

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028051.D
 Acq On : 12 Apr 2022 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 12 13:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 13:30:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	211648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248925	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	289731	140.989	ug/l	100
3) Chloromethane	1.288	50	305971	134.533	ug/l	99
4) Vinyl Chloride	1.374	62	365780	133.776	ug/l	98
5) Bromomethane	1.593	94	428071	139.666	ug/l	99
6) Chloroethane	1.660	64	361625	154.651	ug/l	97
7) Trichlorofluoromethane	1.874	101	795119	148.277	ug/l	98
8) Diethyl Ether	2.136	74	295102	143.602	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	310284	145.447	ug/l	96
10) Methyl Iodide	2.447	142	414929	167.020	ug/l	96
11) Tert butyl alcohol	2.995	59	495263	743.063	ug/l	100
12) 1,1-Dichloroethene	2.312	96	300695	143.937	ug/l	96
13) Acrolein	2.239	56	259888	676.952	ug/l	98
14) Allyl chloride	2.660	41	556181	150.430	ug/l	88
15) Acrylonitrile	3.068	53	1051756	761.516	ug/l	98
16) Acetone	2.386	43	842244	704.021	ug/l	92
17) Carbon Disulfide	2.508	76	862487	157.104	ug/l	99
18) Methyl Acetate	2.703	43	467638	146.491	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1243233	158.461	ug/l	100
20) Methylene Chloride	2.788	84	355984	149.395	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	376648	150.508	ug/l	97
22) Diisopropyl ether	3.763	45	1294127	163.111	ug/l	90
23) Vinyl Acetate	3.727	43	5786200	820.749	ug/l	99
24) 1,1-Dichloroethane	3.611	63	656069	152.752	ug/l	99
25) 2-Butanone	4.562	43	1541230	745.308	ug/l	94
26) 2,2-Dichloropropane	4.477	77	606660	152.144	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	419902	148.853	ug/l	100
28) Bromochloromethane	4.903	49	280876	152.141	ug/l	91
29) Tetrahydrofuran	5.007	42	1035867	766.403	ug/l	91
30) Chloroform	5.099	83	737985	154.518	ug/l	98
31) Cyclohexane	5.470	56	594935	150.686	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	657940	152.100	ug/l	98
36) 1,1-Dichloropropene	5.696	75	529663	155.011	ug/l	99
37) Ethyl Acetate	4.721	43	633217	159.079	ug/l	96
38) Carbon Tetrachloride	5.678	117	576894	158.144	ug/l	99
39) Methylcyclohexane	7.385	83	624154	154.524	ug/l	95
40) Benzene	6.044	78	1521838	153.163	ug/l	100

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Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	330503	156.067	ug/l	91
42) 1,2-Dichloroethane	6.092	62	587212	156.510	ug/l	96
43) Isopropyl Acetate	6.348	43	1023636	154.358	ug/l	93
44) Trichloroethene	7.129	130	402944	152.505	ug/l	99
45) 1,2-Dichloropropane	7.434	63	374707	149.643	ug/l	98
46) Dibromomethane	7.580	93	283329	153.377	ug/l	94
47) Bromodichloromethane	7.824	83	574575	160.937	ug/l	98
48) Methyl methacrylate	7.696	41	469929	155.228	ug/l #	82
49) 1,4-Dioxane	7.665	88	198867	2942.556	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	3419787	808.809	ug/l	93
52) Toluene	8.720	92	1152552	173.867	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	694421	172.201	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	678749	162.277	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	434724	161.772	ug/l	96
56) Ethyl methacrylate	9.122	69	745126	176.401	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	696062	156.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1582348	829.965	ug/l	99
59) 2-Hexanone	9.439	43	2701250	815.737	ug/l	92
60) Dibromochloromethane	9.525	129	510124	177.582	ug/l	96
61) 1,2-Dibromoethane	9.616	107	484679	165.604	ug/l	100
64) Tetrachloroethene	9.275	164	388378	139.908	ug/l	99
65) Chlorobenzene	10.085	112	1188036	155.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	445961	158.104	ug/l	99
67) Ethyl Benzene	10.195	91	2127818	158.281	ug/l	98
68) m/p-Xylenes	10.305	106	1974144	351.677	ug/l	95
69) o-Xylene	10.646	106	958220	175.603	ug/l	98
70) Styrene	10.659	104	1783931	189.842	ug/l	99
71) Bromoform	10.805	173	448719	191.233	ug/l #	100
73) Isopropylbenzene	10.963	105	2585974	146.235	ug/l	98
74) N-amyl acetate	10.848	43	1063138	139.109	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	828212	134.063	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	703737m	126.990	ug/l	
77) Bromobenzene	11.201	156	622559	144.114	ug/l	99
78) n-propylbenzene	11.311	91	2927668	142.454	ug/l	98
79) 2-Chlorotoluene	11.366	91	1772736	142.237	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2296699	150.351	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	303702	154.352	ug/l	94
82) 4-Chlorotoluene	11.457	91	2205360	150.313	ug/l	97
83) tert-Butylbenzene	11.719	119	2183225	147.720	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2235240	149.461	ug/l	98
85) sec-Butylbenzene	11.896	105	2753401	145.967	ug/l	98
86) p-Isopropyltoluene	12.012	119	2435744	152.390	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	1228145	145.906	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1325532	150.120	ug/l	100
89) n-Butylbenzene	12.335	91	2112727	154.428	ug/l	99
90) Hexachloroethane	12.542	117	399419	148.728	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	1245421	148.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	184621	135.839	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	664906	141.375	ug/l	99
94) Hexachlorobutadiene	13.725	225	248839	131.121	ug/l	94
95) Naphthalene	13.780	128	2326534	141.636	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	661053	142.026	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC150

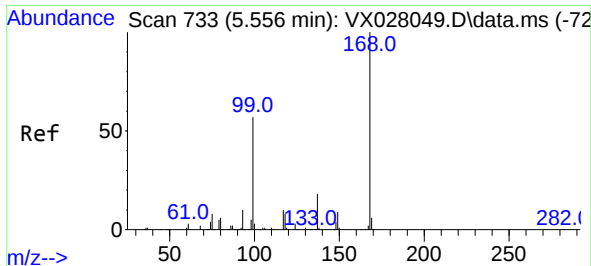
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/13/2022
Supervised By : Mahesh Dadoda 04/13/2022

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Quant Title : SW846 8260
QLast Update : Tue Apr 12 13:30:14 2022
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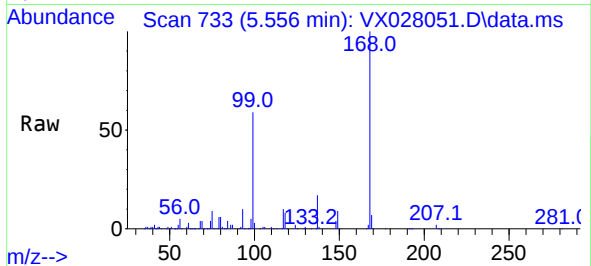
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

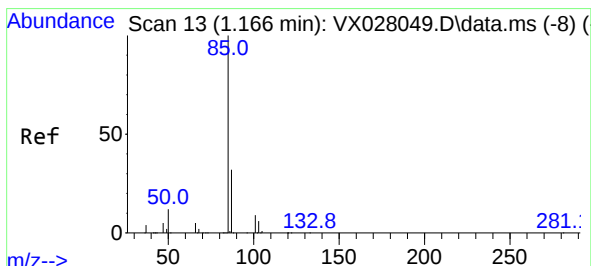
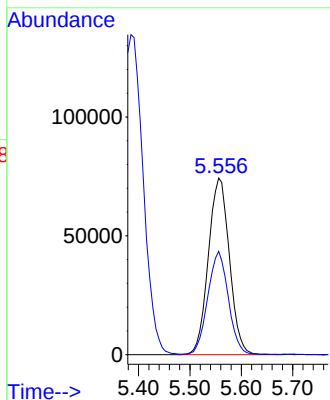
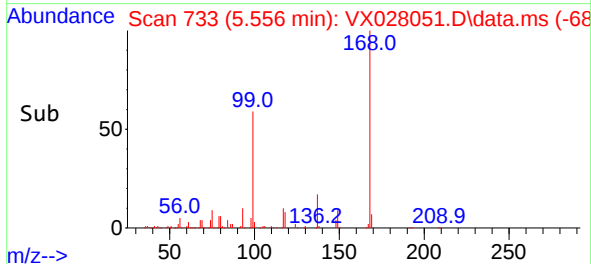
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



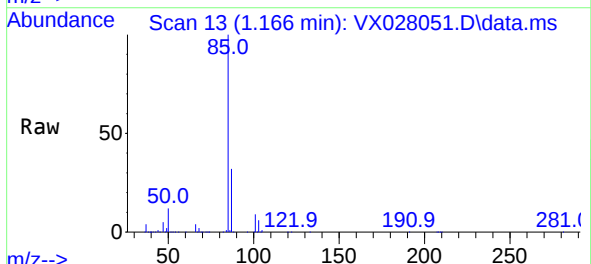
Tgt Ion:168 Resp: 211648
Ion Ratio Lower Upper
168 100
99 58.4 41.7 62.5

Manual Integrations
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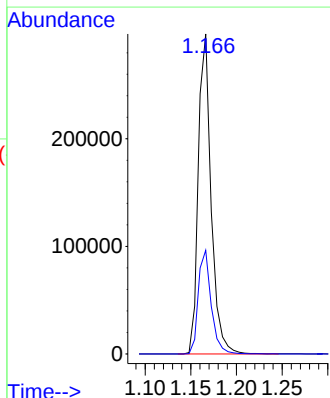
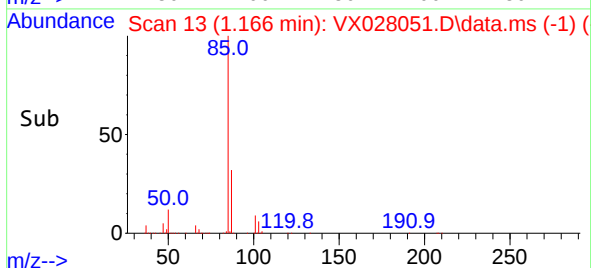
Reviewed By :John Carlone 04/13/2022
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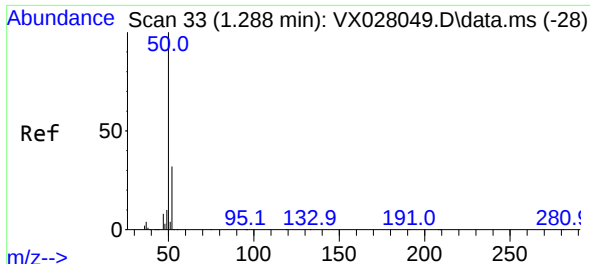


#2
Dichlorodifluoromethane
Concen: 140.989 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



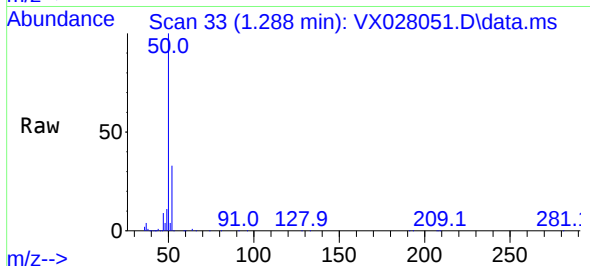
Tgt Ion: 85 Resp: 289731
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 134.533 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

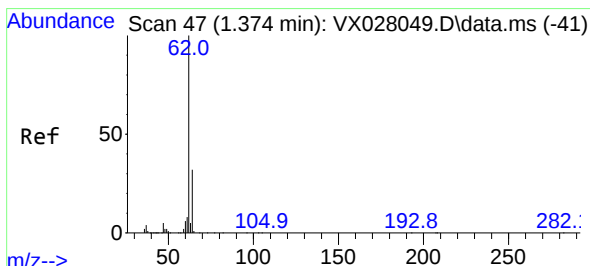
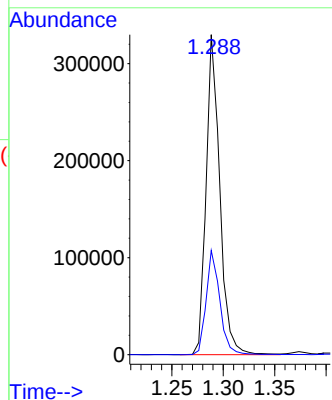
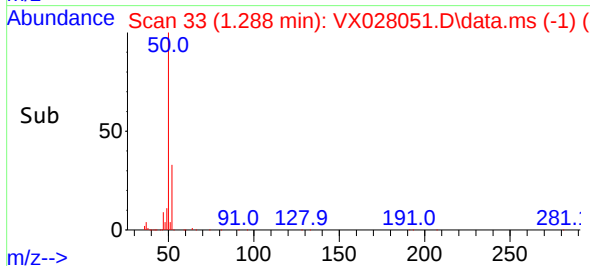
Instrument :
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ClientSampleId :
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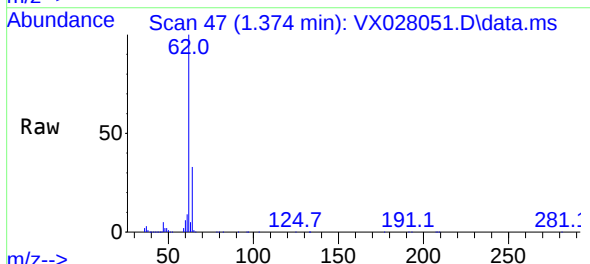
Tgt Ion: 50 Resp: 30597
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

Manual Integrations
APPROVED

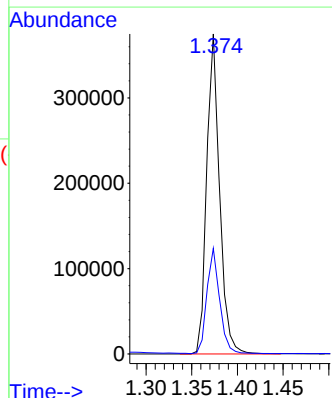
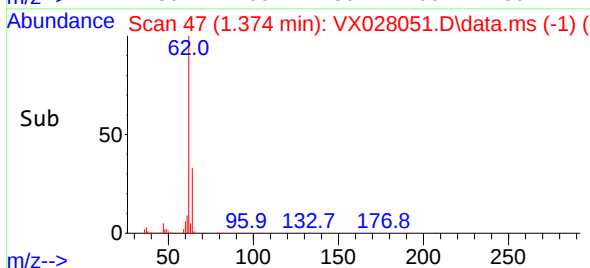
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



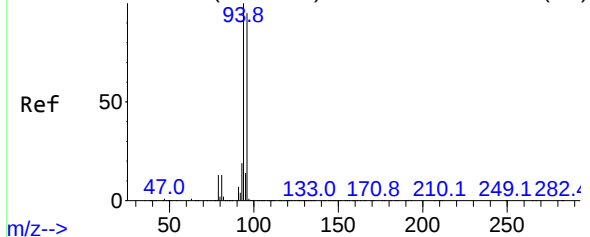
#4
Vinyl Chloride
Concen: 133.776 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion: 62 Resp: 365780
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3

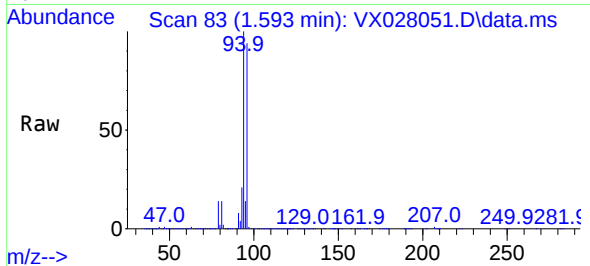


Abundance Scan 84 (1.599 min): VX028049.D\data.ms (-77)



#5
Bromomethane
Concen: 139.666 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

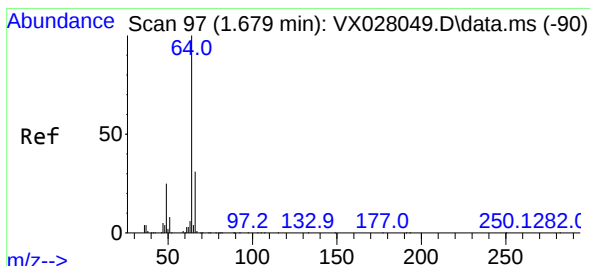
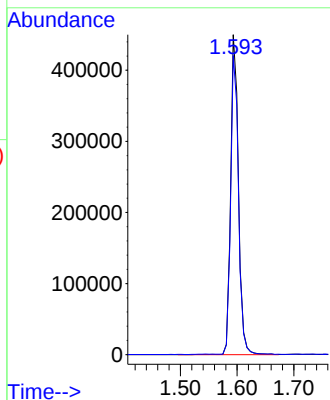
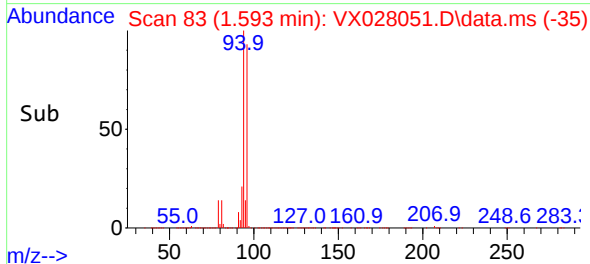
Instrument :
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Tgt Ion: 94 Resp: 42807
Ion Ratio Lower Upper
94 100
96 93.4 75.3 112.9

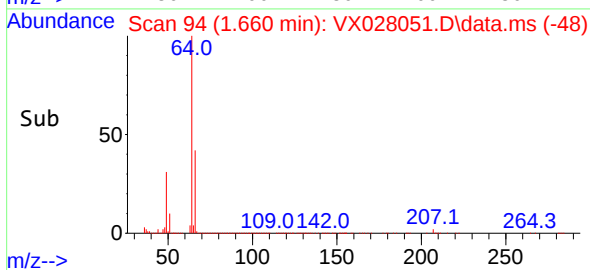
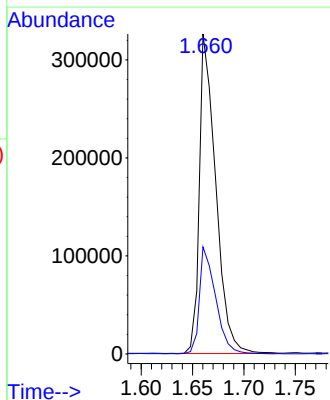
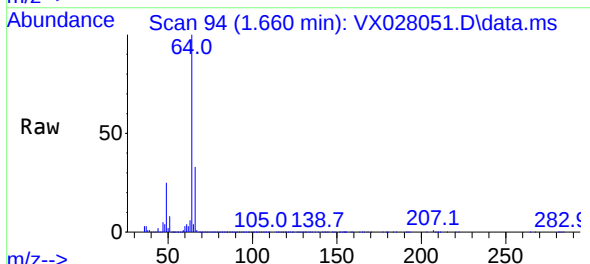
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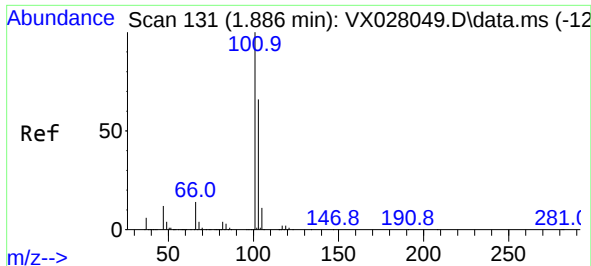
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#6
Chloroethane
Concen: 154.651 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX028051.D
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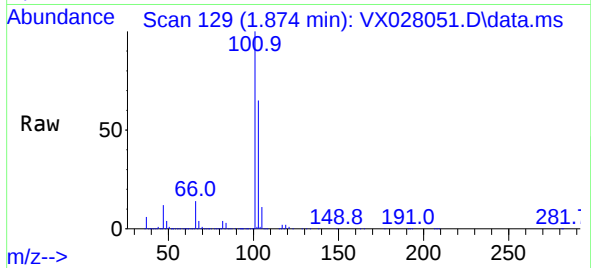
Tgt Ion: 64 Resp: 361625
Ion Ratio Lower Upper
64 100
66 33.4 25.3 37.9





#7
Trichlorofluoromethane
Concen: 148.277 ug/l
RT: 1.874 min Scan# 101
Delta R.T. -0.012 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

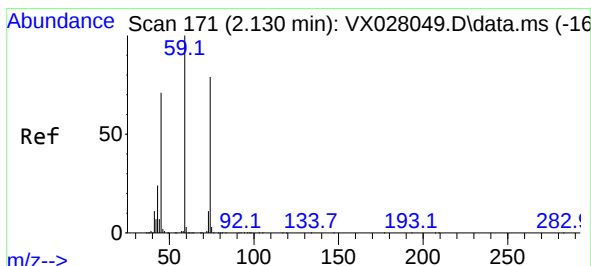
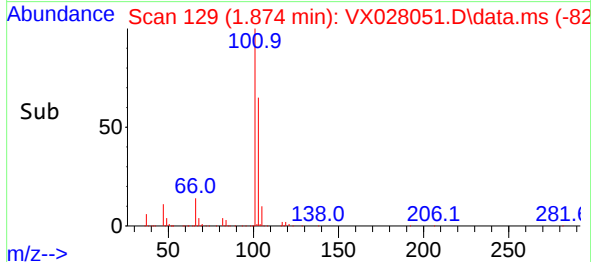
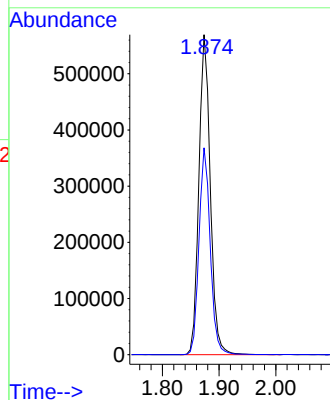
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 795119
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

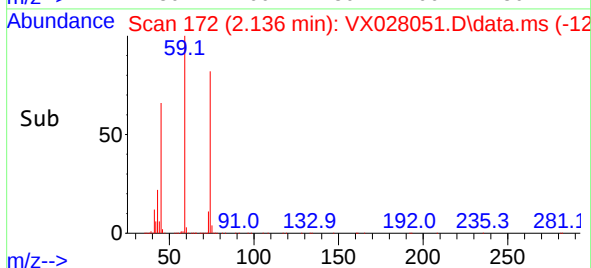
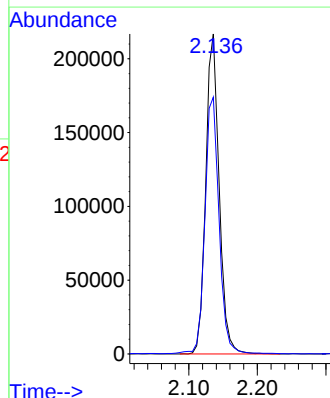
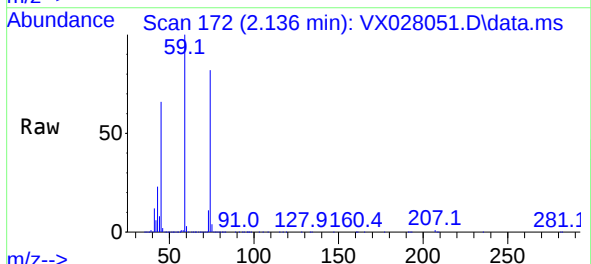
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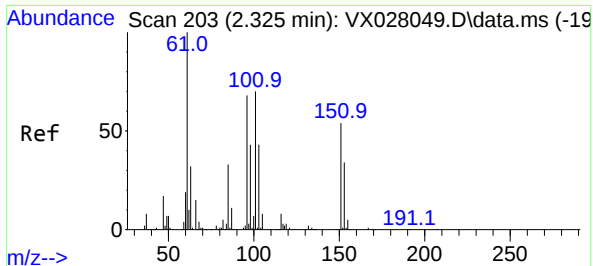
Reviewed By :John Carlone 04/13/2022
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#8
Diethyl Ether
Concen: 143.602 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

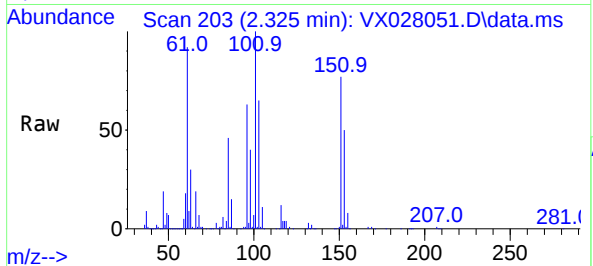
Tgt Ion: 74 Resp: 295102
Ion Ratio Lower Upper
74 100
45 84.7 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.447 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

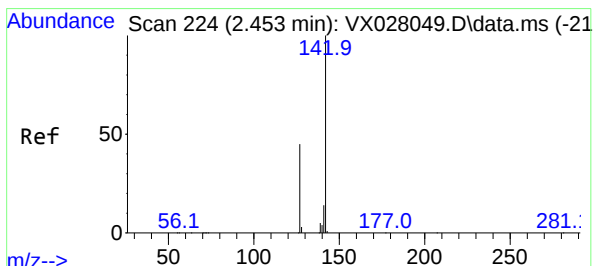
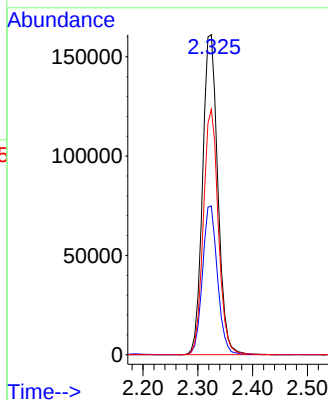
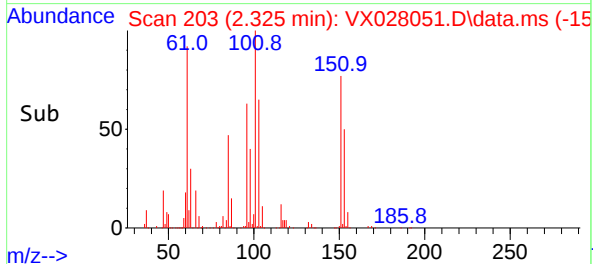
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



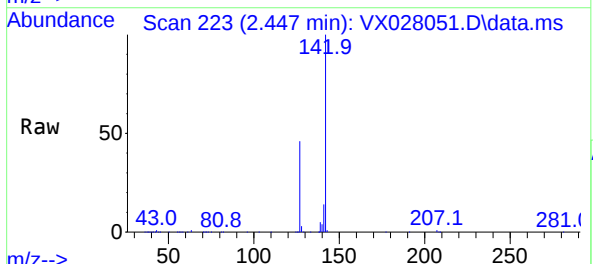
Tgt Ion:101 Resp: 310284
Ion Ratio Lower Upper
101 100
85 45.9 33.5 50.3
151 75.4 61.8 92.6

Manual Integrations
APPROVED

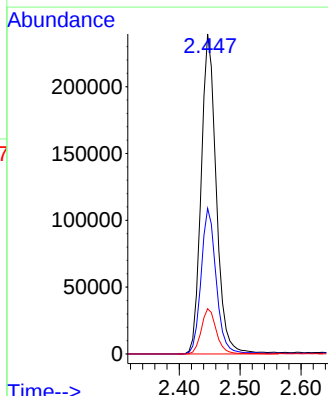
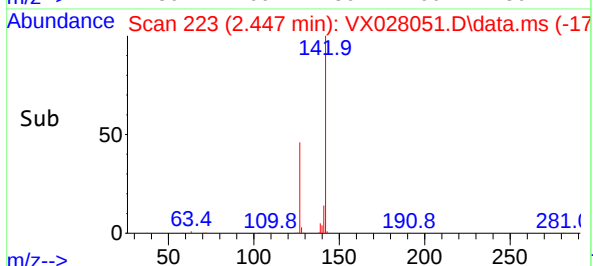
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

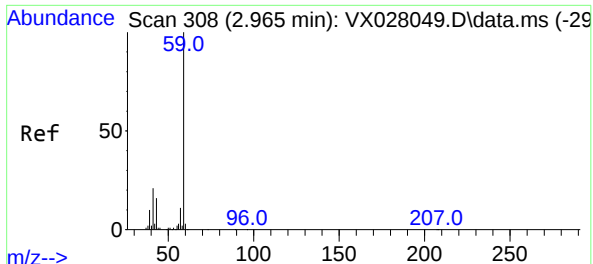


#10
Methyl Iodide
Concen: 167.020 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion:142 Resp: 414929
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 743.063 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.030 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 49526

Ion Ratio Lower Upper

59 100

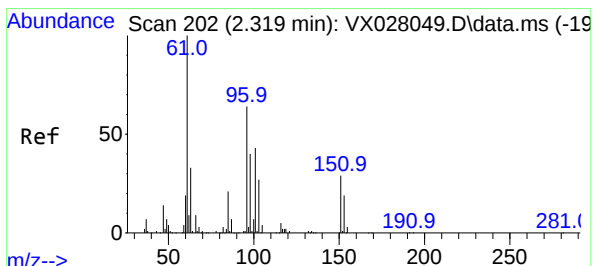
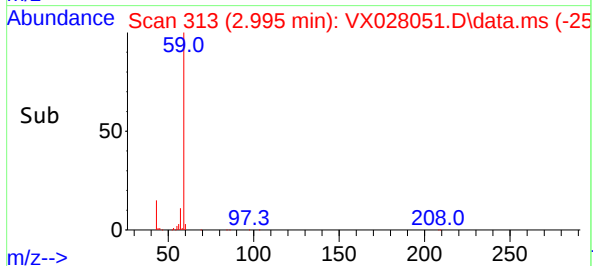
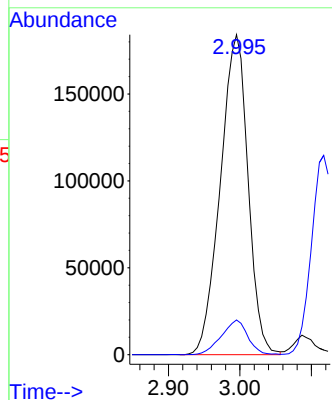
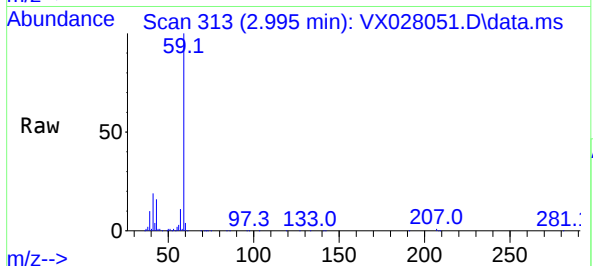
57 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#12

1,1-Dichloroethene

Concen: 143.937 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.007 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

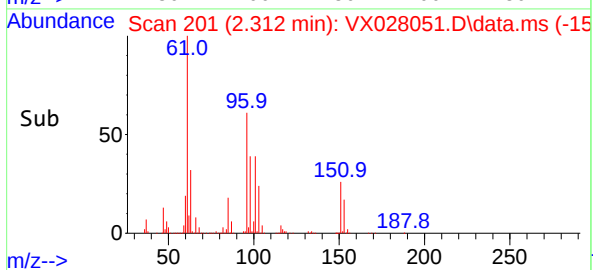
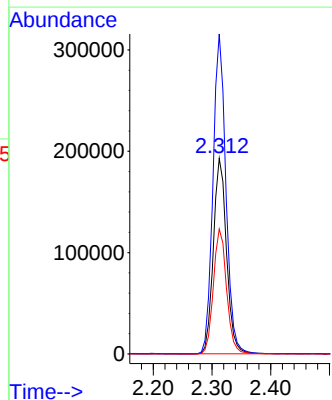
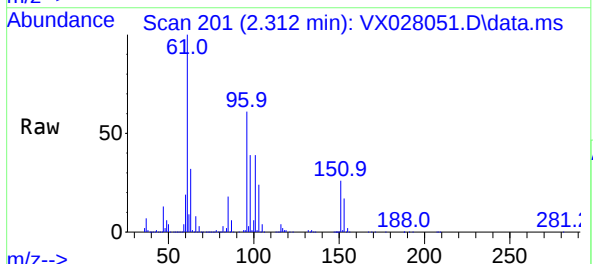
Tgt Ion: 96 Resp: 300695

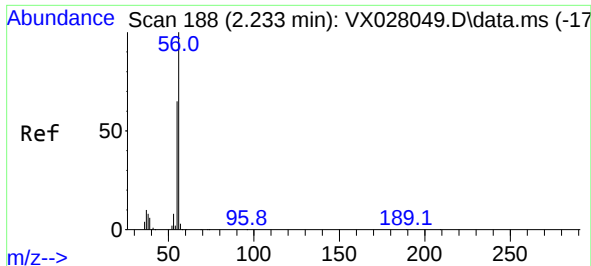
Ion Ratio Lower Upper

96 100

61 163.6 124.6 187.0

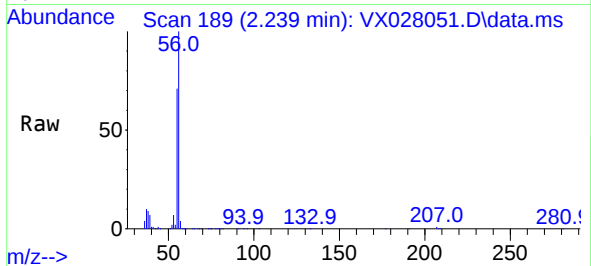
98 63.9 51.0 76.4





#13
Acrolein
Concen: 676.952 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

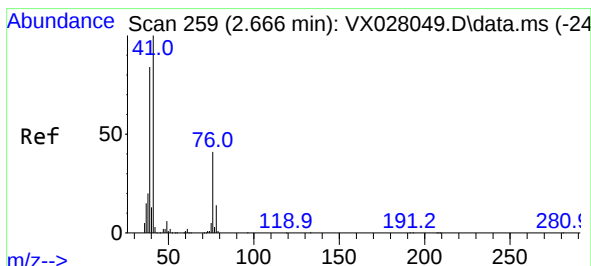
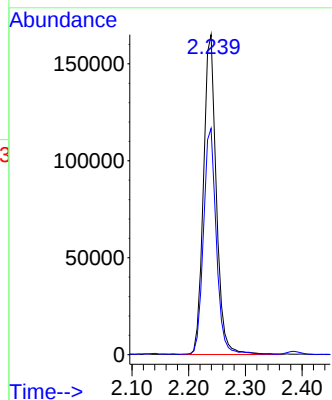
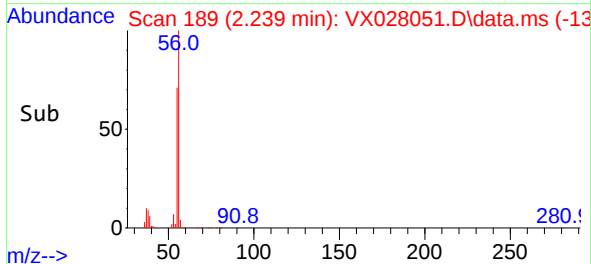
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



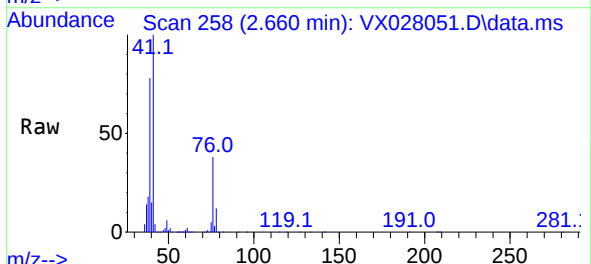
Tgt Ion: 56 Resp: 259888
Ion Ratio Lower Upper
56 100
55 70.6 55.0 82.6

Manual Integrations
APPROVED

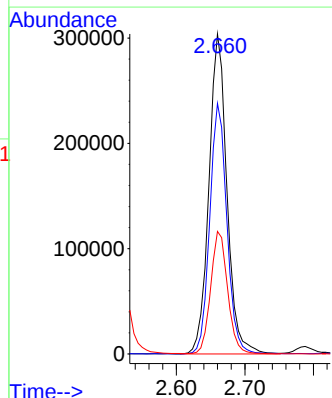
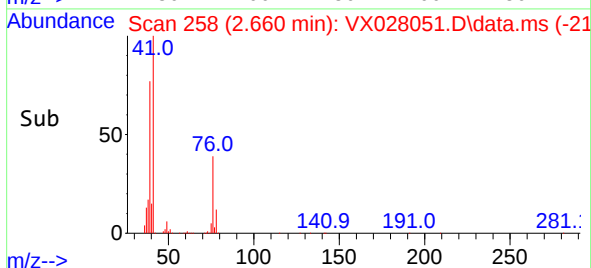
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

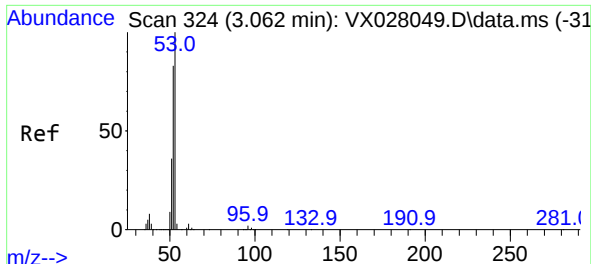


#14
Allyl chloride
Concen: 150.430 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



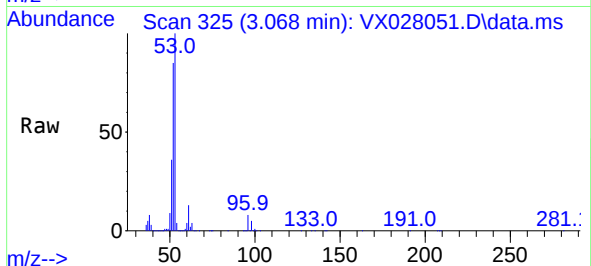
Tgt Ion: 41 Resp: 556181
Ion Ratio Lower Upper
41 100
39 74.3 50.4 75.6
76 36.1 32.7 49.1





#15
Acrylonitrile
Concen: 761.516 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

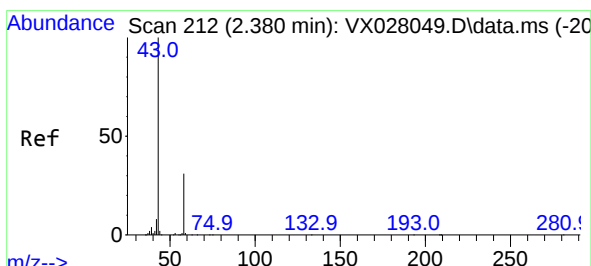
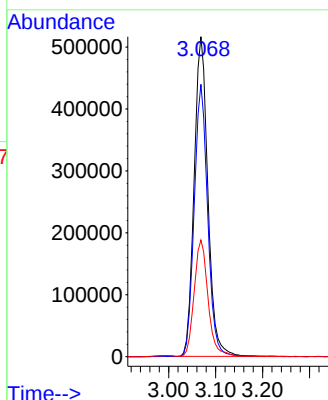
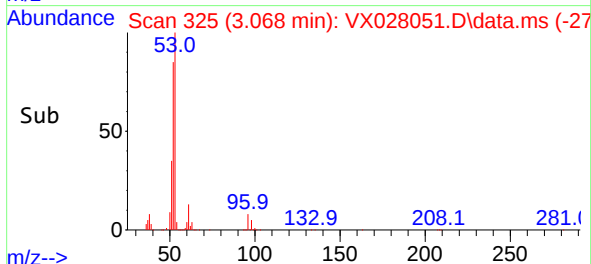
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



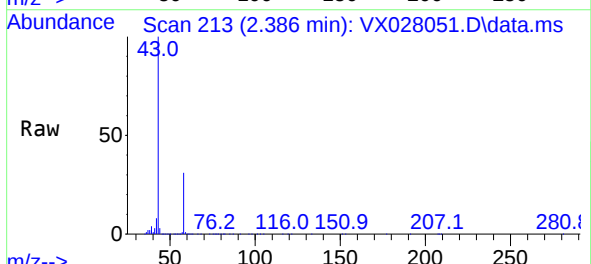
Tgt Ion: 53 Resp: 1051750
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 36.7 28.4 42.6

Manual Integrations
APPROVED

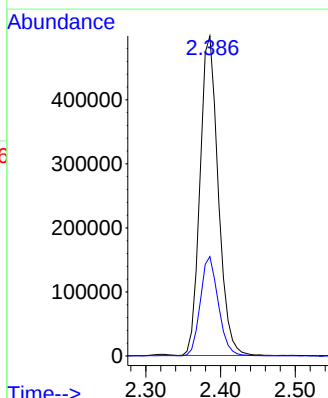
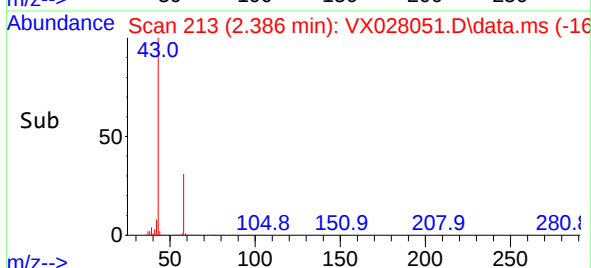
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

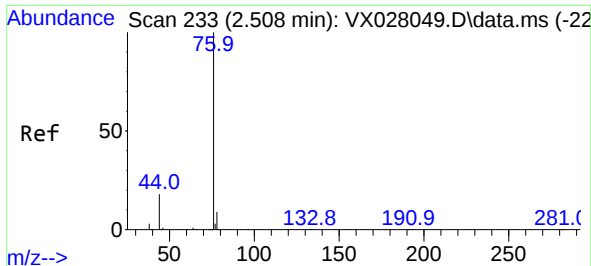


#16
Acetone
Concen: 704.021 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



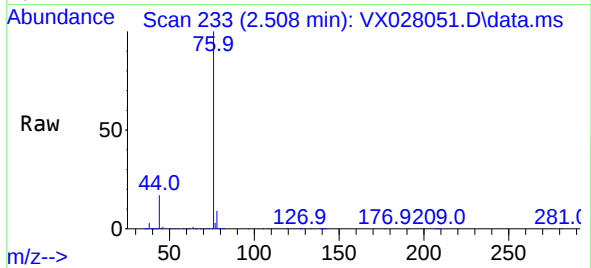
Tgt Ion: 43 Resp: 842244
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2





#17
Carbon Disulfide
Concen: 157.104 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

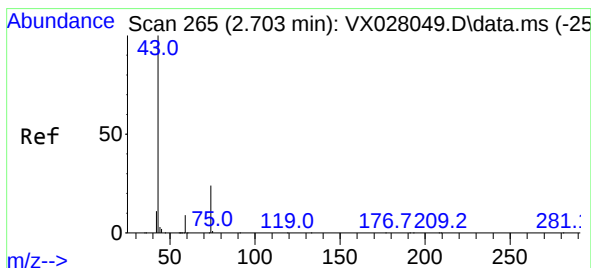
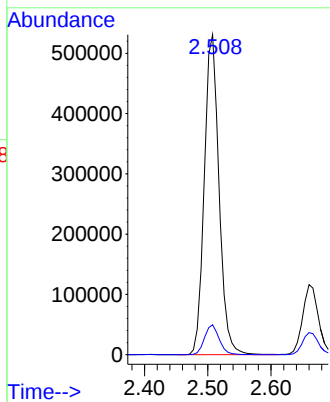
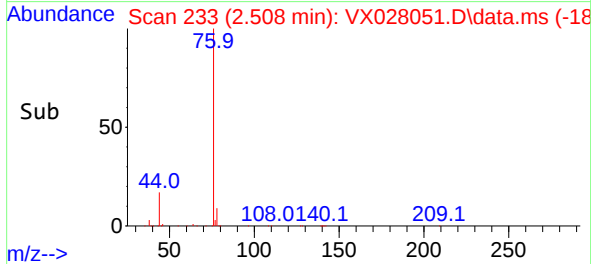
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



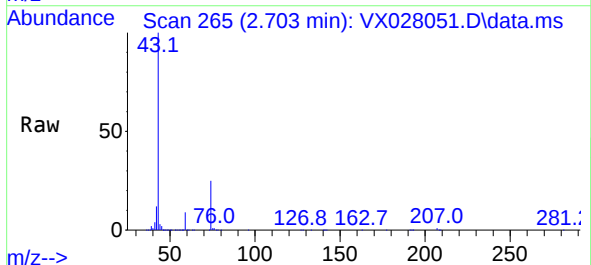
Tgt Ion: 76 Resp: 86248
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
APPROVED

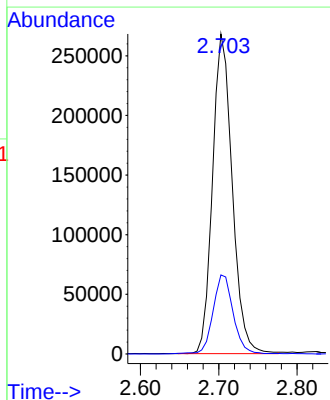
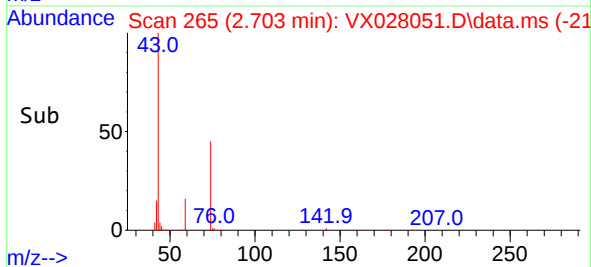
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

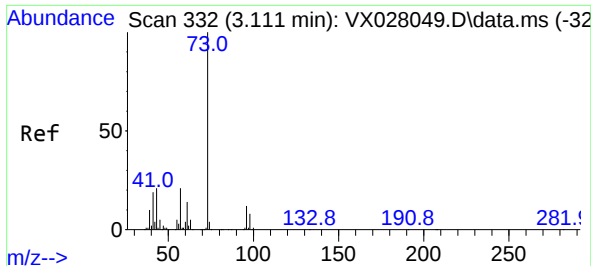


#18
Methyl Acetate
Concen: 146.491 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



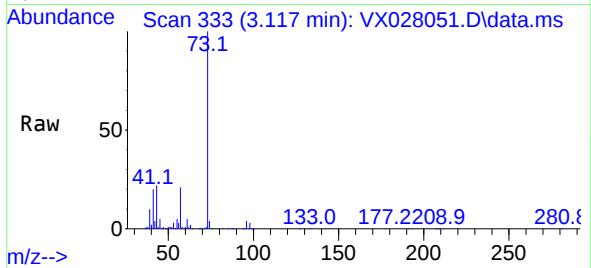
Tgt Ion: 43 Resp: 467638
Ion Ratio Lower Upper
43 100
74 25.5 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 158.461 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

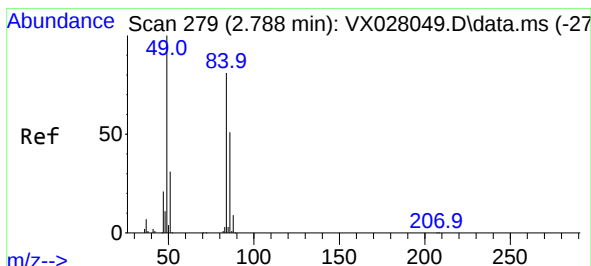
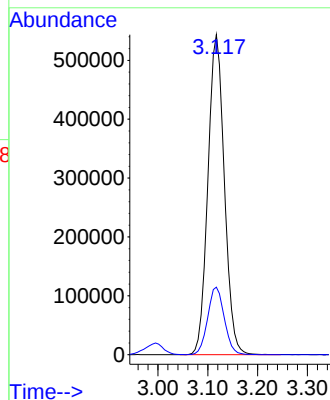
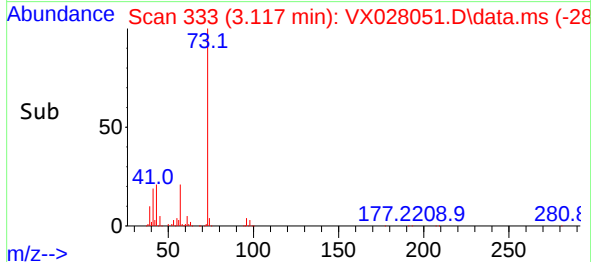
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 124323
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2

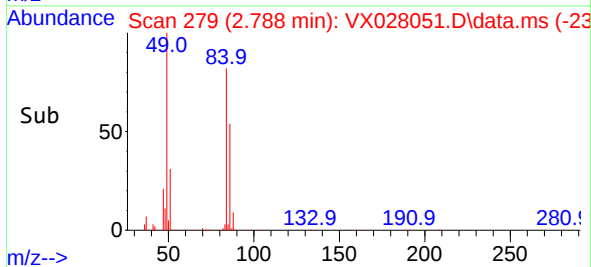
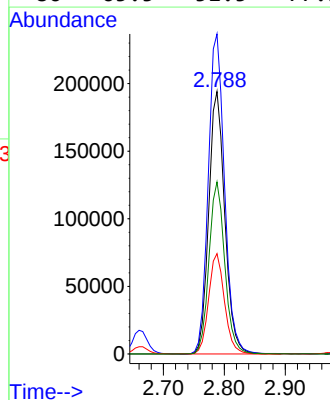
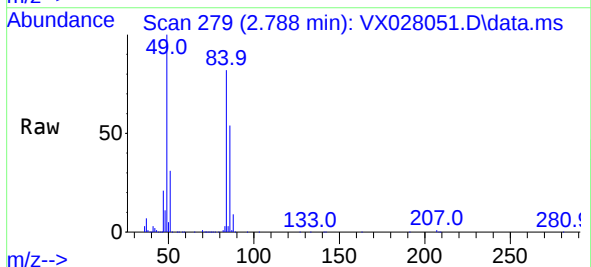
Manual Integrations
APPROVED

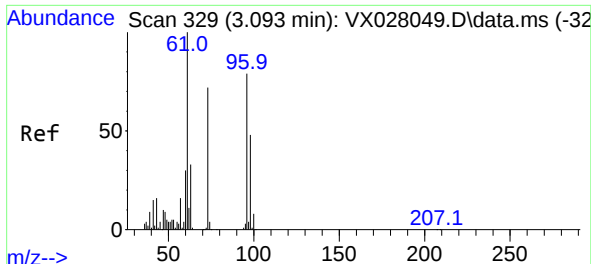
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#20
Methylene Chloride
Concen: 149.395 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

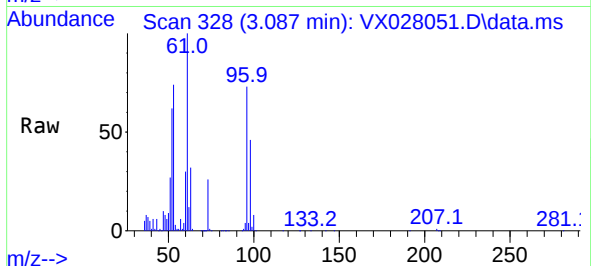
Tgt Ion: 84 Resp: 355984
Ion Ratio Lower Upper
84 100
49 121.9 85.5 128.3
51 38.2 26.6 39.8
86 65.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 150.508 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

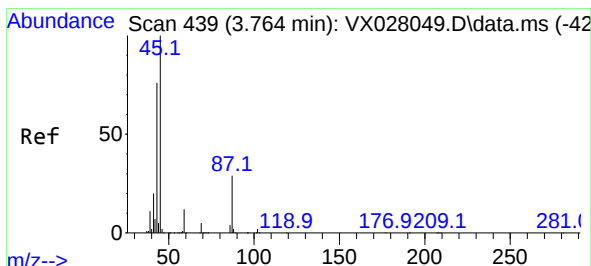
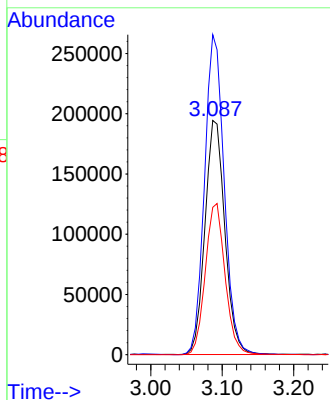
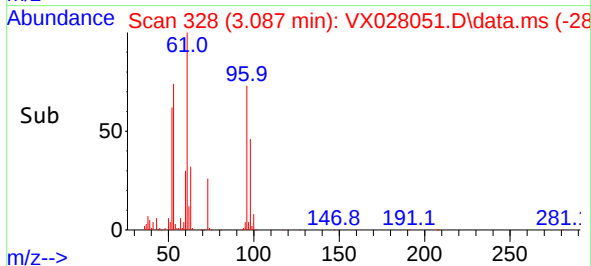
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



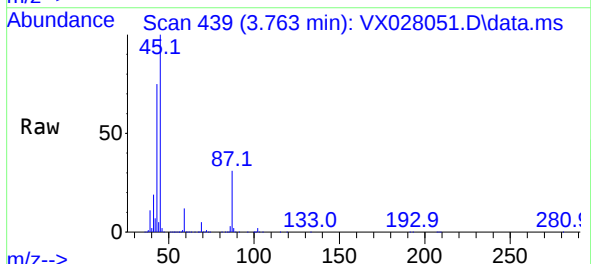
Tgt Ion: 96 Resp: 376648
Ion Ratio Lower Upper
96 100
61 136.7 105.4 158.2
98 63.0 50.0 75.0

Manual Integrations
APPROVED

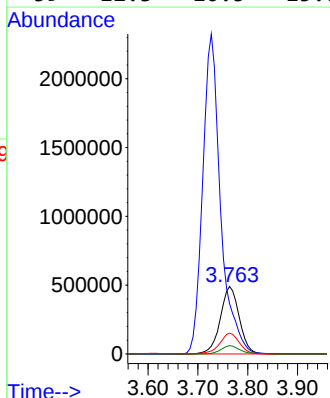
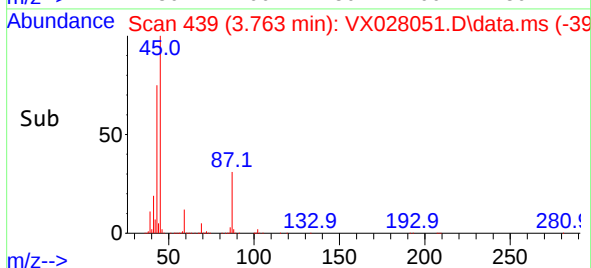
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

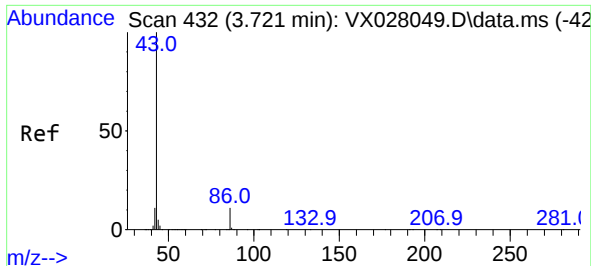


#22
Diisopropyl ether
Concen: 163.111 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



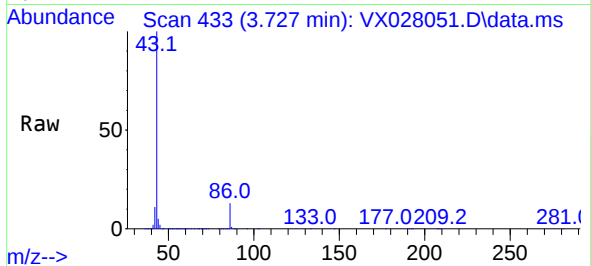
Tgt Ion: 45 Resp: 1294127
Ion Ratio Lower Upper
45 100
43 74.7 50.8 76.2
87 30.9 26.6 39.8
59 12.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 820.749 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

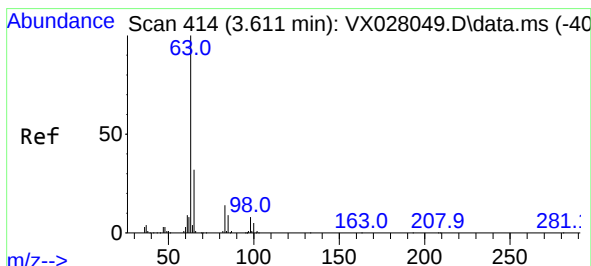
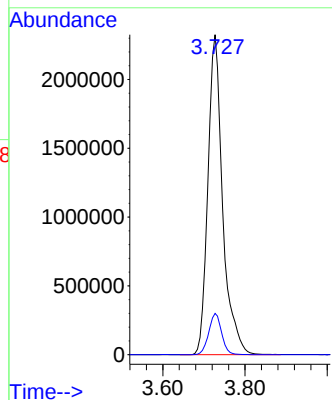
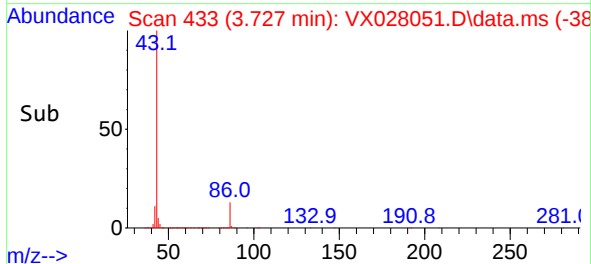
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



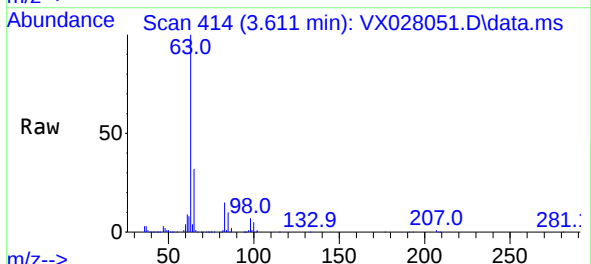
Tgt Ion: 43 Resp: 5786200
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.8 16.2

Manual Integrations
 APPROVED

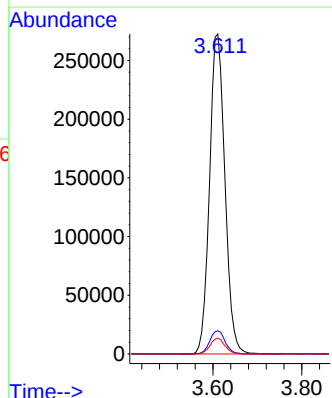
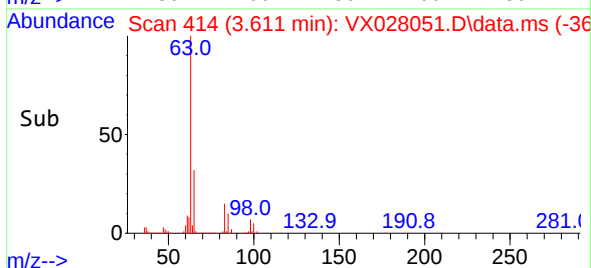
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022

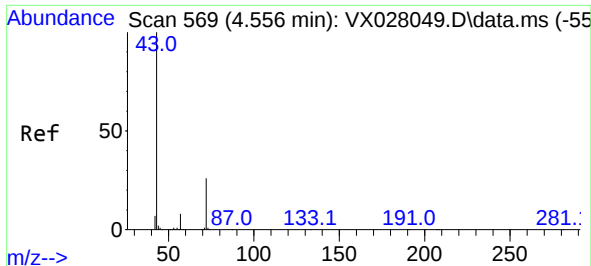


#24
 1,1-Dichloroethane
 Concen: 152.752 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43



Tgt Ion: 63 Resp: 656069
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.9 2.4 7.2





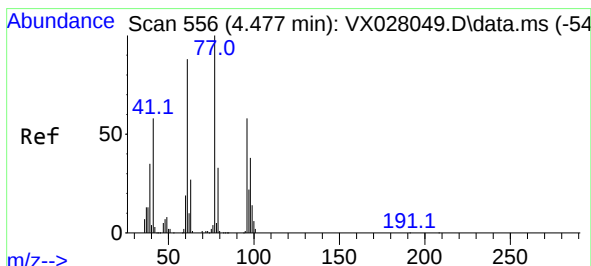
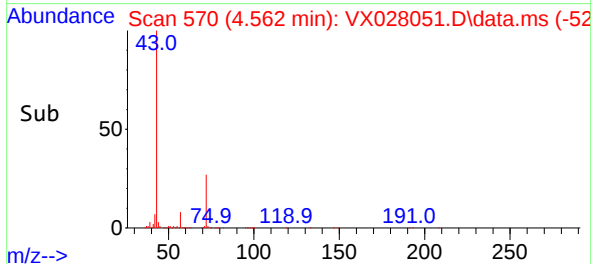
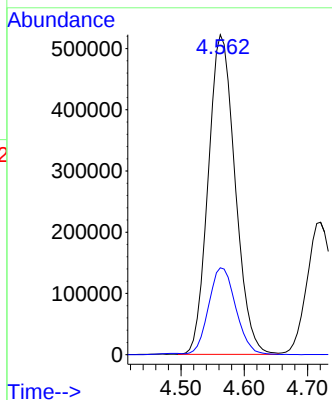
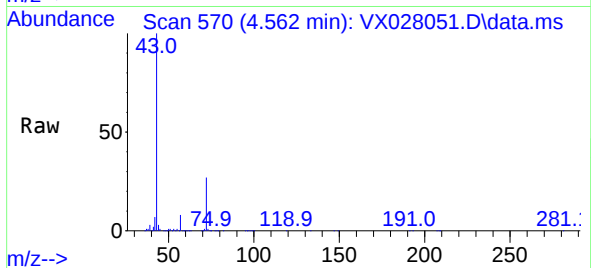
#25
2-Butanone
Concen: 745.308 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1541230
Ion Ratio Lower Upper
43 100
72 27.1 24.4 36.6

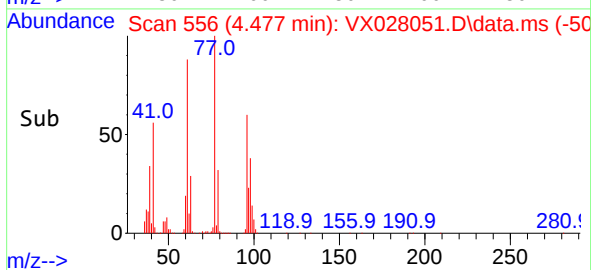
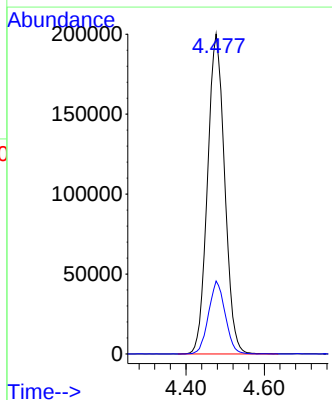
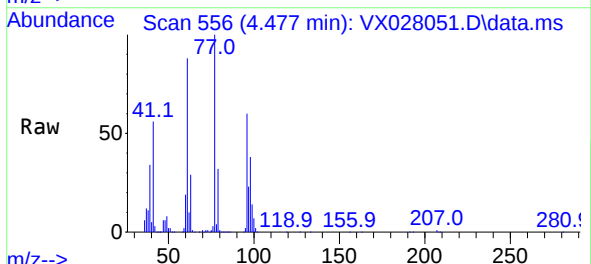
Manual Integrations
APPROVED

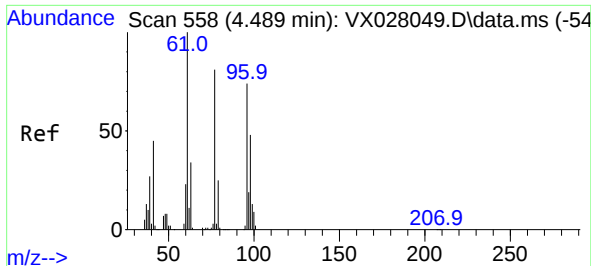
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#26
2,2-Dichloropropane
Concen: 152.144 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

Tgt Ion: 77 Resp: 606660
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 148.853 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

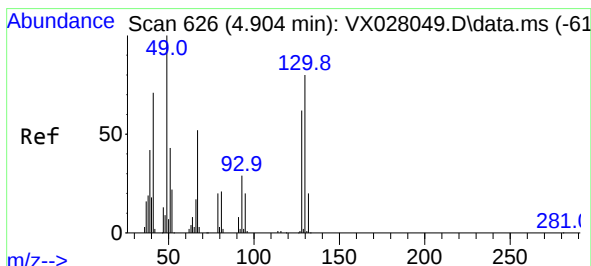
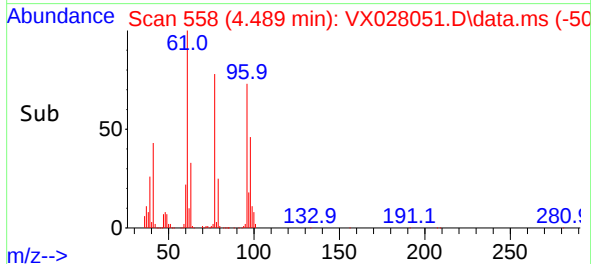
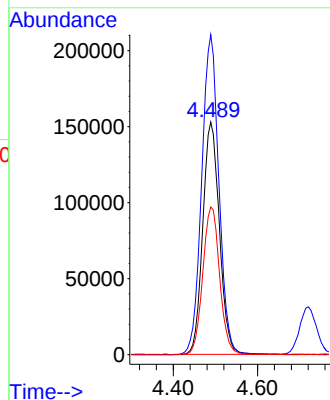
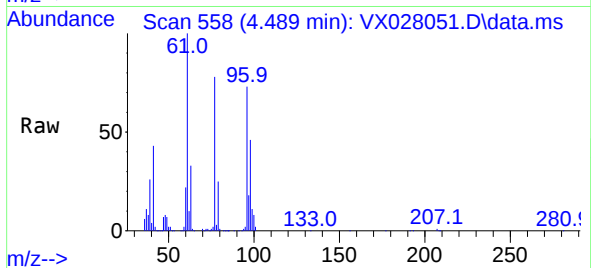
VSTDICC150

Tgt Ion: 96 Resp: 419902
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 283.8
 98 64.5 0.0 129.8

Manual Integrations

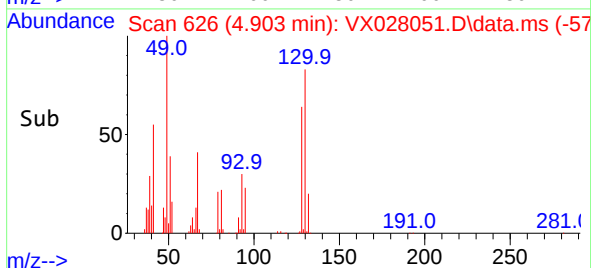
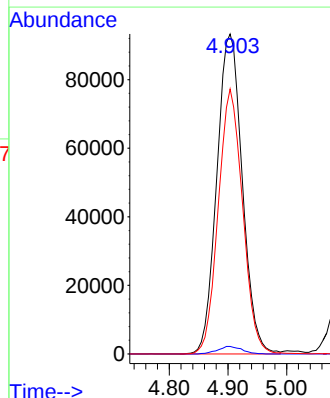
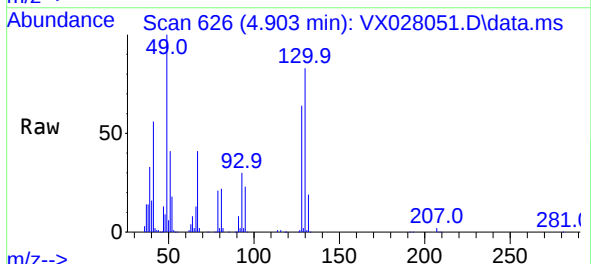
APPROVED

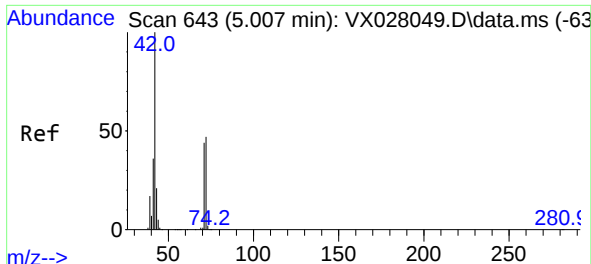
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022



#28
 Bromochloromethane
 Concen: 152.141 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.001 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

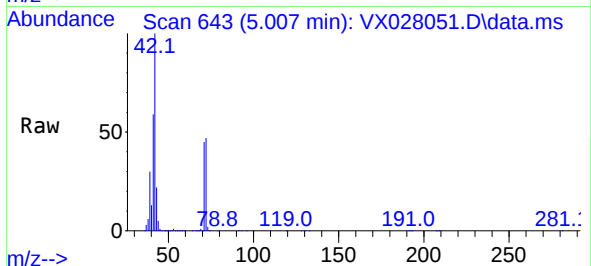
Tgt Ion: 49 Resp: 280876
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 79.4 70.7 106.1





#29
Tetrahydrofuran
Concen: 766.403 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

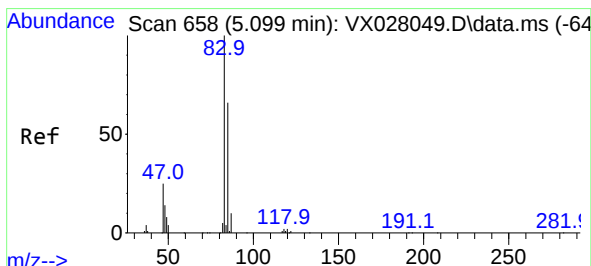
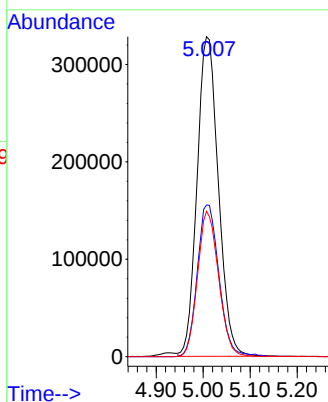
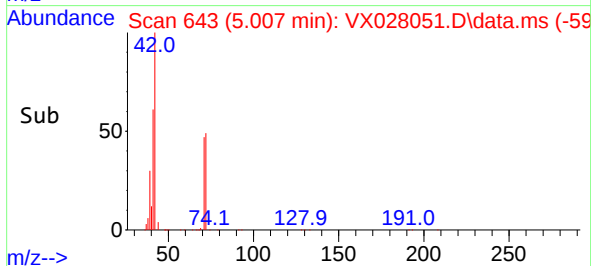
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



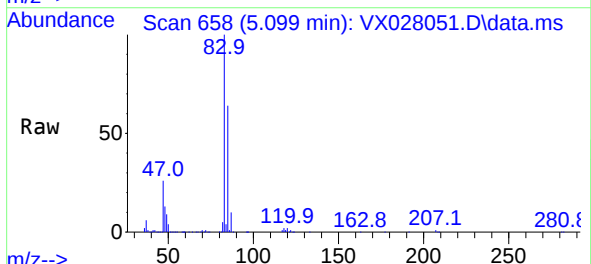
Tgt Ion: 42 Resp: 103586
Ion Ratio Lower Upper
42 100
72 48.5 44.1 66.1
71 44.9 40.5 60.7

Manual Integrations
APPROVED

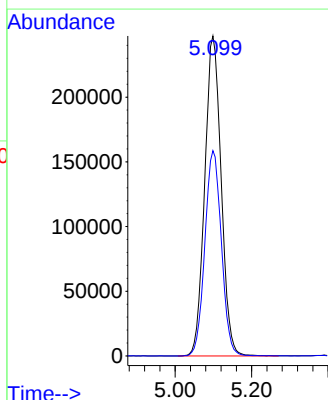
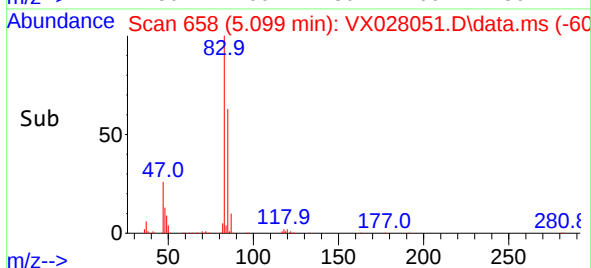
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

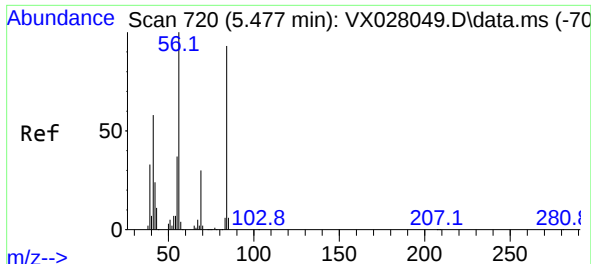


#30
Chloroform
Concen: 154.518 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



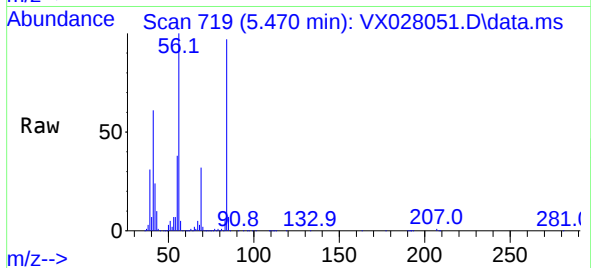
Tgt Ion: 83 Resp: 737985
Ion Ratio Lower Upper
83 100
85 64.1 52.7 79.1





#31
Cyclohexane
Concen: 150.686 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

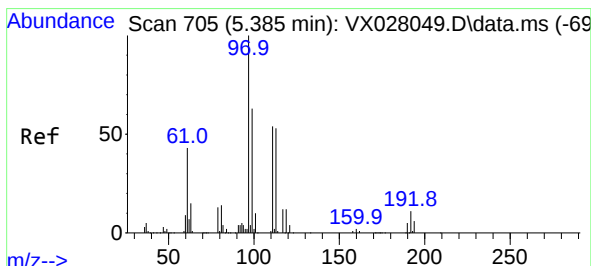
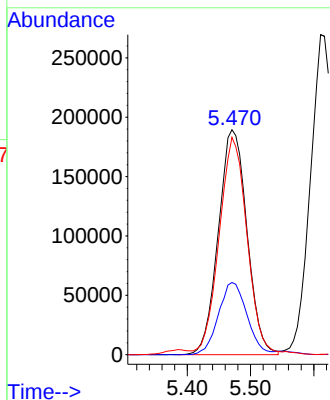
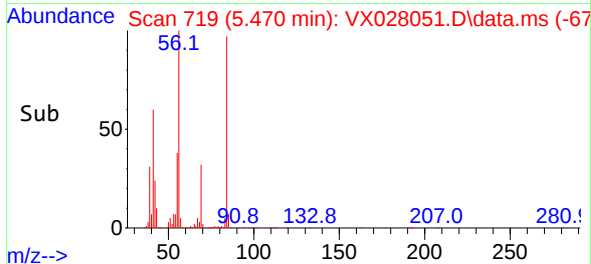
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 594935
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 95.1 77.2 115.8

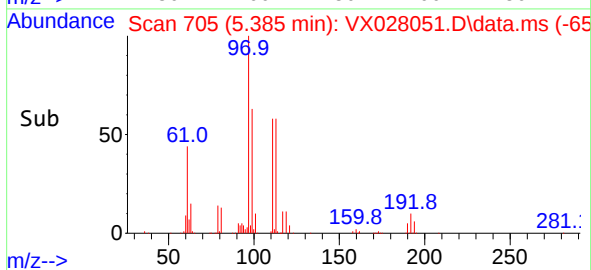
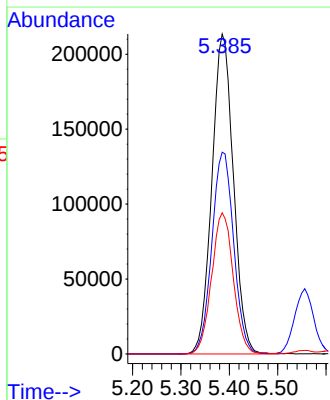
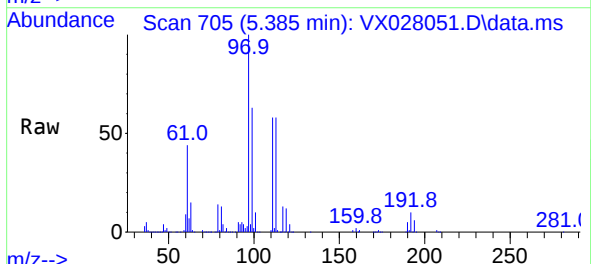
Manual Integrations
APPROVED

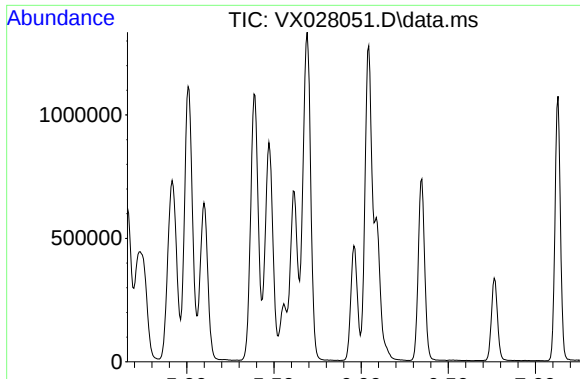
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#32
1,1,1-Trichloroethane
Concen: 152.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

Tgt Ion: 97 Resp: 657940
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 44.6 34.0 51.0





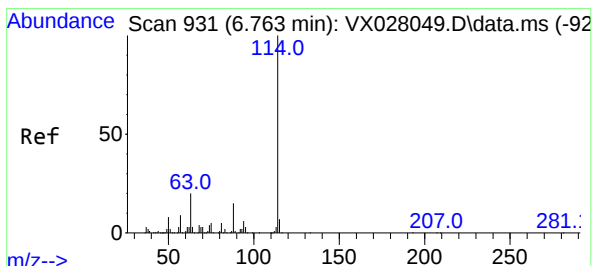
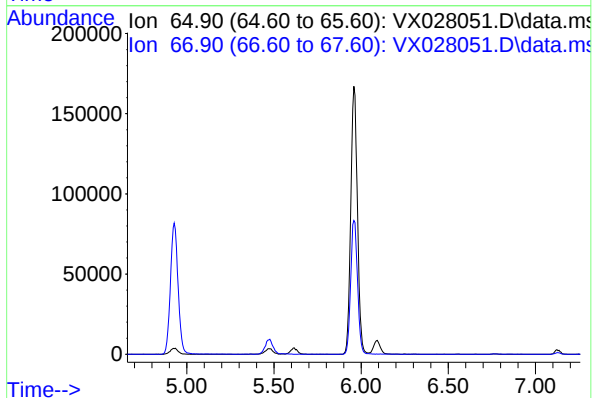
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.96 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.7

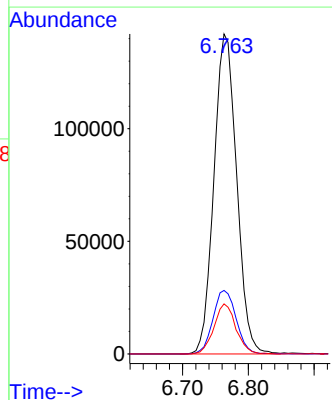
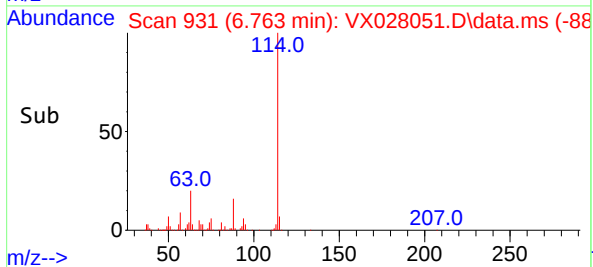
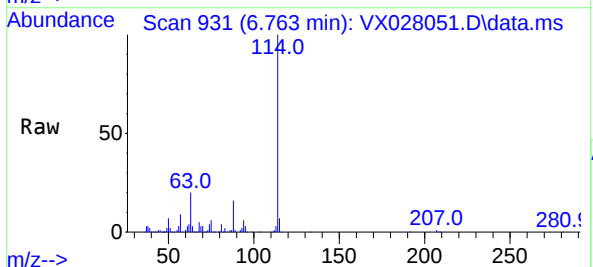
Manual Integrations
 APPROVED

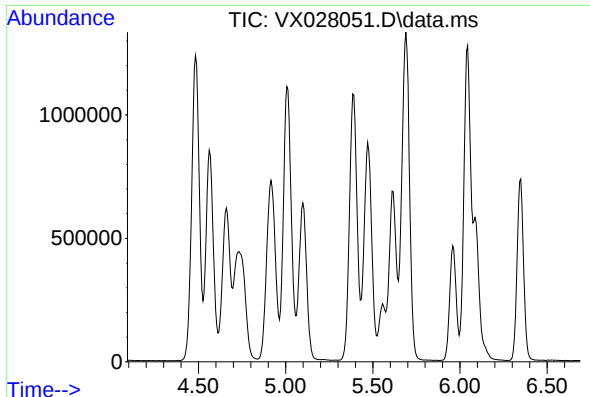
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.8
88	15.7	0.0	32.4





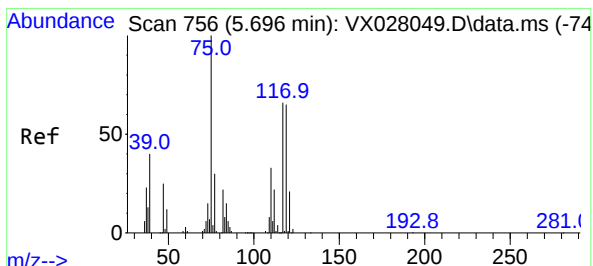
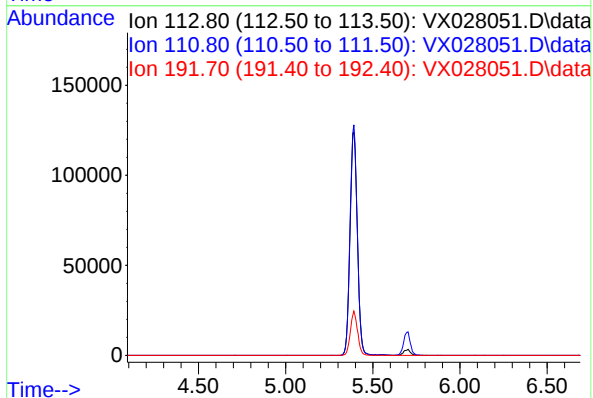
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.39 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.5
 192 21.1

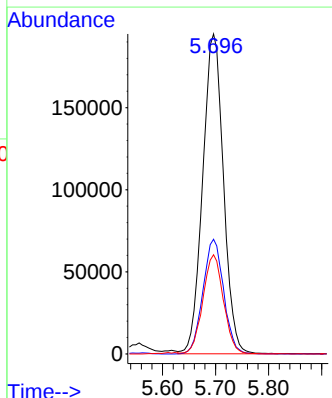
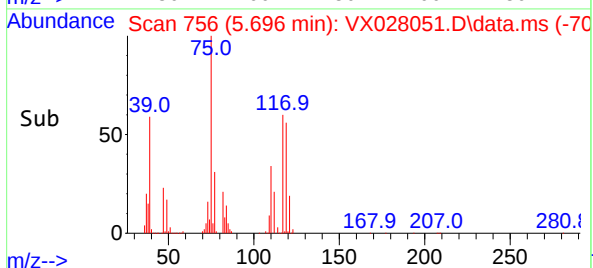
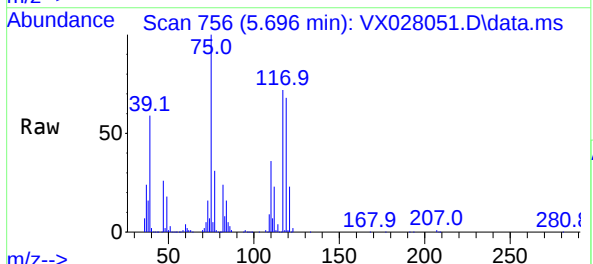
Manual Integrations
 APPROVED

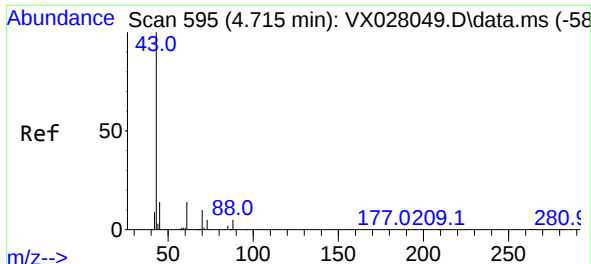
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022



#36
 1,1-Dichloropropene
 Concen: 155.011 ug/l
 RT: 5.696 min Scan# 756
 Delta R.T. 0.000 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

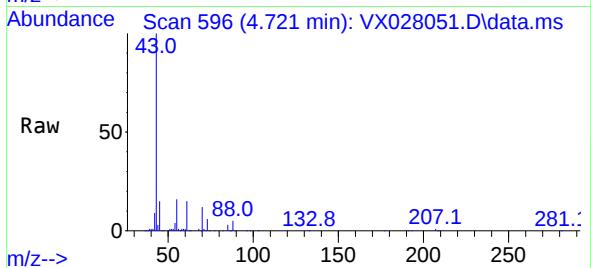
Tgt Ion: 75 Resp: 529663
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.3 54.8
 77 30.6 24.8 37.2





#37
Ethyl Acetate
Concen: 159.079 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

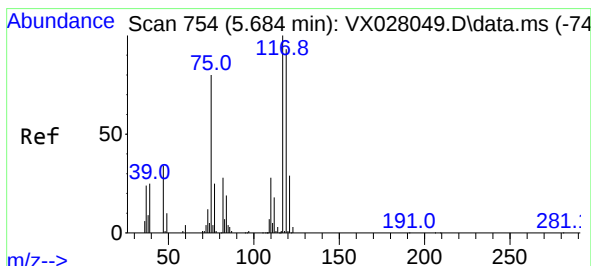
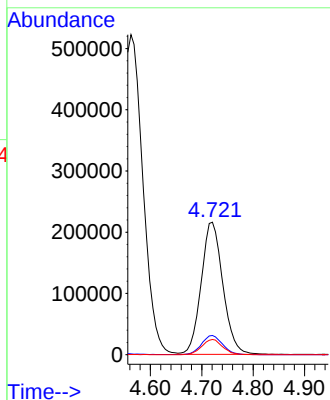
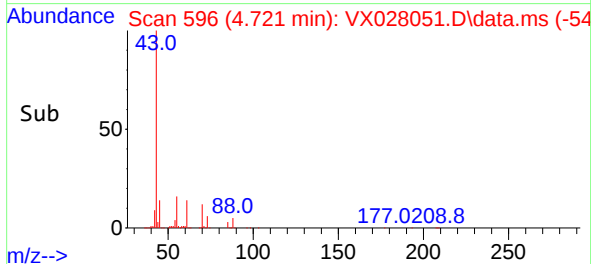
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



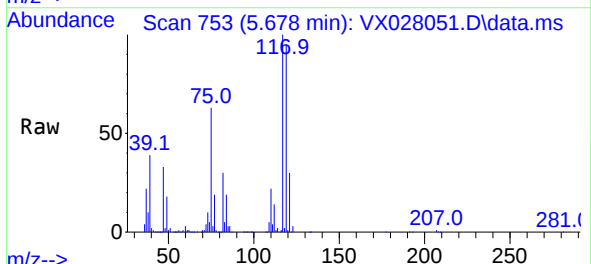
Tgt Ion: 43 Resp: 63321
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 11.1 10.2 15.2

Manual Integrations
APPROVED

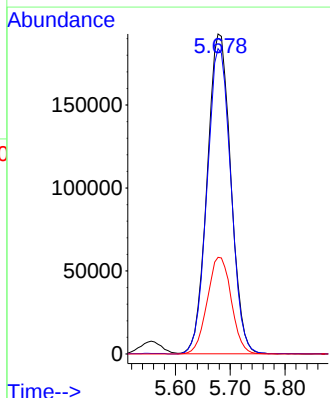
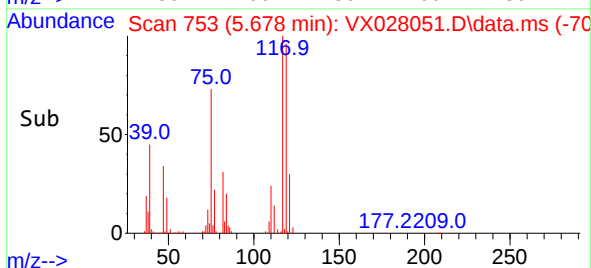
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

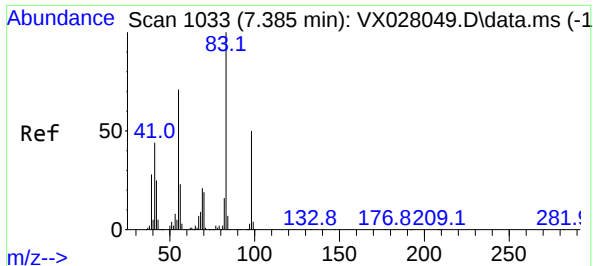


#38
Carbon Tetrachloride
Concen: 158.144 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion:117 Resp: 576894
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 154.524 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 624154

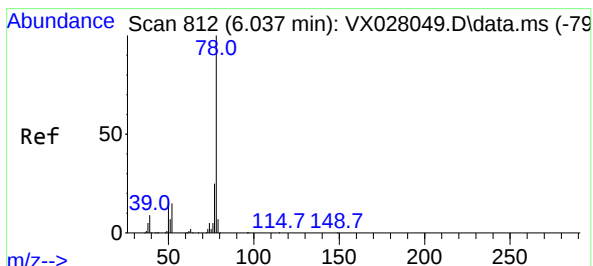
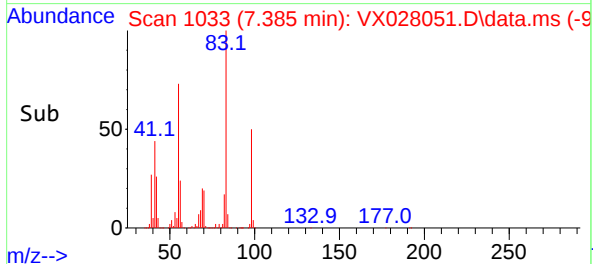
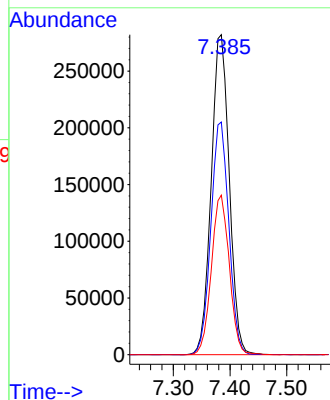
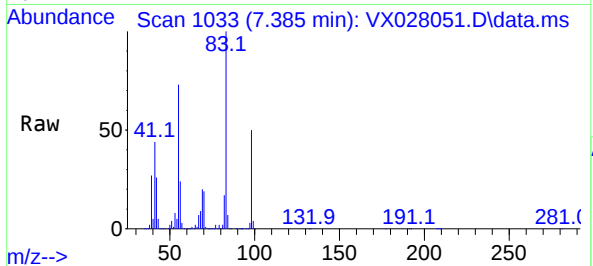
Ion	Ratio	Lower	Upper
83	100		
55	72.7	54.6	81.8
98	49.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#40

Benzene

Concen: 153.163 ug/l

RT: 6.044 min Scan# 813

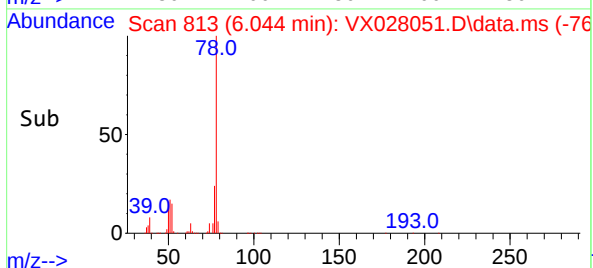
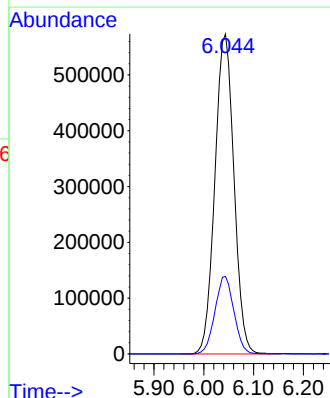
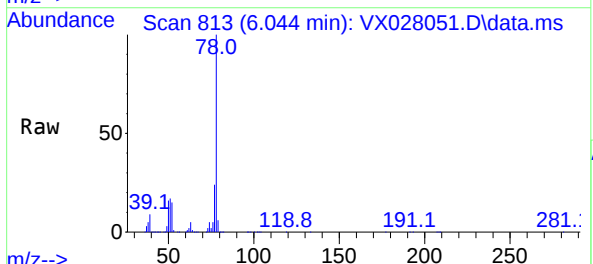
Delta R.T. 0.007 min

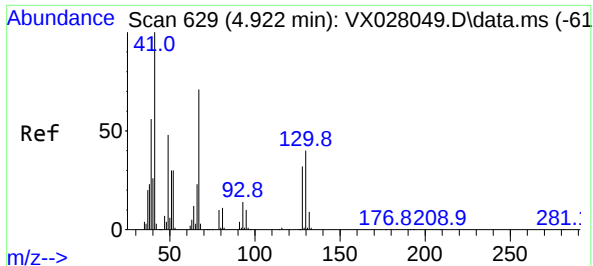
Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Tgt Ion: 78 Resp: 1521838

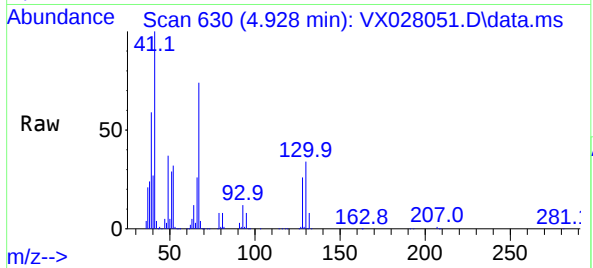
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#41
Methacrylonitrile
Concen: 156.067 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

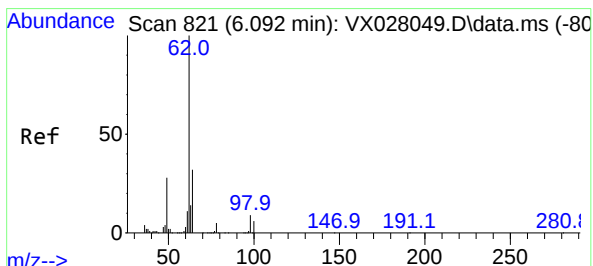
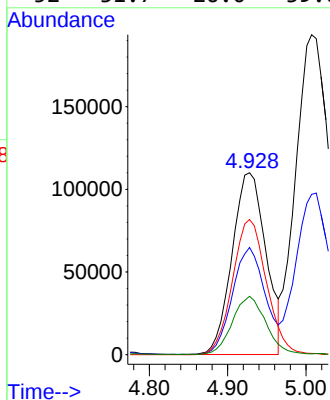
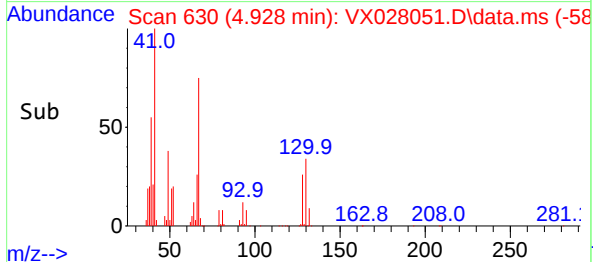
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 33050
Ion Ratio Lower Upper
41 100
39 57.1 43.0 64.4
67 74.9 70.2 105.4
52 31.7 26.0 39.0

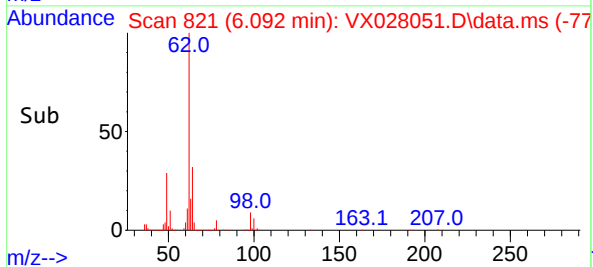
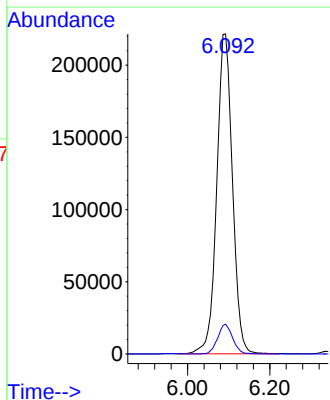
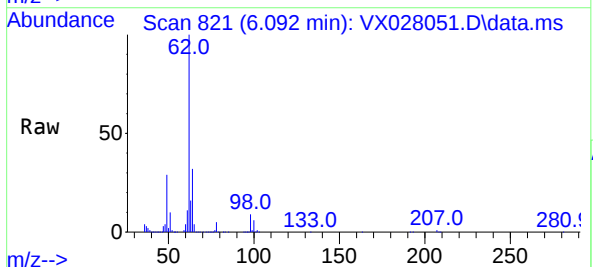
Manual Integrations
APPROVED

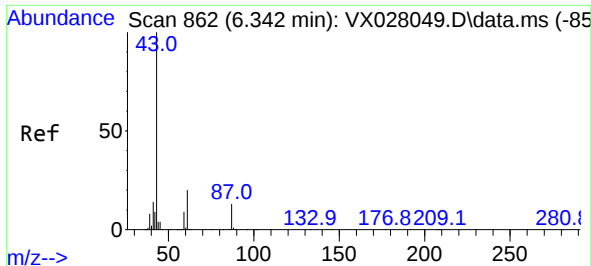
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#42
1,2-Dichloroethane
Concen: 156.510 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

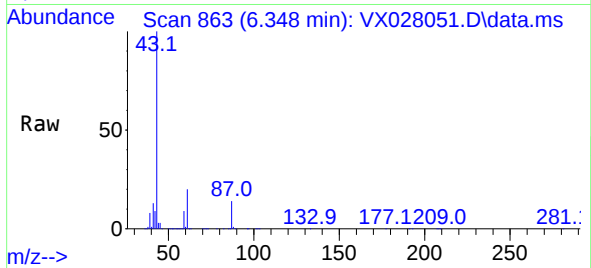
Tgt Ion: 62 Resp: 587212
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 154.358 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

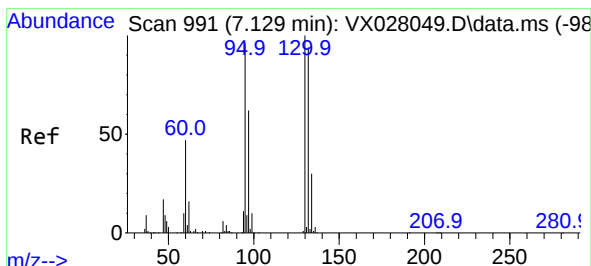
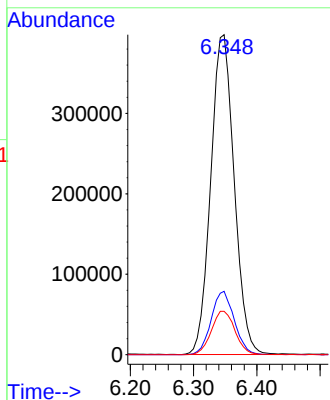
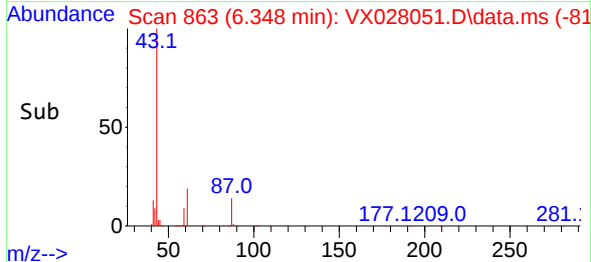
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



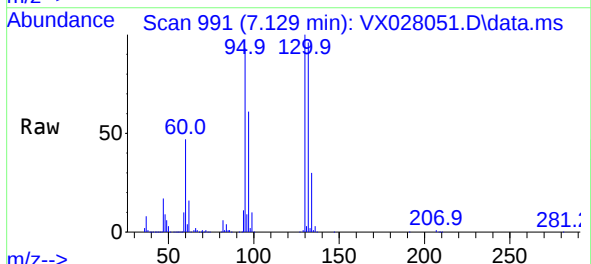
Tgt Ion: 43 Resp: 1023630
Ion Ratio Lower Upper
43 100
61 19.6 18.5 27.7
87 13.8 13.0 19.6

Manual Integrations
APPROVED

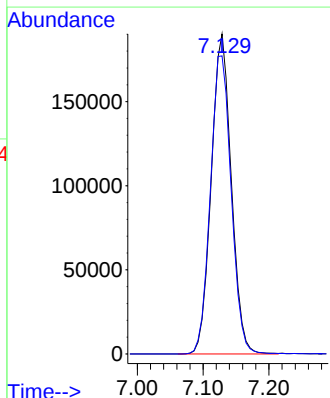
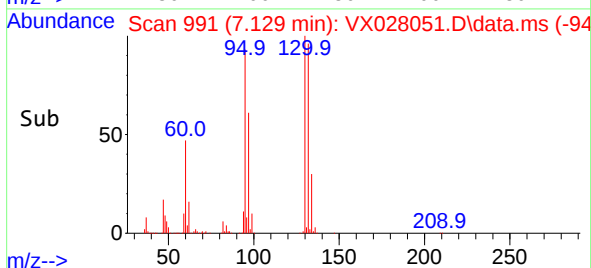
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

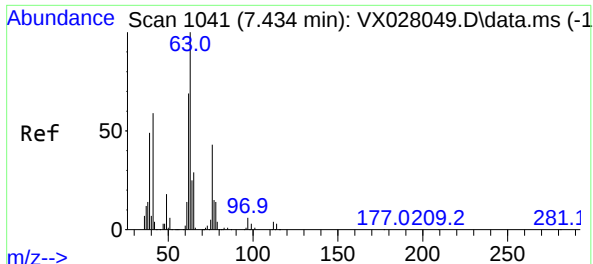


#44
Trichloroethene
Concen: 152.505 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion:130 Resp: 402944
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.8





#45

1,2-Dichloropropane

Concen: 149.643 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 37470

Ion Ratio Lower Upper

63 100

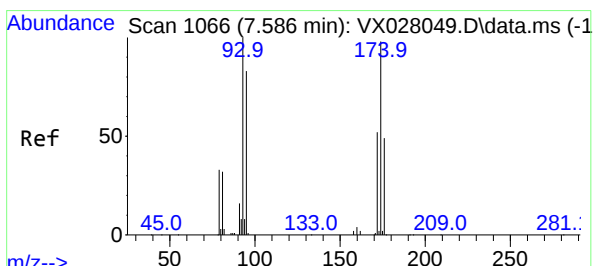
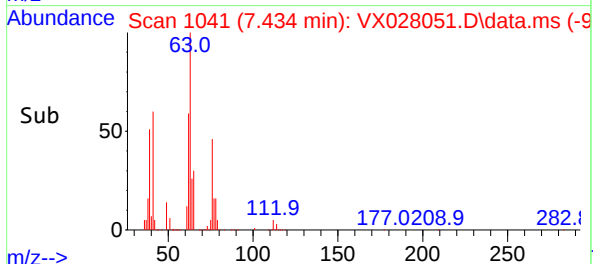
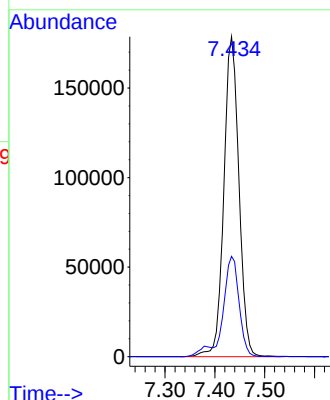
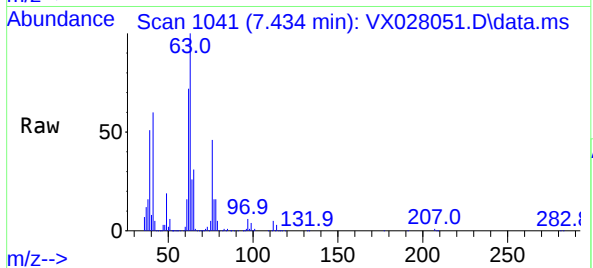
65 31.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#46

Dibromomethane

Concen: 153.377 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

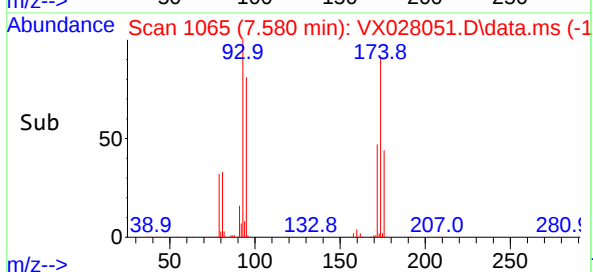
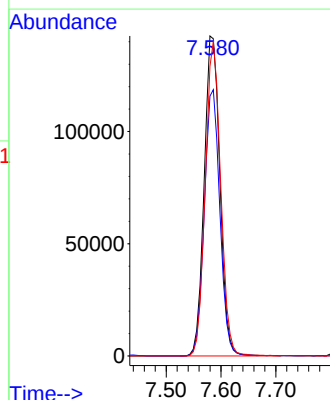
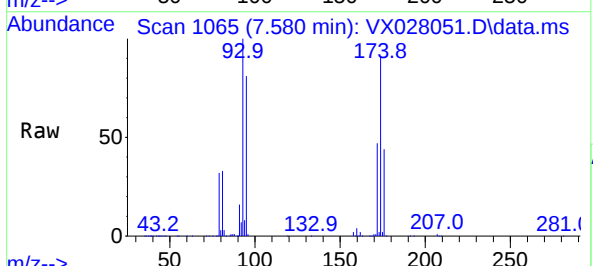
Tgt Ion: 93 Resp: 283329

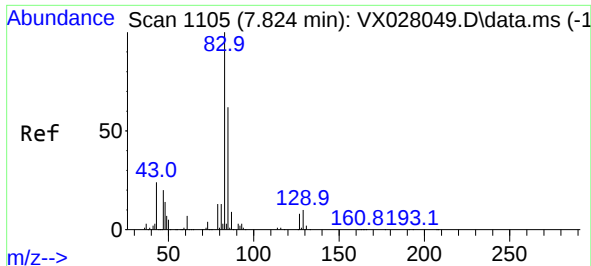
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

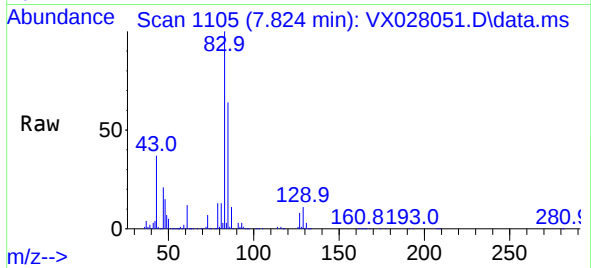
174 95.8 85.4 128.2





#47
Bromodichloromethane
Concen: 160.937 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

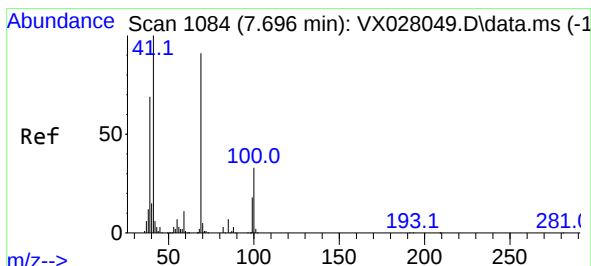
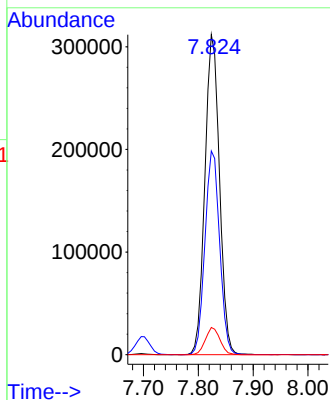
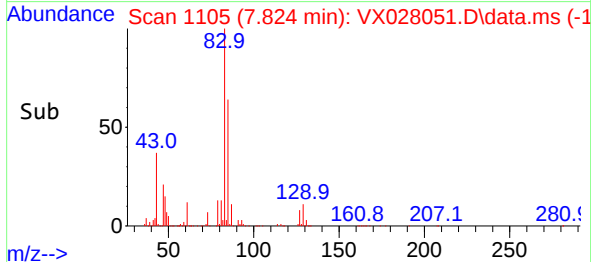
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



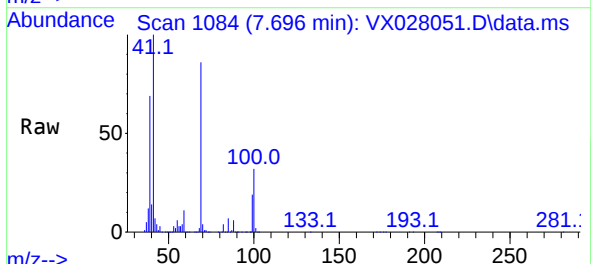
Tgt Ion: 83 Resp: 574579
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 8.5 6.8 10.2

Manual Integrations
APPROVED

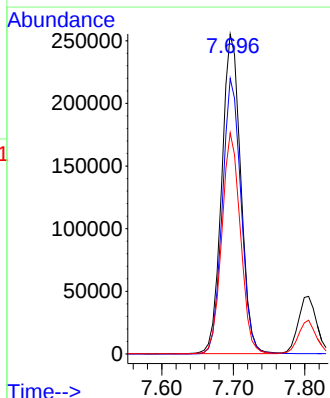
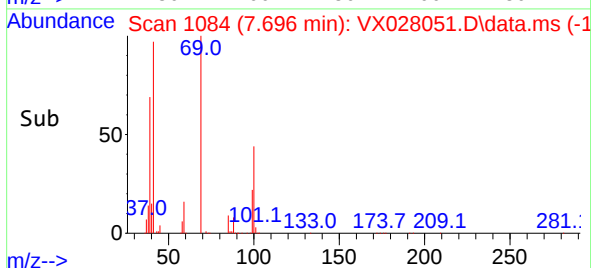
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

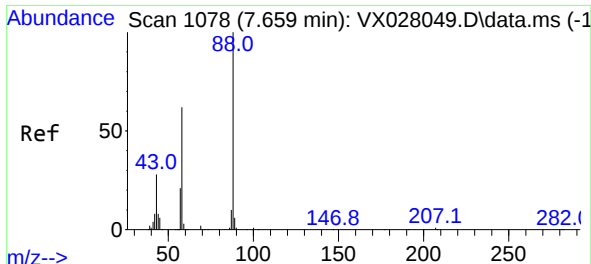


#48
Methyl methacrylate
Concen: 155.228 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion: 41 Resp: 469929
Ion Ratio Lower Upper
41 100
69 85.1 82.5 123.7
39 67.9 43.8 65.8





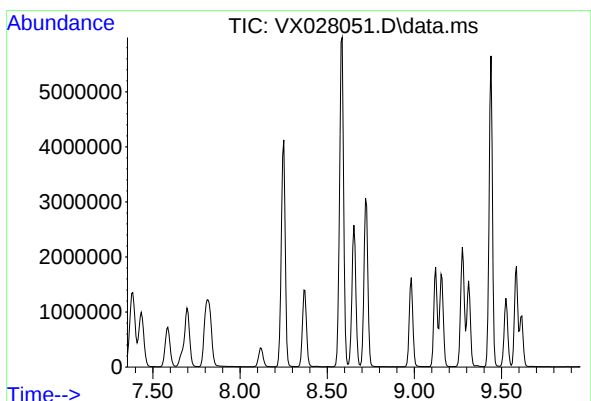
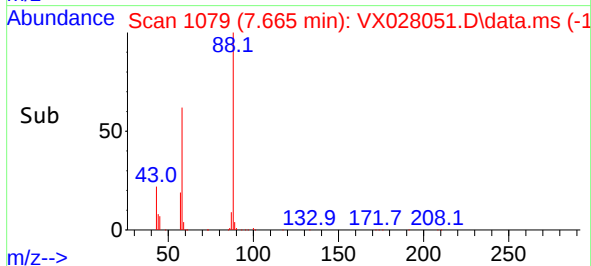
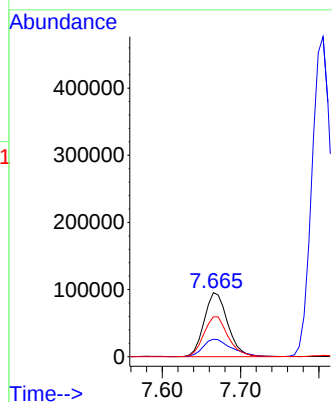
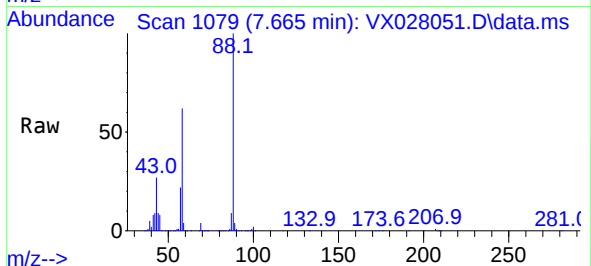
#49
1,4-Dioxane
Concen: 2942.556 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 19886
Ion Ratio Lower Upper
88 100
43 32.8 21.9 32.9
58 64.9 53.7 80.5

Manual Integrations
APPROVED

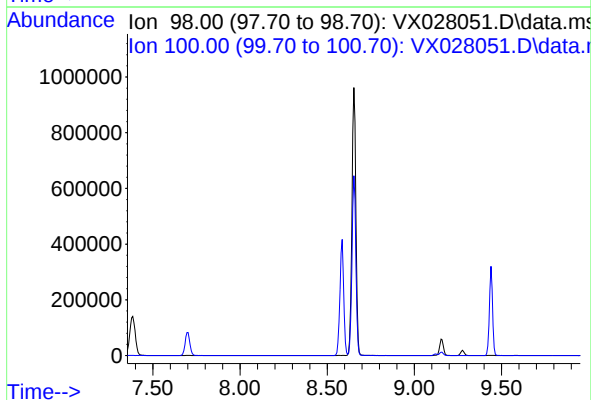
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

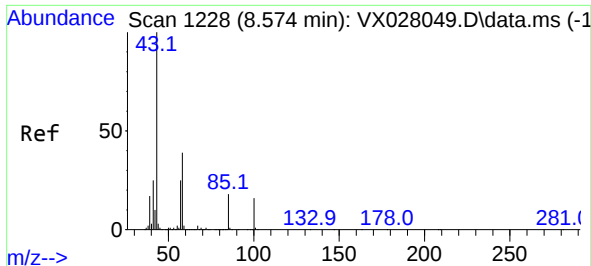


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

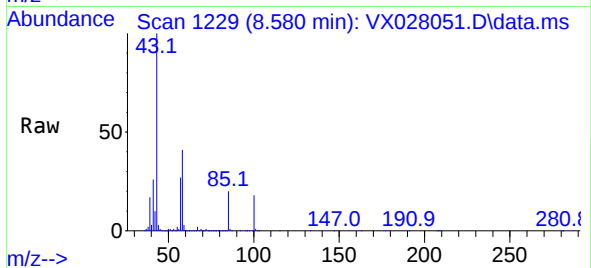
Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.7





#51
4-Methyl-2-Pentanone
Concen: 808.809 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

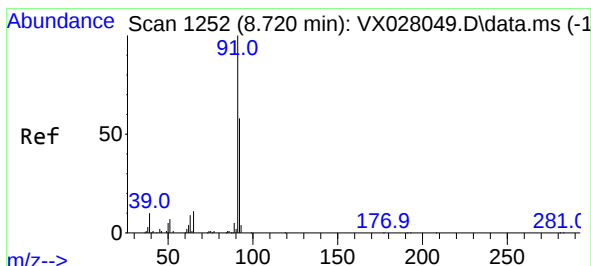
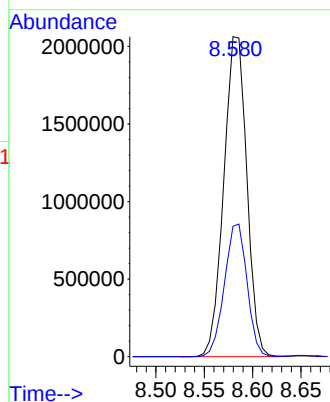
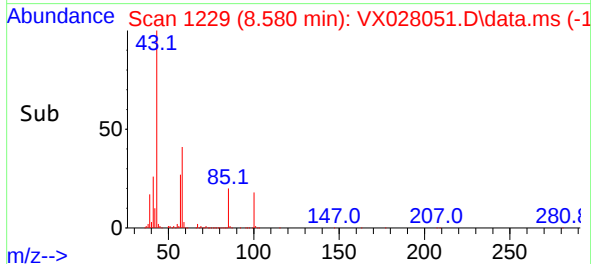
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



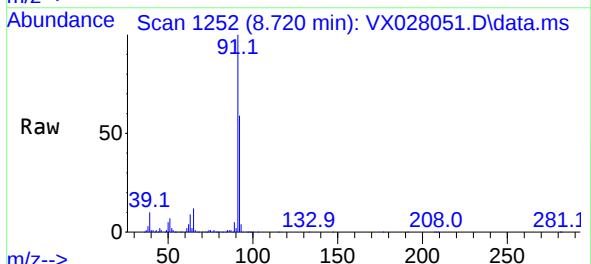
Tgt Ion: 43 Resp: 341978
Ion Ratio Lower Upper
43 100
58 40.7 36.1 54.1

Manual Integrations
APPROVED

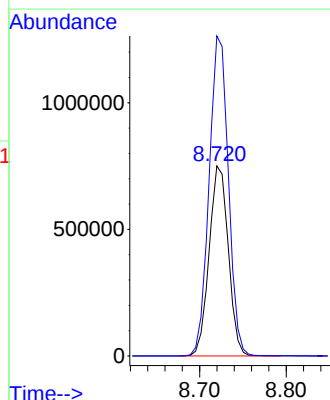
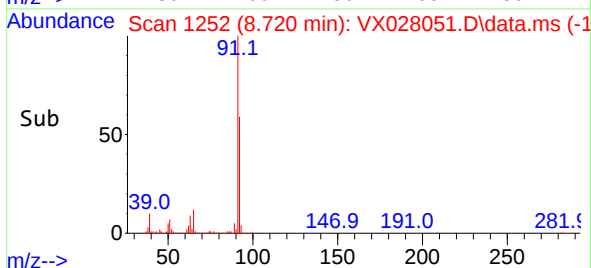
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

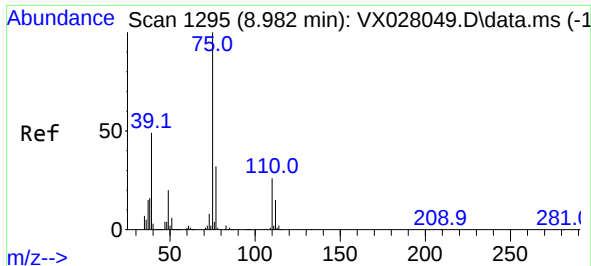


#52
Toluene
Concen: 173.867 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion: 92 Resp: 1152552
Ion Ratio Lower Upper
92 100
91 169.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 172.201 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 69442

Ion Ratio Lower Upper

75 100

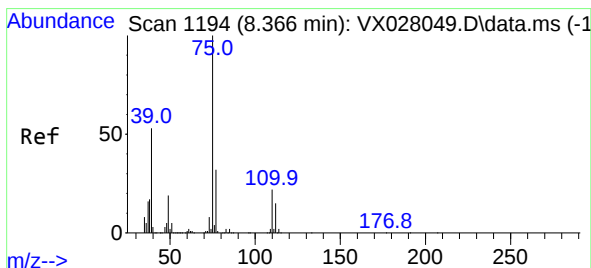
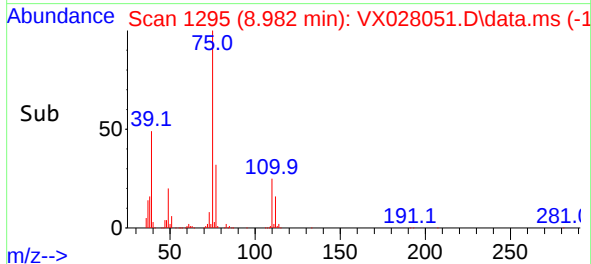
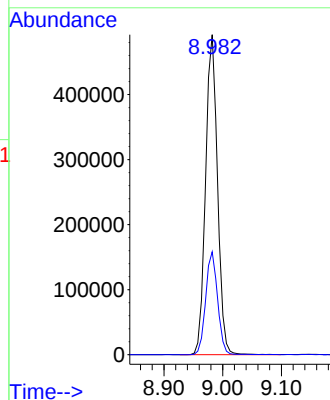
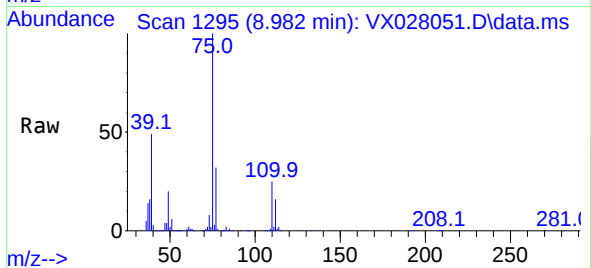
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#54

cis-1,3-Dichloropropene

Concen: 162.277 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

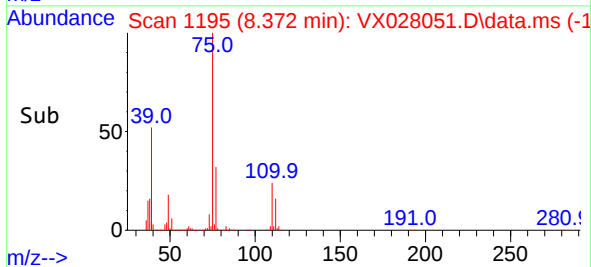
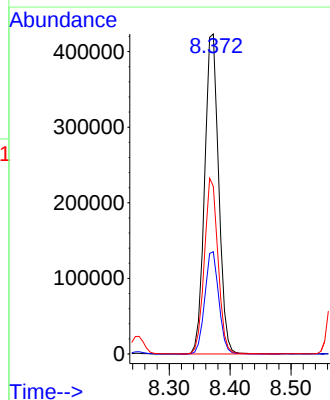
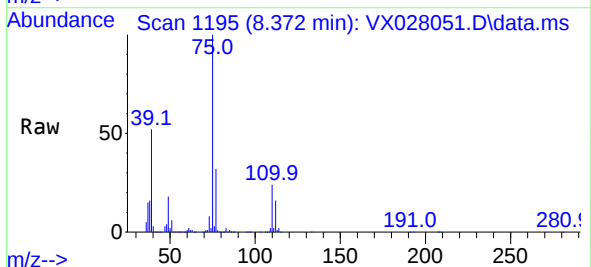
Tgt Ion: 75 Resp: 678749

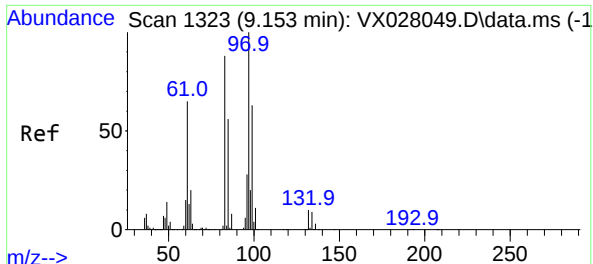
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

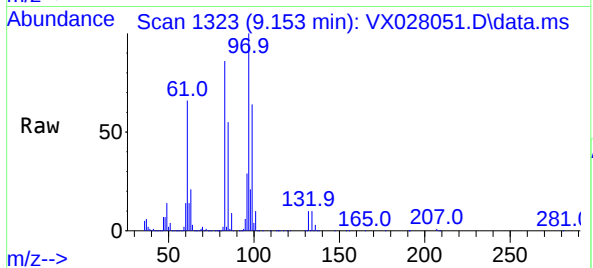
39 52.4 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 161.772 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

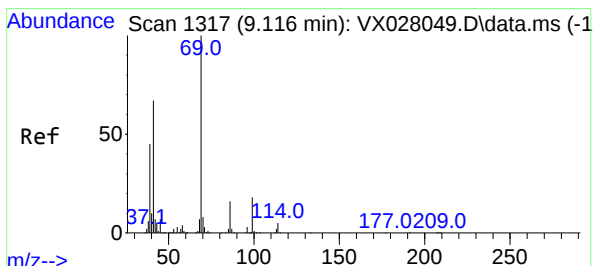
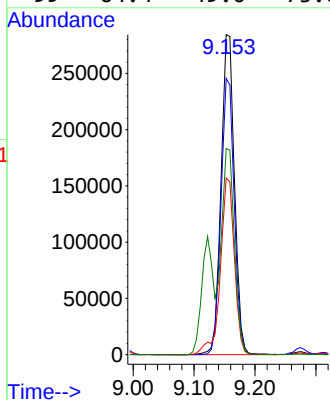
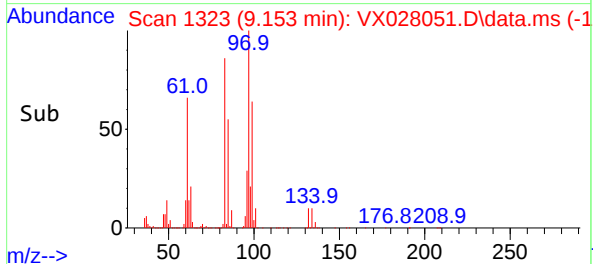
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



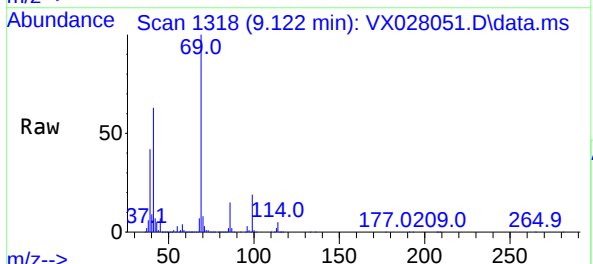
Tgt Ion: 97 Resp: 434724
Ion Ratio Lower Upper
97 100
83 86.3 66.2 99.4
85 55.2 42.9 64.3
99 64.4 49.0 73.6

Manual Integrations
APPROVED

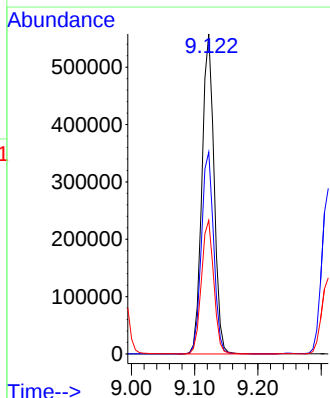
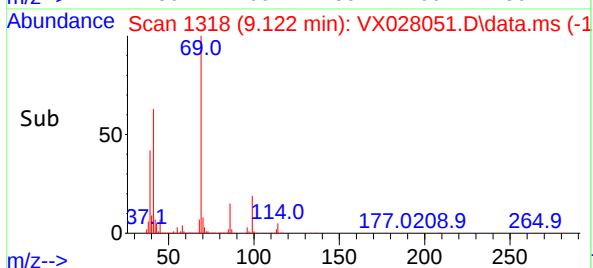
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

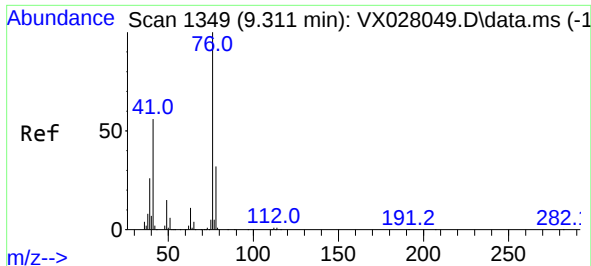


#56
Ethyl methacrylate
Concen: 176.401 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



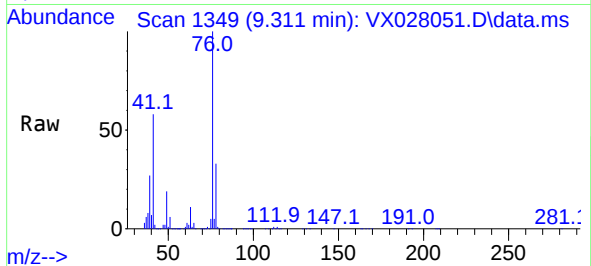
Tgt Ion: 69 Resp: 745126
Ion Ratio Lower Upper
69 100
41 64.1 43.8 65.6
39 42.5 22.2 33.2





#57
1,3-Dichloropropane
Concen: 156.248 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

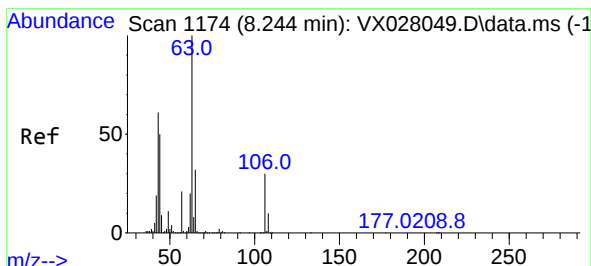
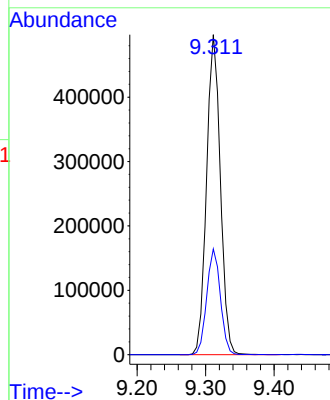
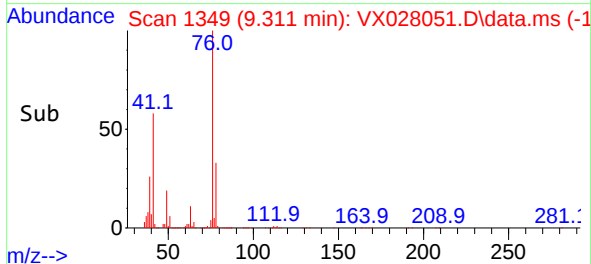
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



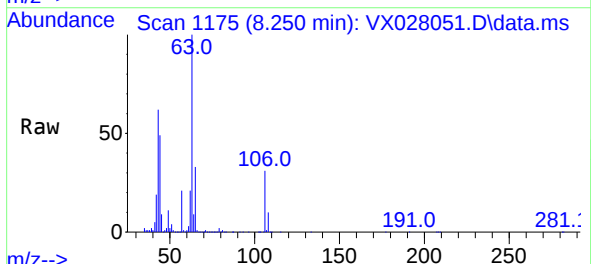
Tgt Ion: 76 Resp: 696062
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

Manual Integrations
APPROVED

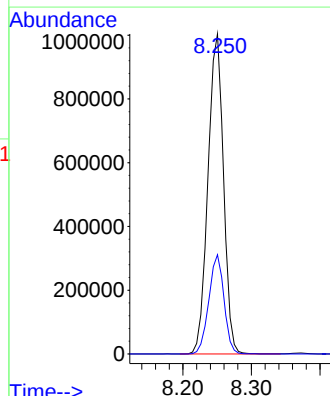
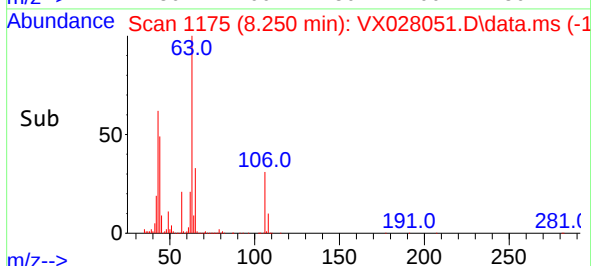
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

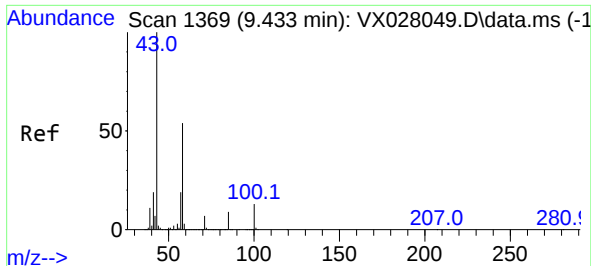


#58
2-Chloroethyl Vinyl ether
Concen: 829.965 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion: 63 Resp: 1582348
Ion Ratio Lower Upper
63 100
106 30.2 23.9 35.9





#59

2-Hexanone

Concen: 815.737 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 2701250

Ion Ratio Lower Upper

43 100

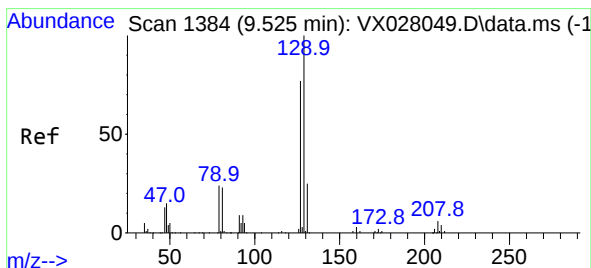
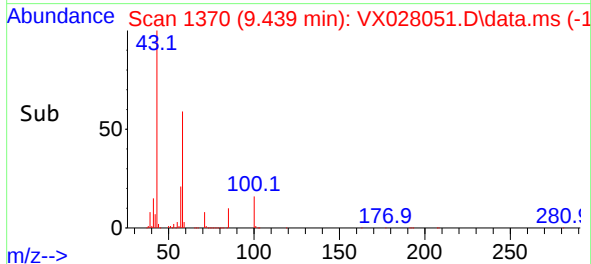
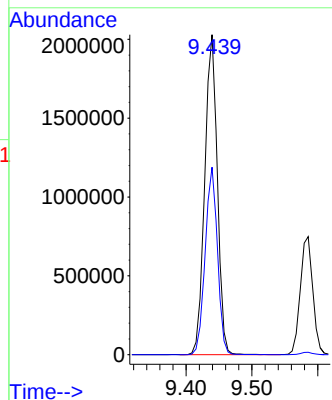
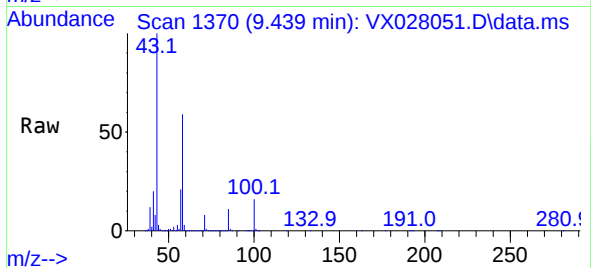
58 57.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#60

Dibromochloromethane

Concen: 177.582 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028051.D

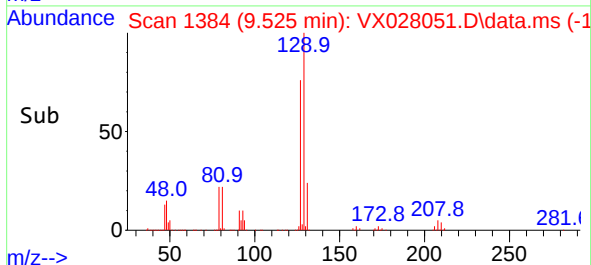
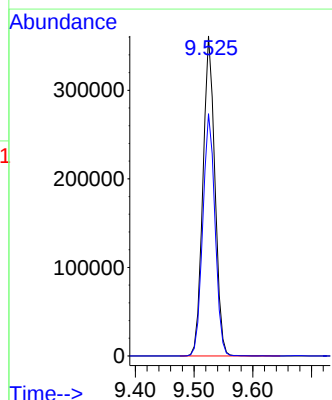
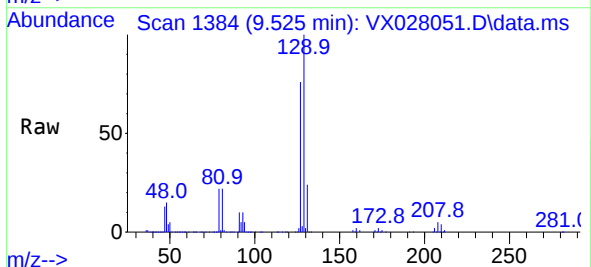
Acq: 12 Apr 2022 12:43

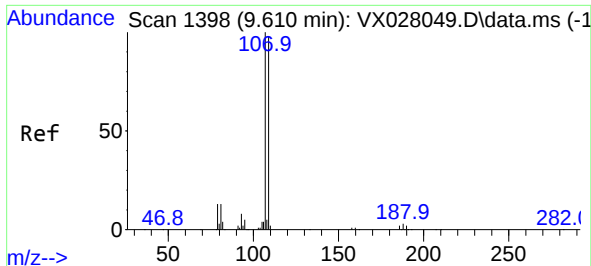
Tgt Ion:129 Resp: 510124

Ion Ratio Lower Upper

129 100

127 77.2 40.3 120.8





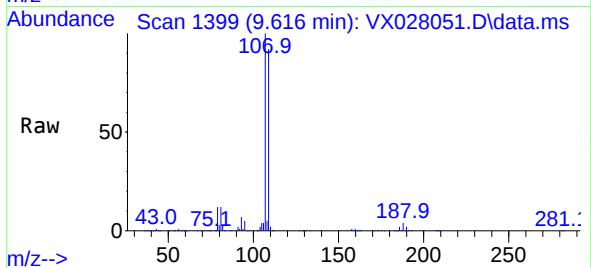
#61
1,2-Dibromoethane
Concen: 165.604 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



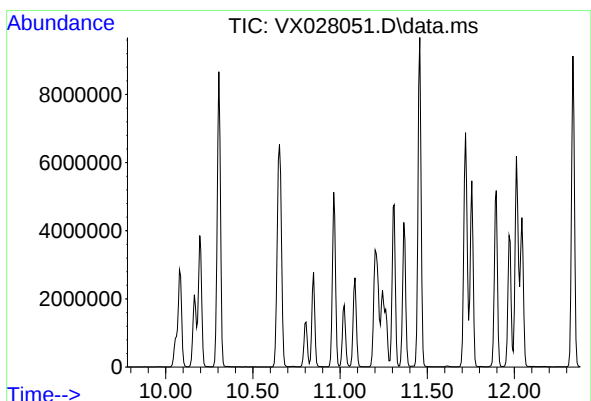
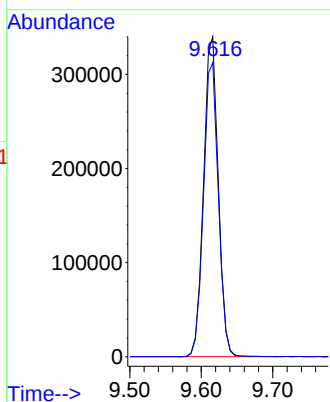
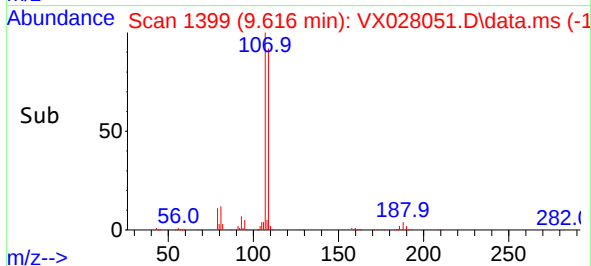
Tgt Ion:107 Resp: 484679
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

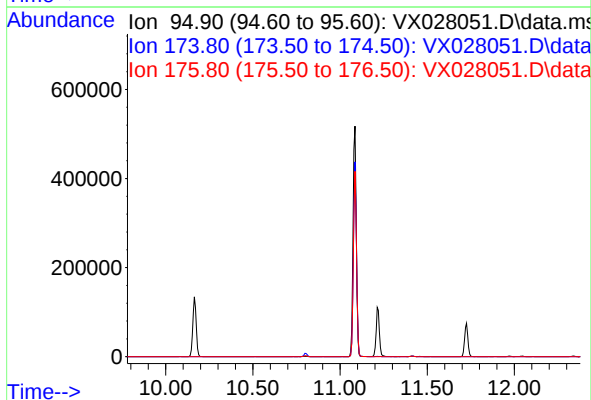
Supervised By :Mahesh Dadoda 04/13/2022

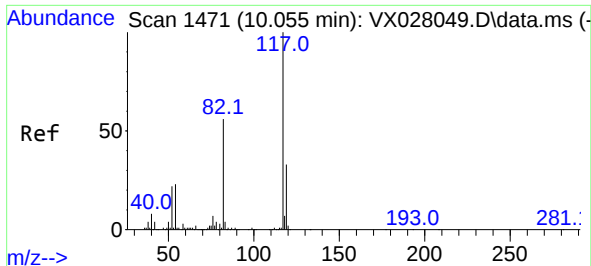


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

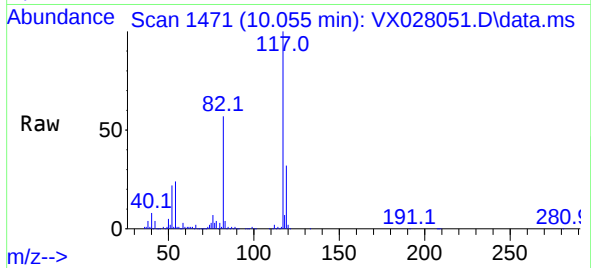
Tgt Ion: 95
Sig Exp Ratio
95 100
174 81.5
176 77.5





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

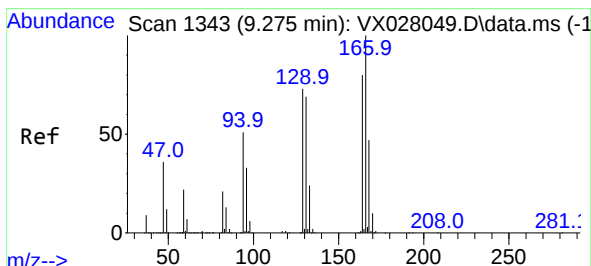
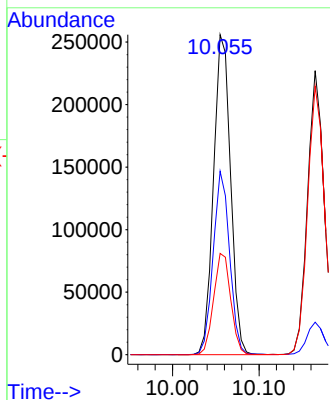
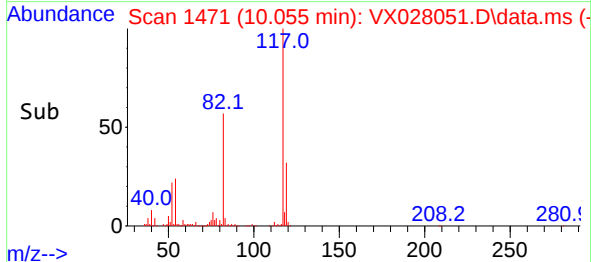
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



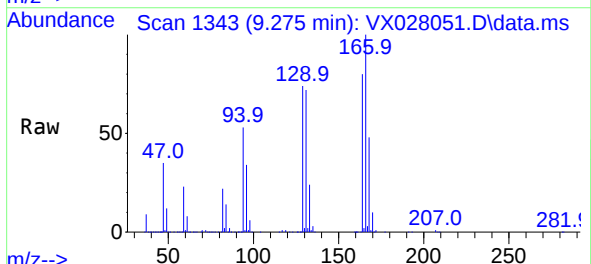
Tgt Ion:117 Resp: 349872
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 31.6 24.8 37.2

Manual Integrations
APPROVED

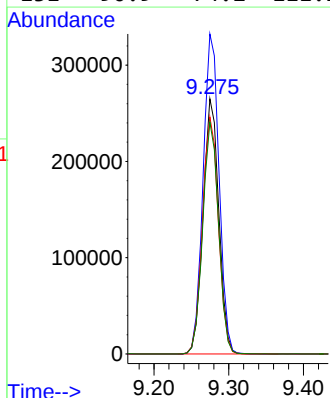
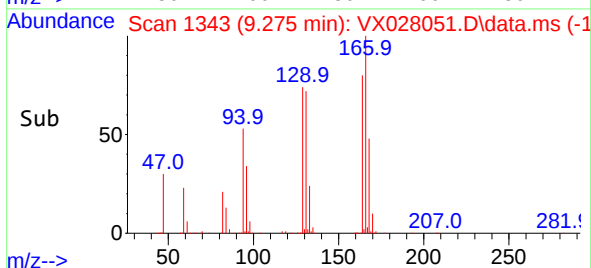
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

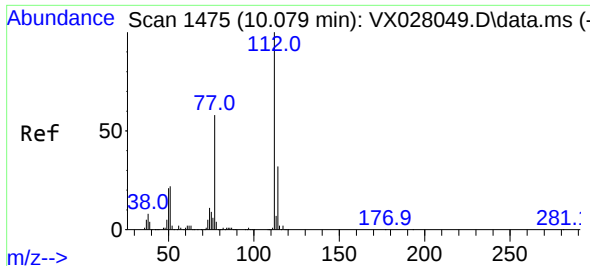


#64
Tetrachloroethene
Concen: 139.908 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



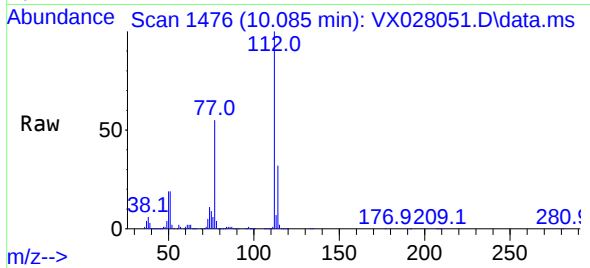
Tgt Ion:164 Resp: 388378
Ion Ratio Lower Upper
164 100
166 125.4 101.2 151.8
129 92.9 73.0 109.4
131 90.9 74.2 111.2





#65
Chlorobenzene
Concen: 155.624 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

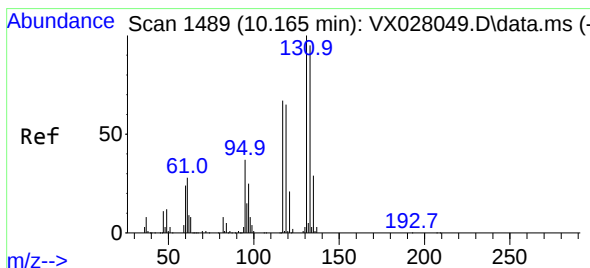
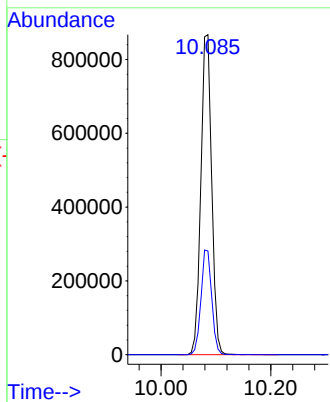
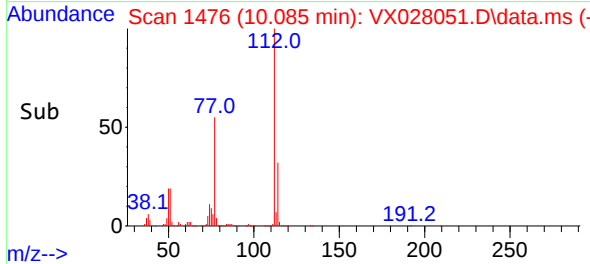
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



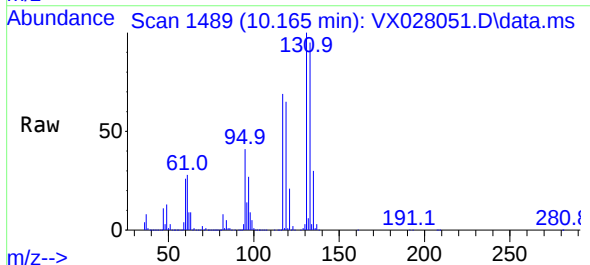
Tgt Ion:112 Resp: 1188030
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

Manual Integrations
APPROVED

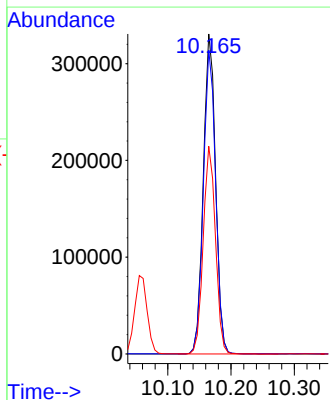
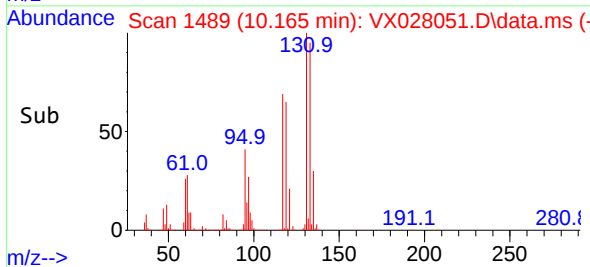
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

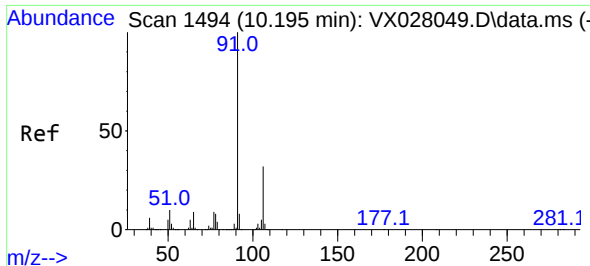


#66
1,1,1,2-Tetrachloroethane
Concen: 158.104 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



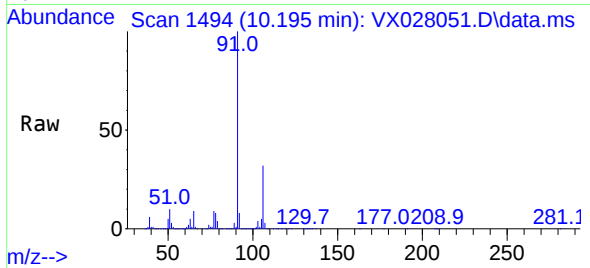
Tgt Ion:131 Resp: 445961
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 65.0 32.6 98.0





#67
Ethyl Benzene
Concen: 158.281 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

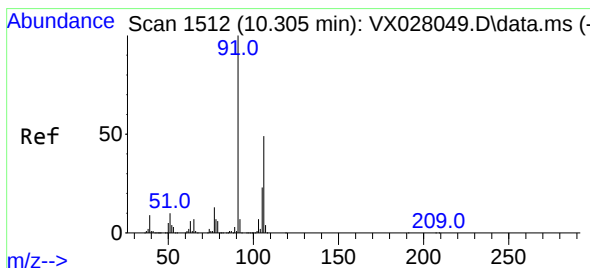
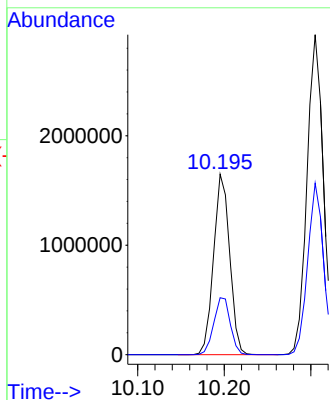
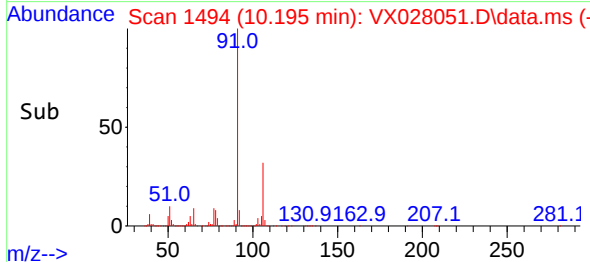
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



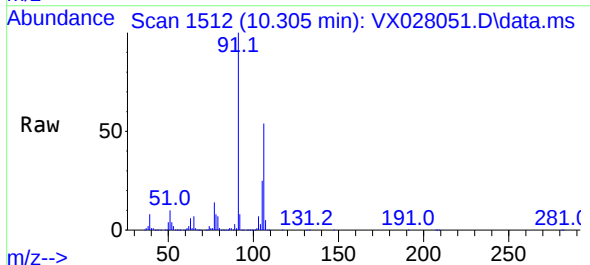
Tgt Ion: 91 Resp: 2127818
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

Manual Integrations
APPROVED

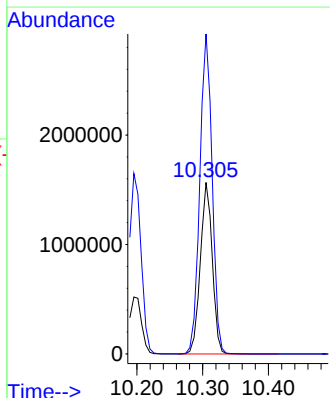
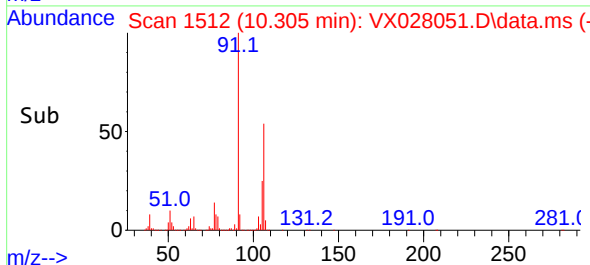
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

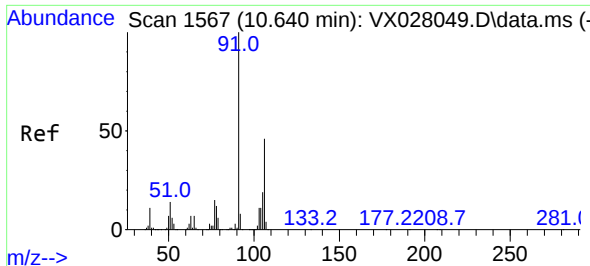


#68
m/p-Xylenes
Concen: 351.677 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



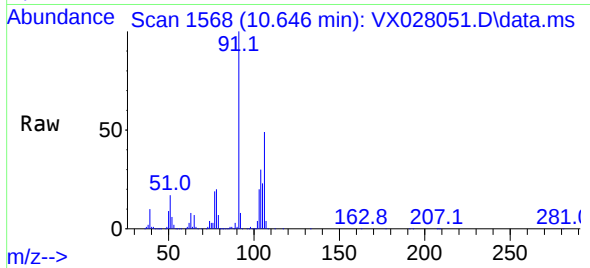
Tgt Ion:106 Resp: 1974144
Ion Ratio Lower Upper
106 100
91 192.7 160.4 240.6





#69
o-Xylene
Concen: 175.603 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

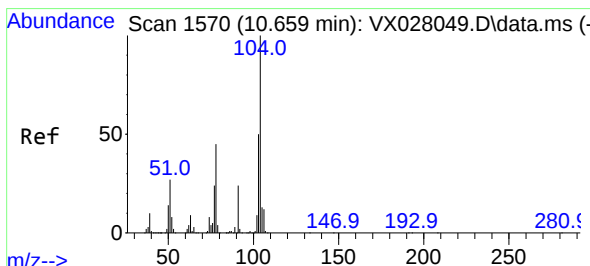
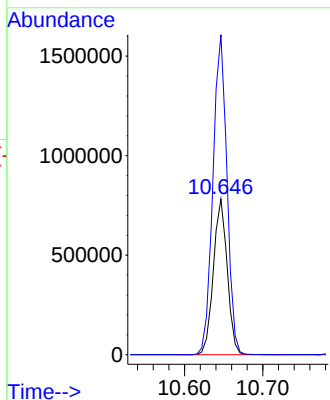
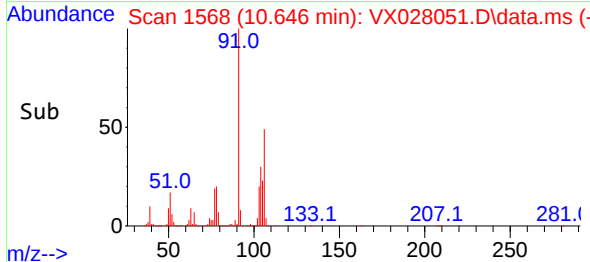
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



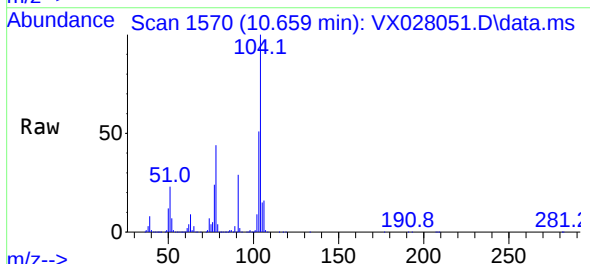
Tgt Ion:106 Resp: 958220
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.1

Manual Integrations
APPROVED

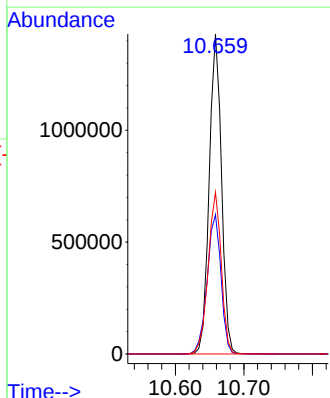
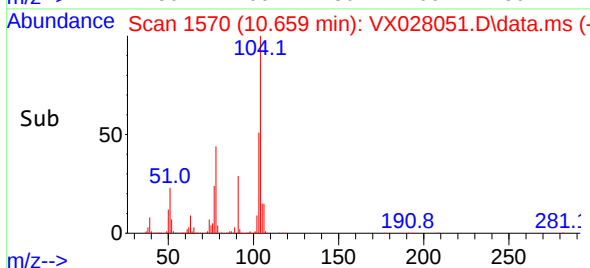
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

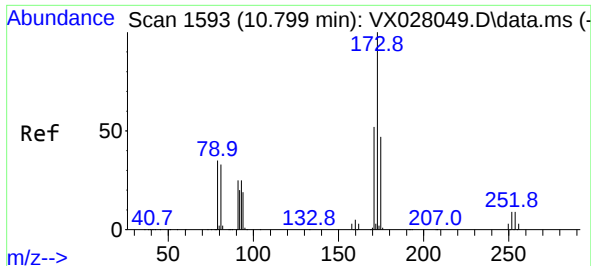


#70
Styrene
Concen: 189.842 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



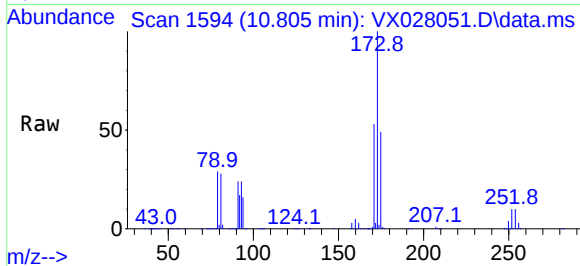
Tgt Ion:104 Resp: 1783931
Ion Ratio Lower Upper
104 100
78 49.1 38.6 57.8
103 54.4 43.8 65.8





#71
Bromoform
Concen: 191.233 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

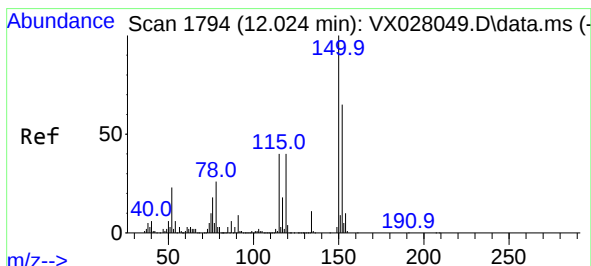
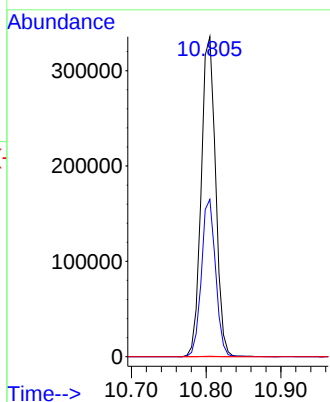
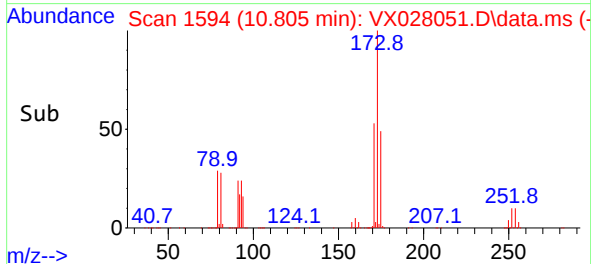
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



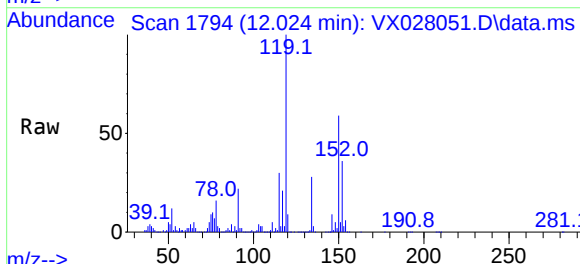
Tgt Ion:173 Resp: 448719
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

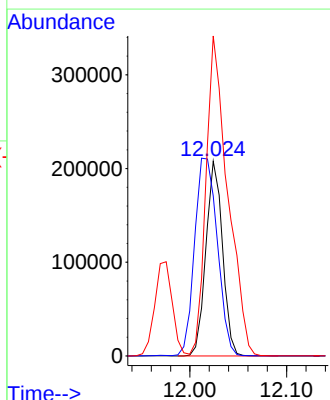
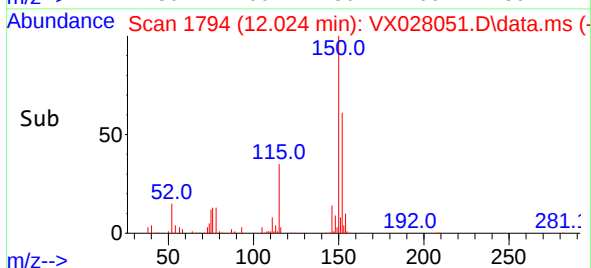
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

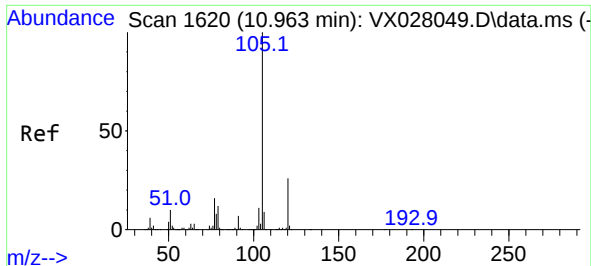


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



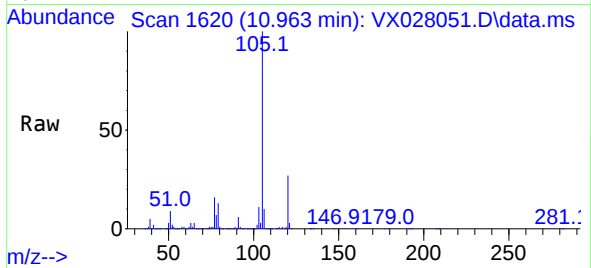
Tgt Ion:152 Resp: 248925
Ion Ratio Lower Upper
152 100
115 139.0 37.5 112.7#
150 214.3 0.0 338.2





#73
Isopropylbenzene
Concen: 146.235 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

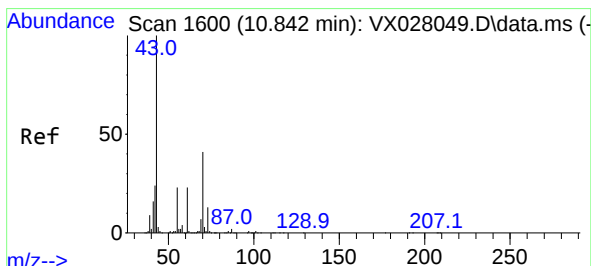
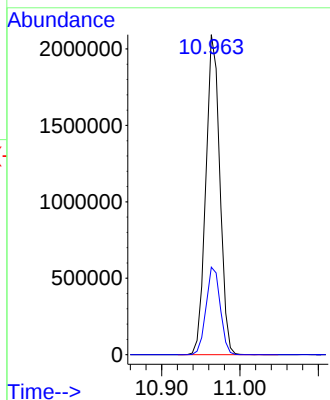
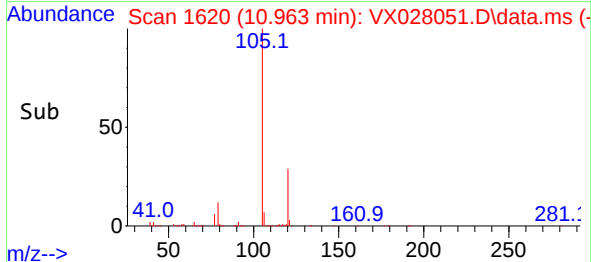
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



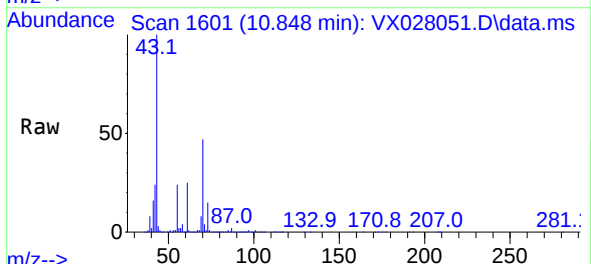
Tgt Ion:105 Resp: 2585974
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5

Manual Integrations
APPROVED

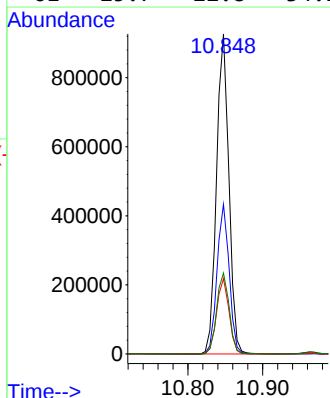
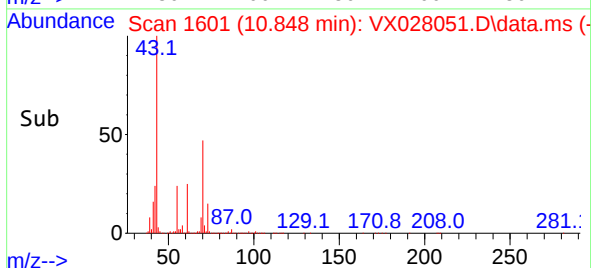
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

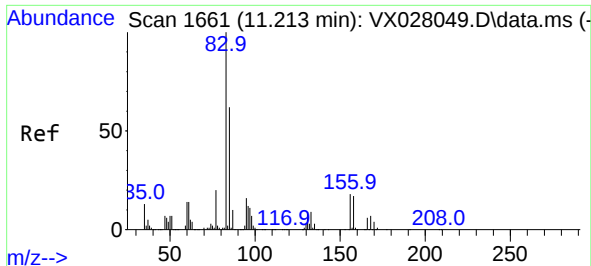


#74
N-ethyl acetate
Concen: 139.109 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



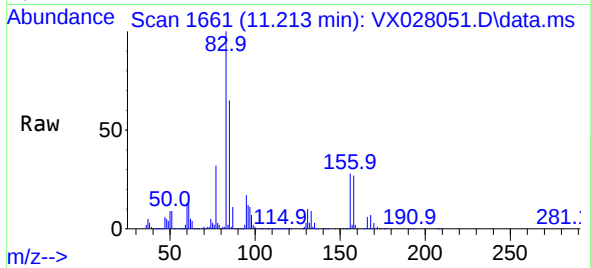
Tgt Ion: 43 Resp: 1063138
Ion Ratio Lower Upper
43 100
70 46.1 42.5 63.7
55 23.6 23.1 34.7
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 134.063 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

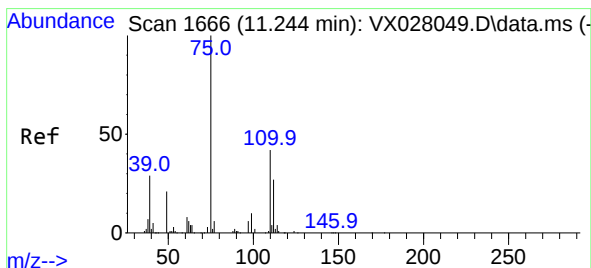
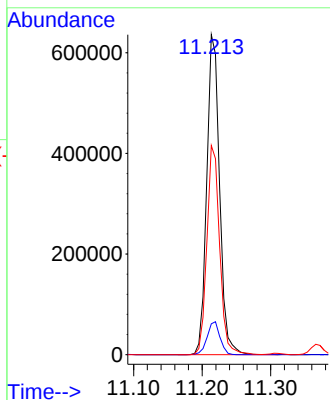
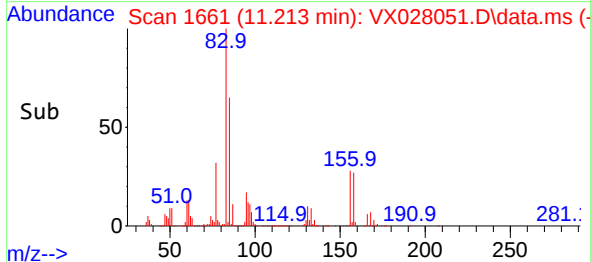
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



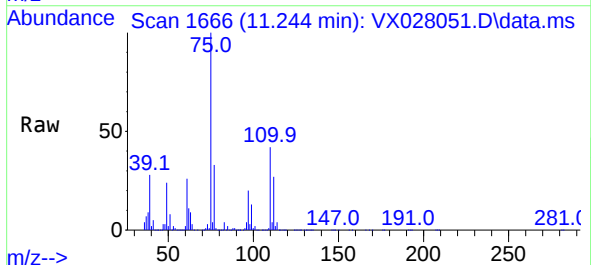
Tgt Ion: 83 Resp: 82821
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 65.2 32.6 97.7

Manual Integrations
APPROVED

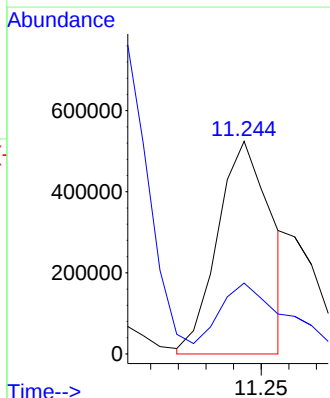
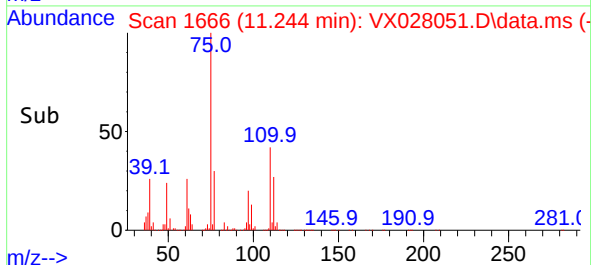
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

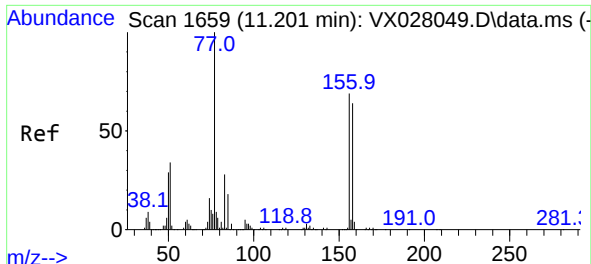


#76
1,2,3-Trichloropropane
Concen: 126.990 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



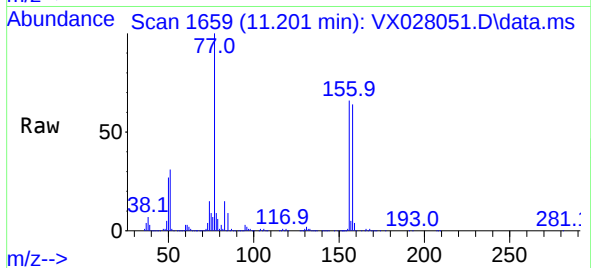
Tgt Ion: 75 Resp: 703737
Ion Ratio Lower Upper
75 100
77 42.9 19.4 58.2





#77
Bromobenzene
Concen: 144.114 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

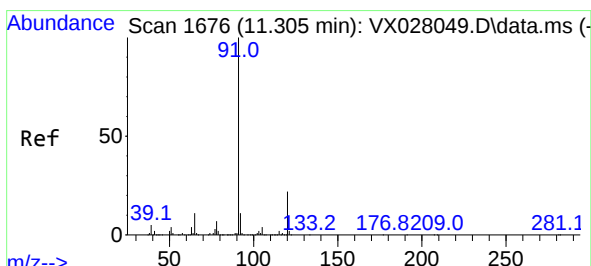
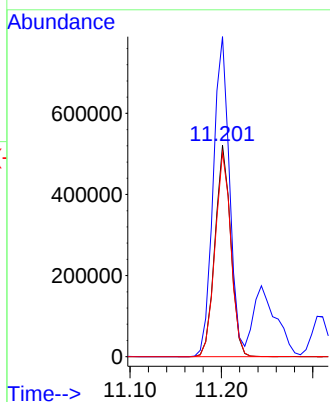
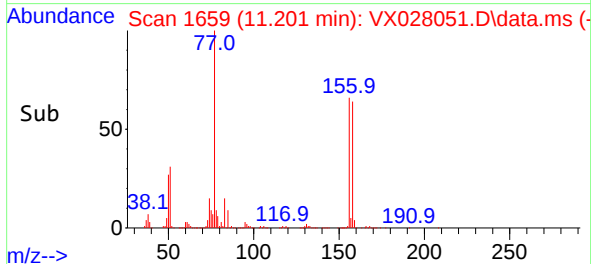
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



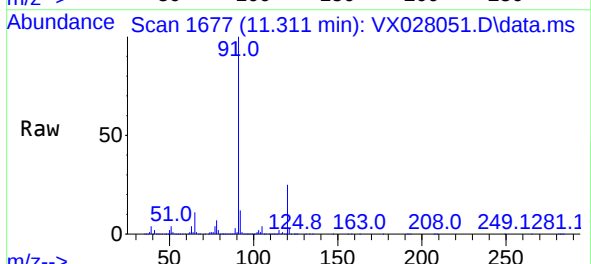
Tgt Ion: 156 Resp: 622559
Ion Ratio Lower Upper
156 100
77 157.3 78.5 235.3
158 97.4 50.2 150.7

Manual Integrations
APPROVED

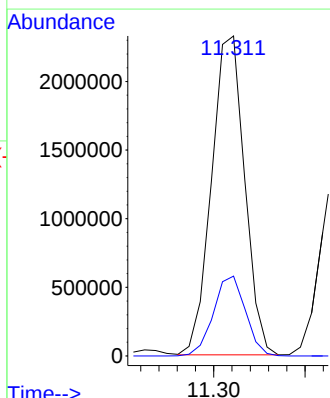
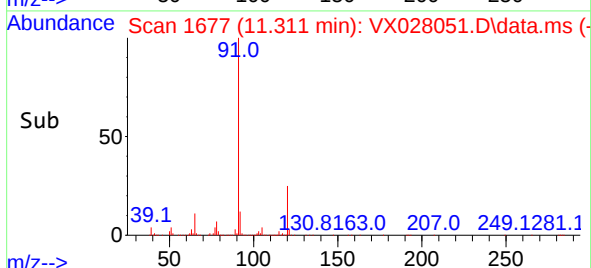
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

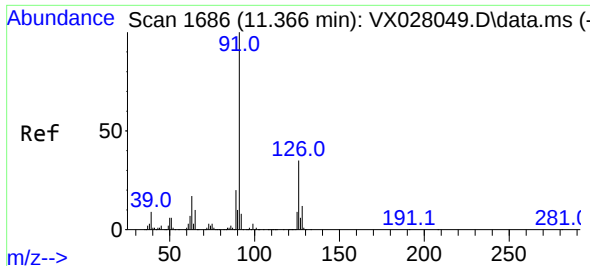


#78
n-propylbenzene
Concen: 142.454 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



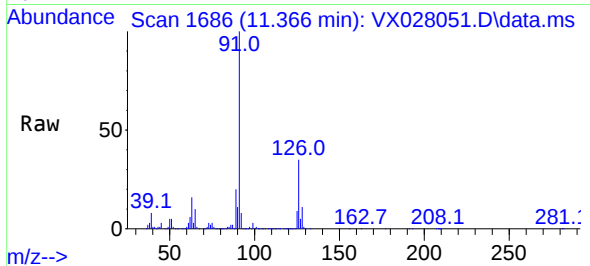
Tgt Ion: 91 Resp: 2927668
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.8





#79
2-Chlorotoluene
Concen: 142.237 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

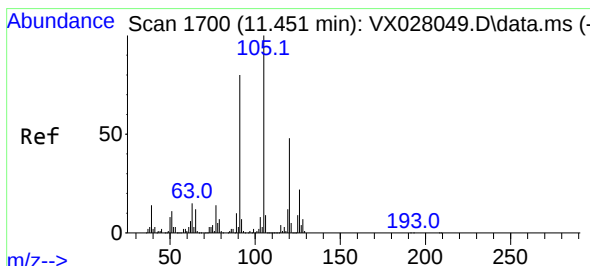
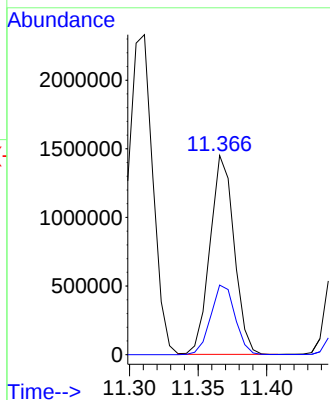
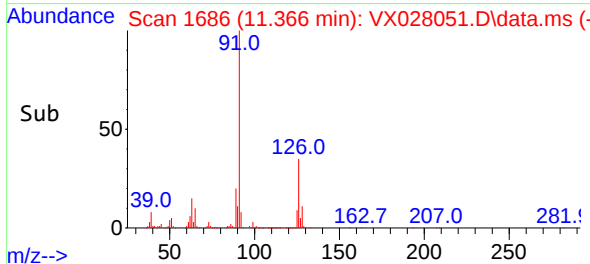
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



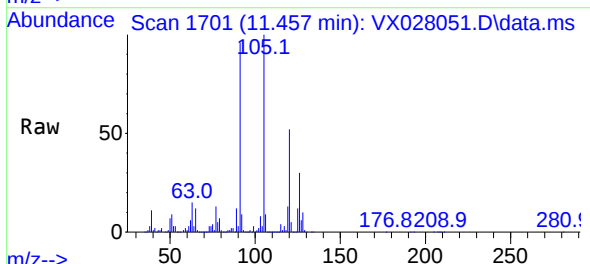
Tgt Ion: 91 Resp: 1772730
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

Manual Integrations
APPROVED

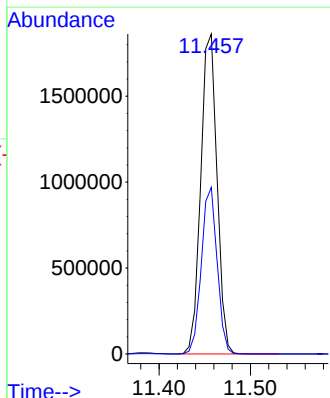
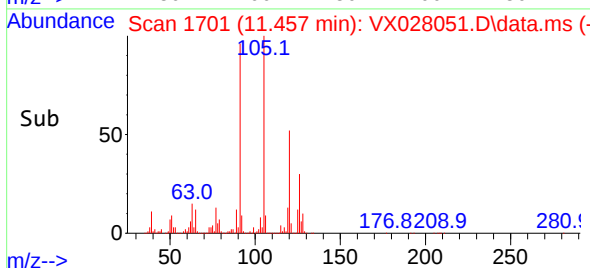
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

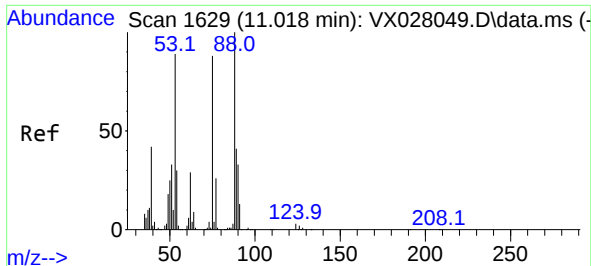


#80
1,3,5-Trimethylbenzene
Concen: 150.351 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



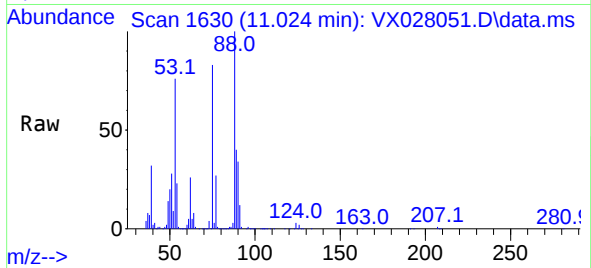
Tgt Ion:105 Resp: 2296699
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 154.352 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

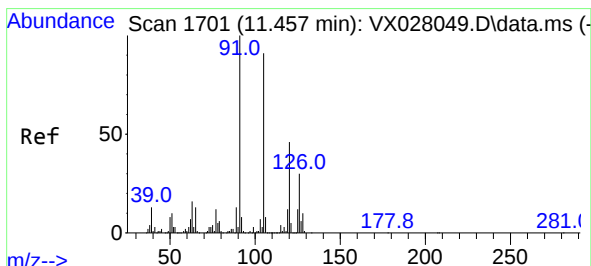
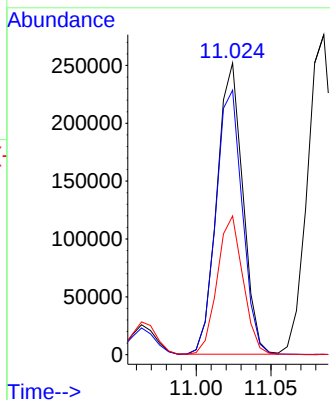
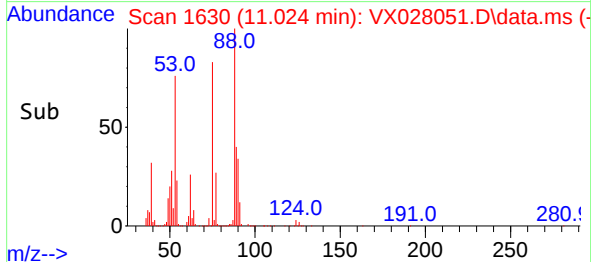
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



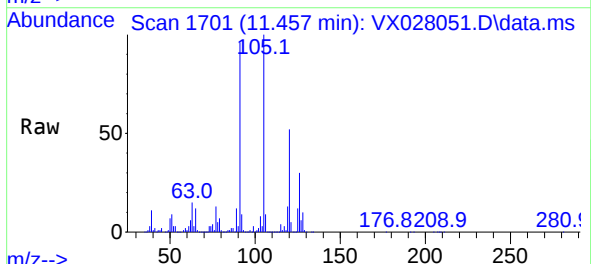
Tgt Ion: 75 Resp: 303702
Ion Ratio Lower Upper
75 100
53 93.0 69.0 103.4
89 47.6 37.0 55.6

Manual Integrations
APPROVED

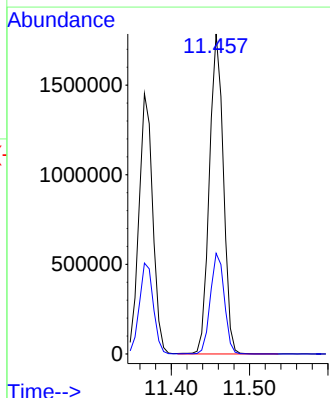
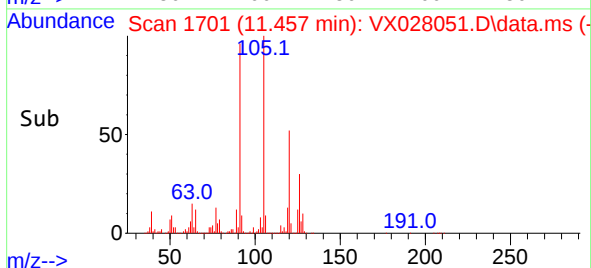
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

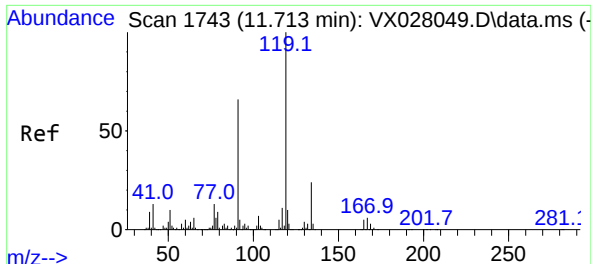


#82
4-Chlorotoluene
Concen: 150.313 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



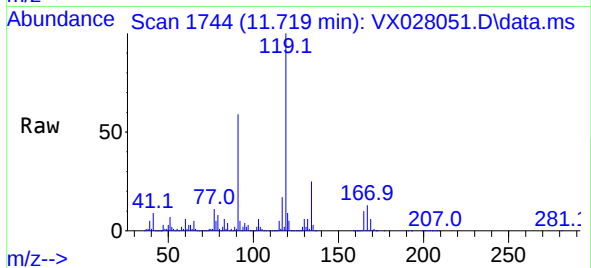
Tgt Ion: 91 Resp: 2205360
Ion Ratio Lower Upper
91 100
126 31.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 147.720 ug/l
RT: 11.719 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

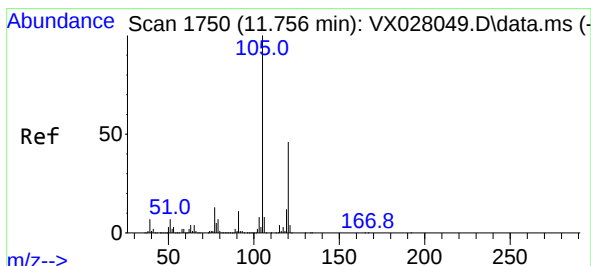
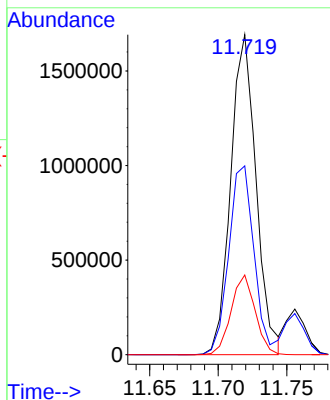
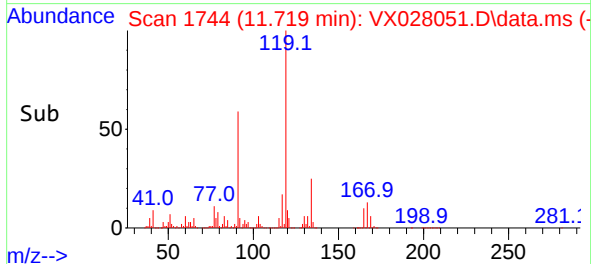
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



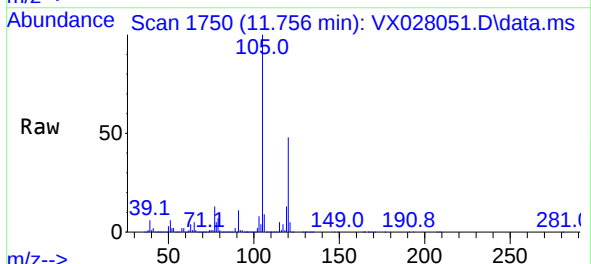
Tgt Ion:119 Resp: 218322
Ion Ratio Lower Upper
119 100
91 58.3 26.9 80.6
134 23.6 11.4 34.2

Manual Integrations
APPROVED

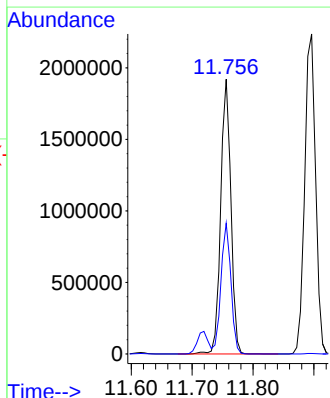
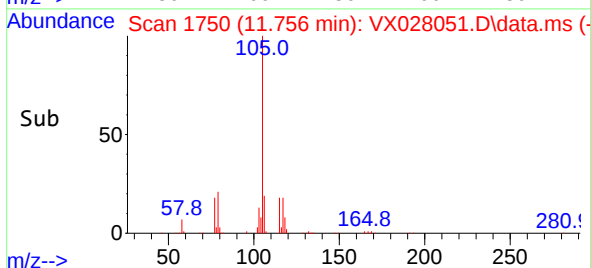
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

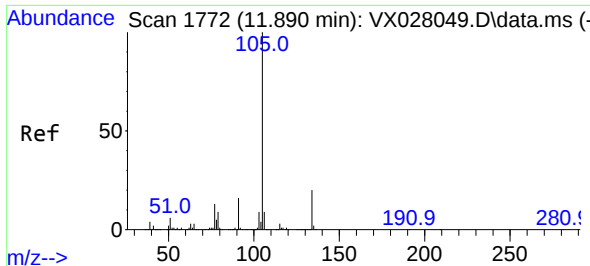


#84
1,2,4-Trimethylbenzene
Concen: 149.461 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



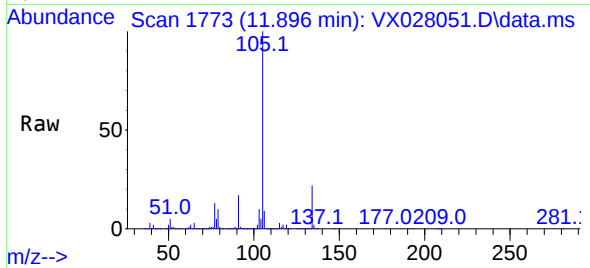
Tgt Ion:105 Resp: 2235240
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 145.967 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43

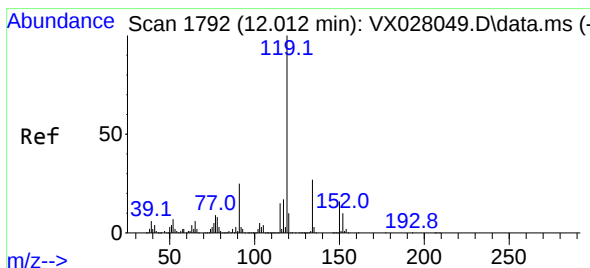
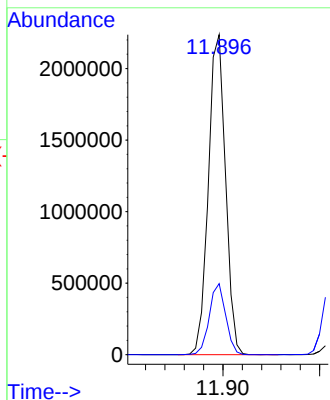
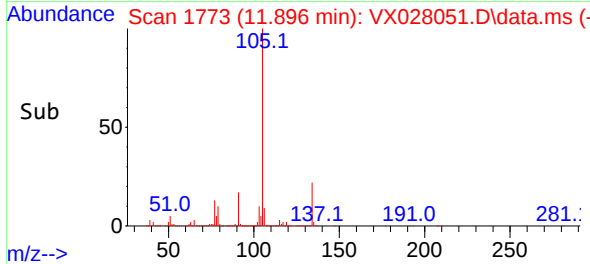
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



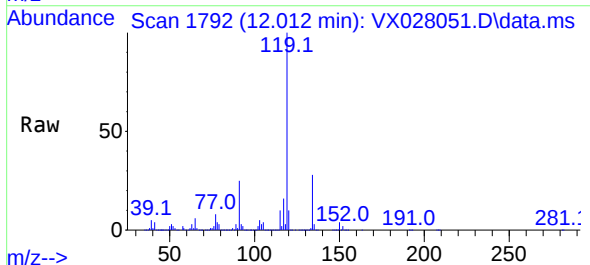
Tgt Ion:105 Resp: 275340
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.4

Manual Integrations
 APPROVED

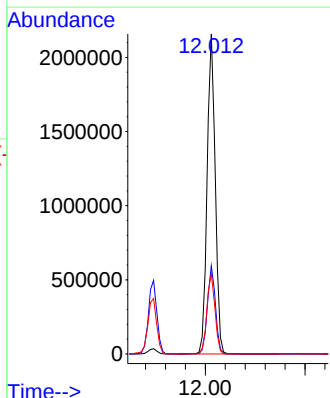
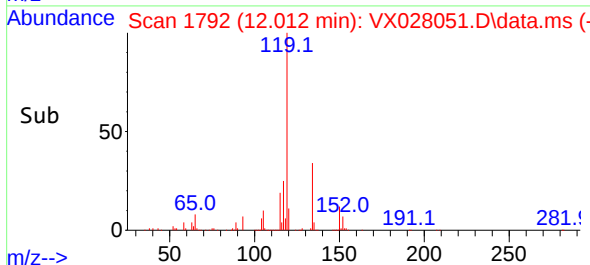
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022

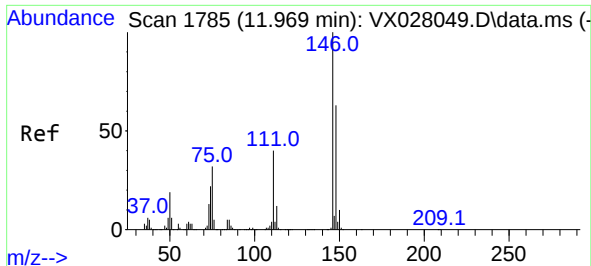


#86
 p-Isopropyltoluene
 Concen: 152.390 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028051.D
 Acq: 12 Apr 2022 12:43



Tgt Ion:119 Resp: 2435744
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 39.0
 91 24.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 145.906 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 122814

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

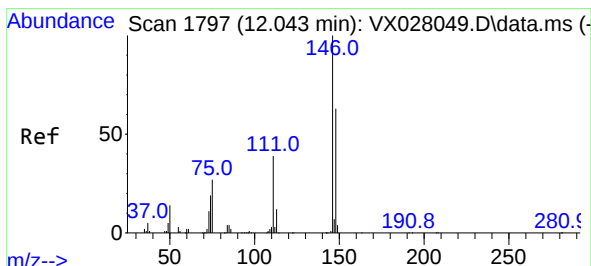
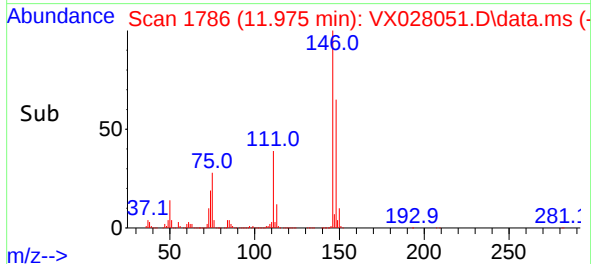
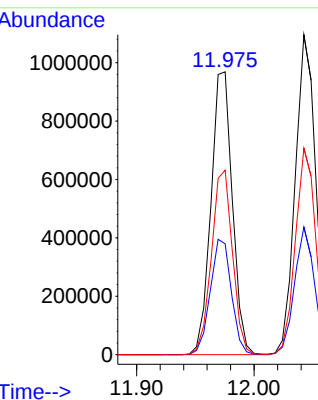
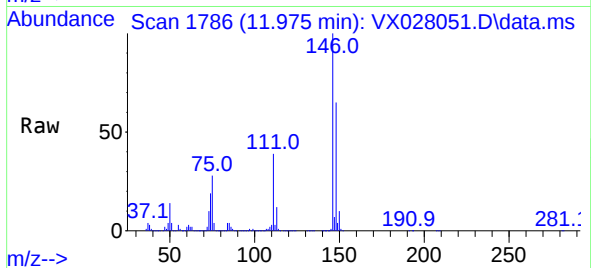
148 64.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#88

1,4-Dichlorobenzene

Concen: 150.120 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX028051.D

Acq: 12 Apr 2022 12:43

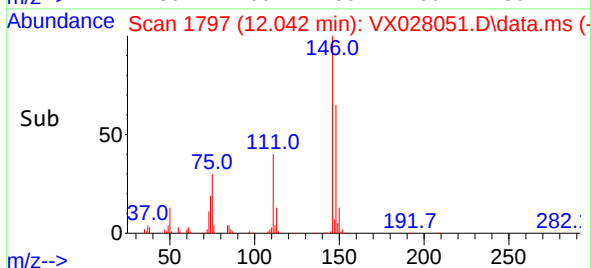
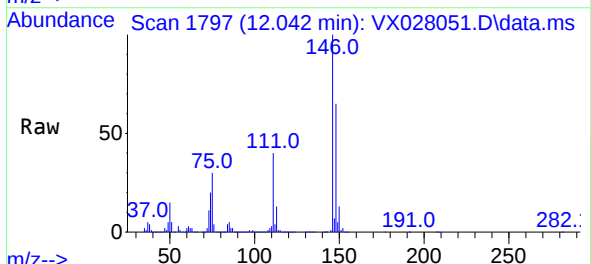
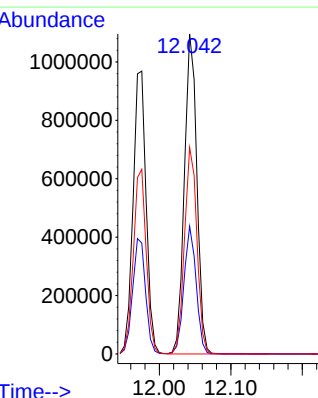
Tgt Ion:146 Resp: 1325532

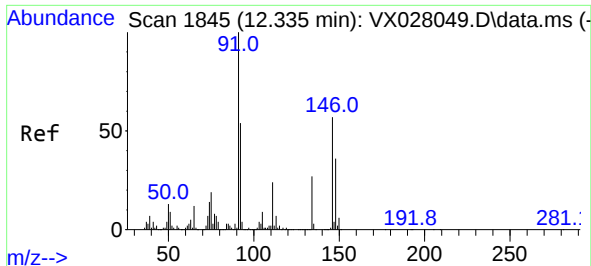
Ion Ratio Lower Upper

146 100

111 39.0 19.2 57.6

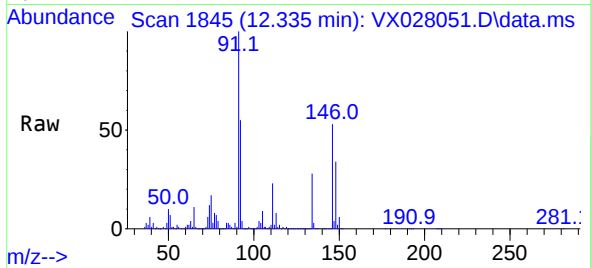
148 64.5 32.3 96.9





#89
n-Butylbenzene
Concen: 154.428 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

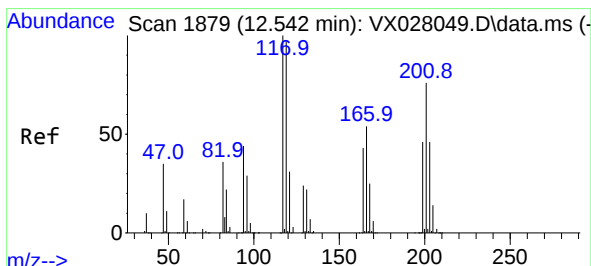
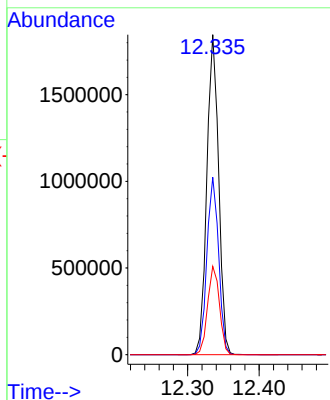
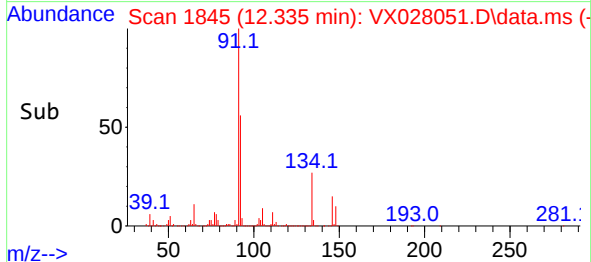
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



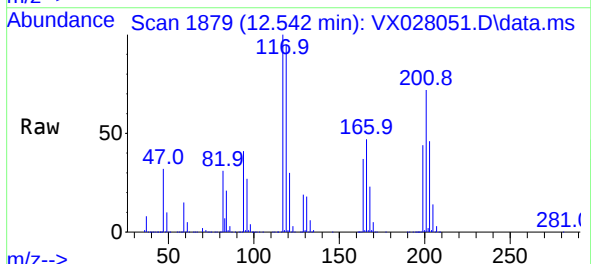
Tgt Ion: 91 Resp: 211272
Ion Ratio Lower Upper
91 100
92 55.3 27.8 83.3
134 27.8 13.3 39.8

Manual Integrations
APPROVED

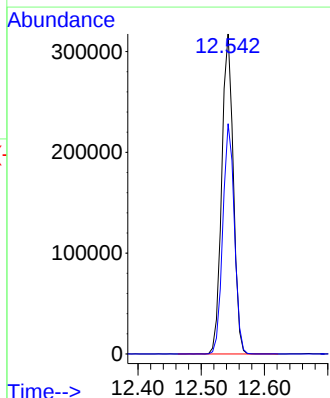
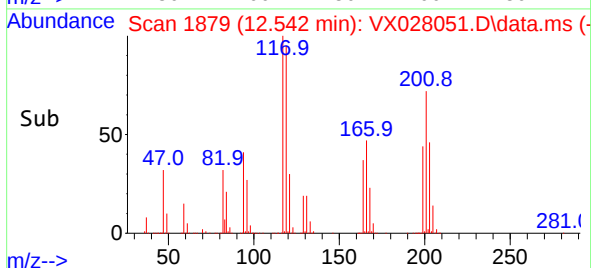
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

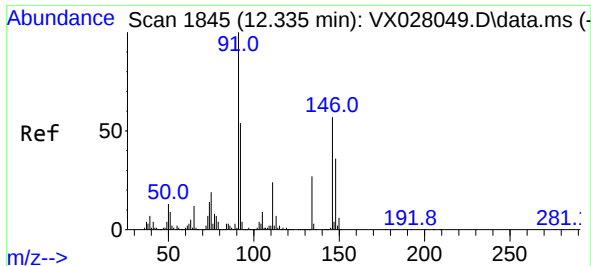


#90
Hexachloroethane
Concen: 148.728 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



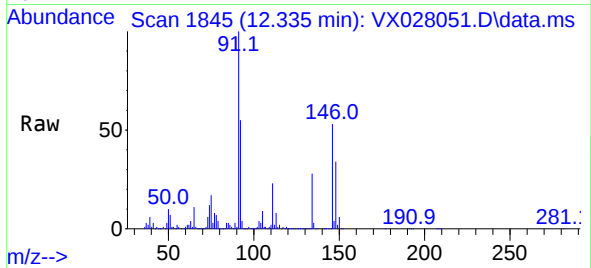
Tgt Ion:117 Resp: 399419
Ion Ratio Lower Upper
117 100
201 72.2 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 148.076 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

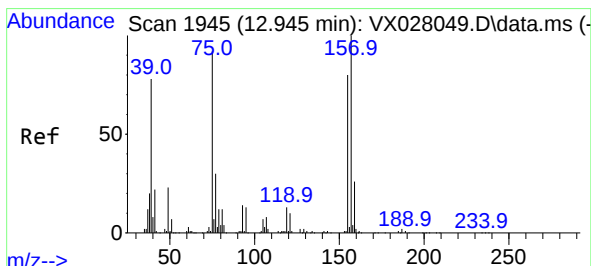
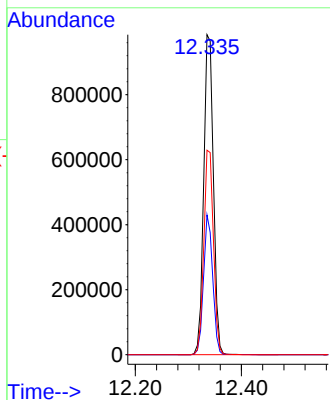
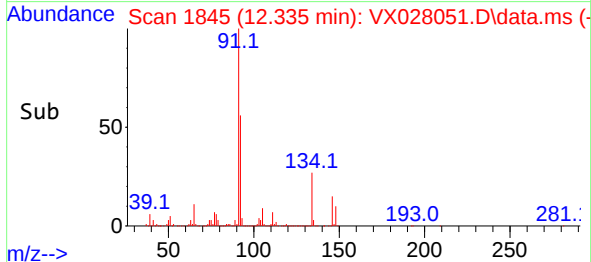
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



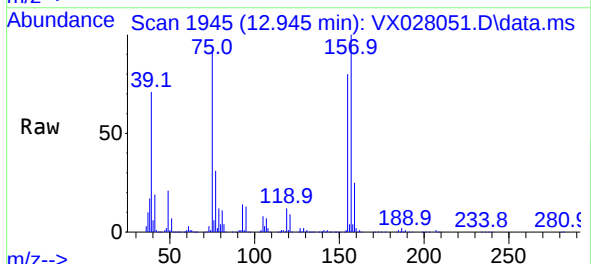
Tgt Ion:146 Resp: 124542
Ion Ratio Lower Upper
146 100
111 41.5 21.0 63.0
148 63.9 32.6 97.7

Manual Integrations
APPROVED

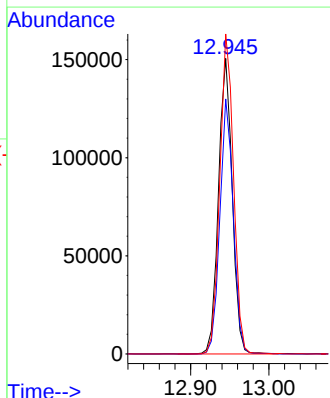
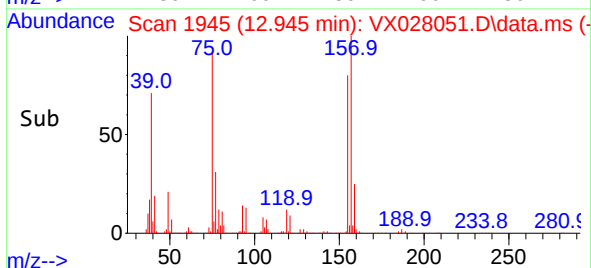
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

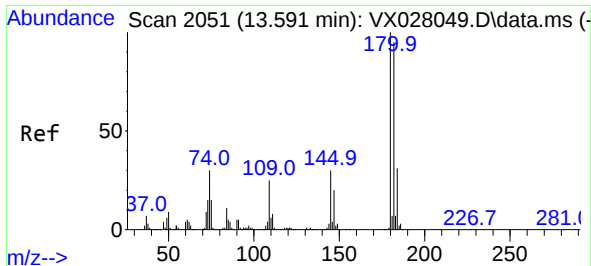


#92
1,2-Dibromo-3-Chloropropane
Concen: 135.839 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



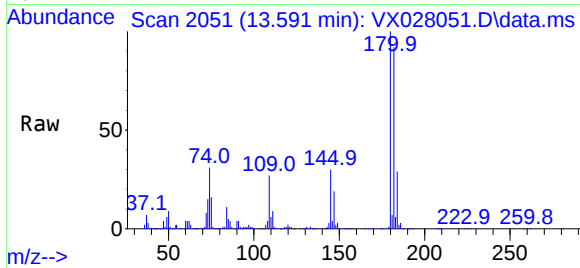
Tgt Ion: 75 Resp: 184621
Ion Ratio Lower Upper
75 100
155 84.0 47.0 141.2
157 108.2 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 141.375 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

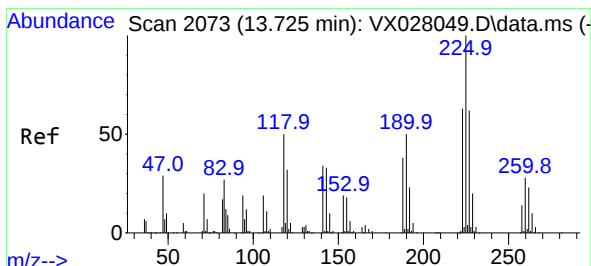
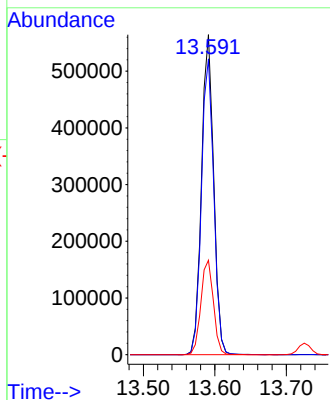
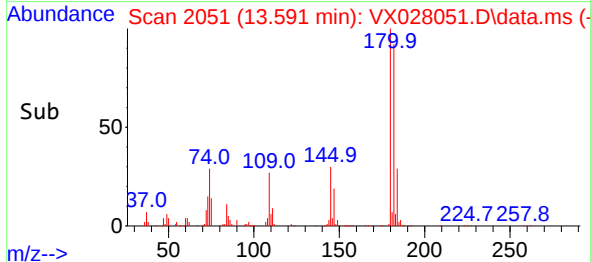
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



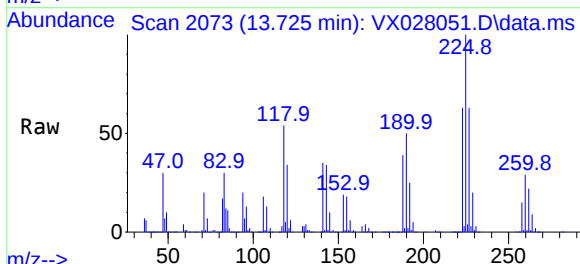
Tgt Ion:180 Resp: 664900
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 30.5 15.2 45.5

Manual Integrations
APPROVED

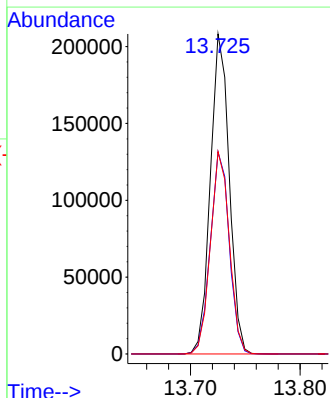
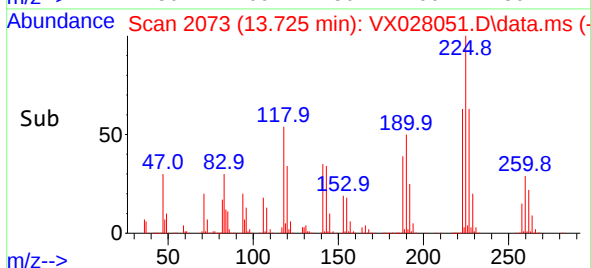
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

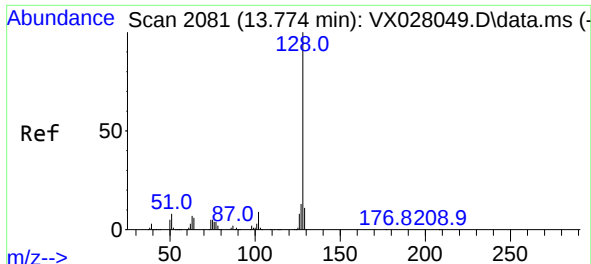


#94
Hexachlorobutadiene
Concen: 131.121 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



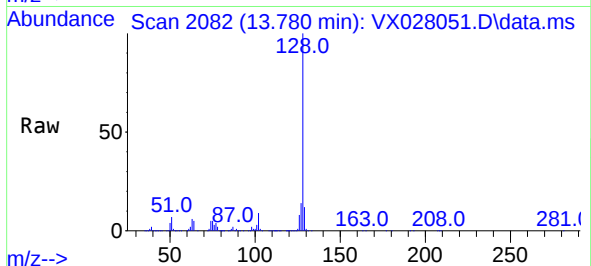
Tgt Ion:225 Resp: 248839
Ion Ratio Lower Upper
225 100
223 63.4 34.2 102.5
227 63.5 33.9 101.7





#95
Naphthalene
Concen: 141.636 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43

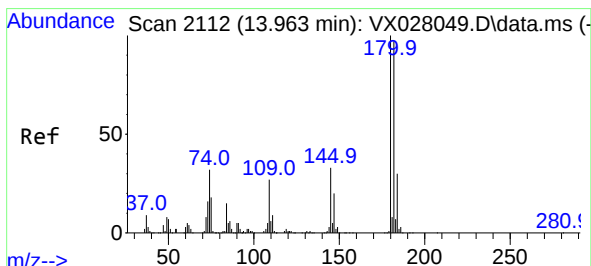
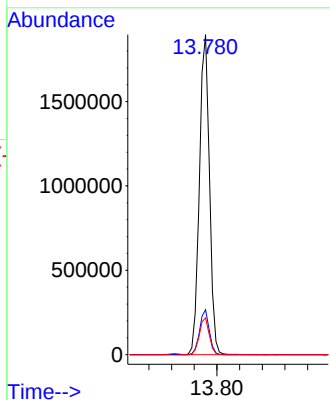
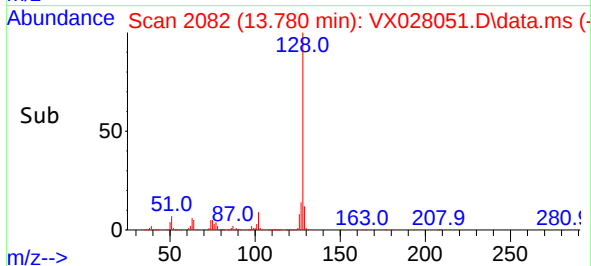
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



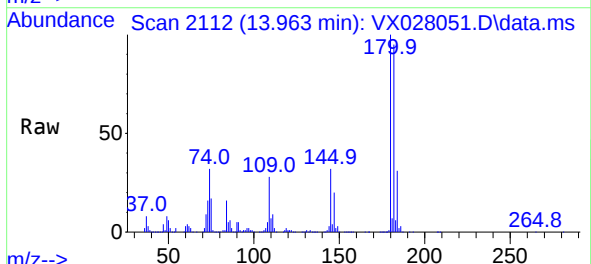
Tgt Ion:128 Resp: 2326534
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 142.026 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028051.D
Acq: 12 Apr 2022 12:43



Tgt Ion:180 Resp: 661053
Ion Ratio Lower Upper
180 100
182 95.5 50.0 149.8
145 32.6 16.2 48.5

