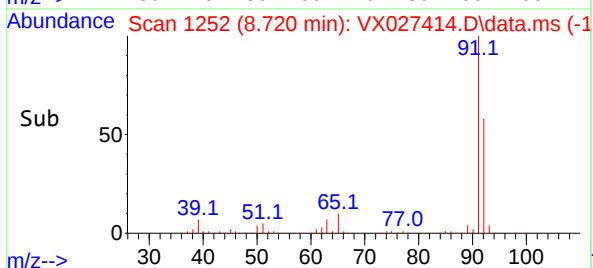
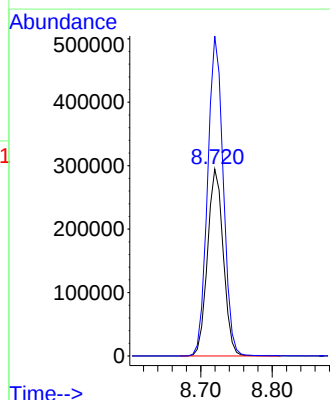
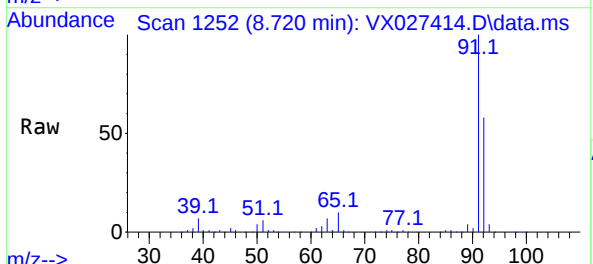
APPROVED

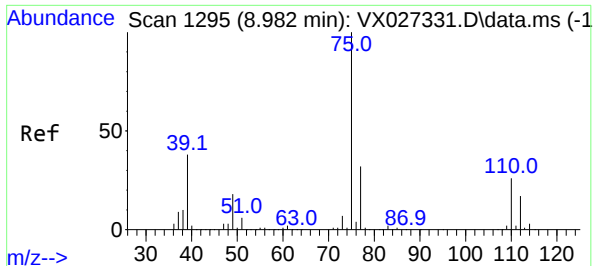
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Toluene
Concen: 48.622 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Tgt Ion: 92 Resp: 451060
Ion Ratio Lower Upper
92 100
91 169.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 49.010 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 24091

Ion Ratio Lower Upper

75 100

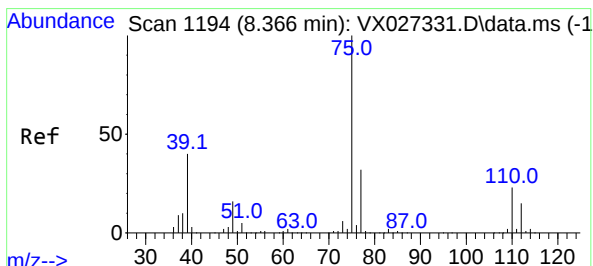
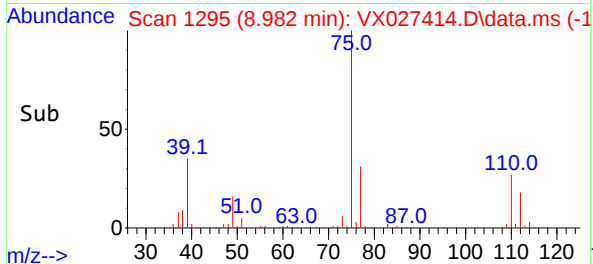
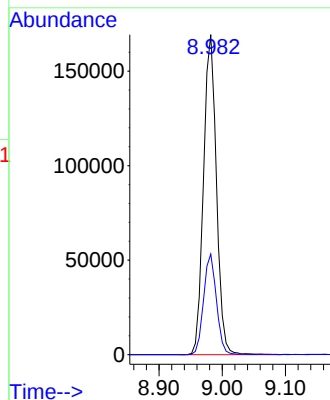
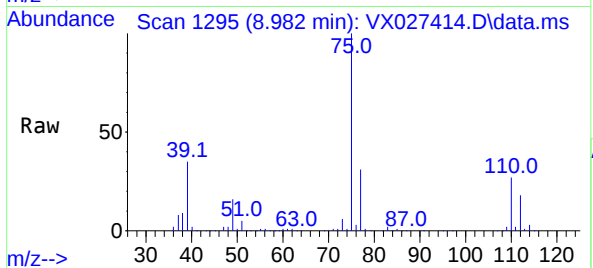
77 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

cis-1,3-Dichloropropene

Concen: 48.540 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

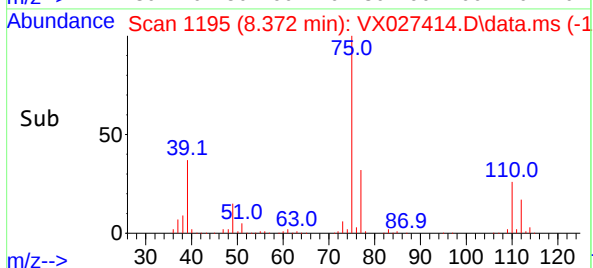
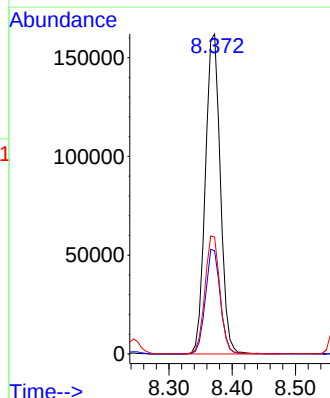
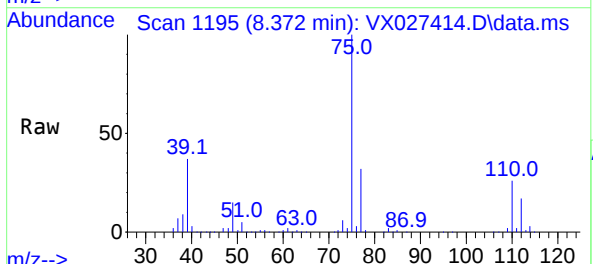
Tgt Ion: 75 Resp: 267834

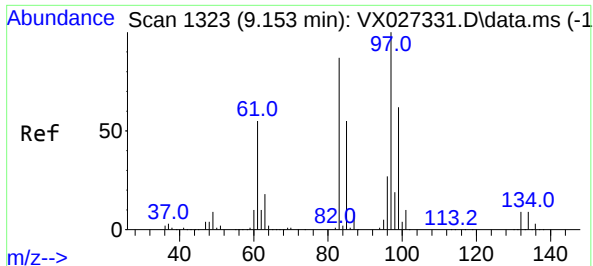
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 36.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.967 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

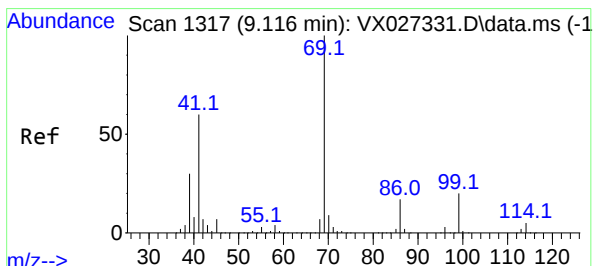
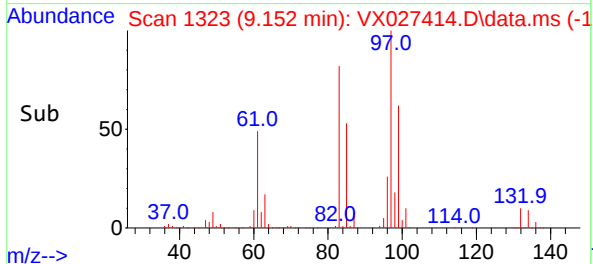
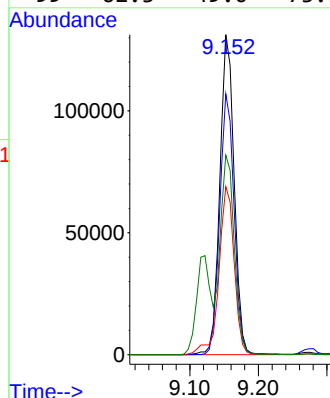
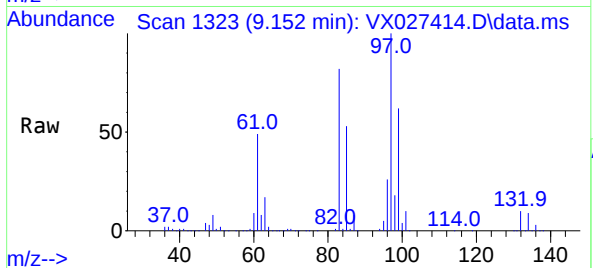
Tgt Ion: 97 Resp: 18957
Ion Ratio Lower Upper
97 100
83 81.5 66.2 99.4
85 52.5 42.9 64.3
99 62.3 49.0 73.6

Manual Integrations

APPROVED

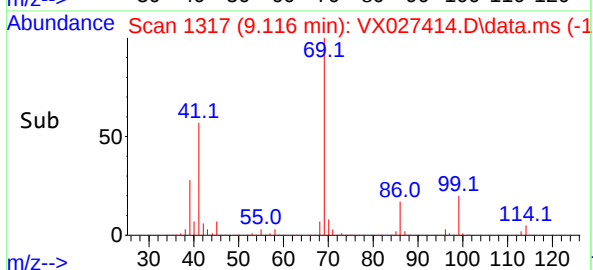
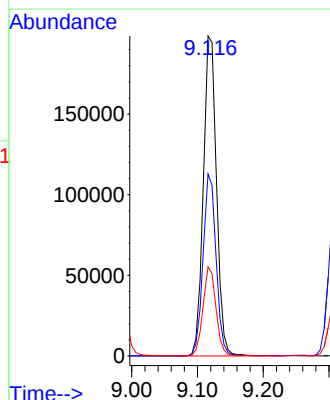
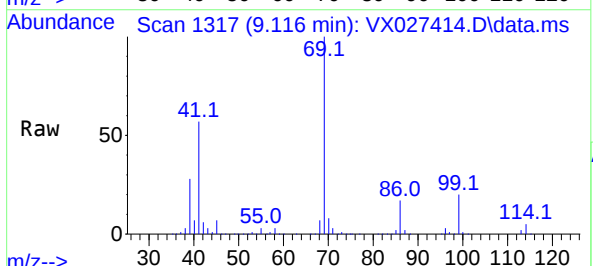
Reviewed By :John Carlone 03/14/2022

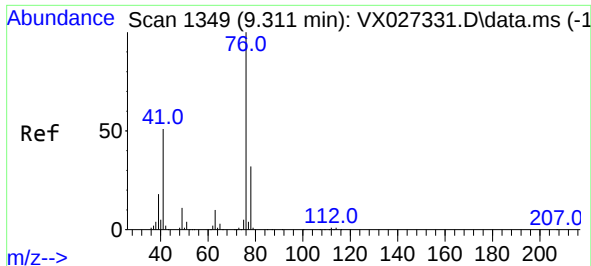
Supervised By :Mahesh Dadoda 03/14/2022



#56
Ethyl methacrylate
Concen: 48.486 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Tgt Ion: 69 Resp: 276880
Ion Ratio Lower Upper
69 100
41 56.2 43.8 65.6
39 27.3 22.2 33.2





#57

1,3-Dichloropropane

Concen: 47.743 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX027414.D

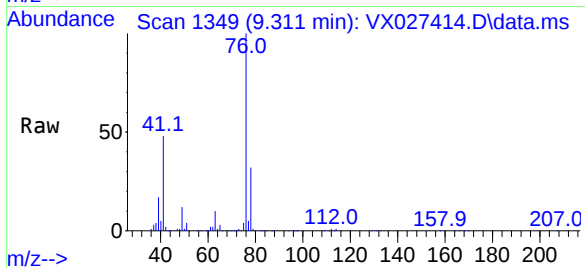
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 298386

Ion Ratio Lower Upper

76 100

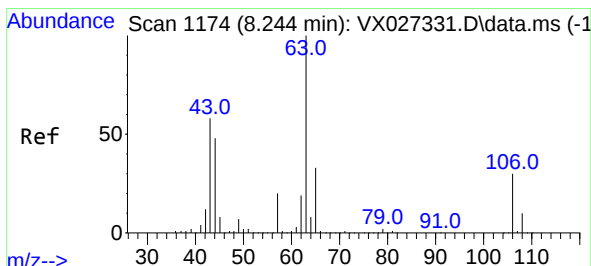
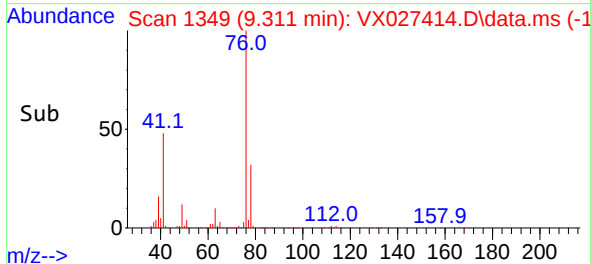
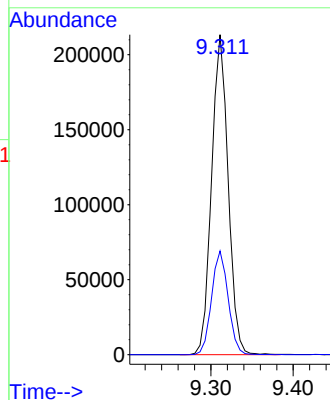
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 236.165 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027414.D

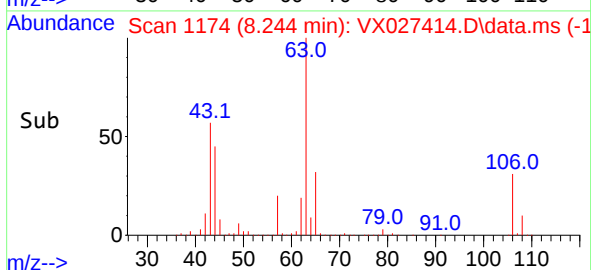
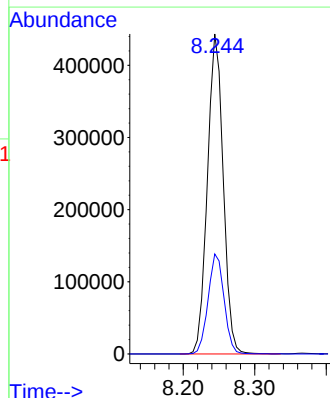
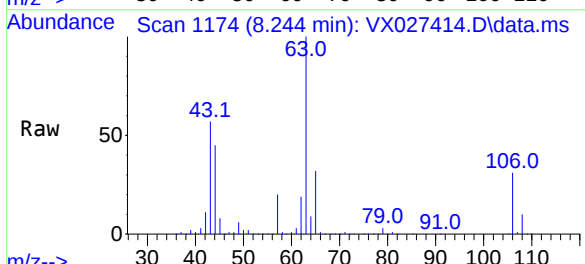
Acq: 11 Mar 2022 20:02

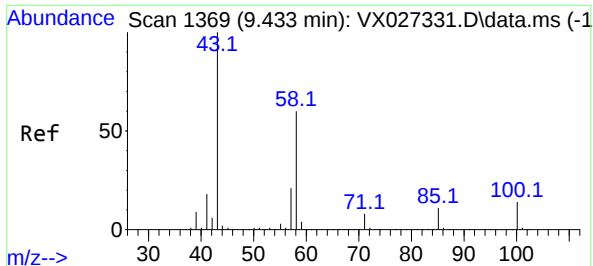
Tgt Ion: 63 Resp: 680916

Ion Ratio Lower Upper

63 100

106 31.5 23.9 35.9





#59

2-Hexanone

Concen: 229.728 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 901980

Ion Ratio Lower Upper

43 100

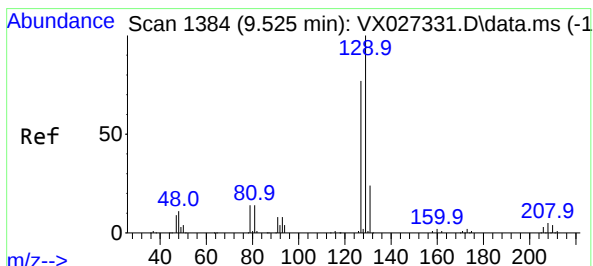
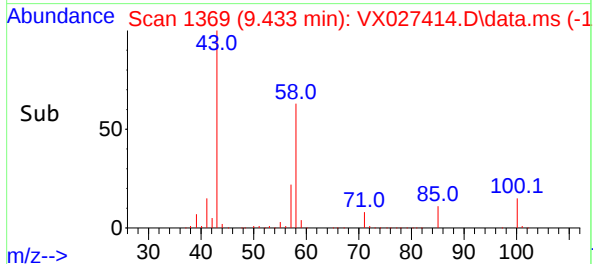
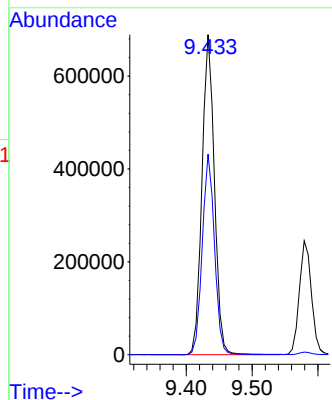
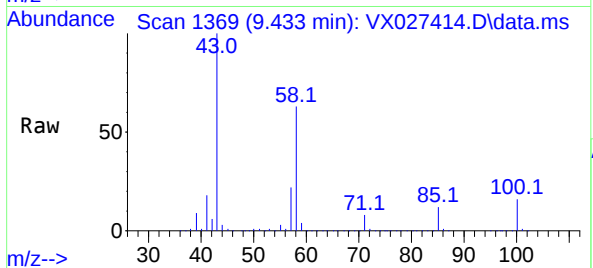
58 62.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#60

Dibromochloromethane

Concen: 50.675 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX027414.D

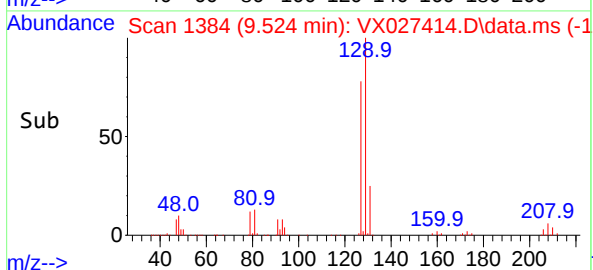
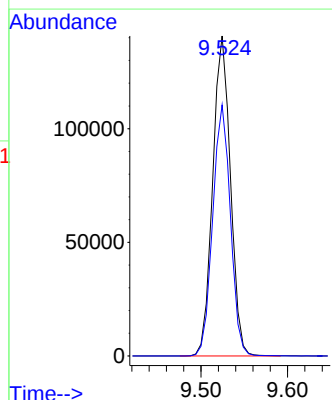
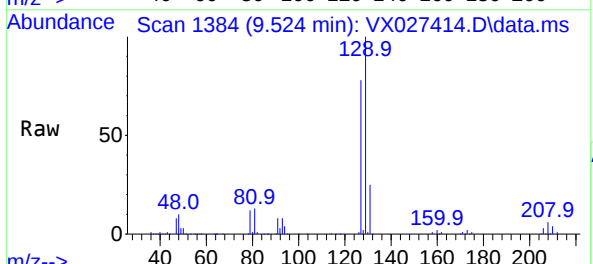
Acq: 11 Mar 2022 20:02

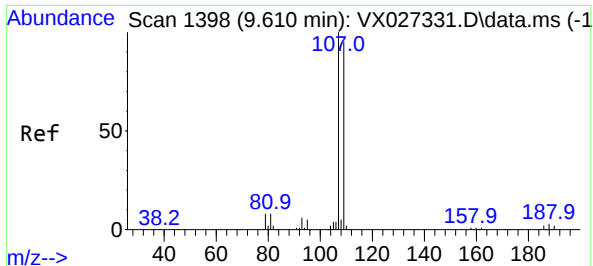
Tgt Ion:129 Resp: 200232

Ion Ratio Lower Upper

129 100

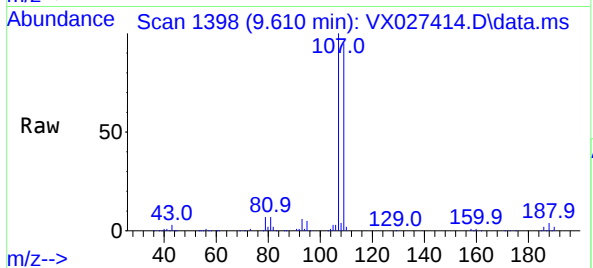
127 78.3 40.3 120.8





#61
1,2-Dibromoethane
Concen: 49.403 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

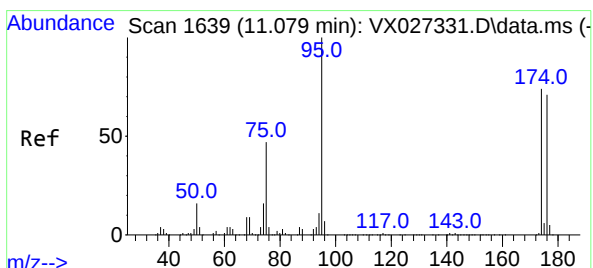
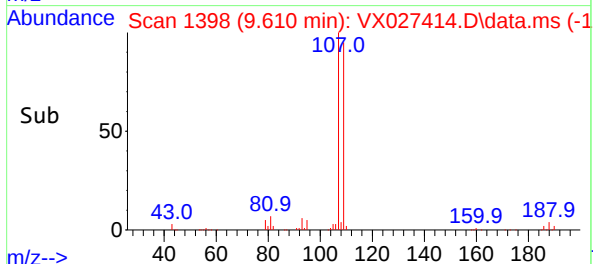
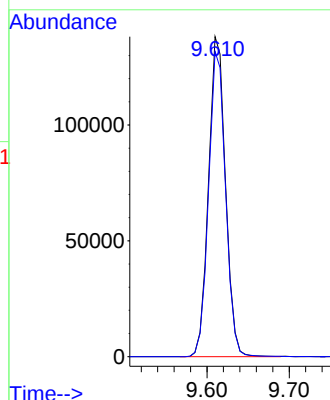
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 19751
Ion Ratio Lower Upper
107 100
109 95.6 74.4 111.6

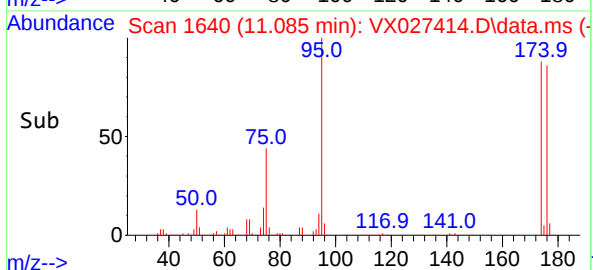
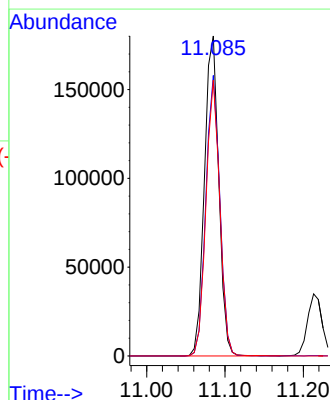
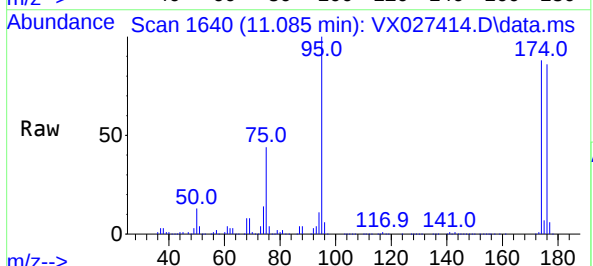
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Tgt Ion: 95 Resp: 228327
Ion Ratio Lower Upper
95 100
174 85.6 0.0 163.0
176 83.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

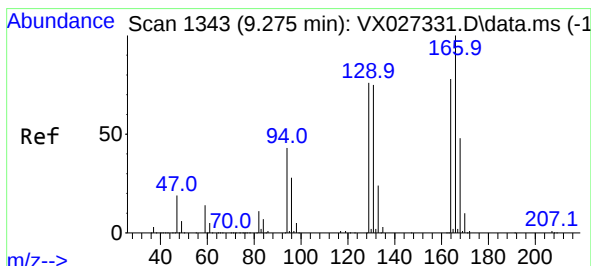
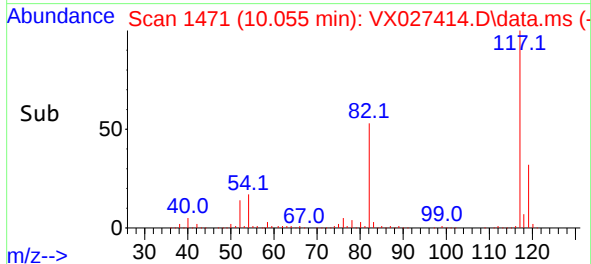
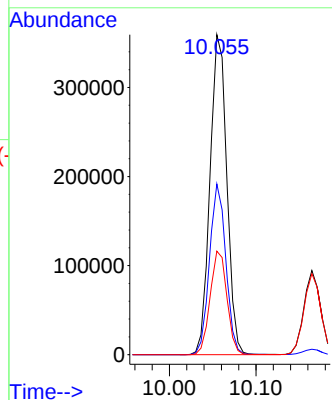
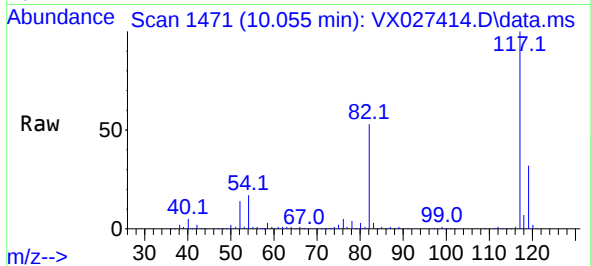
VSTDCCC050EC

Tgt Ion:117 Resp: 48514
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.4 24.8 37.2

Manual Integrations

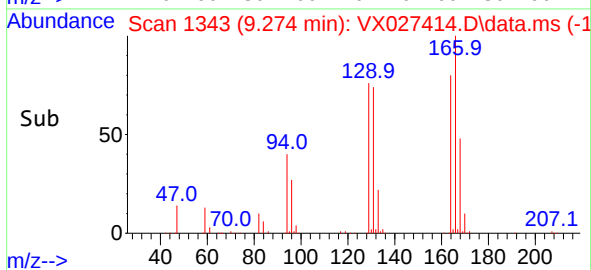
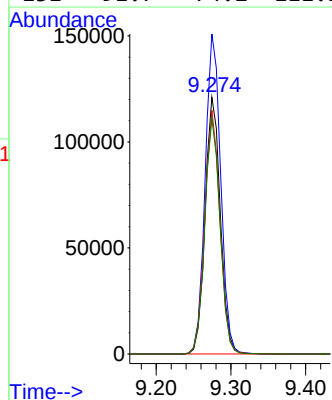
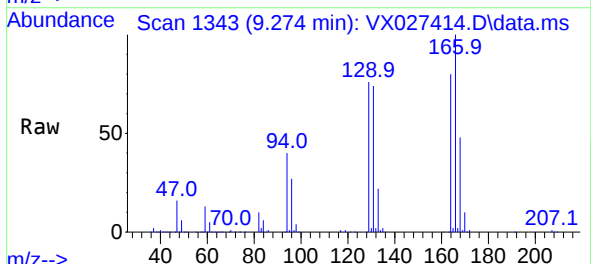
APPROVED

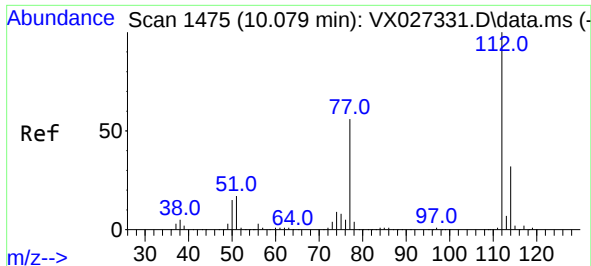
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#64
Tetrachloroethene
Concen: 50.453 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

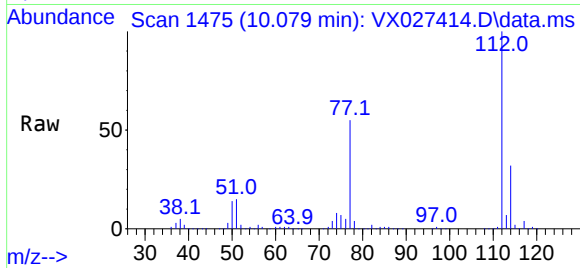
Tgt Ion:164 Resp: 171532
Ion Ratio Lower Upper
164 100
166 124.7 101.2 151.8
129 94.9 73.0 109.4
131 91.7 74.2 111.2





#65
Chlorobenzene
Concen: 48.732 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

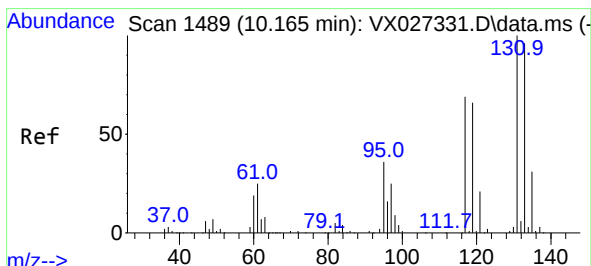
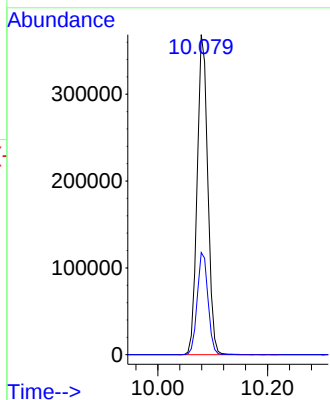
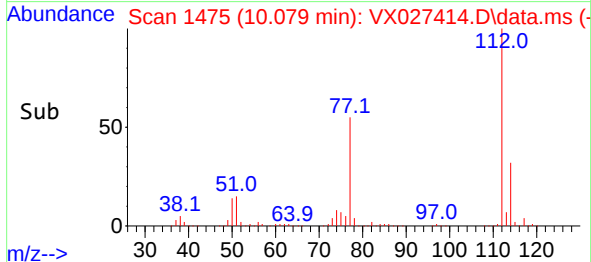
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



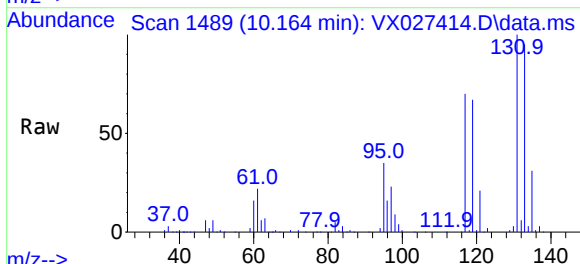
Tgt Ion:112 Resp: 497405
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

Manual Integrations
APPROVED

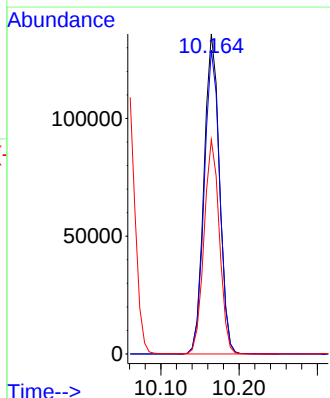
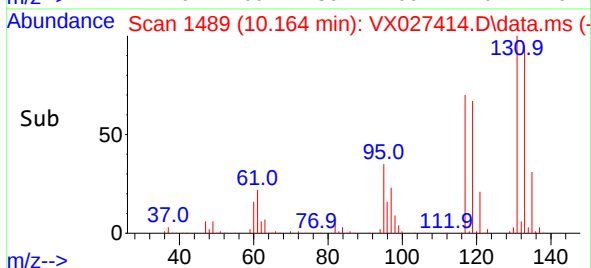
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

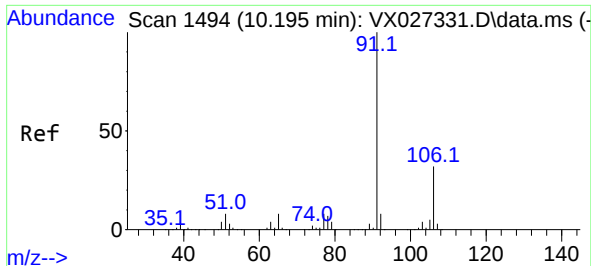


#66
1,1,1,2-Tetrachloroethane
Concen: 51.895 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



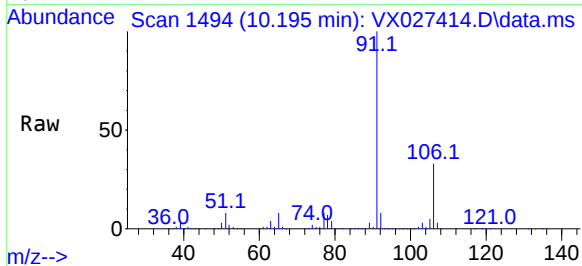
Tgt Ion:131 Resp: 185191
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 66.7 32.6 98.0





#67
Ethyl Benzene
Concen: 48.460 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

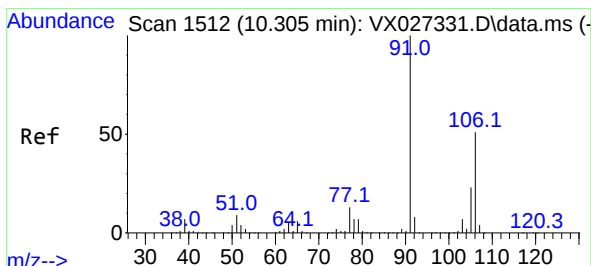
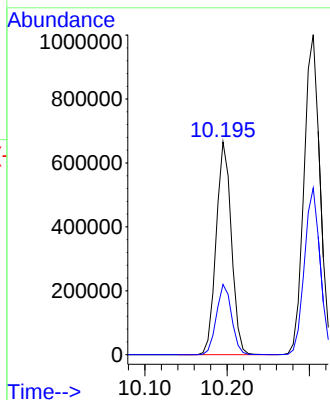
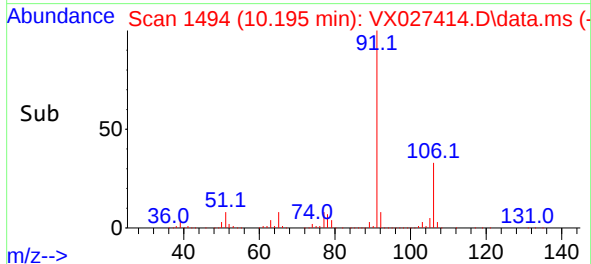
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



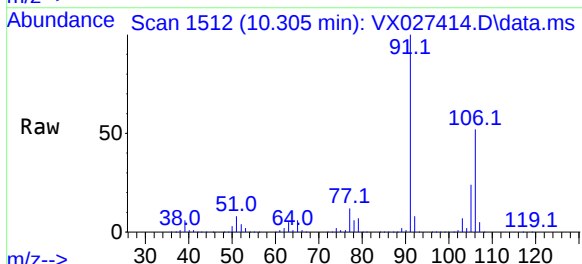
Tgt Ion: 91 Resp: 852985
Ion Ratio Lower Upper
91 100
106 33.0 24.6 36.8

Manual Integrations
APPROVED

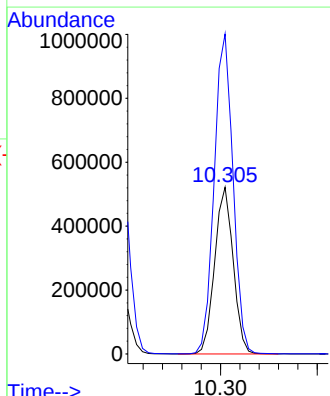
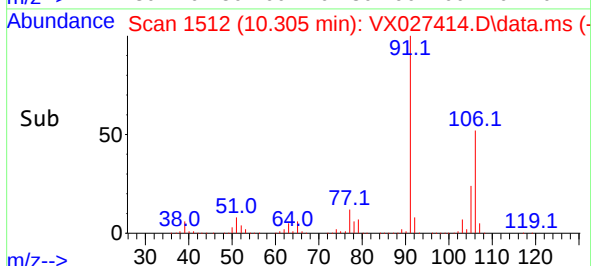
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

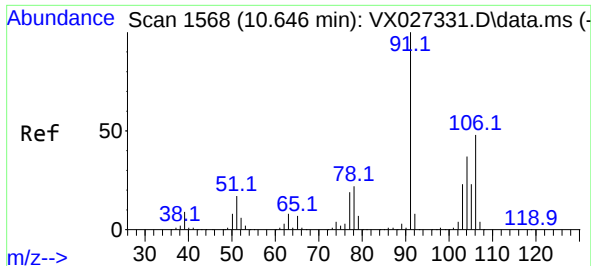


#68
m/p-Xylenes
Concen: 100.164 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



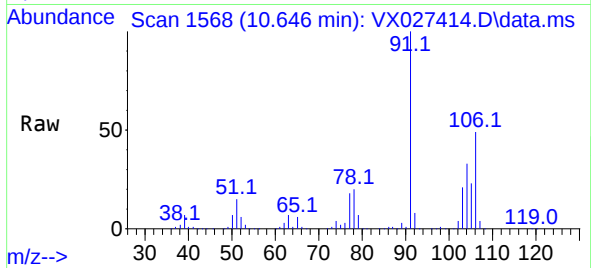
Tgt Ion:106 Resp: 691561
Ion Ratio Lower Upper
106 100
91 195.3 160.4 240.6





#69
o-Xylene
Concen: 49.954 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

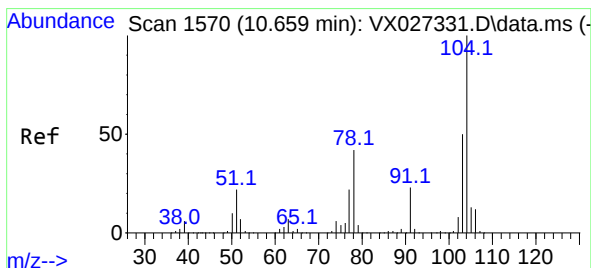
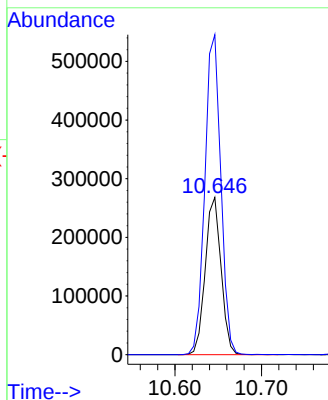
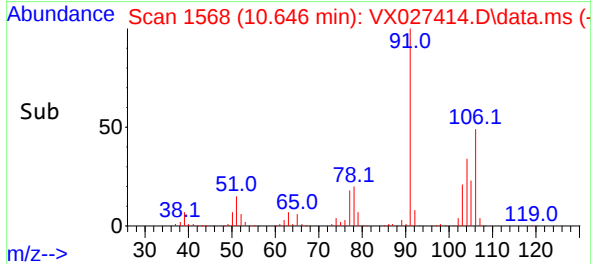
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 340512
Ion Ratio Lower Upper
106 100
91 205.5 106.1 318.1

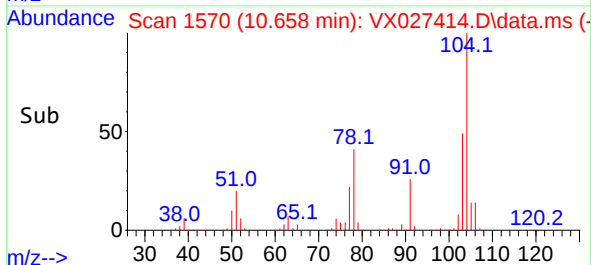
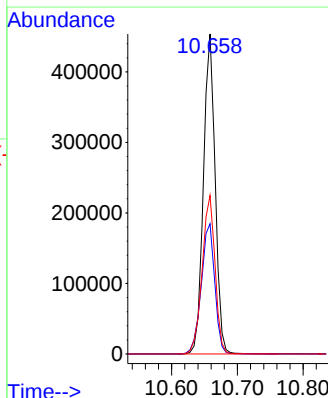
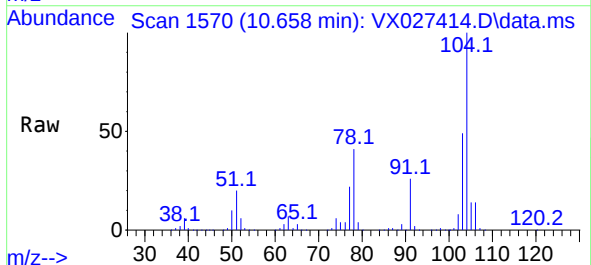
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#70
Styrene
Concen: 49.836 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

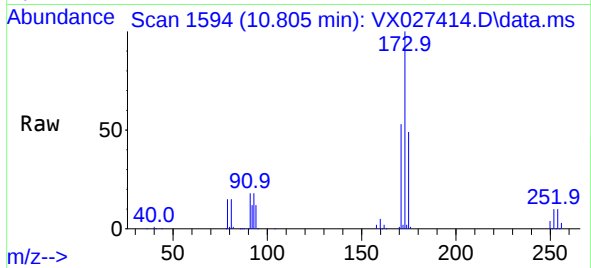
Tgt Ion:104 Resp: 563887
Ion Ratio Lower Upper
104 100
78 46.6 38.6 57.8
103 54.6 43.8 65.8





#71
Bromoform
Concen: 52.754 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

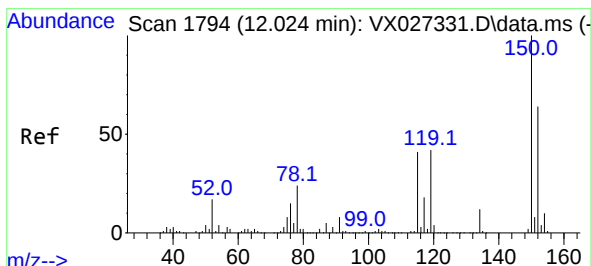
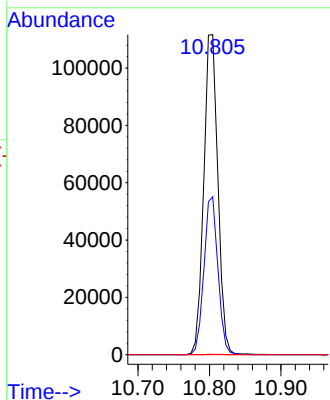
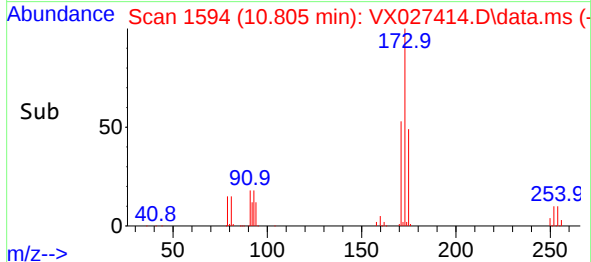
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



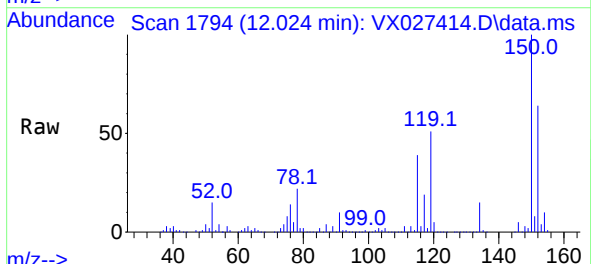
Tgt Ion:173 Resp: 15374
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

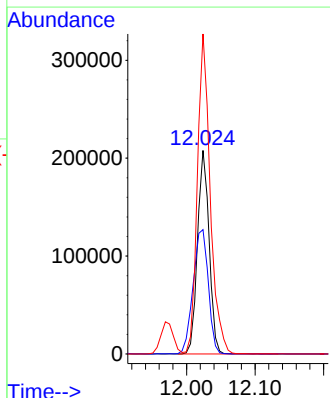
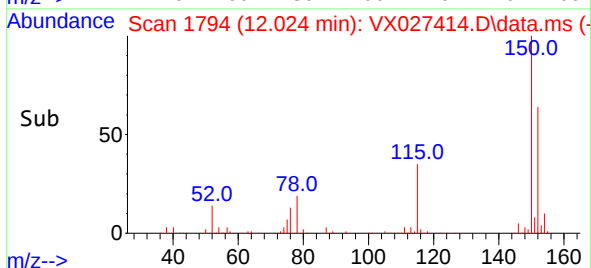
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

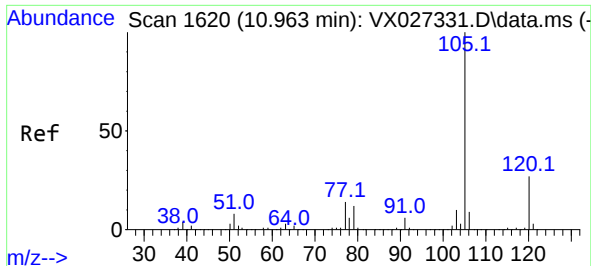


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



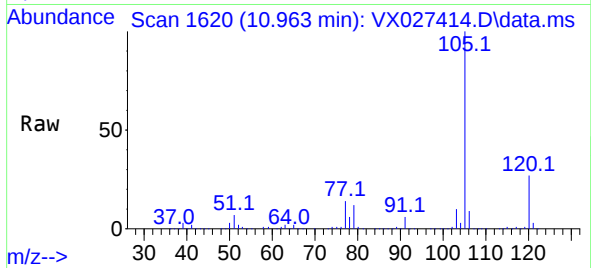
Tgt Ion:152 Resp: 245759
Ion Ratio Lower Upper
152 100
115 79.6 37.5 112.7
150 173.9 0.0 338.2





#73
Isopropylbenzene
Concen: 48.278 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

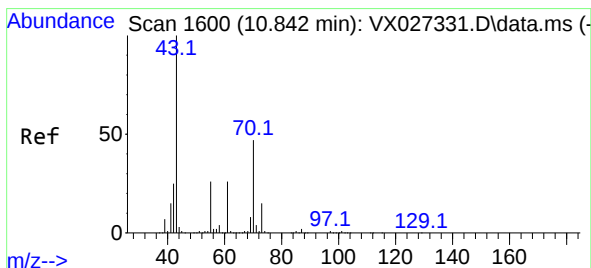
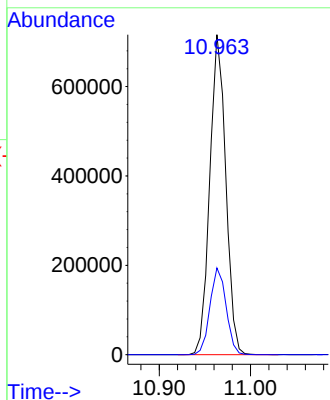
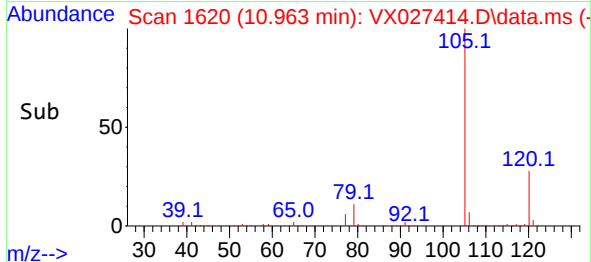
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



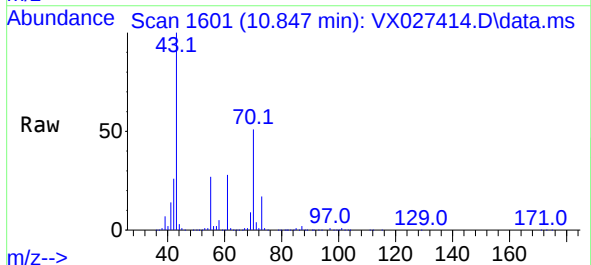
Tgt Ion:105 Resp: 867740
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5

Manual Integrations
APPROVED

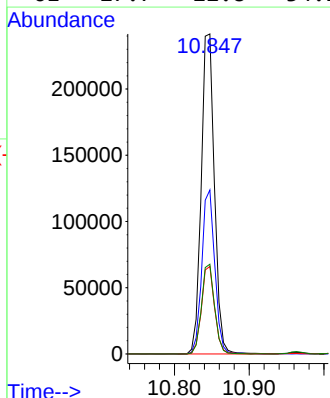
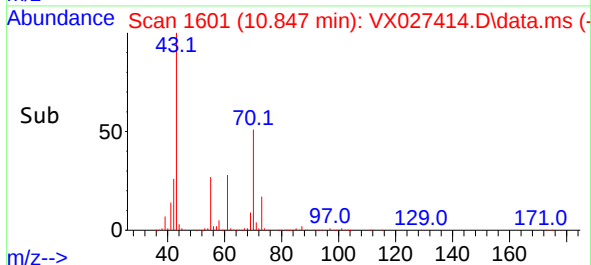
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#74
N-ethyl acetate
Concen: 45.175 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 43 Resp: 296764
Ion Ratio Lower Upper
43 100
70 50.6 42.5 63.7
55 27.2 23.1 34.7
61 27.7 22.8 34.2





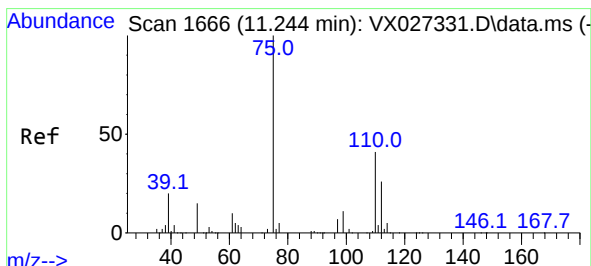
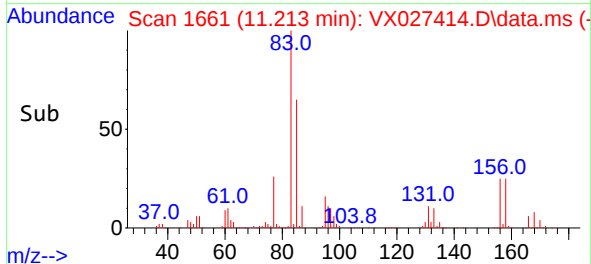
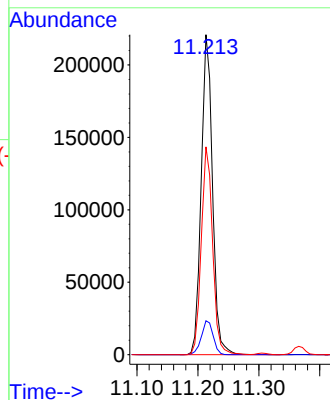
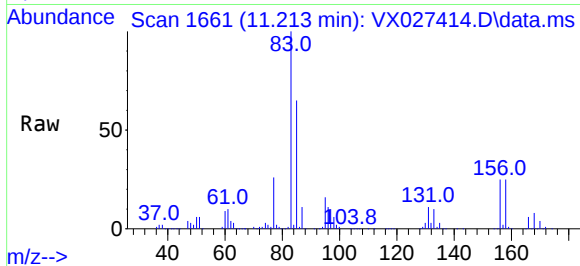
#75
1,1,2,2-Tetrachloroethane
Concen: 46.085 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 284644
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 65.3 32.6 97.7

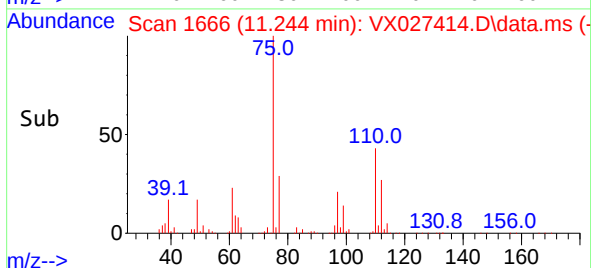
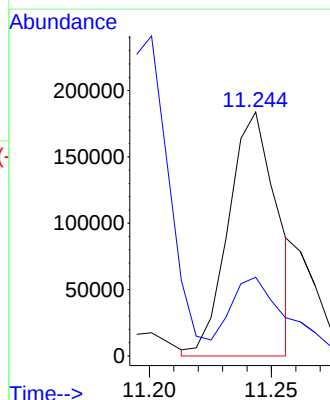
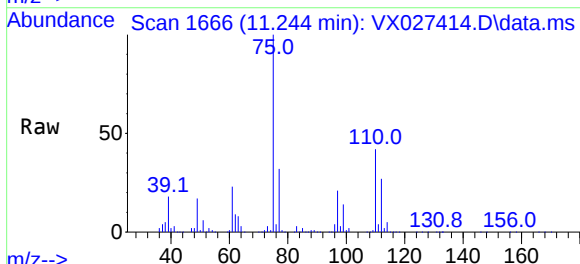
Manual Integrations
APPROVED

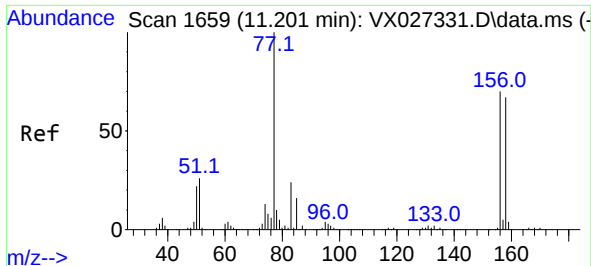
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#76
1,2,3-Trichloropropane
Concen: 46.796 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

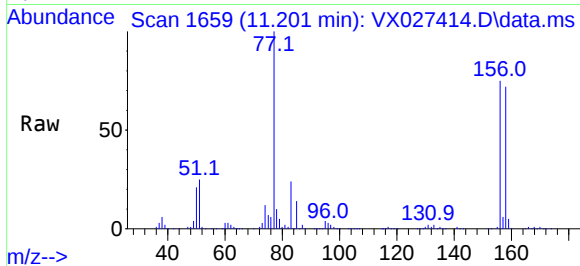
Tgt Ion: 75 Resp: 252323
Ion Ratio Lower Upper
75 100
77 38.9 19.4 58.2





#77
Bromobenzene
Concen: 49.720 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

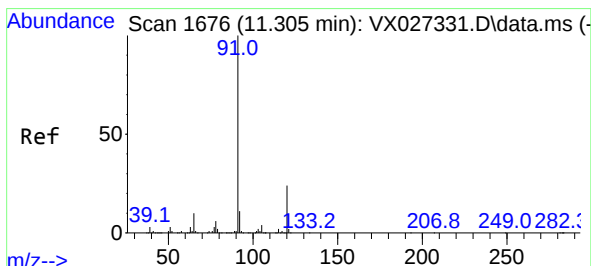
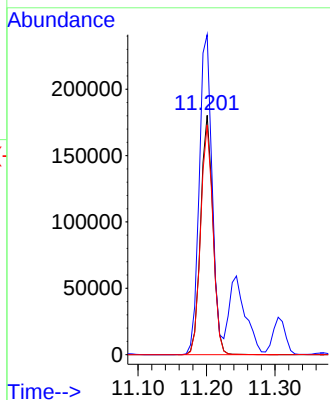
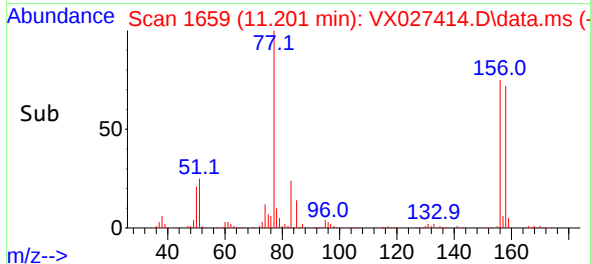
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



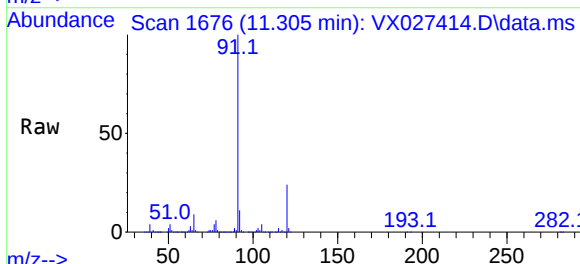
Tgt Ion:156 Resp: 22551
Ion Ratio Lower Upper
156 100
77 140.5 78.5 235.3
158 96.4 50.2 150.7

Manual Integrations
APPROVED

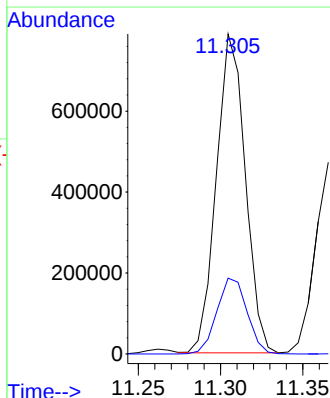
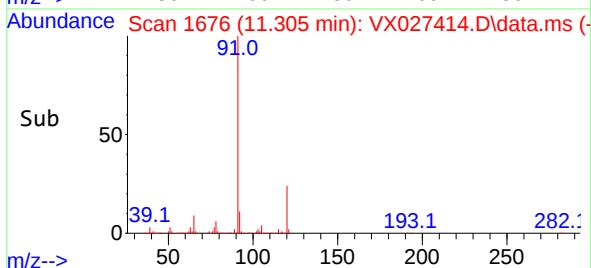
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

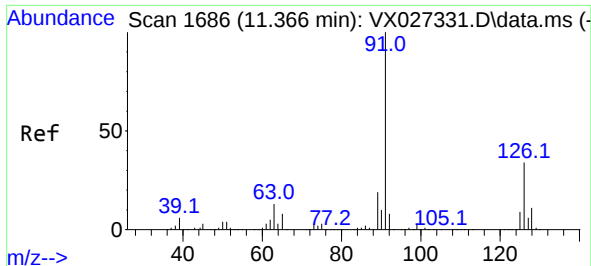


#78
n-propylbenzene
Concen: 47.639 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion: 91 Resp: 963153
Ion Ratio Lower Upper
91 100
120 24.9 11.6 34.8





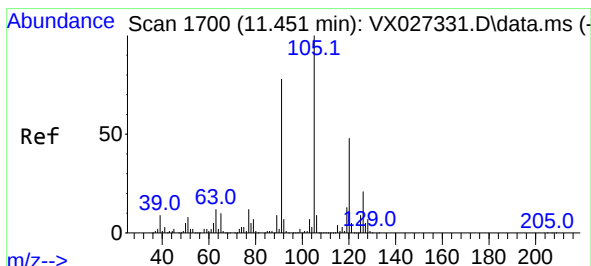
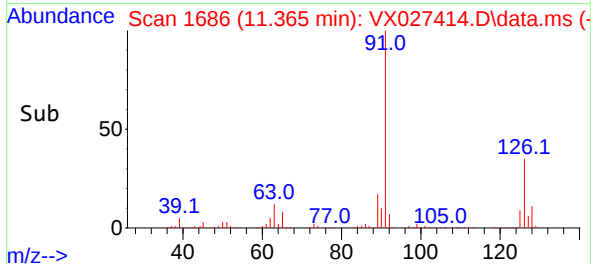
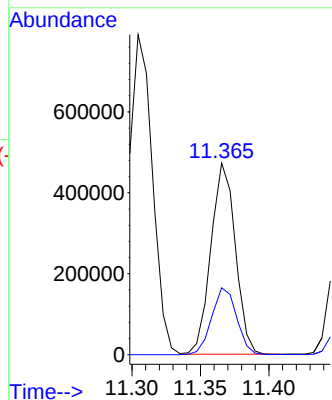
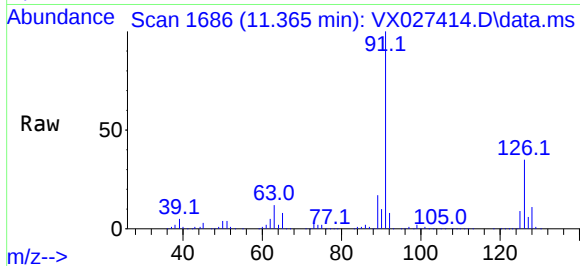
#79
2-Chlorotoluene
Concen: 46.385 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 586120
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9

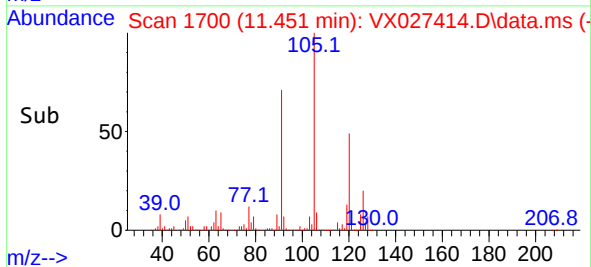
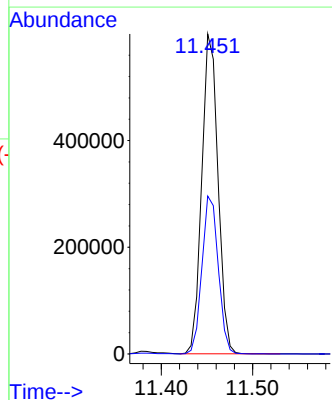
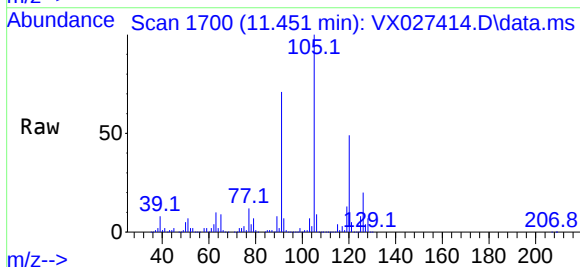
Manual Integrations
APPROVED

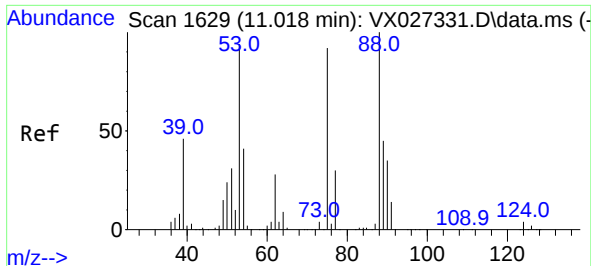
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

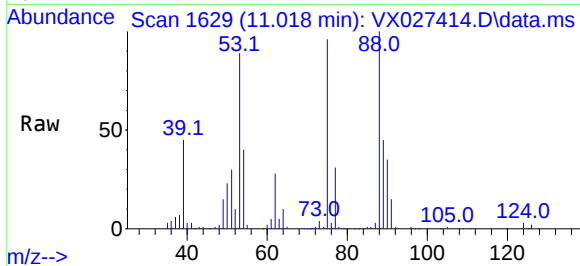
Tgt Ion:105 Resp: 738159
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 48.292 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

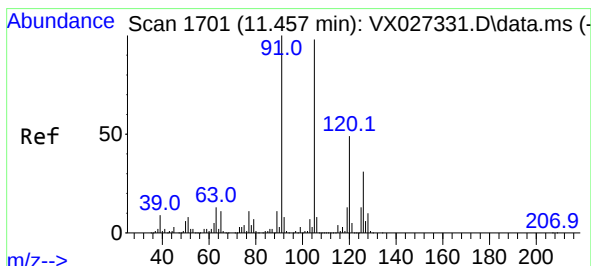
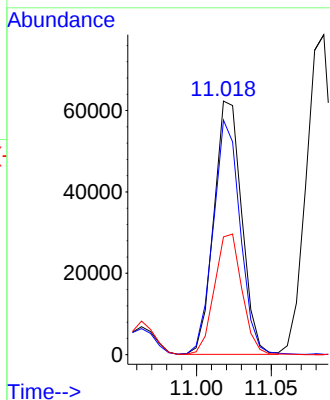
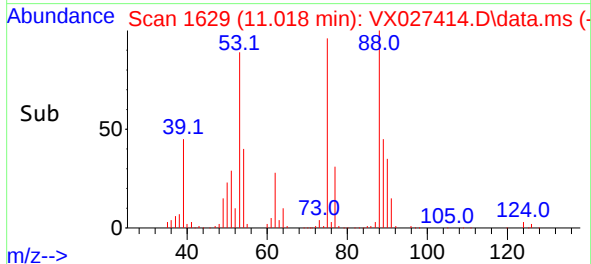
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



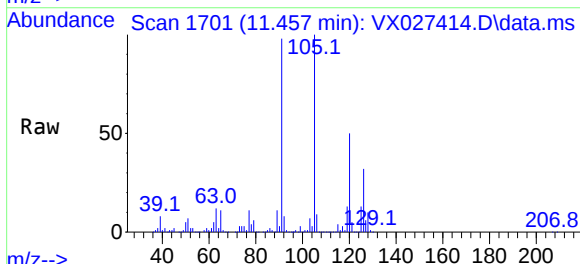
Tgt Ion: 75 Resp: 80515
Ion Ratio Lower Upper
75 100
53 89.6 69.0 103.4
89 47.2 37.0 55.6

Manual Integrations
APPROVED

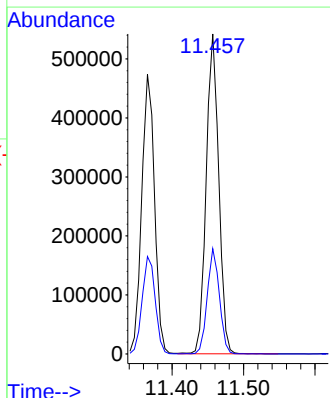
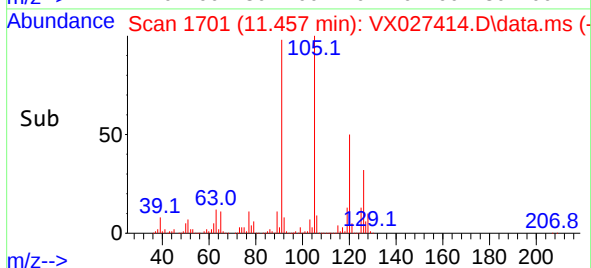
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

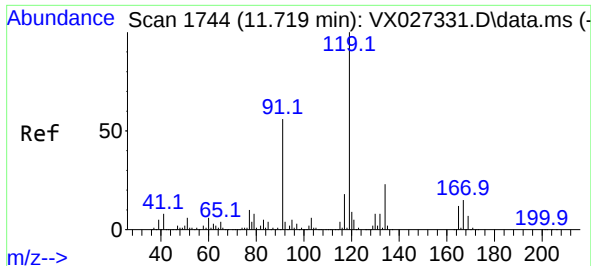


#82
4-Chlorotoluene
Concen: 46.152 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



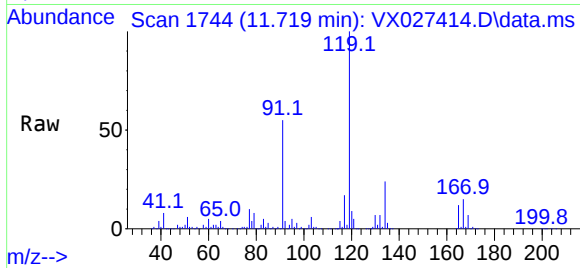
Tgt Ion: 91 Resp: 659715
Ion Ratio Lower Upper
91 100
126 31.9 14.9 44.5





#83
tert-Butylbenzene
Concen: 48.429 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

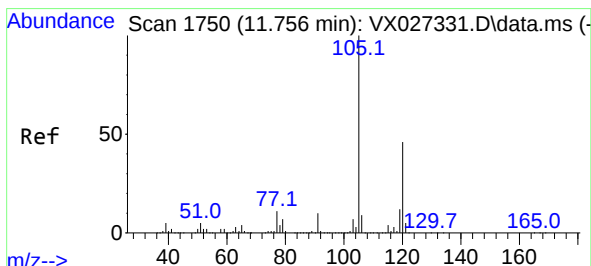
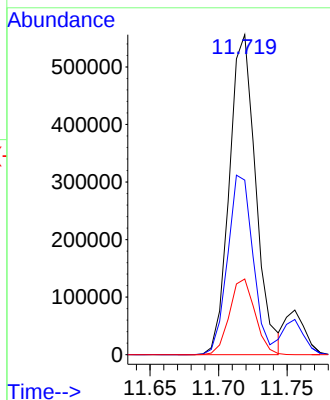
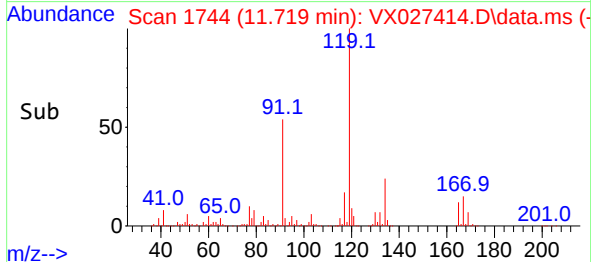
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



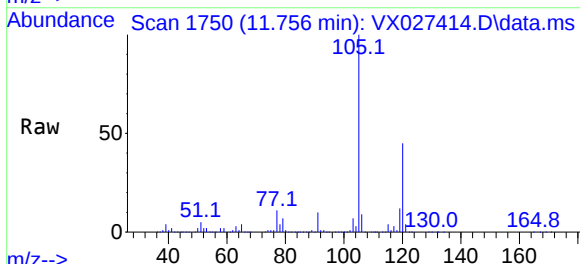
Tgt Ion:119 Resp: 745950
Ion Ratio Lower Upper
119 100
91 54.0 26.9 80.6
134 22.9 11.4 34.2

Manual Integrations
APPROVED

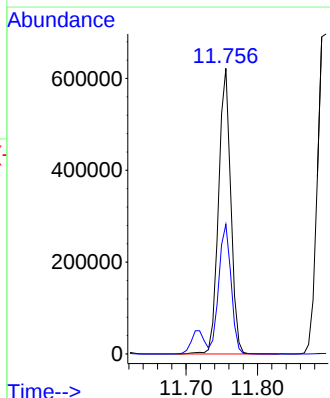
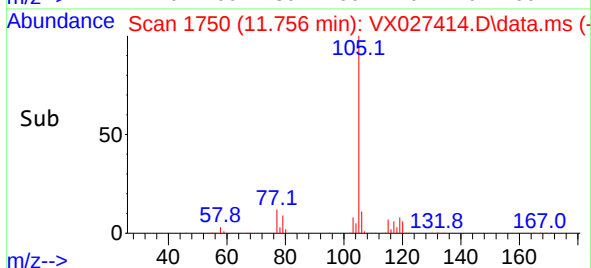
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

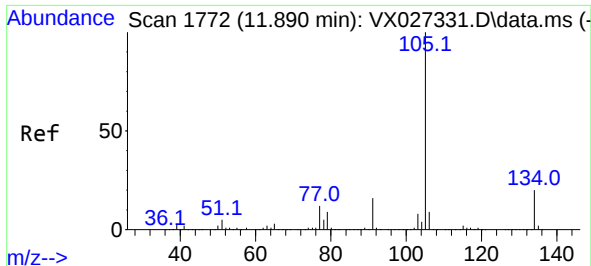


#84
1,2,4-Trimethylbenzene
Concen: 48.335 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion:105 Resp: 738720
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 47.819 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX027414.D
 Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

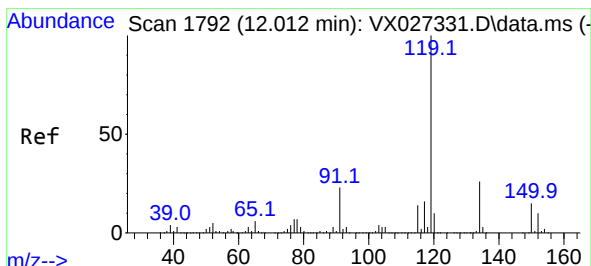
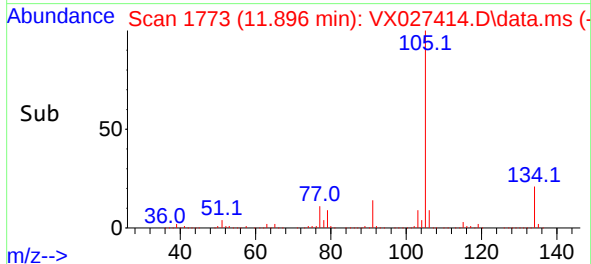
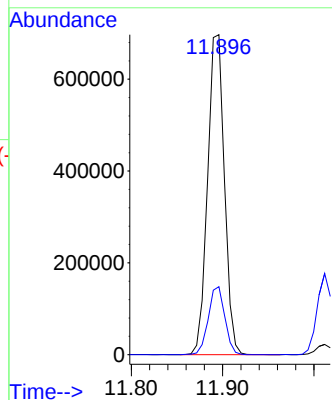
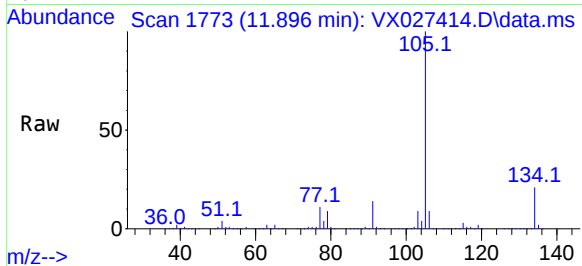
VSTDCCC050EC

Tgt Ion:105 Resp: 88836
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

Manual Integrations

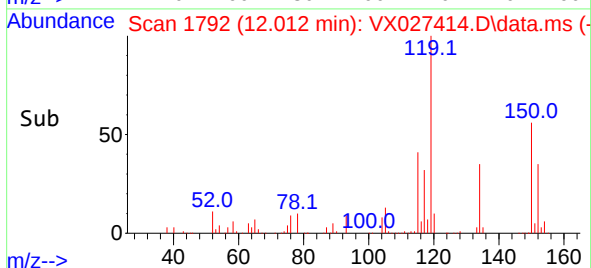
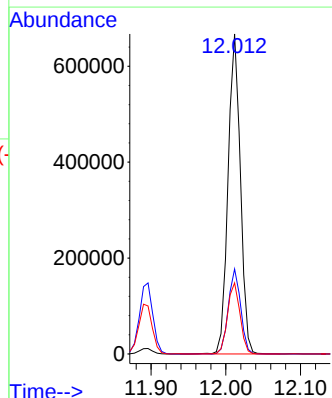
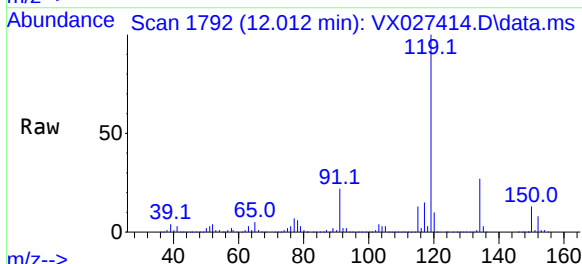
APPROVED

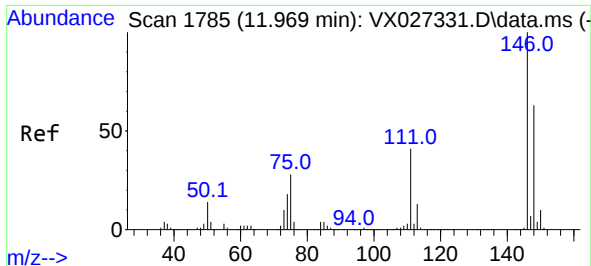
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#86
 p-Isopropyltoluene
 Concen: 48.760 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027414.D
 Acq: 11 Mar 2022 20:02

Tgt Ion:119 Resp: 766911
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.601 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 414135

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

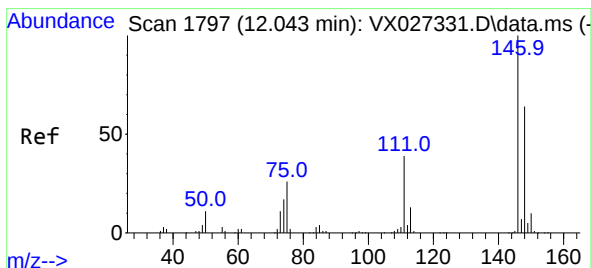
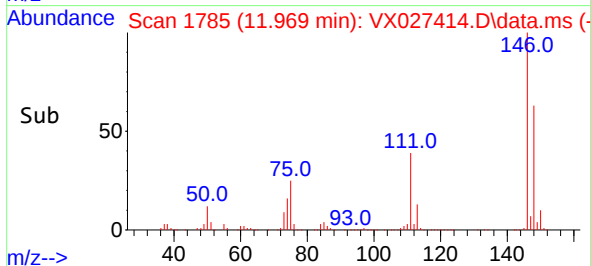
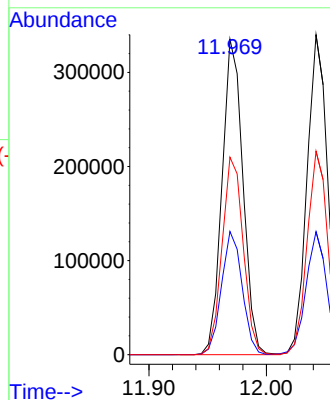
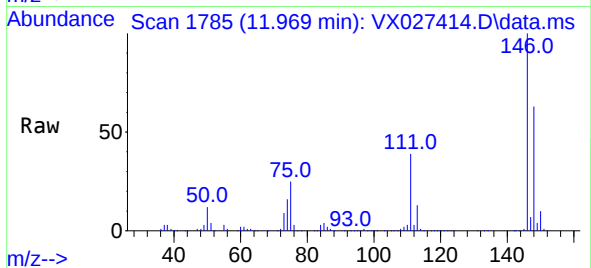
148 63.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#88

1,4-Dichlorobenzene

Concen: 48.073 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX027414.D

Acq: 11 Mar 2022 20:02

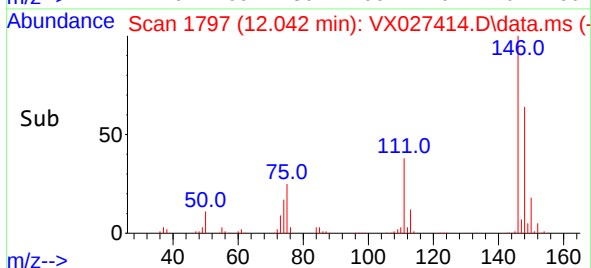
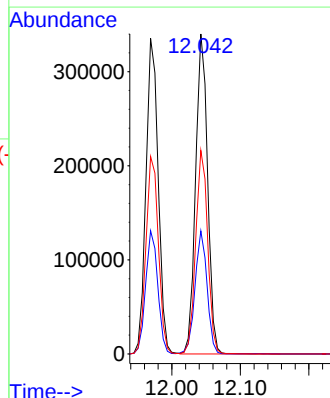
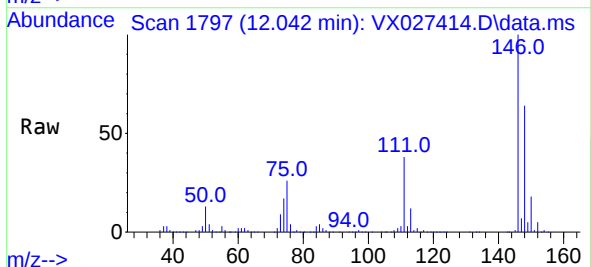
Tgt Ion:146 Resp: 414735

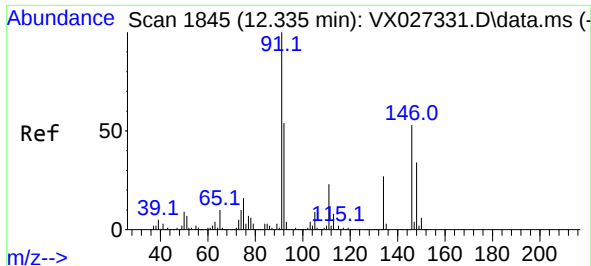
Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

148 63.7 32.3 96.9





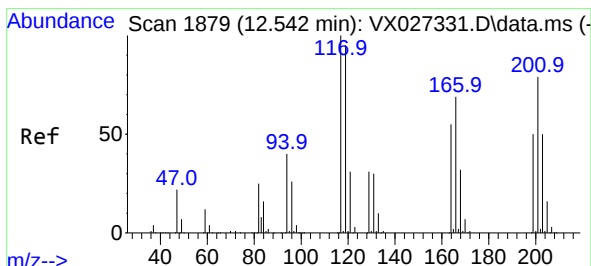
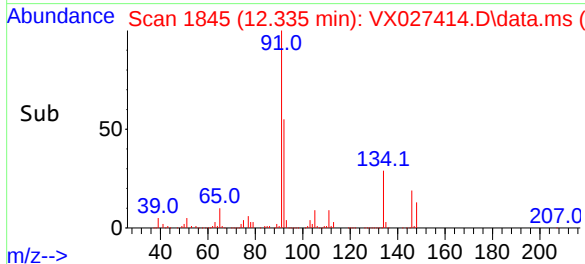
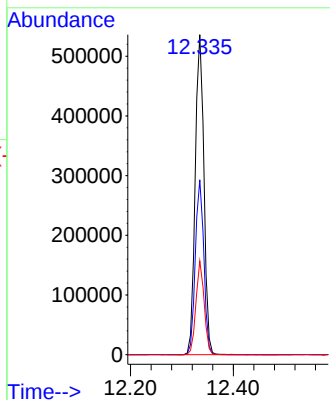
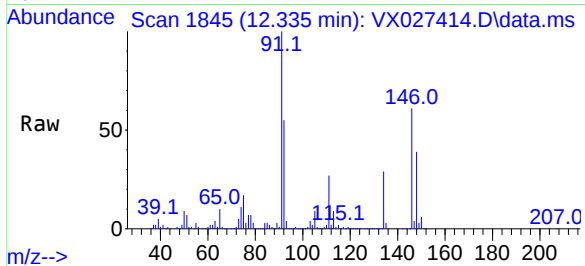
#89
n-Butylbenzene
Concen: 47.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 63108
Ion Ratio Lower Upper
91 100
92 53.7 27.8 83.3
134 27.7 13.3 39.8

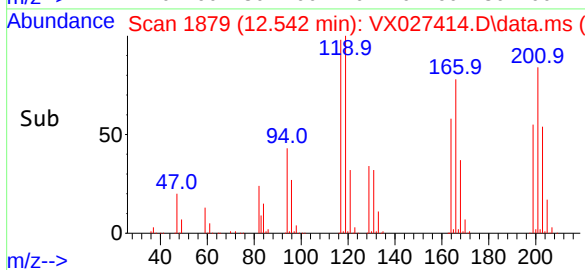
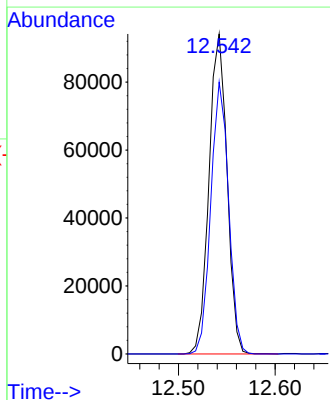
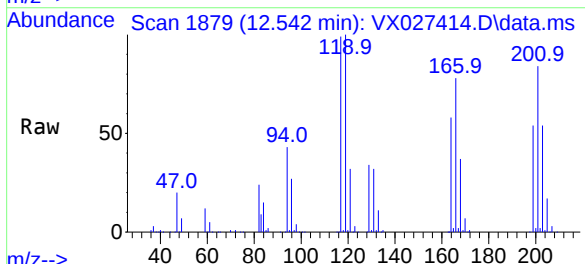
Manual Integrations
APPROVED

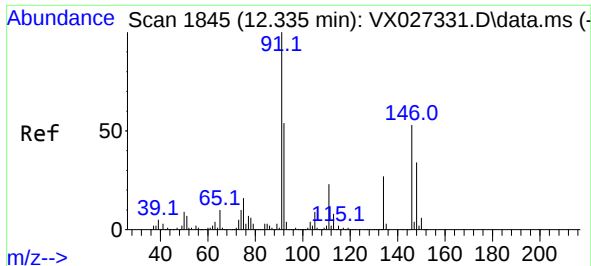
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#90
Hexachloroethane
Concen: 49.939 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Tgt Ion:117 Resp: 122422
Ion Ratio Lower Upper
117 100
201 83.6 39.5 118.5





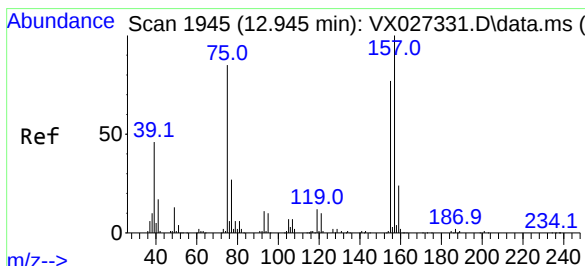
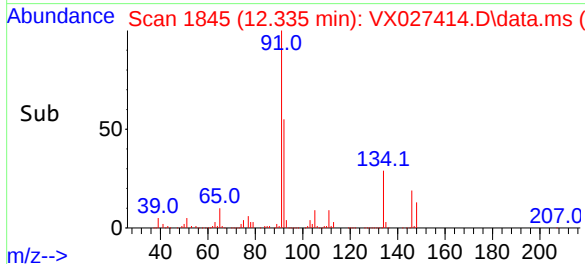
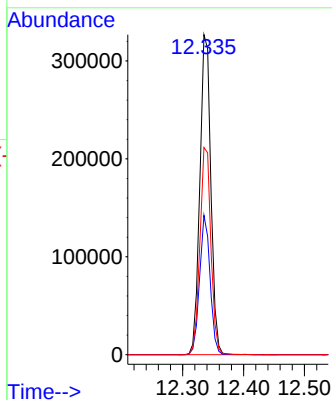
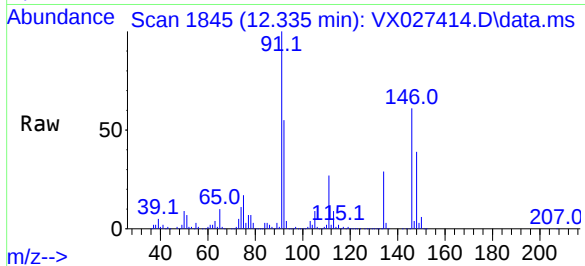
#91
1,2-Dichlorobenzene
Concen: 48.849 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 41040
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 64.9 32.6 97.7

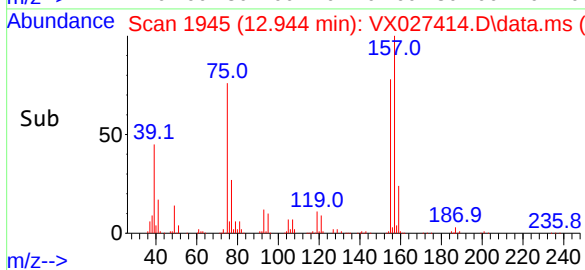
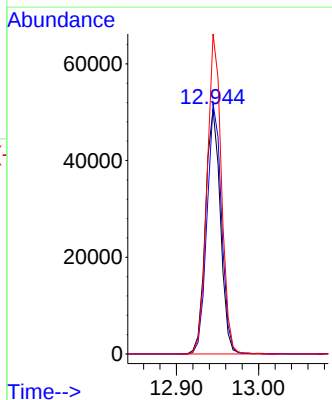
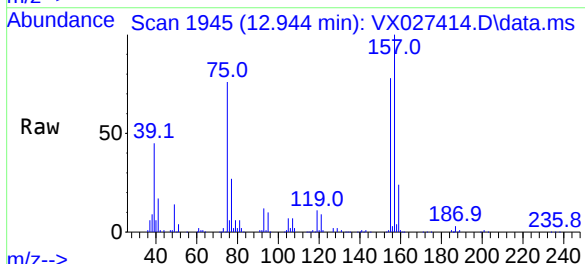
Manual Integrations
APPROVED

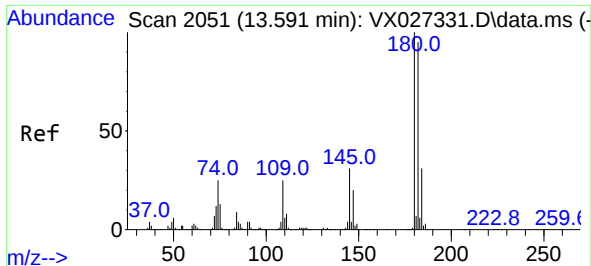
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.283 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

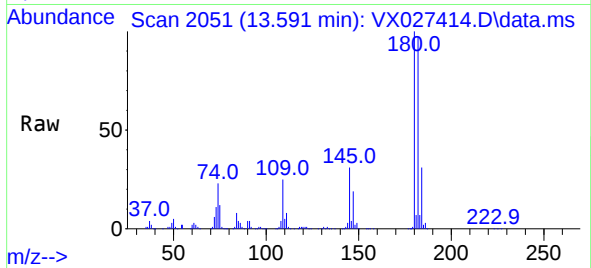
Tgt Ion: 75 Resp: 63777
Ion Ratio Lower Upper
75 100
155 99.1 47.0 141.2
157 125.5 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 49.034 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

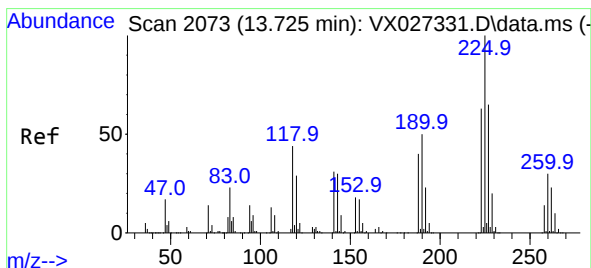
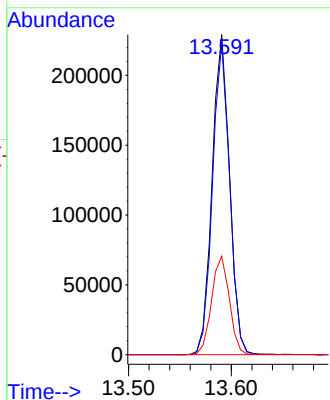
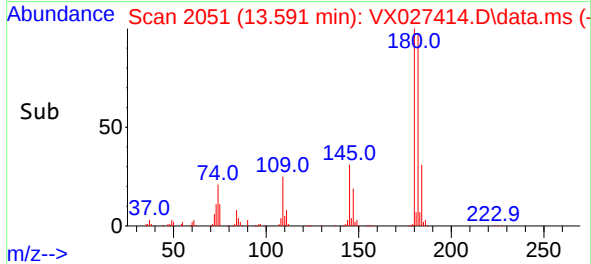
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



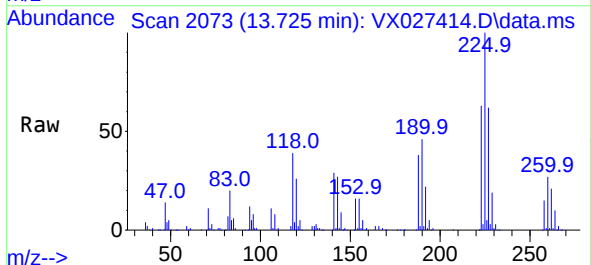
Tgt Ion:180 Resp: 270414
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 31.4 15.2 45.5

Manual Integrations
APPROVED

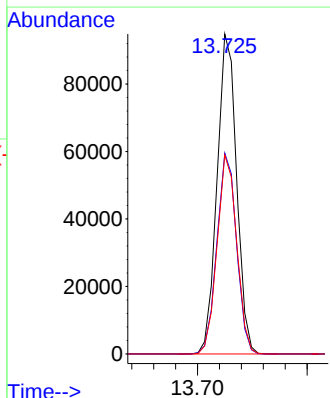
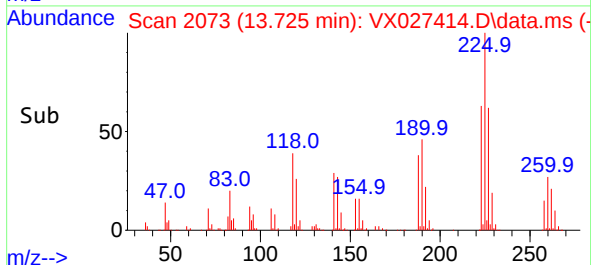
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

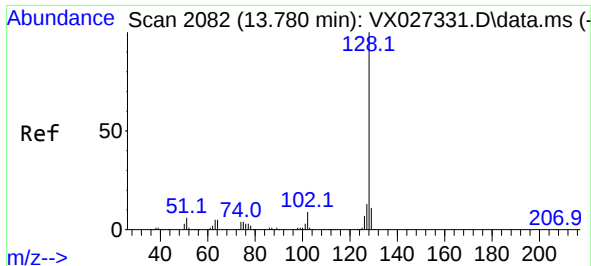


#94
Hexachlorobutadiene
Concen: 48.525 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



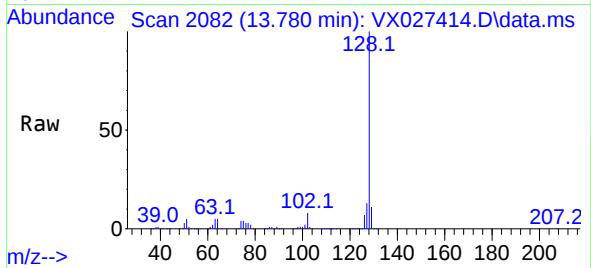
Tgt Ion:225 Resp: 117342
Ion Ratio Lower Upper
225 100
223 62.9 34.2 102.5
227 62.4 33.9 101.7





#95
Naphthalene
Concen: 50.631 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02

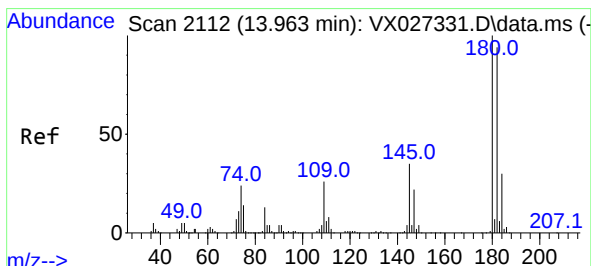
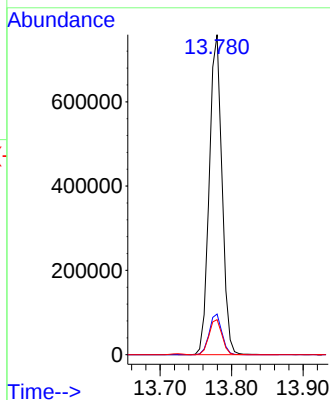
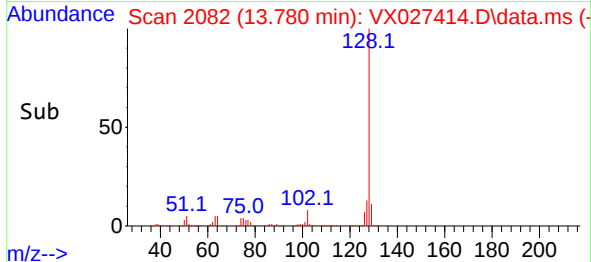
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



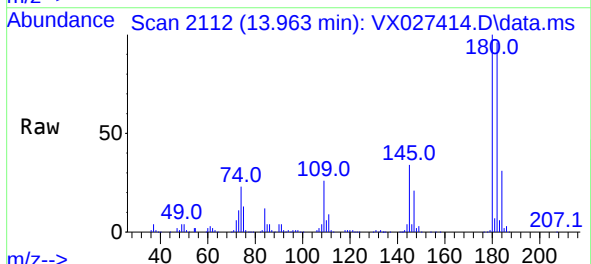
Tgt Ion:128 Resp: 937363
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.547 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027414.D
Acq: 11 Mar 2022 20:02



Tgt Ion:180 Resp: 273056
Ion Ratio Lower Upper
180 100
182 95.5 50.0 149.8
145 33.8 16.2 48.5

