

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028636.D
 Acq On : 12 May 2022 14:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 12 14:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 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	198211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	279446	106.544	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 213.080%#			
35) Dibromofluoromethane	5.391	113	229830	98.952	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 197.900%#			
50) Toluene-d8	8.653	98	868339	97.612	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 195.220%#			
62) 4-Bromofluorobenzene	11.085	95	338644	100.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 200.200%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	272805	178.782	ug/l	100
3) Chloromethane	1.288	50	237165	143.151	ug/l	100
4) Vinyl Chloride	1.374	62	263928	123.782	ug/l	100
5) Bromomethane	1.599	94	183139	88.896	ug/l	99
6) Chloroethane	1.672	64	171552	91.463	ug/l	99
7) Trichlorofluoromethane	1.880	101	413687	93.089	ug/l	99
8) Diethyl Ether	2.136	74	150377	97.553	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	214849	122.870	ug/l	95
10) Methyl Iodide	2.453	142	289857	133.435	ug/l	94
11) Tert butyl alcohol	2.983	59	299149	541.947	ug/l	99
12) 1,1-Dichloroethene	2.319	96	205159	124.105	ug/l	99
13) Acrolein	2.233	56	224684	689.231	ug/l	98
14) Allyl chloride	2.660	41	339583	125.395	ug/l	92
15) Acrylonitrile	3.062	53	663561	603.974	ug/l	99
16) Acetone	2.380	43	560411	613.688	ug/l	91
17) Carbon Disulfide	2.508	76	549678	125.287	ug/l	99
18) Methyl Acetate	2.703	43	288932	119.263	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	746629	114.594	ug/l	100
20) Methylene Chloride	2.788	84	235167	116.051	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	234046	109.827	ug/l	99
22) Diisopropyl ether	3.764	45	712996	117.620	ug/l	93
23) Vinyl Acetate	3.721	43	3173578	600.147	ug/l	97
24) 1,1-Dichloroethane	3.611	63	413291	114.896	ug/l	99
25) 2-Butanone	4.556	43	935383	590.225	ug/l	96
26) 2,2-Dichloropropane	4.477	77	344383	102.271	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	272152	107.852	ug/l	99
28) Bromochloromethane	4.897	49	179042	121.183	ug/l	94
29) Tetrahydrofuran	5.007	42	609760	589.183	ug/l	93
30) Chloroform	5.099	83	449847	107.005	ug/l	99
31) Cyclohexane	5.471	56	378986	114.891	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	400374	105.785	ug/l	99
36) 1,1-Dichloropropene	5.696	75	332099	106.504	ug/l	99
37) Ethyl Acetate	4.715	43	365182	114.457	ug/l	97
38) Carbon Tetrachloride	5.678	117	353583	102.453	ug/l	99
39) Methylcyclohexane	7.379	83	392184	101.084	ug/l	98
40) Benzene	6.038	78	964653	106.522	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	194352	118.193	ug/l	93
42) 1,2-Dichloroethane	6.086	62	351009	104.359	ug/l	98
43) Isopropyl Acetate	6.342	43	577334	112.046	ug/l	95
44) Trichloroethene	7.129	130	263549	100.929	ug/l	97
45) 1,2-Dichloropropane	7.434	63	245103	109.899	ug/l	97
46) Dibromomethane	7.580	93	180361	103.856	ug/l	92
47) Bromodichloromethane	7.824	83	350595	105.477	ug/l	99
48) Methyl methacrylate	7.696	41	280686	117.389	ug/l	87
49) 1,4-Dioxane	7.665	88	138754	2227.567	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1890121	569.978	ug/l	95
52) Toluene	8.720	92	628131	100.779	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	390053	111.068	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	410921	108.247	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	257500	101.584	ug/l	100
56) Ethyl methacrylate	9.116	69	422995	114.273	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	433317	105.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1022133	593.788	ug/l	99
59) 2-Hexanone	9.433	43	1513073	587.867	ug/l	92
60) Dibromochloromethane	9.525	129	274926	101.221	ug/l	98
61) 1,2-Dibromoethane	9.610	107	278257	101.213	ug/l	98
64) Tetrachloroethene	9.275	164	239129	96.631	ug/l	97
65) Chlorobenzene	10.079	112	689395	102.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	256550	102.919	ug/l	98
67) Ethyl Benzene	10.195	91	1240295	108.676	ug/l	98
68) m/p-Xylenes	10.305	106	978289	212.502	ug/l	100
69) o-Xylene	10.646	106	483226	105.555	ug/l	100
70) Styrene	10.659	104	814893	109.354	ug/l	98
71) Bromoform	10.799	173	207028	106.632	ug/l	100
73) Isopropylbenzene	10.963	105	1248640	108.007	ug/l	100
74) N-amyl acetate	10.848	43	550810	133.519	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	420226	111.544	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	386937m	115.942	ug/l	
77) Bromobenzene	11.201	156	305841	102.955	ug/l	96
78) n-propylbenzene	11.305	91	1465829	113.635	ug/l	99
79) 2-Chlorotoluene	11.366	91	887739	111.197	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1076995	110.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	137999	123.953	ug/l	92
82) 4-Chlorotoluene	11.457	91	1041611	113.119	ug/l	100
83) tert-Butylbenzene	11.719	119	1045030	105.730	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1080148	111.292	ug/l	100
85) sec-Butylbenzene	11.890	105	1273716	106.475	ug/l	100
86) p-Isopropyltoluene	12.012	119	1087332	105.779	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	588223	105.413	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	593422	101.494	ug/l	98
89) n-Butylbenzene	12.335	91	965541	112.933	ug/l	98
90) Hexachloroethane	12.542	117	191393	116.485	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	573560	103.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	99052	118.533	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	344025	104.278	ug/l	98
94) Hexachlorobutadiene	13.725	225	134777	92.498	ug/l	92
95) Naphthalene	13.774	128	1261578	113.736	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	341701	105.782	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:13:24 2022
Response via : Initial Calibration

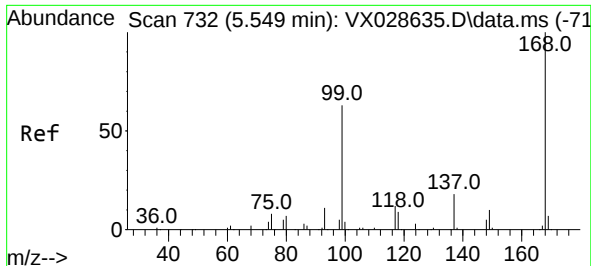
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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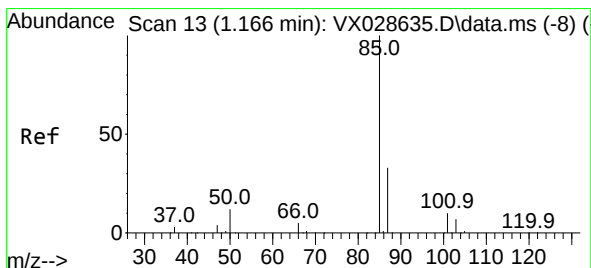
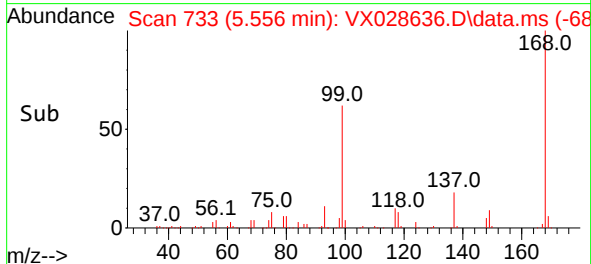
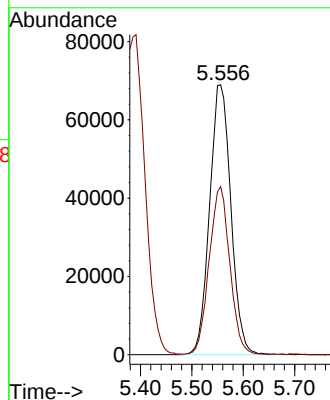
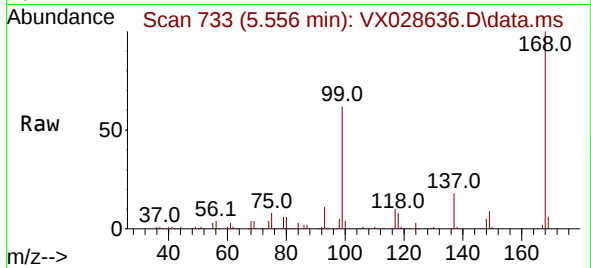
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 19821
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5

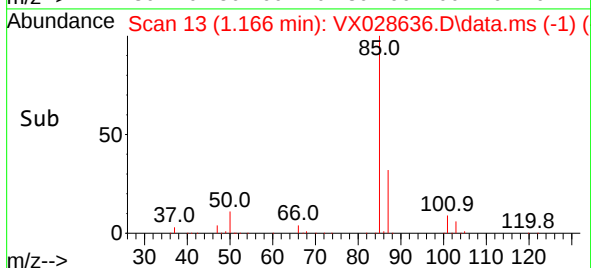
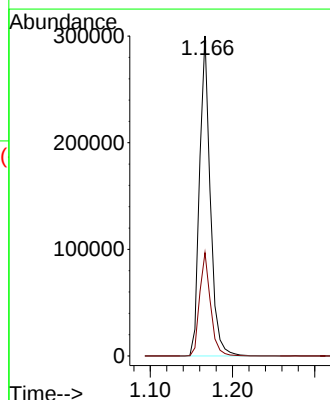
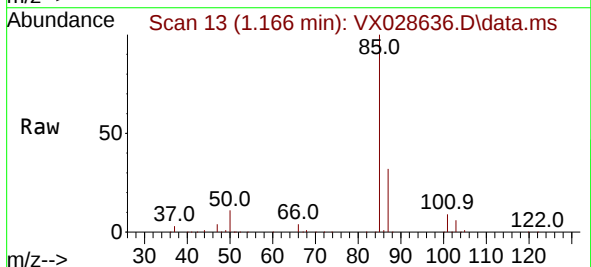
Manual Integrations
APPROVED

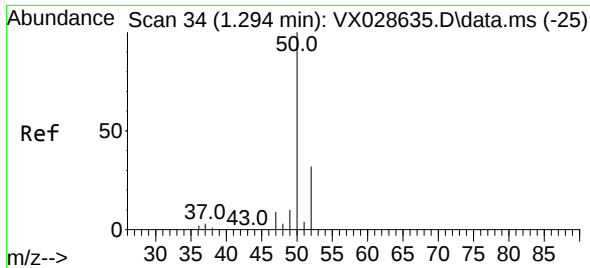
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 178.782 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 85 Resp: 272805
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





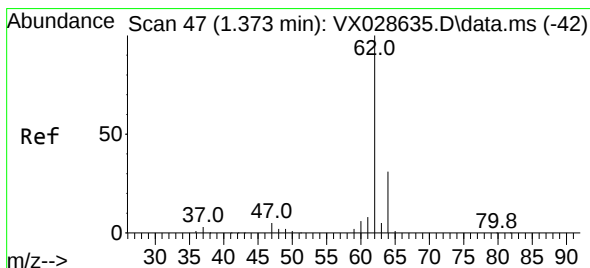
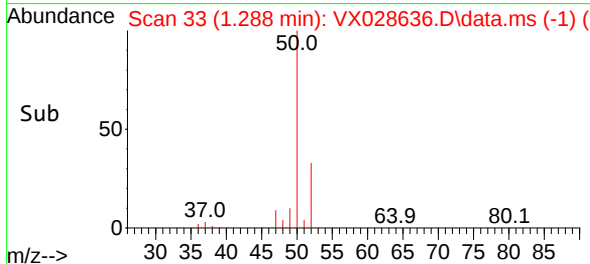
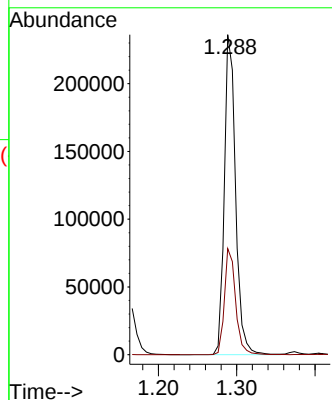
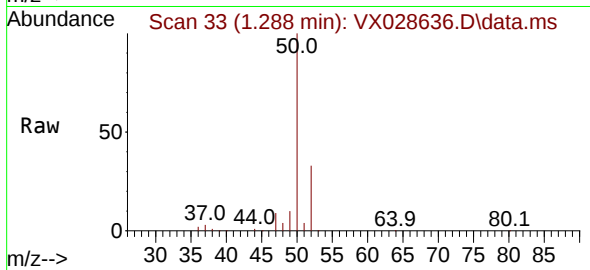
#3
Chloromethane
Concen: 143.151 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 23716
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

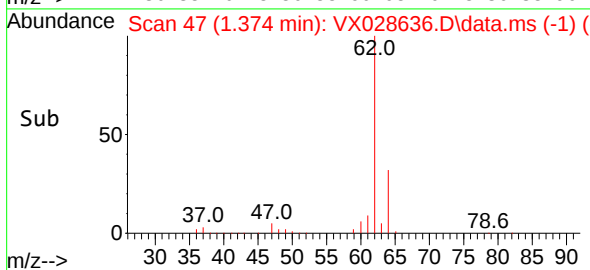
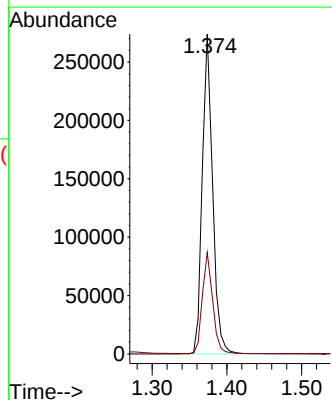
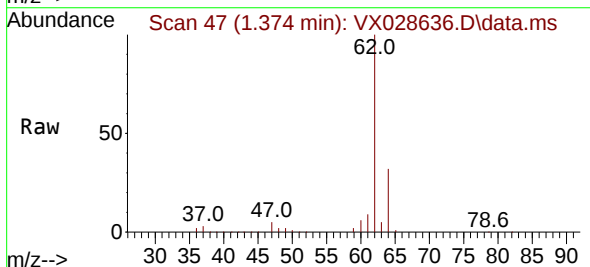
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#4
Vinyl Chloride
Concen: 123.782 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

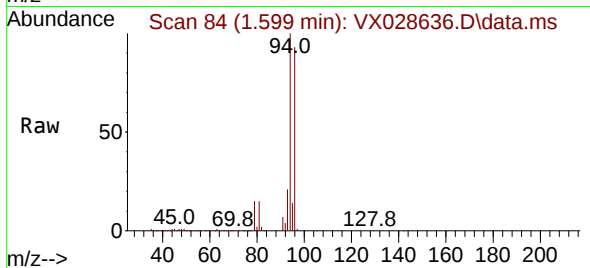
Tgt Ion: 62 Resp: 263928
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 88.896 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

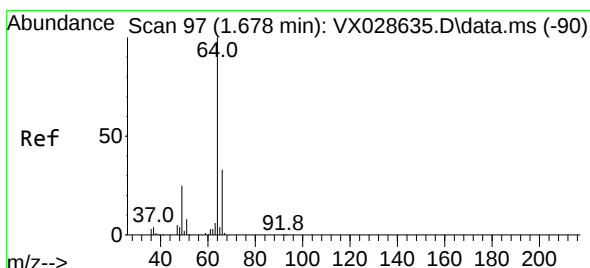
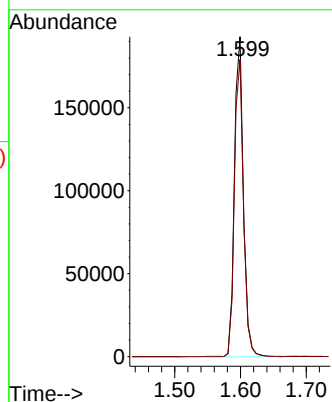
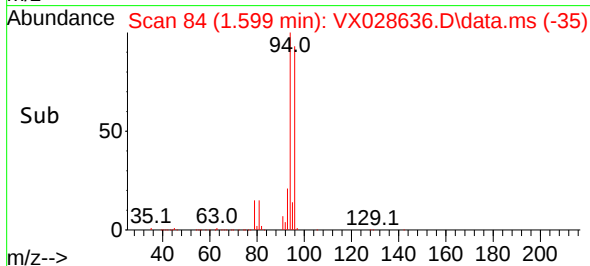
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 183139
Ion Ratio Lower Upper
94 100
96 92.9 75.3 112.9

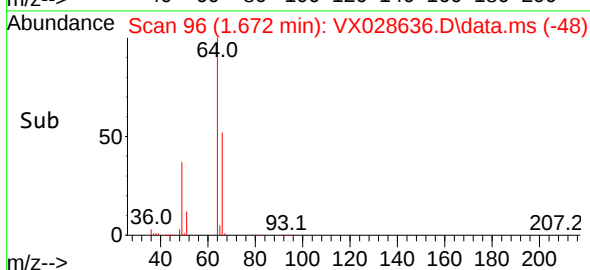
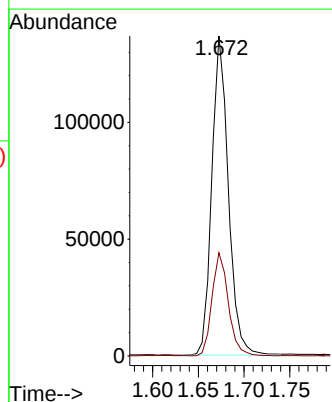
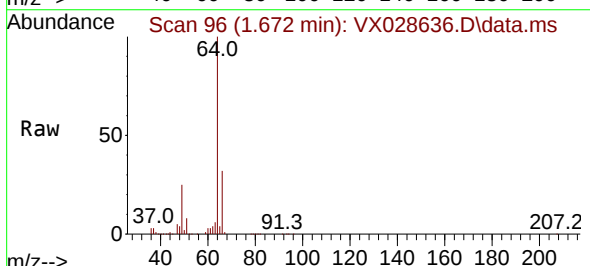
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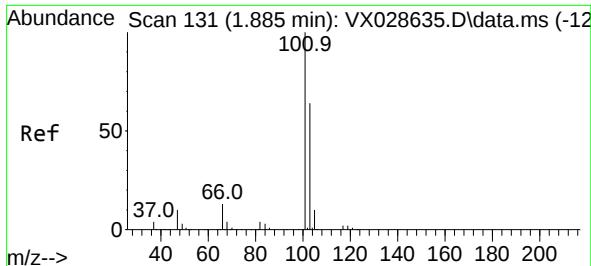
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 91.463 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 64 Resp: 171552
Ion Ratio Lower Upper
64 100
66 32.3 25.3 37.9





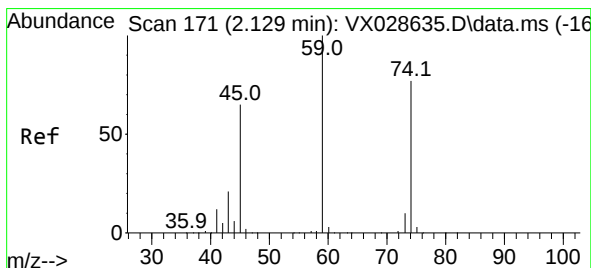
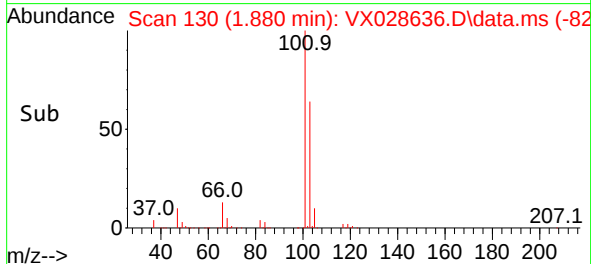
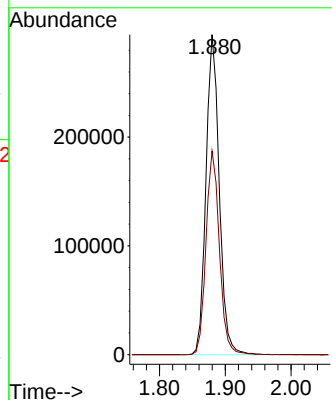
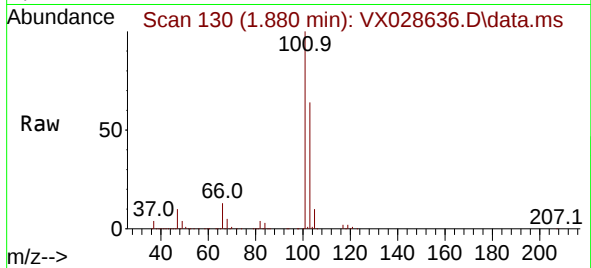
#7
Trichlorofluoromethane
Concen: 93.089 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 41368
Ion Ratio Lower Upper
101 100
103 63.7 50.5 75.7

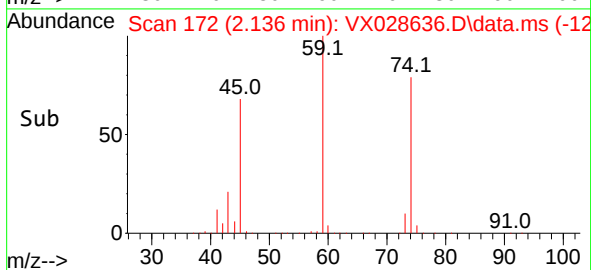
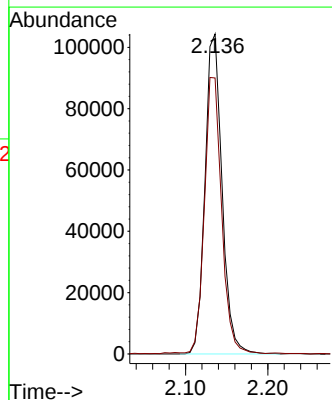
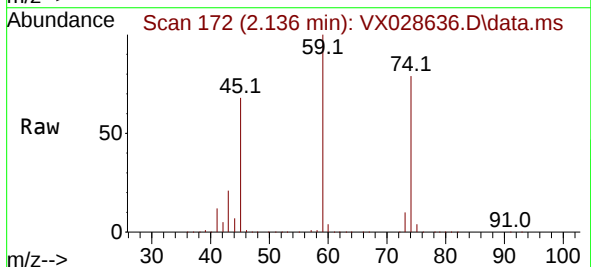
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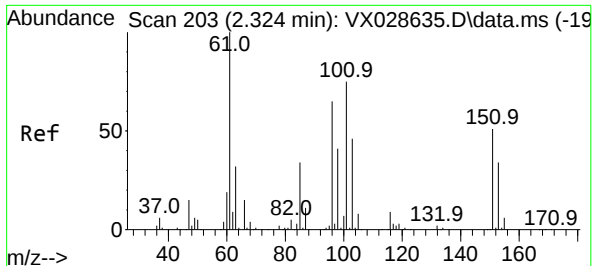
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#8
Diethyl Ether
Concen: 97.553 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 74 Resp: 150377
Ion Ratio Lower Upper
74 100
45 87.3 42.0 126.0





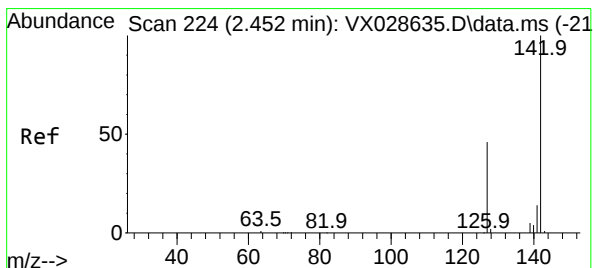
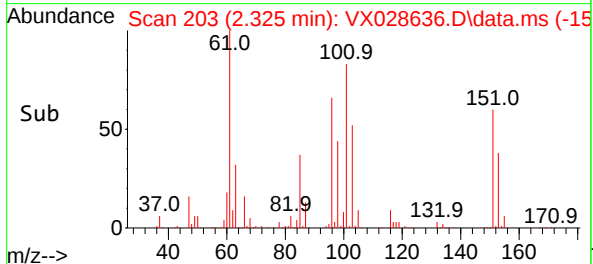
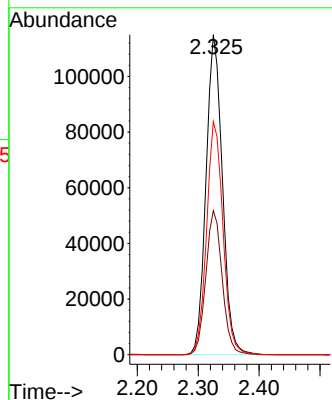
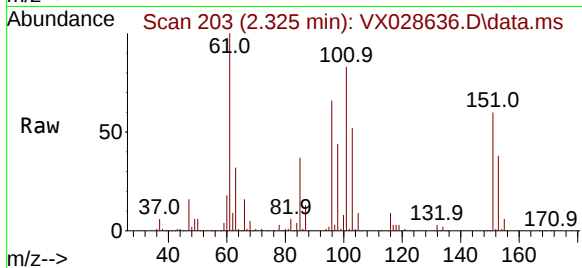
#9
1,1,2-Trichlorotrifluoroethane
Concen: 122.870 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 214849
Ion Ratio Lower Upper
101 100
85 44.9 33.5 50.3
151 73.0 61.8 92.6

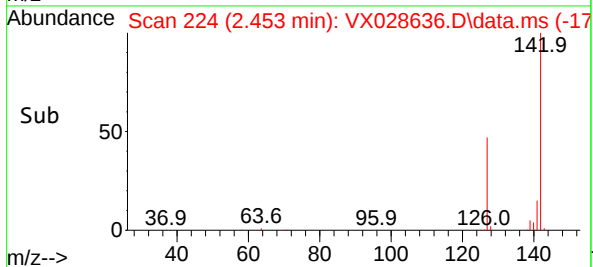
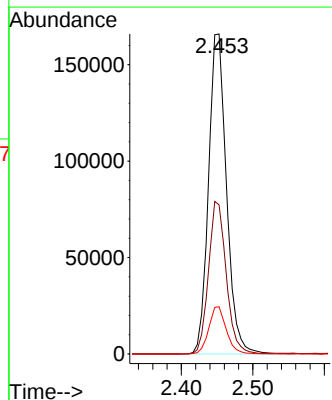
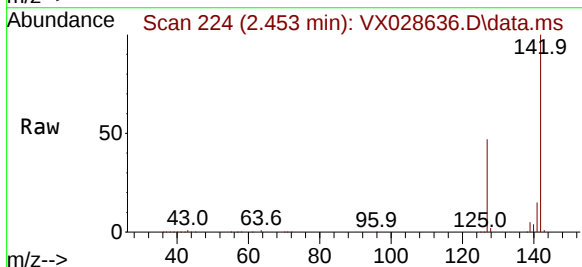
Manual Integrations
APPROVED

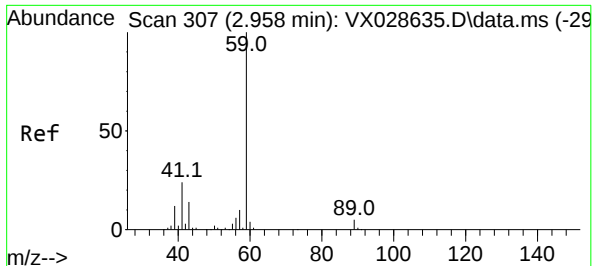
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 133.435 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion:142 Resp: 289857
Ion Ratio Lower Upper
142 100
127 47.3 33.9 50.9
141 14.4 11.4 17.2





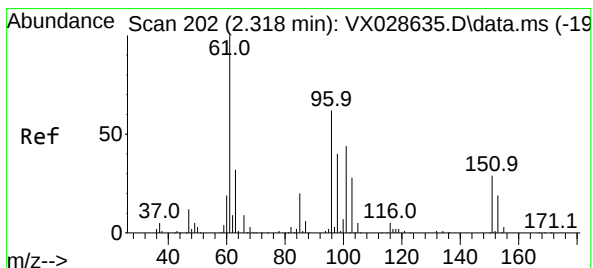
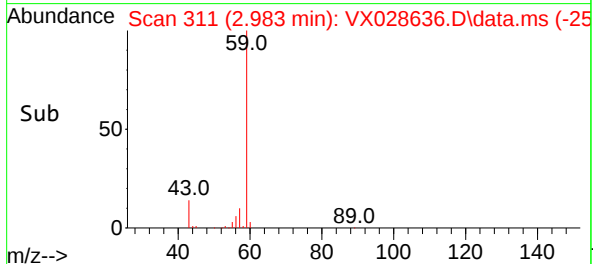
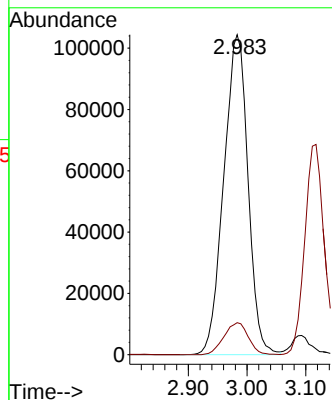
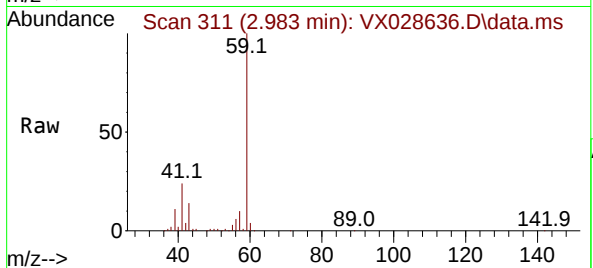
#11
Tert butyl alcohol
Concen: 541.947 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.025 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 299149
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

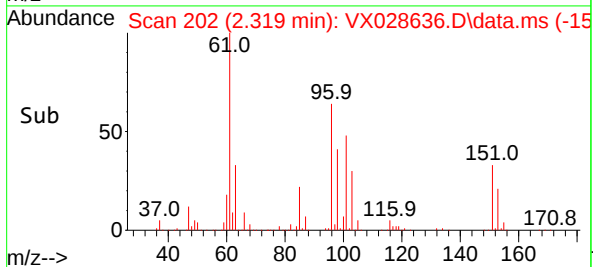
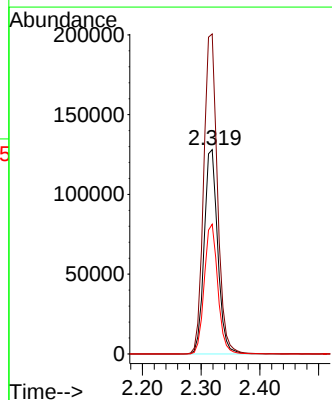
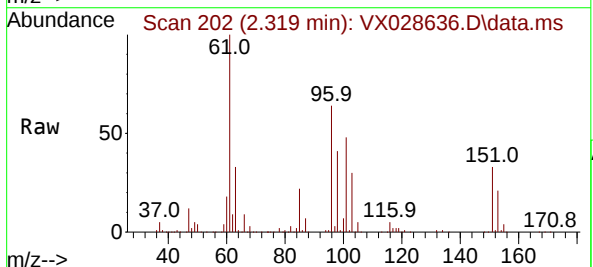
Manual Integrations
APPROVED

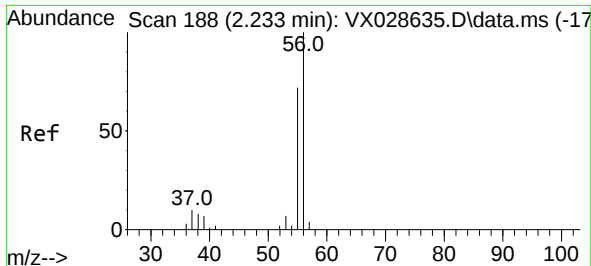
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 124.105 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

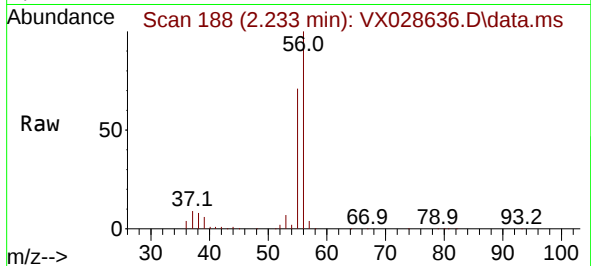
Tgt Ion: 96 Resp: 205159
Ion Ratio Lower Upper
96 100
61 156.6 124.6 187.0
98 63.5 51.0 76.4





#13
Acrolein
Concen: 689.231 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

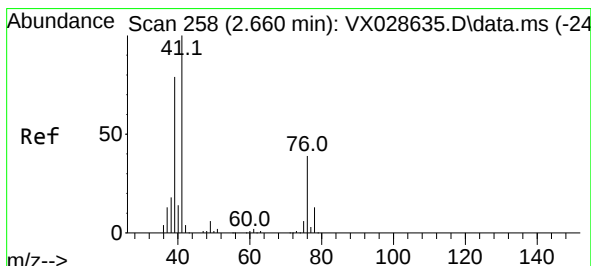
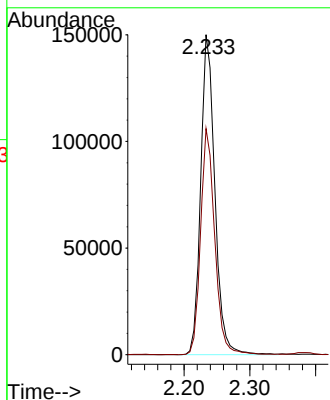
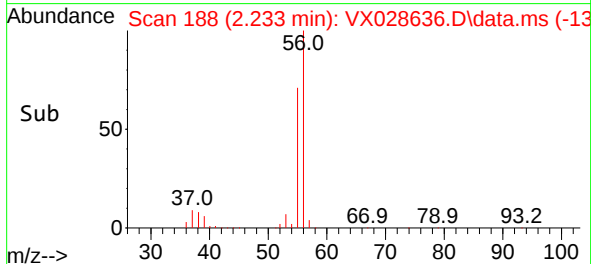
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 224684
Ion Ratio Lower Upper
56 100
55 70.7 55.0 82.6

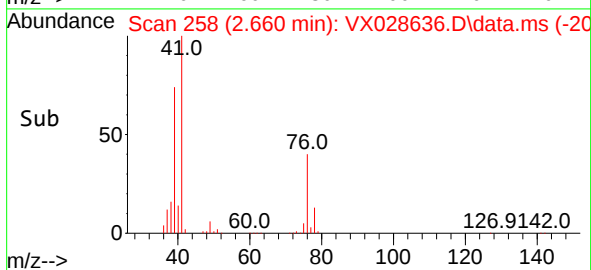
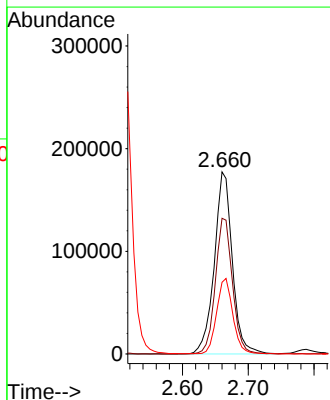
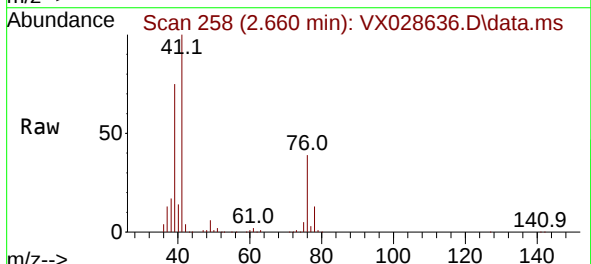
Manual Integrations
APPROVED

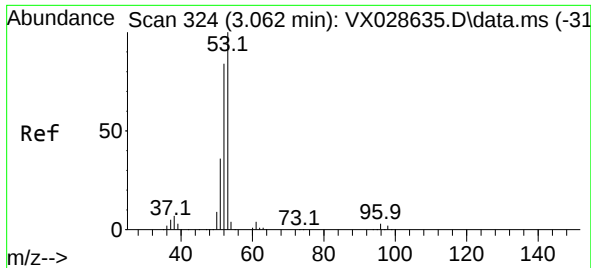
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 125.395 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

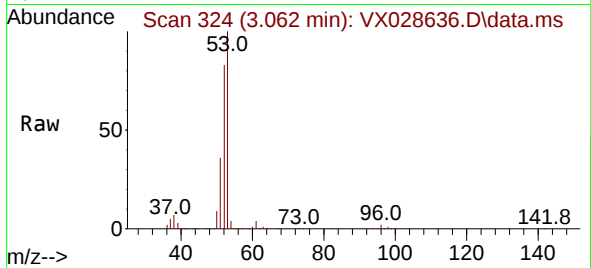
Tgt Ion: 41 Resp: 339583
Ion Ratio Lower Upper
41 100
39 70.5 50.4 75.6
76 37.3 32.7 49.1





#15
Acrylonitrile
Concen: 603.974 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

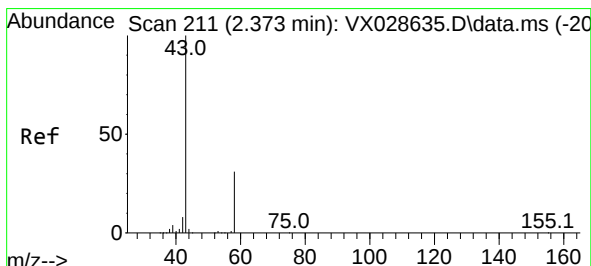
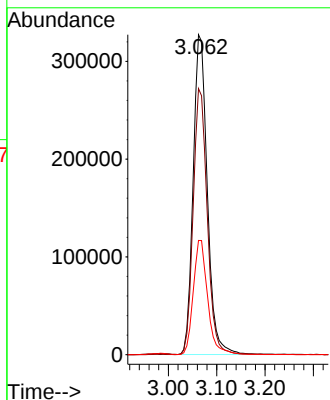
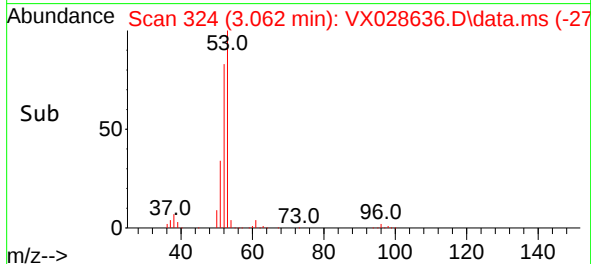
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



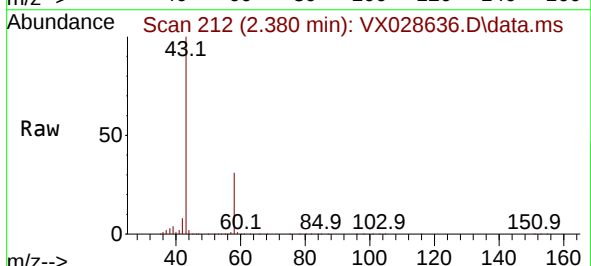
Tgt Ion: 53 Resp: 66356
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 36.4 28.4 42.6

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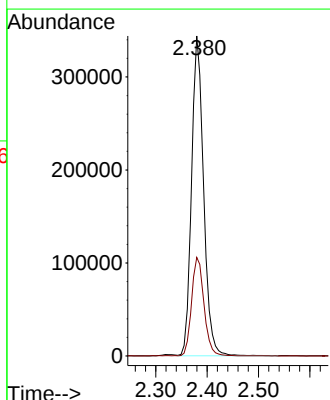
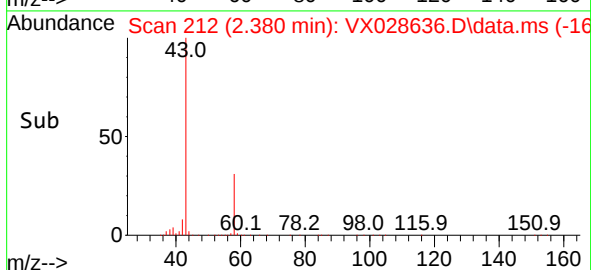
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

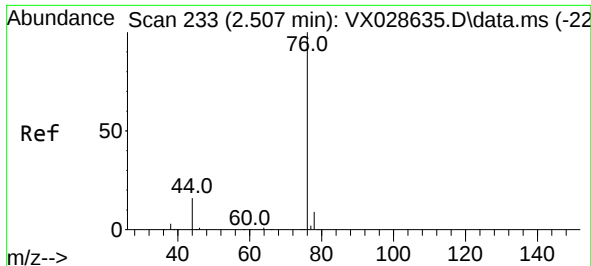


#16
Acetone
Concen: 613.688 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



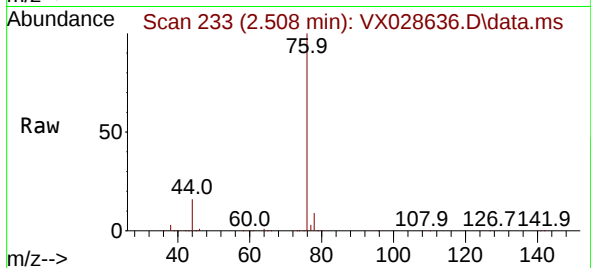
Tgt Ion: 43 Resp: 560411
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2





#17
Carbon Disulfide
Concen: 125.287 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

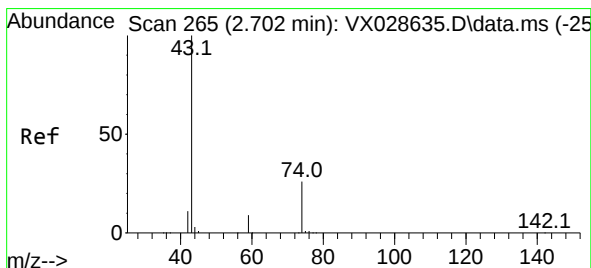
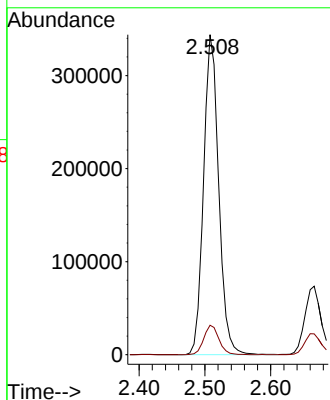
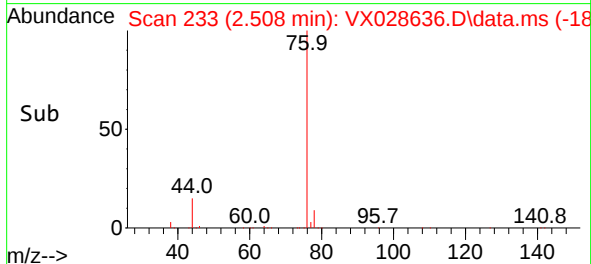
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



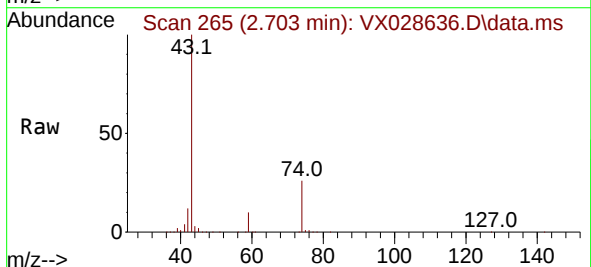
Tgt Ion: 76 Resp: 549678
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

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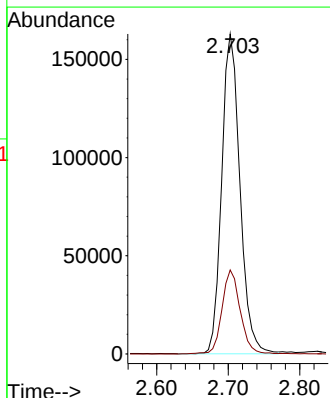
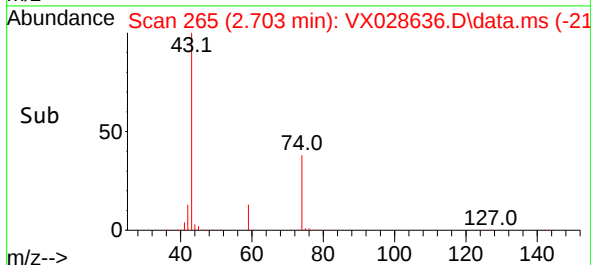
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

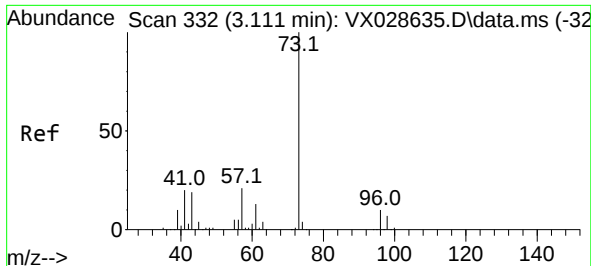


#18
Methyl Acetate
Concen: 119.263 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



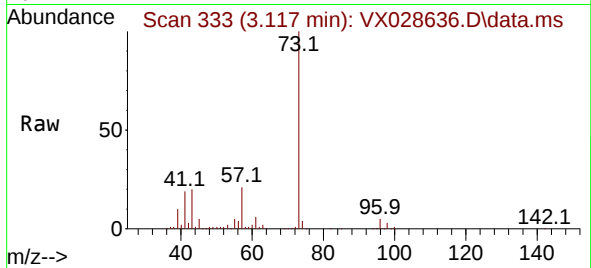
Tgt Ion: 43 Resp: 288932
Ion Ratio Lower Upper
43 100
74 26.3 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 114.594 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

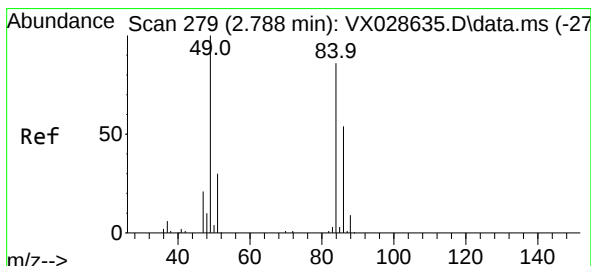
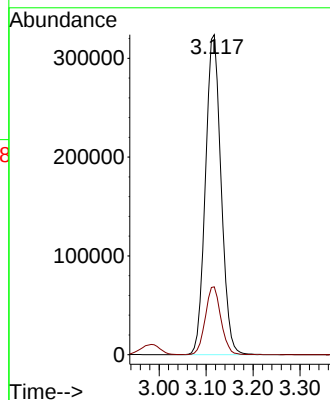
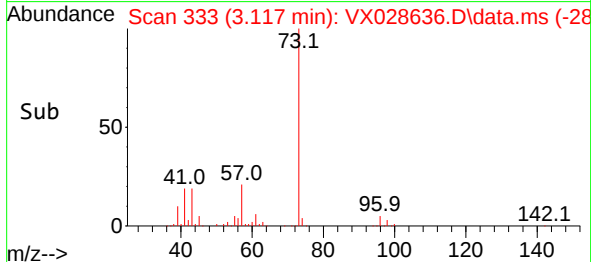
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 746629
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

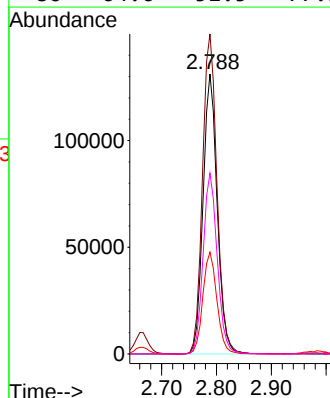
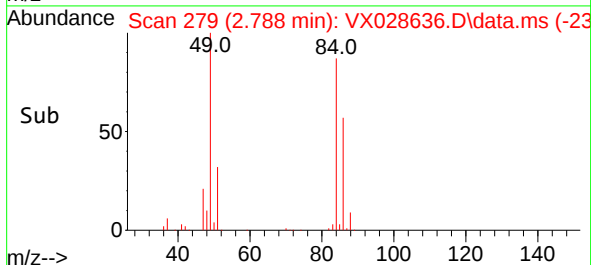
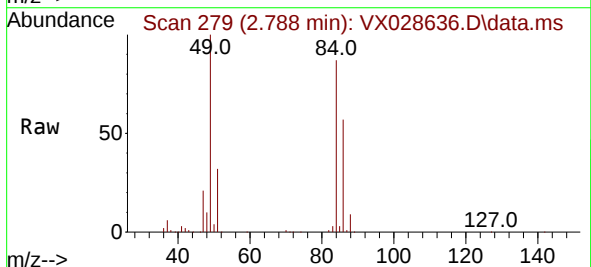
Manual Integrations
APPROVED

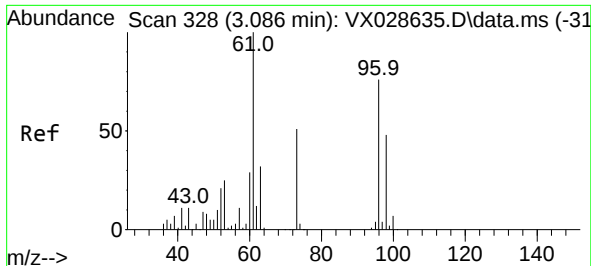
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 116.051 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

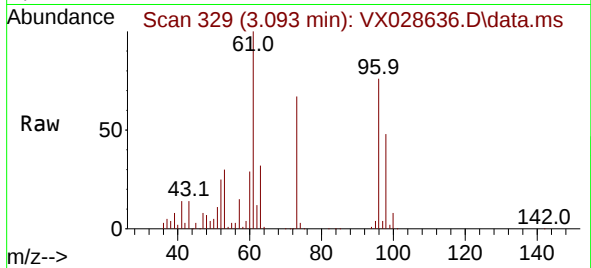
Tgt Ion: 84 Resp: 235167
Ion Ratio Lower Upper
84 100
49 114.3 85.5 128.3
51 36.3 26.6 39.8
86 64.6 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 109.827 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

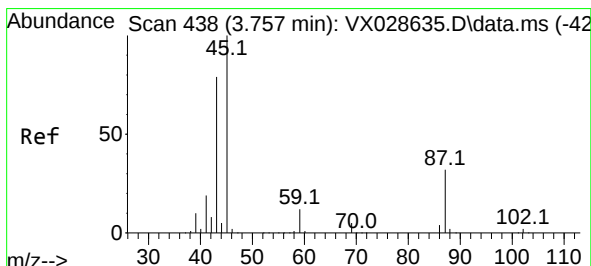
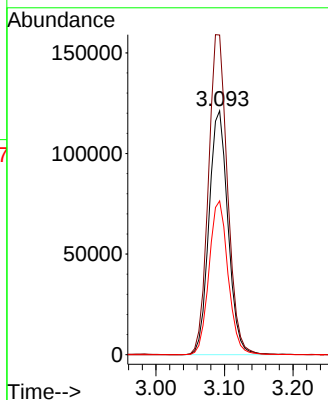
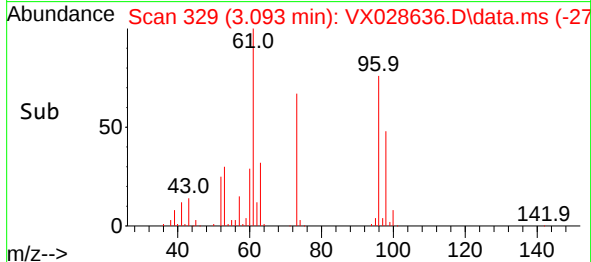
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



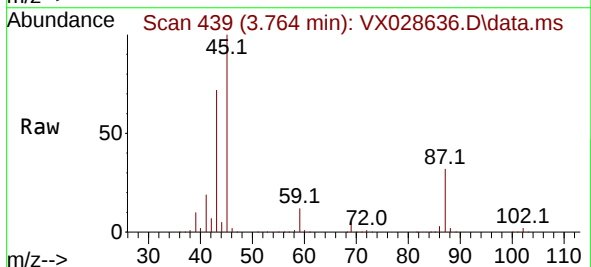
Tgt Ion: 96 Resp: 234040
Ion Ratio Lower Upper
96 100
61 131.1 105.4 158.2
98 63.0 50.0 75.0

Manual Integrations
APPROVED

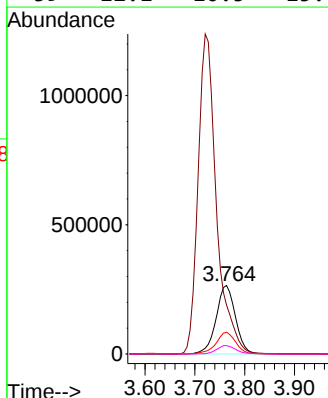
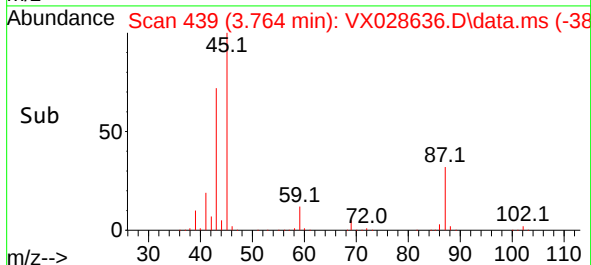
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

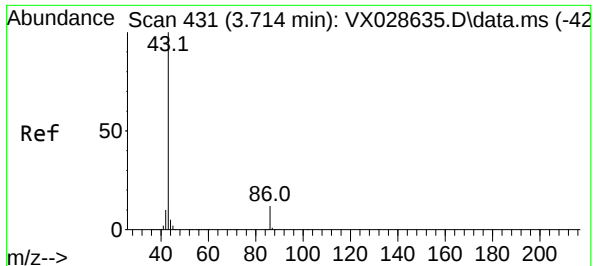


#22
Diisopropyl ether
Concen: 117.620 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



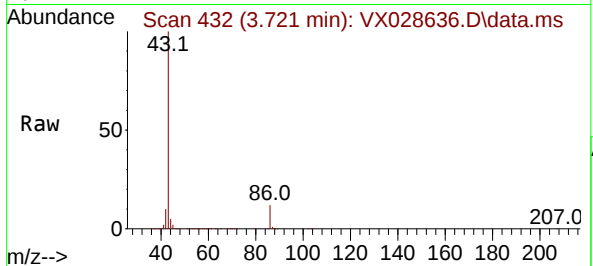
Tgt Ion: 45 Resp: 712996
Ion Ratio Lower Upper
45 100
43 71.5 50.8 76.2
87 31.8 26.6 39.8
59 12.1 10.5 15.7





#23
Vinyl Acetate
Concen: 600.147 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

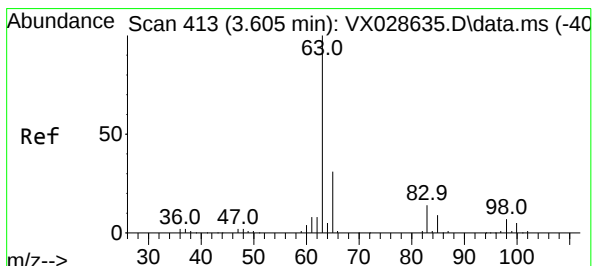
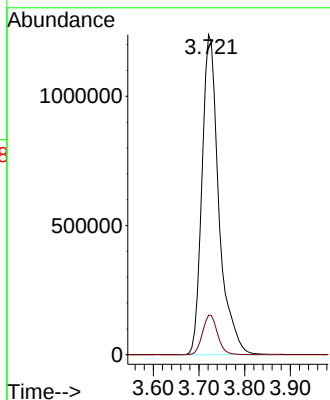
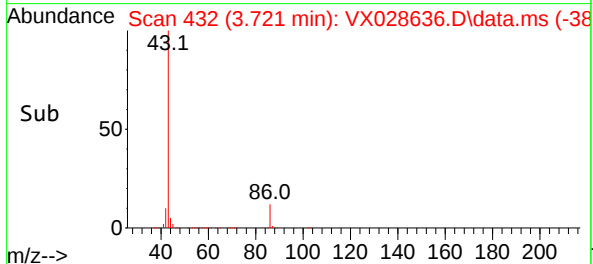
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



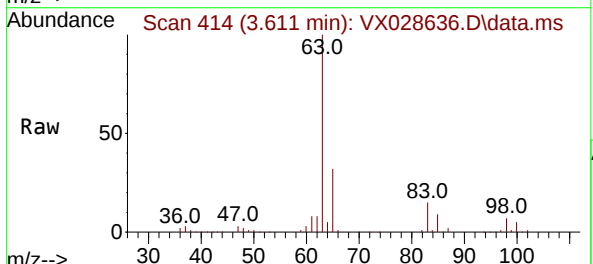
Tgt Ion: 43 Resp: 3173578
Ion Ratio Lower Upper
43 100
86 12.4 10.8 16.2

Manual Integrations
APPROVED

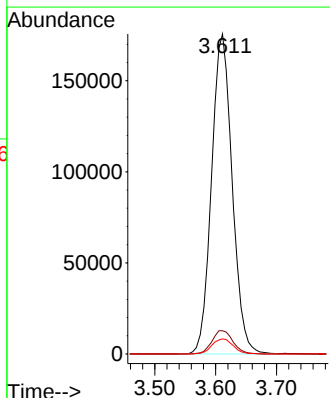
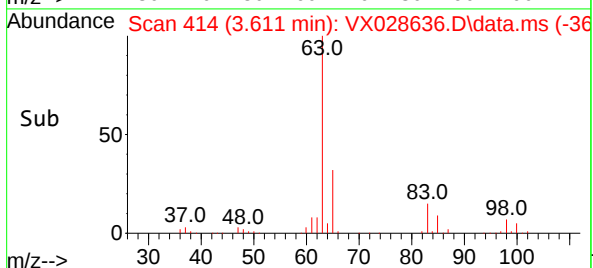
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

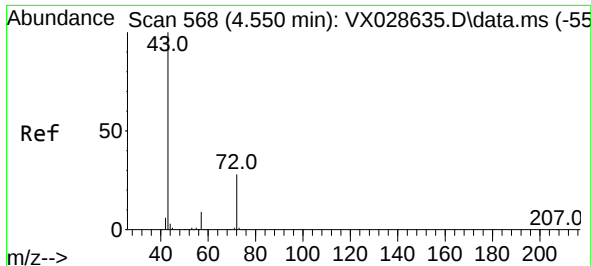


#24
1,1-Dichloroethane
Concen: 114.896 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



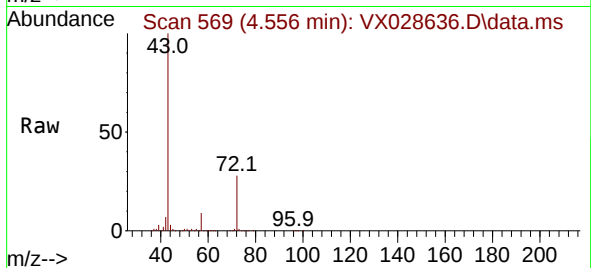
Tgt Ion: 63 Resp: 413291
Ion Ratio Lower Upper
63 100
98 7.2 3.9 11.7
100 4.7 2.4 7.2





#25
2-Butanone
Concen: 590.225 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

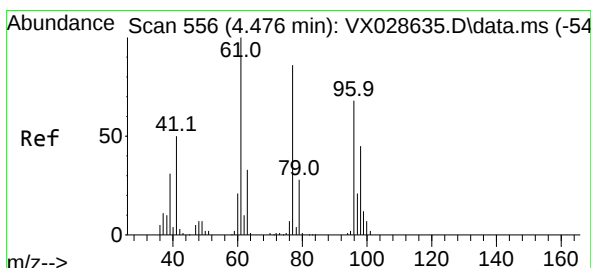
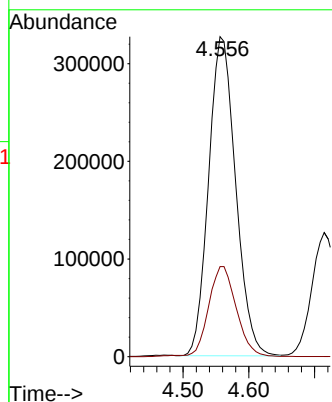
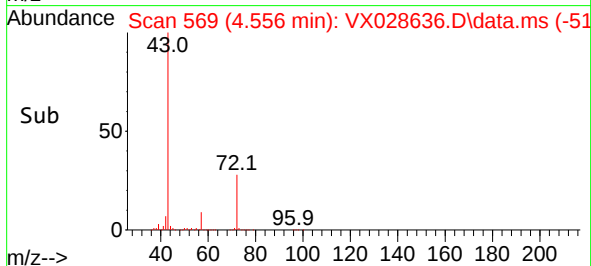
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 93538
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

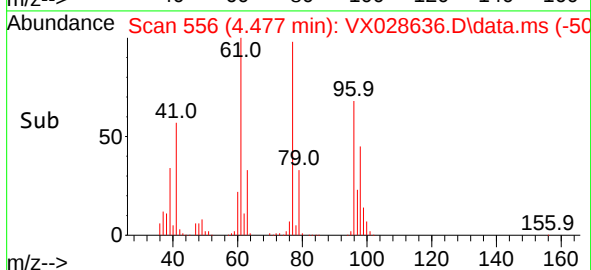
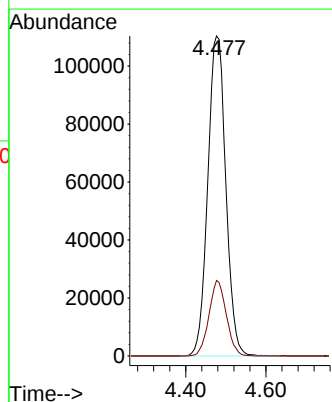
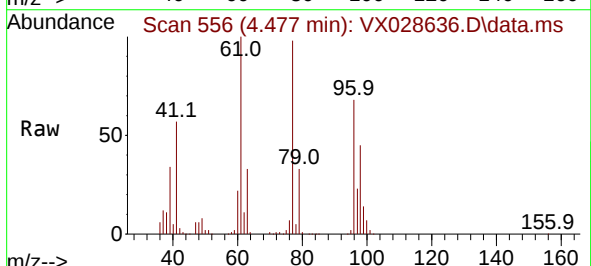
Manual Integrations
APPROVED

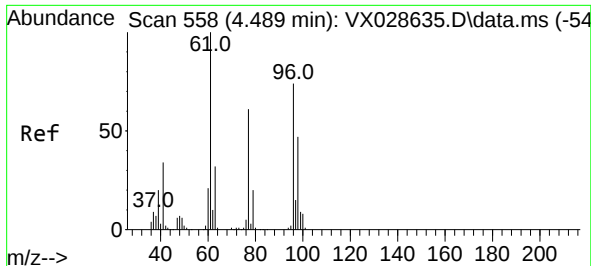
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 102.271 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 77 Resp: 344383
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 107.852 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX028636.D

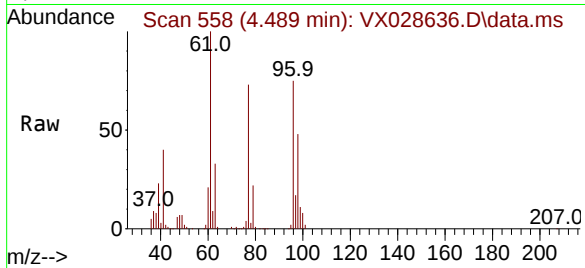
Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



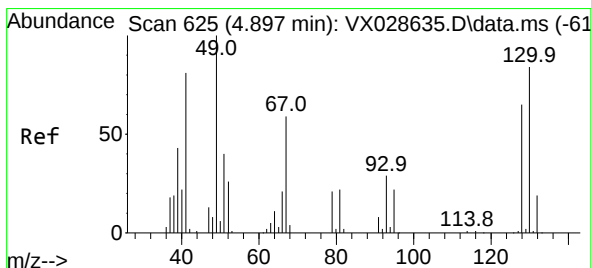
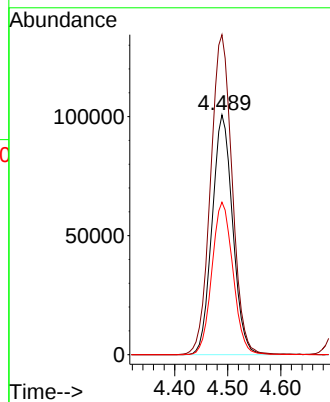
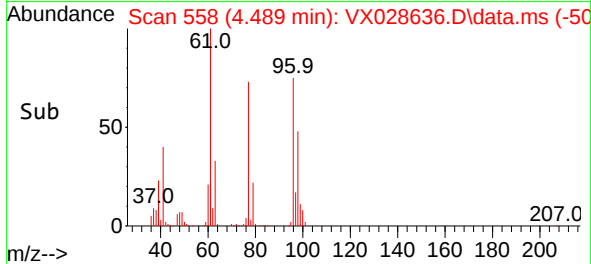
Tgt Ion:	96	Resp:	27215
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	283.8
98	64.9	0.0	129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 121.183 ug/l

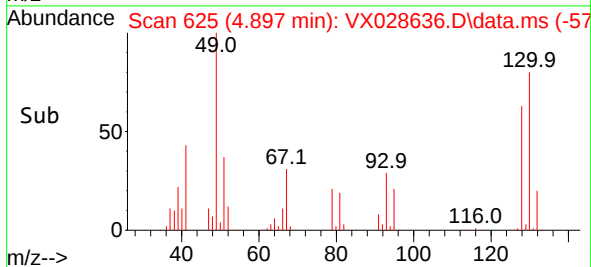
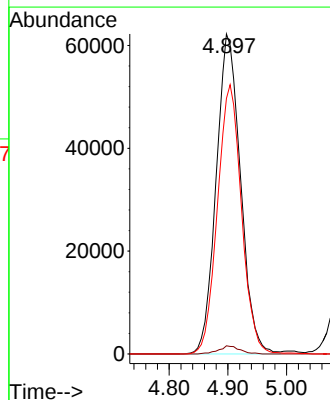
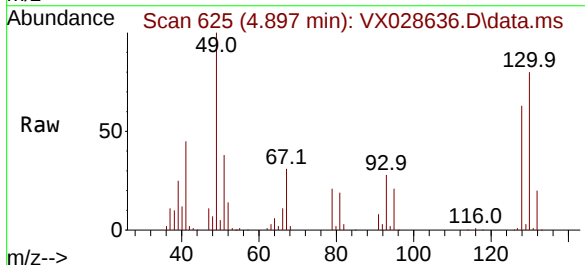
RT: 4.897 min Scan# 625

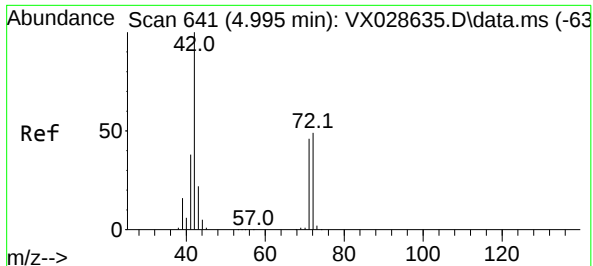
Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Tgt Ion:	49	Resp:	179042
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	83.0	70.7	106.1





#29

Tetrahydrofuran

Concen: 589.183 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.013 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 609760

Ion Ratio Lower Upper

42 100

72 49.4 44.1 66.1

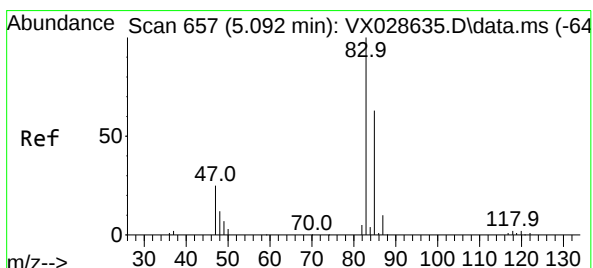
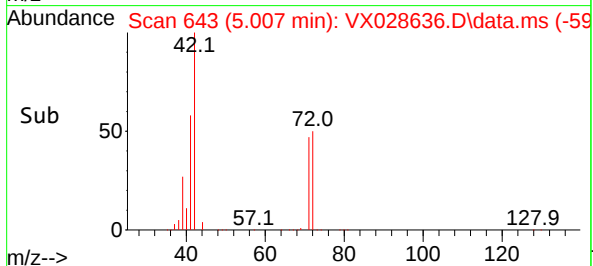
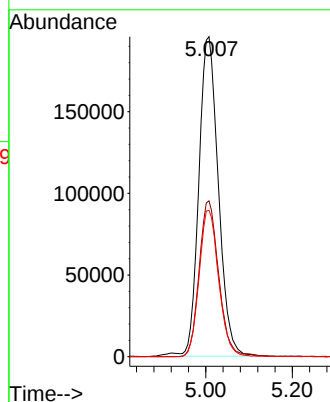
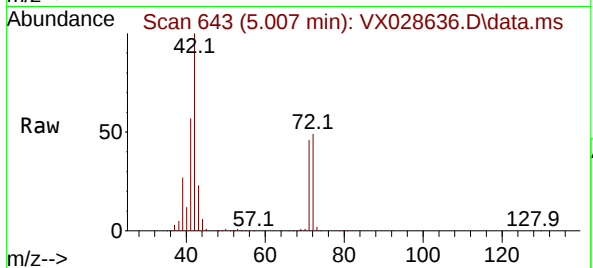
71 46.2 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 107.005 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX028636.D

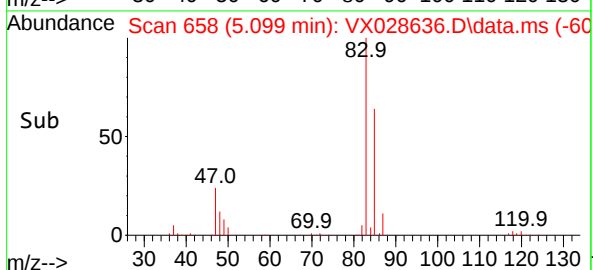
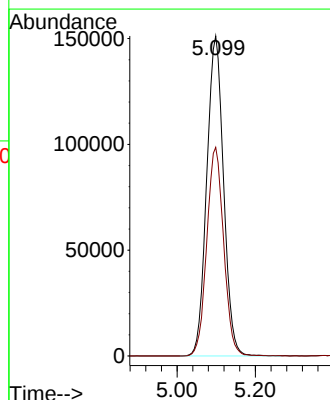
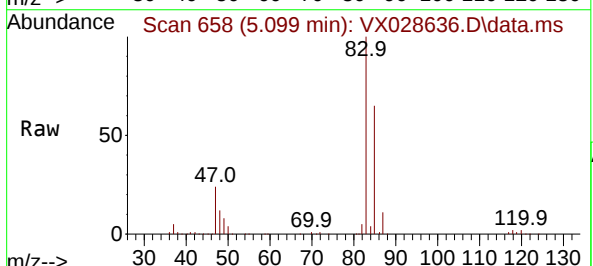
Acq: 12 May 2022 14:03

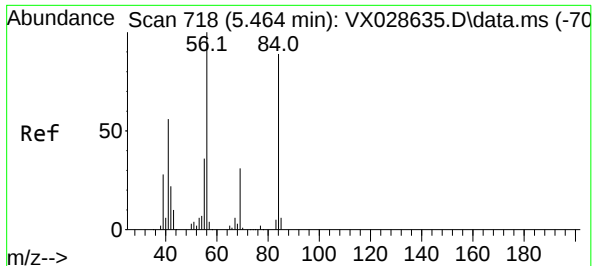
Tgt Ion: 83 Resp: 449847

Ion Ratio Lower Upper

83 100

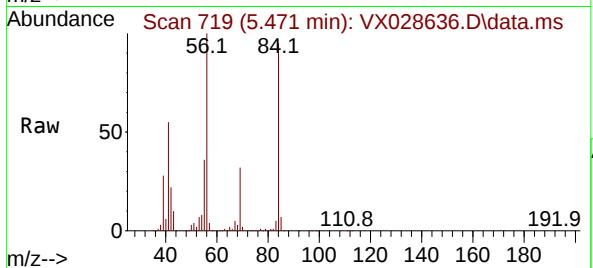
85 65.2 52.7 79.1





#31
Cyclohexane
Concen: 114.891 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

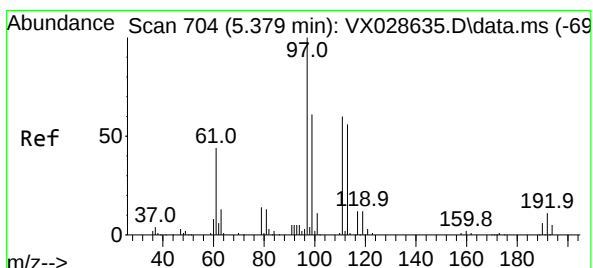
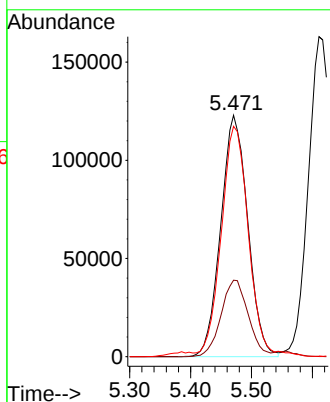
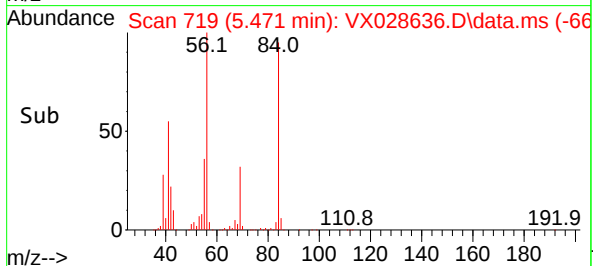
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 378986
Ion Ratio Lower Upper
56 100
69 31.7 26.7 40.1
84 93.9 77.2 115.8

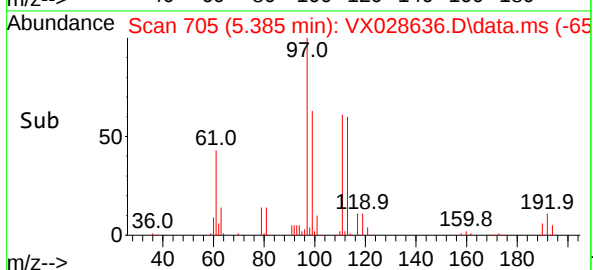
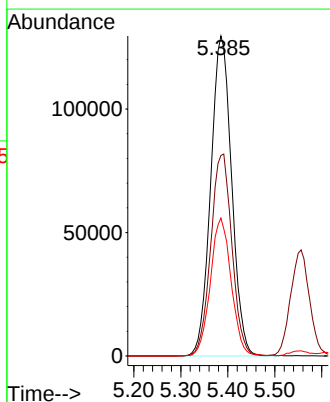
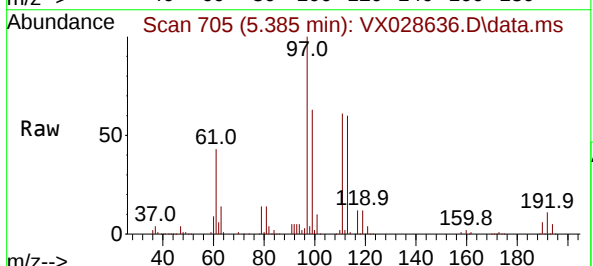
Manual Integrations
APPROVED

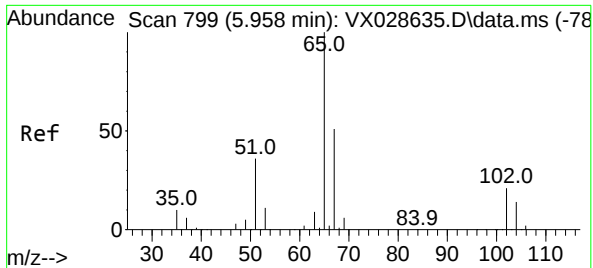
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#32
1,1,1-Trichloroethane
Concen: 105.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 97 Resp: 400374
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 42.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 106.544 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 279440

Ion Ratio Lower Upper

65 100

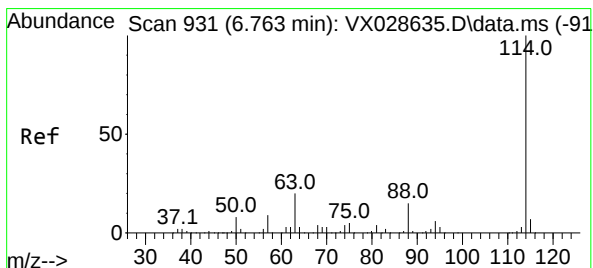
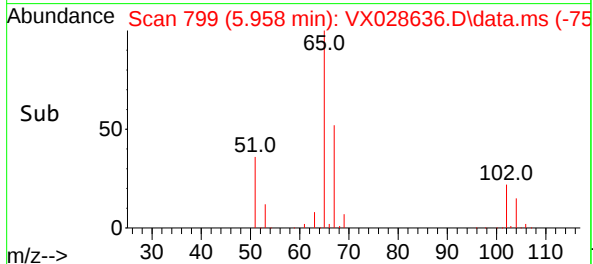
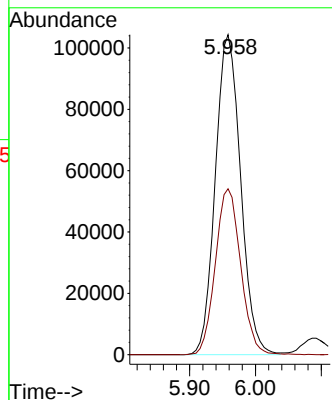
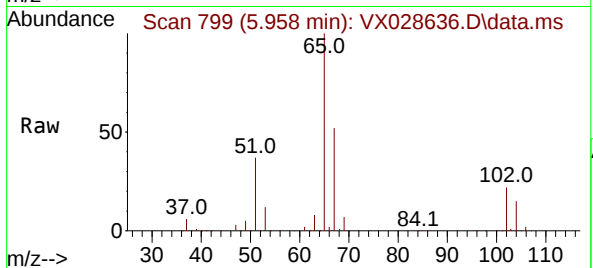
67 51.9 0.0 107.4

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: VX028636.D

Acq: 12 May 2022 14:03

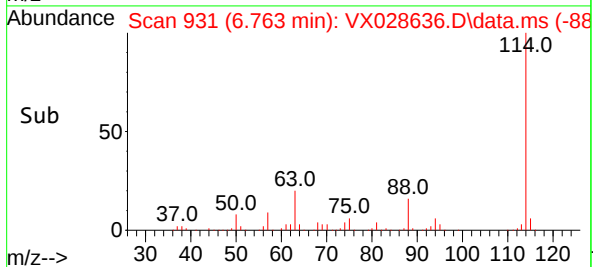
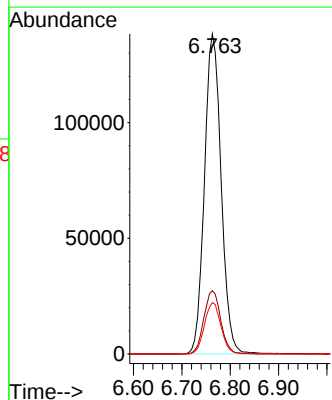
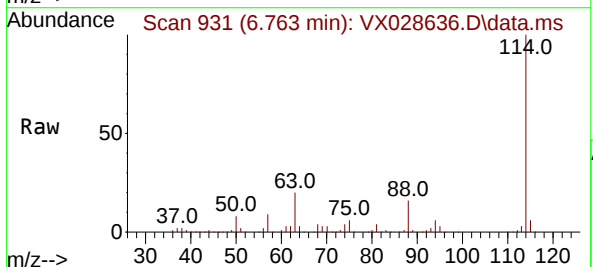
Tgt Ion:114 Resp: 332211

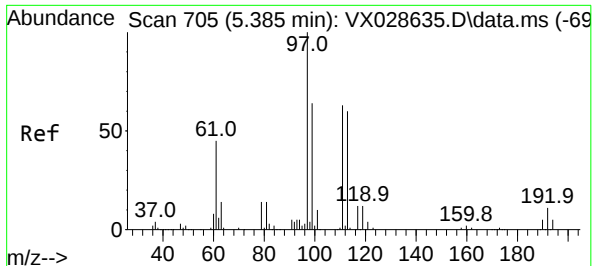
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

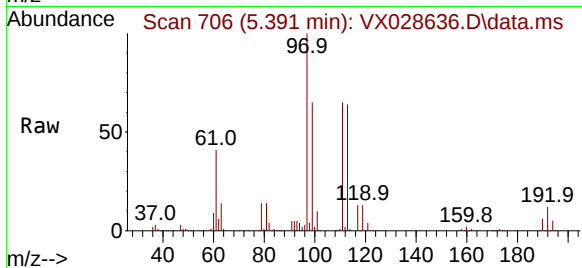
88 16.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 98.952 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

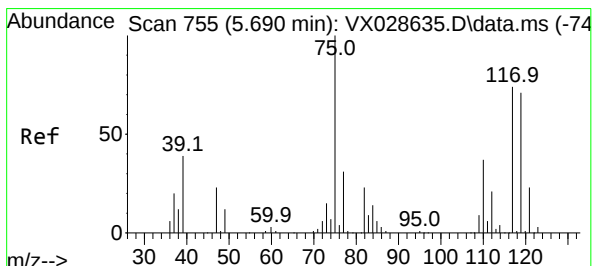
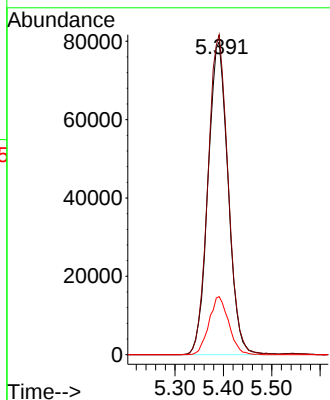
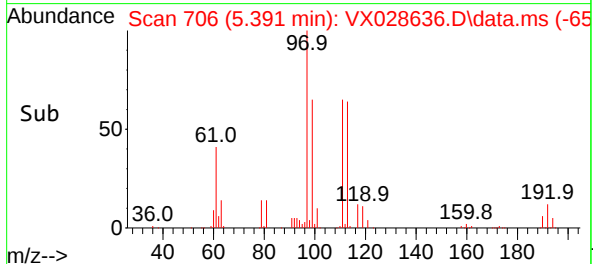
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 229830
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.3 16.9 25.3

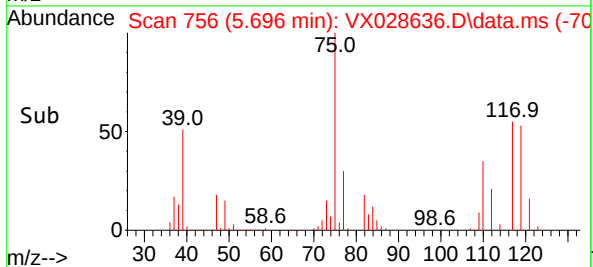
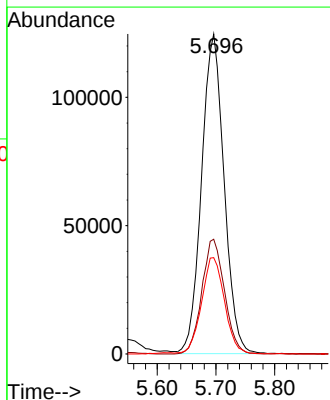
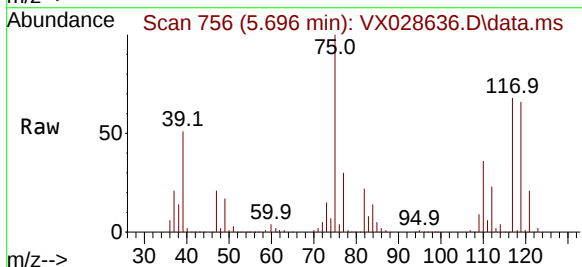
Manual Integrations
APPROVED

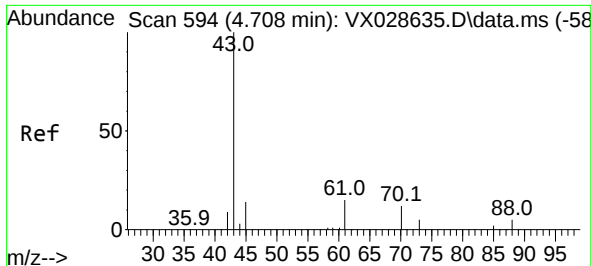
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 106.504 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 75 Resp: 332099
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 30.8 24.8 37.2





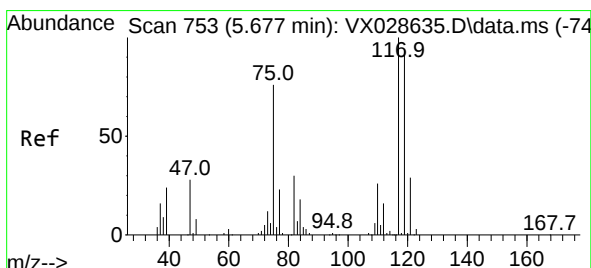
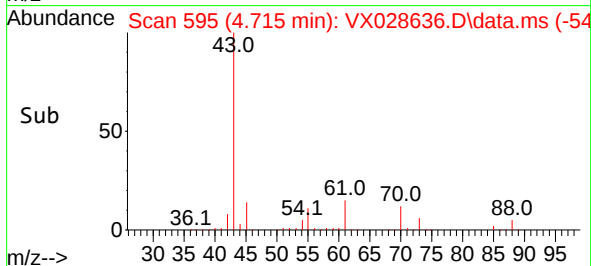
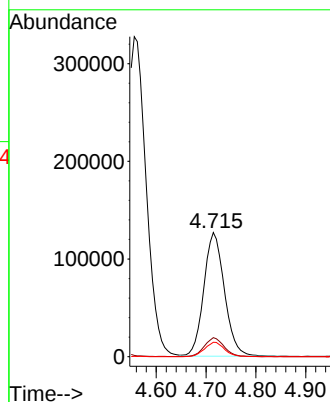
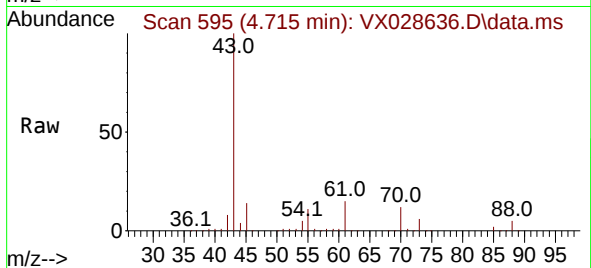
#37
Ethyl Acetate
Concen: 114.457 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 36518
Ion Ratio Lower Upper
43 100
61 14.5 12.6 19.0
70 11.2 10.2 15.2

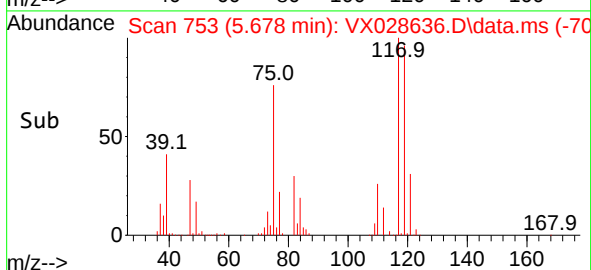
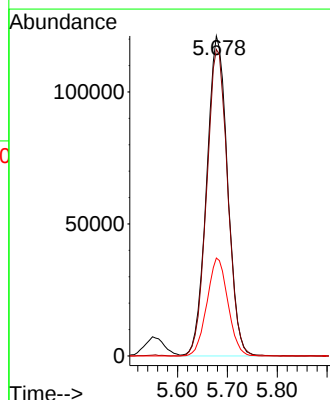
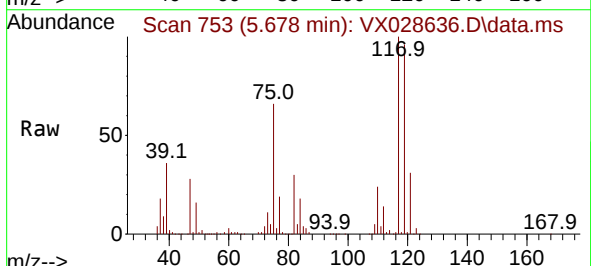
Manual Integrations
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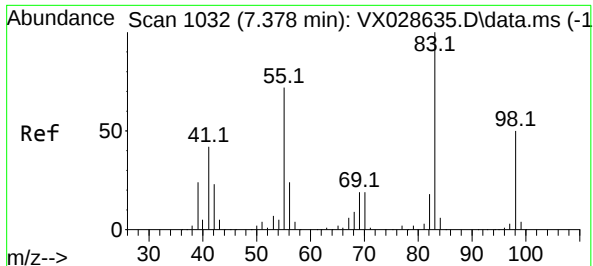
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 102.453 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion:117 Resp: 353583
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 101.084 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 392184

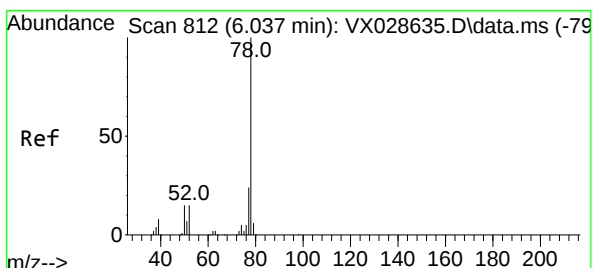
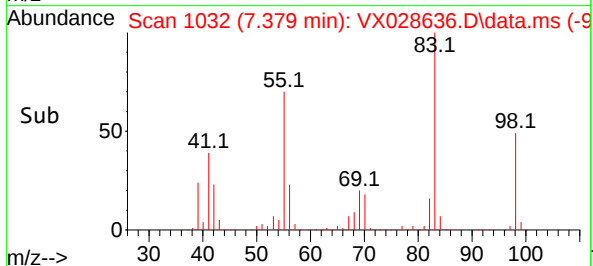
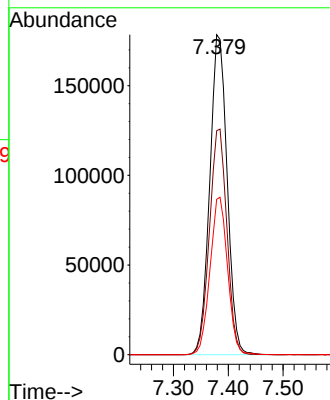
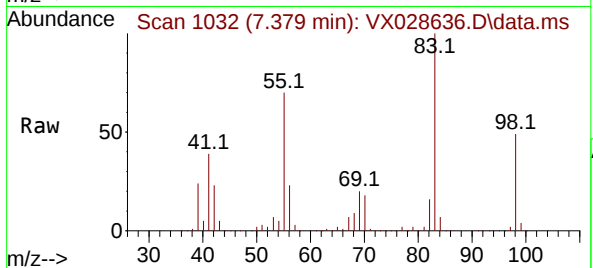
Ion	Ratio	Lower	Upper
83	100		
55	70.0	54.6	81.8
98	48.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 106.522 ug/l

RT: 6.038 min Scan# 812

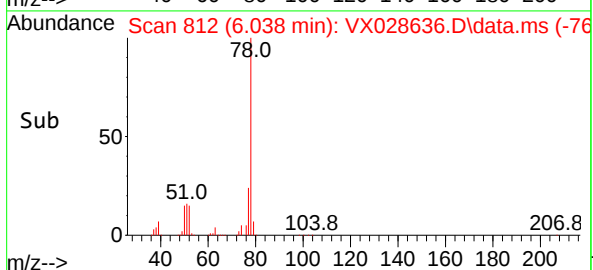
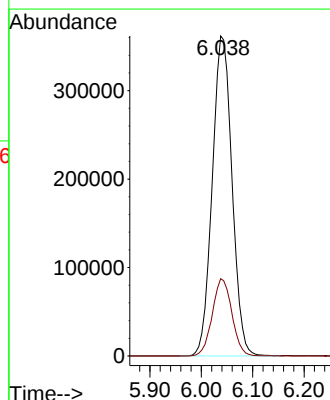
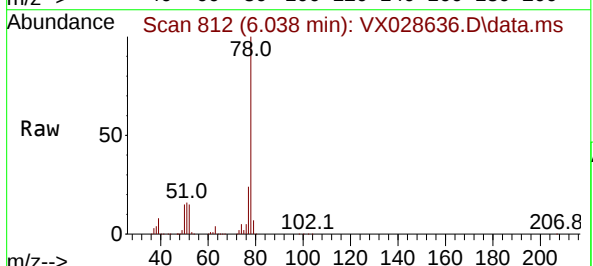
Delta R.T. 0.000 min

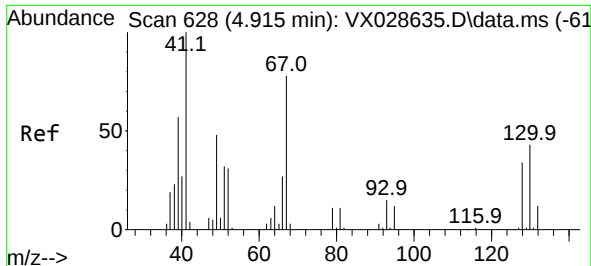
Lab File: VX028636.D

Acq: 12 May 2022 14:03

Tgt Ion: 78 Resp: 964653

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





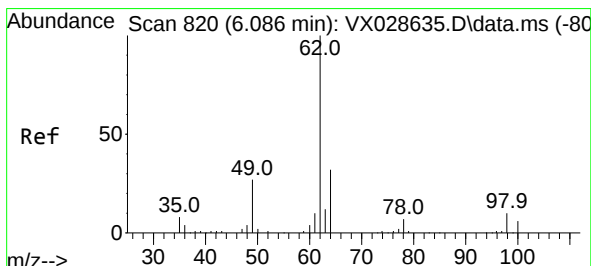
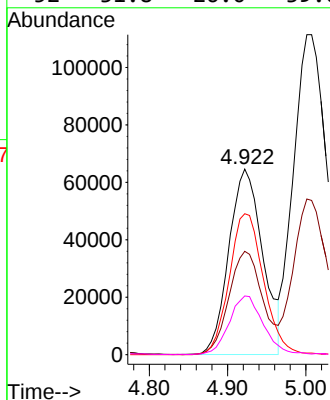
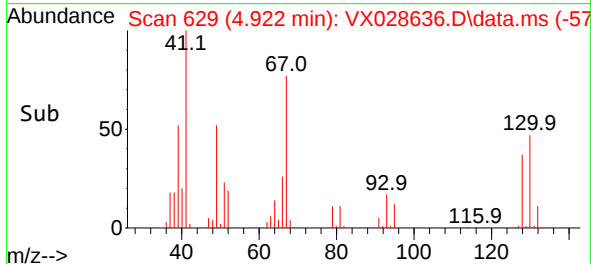
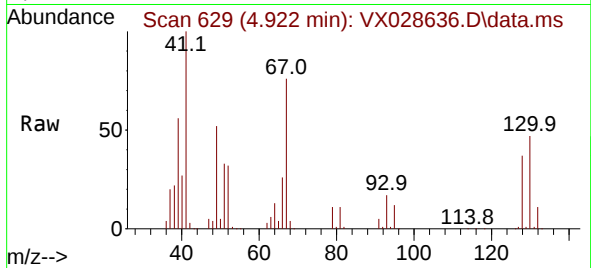
#41
Methacrylonitrile
Concen: 118.193 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 194352
Ion Ratio Lower Upper
41 100
39 55.9 43.0 64.4
67 77.1 70.2 105.4
52 31.8 26.0 39.0

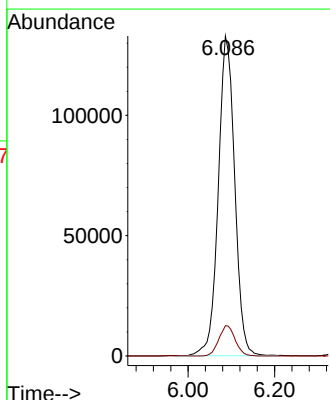
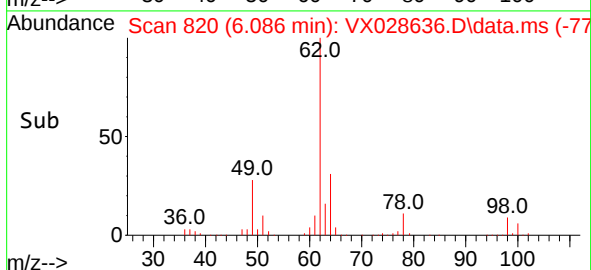
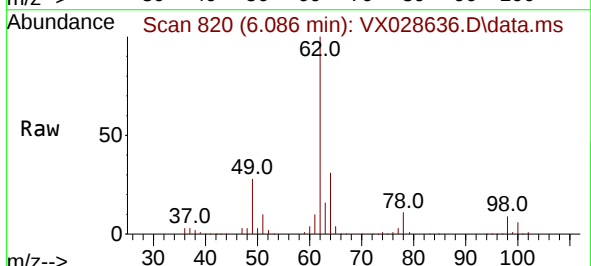
Manual Integrations
APPROVED

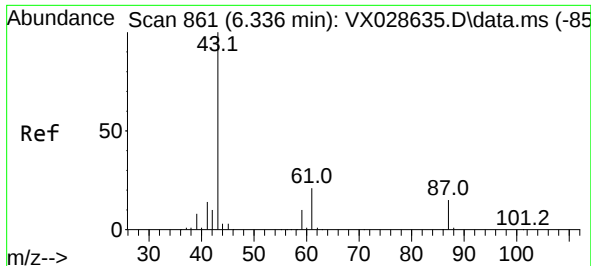
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 104.359 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 62 Resp: 351009
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 112.046 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 577334

Ion Ratio Lower Upper

43 100

61 20.6 18.5 27.7

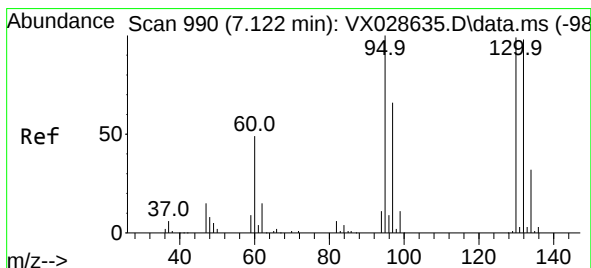
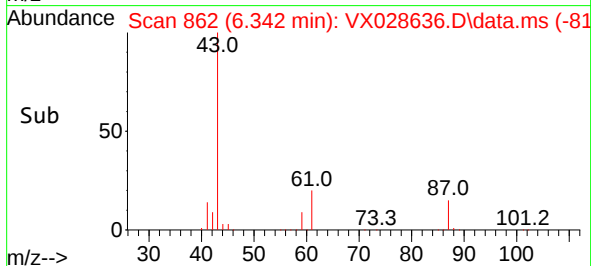
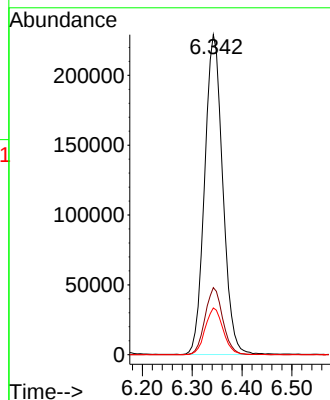
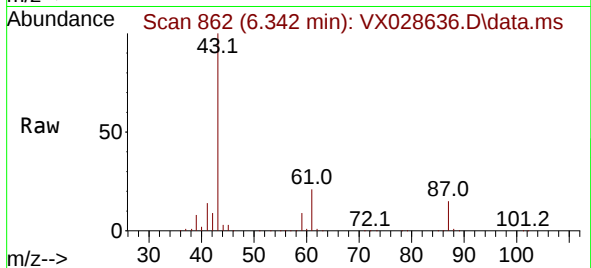
87 14.5 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 100.929 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX028636.D

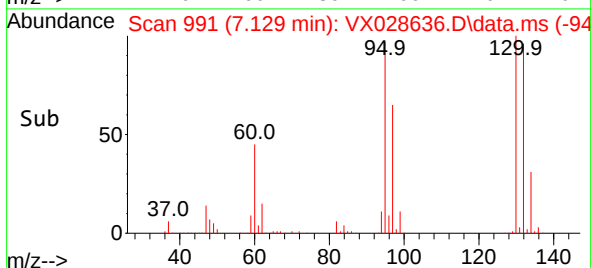
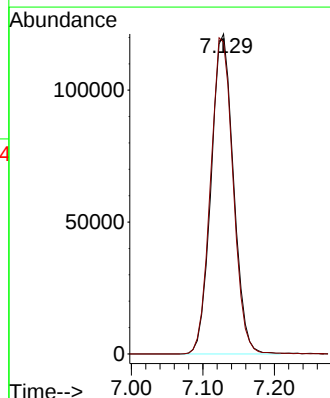
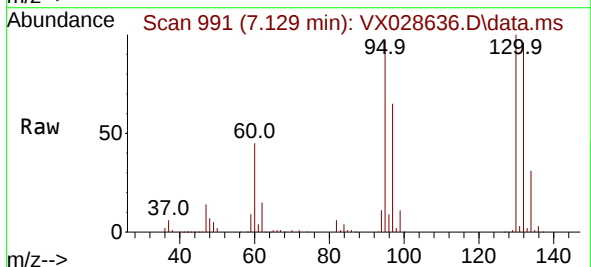
Acq: 12 May 2022 14:03

Tgt Ion:130 Resp: 263549

Ion Ratio Lower Upper

130 100

95 97.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 109.899 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 24510

Ion Ratio Lower Upper

63 100

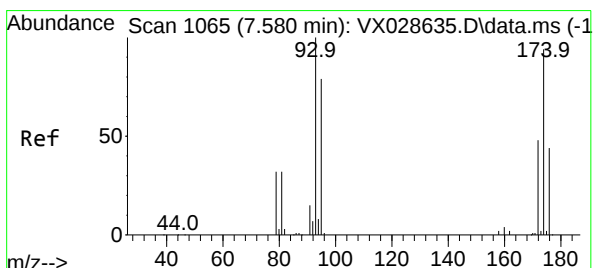
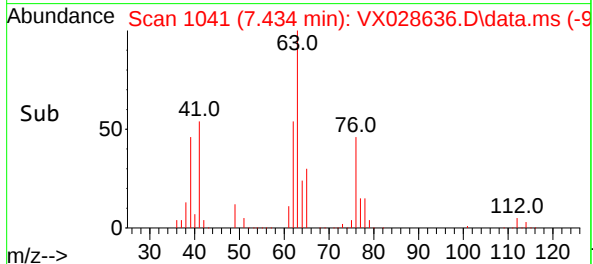
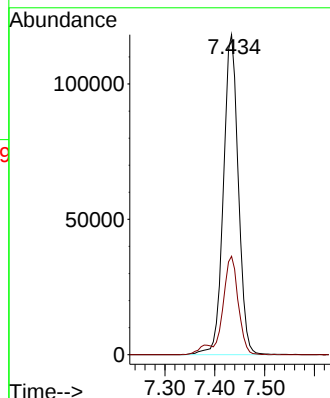
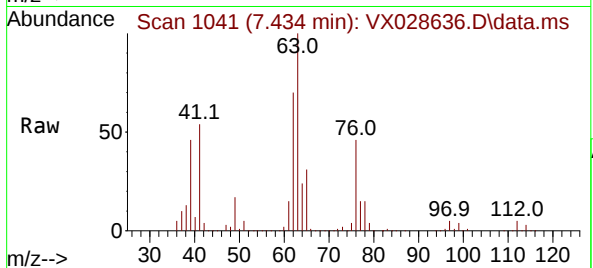
65 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 103.856 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

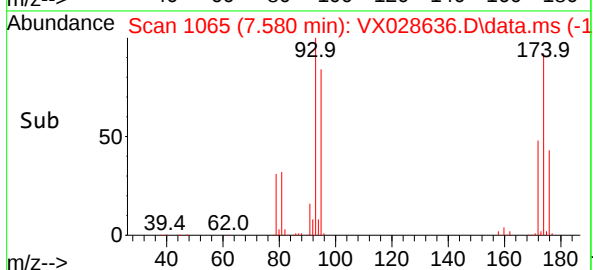
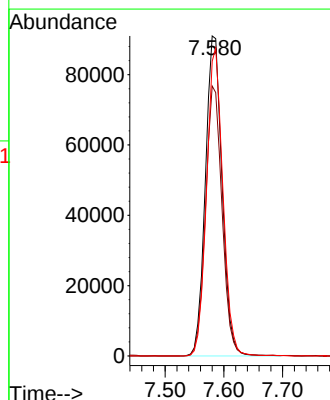
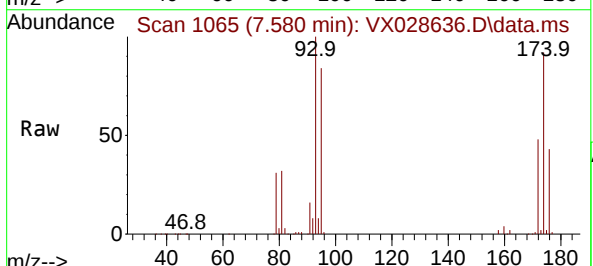
Tgt Ion: 93 Resp: 180361

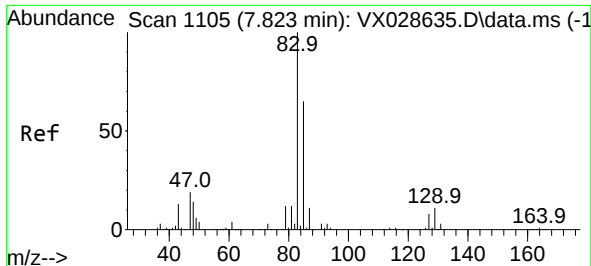
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.6

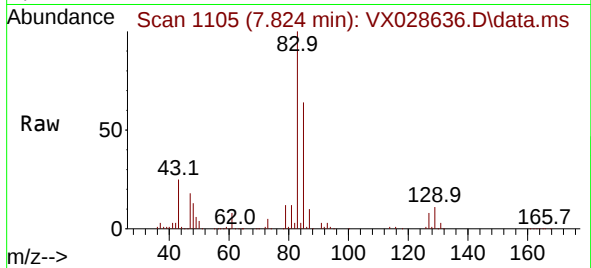
174 93.7 85.4 128.2





#47
Bromodichloromethane
Concen: 105.477 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

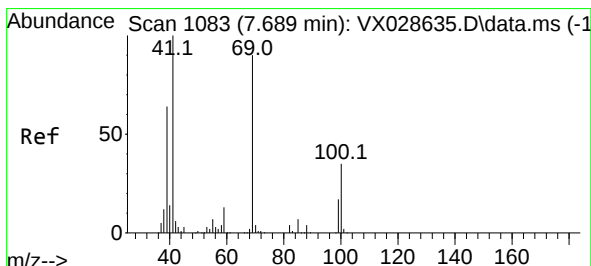
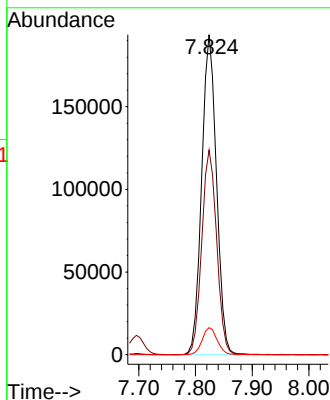
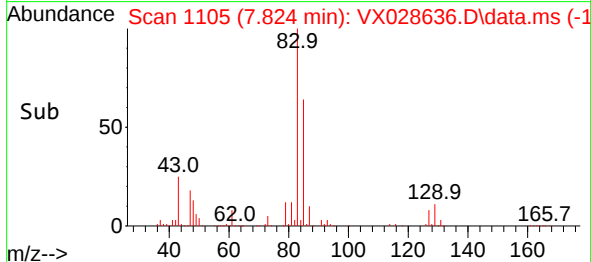
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



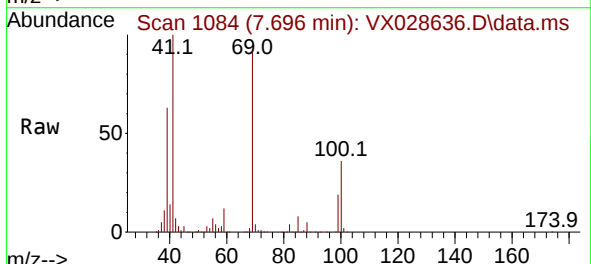
Tgt Ion: 83 Resp: 35059
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.2
127 8.5 6.8 10.2

Manual Integrations
APPROVED

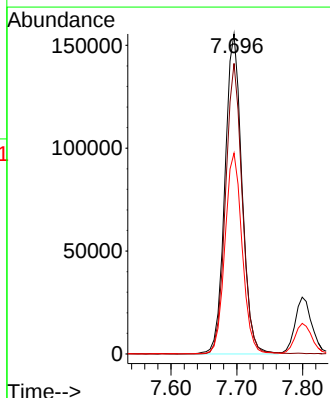
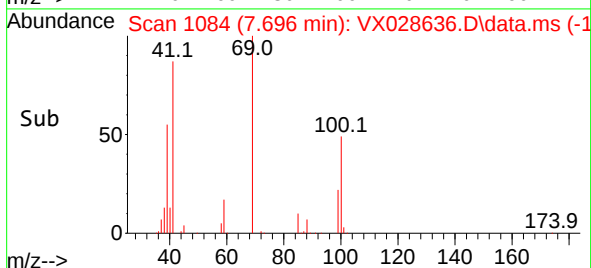
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

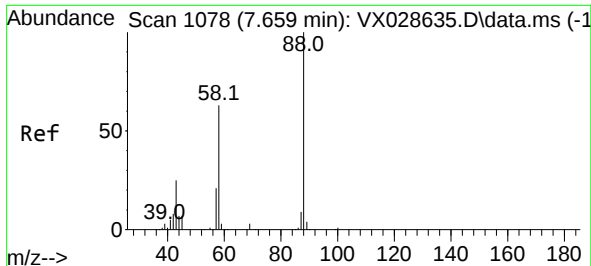


#48
Methyl methacrylate
Concen: 117.389 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



Tgt Ion: 41 Resp: 280686
Ion Ratio Lower Upper
41 100
69 89.0 82.5 123.7
39 63.3 43.8 65.8





#49

1,4-Dioxane

Concen: 2227.567 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 138754

Ion Ratio Lower Upper

88 100

43 29.6 21.9 32.9

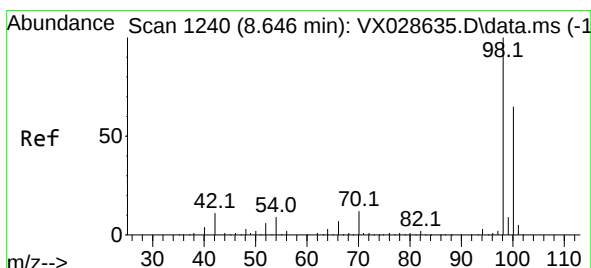
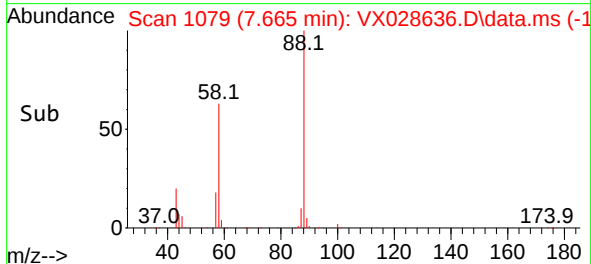
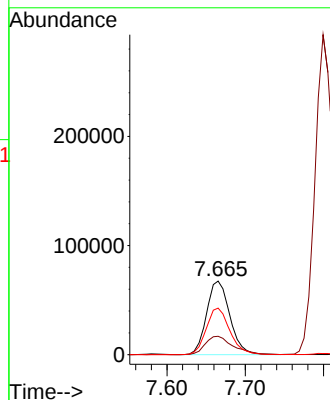
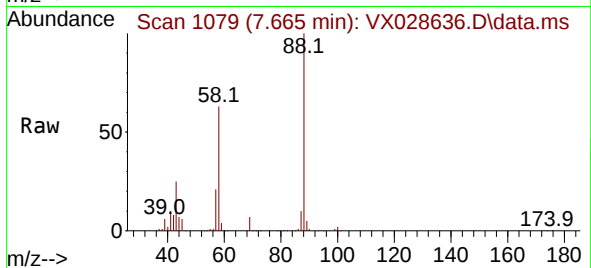
58 64.7 53.7 80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 97.612 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX028636.D

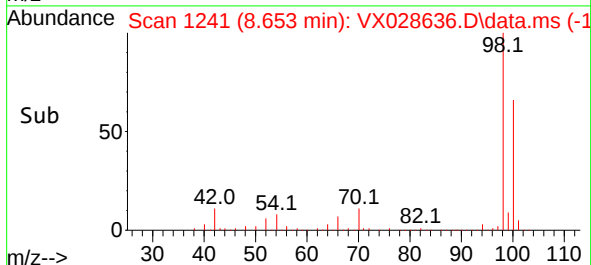
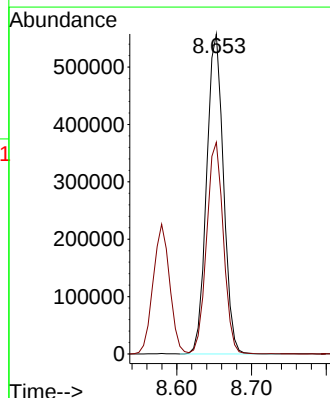
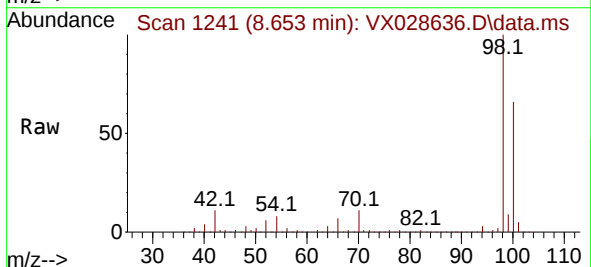
Acq: 12 May 2022 14:03

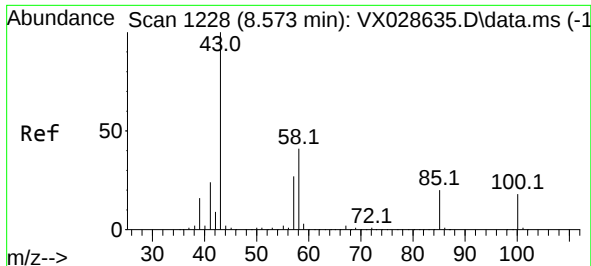
Tgt Ion: 98 Resp: 868339

Ion Ratio Lower Upper

98 100

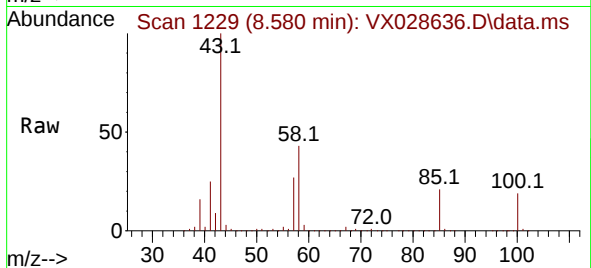
100 66.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 569.978 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

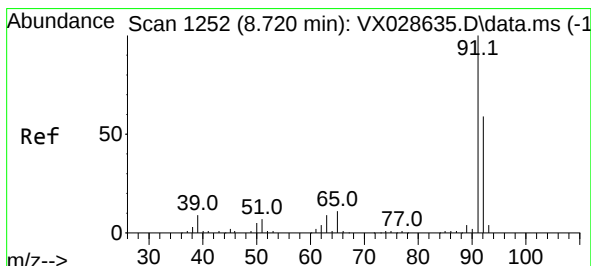
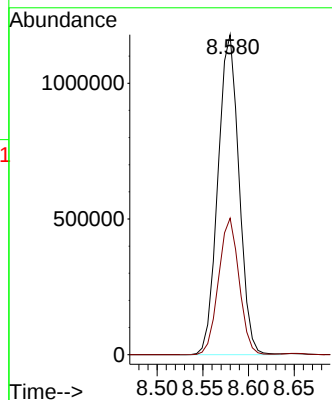
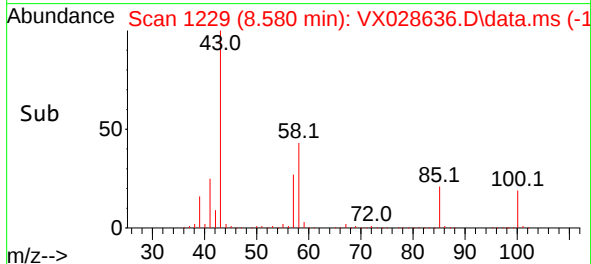
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



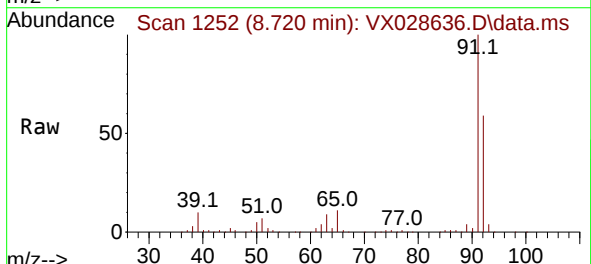
Tgt Ion: 43 Resp: 189012
Ion Ratio Lower Upper
43 100
58 41.6 36.1 54.1

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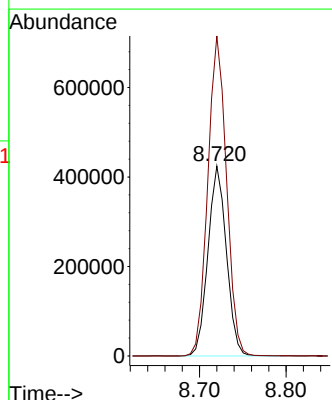
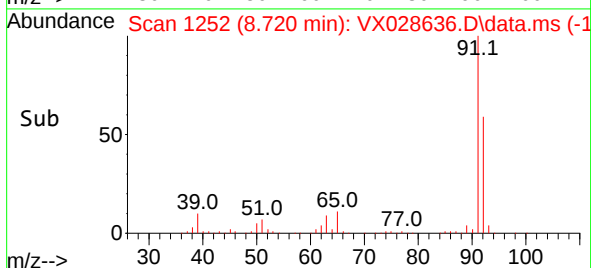
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

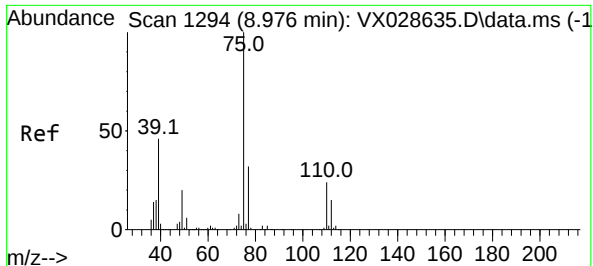


#52
Toluene
Concen: 100.779 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



Tgt Ion: 92 Resp: 628131
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3





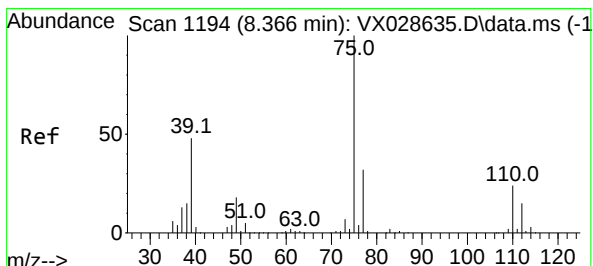
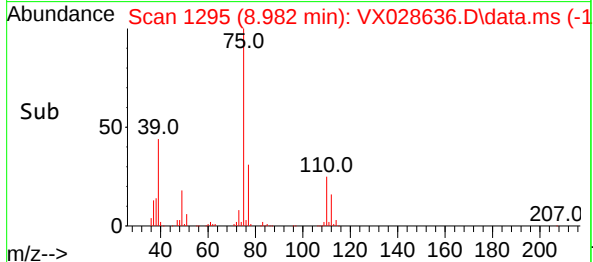
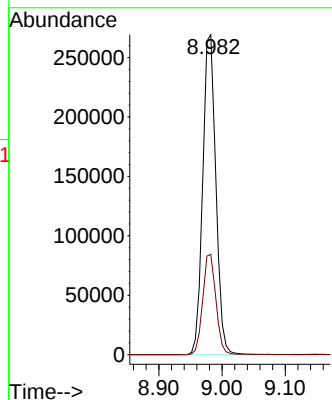
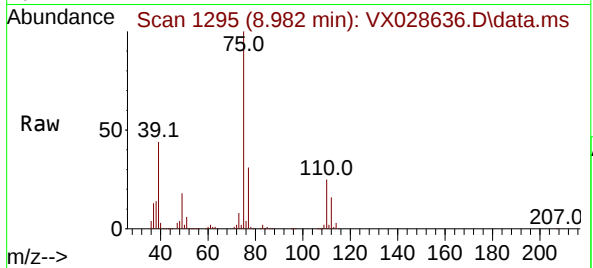
#53
t-1,3-Dichloropropene
Concen: 111.068 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 39005
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

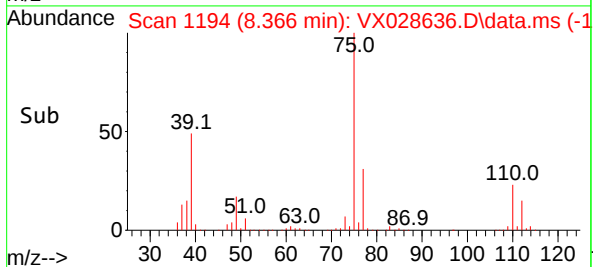
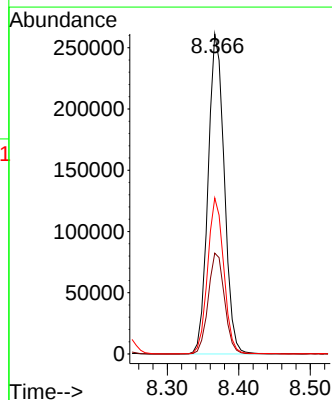
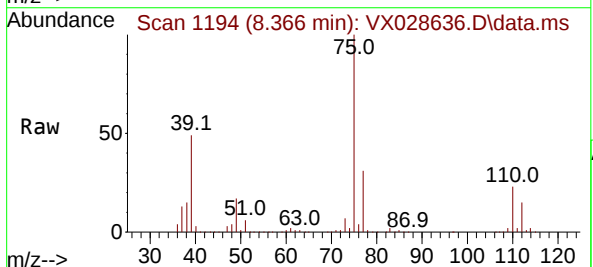
Manual Integrations
APPROVED

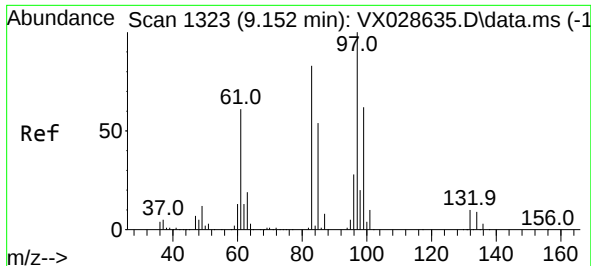
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 108.247 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion: 75 Resp: 410921
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 48.7 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 101.584 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 257500

Ion Ratio Lower Upper

97 100

83 83.0 66.2 99.4

85 53.8 42.9 64.3

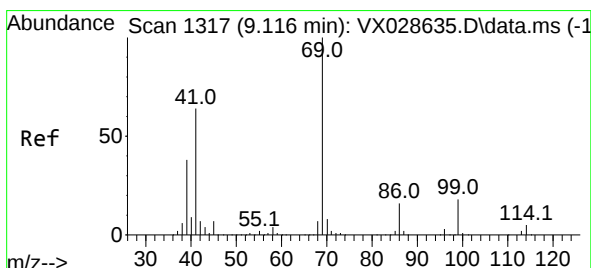
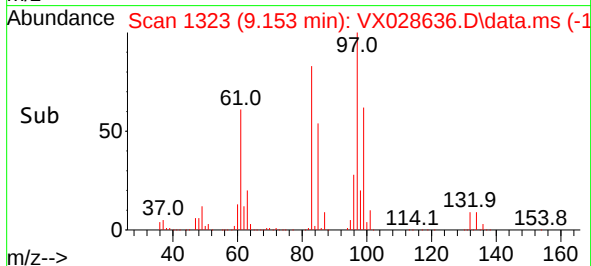
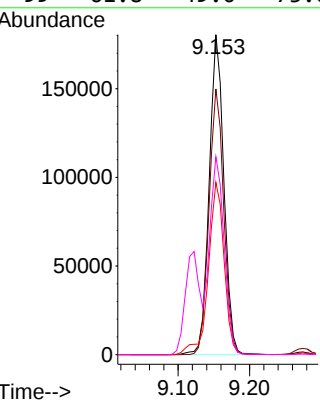
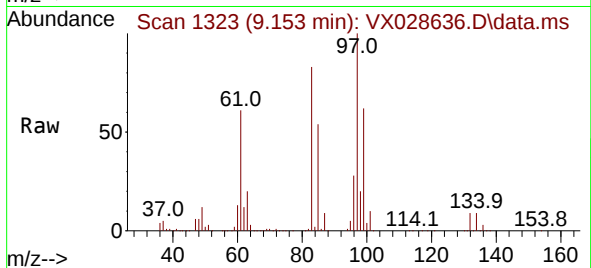
99 61.8 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 114.273 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

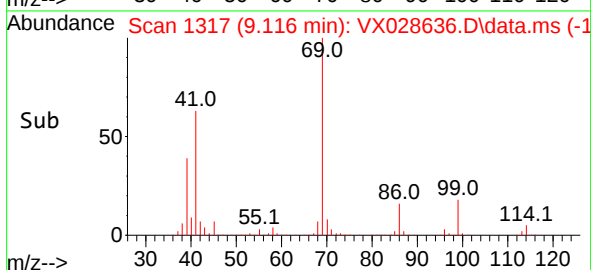
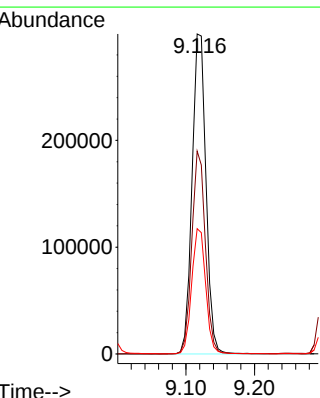
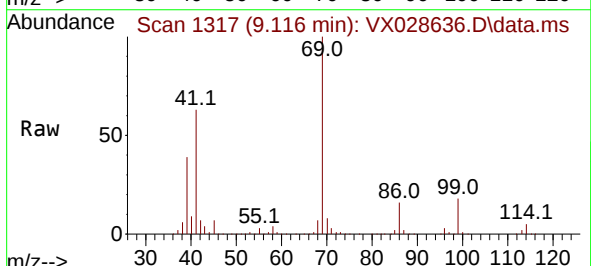
Tgt Ion: 69 Resp: 422995

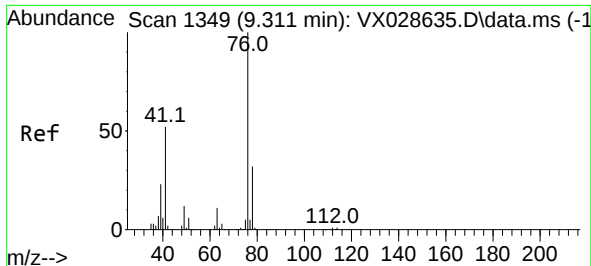
Ion Ratio Lower Upper

69 100

41 62.0 43.8 65.6

39 39.5 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 105.228 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 43331

Ion Ratio Lower Upper

76 100

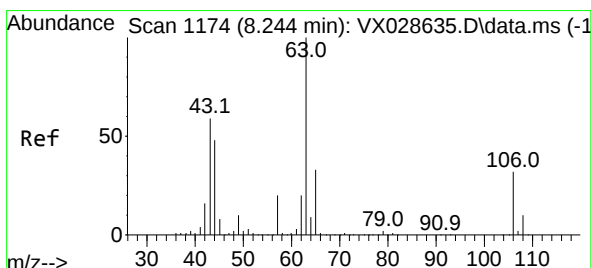
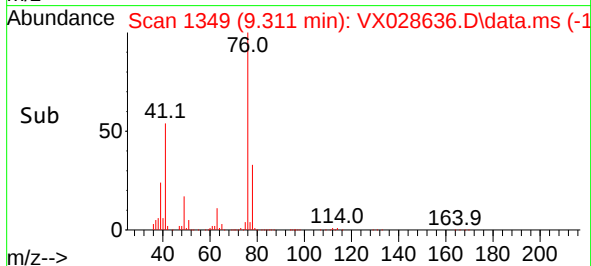
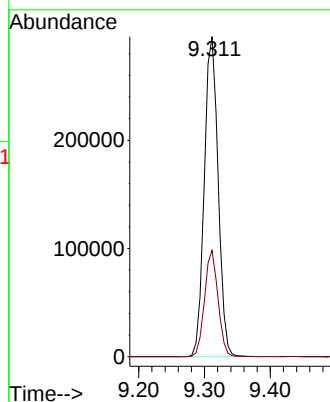
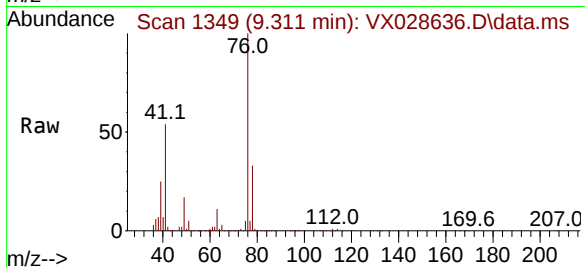
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 593.788 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028636.D

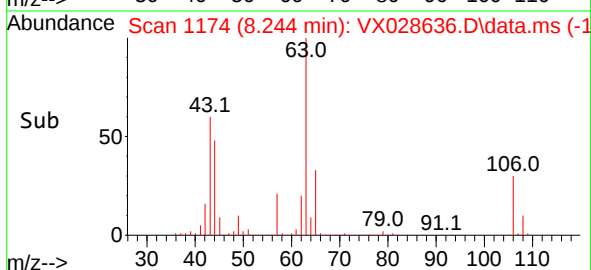
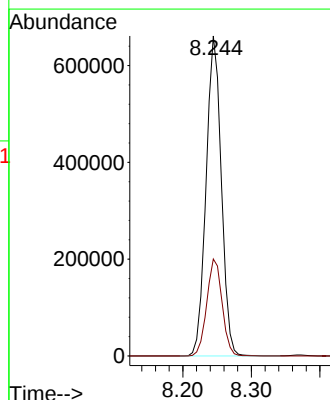
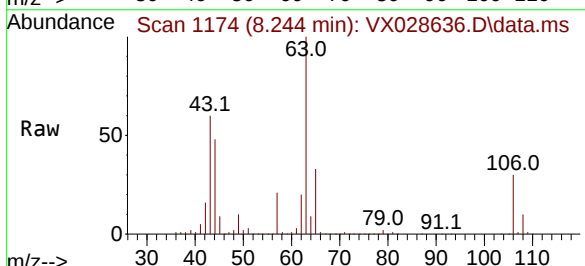
Acq: 12 May 2022 14:03

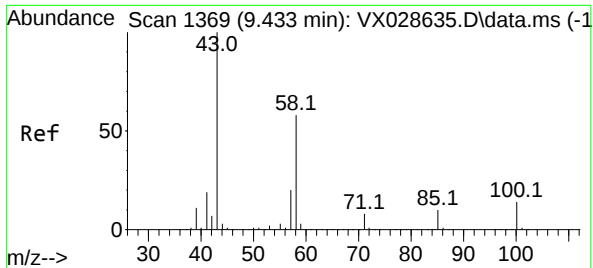
Tgt Ion: 63 Resp: 1022133

Ion Ratio Lower Upper

63 100

106 30.5 23.9 35.9





#59

2-Hexanone

Concen: 587.867 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 151307

Ion Ratio Lower Upper

43 100

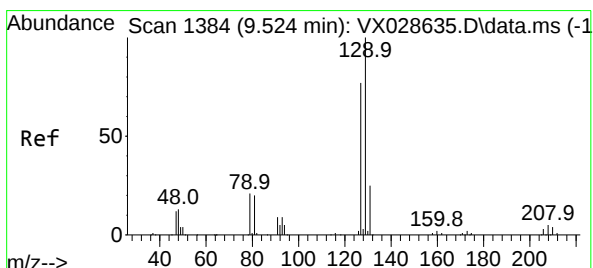
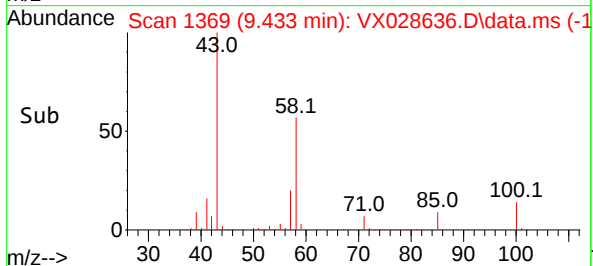
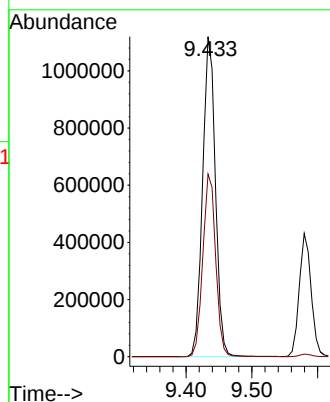
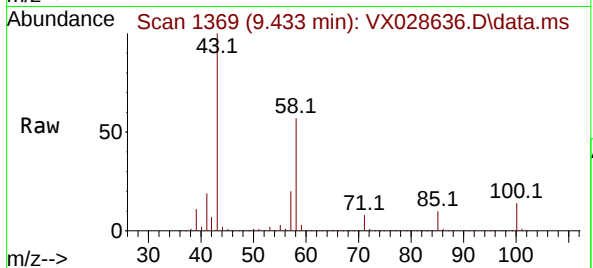
58 57.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#60

Dibromochloromethane

Concen: 101.221 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028636.D

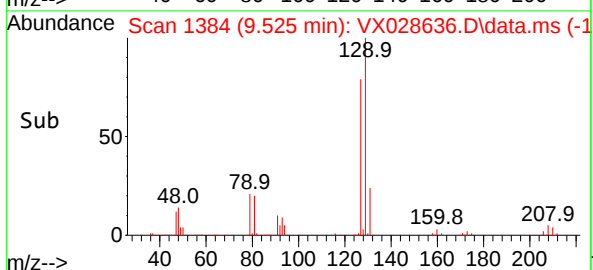
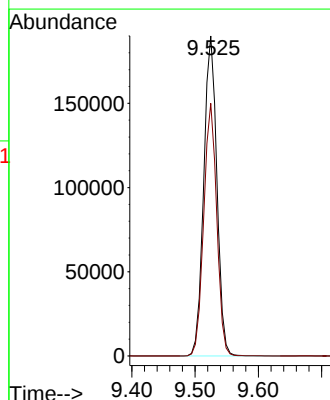
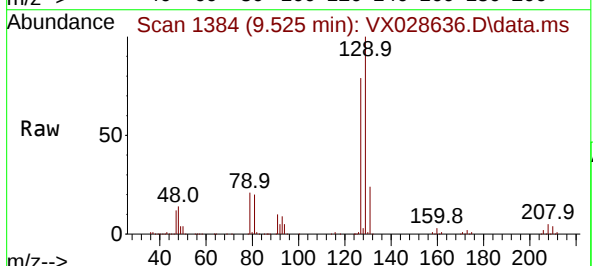
Acq: 12 May 2022 14:03

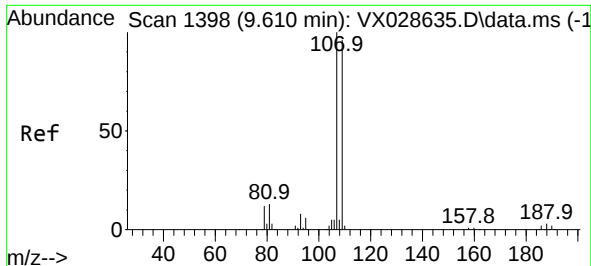
Tgt Ion:129 Resp: 274926

Ion Ratio Lower Upper

129 100

127 78.3 40.3 120.8





#61
1,2-Dibromoethane
Concen: 101.213 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

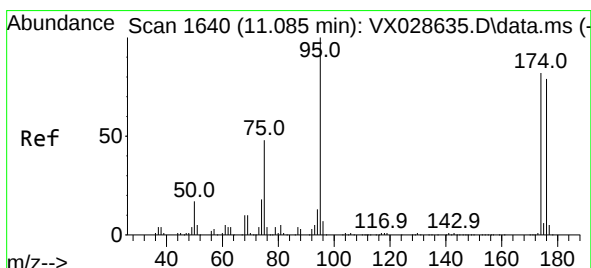
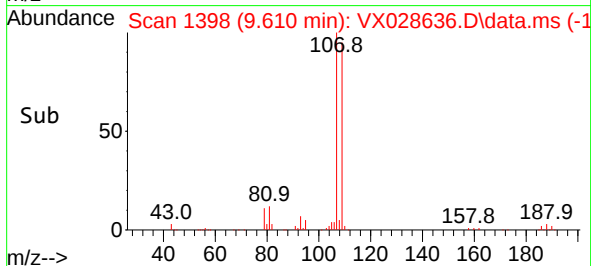
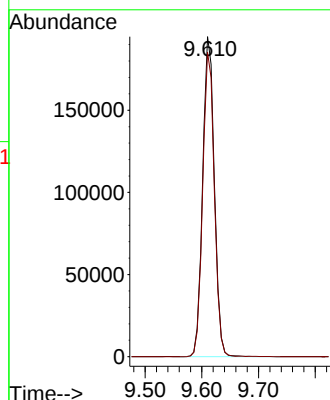
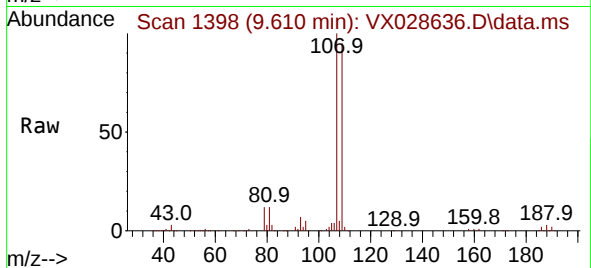
VSTDICC100

Tgt Ion:107 Resp: 27825
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6

Manual Integrations

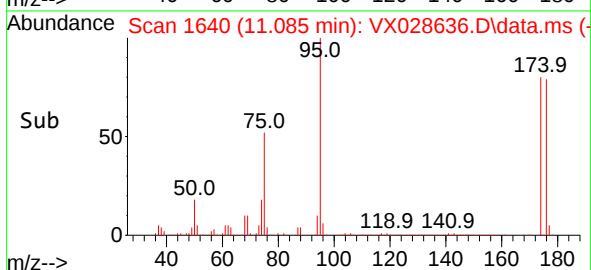
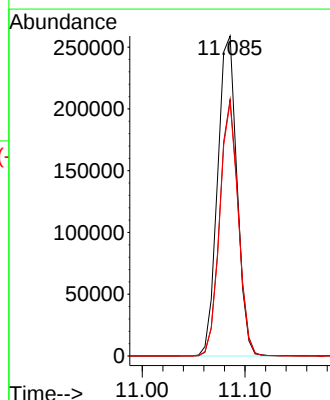
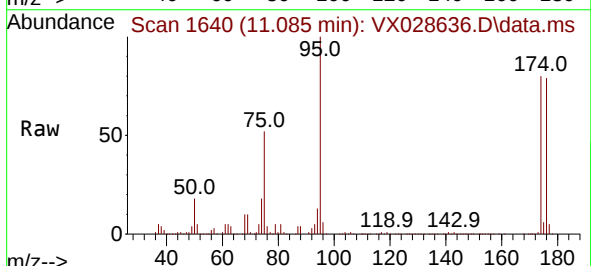
APPROVED

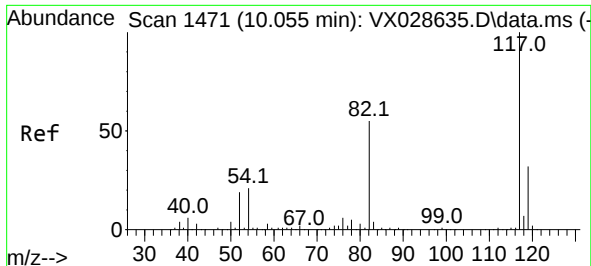
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 100.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

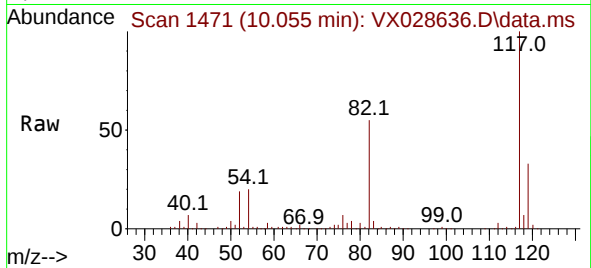
Tgt Ion: 95 Resp: 338644
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 75.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

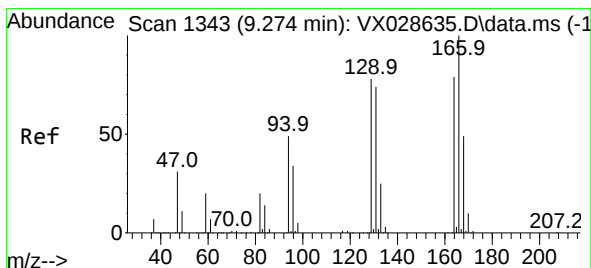
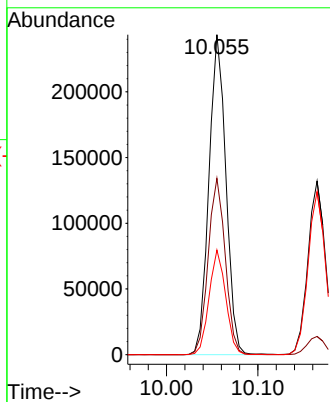
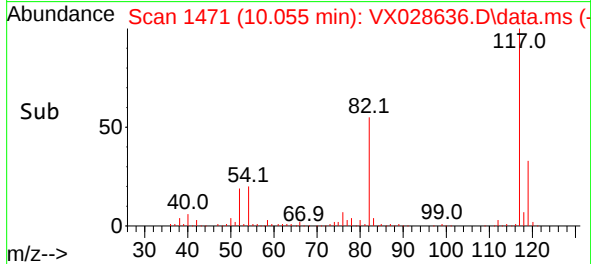
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 31313
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.7 24.8 37.2

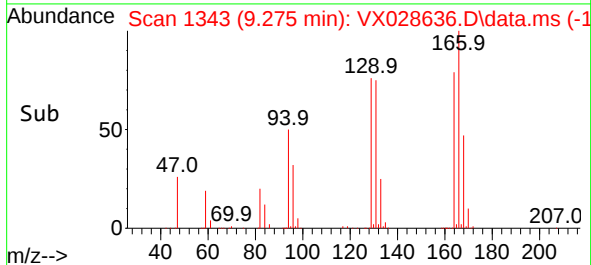
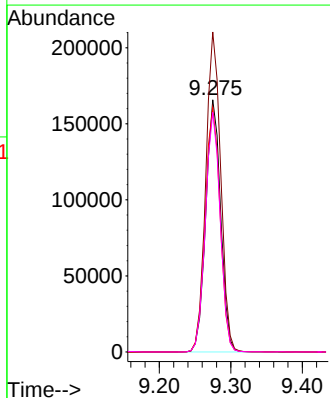
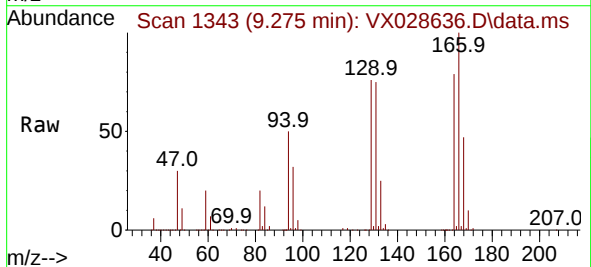
Manual Integrations
APPROVED

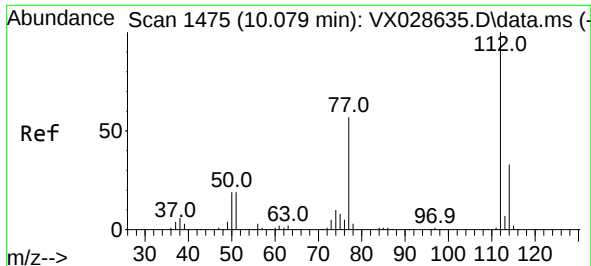
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 96.631 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

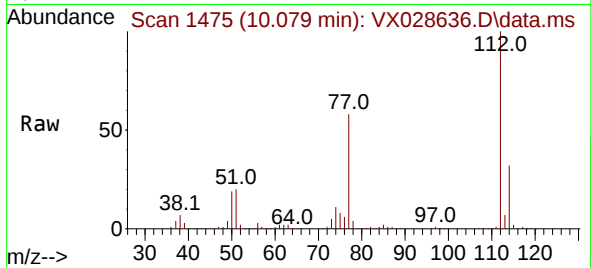
Tgt Ion:164 Resp: 239129
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 96.9 73.0 109.4
131 95.0 74.2 111.2





#65
Chlorobenzene
Concen: 102.268 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

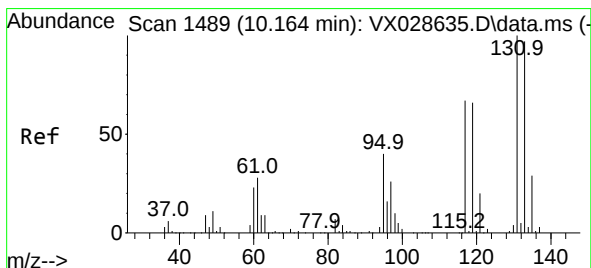
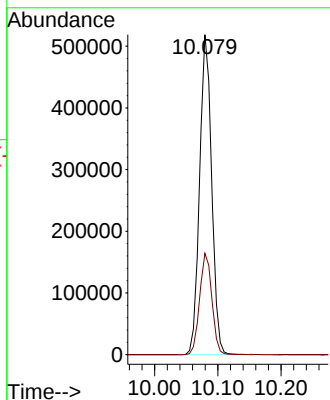
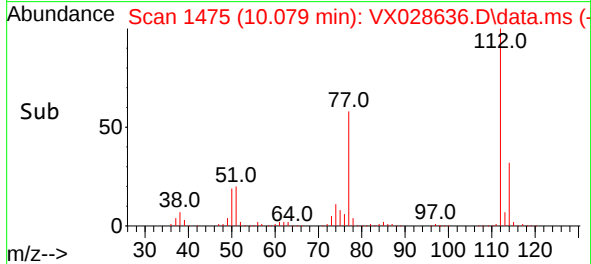
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



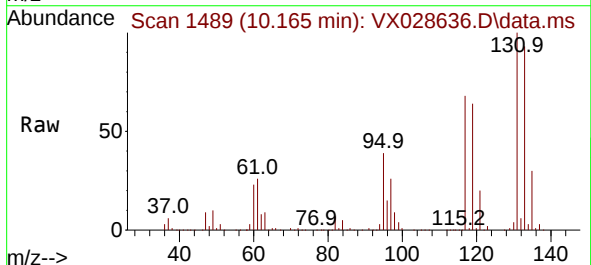
Tgt Ion:112 Resp: 68939
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

Manual Integrations
APPROVED

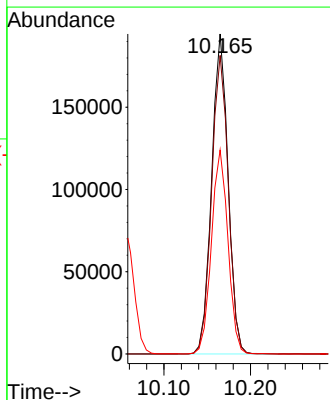
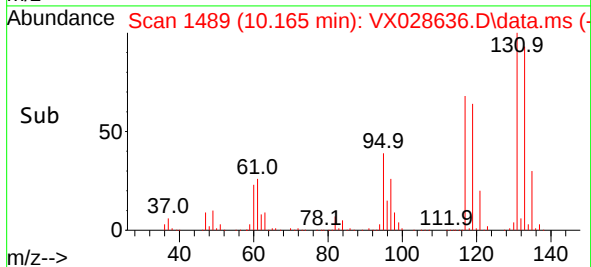
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

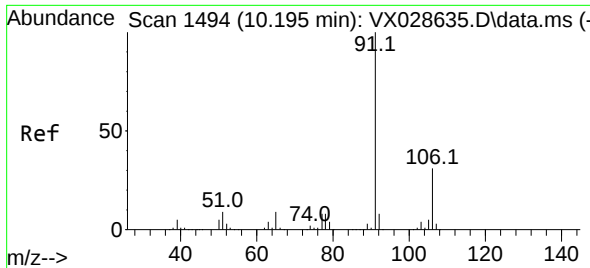


#66
1,1,1,2-Tetrachloroethane
Concen: 102.919 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



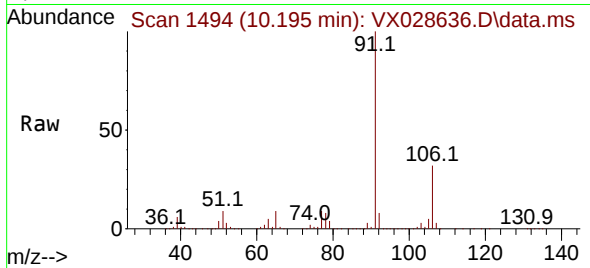
Tgt Ion:131 Resp: 256550
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 64.2 32.6 98.0





#67
Ethyl Benzene
Concen: 108.676 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

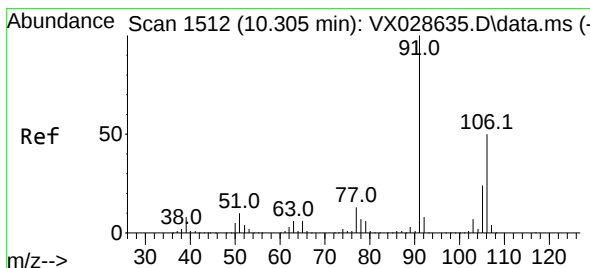
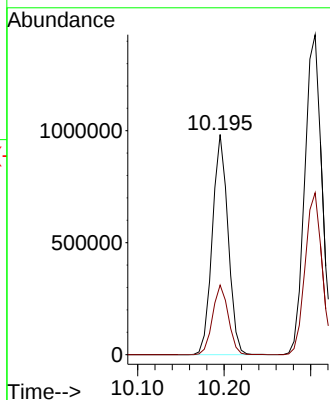
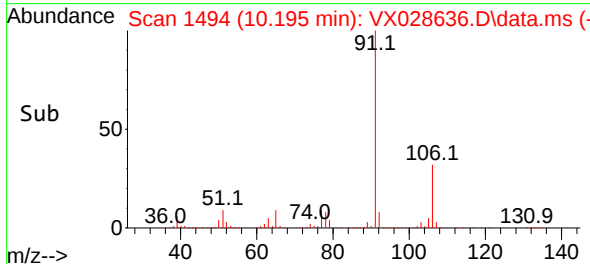
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



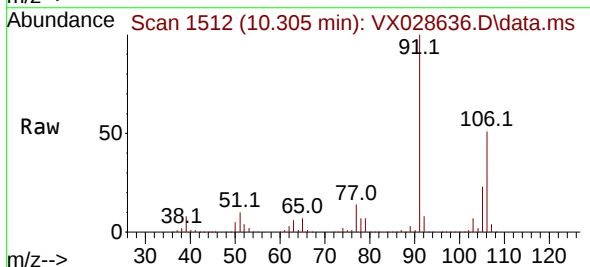
Tgt Ion: 91 Resp: 1240295
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

Manual Integrations
APPROVED

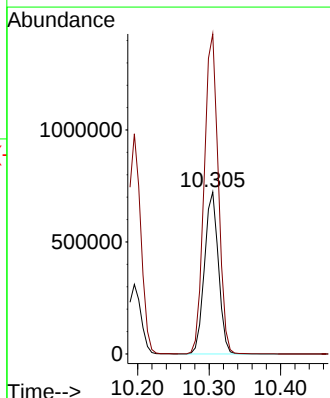
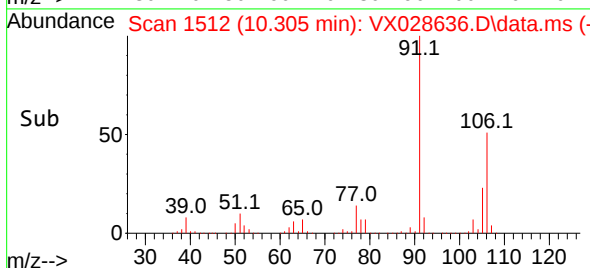
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

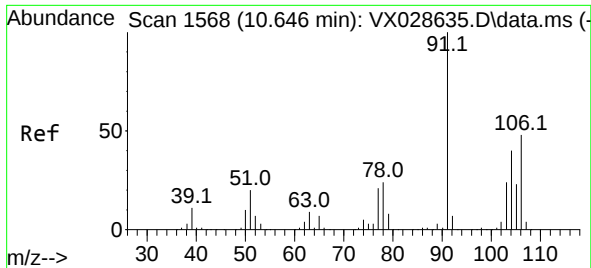


#68
m/p-Xylenes
Concen: 212.502 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



Tgt Ion:106 Resp: 978289
Ion Ratio Lower Upper
106 100
91 200.1 160.4 240.6





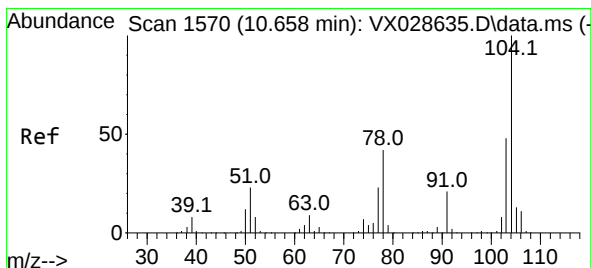
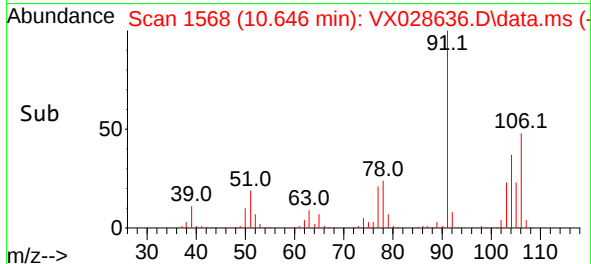
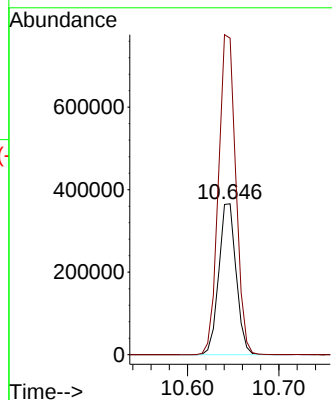
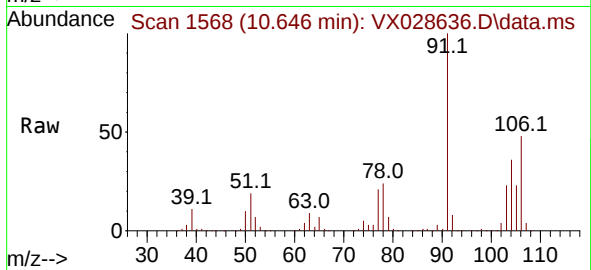
#69
o-Xylene
Concen: 105.555 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 483220
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.1

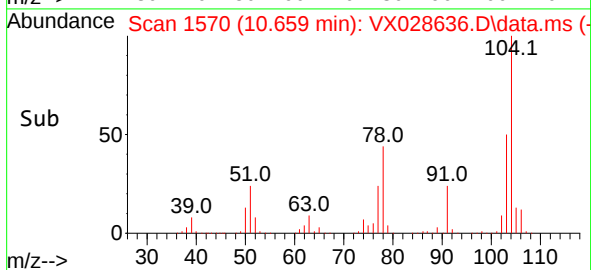
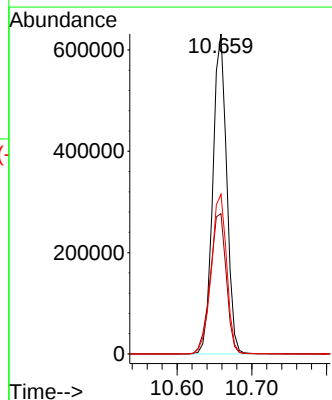
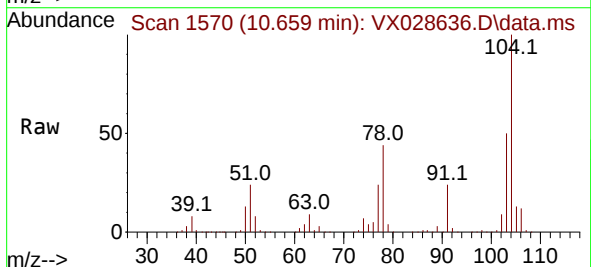
Manual Integrations
APPROVED

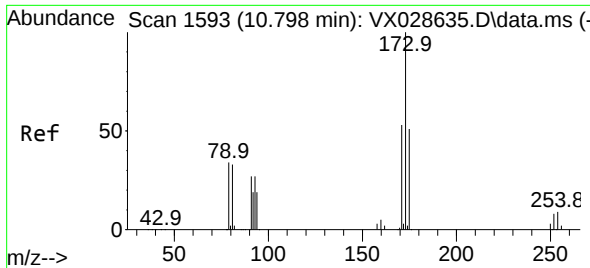
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 109.354 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

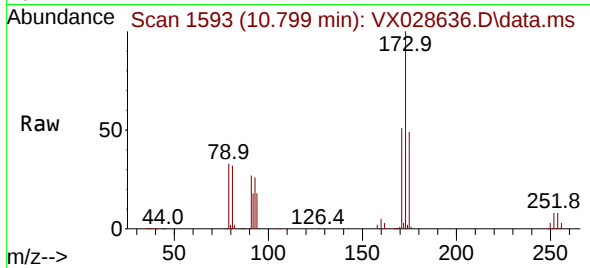
Tgt Ion:104 Resp: 814893
Ion Ratio Lower Upper
104 100
78 51.0 38.6 57.8
103 55.3 43.8 65.8





#71
Bromoform
Concen: 106.632 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

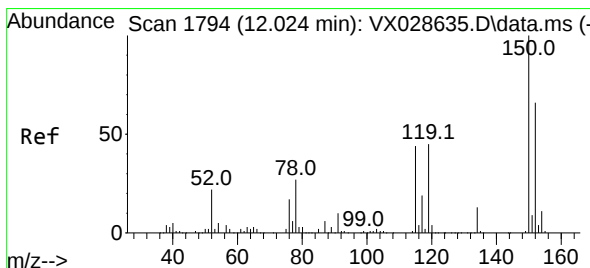
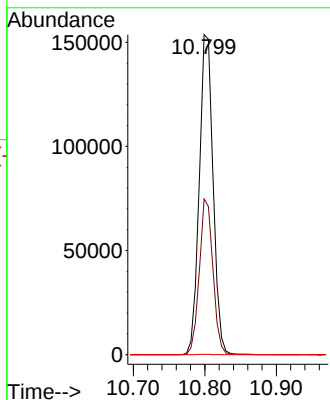
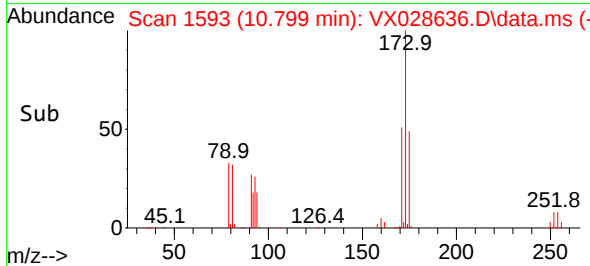
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 207028
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.2
254 0.1 0.1 0.1

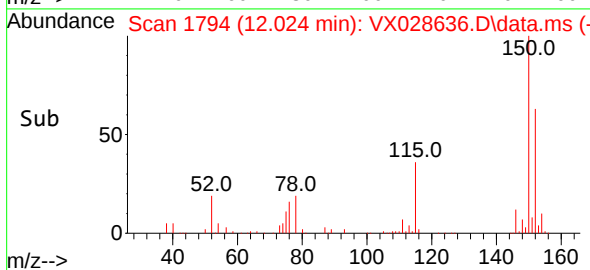
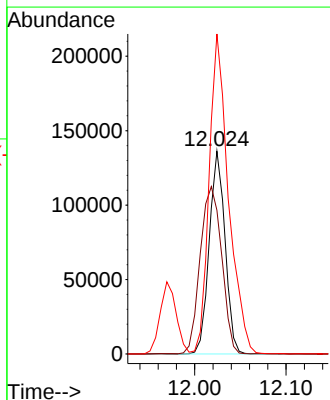
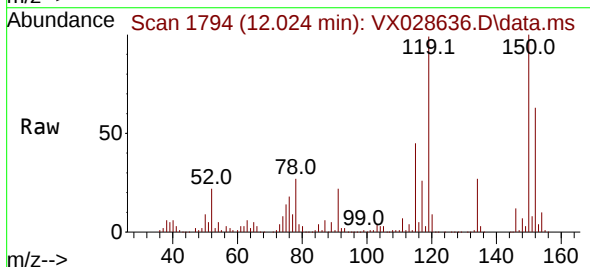
Manual Integrations
APPROVED

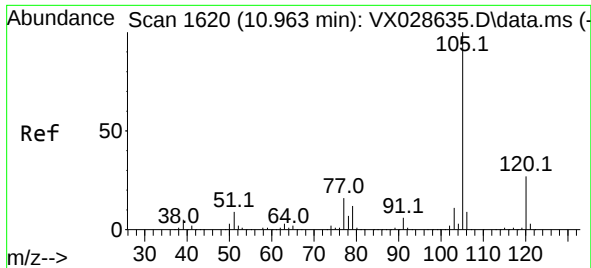
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

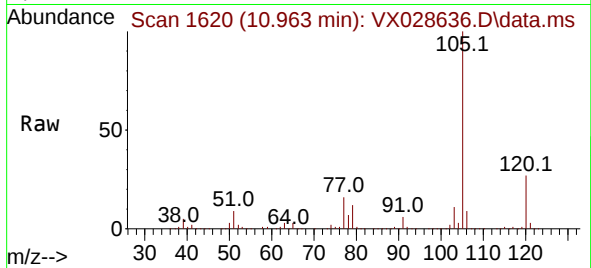
Tgt Ion:152 Resp: 163596
Ion Ratio Lower Upper
152 100
115 112.2 37.5 112.7
150 193.3 0.0 338.2





#73
Isopropylbenzene
Concen: 108.007 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

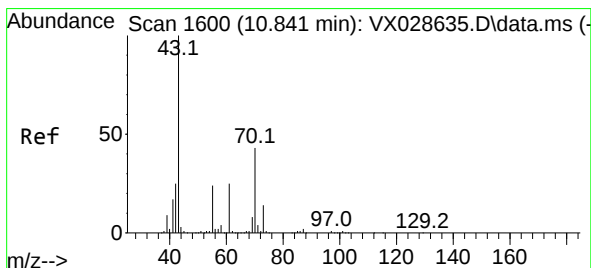
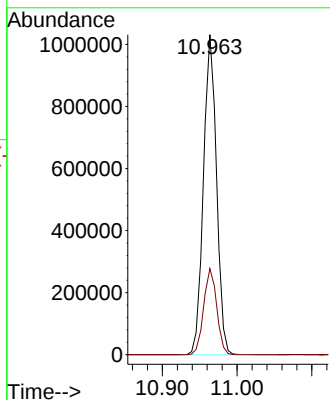
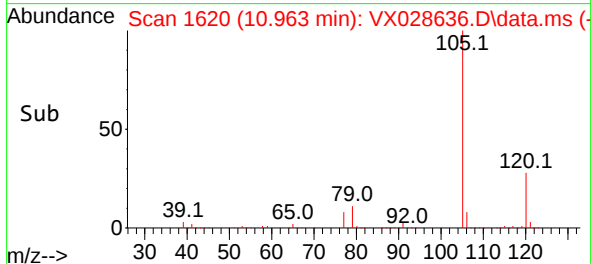
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



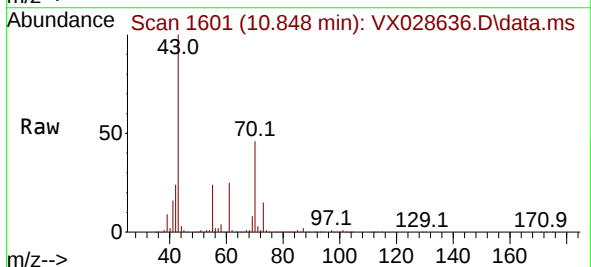
Tgt Ion:105 Resp: 1248640
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

Manual Integrations
APPROVED

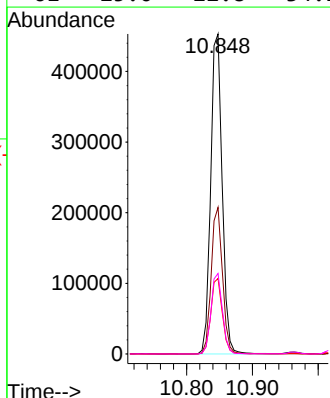
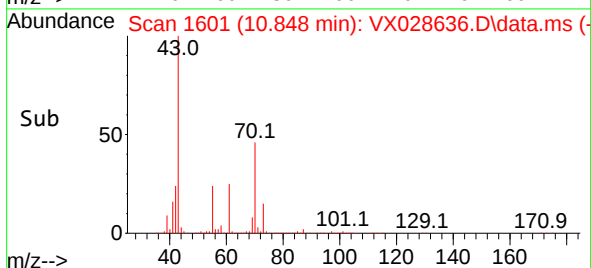
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

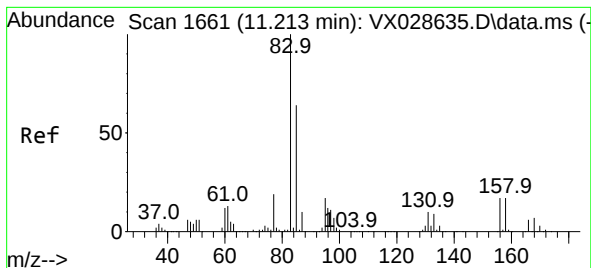


#74
N-ethyl acetate
Concen: 133.519 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



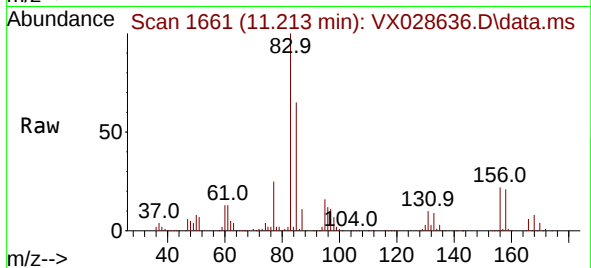
Tgt Ion: 43 Resp: 550810
Ion Ratio Lower Upper
43 100
70 45.1 42.5 63.7
55 23.7 23.1 34.7
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 111.544 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

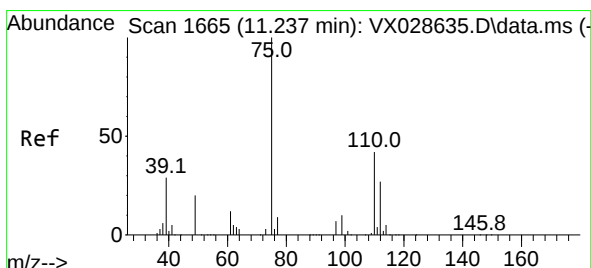
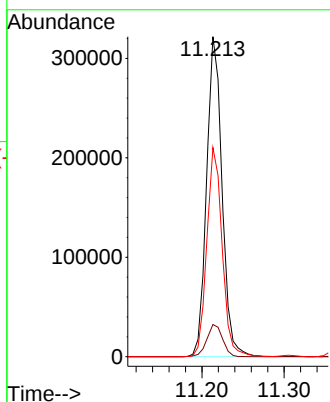
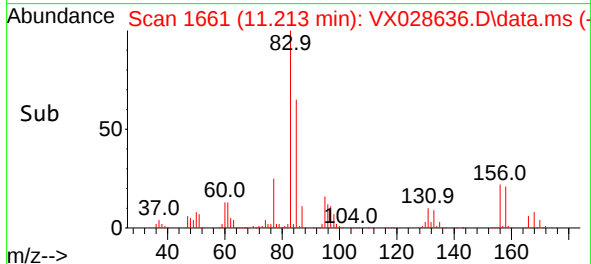
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



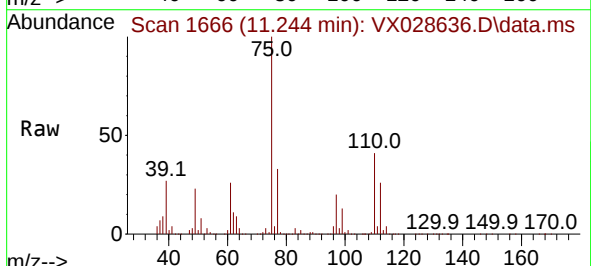
Tgt Ion: 83 Resp: 420220
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.8 32.6 97.7

Manual Integrations
APPROVED

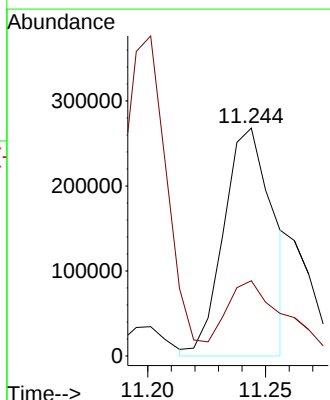
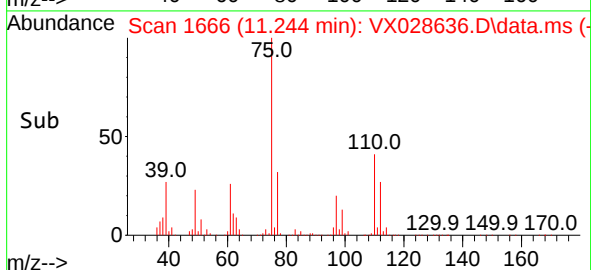
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

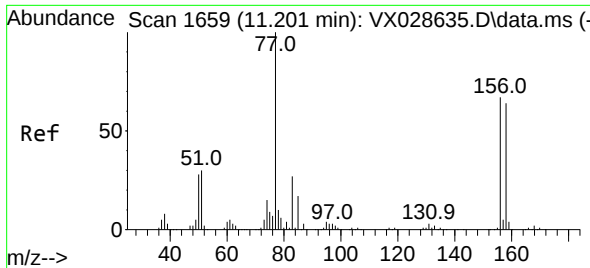


#76
1,2,3-Trichloropropane
Concen: 115.942 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



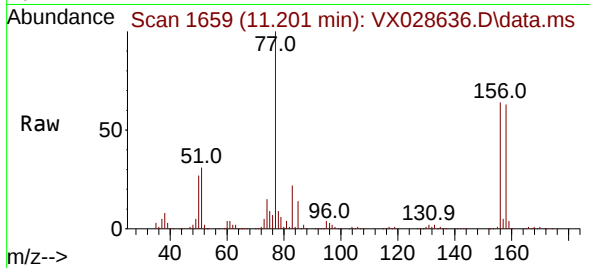
Tgt Ion: 75 Resp: 386937
Ion Ratio Lower Upper
75 100
77 39.5 19.4 58.2





#77
Bromobenzene
Concen: 102.955 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

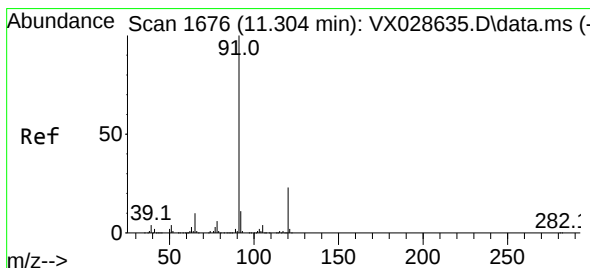
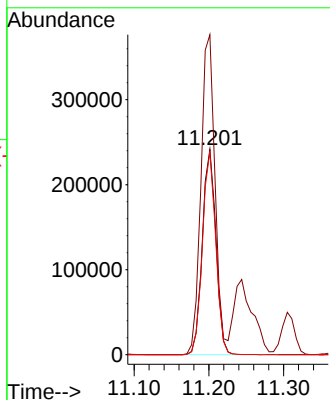
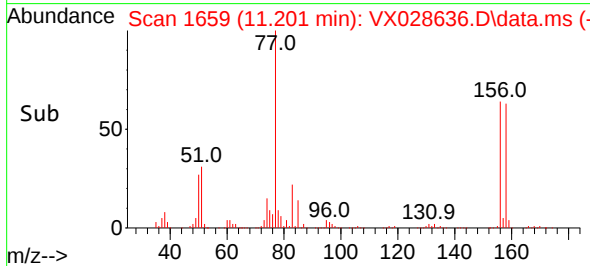
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



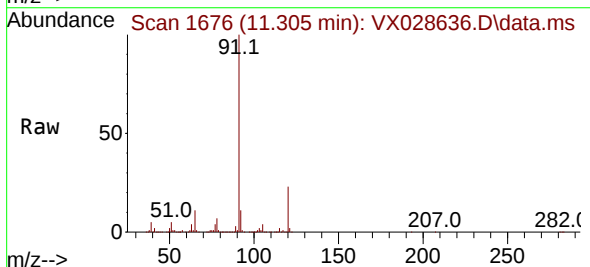
Tgt Ion:156 Resp: 30584
Ion Ratio Lower Upper
156 100
77 161.5 78.5 235.3
158 96.7 50.2 150.7

Manual Integrations
APPROVED

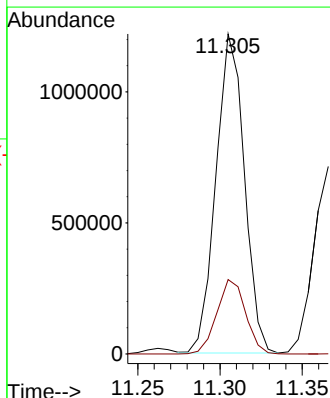
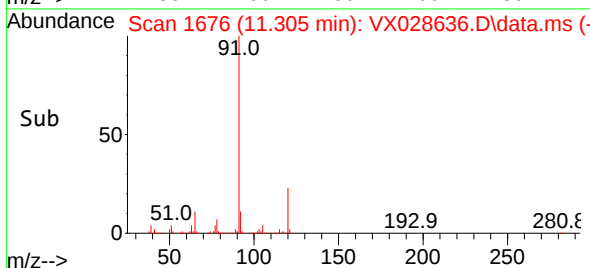
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

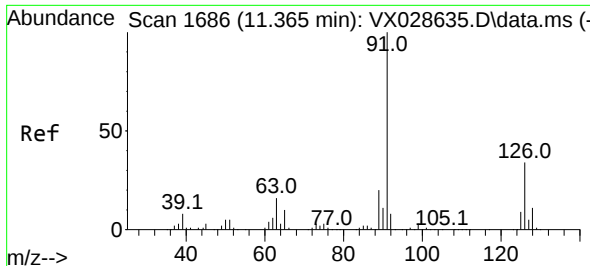


#78
n-propylbenzene
Concen: 113.635 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



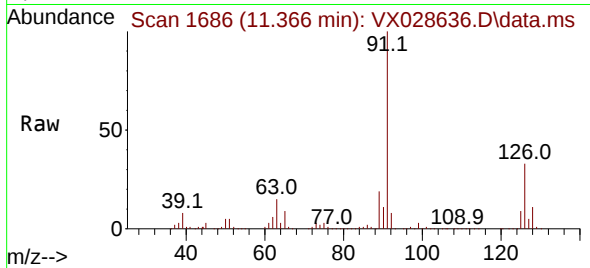
Tgt Ion: 91 Resp: 1465829
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79
2-Chlorotoluene
Concen: 111.197 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

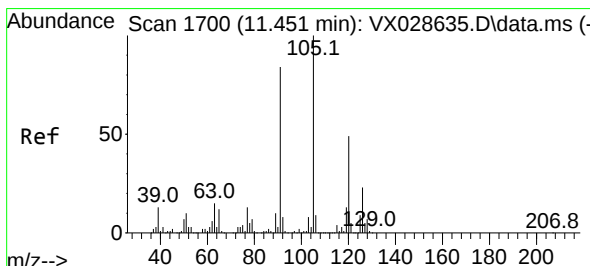
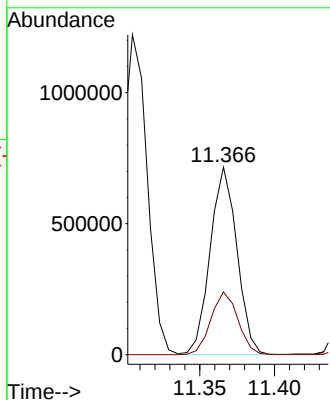
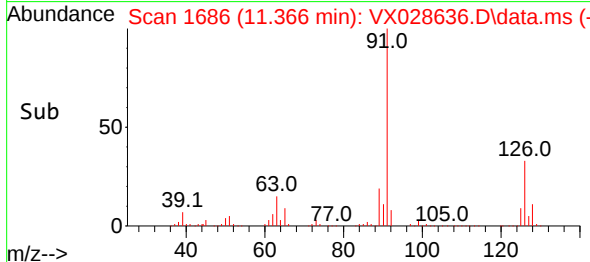
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 887739
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

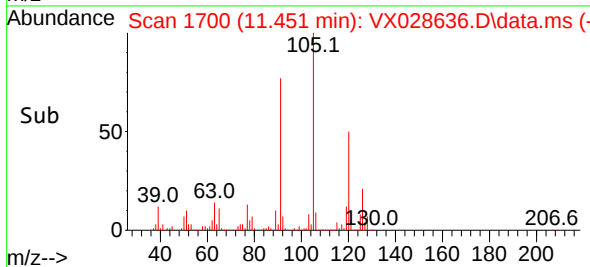
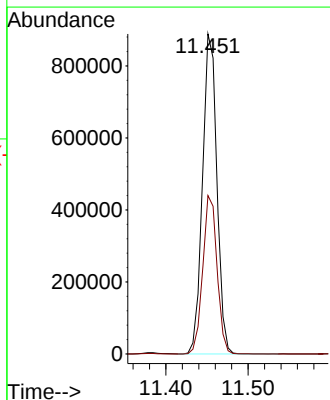
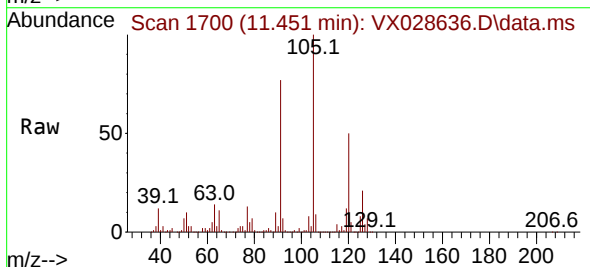
Manual Integrations
APPROVED

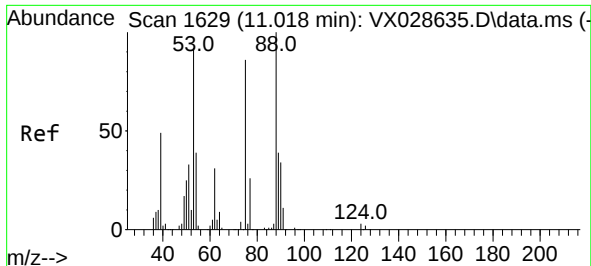
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 110.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion:105 Resp: 1076995
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9





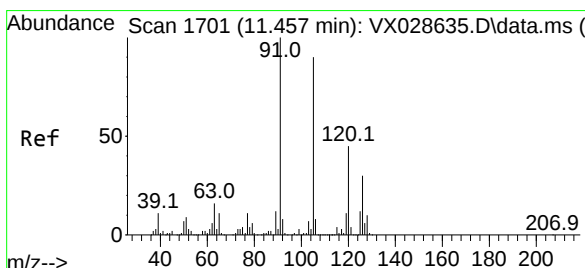
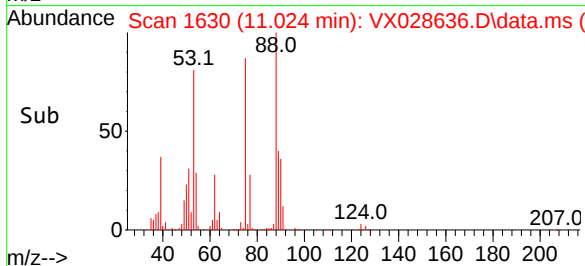
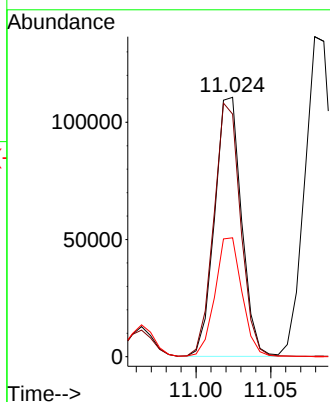
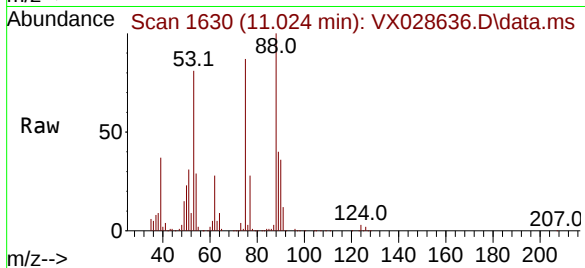
#81
trans-1,4-Dichloro-2-butene
Concen: 123.953 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 137999
Ion Ratio Lower Upper
75 100
53 97.3 69.0 103.4
89 46.4 37.0 55.6

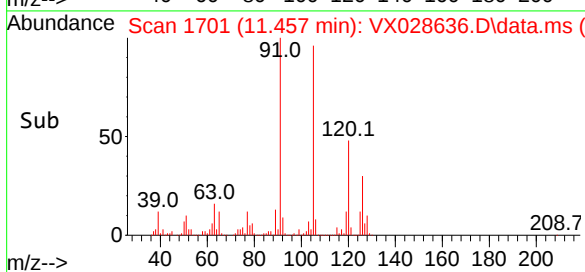
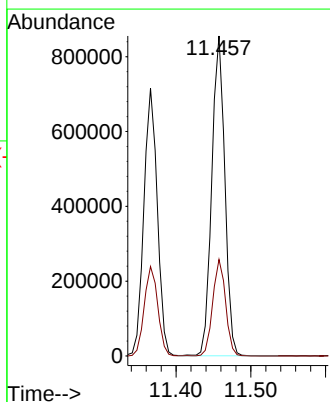
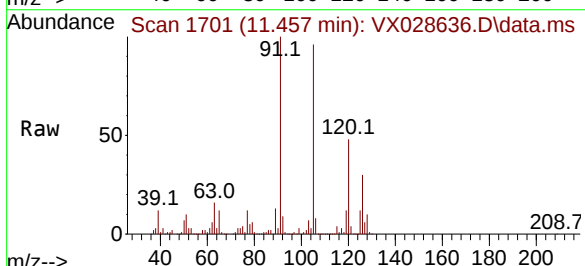
Manual Integrations
APPROVED

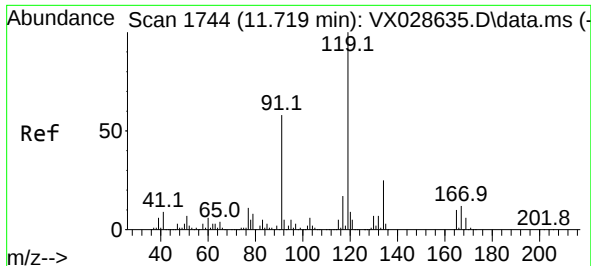
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 113.119 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

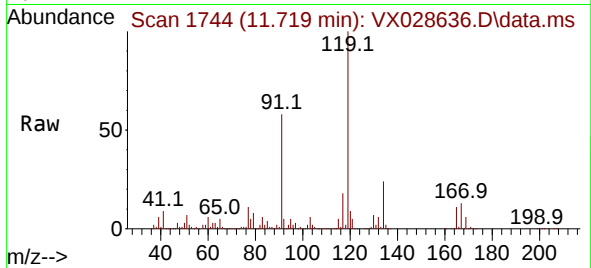
Tgt Ion: 91 Resp: 1041611
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83
tert-Butylbenzene
Concen: 105.730 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

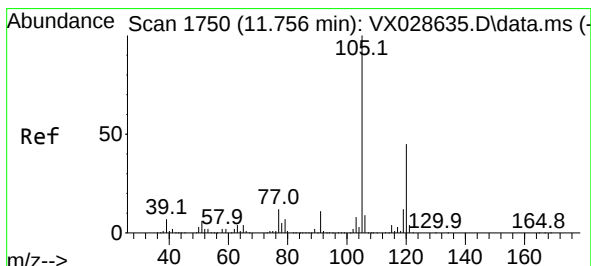
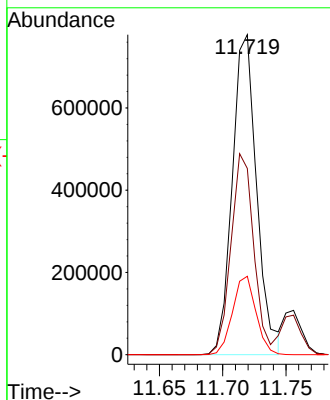
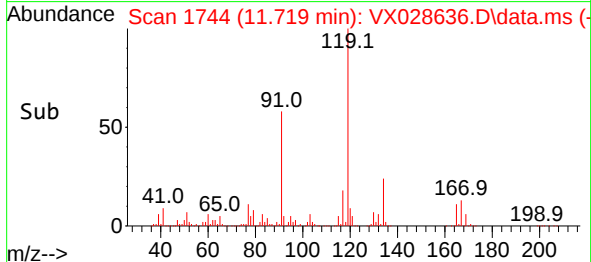
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



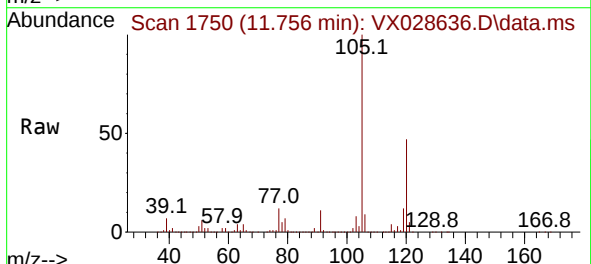
Tgt Ion:119 Resp: 1045030
Ion Ratio Lower Upper
119 100
91 58.6 26.9 80.6
134 23.5 11.4 34.2

Manual Integrations
APPROVED

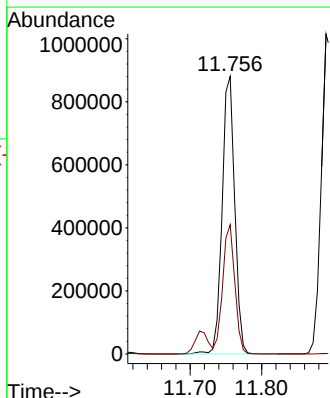
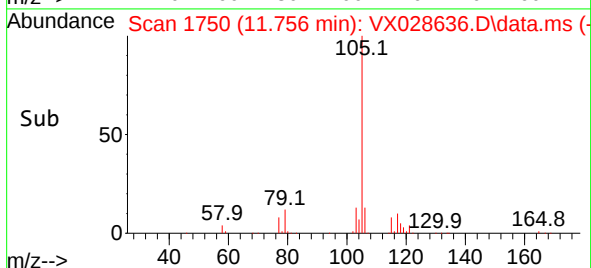
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

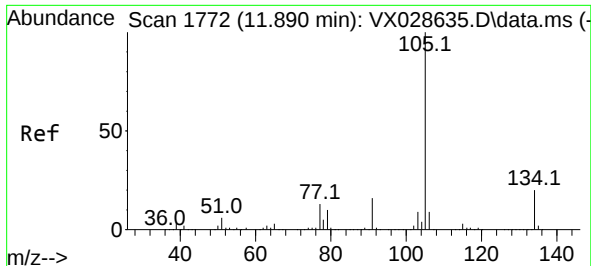


#84
1,2,4-Trimethylbenzene
Concen: 111.292 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



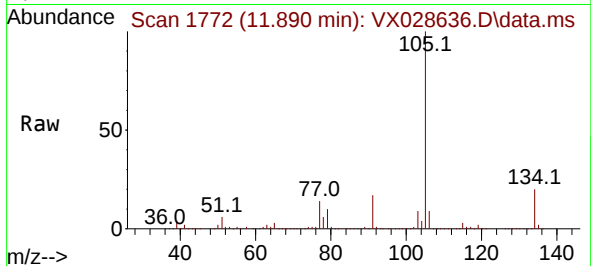
Tgt Ion:105 Resp: 1080148
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 106.475 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028636.D
 Acq: 12 May 2022 14:03

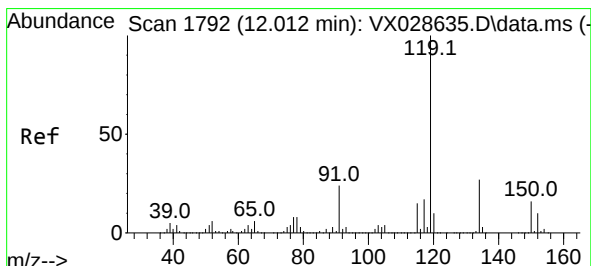
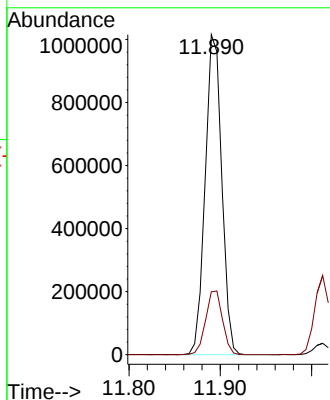
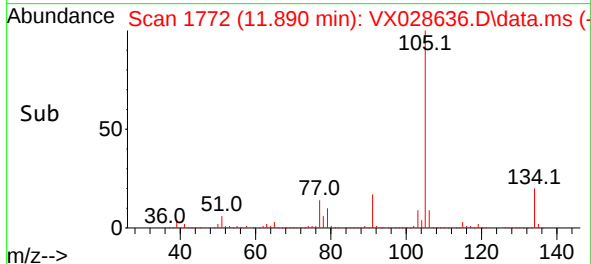
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



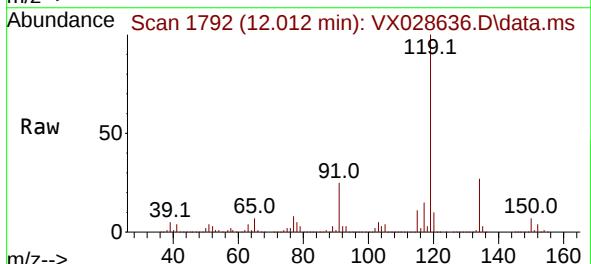
Tgt Ion:105 Resp: 1273710
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

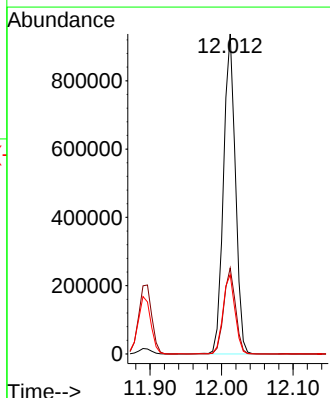
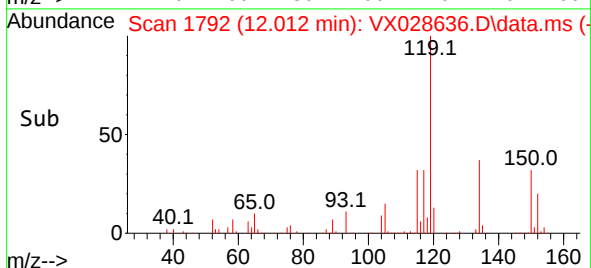
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

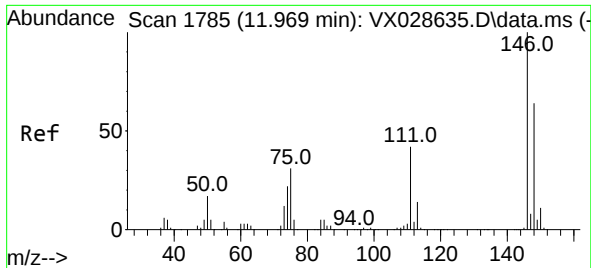


#86
 p-Isopropyltoluene
 Concen: 105.779 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028636.D
 Acq: 12 May 2022 14:03



Tgt Ion:119 Resp: 1087332
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 24.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 105.413 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 58822

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.1

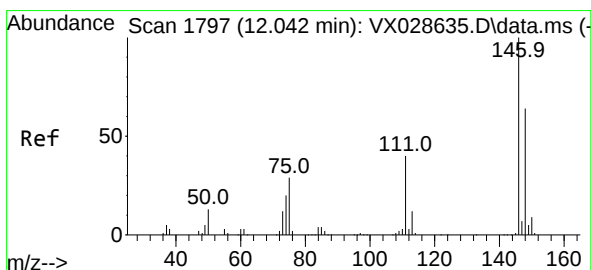
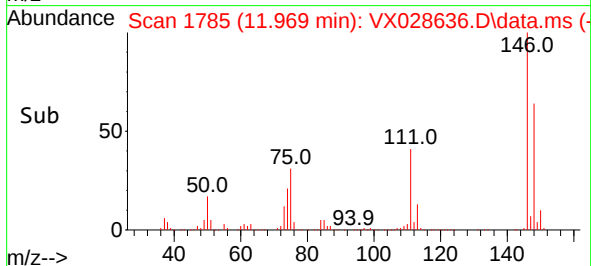
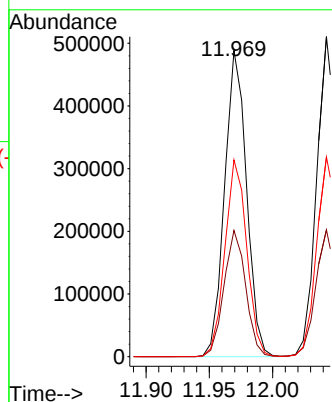
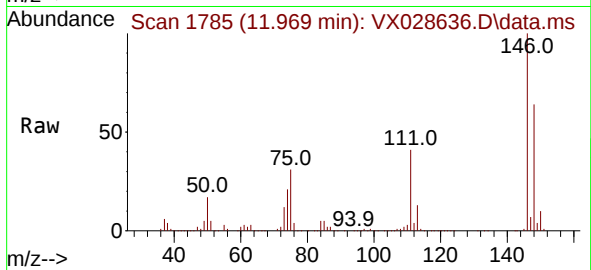
148 64.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 101.494 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

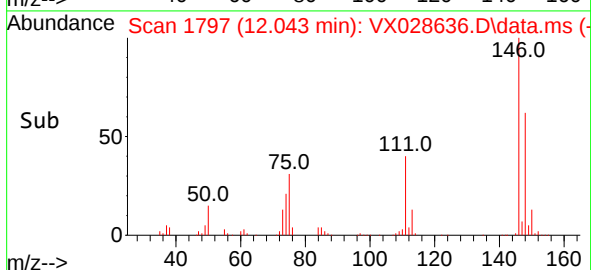
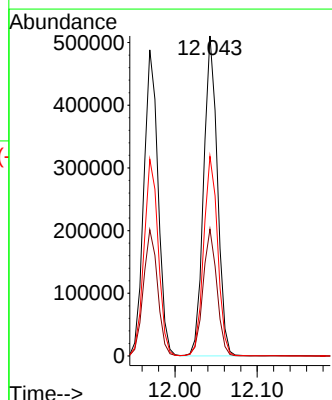
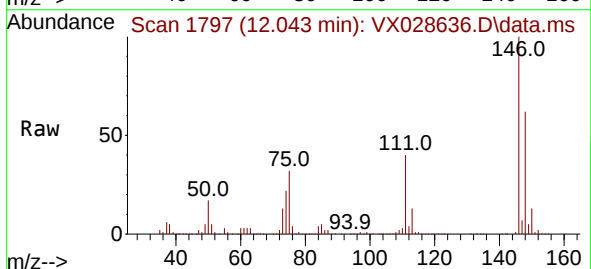
Tgt Ion:146 Resp: 593422

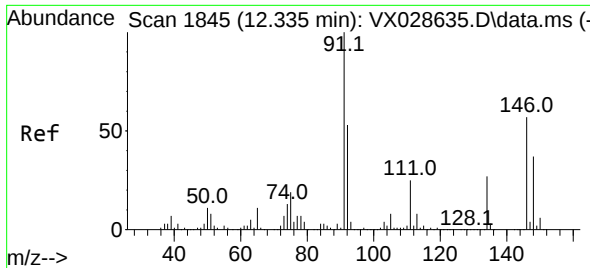
Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

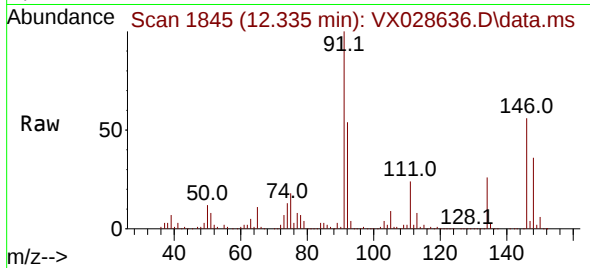
148 63.6 32.3 96.9





#89
n-Butylbenzene
Concen: 112.933 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

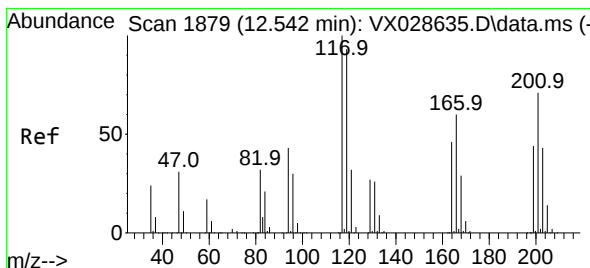
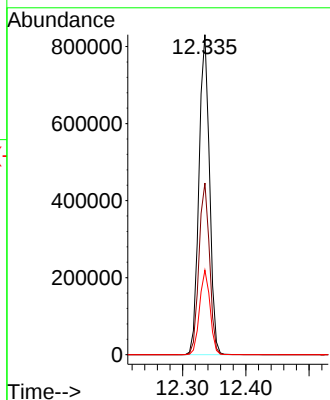
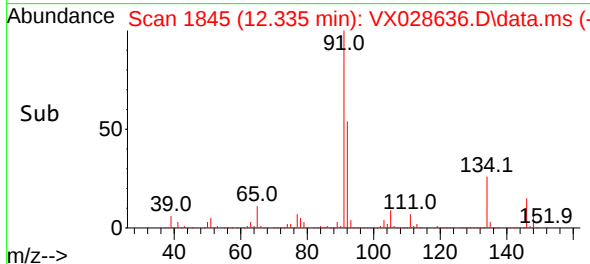
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



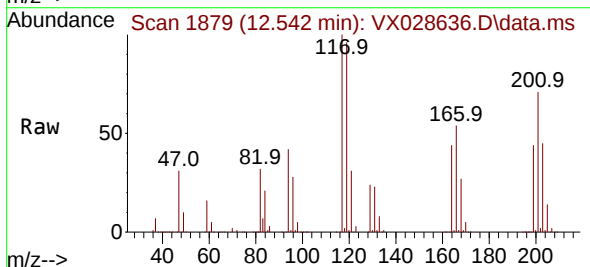
Tgt Ion: 91 Resp: 96554
Ion Ratio Lower Upper
91 100
92 54.0 27.8 83.3
134 26.2 13.3 39.8

Manual Integrations
APPROVED

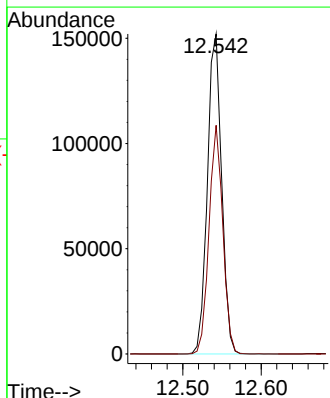
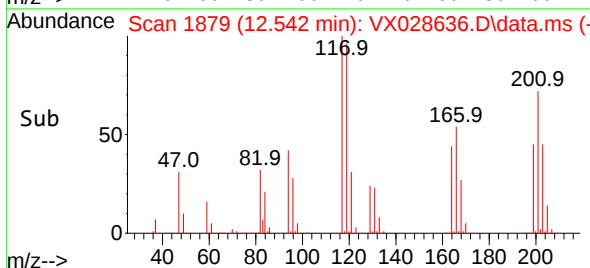
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

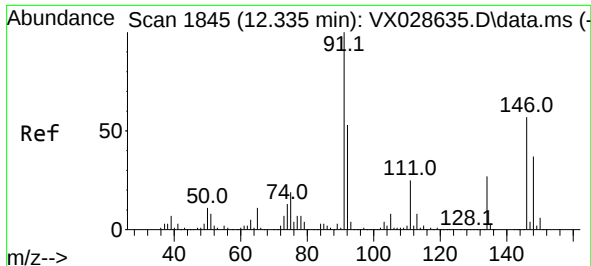


#90
Hexachloroethane
Concen: 116.485 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



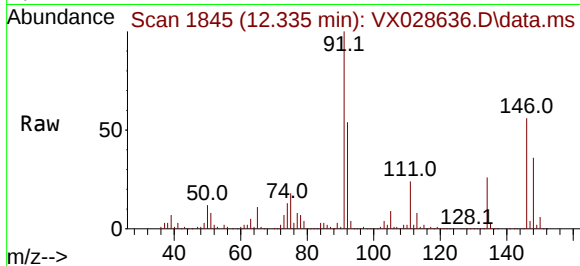
Tgt Ion:117 Resp: 191393
Ion Ratio Lower Upper
117 100
201 69.1 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 103.438 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

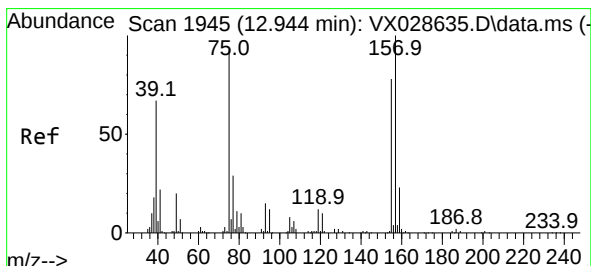
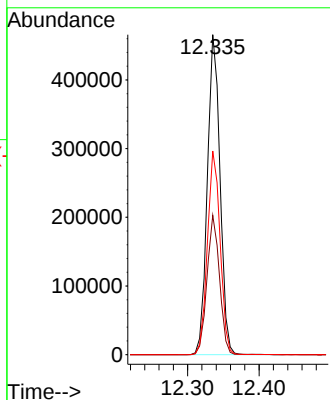
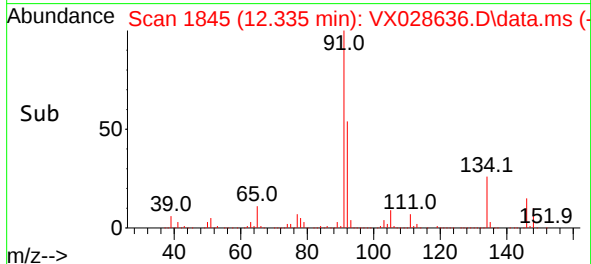
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



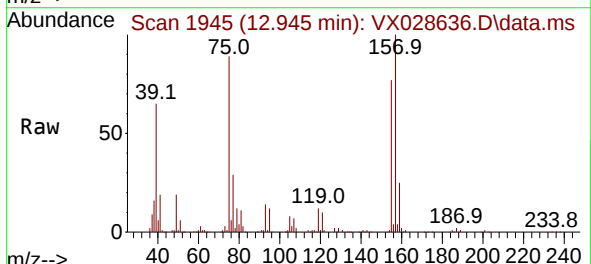
Tgt Ion:146 Resp: 573560
Ion Ratio Lower Upper
146 100
111 43.1 21.0 63.0
148 63.7 32.6 97.7

Manual Integrations
APPROVED

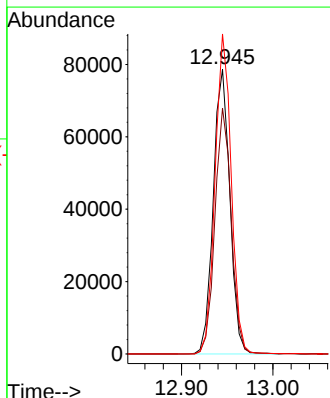
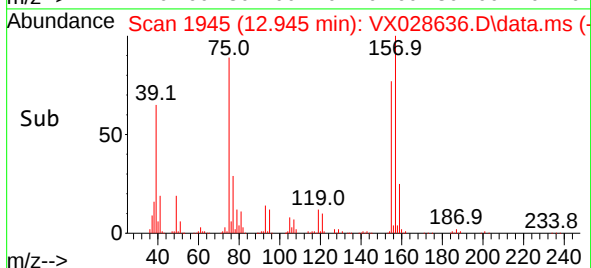
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

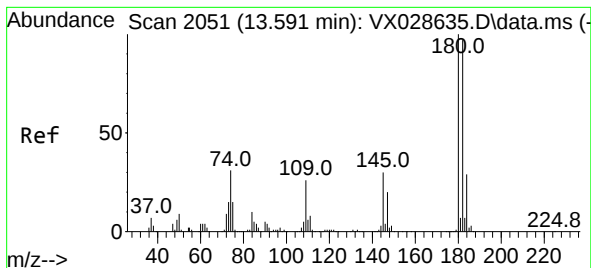


#92
1,2-Dibromo-3-Chloropropane
Concen: 118.533 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03



Tgt Ion: 75 Resp: 99052
Ion Ratio Lower Upper
75 100
155 85.3 47.0 141.2
157 109.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 104.278 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

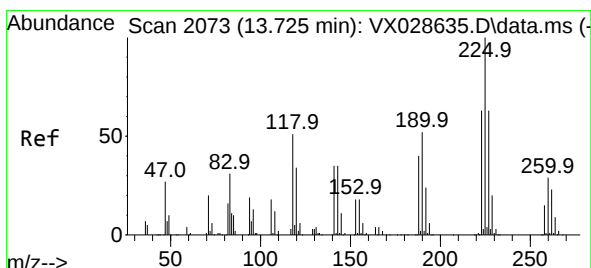
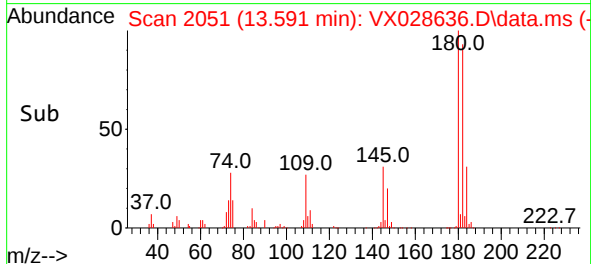
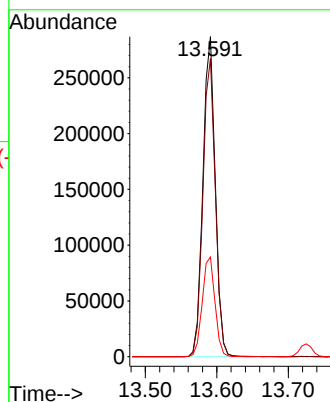
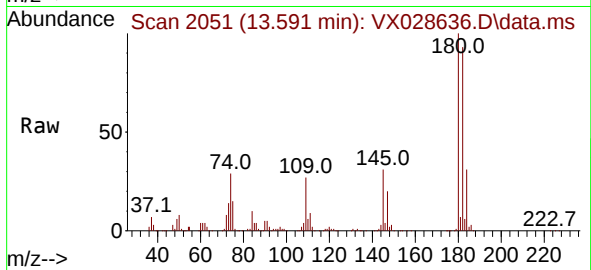
Tgt Ion:180 Resp: 344025
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.7 143.1
 145 32.1 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 92.498 ug/l

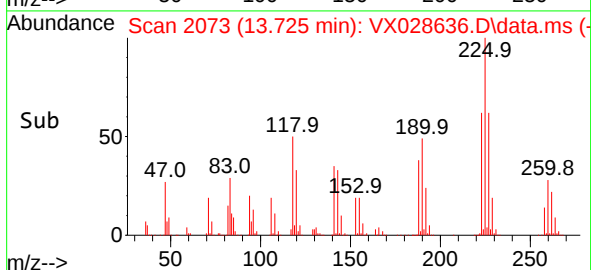
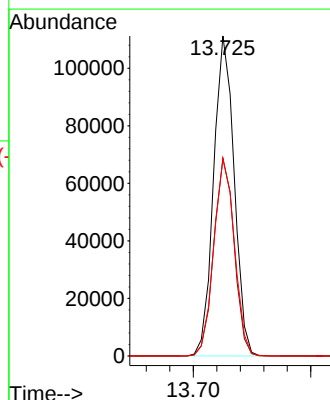
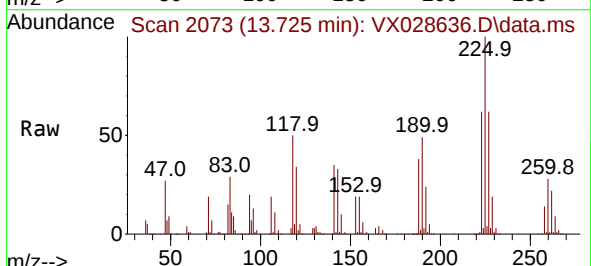
RT: 13.725 min Scan# 2073

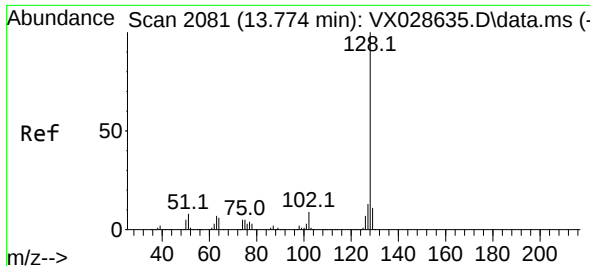
Delta R.T. 0.000 min

Lab File: VX028636.D

Acq: 12 May 2022 14:03

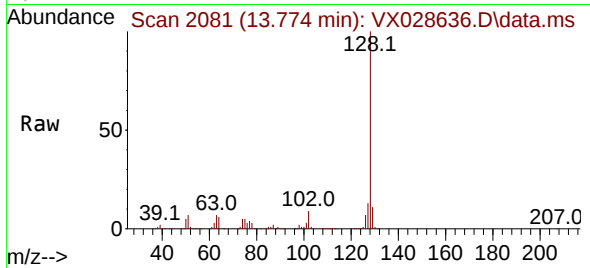
Tgt Ion:225 Resp: 134777
 Ion Ratio Lower Upper
 225 100
 223 61.2 34.2 102.5
 227 62.1 33.9 101.7





#95
Naphthalene
Concen: 113.736 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

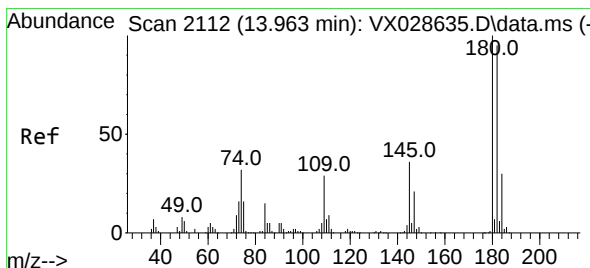
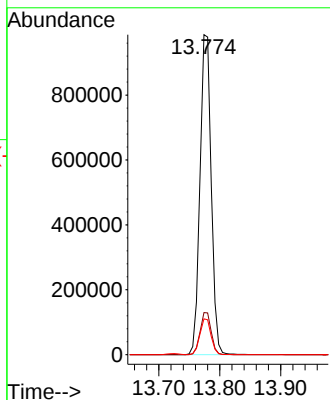
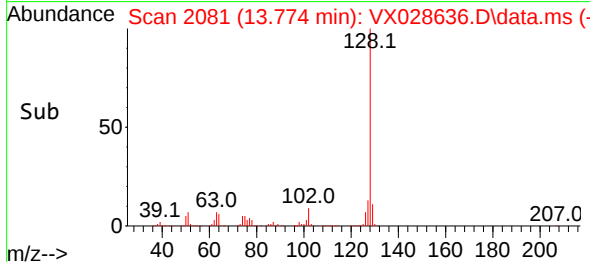
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 1261578
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 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: 105.782 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028636.D
Acq: 12 May 2022 14:03

Tgt Ion:180 Resp: 341701
Ion Ratio Lower Upper
180 100
182 94.7 50.0 149.8
145 34.0 16.2 48.5

