

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028637.D
 Acq On : 12 May 2022 14:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 12 14:52:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:29:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182788	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	452071	153.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 307.880%#			
35) Dibromofluoromethane	5.391	113	370984	142.214	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 284.420%#			
50) Toluene-d8	8.653	98	1387782	138.901	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 277.800%#			
62) 4-Bromofluorobenzene	11.085	95	550514	144.881	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 289.760%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	432711	253.260	ug/l	99
3) Chloromethane	1.288	50	370564	199.758	ug/l	99
4) Vinyl Chloride	1.374	62	413738	173.298	ug/l	99
5) Bromomethane	1.593	94	283863	123.057	ug/l	100
6) Chloroethane	1.666	64	262862	125.163	ug/l	98
7) Trichlorofluoromethane	1.874	101	651004	130.830	ug/l	98
8) Diethyl Ether	2.136	74	241622	139.989	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	345885	176.662	ug/l	96
10) Methyl Iodide	2.447	142	464377	190.922	ug/l	95
11) Tert butyl alcohol	2.995	59	465210	752.690	ug/l	100
12) 1,1-Dichloroethene	2.313	96	334702	180.824	ug/l	100
13) Acrolein	2.240	56	340599	933.113	ug/l	99
14) Allyl chloride	2.660	41	548882	181.013	ug/l	93
15) Acrylonitrile	3.069	53	1052423	855.511	ug/l	100
16) Acetone	2.386	43	879443	860.096	ug/l	94
17) Carbon Disulfide	2.508	76	903007	183.817	ug/l	99
18) Methyl Acetate	2.703	43	465749	171.696	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1199470	164.416	ug/l	99
20) Methylene Chloride	2.788	84	377422	166.340	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	377075	158.028	ug/l	99
22) Diisopropyl ether	3.764	45	1125295	165.790	ug/l	91
23) Vinyl Acetate	3.727	43	5003577	845.060	ug/l	98
24) 1,1-Dichloroethane	3.611	63	661628	164.271	ug/l	99
25) 2-Butanone	4.562	43	1470408	828.636	ug/l	97
26) 2,2-Dichloropropane	4.477	77	562769	149.259	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	437369	154.797	ug/l	98
28) Bromochloromethane	4.904	49	266231	160.932	ug/l	95
29) Tetrahydrofuran	5.007	42	954714	823.877	ug/l	93
30) Chloroform	5.099	83	710191	150.873	ug/l	99
31) Cyclohexane	5.471	56	603614	163.425	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	645000	152.201	ug/l	100
36) 1,1-Dichloropropene	5.696	75	532501	152.050	ug/l	100
37) Ethyl Acetate	4.721	43	573323	159.993	ug/l	97
38) Carbon Tetrachloride	5.678	117	567470	146.402	ug/l	99
39) Methylcyclohexane	7.385	83	618125	141.854	ug/l	96
40) Benzene	6.044	78	1523674	149.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	304604	164.933	ug/l	94
42) 1,2-Dichloroethane	6.092	62	556097	147.208	ug/l	98
43) Isopropyl Acetate	6.342	43	939493	162.342	ug/l	95
44) Trichloroethene	7.129	130	426140	145.304	ug/l	97
45) 1,2-Dichloropropane	7.434	63	384728	153.593	ug/l	97
46) Dibromomethane	7.580	93	290837	149.111	ug/l	93
47) Bromodichloromethane	7.824	83	564857	151.308	ug/l	98
48) Methyl methacrylate	7.696	41	452246	168.403	ug/l	87
49) 1,4-Dioxane	7.665	88	211274	3019.962	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2949917	792.042	ug/l	96
52) Toluene	8.720	92	996191	142.309	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	639941	162.246	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	669616	157.056	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	412200	144.786	ug/l	98
56) Ethyl methacrylate	9.122	69	684148	164.561	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	691334	149.479	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1595105	825.056	ug/l	98
59) 2-Hexanone	9.439	43	2313887	800.445	ug/l	93
60) Dibromochloromethane	9.525	129	455172	149.210	ug/l	97
61) 1,2-Dibromoethane	9.610	107	447316	144.868	ug/l	100
64) Tetrachloroethene	9.275	164	378346	133.883	ug/l	95
65) Chlorobenzene	10.080	112	1100136	142.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	415533	145.977	ug/l	99
67) Ethyl Benzene	10.195	91	1967606	150.974	ug/l	99
68) m/p-Xylenes	10.305	106	1549289	294.702	ug/l	99
69) o-Xylene	10.647	106	775963	148.431	ug/l	100
70) Styrene	10.659	104	1319812	155.097	ug/l	98
71) Bromoform	10.805	173	338417	152.640	ug/l	99
73) Isopropylbenzene	10.964	105	1975895	152.968	ug/l	100
74) N-amyl acetate	10.848	43	859975	186.575	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	659494	156.674	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	590203m	158.280	ug/l	
77) Bromobenzene	11.201	156	484875	146.085	ug/l	96
78) n-propylbenzene	11.305	91	2311060	160.349	ug/l	99
79) 2-Chlorotoluene	11.366	91	1394121	156.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1701237	155.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	225765	181.493	ug/l	93
82) 4-Chlorotoluene	11.457	91	1634569	158.876	ug/l	99
83) tert-Butylbenzene	11.720	119	1647515	149.185	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1704434	157.176	ug/l	100
85) sec-Butylbenzene	11.896	105	2020252	151.149	ug/l	100
86) p-Isopropyltoluene	12.012	119	1732210	150.821	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	934443	149.875	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	938864	143.715	ug/l	98
89) n-Butylbenzene	12.335	91	1522257	159.354	ug/l	99
90) Hexachloroethane	12.543	117	308651	168.126	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	903245	145.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	161655	173.137	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	556668	151.016	ug/l	99
94) Hexachlorobutadiene	13.725	225	211202	129.730	ug/l	95
95) Naphthalene	13.780	128	2013829	162.492	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	549068	152.131	ug/l	95

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MSVOA_X
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VSTDICC150

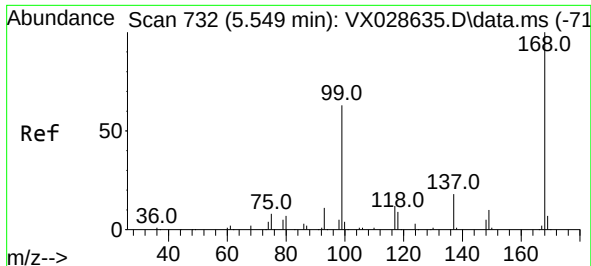
Manual Integrations
APPROVED

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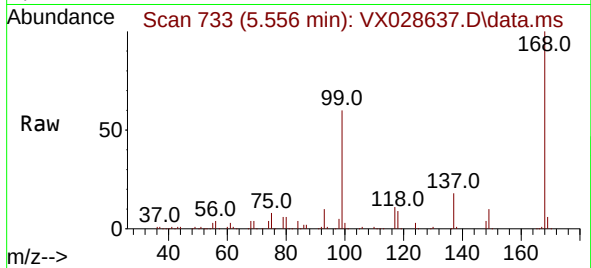
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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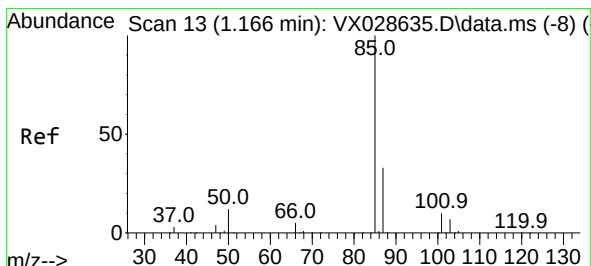
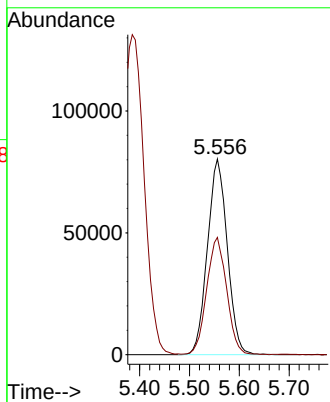
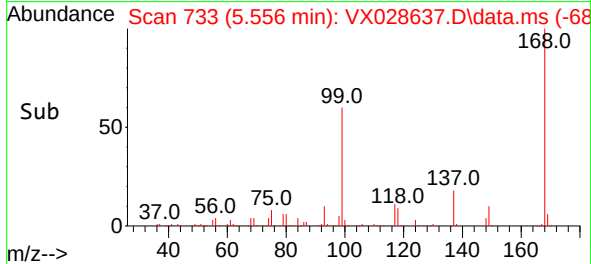
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 22193
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5

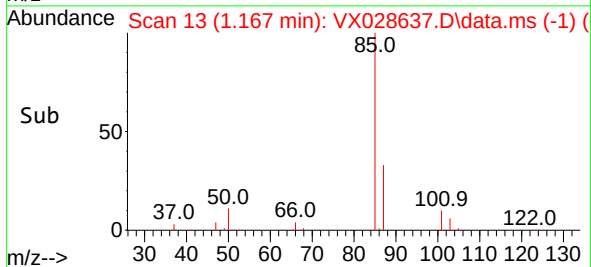
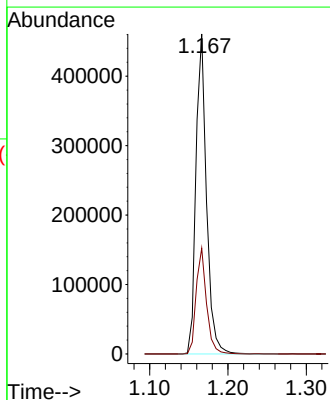
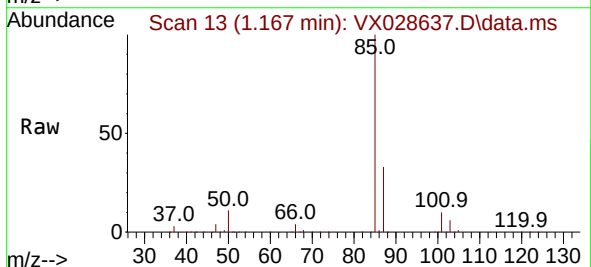
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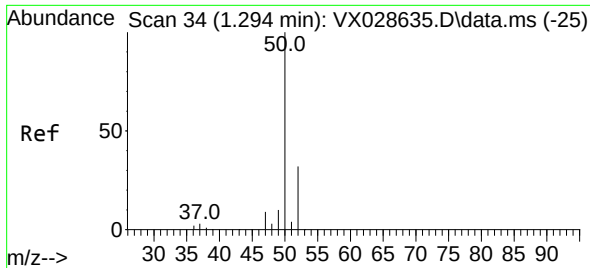
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 253.260 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 85 Resp: 432711
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





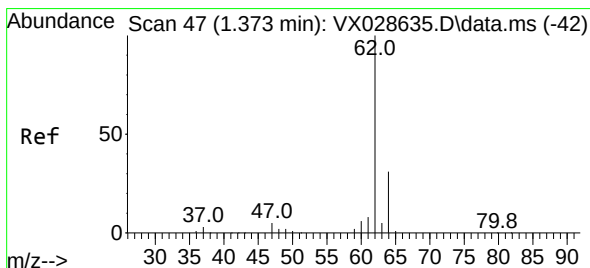
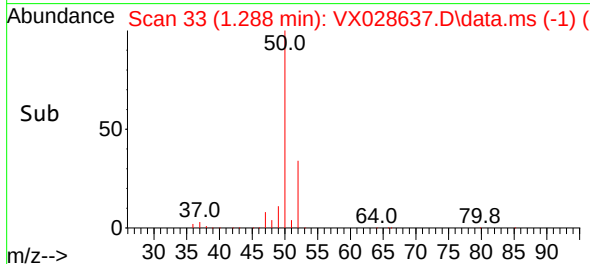
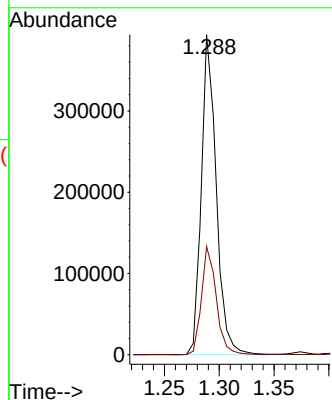
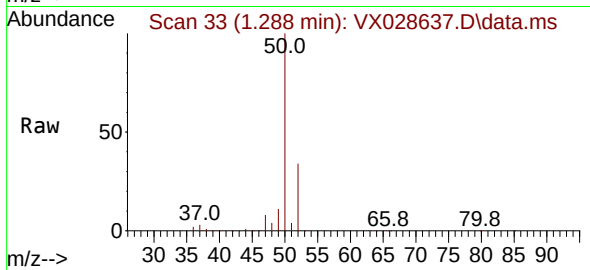
#3
Chloromethane
Concen: 199.758 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

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Tgt Ion: 50 Resp: 370564
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

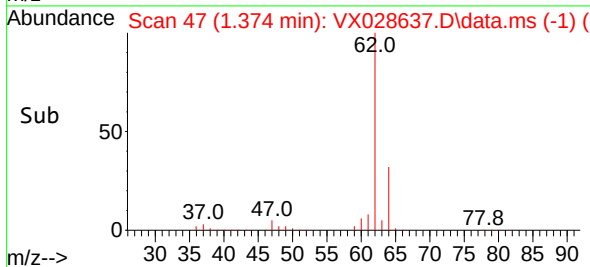
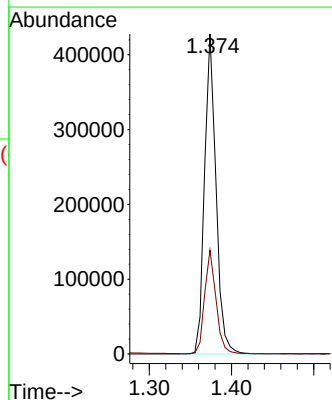
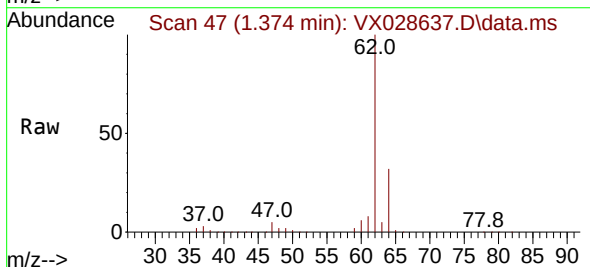
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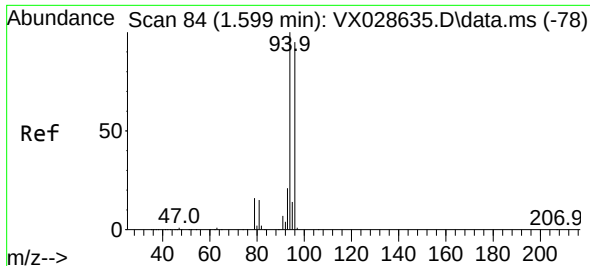
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 173.298 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

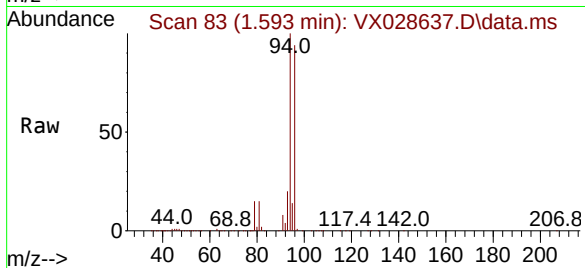
Tgt Ion: 62 Resp: 413738
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 123.057 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX028637.D
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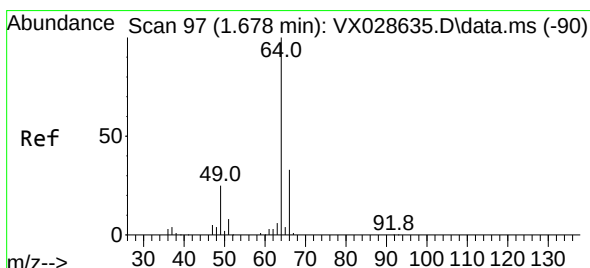
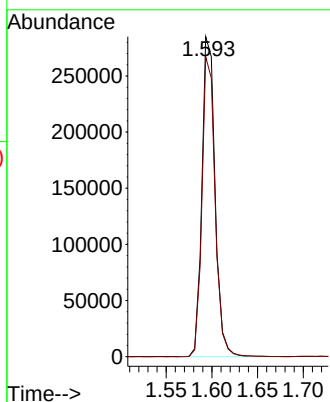
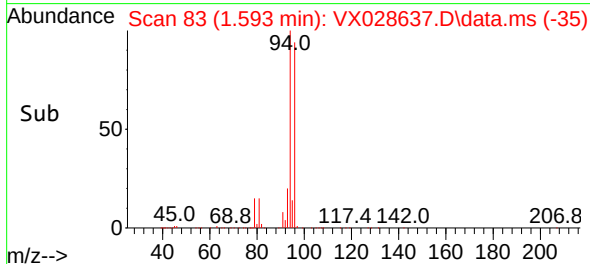
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 28386
Ion Ratio Lower Upper
94 100
96 93.7 75.3 112.9

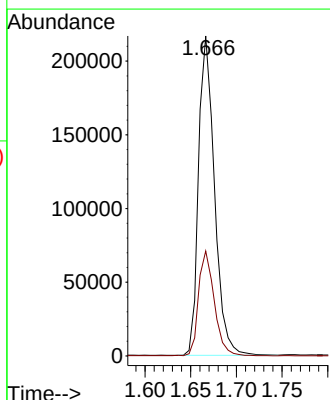
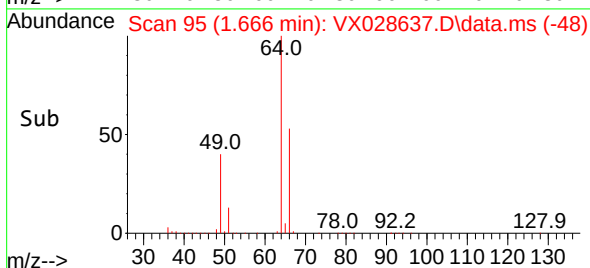
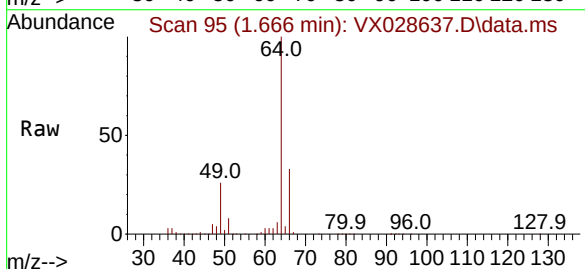
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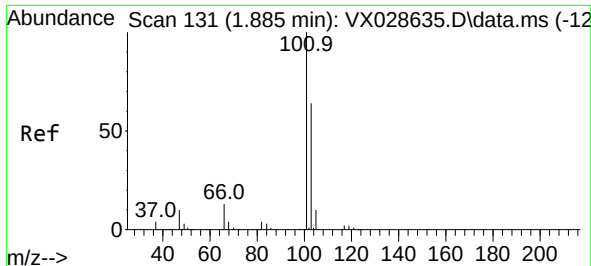
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#6
Chloroethane
Concen: 125.163 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 64 Resp: 262862
Ion Ratio Lower Upper
64 100
66 32.8 25.3 37.9





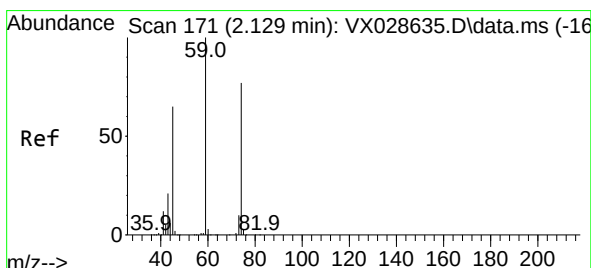
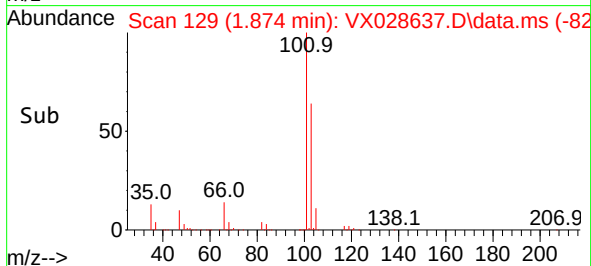
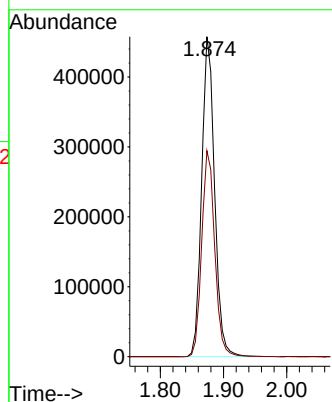
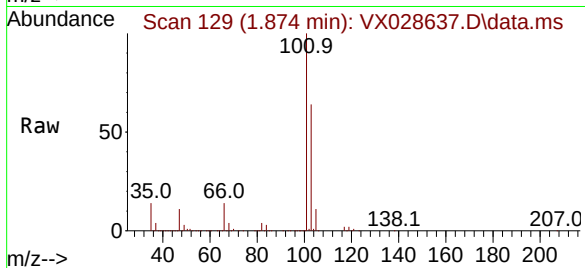
#7
 Trichlorofluoromethane
 Concen: 130.830 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 651004
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.5 75.7

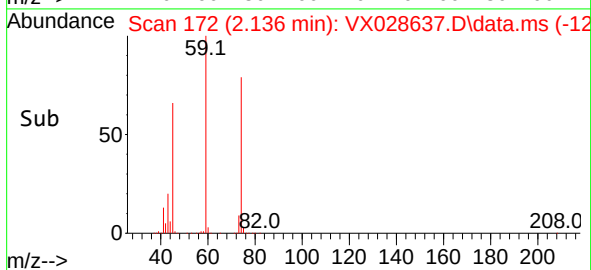
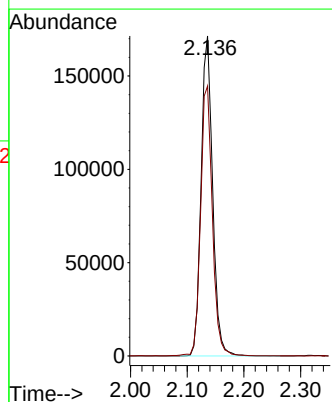
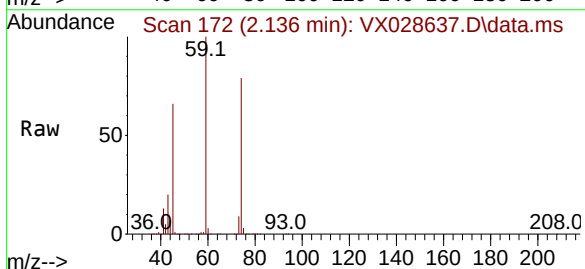
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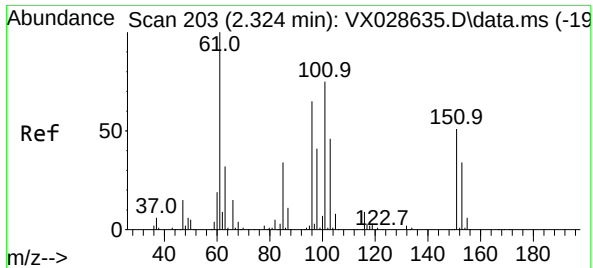
Reviewed By :John Carlone 05/13/2022
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#8
 Diethyl Ether
 Concen: 139.989 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 241622
 Ion Ratio Lower Upper
 74 100
 45 86.3 42.0 126.0





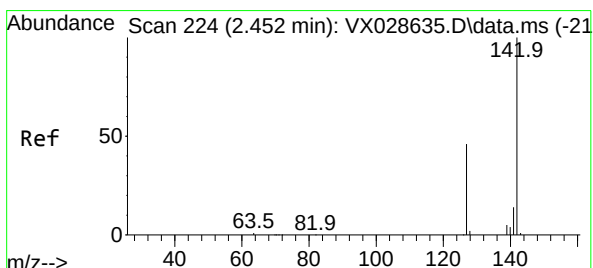
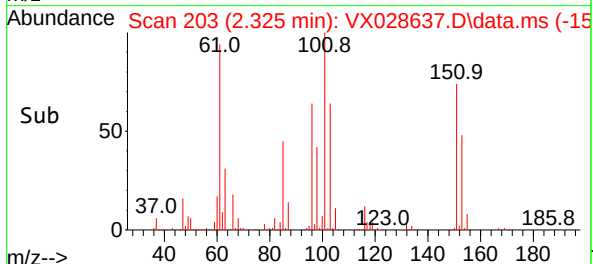
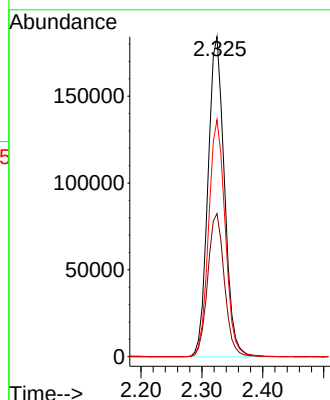
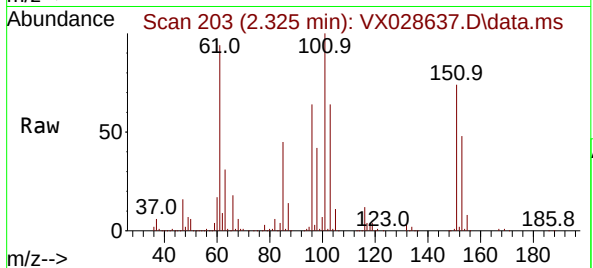
#9
1,1,2-Trichlorotrifluoroethane
Concen: 176.662 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 34588
Ion Ratio Lower Upper
101 100
85 45.3 33.5 50.3
151 74.5 61.8 92.6

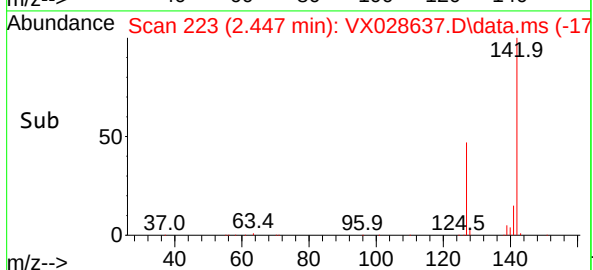
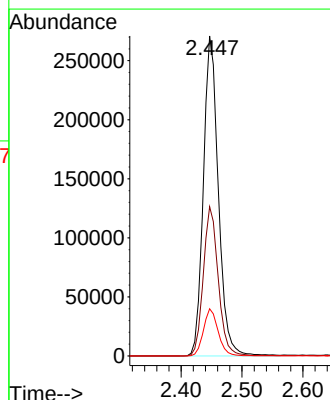
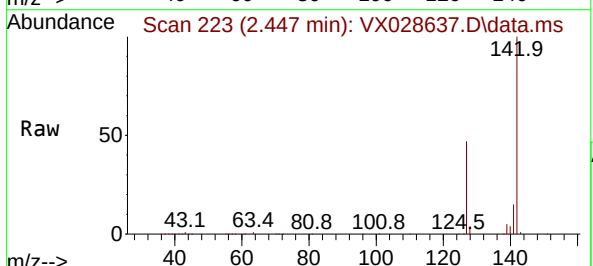
Manual Integrations
APPROVED

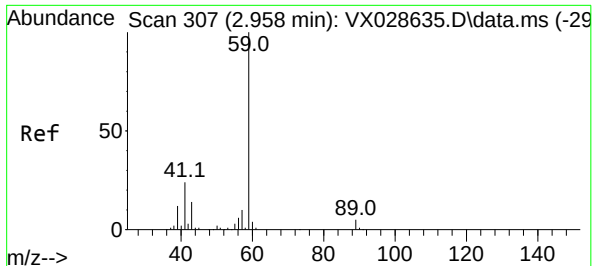
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 190.922 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion:142 Resp: 464377
Ion Ratio Lower Upper
142 100
127 46.7 33.9 50.9
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 752.690 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 465210

Ion Ratio Lower Upper

59 100

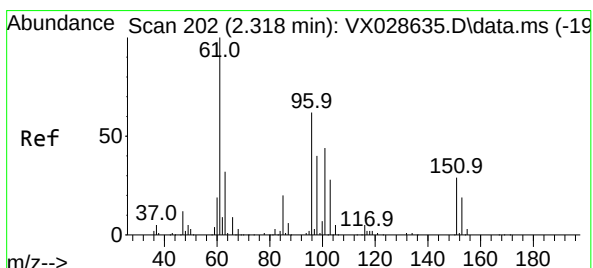
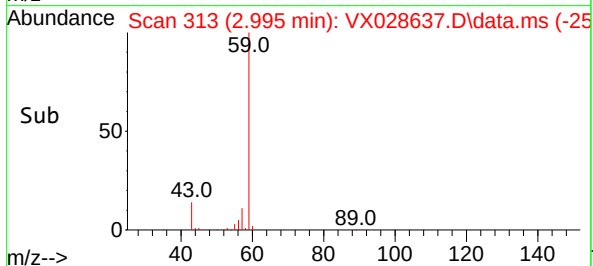
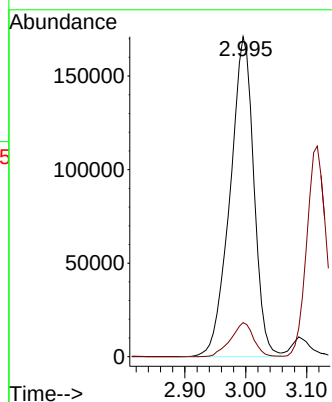
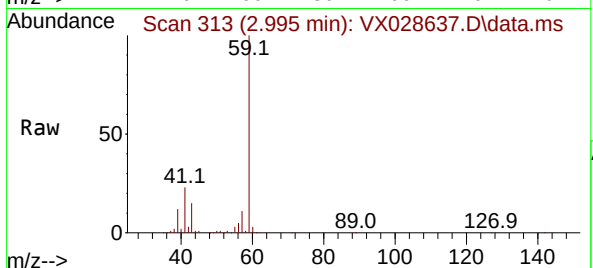
57 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#12

1,1-Dichloroethene

Concen: 180.824 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

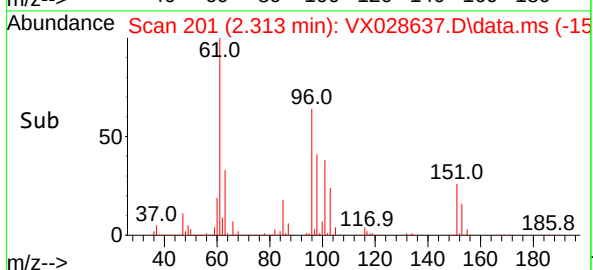
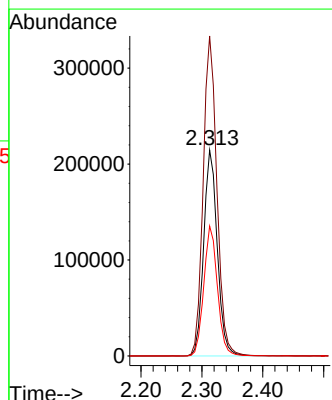
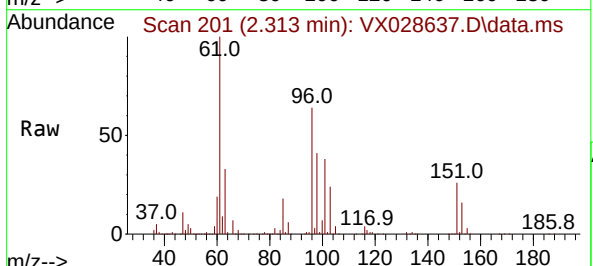
Tgt Ion: 96 Resp: 334702

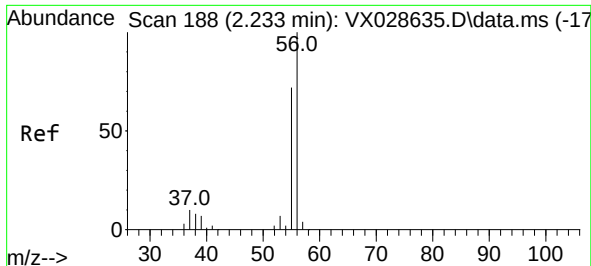
Ion Ratio Lower Upper

96 100

61 155.4 124.6 187.0

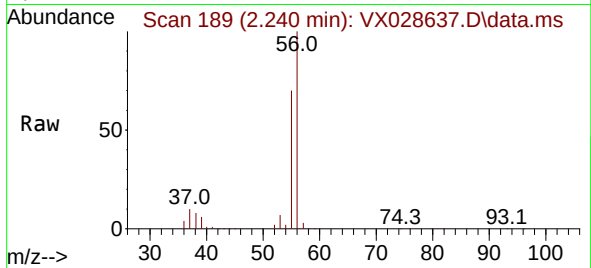
98 63.1 51.0 76.4





#13
Acrolein
Concen: 933.113 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

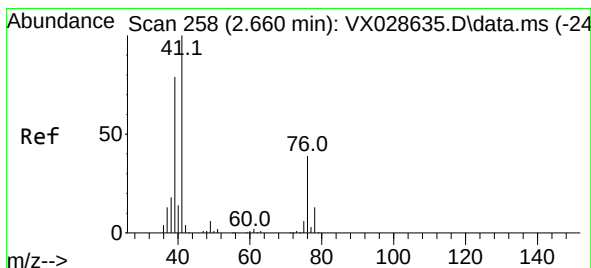
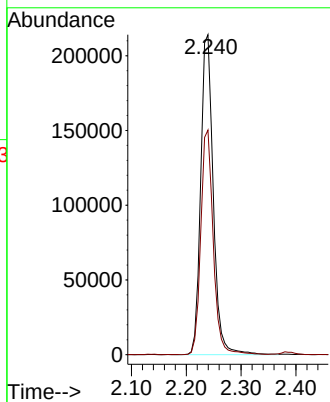
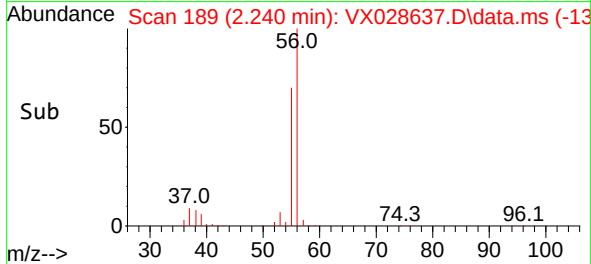
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 340599
Ion Ratio Lower Upper
56 100
55 69.7 55.0 82.6

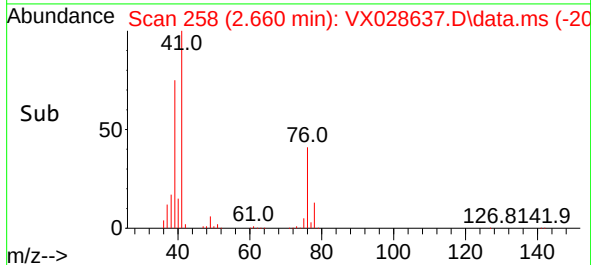
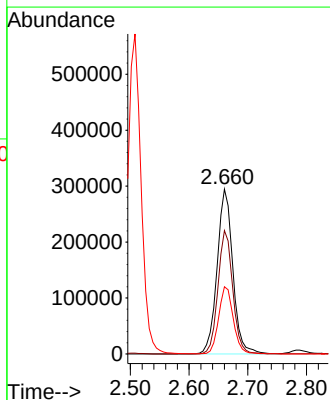
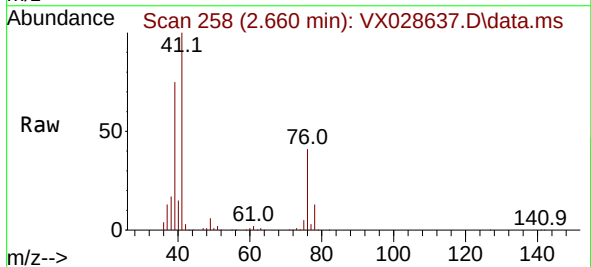
Manual Integrations
APPROVED

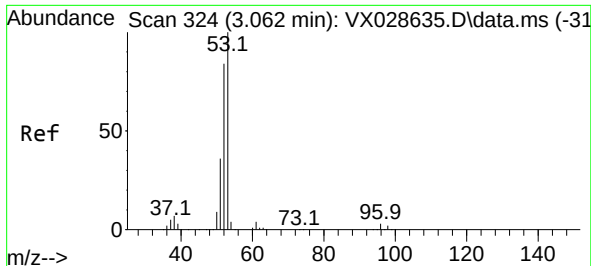
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 181.013 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

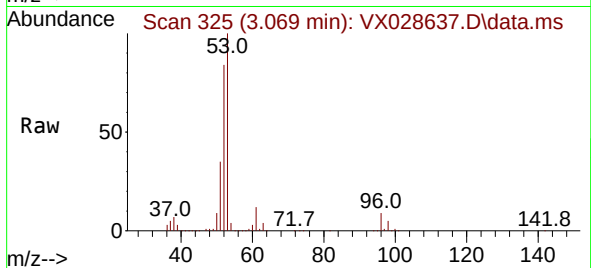
Tgt Ion: 41 Resp: 548882
Ion Ratio Lower Upper
41 100
39 70.0 50.4 75.6
76 37.8 32.7 49.1





#15
Acrylonitrile
Concen: 855.511 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

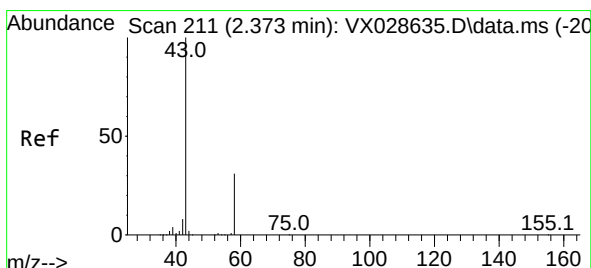
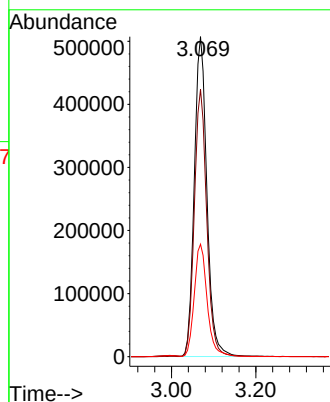
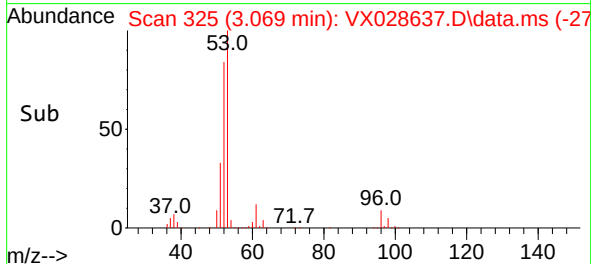
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 105242
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 36.1 28.4 42.6

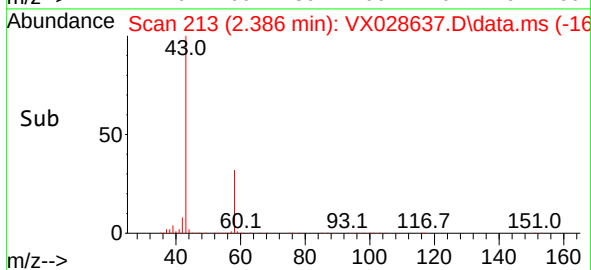
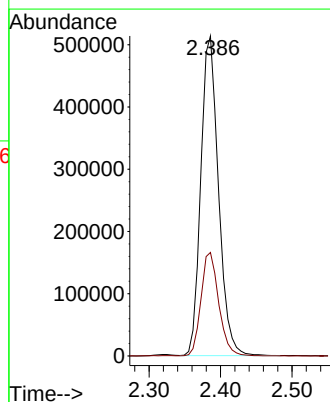
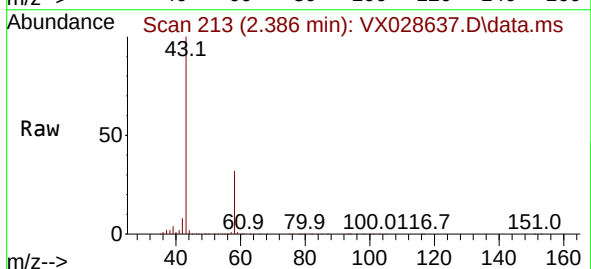
Manual Integrations
APPROVED

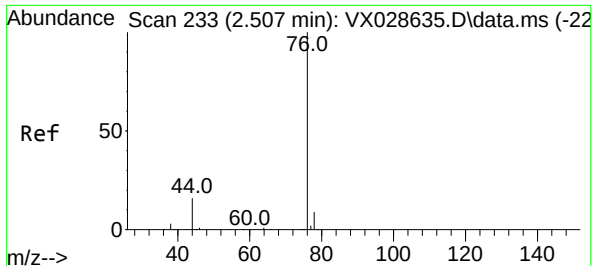
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 860.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

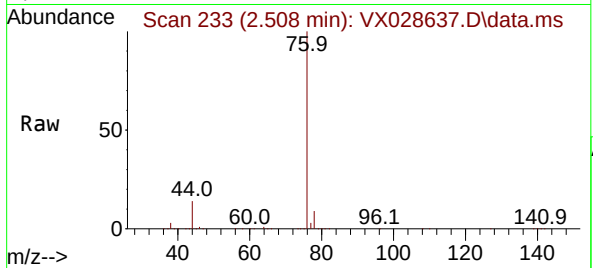
Tgt Ion: 43 Resp: 879443
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2





#17
Carbon Disulfide
Concen: 183.817 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

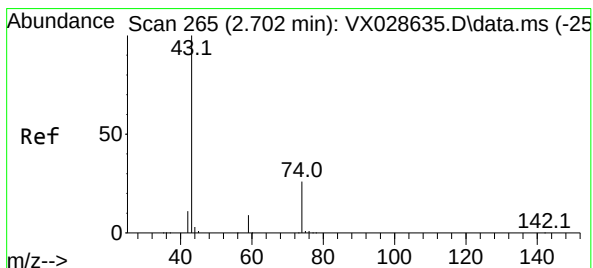
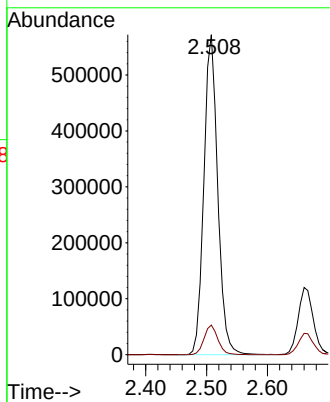
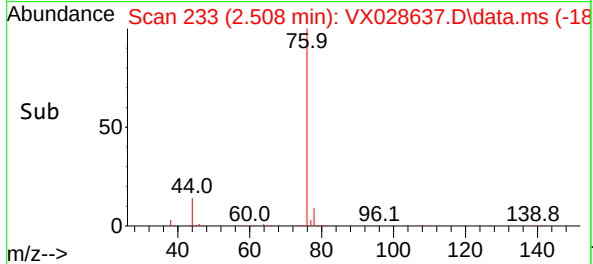
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



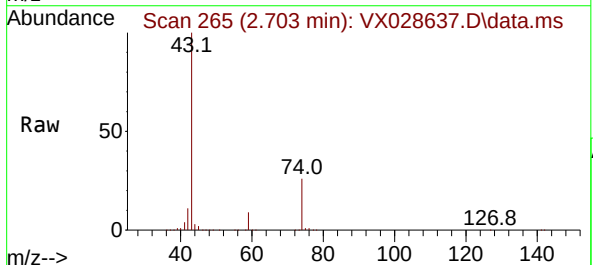
Tgt Ion: 76 Resp: 90300
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
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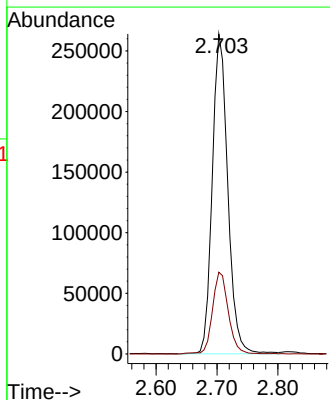
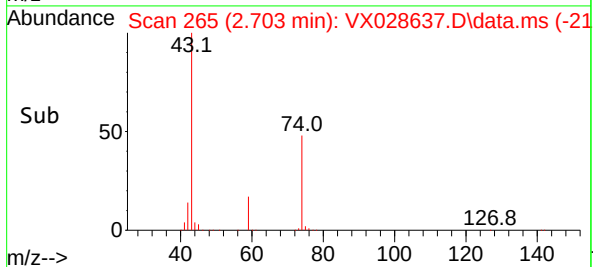
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

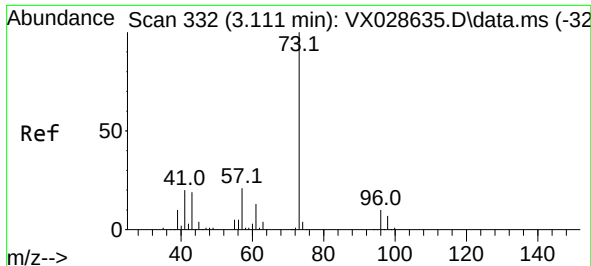


#18
Methyl Acetate
Concen: 171.696 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion: 43 Resp: 465749
Ion Ratio Lower Upper
43 100
74 26.2 22.8 34.2





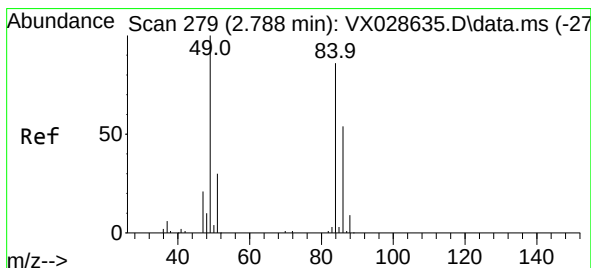
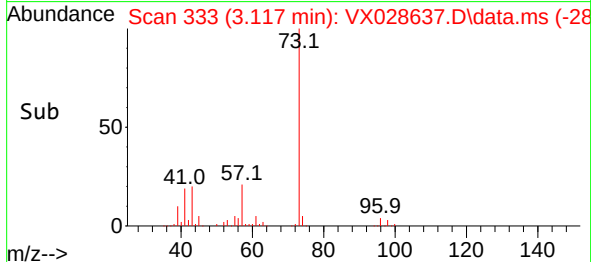
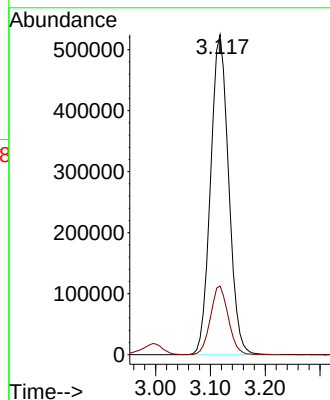
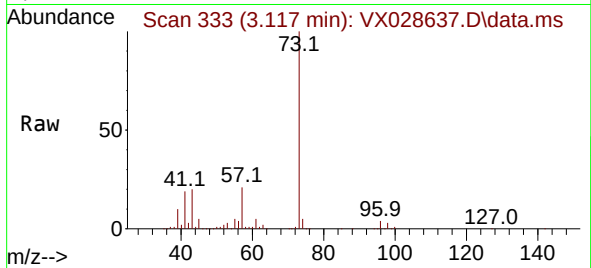
#19
Methyl tert-butyl Ether
Concen: 164.416 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 1199470
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2

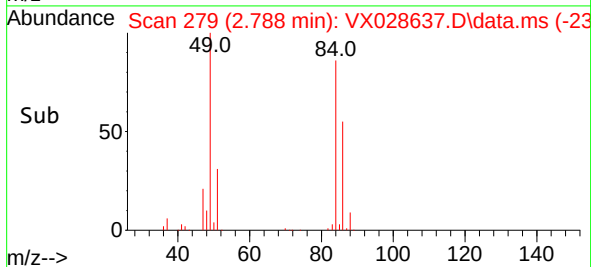
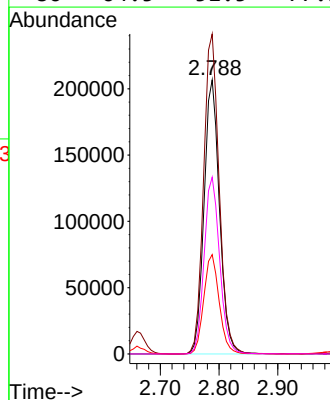
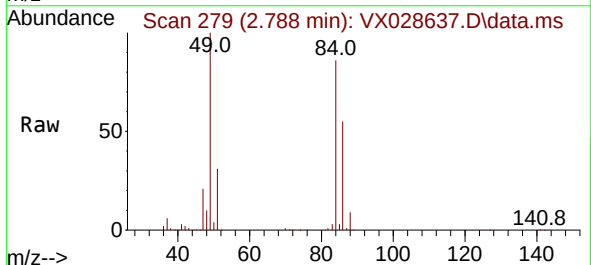
Manual Integrations
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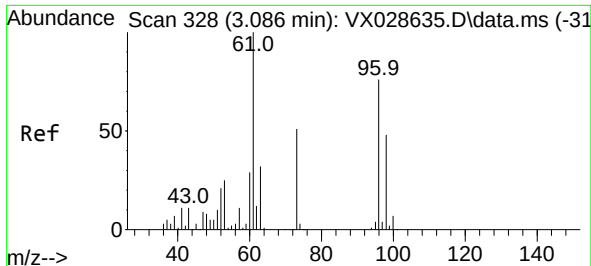
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 166.340 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

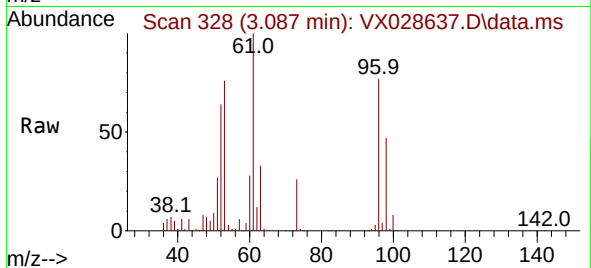
Tgt Ion: 84 Resp: 377422
Ion Ratio Lower Upper
84 100
49 116.8 85.5 128.3
51 36.2 26.6 39.8
86 64.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 158.028 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

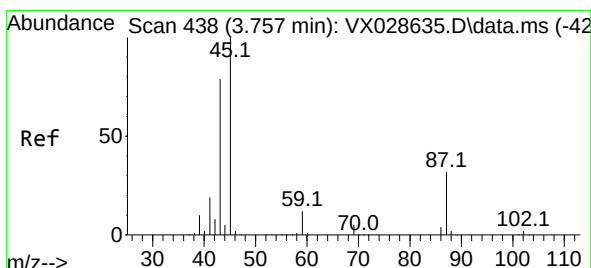
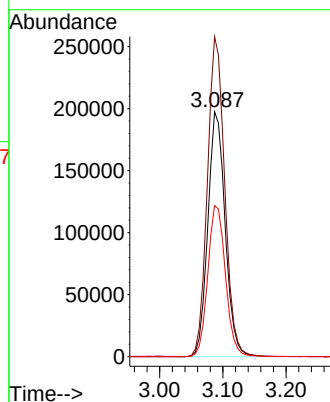
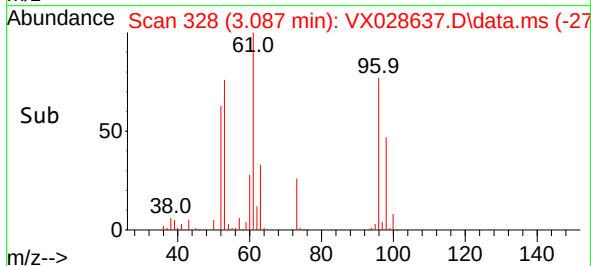
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



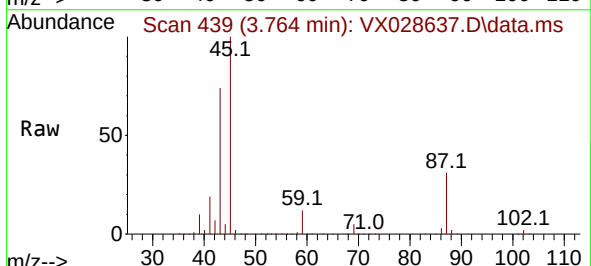
Tgt Ion: 96 Resp: 377075
Ion Ratio Lower Upper
96 100
61 130.6 105.4 158.2
98 61.6 50.0 75.0

Manual Integrations
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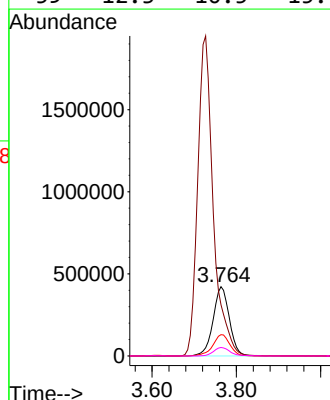
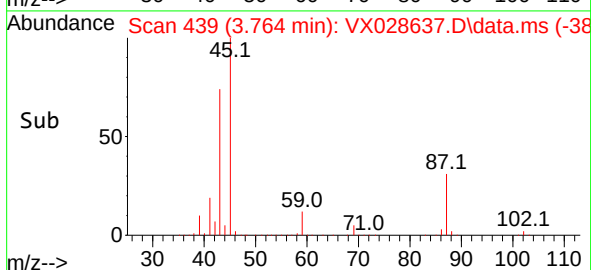
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

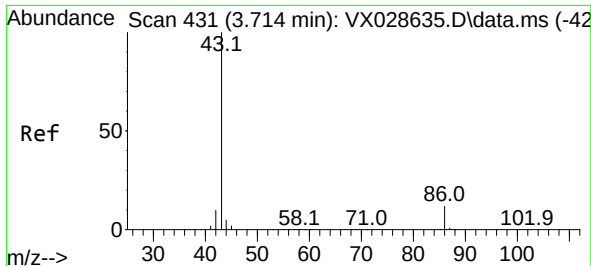


#22
Diisopropyl ether
Concen: 165.790 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



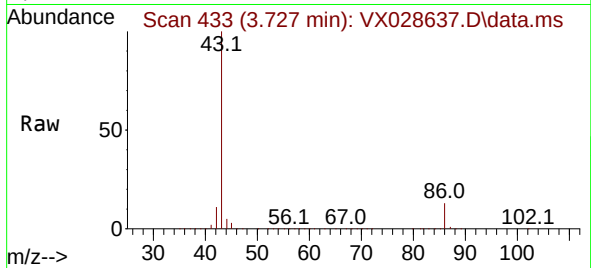
Tgt Ion: 45 Resp: 1125295
Ion Ratio Lower Upper
45 100
43 73.9 50.8 76.2
87 30.9 26.6 39.8
59 12.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 845.060 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

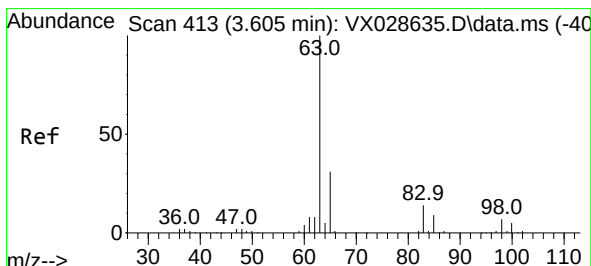
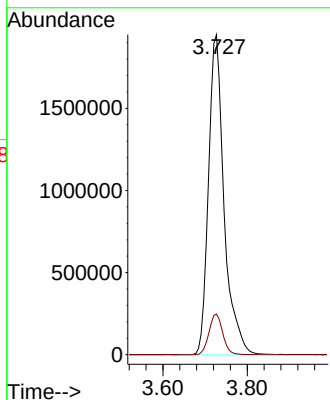
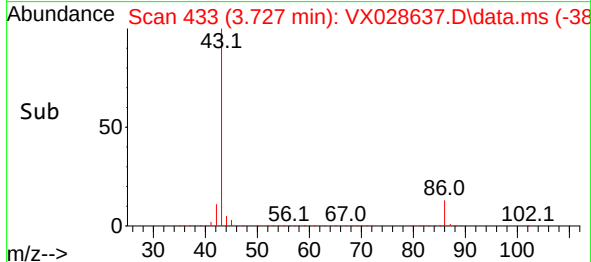
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



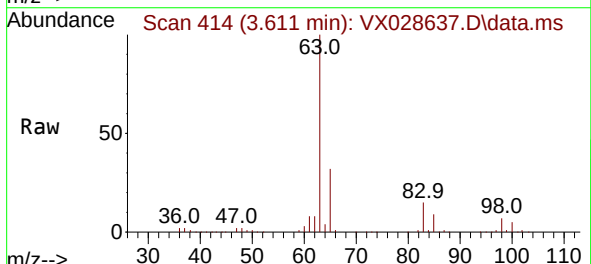
Tgt Ion: 43 Resp: 500357
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.8 16.2

Manual Integrations
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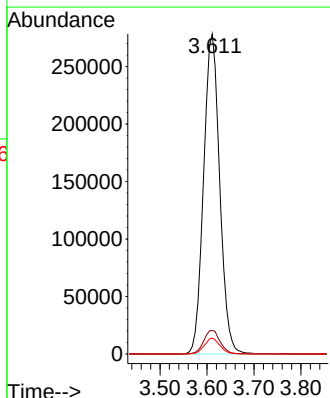
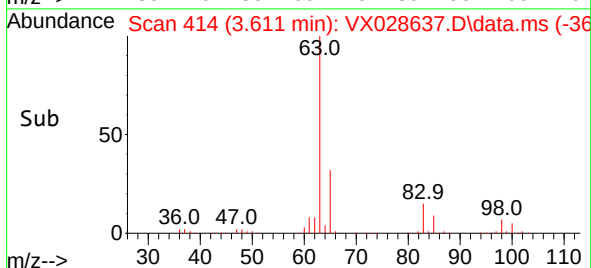
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

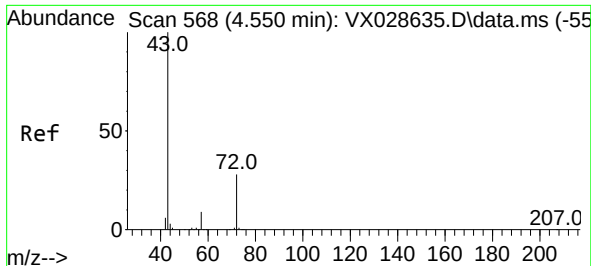


#24
 1,1-Dichloroethane
 Concen: 164.271 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.007 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26



Tgt Ion: 63 Resp: 661628
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.9 2.4 7.2





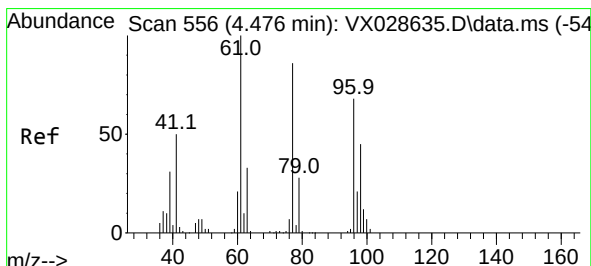
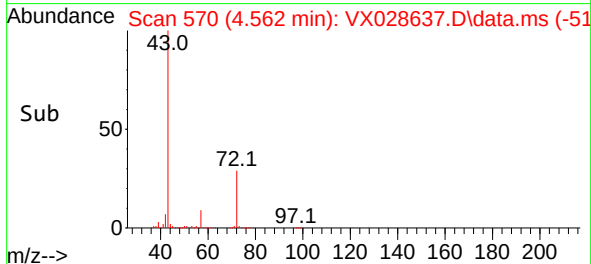
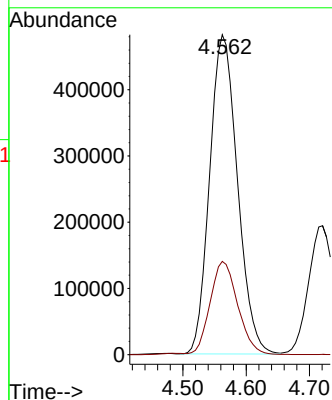
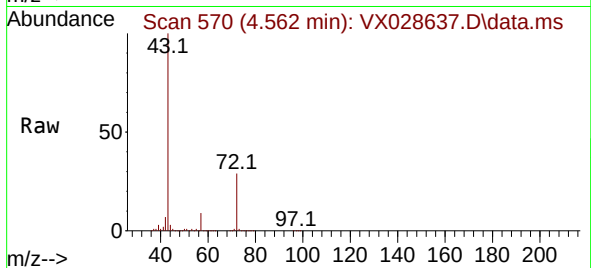
#25
2-Butanone
Concen: 828.636 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1470408
Ion Ratio Lower Upper
43 100
72 29.1 24.4 36.6

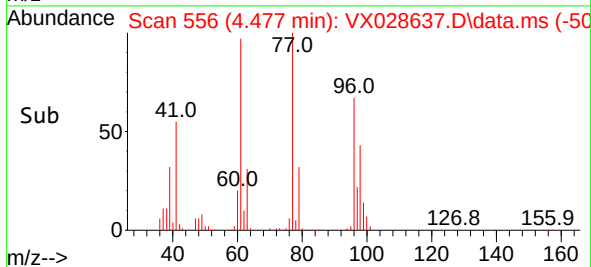
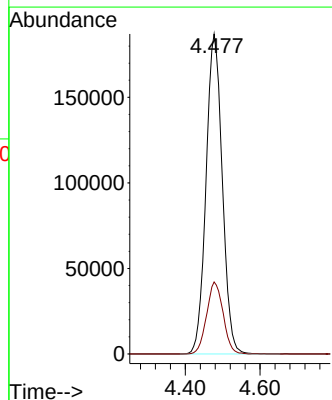
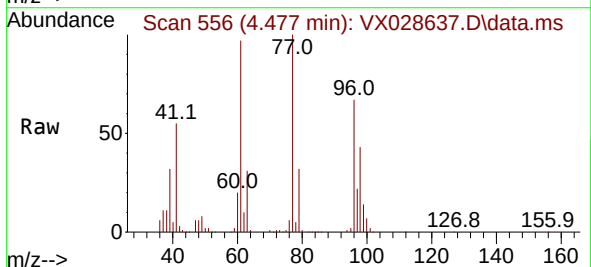
Manual Integrations
APPROVED

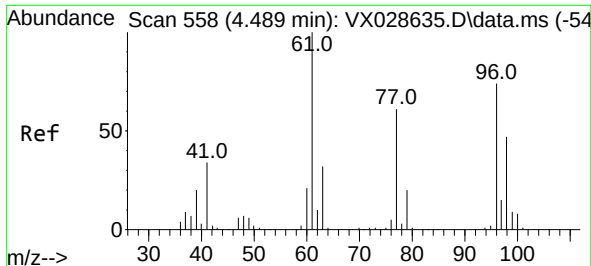
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 149.259 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 77 Resp: 562769
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 154.797 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 437369

Ion Ratio Lower Upper

96 100

61 138.8 0.0 283.8

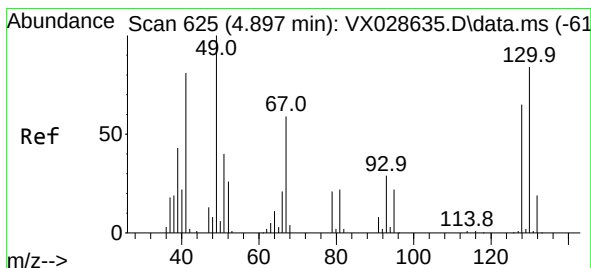
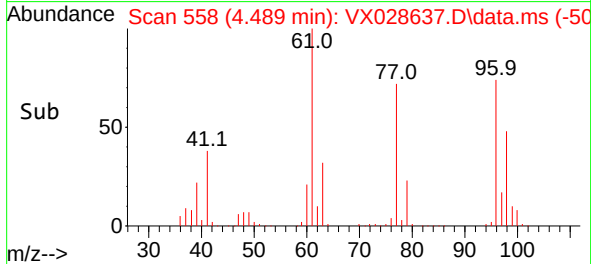
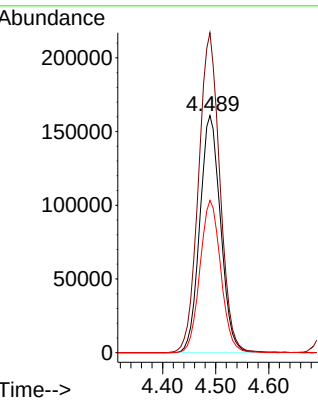
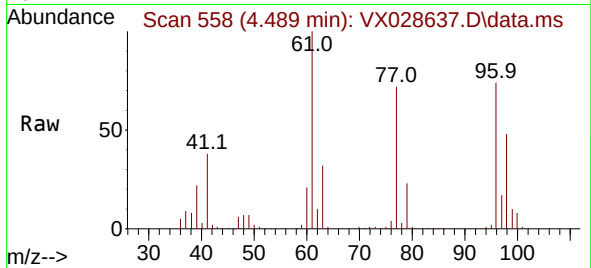
98 64.4 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 160.932 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

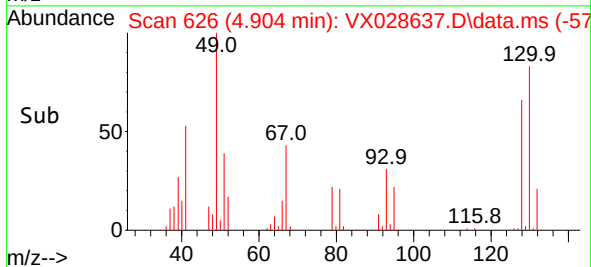
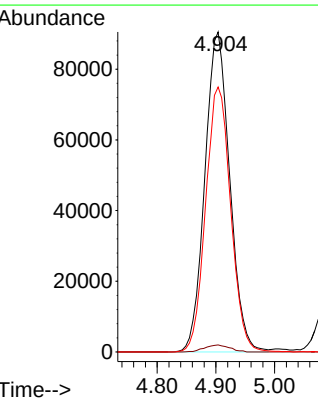
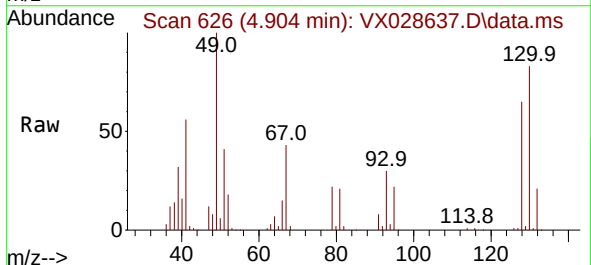
Tgt Ion: 49 Resp: 266231

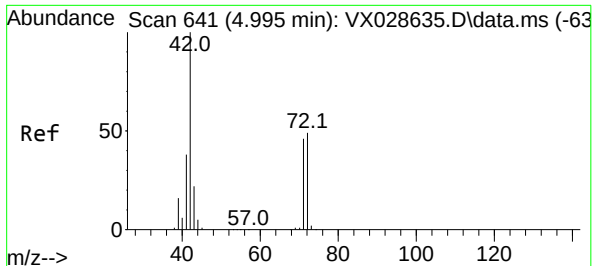
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 83.4 70.7 106.1





#29

Tetrahydrofuran

Concen: 823.877 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.013 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 954714

Ion Ratio Lower Upper

42 100

72 50.0 44.1 66.1

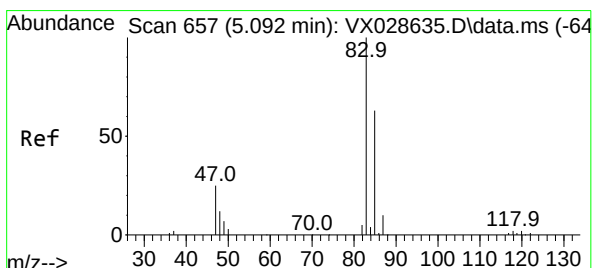
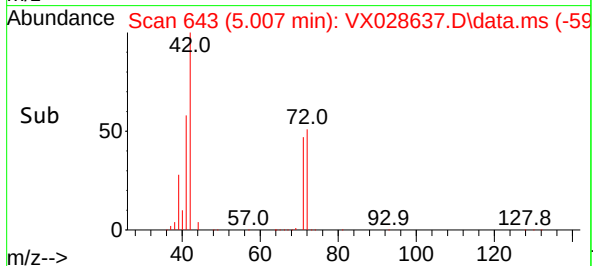
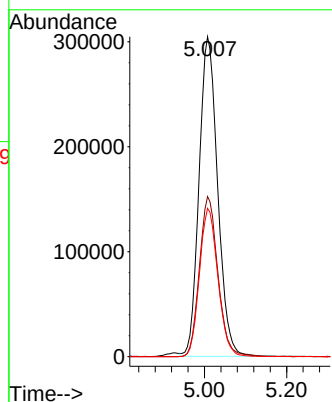
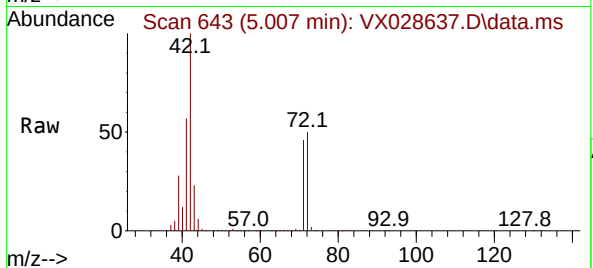
71 46.1 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 150.873 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028637.D

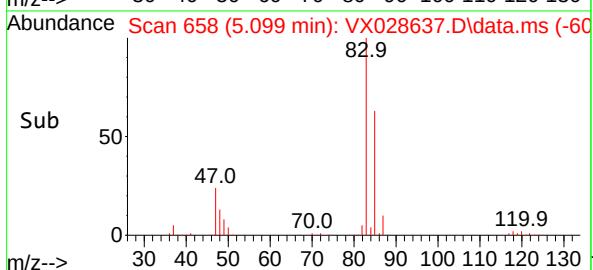
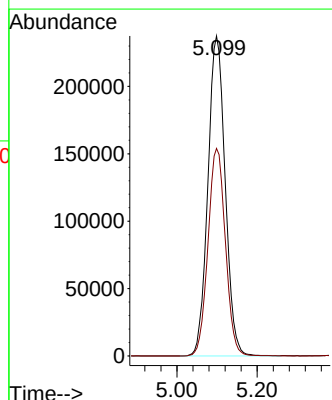
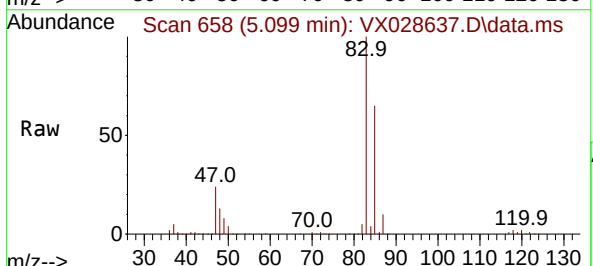
Acq: 12 May 2022 14:26

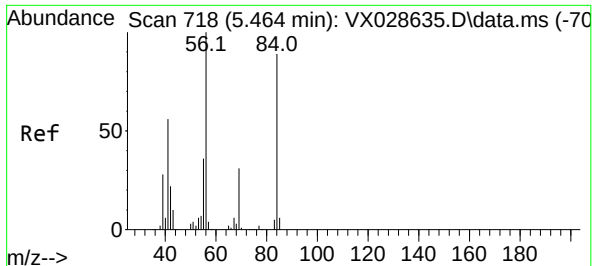
Tgt Ion: 83 Resp: 710191

Ion Ratio Lower Upper

83 100

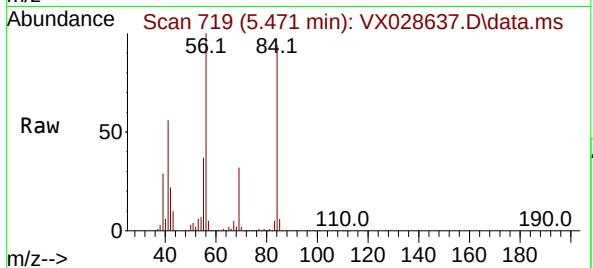
85 64.9 52.7 79.1





#31
Cyclohexane
Concen: 163.425 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

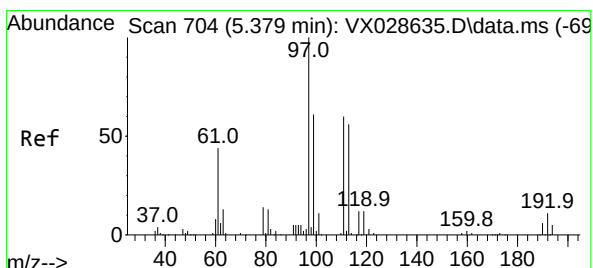
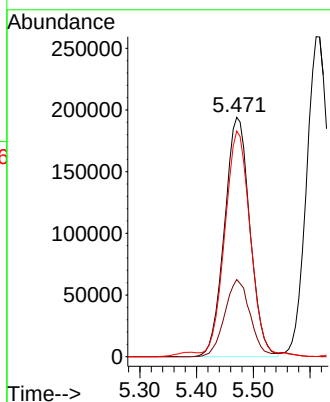
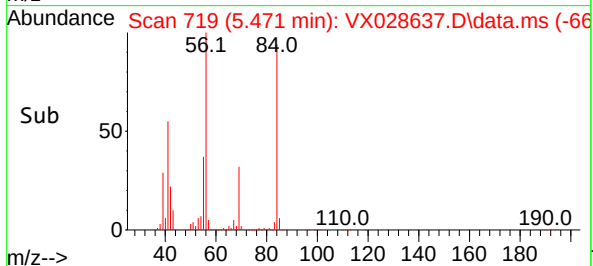
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 603614
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 93.1 77.2 115.8

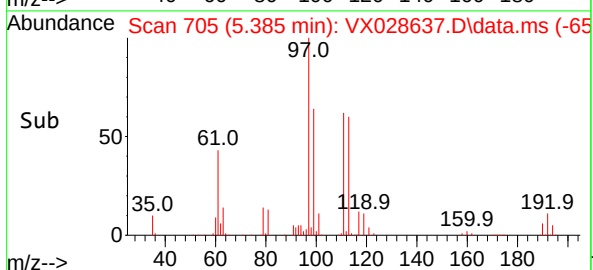
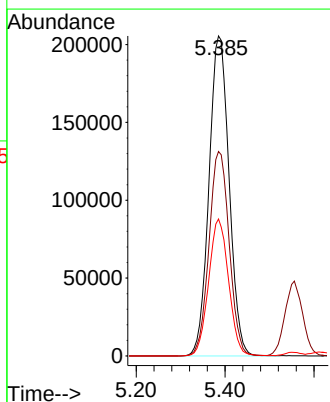
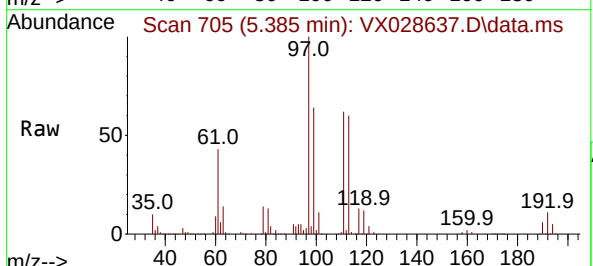
Manual Integrations
APPROVED

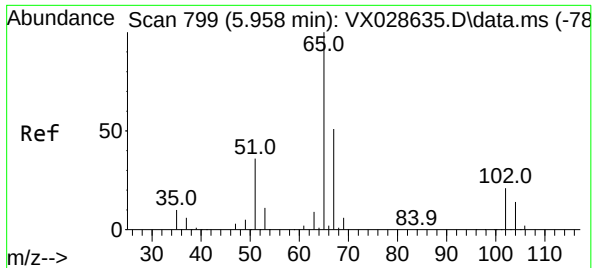
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#32
1,1,1-Trichloroethane
Concen: 152.201 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 97 Resp: 645000
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 42.6 34.0 51.0





#33
 1,2-Dichloroethane-d4
 Concen: 153.935 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

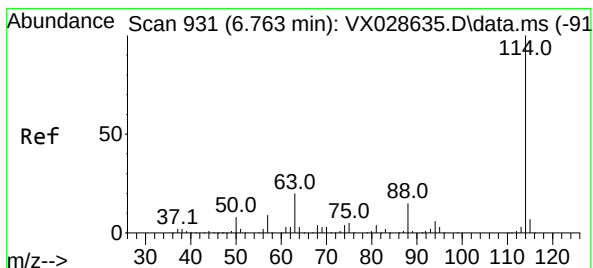
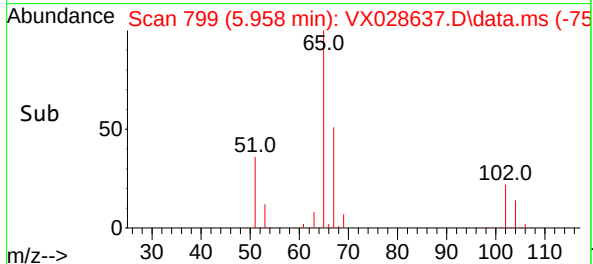
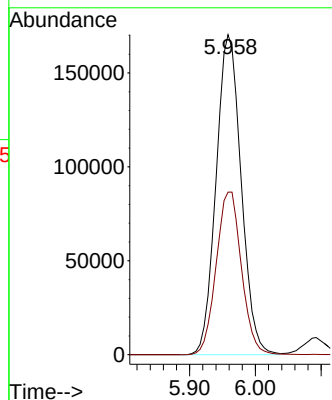
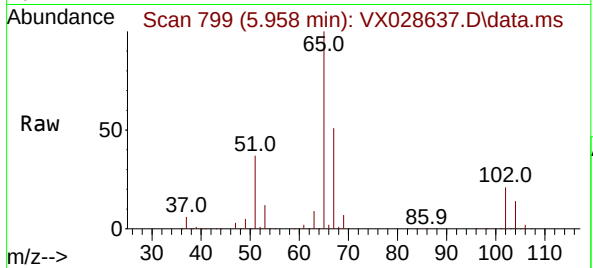
VSTDIC150

Tgt Ion: 65 Resp: 45207
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.4

Manual Integrations

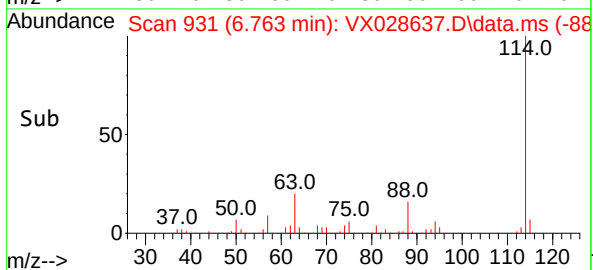
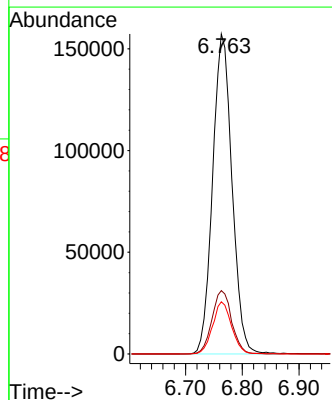
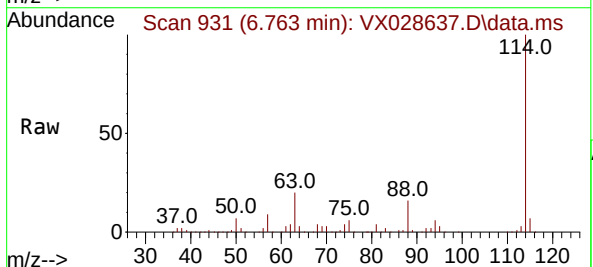
APPROVED

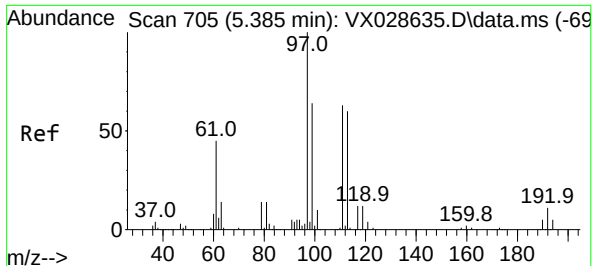
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

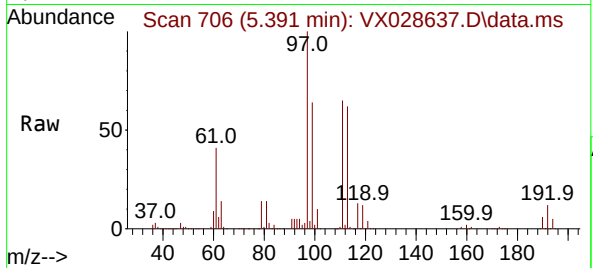
Tgt Ion:114 Resp: 373116
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.8
 88 16.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 142.214 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

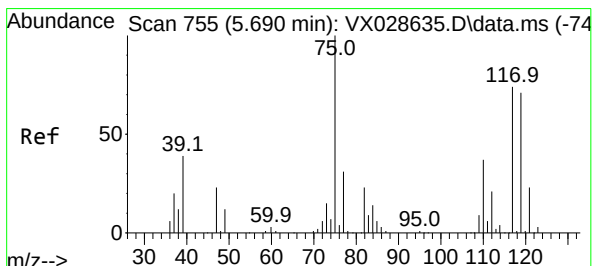
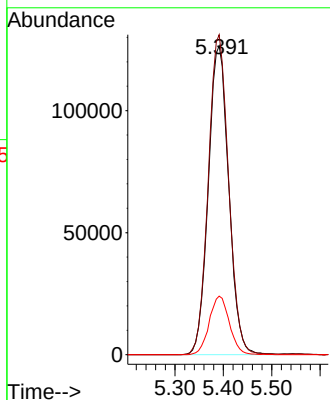
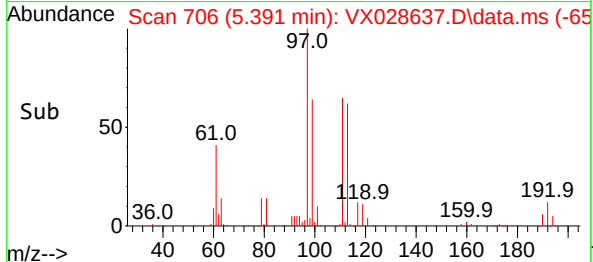
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



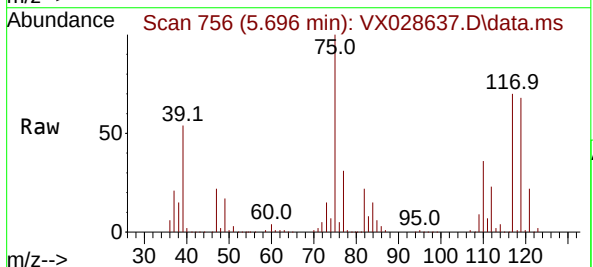
Tgt Ion: 113 Resp: 370984
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.7 16.9 25.3

Manual Integrations
APPROVED

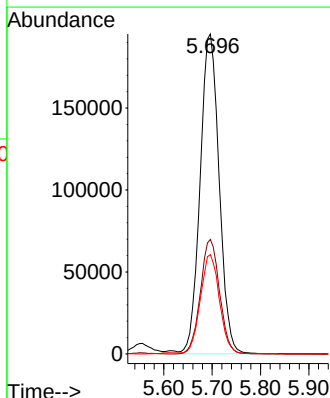
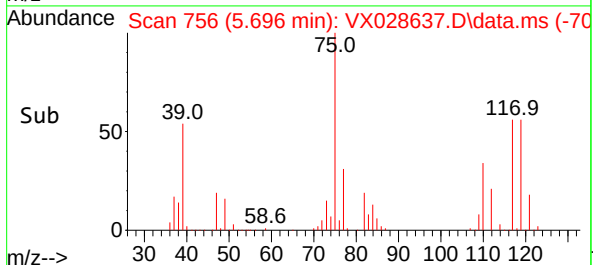
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

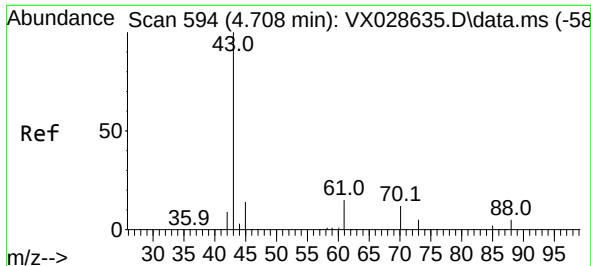


#36
1,1-Dichloropropene
Concen: 152.050 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



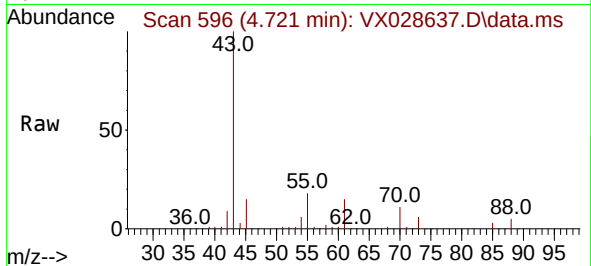
Tgt Ion: 75 Resp: 532501
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 159.993 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

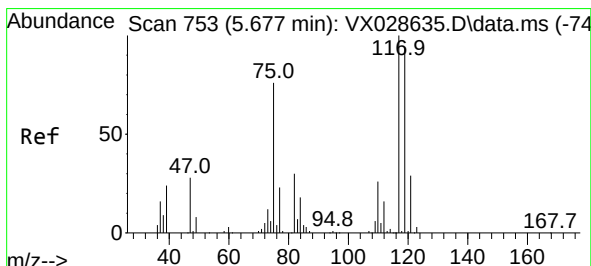
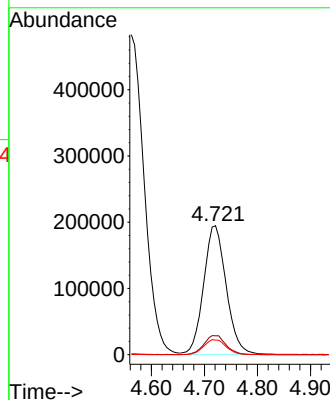
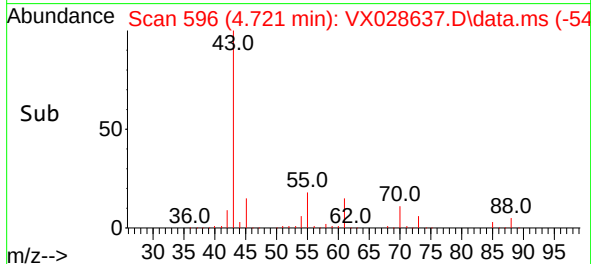
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 57332
Ion Ratio Lower Upper
43 100
61 14.6 12.6 19.0
70 11.7 10.2 15.2

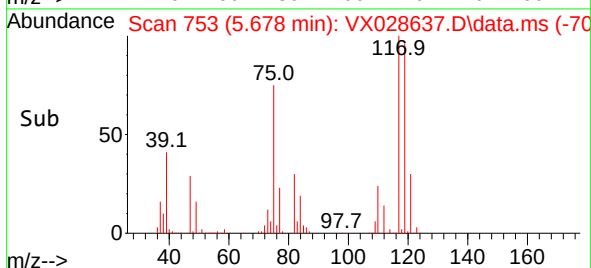
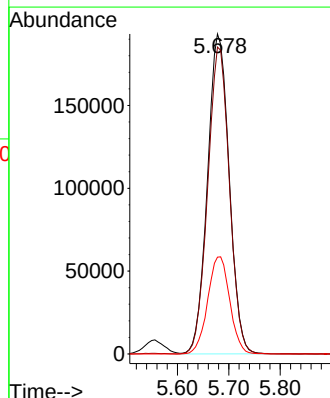
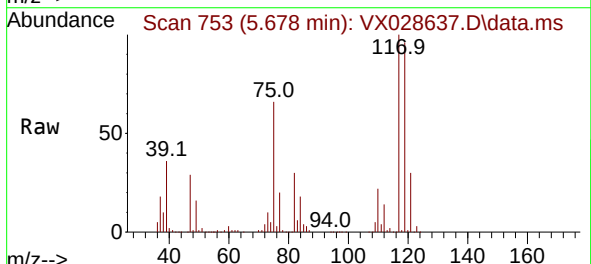
Manual Integrations
APPROVED

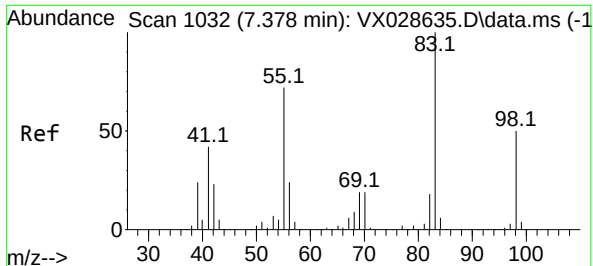
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 146.402 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion:117 Resp: 567470
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 30.2 24.2 36.2





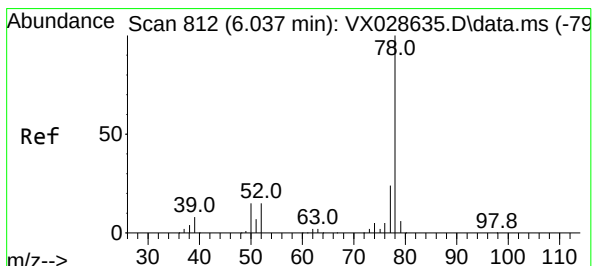
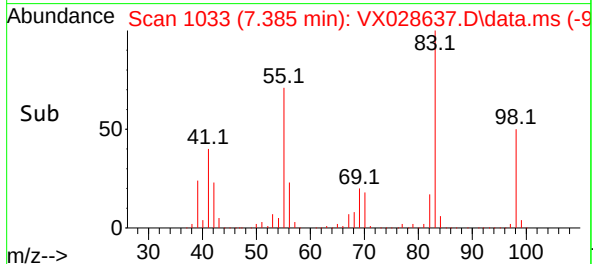
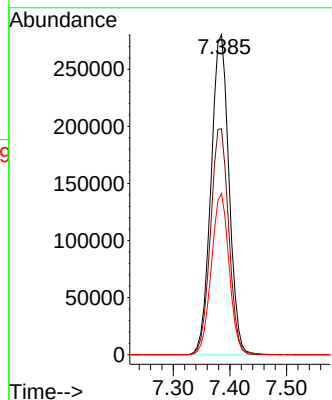
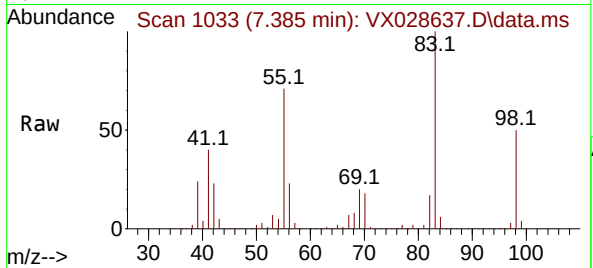
#39
Methylcyclohexane
Concen: 141.854 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 61812
Ion Ratio Lower Upper
83 100
55 70.6 54.6 81.8
98 50.4 37.4 56.2

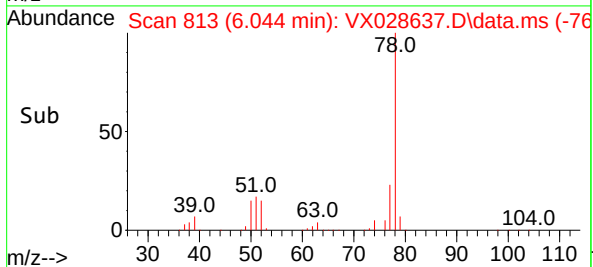
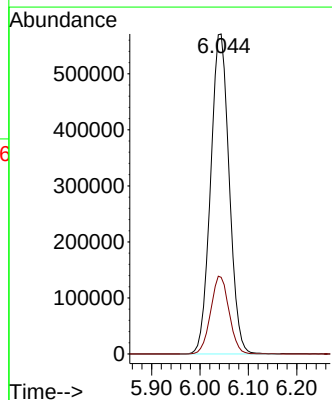
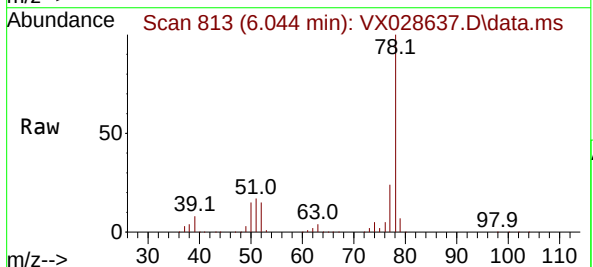
Manual Integrations
APPROVED

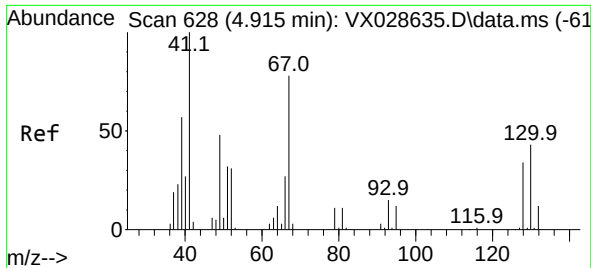
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 149.806 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

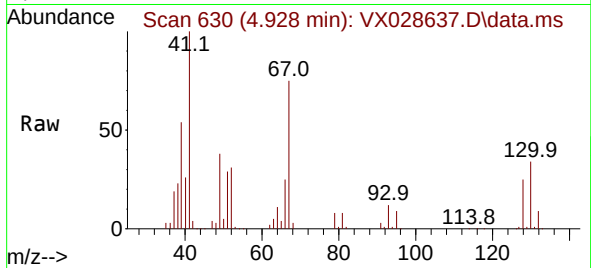
Tgt Ion: 78 Resp: 1523674
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 164.933 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

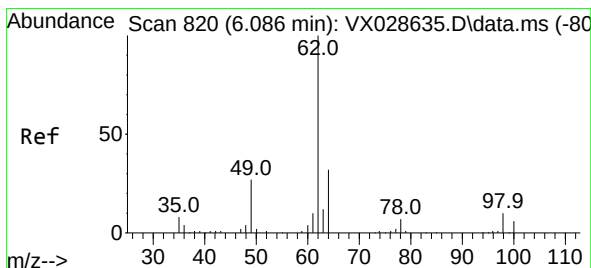
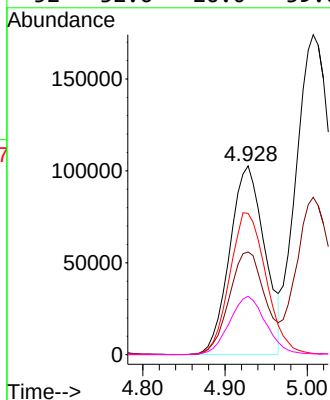
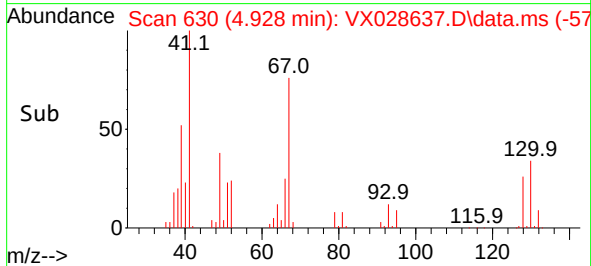
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 304604
Ion Ratio Lower Upper
41 100
39 55.7 43.0 64.4
67 78.6 70.2 105.4
52 32.6 26.0 39.0

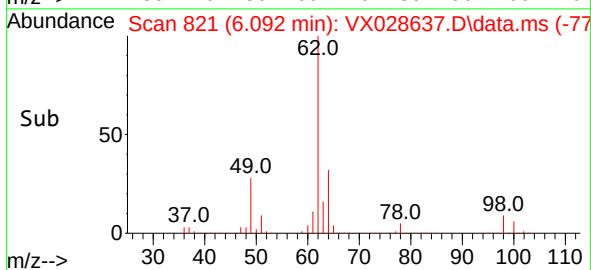
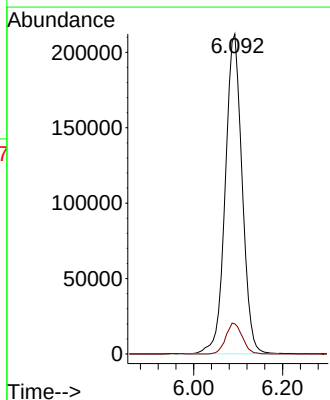
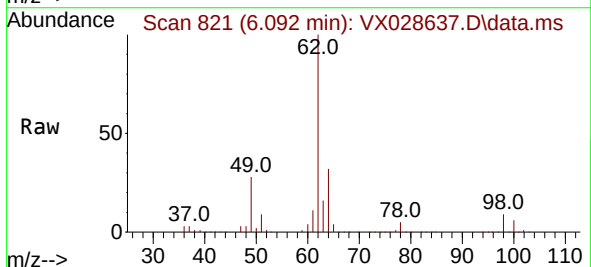
Manual Integrations
APPROVED

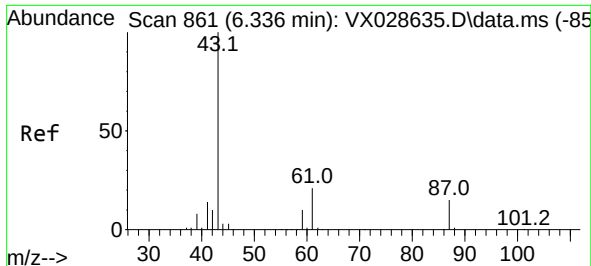
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 147.208 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 62 Resp: 556097
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 162.342 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

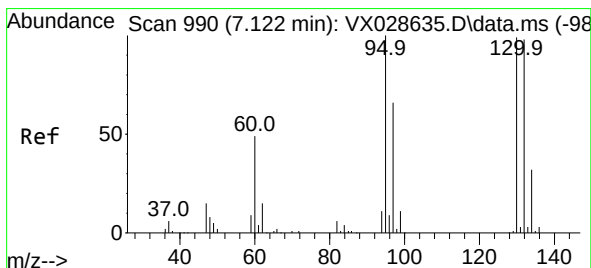
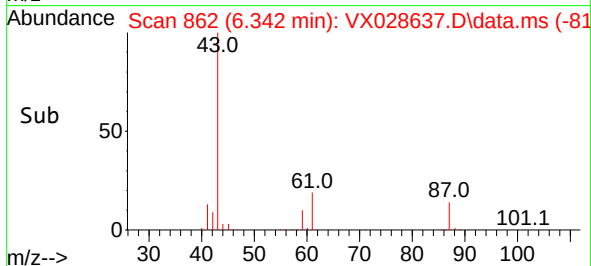
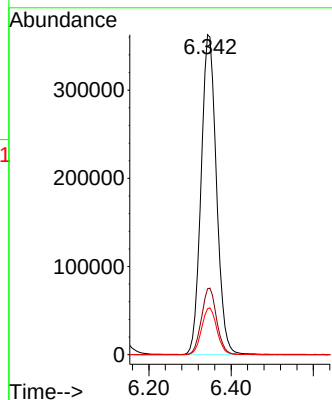
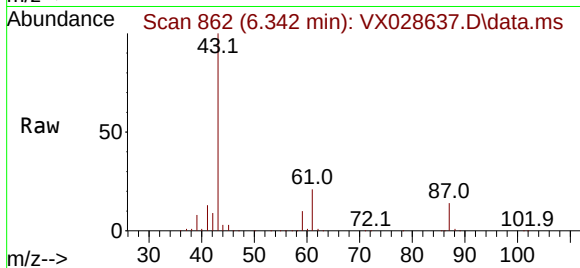
Tgt Ion:	43	Resp:	93949
Ion	Ratio	Lower	Upper
43	100		
61	20.7	18.5	27.7
87	14.6	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 145.304 ug/l

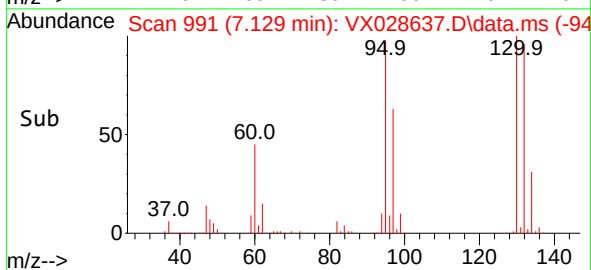
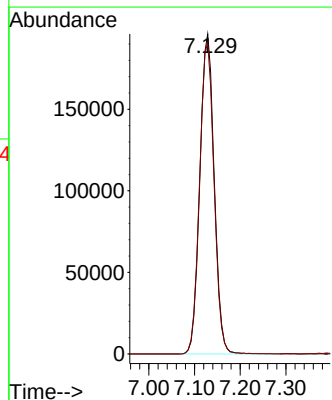
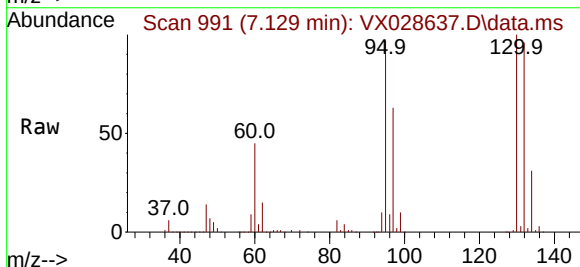
RT: 7.129 min Scan# 991

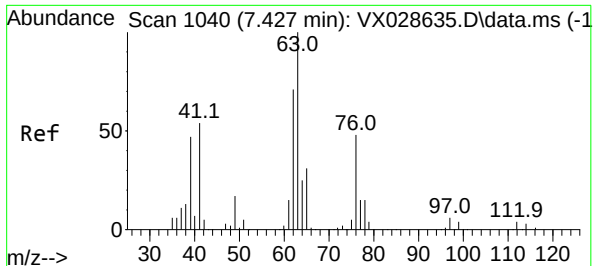
Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Tgt Ion:	130	Resp:	426140
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	188.8





#45

1,2-Dichloropropane

Concen: 153.593 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 384728

Ion Ratio Lower Upper

63 100

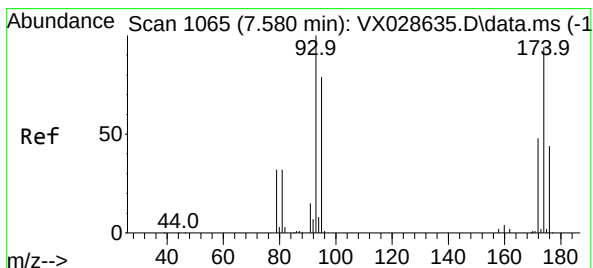
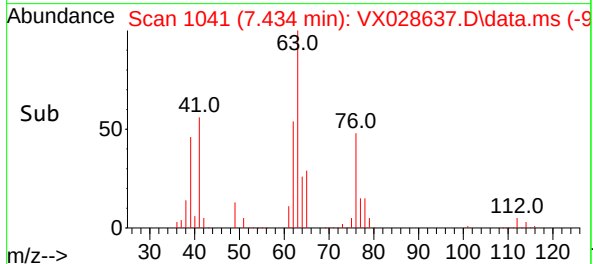
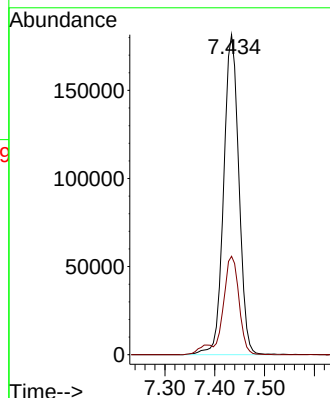
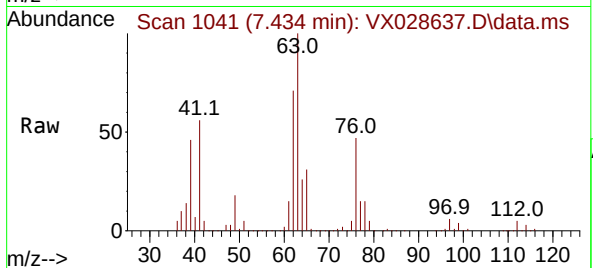
65 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 149.111 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

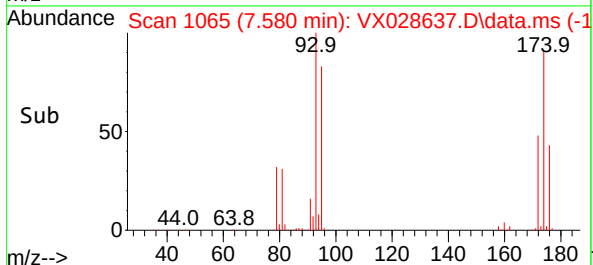
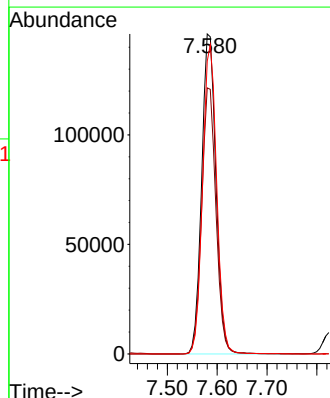
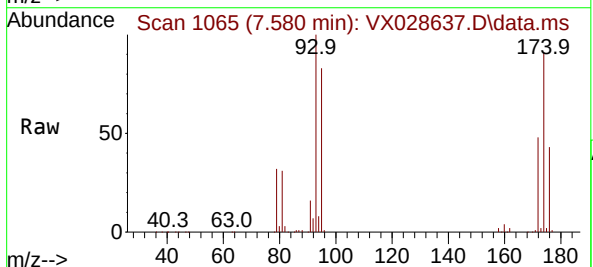
Tgt Ion: 93 Resp: 290837

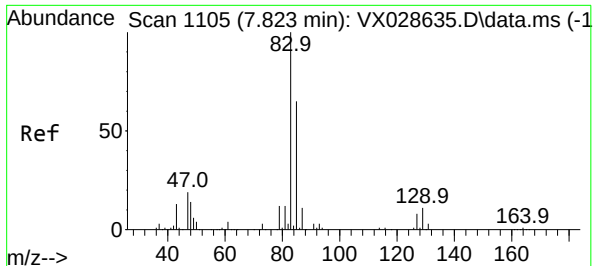
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

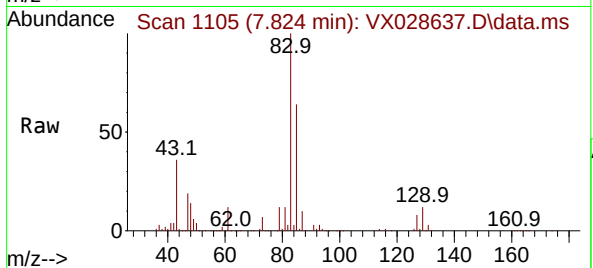
174 95.2 85.4 128.2





#47
Bromodichloromethane
Concen: 151.308 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

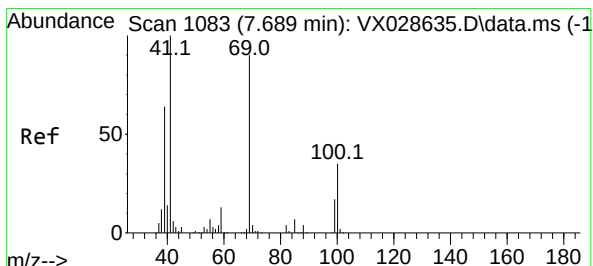
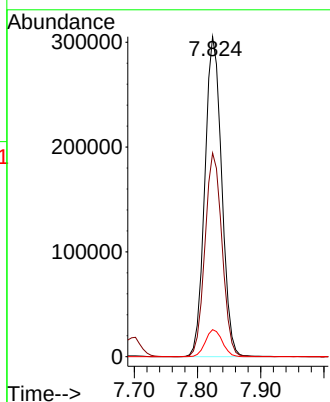
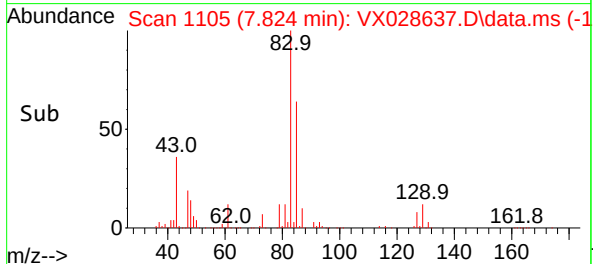
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



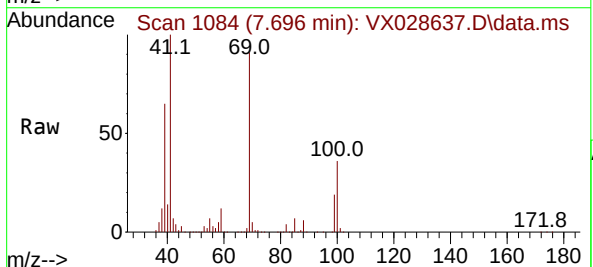
Tgt Ion: 83 Resp: 56485
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2
127 8.4 6.8 10.2

Manual Integrations
APPROVED

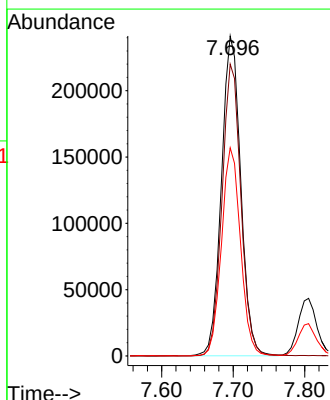
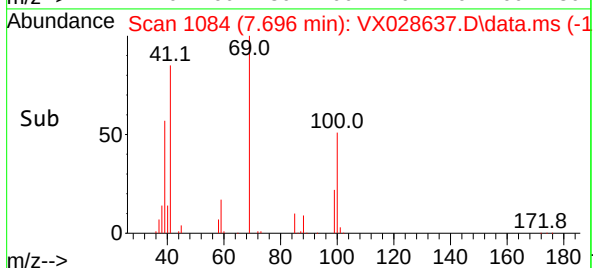
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

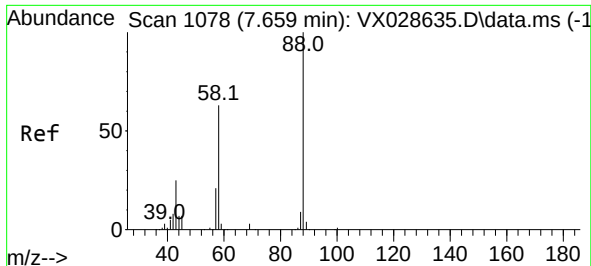


#48
Methyl methacrylate
Concen: 168.403 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion: 41 Resp: 452246
Ion Ratio Lower Upper
41 100
69 89.4 82.5 123.7
39 64.1 43.8 65.8





#49

1,4-Dioxane

Concen: 3019.962 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 211274

Ion Ratio Lower Upper

88 100

43 30.3 21.9 32.9

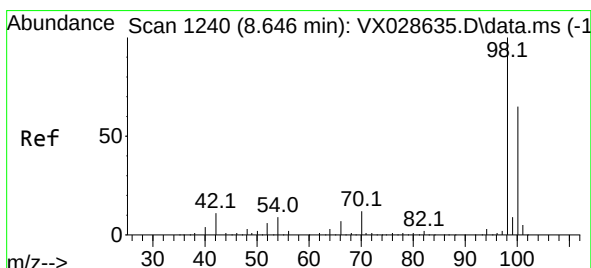
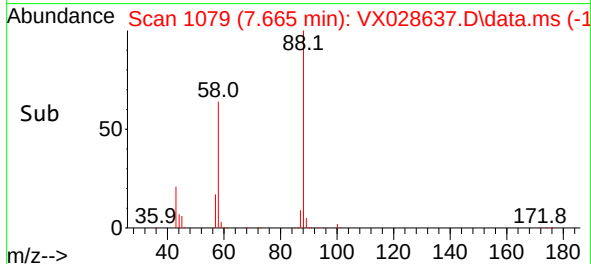
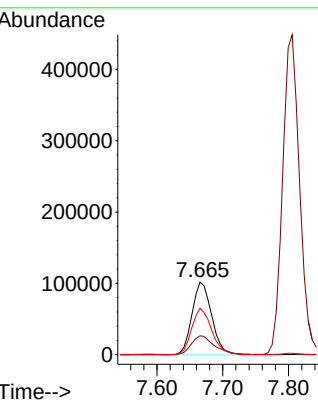
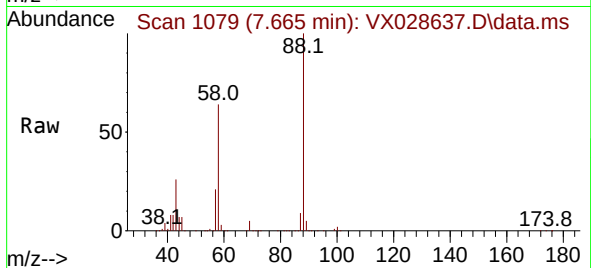
58 65.1 53.7 80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 138.901 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028637.D

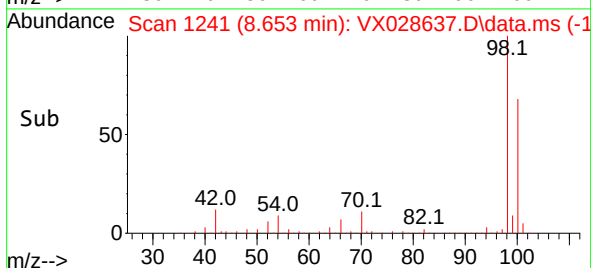
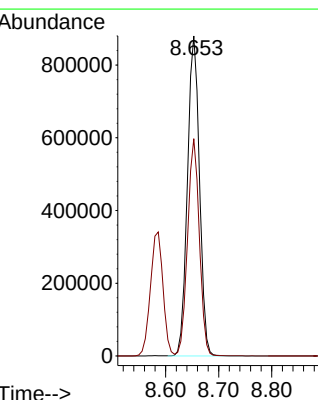
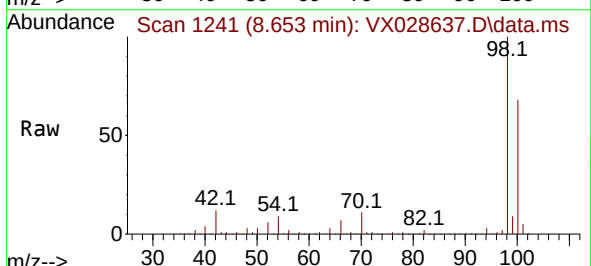
Acq: 12 May 2022 14:26

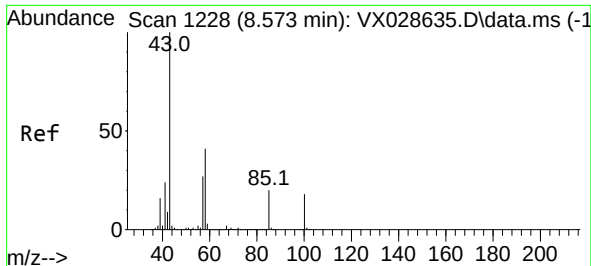
Tgt Ion: 98 Resp: 1387782

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8





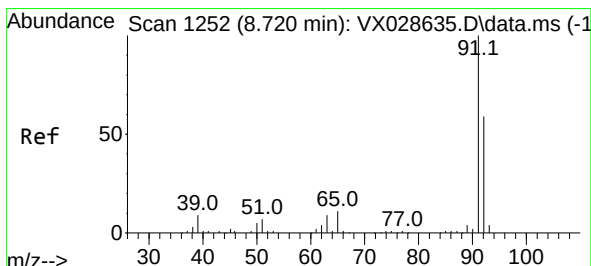
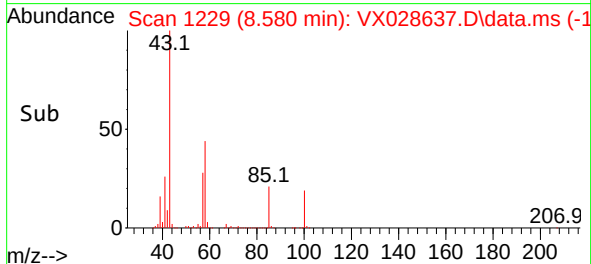
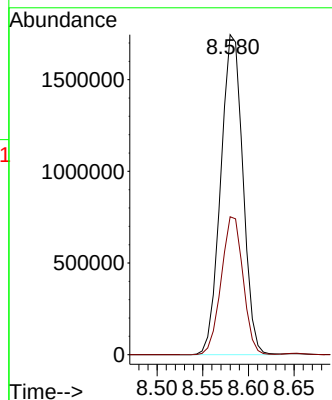
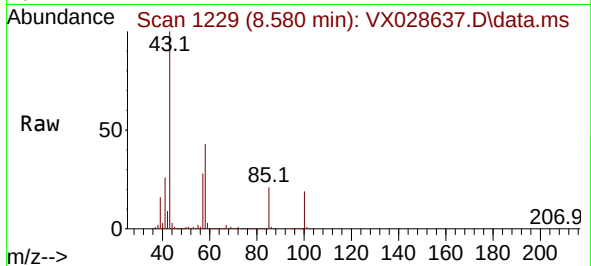
#51
4-Methyl-2-Pentanone
Concen: 792.042 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 294991
Ion Ratio Lower Upper
43 100
58 42.4 36.1 54.1

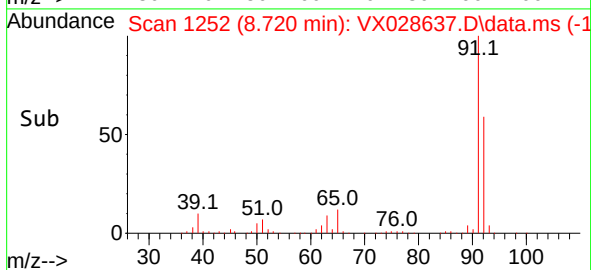
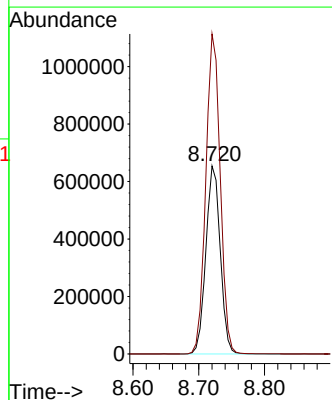
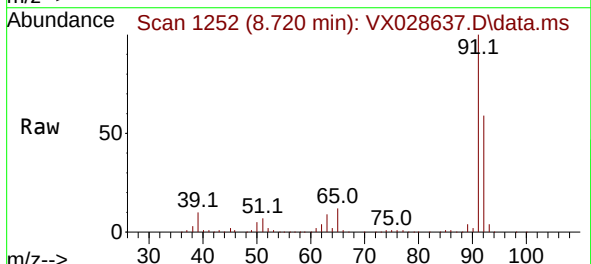
Manual Integrations
APPROVED

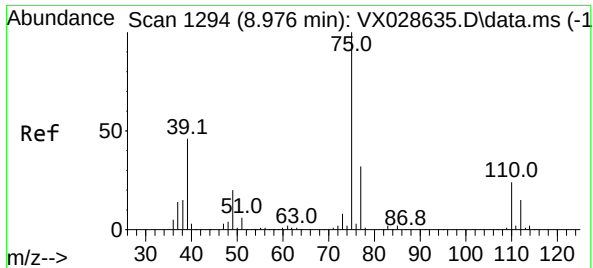
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 142.309 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion: 92 Resp: 996191
Ion Ratio Lower Upper
92 100
91 170.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 162.246 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 63994

Ion Ratio Lower Upper

75 100

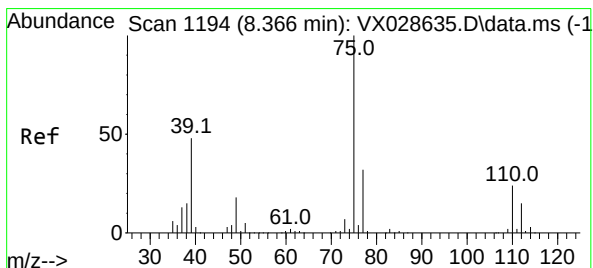
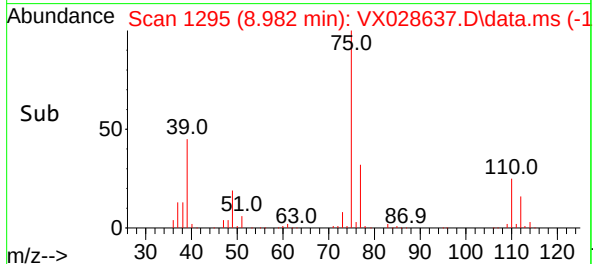
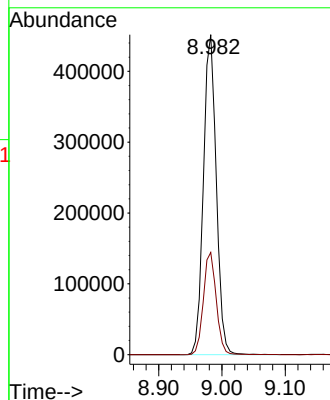
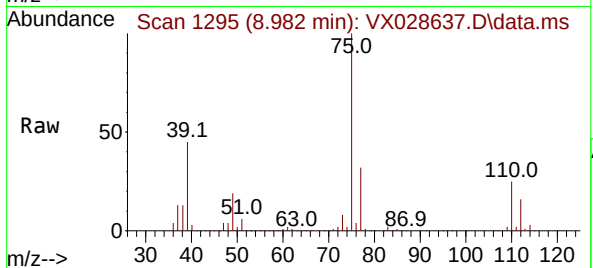
77 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 157.056 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

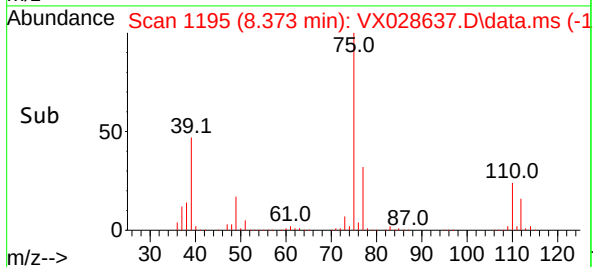
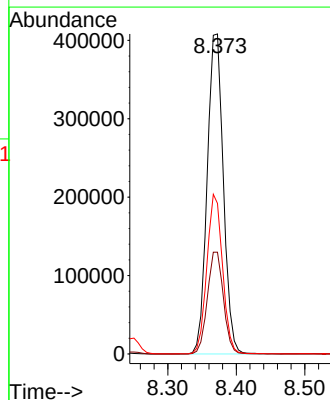
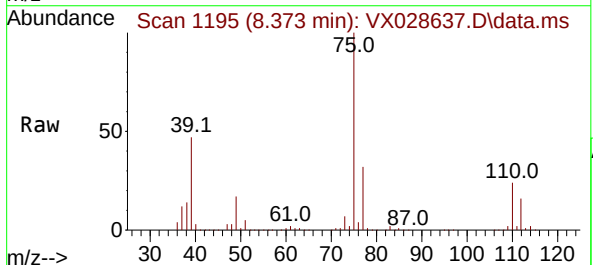
Tgt Ion: 75 Resp: 669616

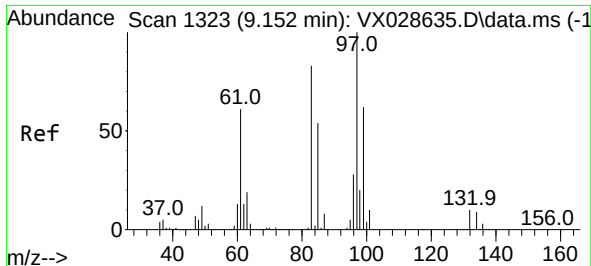
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 47.0 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 144.786 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 412200

Ion Ratio Lower Upper

97 100

83 84.3 66.2 99.4

85 55.1 42.9 64.3

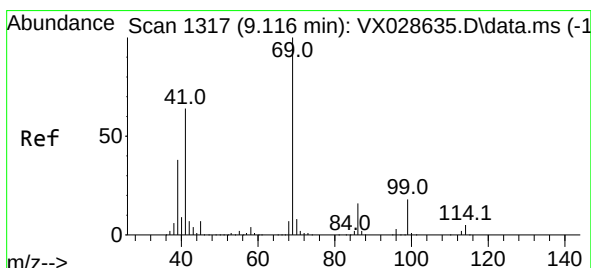
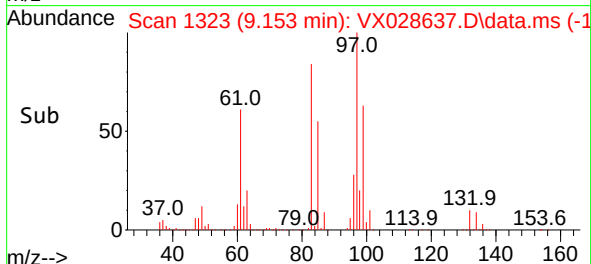
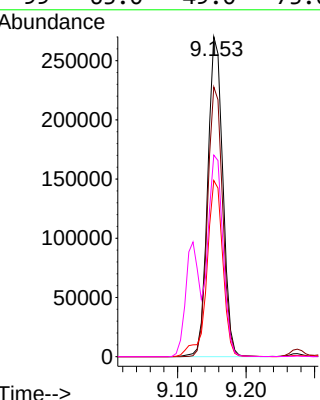
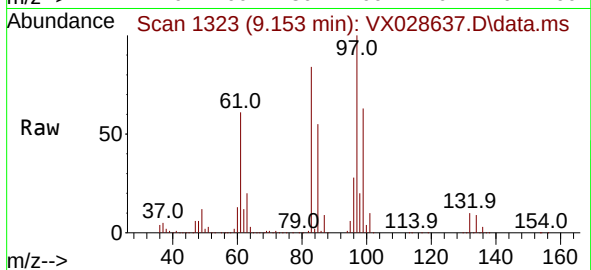
99 63.0 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 164.561 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.007 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

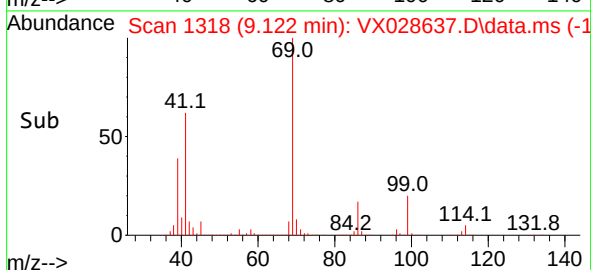
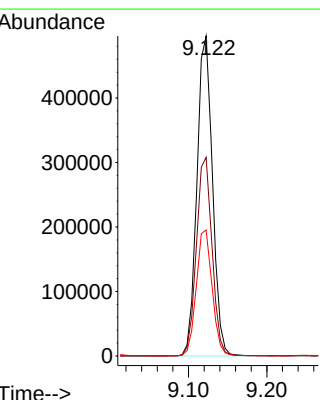
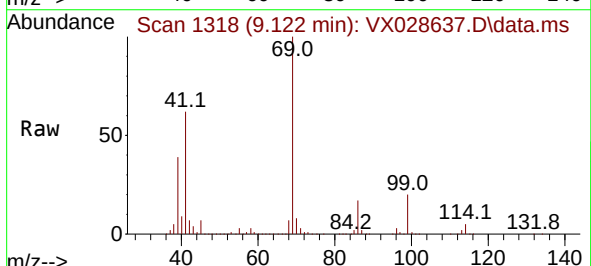
Tgt Ion: 69 Resp: 684148

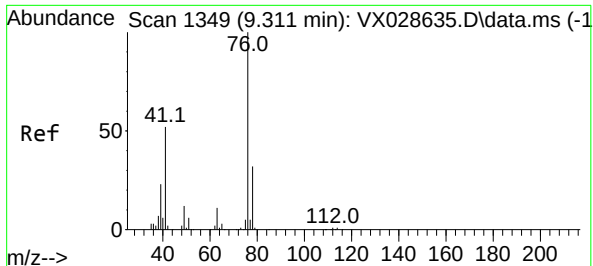
Ion Ratio Lower Upper

69 100

41 62.4 43.8 65.6

39 40.1 22.2 33.2





#57

1,3-Dichloropropane

Concen: 149.479 ug/l

RT: 9.311 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 691334

Ion Ratio Lower Upper

76 100

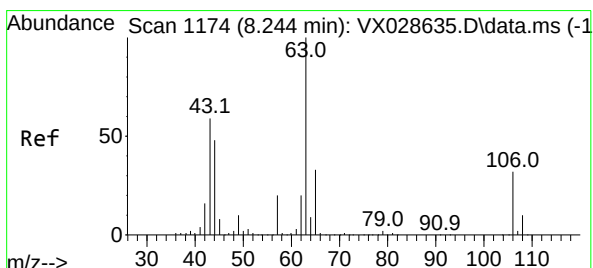
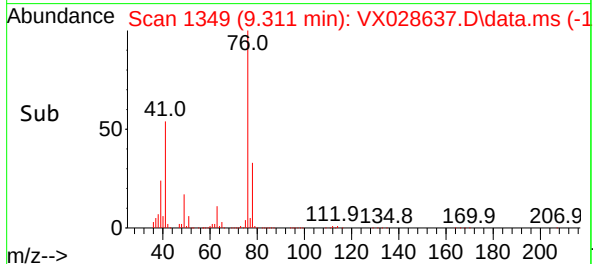
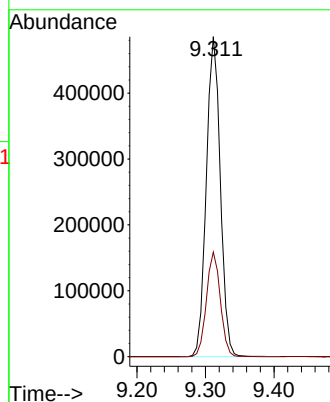
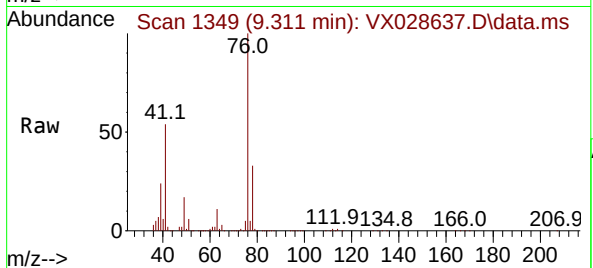
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 825.056 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.007 min

Lab File: VX028637.D

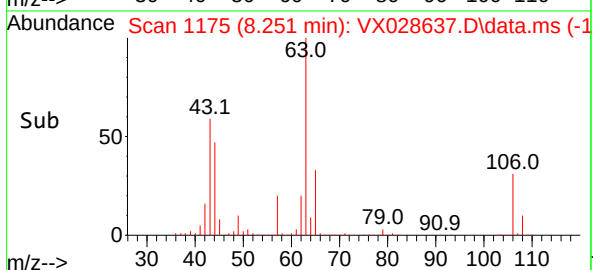
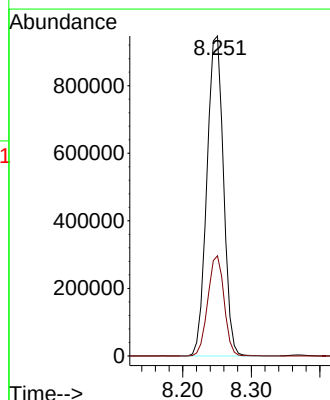
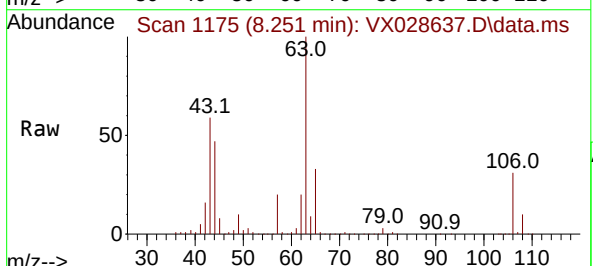
Acq: 12 May 2022 14:26

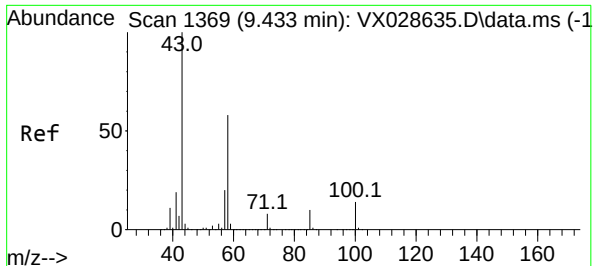
Tgt Ion: 63 Resp: 1595105

Ion Ratio Lower Upper

63 100

106 30.7 23.9 35.9





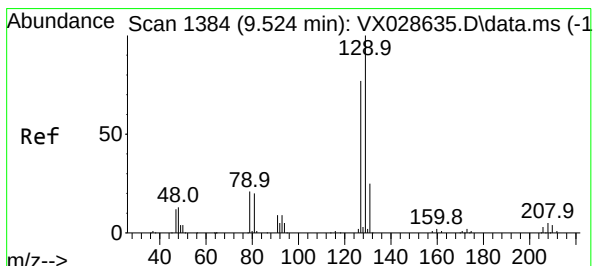
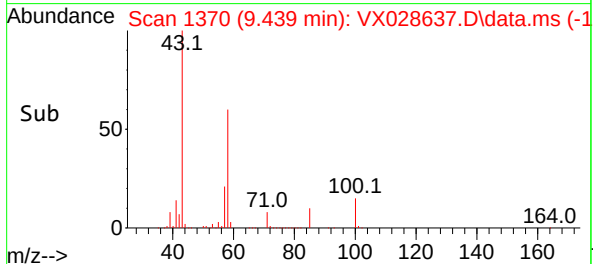
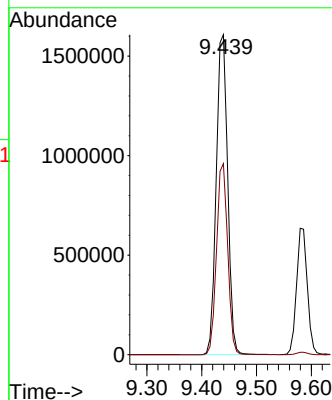
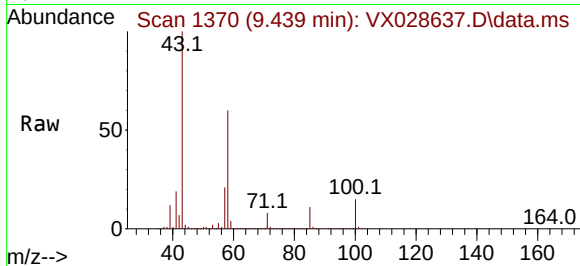
#59
2-Hexanone
Concen: 800.445 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 231388
Ion Ratio Lower Upper
43 100
58 58.4 31.9 95.7

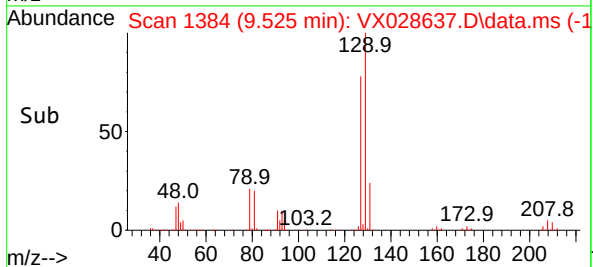
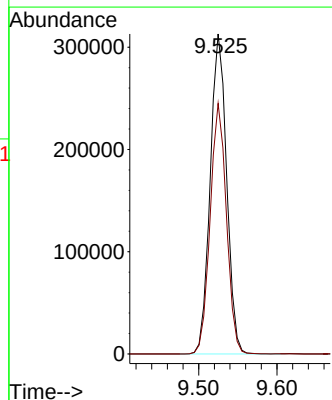
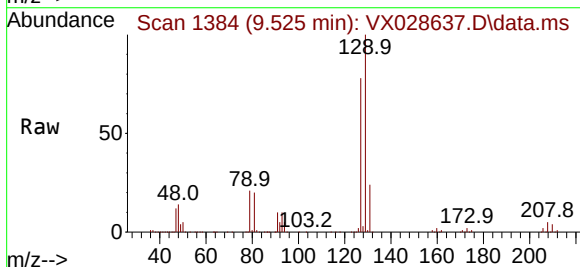
Manual Integrations
APPROVED

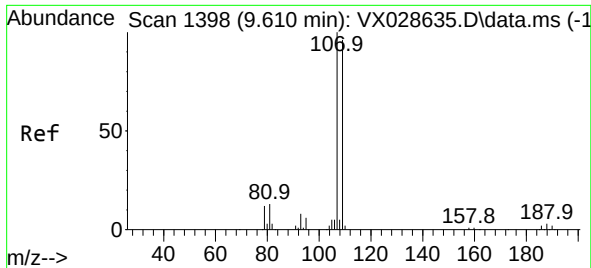
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 149.210 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion:129 Resp: 455172
Ion Ratio Lower Upper
129 100
127 77.5 40.3 120.8





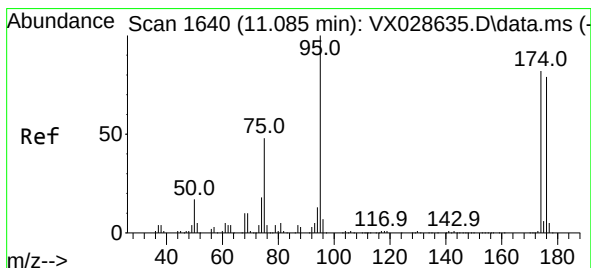
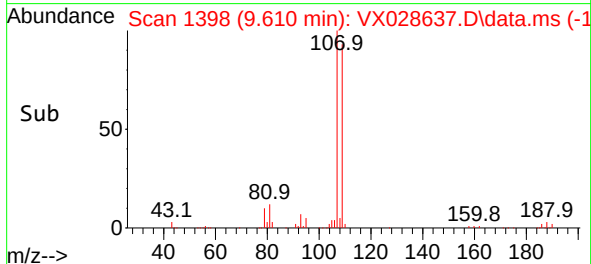
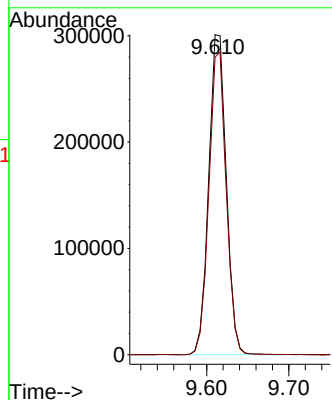
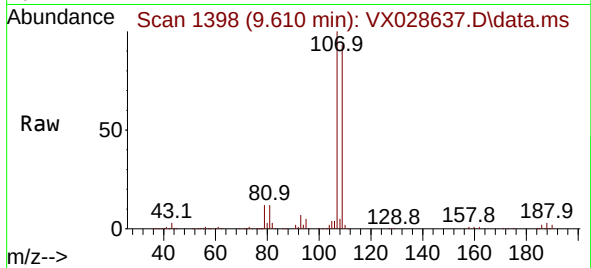
#61
1,2-Dibromoethane
Concen: 144.868 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 447310
Ion Ratio Lower Upper
107 100
109 93.2 74.4 111.6

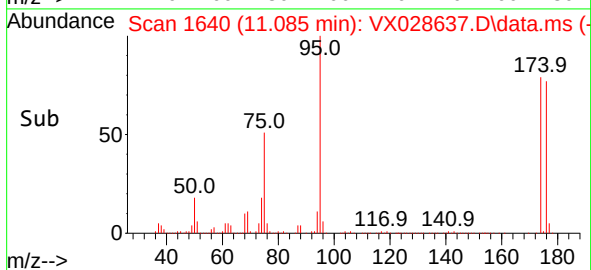
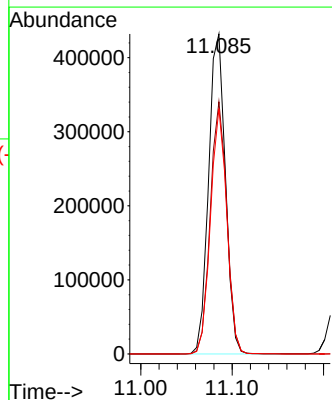
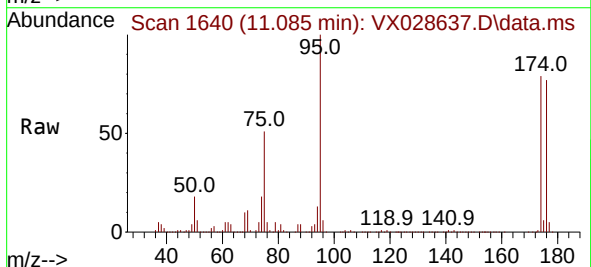
Manual Integrations
APPROVED

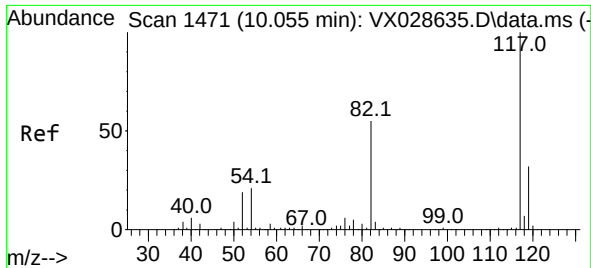
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 144.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

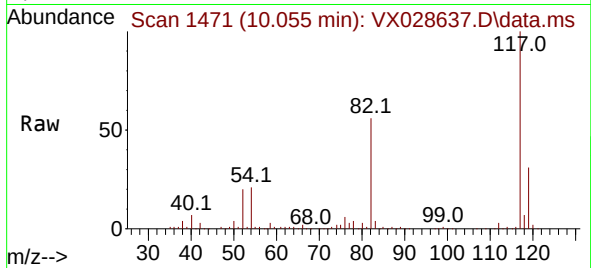
Tgt Ion: 95 Resp: 550514
Ion Ratio Lower Upper
95 100
174 77.7 0.0 163.0
176 74.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

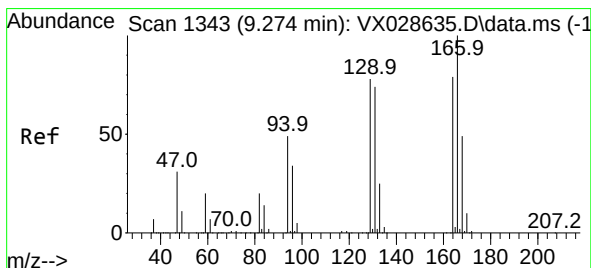
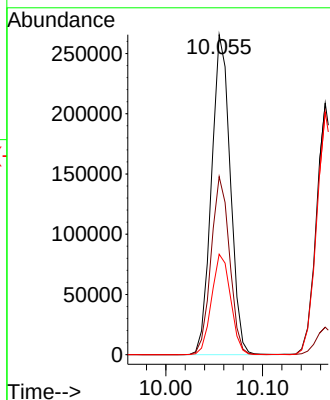
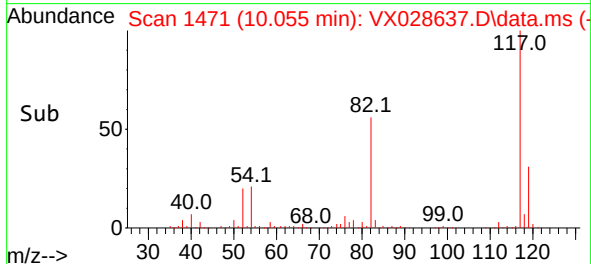
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 357578
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 31.4 24.8 37.2

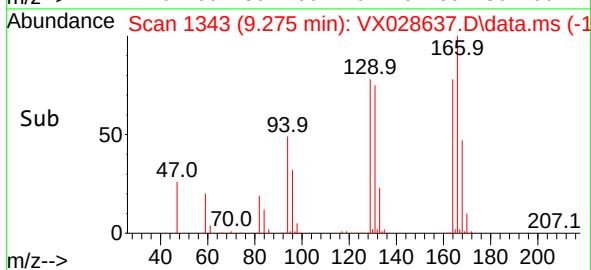
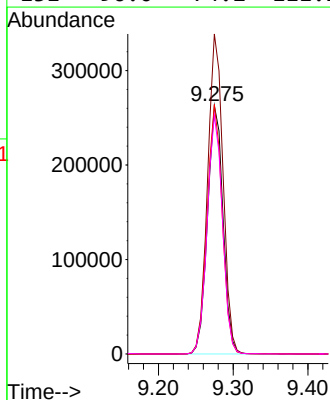
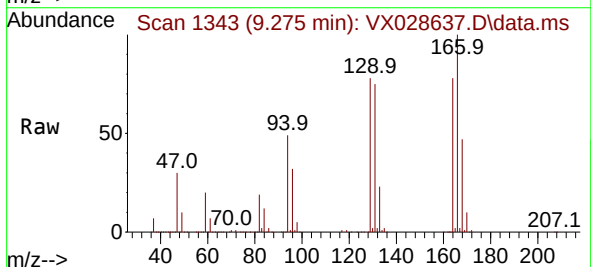
Manual Integrations
APPROVED

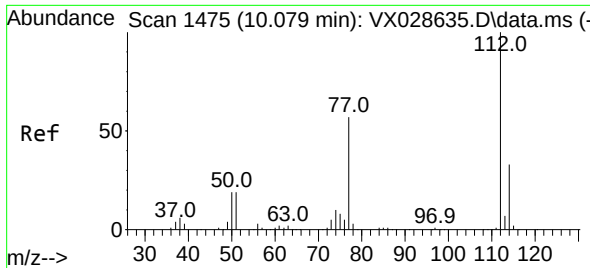
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 133.883 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

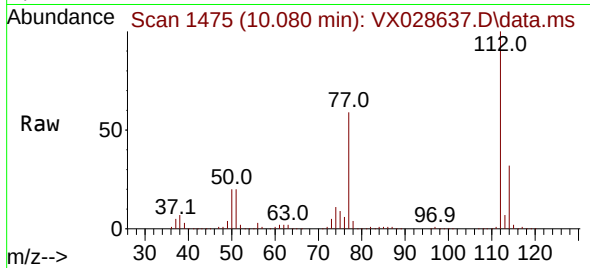
Tgt Ion:164 Resp: 378346
Ion Ratio Lower Upper
164 100
166 128.8 101.2 151.8
129 100.4 73.0 109.4
131 96.0 74.2 111.2





#65
Chlorobenzene
Concen: 142.914 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

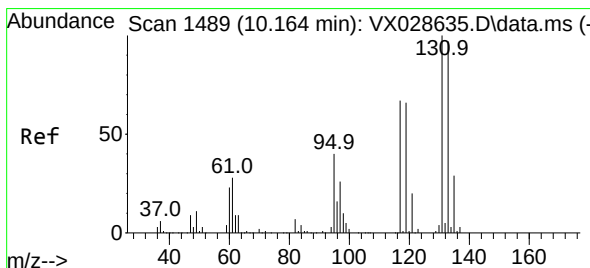
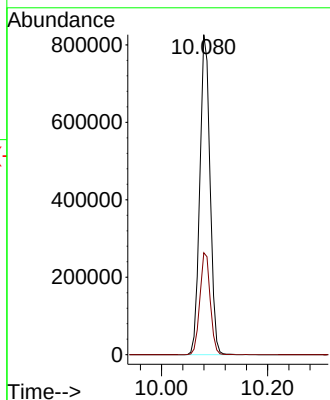
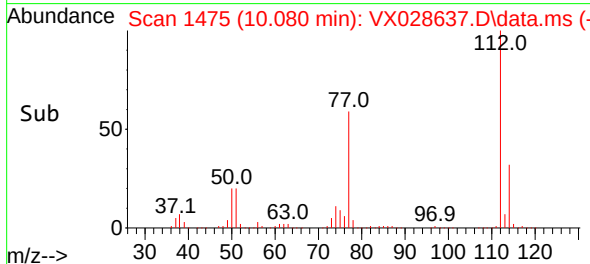
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 1100130
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

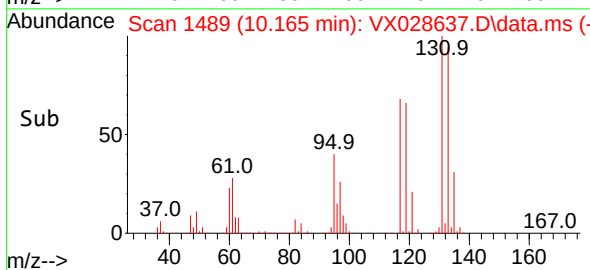
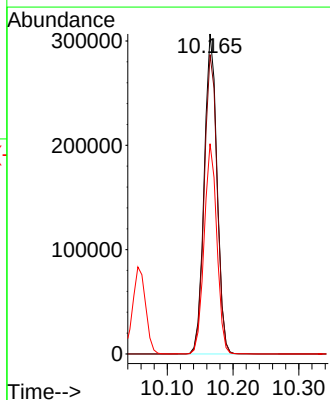
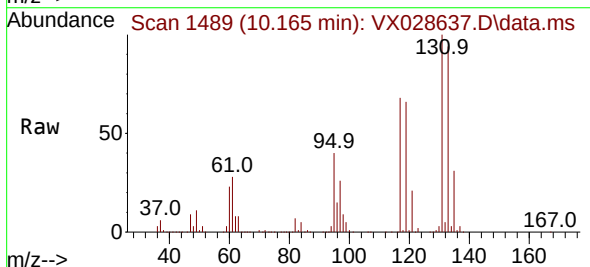
Manual Integrations
APPROVED

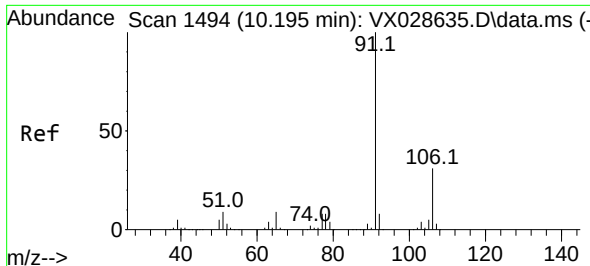
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 145.977 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion:131 Resp: 415533
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.8
119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 150.974 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1967600

Ion Ratio Lower Upper

91 100

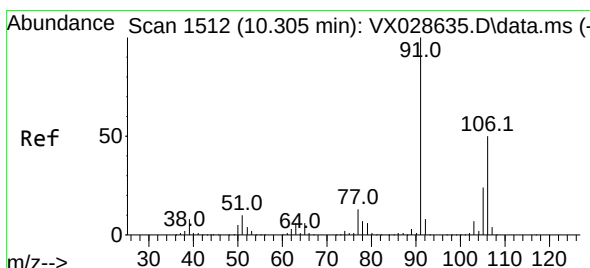
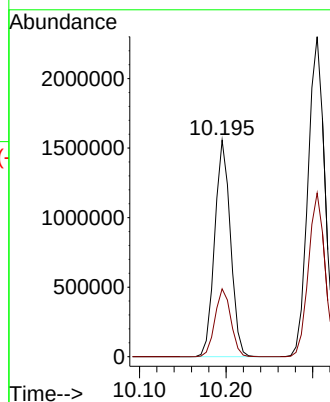
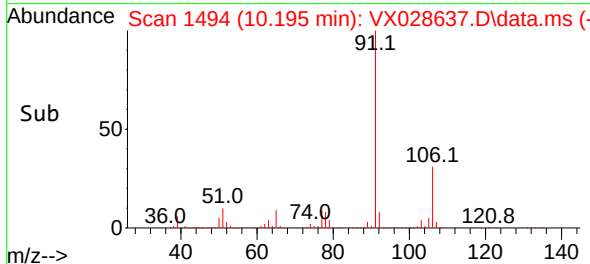
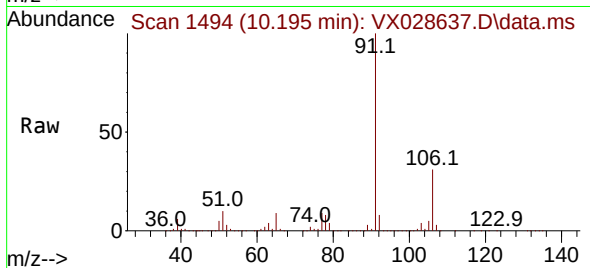
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#68

m/p-Xylenes

Concen: 294.702 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028637.D

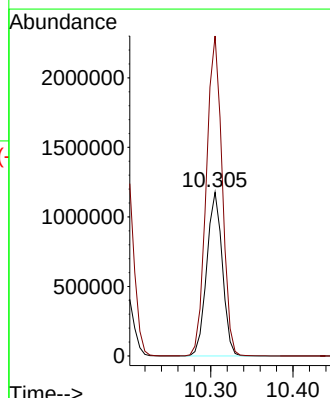
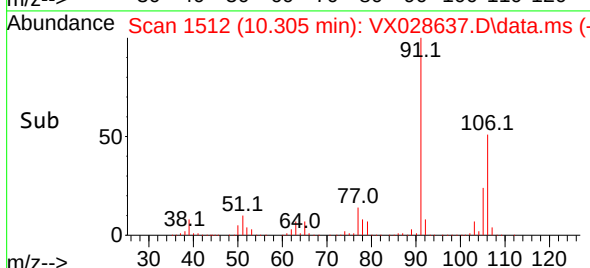
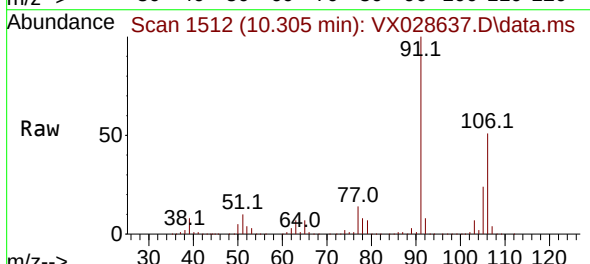
Acq: 12 May 2022 14:26

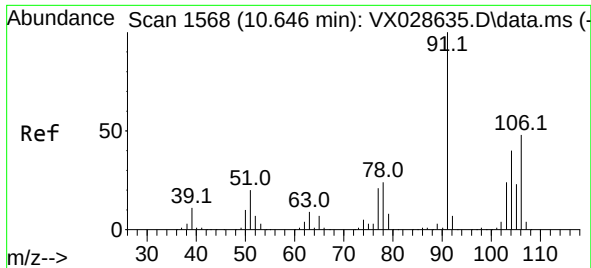
Tgt Ion:106 Resp: 1549289

Ion Ratio Lower Upper

106 100

91 198.8 160.4 240.6





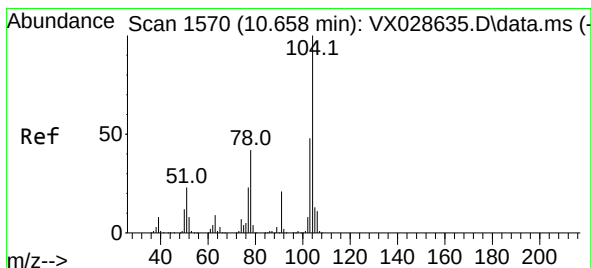
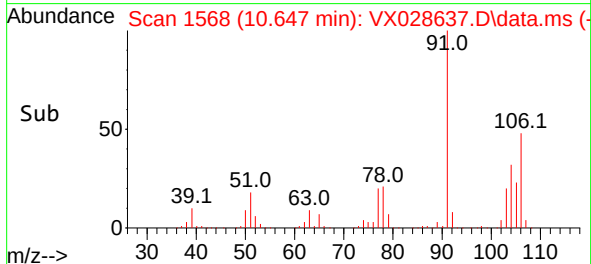
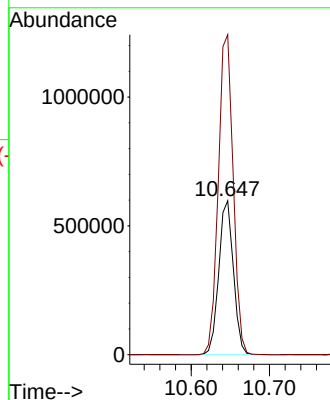
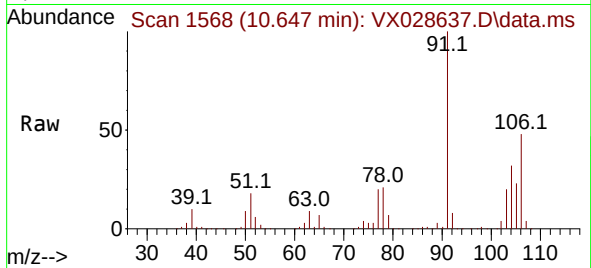
#69
o-Xylene
Concen: 148.431 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 77596
Ion Ratio Lower Upper
106 100
91 211.7 106.1 318.1

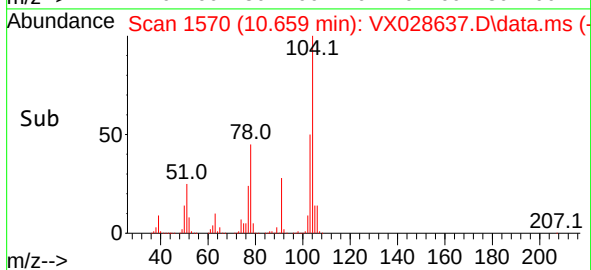
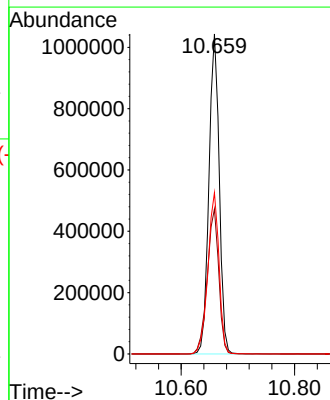
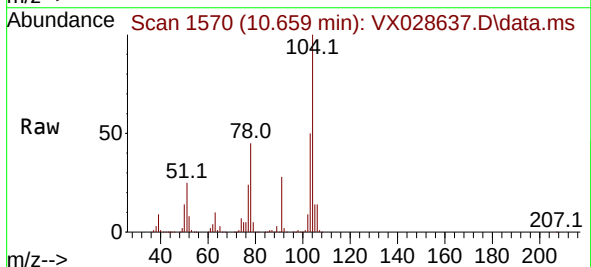
Manual Integrations
APPROVED

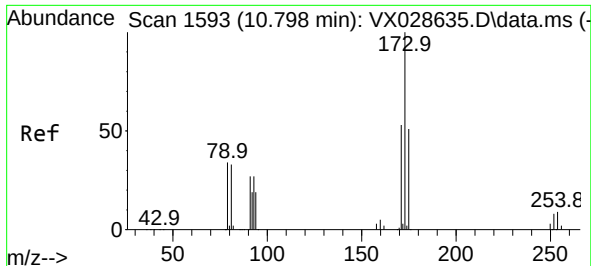
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 155.097 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

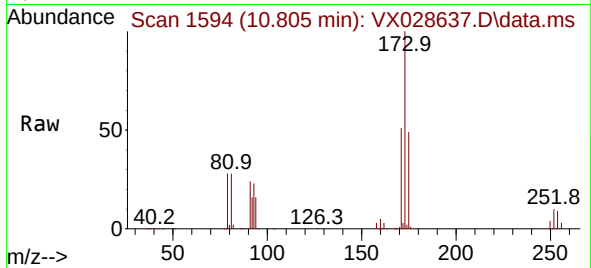
Tgt Ion:104 Resp: 1319812
Ion Ratio Lower Upper
104 100
78 50.7 38.6 57.8
103 54.7 43.8 65.8





#71
Bromoform
Concen: 152.640 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

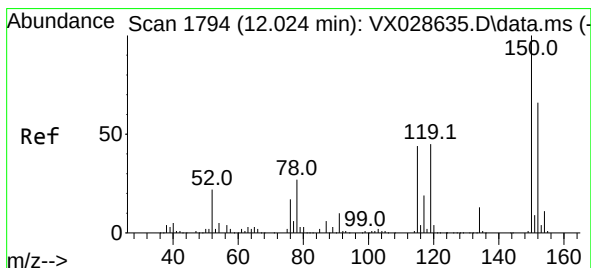
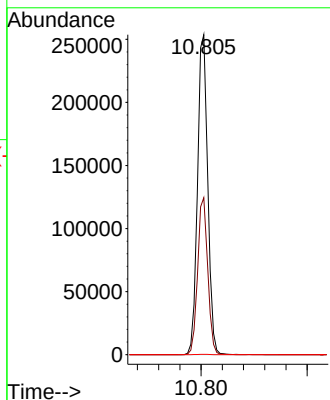
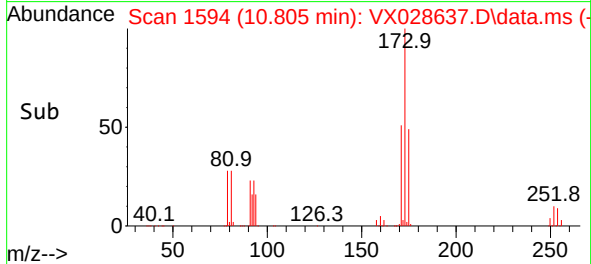
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 33841
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.1 0.1 0.1

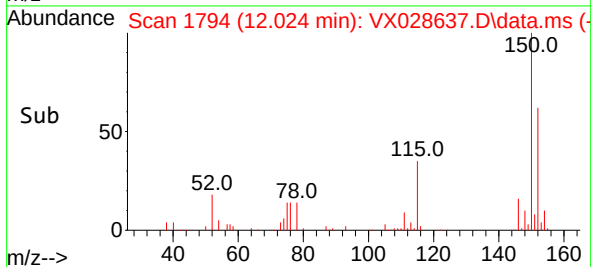
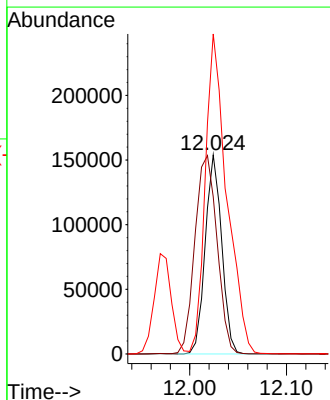
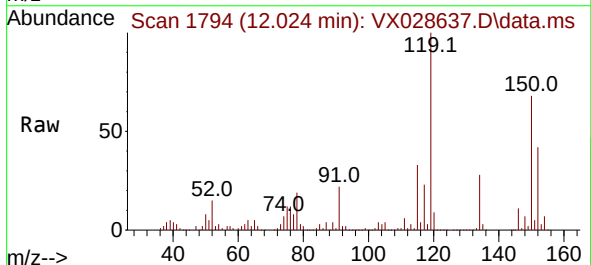
Manual Integrations
APPROVED

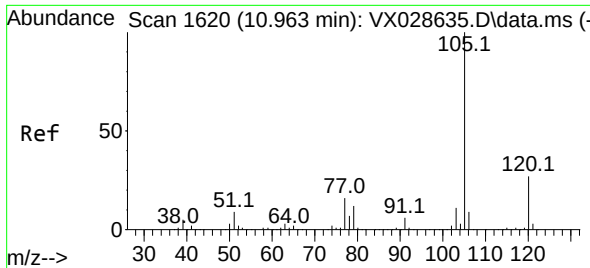
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

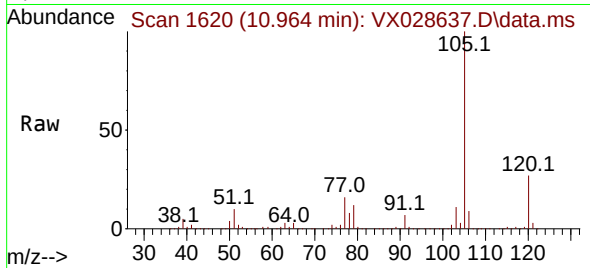
Tgt Ion:152 Resp: 182788
Ion Ratio Lower Upper
152 100
115 133.9 37.5 112.7#
150 209.4 0.0 338.2





#73
Isopropylbenzene
Concen: 152.968 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

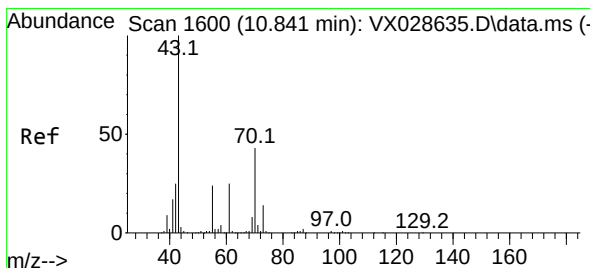
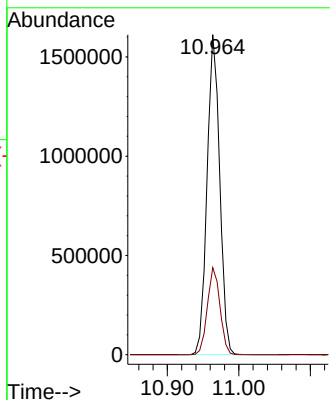
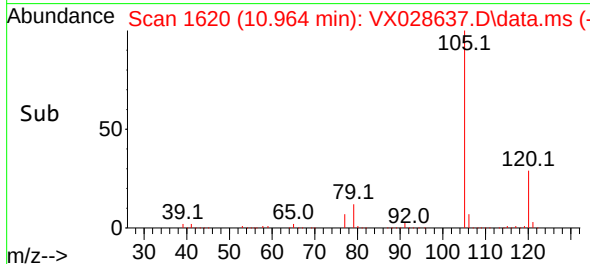
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



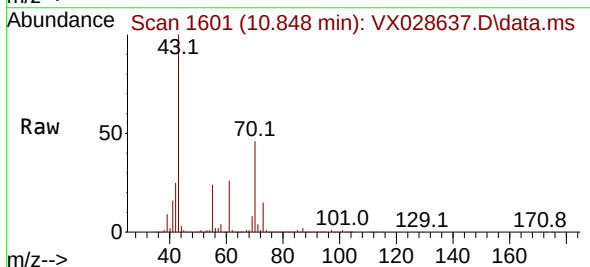
Tgt Ion: 105 Resp: 197589
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

Manual Integrations
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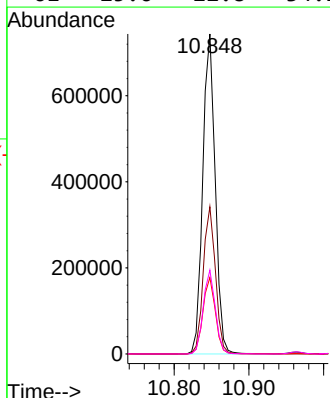
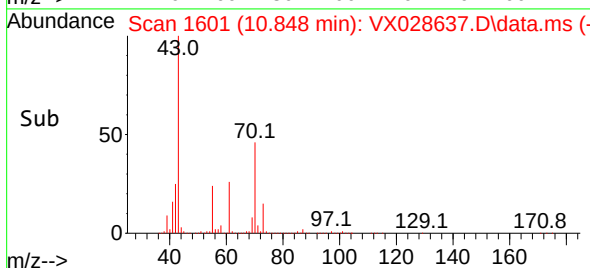
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

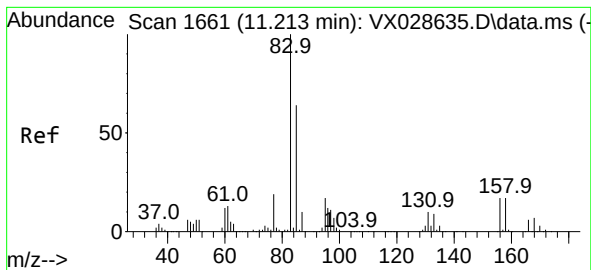


#74
N-ethyl acetate
Concen: 186.575 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion: 43 Resp: 859975
Ion Ratio Lower Upper
43 100
70 45.4 42.5 63.7
55 23.9 23.1 34.7
61 25.6 22.8 34.2





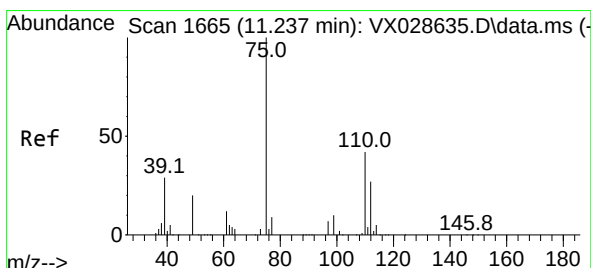
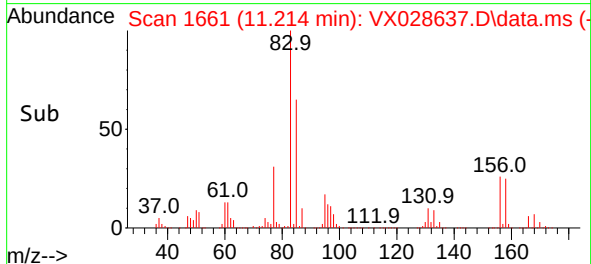
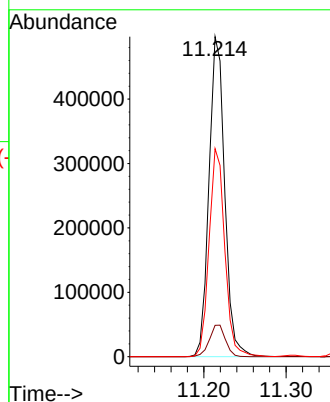
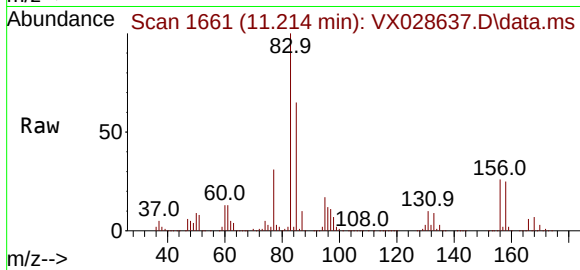
#75
1,1,2,2-Tetrachloroethane
Concen: 156.674 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 659494
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 65.0 32.6 97.7

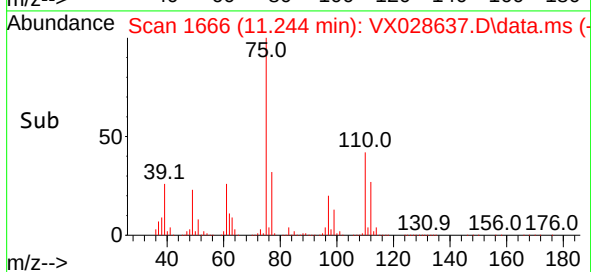
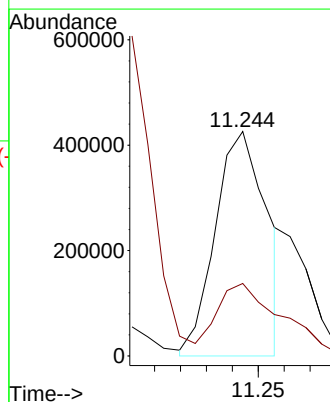
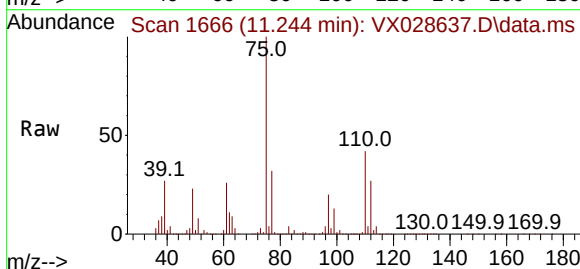
Manual Integrations
APPROVED

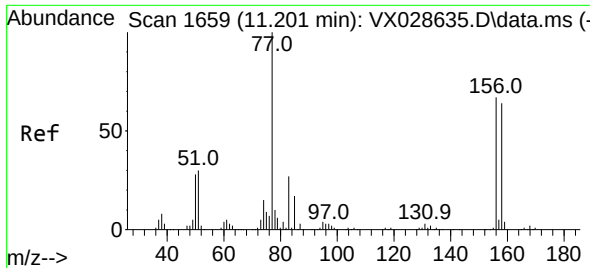
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#76
1,2,3-Trichloropropane
Concen: 158.280 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

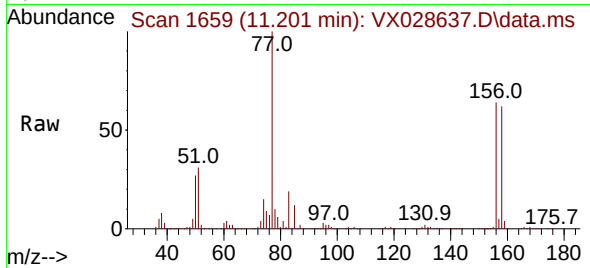
Tgt Ion: 75 Resp: 590203
Ion Ratio Lower Upper
75 100
77 40.9 19.4 58.2





#77
Bromobenzene
Concen: 146.085 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

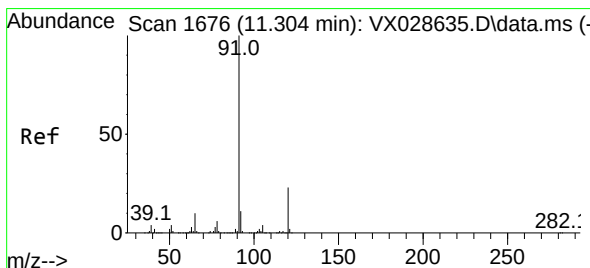
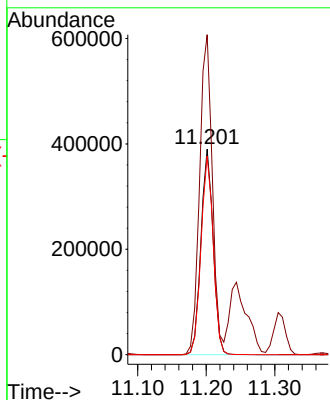
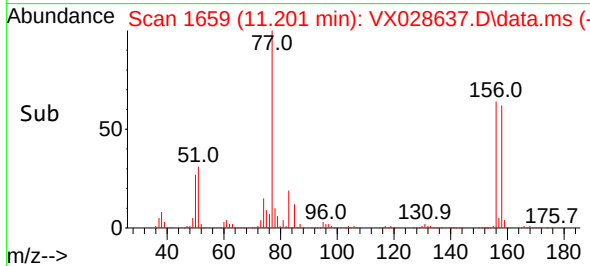
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



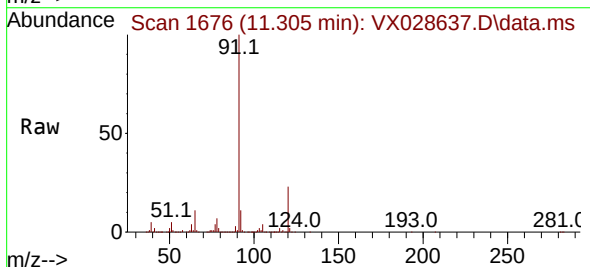
Tgt Ion:156 Resp: 484875
Ion Ratio Lower Upper
156 100
77 162.2 78.5 235.3
158 96.8 50.2 150.7

Manual Integrations
APPROVED

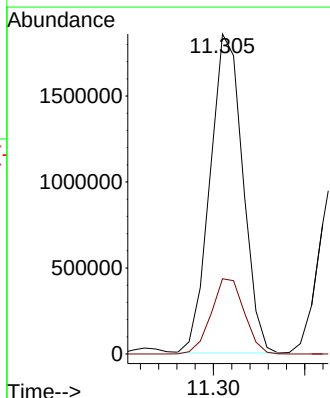
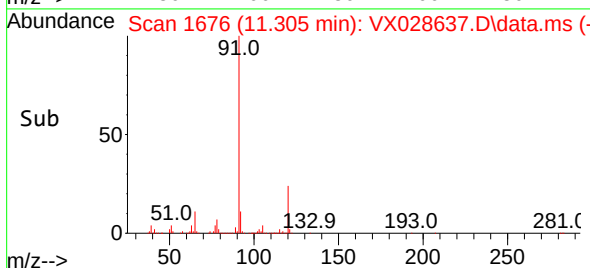
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

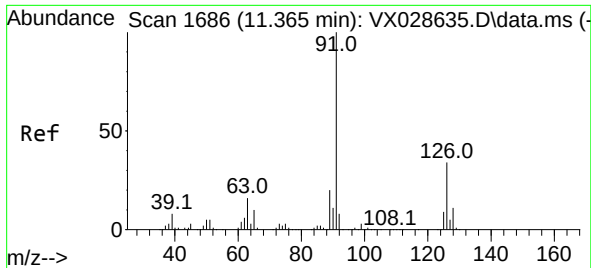


#78
n-propylbenzene
Concen: 160.349 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion: 91 Resp: 2311060
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





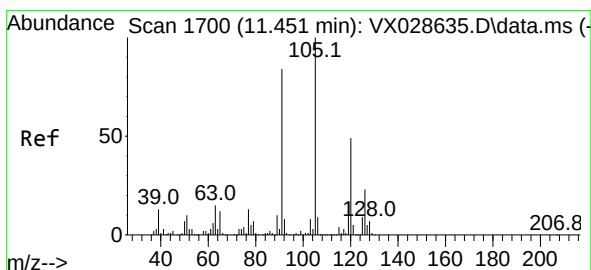
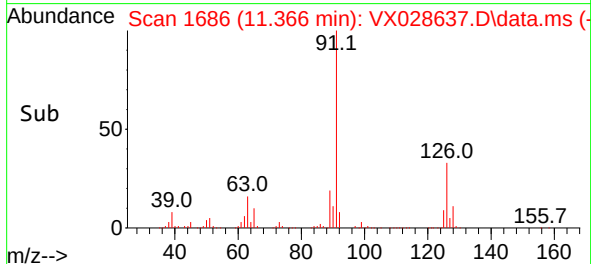
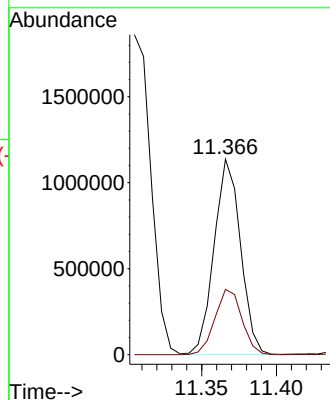
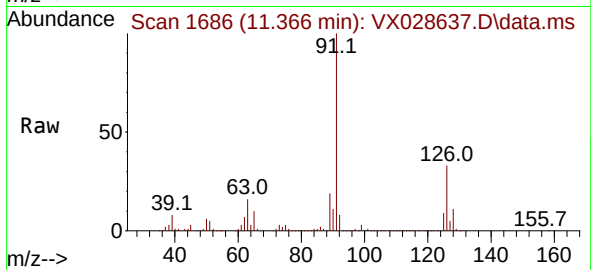
#79
2-Chlorotoluene
Concen: 156.291 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 139412
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

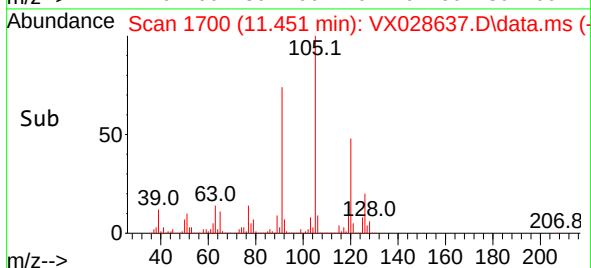
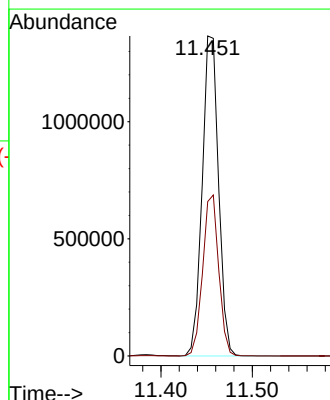
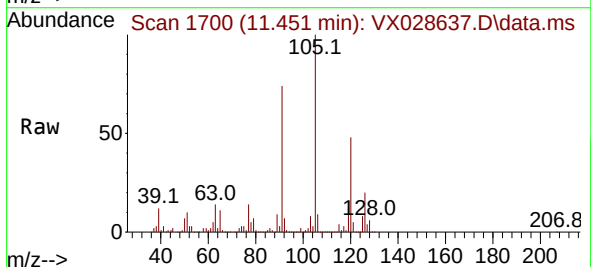
Manual Integrations
APPROVED

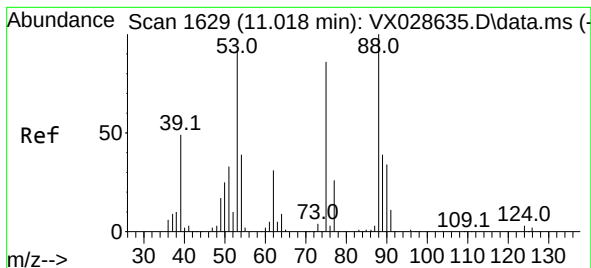
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 155.941 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

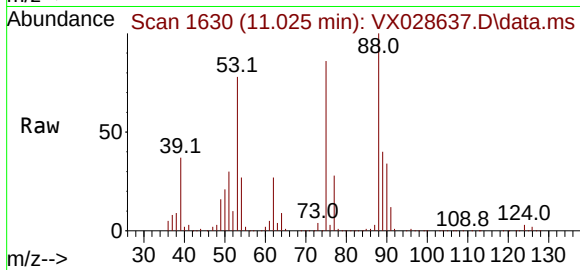
Tgt Ion:105 Resp: 1701237
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 181.493 ug/l
RT: 11.025 min Scan# 1629
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

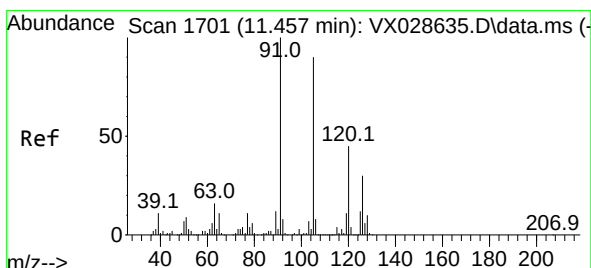
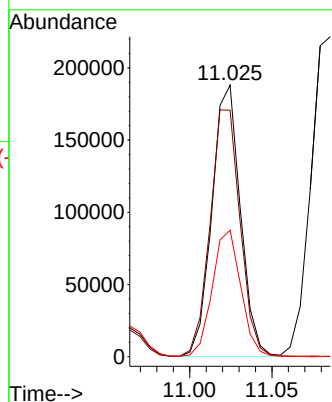
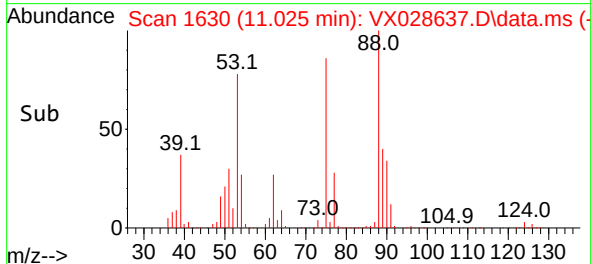
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 225768
Ion Ratio Lower Upper
75 100
53 96.1 69.0 103.4
89 46.9 37.0 55.6

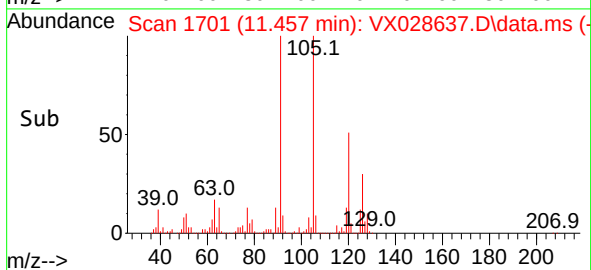
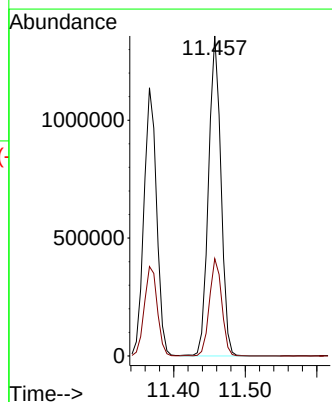
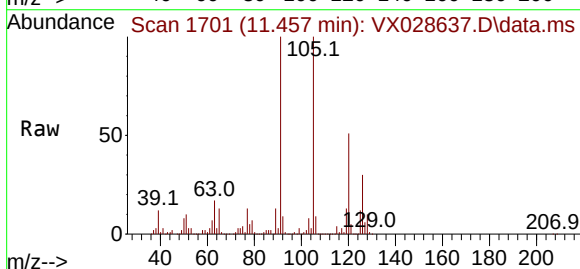
Manual Integrations
APPROVED

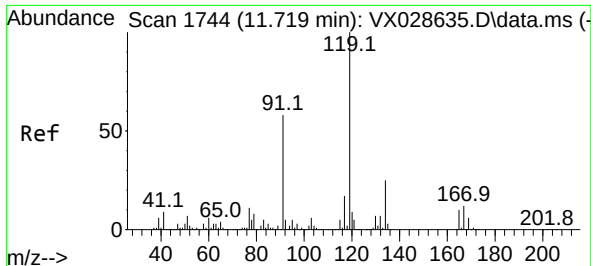
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 158.876 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

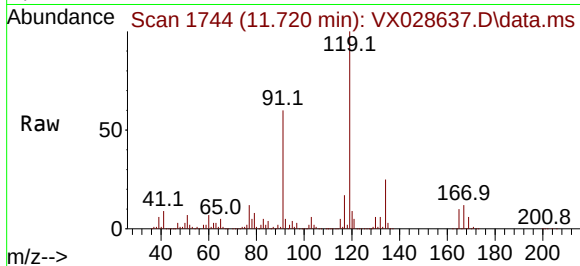
Tgt Ion: 91 Resp: 1634569
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 149.185 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

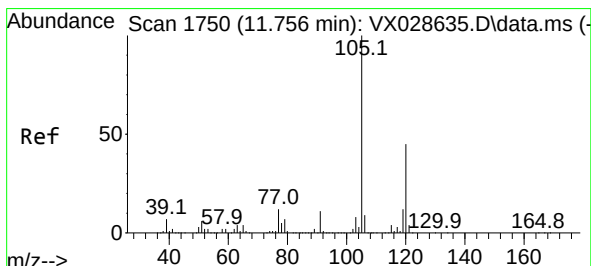
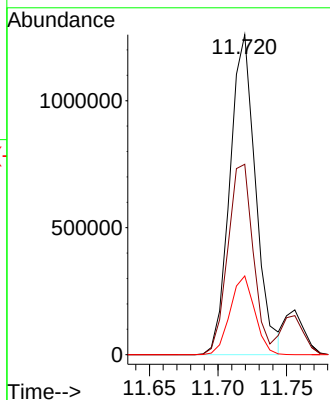
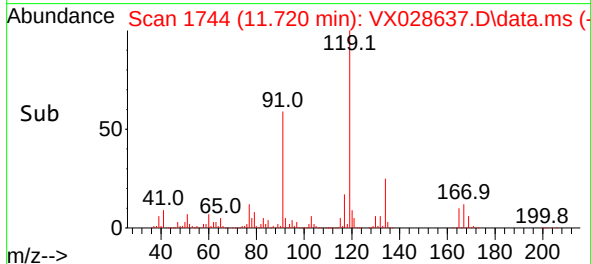
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



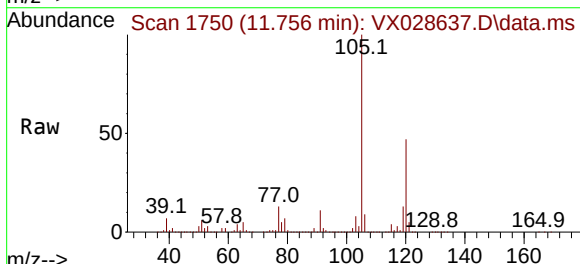
Tgt Ion:119 Resp: 164751
Ion Ratio Lower Upper
119 100
91 58.8 26.9 80.6
134 23.6 11.4 34.2

Manual Integrations
APPROVED

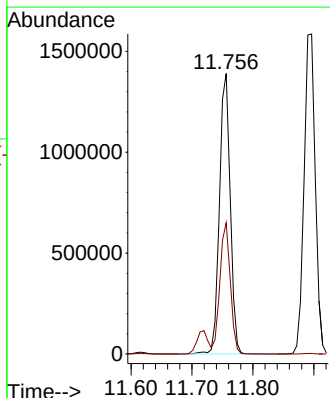
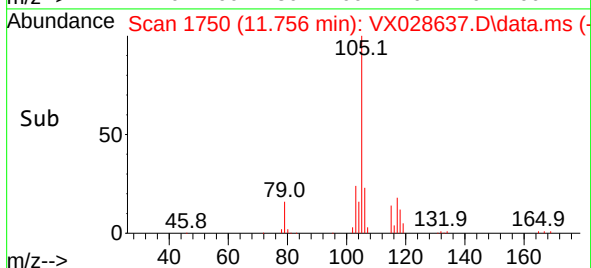
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

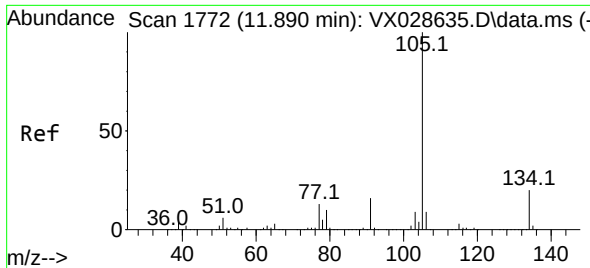


#84
1,2,4-Trimethylbenzene
Concen: 157.176 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion:105 Resp: 1704434
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





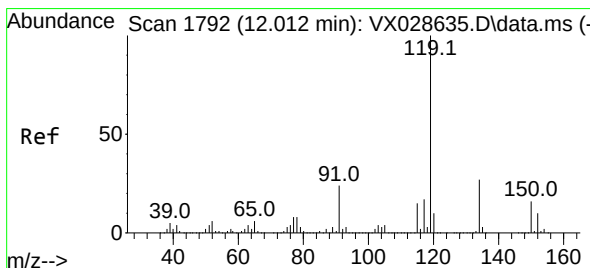
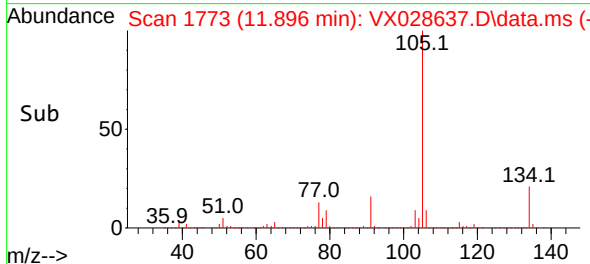
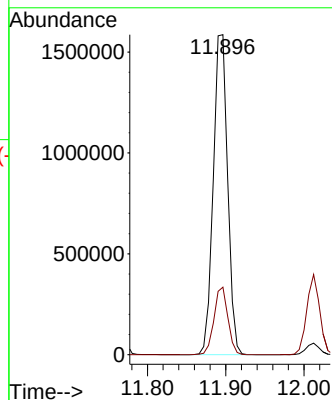
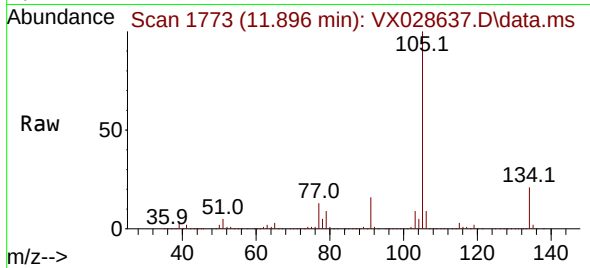
#85
 sec-Butylbenzene
 Concen: 151.149 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.007 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 202025
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

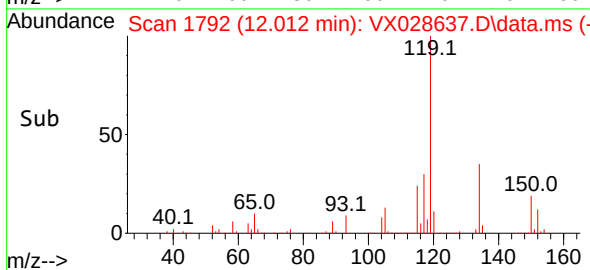
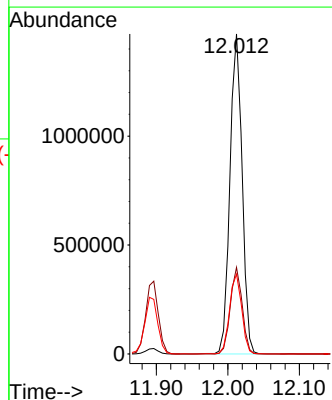
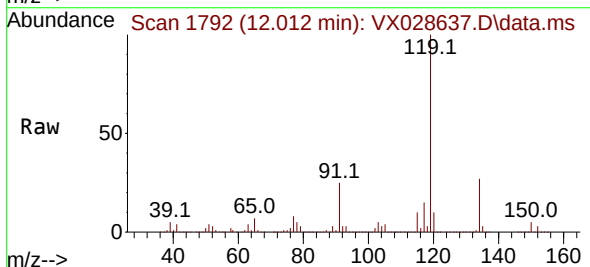
Manual Integrations
 APPROVED

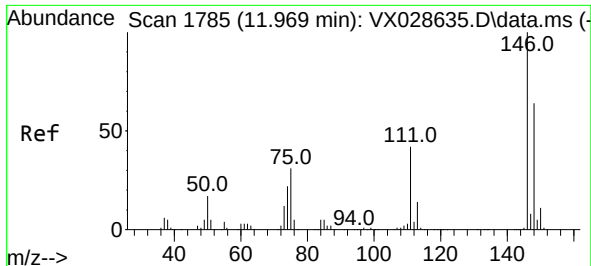
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#86
 p-Isopropyltoluene
 Concen: 150.821 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028637.D
 Acq: 12 May 2022 14:26

Tgt Ion:119 Resp: 1732210
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 24.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 149.875 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 93444

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.1

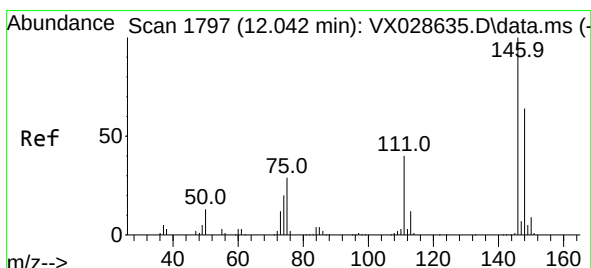
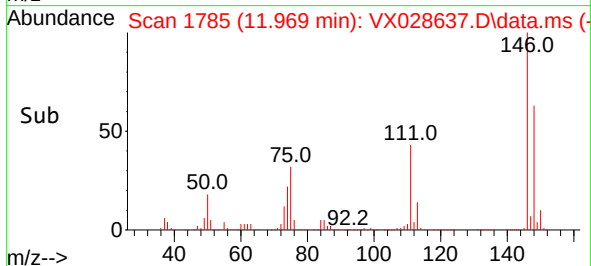
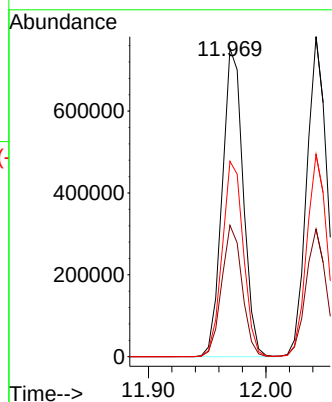
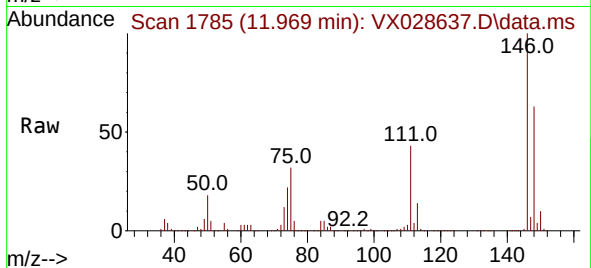
148 63.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 143.715 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

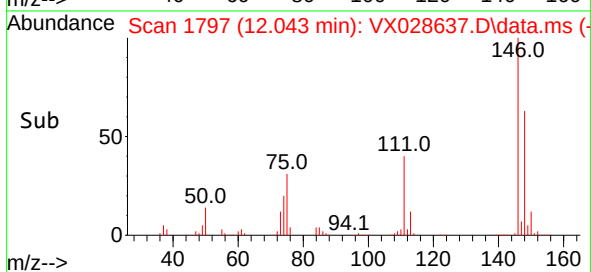
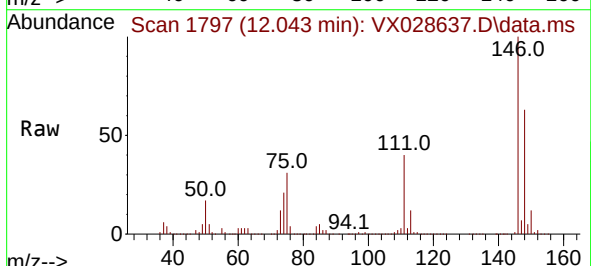
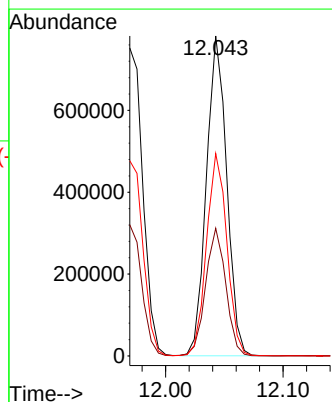
Tgt Ion:146 Resp: 938864

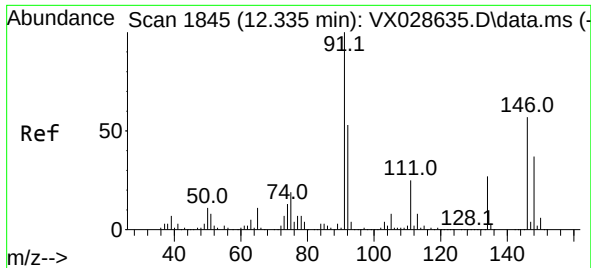
Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

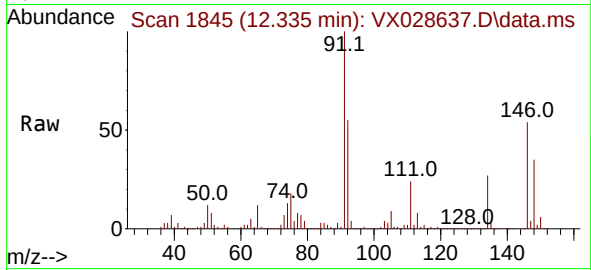
148 63.6 32.3 96.9





#89
n-Butylbenzene
Concen: 159.354 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

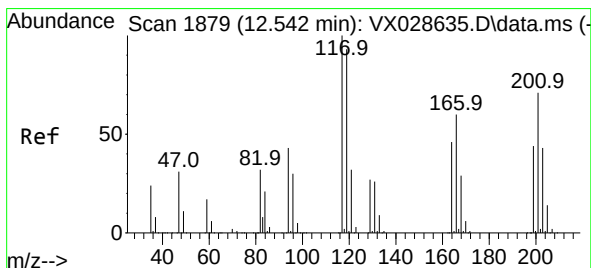
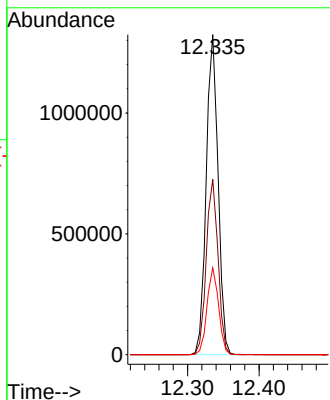
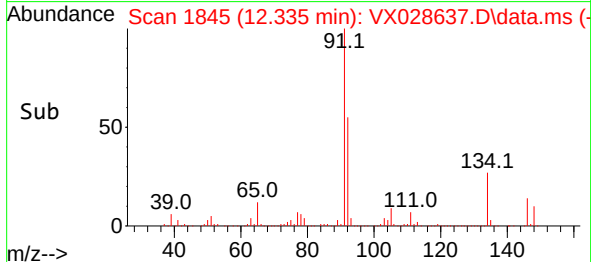
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 152225
Ion Ratio Lower Upper
91 100
92 54.7 27.8 83.3
134 26.5 13.3 39.8

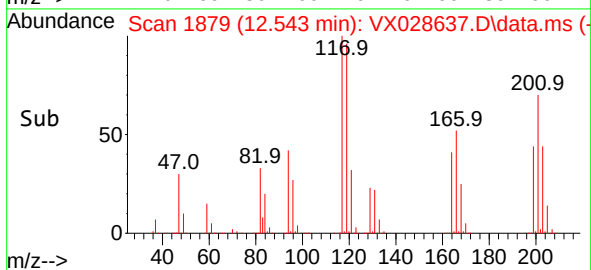
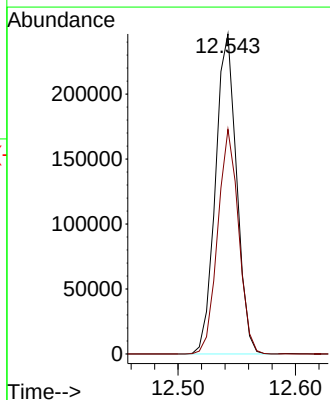
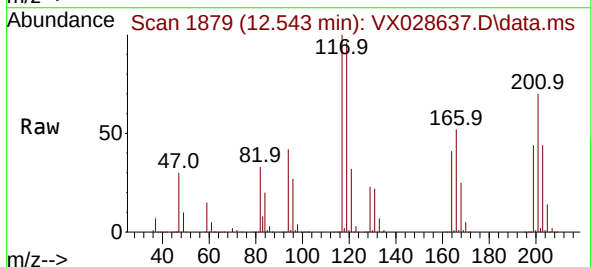
Manual Integrations
APPROVED

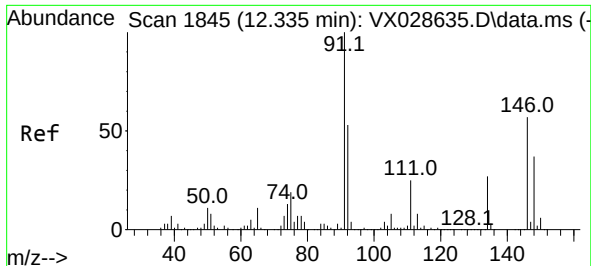
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 168.126 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

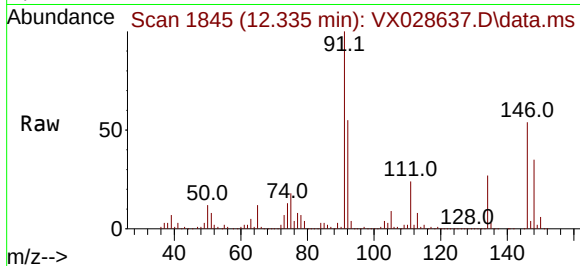
Tgt Ion:117 Resp: 308651
Ion Ratio Lower Upper
117 100
201 69.2 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 145.791 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

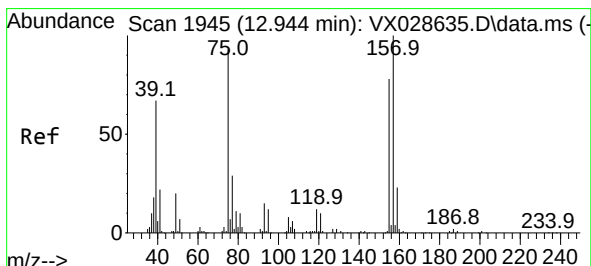
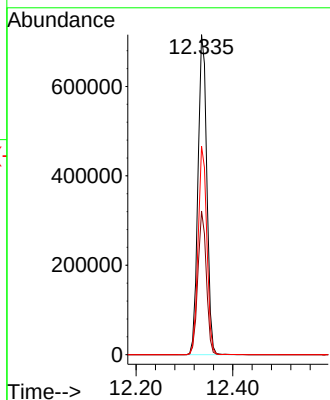
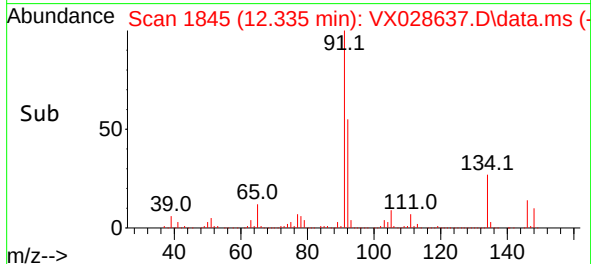
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



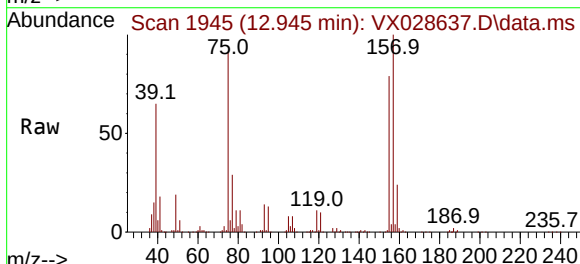
Tgt Ion:146 Resp: 903245
Ion Ratio Lower Upper
146 100
111 43.2 21.0 63.0
148 64.2 32.6 97.7

Manual Integrations
APPROVED

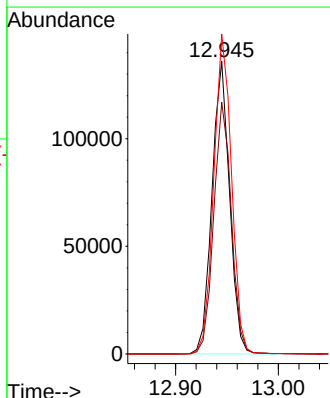
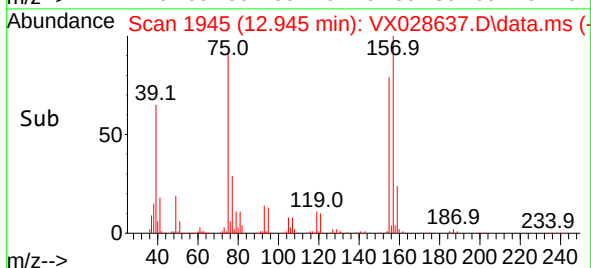
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

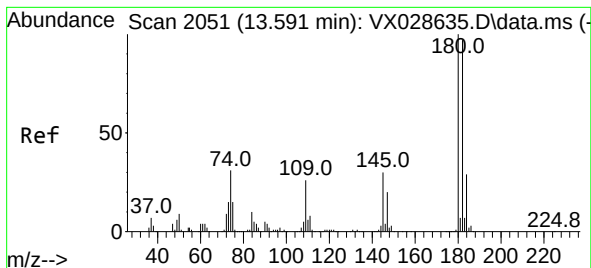


#92
1,2-Dibromo-3-Chloropropane
Concen: 173.137 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26



Tgt Ion: 75 Resp: 161655
Ion Ratio Lower Upper
75 100
155 86.3 47.0 141.2
157 110.6 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 151.016 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 55666

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

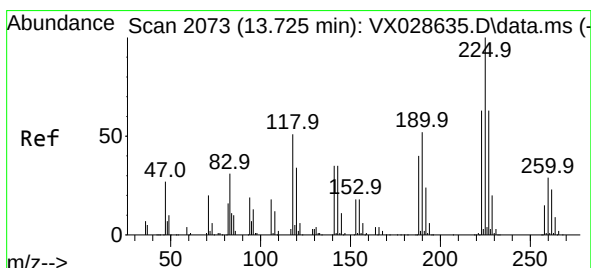
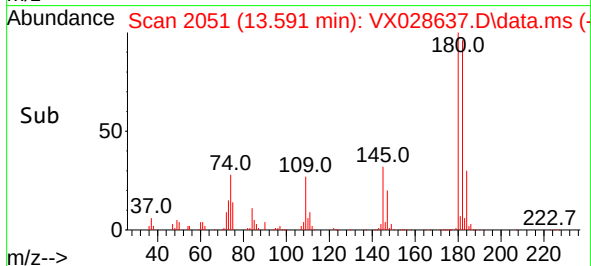
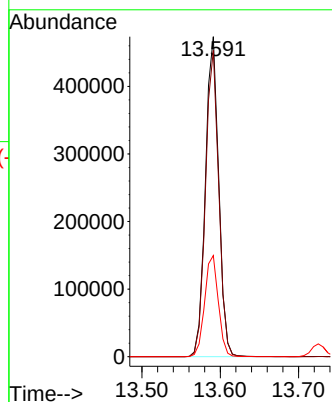
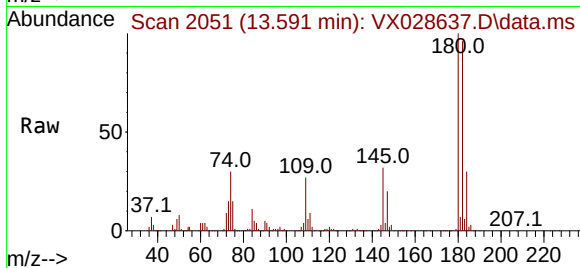
145 32.6 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 129.730 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028637.D

Acq: 12 May 2022 14:26

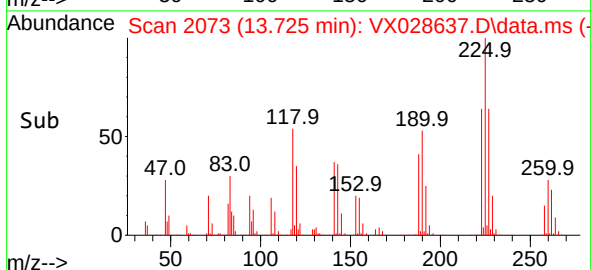
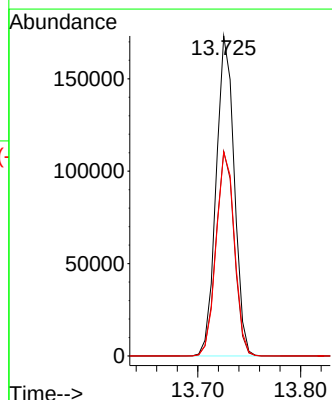
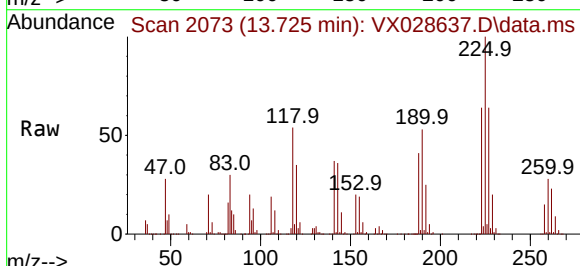
Tgt Ion:225 Resp: 211202

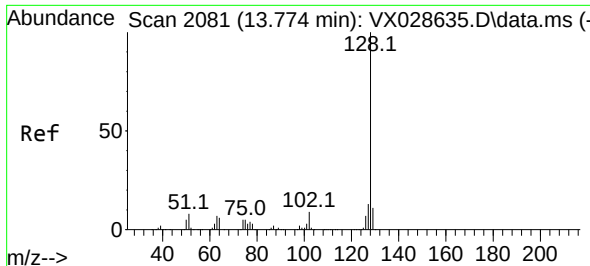
Ion Ratio Lower Upper

225 100

223 64.1 34.2 102.5

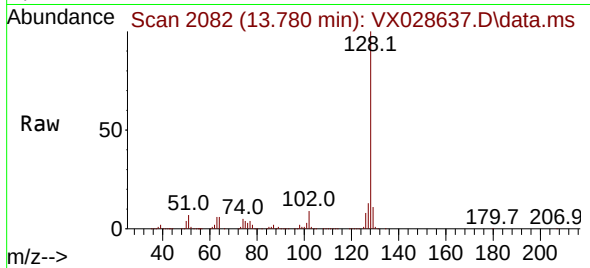
227 64.6 33.9 101.7





#95
Naphthalene
Concen: 162.492 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.007 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

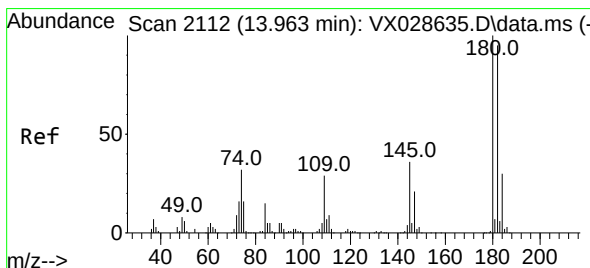
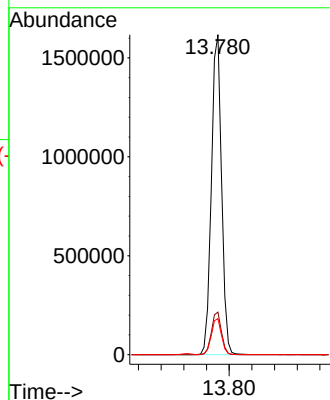
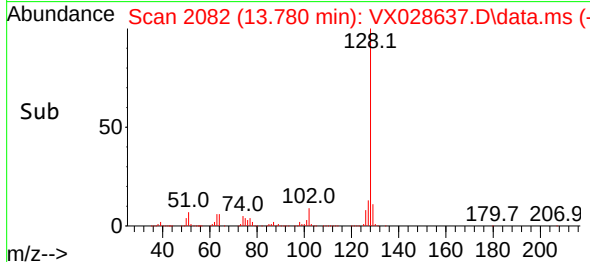
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 2013829
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 152.131 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028637.D
Acq: 12 May 2022 14:26

Tgt Ion:180 Resp: 549068
Ion Ratio Lower Upper
180 100
182 94.3 50.0 149.8
145 34.7 16.2 48.5

