

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036928.D
 Acq On : 11 Aug 2023 09:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 22:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97100	50.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.379	113	80871	52.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	8.647	98	256131	46.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.500%			
62) 4-Bromofluorobenzene	11.079	95	109302	52.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	83255	48.555	ug/l	97
3) Chloromethane	1.295	50	74457	47.742	ug/l	98
4) Vinyl Chloride	1.374	62	78550	49.470	ug/l	99
5) Bromomethane	1.599	94	51666	54.502	ug/l	99
6) Chloroethane	1.673	64	46292	59.966	ug/l	97
7) Trichlorofluoromethane	1.880	101	137555	56.098	ug/l	99
8) Diethyl Ether	2.136	74	55175	58.161	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	77587	52.667	ug/l	98
10) Methyl Iodide	2.447	142	100245	65.514	ug/l	94
11) Tert butyl alcohol	2.971	59	110638	243.334	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	73112	50.304	ug/l	90
13) Acrolein	2.233	56	73626	283.741	ug/l	99
14) Allyl chloride	2.660	41	129574	45.275	ug/l #	95
15) Acrylonitrile	3.063	53	234035	255.951	ug/l	99
16) Acetone	2.380	43	216925	272.194	ug/l	91
17) Carbon Disulfide	2.508	76	182156	45.411	ug/l	99
18) Methyl Acetate	2.703	43	169082	50.433	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	307655	56.330	ug/l	98
20) Methylene Chloride	2.788	84	91043	51.367	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	86504	53.254	ug/l	90
22) Diisopropyl ether	3.758	45	269580	49.609	ug/l #	86
23) Vinyl Acetate	3.715	43	1045661	250.859	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	162043	53.187	ug/l	97
25) 2-Butanone	4.550	43	331421	256.318	ug/l	91
26) 2,2-Dichloropropane	4.471	77	148193	51.621	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	107107	55.515	ug/l	90
28) Bromochloromethane	4.891	49	69802	47.372	ug/l	83
29) Tetrahydrofuran	5.001	42	203609	244.245	ug/l #	87
30) Chloroform	5.087	83	177977	57.099	ug/l	100
31) Cyclohexane	5.465	56	116882	43.955	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	153118	53.611	ug/l	98
36) 1,1-Dichloropropene	5.690	75	117919	51.204	ug/l	97
37) Ethyl Acetate	4.709	43	128241	49.200	ug/l #	95
38) Carbon Tetrachloride	5.672	117	131762	53.817	ug/l	99
39) Methylcyclohexane	7.373	83	124902	43.618	ug/l	90
40) Benzene	6.032	78	359895	53.714	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67607	48.496	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	143080	58.407	ug/l	96
43) Isopropyl Acetate	6.336	43	214805	47.875	ug/l #	94
44) Trichloroethene	7.123	130	97858	55.876	ug/l	95
45) 1,2-Dichloropropane	7.428	63	92867	51.913	ug/l	99
46) Dibromomethane	7.580	93	70986	56.699	ug/l	94
47) Bromodichloromethane	7.818	83	140932	54.840	ug/l	96
48) Methyl methacrylate	7.690	41	101989	48.878	ug/l #	87
49) 1,4-Dioxane	7.659	88	45842	1087.510	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	616225	248.181	ug/l	93
52) Toluene	8.714	92	232646	55.415	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	156727	53.958	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	164560	53.690	ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	99805	56.554	ug/l	97
56) Ethyl methacrylate	9.116	69	154125	53.633	ug/l	91
57) 1,3-Dichloropropane	9.305	76	165763	56.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	340366	240.380	ug/l	94
59) 2-Hexanone	9.427	43	474002	257.222	ug/l	90
60) Dibromochloromethane	9.519	129	110518	56.978	ug/l	100
61) 1,2-Dibromoethane	9.610	107	107254	58.641	ug/l	99
64) Tetrachloroethene	9.275	164	85646	56.410	ug/l	97
65) Chlorobenzene	10.080	112	252223	56.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	97859	56.427	ug/l	99
67) Ethyl Benzene	10.189	91	441705	53.888	ug/l	99
68) m/p-Xylenes	10.299	106	343009	112.157	ug/l	98
69) o-Xylene	10.640	106	170508	55.855	ug/l	98
70) Styrene	10.653	104	285632	56.711	ug/l	98
71) Bromoform	10.799	173	79142	56.375	ug/l #	99
73) Isopropylbenzene	10.964	105	429421	49.073	ug/l	99
74) N-amyl acetate	10.842	43	179646	44.024	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	145544	49.244	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	128360m	51.611	ug/l	
77) Bromobenzene	11.195	156	107715	54.051	ug/l	93
78) n-propylbenzene	11.305	91	493687	48.782	ug/l	99
79) 2-Chlorotoluene	11.366	91	307601	50.159	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	369555	50.482	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49064	44.714	ug/l	87
82) 4-Chlorotoluene	11.451	91	361424	51.726	ug/l	98
83) tert-Butylbenzene	11.713	119	349828	48.643	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	375816	51.333	ug/l	97
85) sec-Butylbenzene	11.890	105	423808	47.254	ug/l	99
86) p-Isopropyltoluene	12.006	119	365382	49.511	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	200208	54.243	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	202742	55.349	ug/l	99
89) n-Butylbenzene	12.329	91	316991	47.983	ug/l	99
90) Hexachloroethane	12.536	117	66130	44.201	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	201032	56.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35129	51.149	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	126188	57.505	ug/l	98
94) Hexachlorobutadiene	13.725	225	45378	49.985	ug/l	99
95) Naphthalene	13.774	128	440101	57.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127208	58.816	ug/l	99

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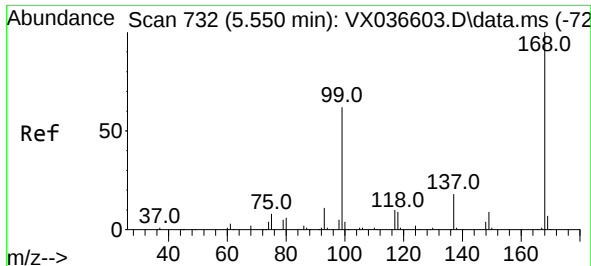
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

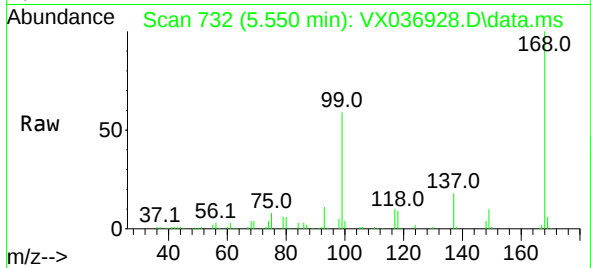
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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Acq: 11 Aug 2023 09:32

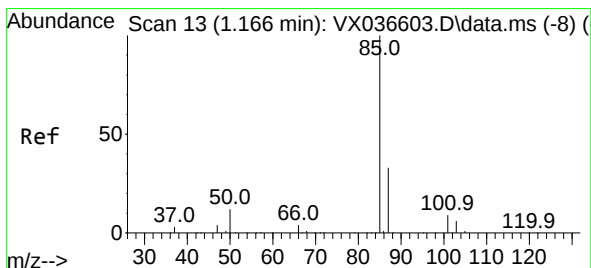
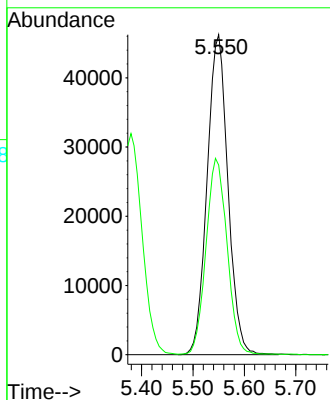
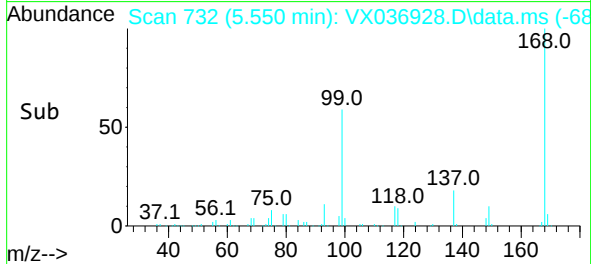
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



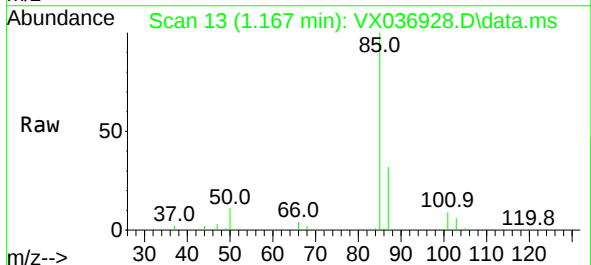
Tgt Ion:168 Resp: 12979
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

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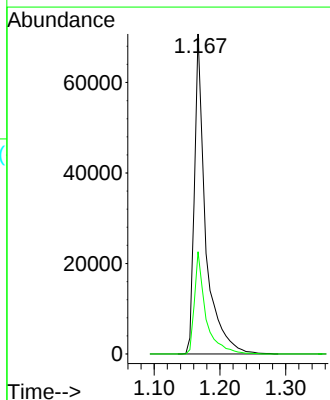
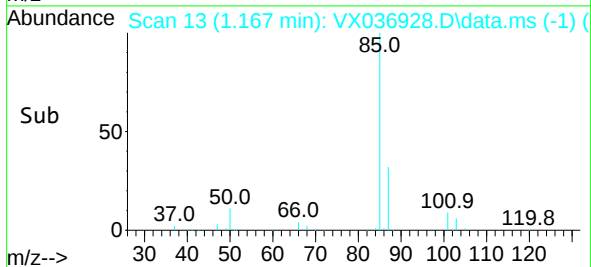
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#2
Dichlorodifluoromethane
Concen: 48.555 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



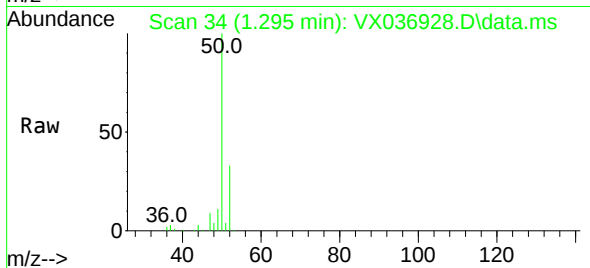
Tgt Ion: 85 Resp: 83255
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 47.742 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

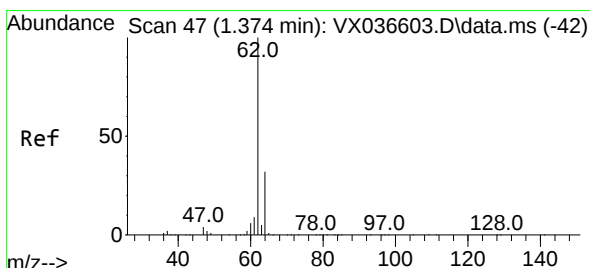
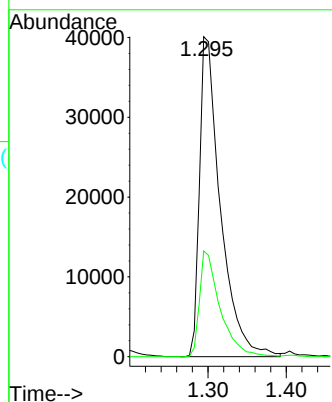
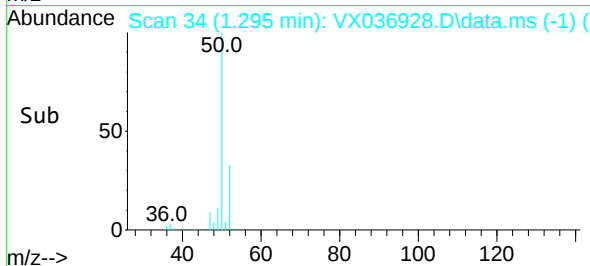
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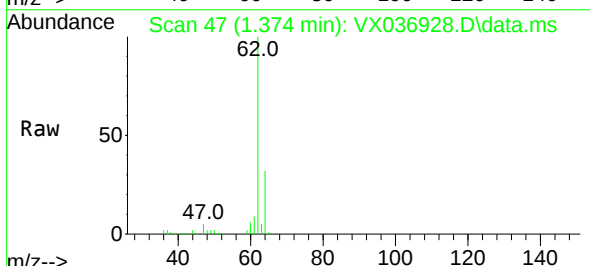
Tgt Ion: 50 Resp: 7445
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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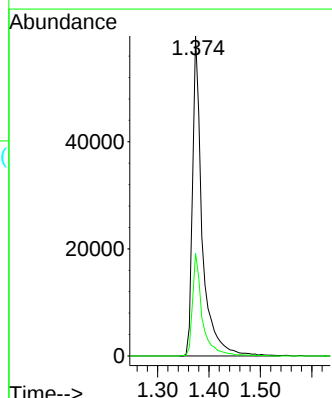
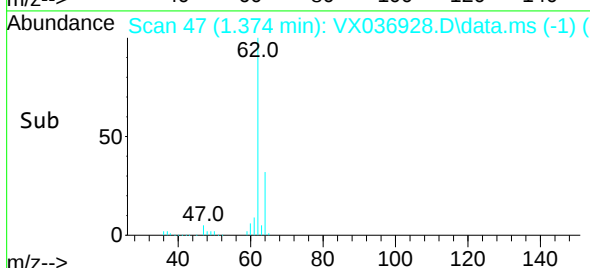
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#4
Vinyl Chloride
Concen: 49.470 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



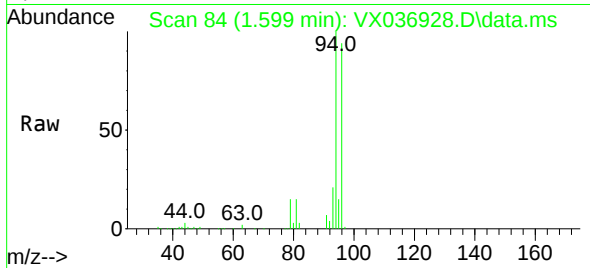
Tgt Ion: 62 Resp: 78550
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 54.502 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

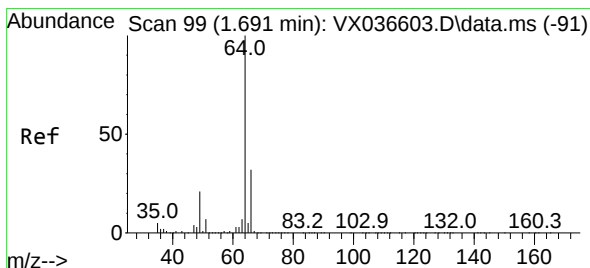
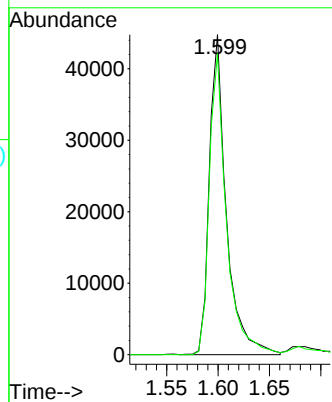
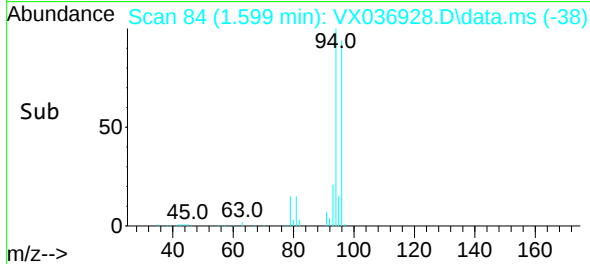
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 5166
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

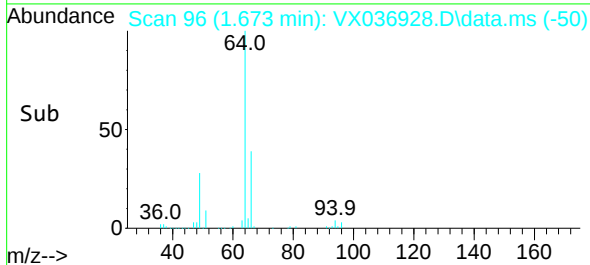
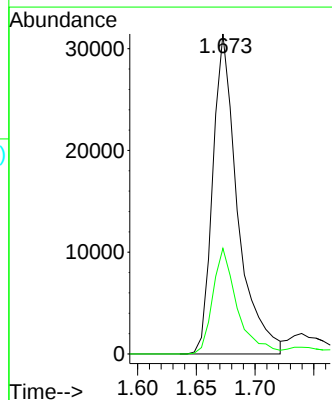
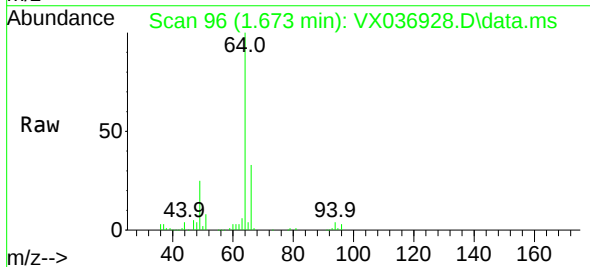
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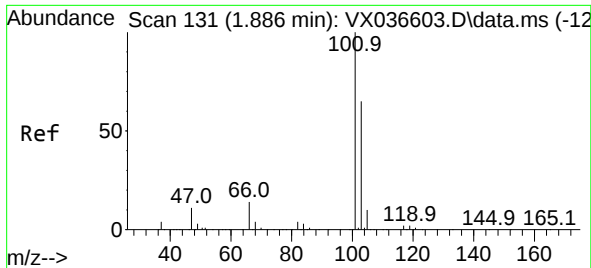
Reviewed By :John Carlone 08/14/2023
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#6
Chloroethane
Concen: 59.966 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

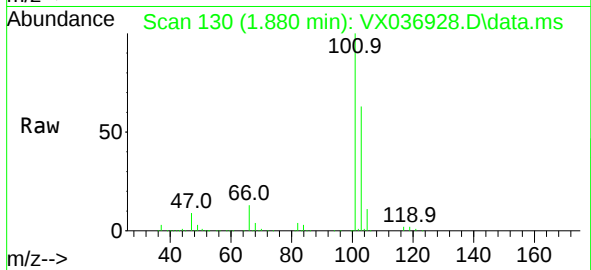
Tgt Ion: 64 Resp: 46292
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 56.098 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

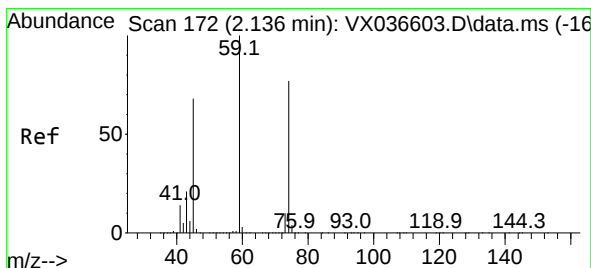
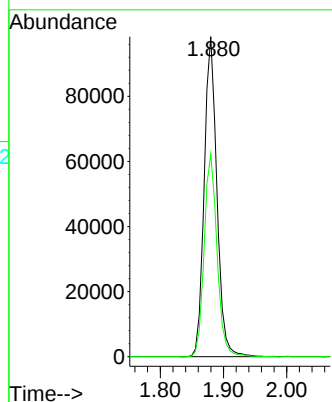
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 13755
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

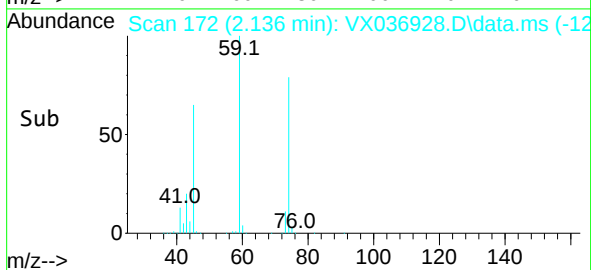
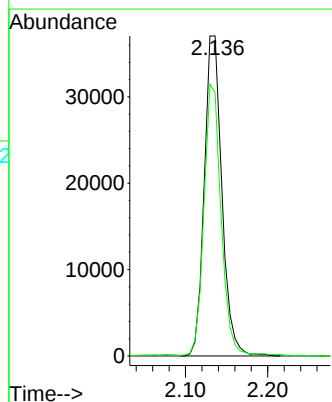
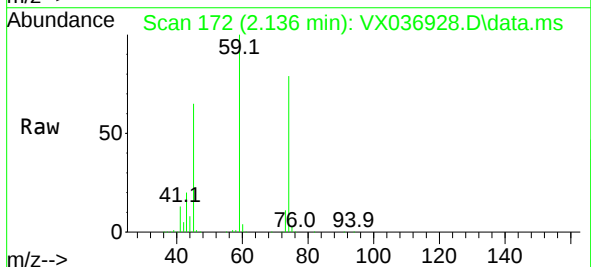
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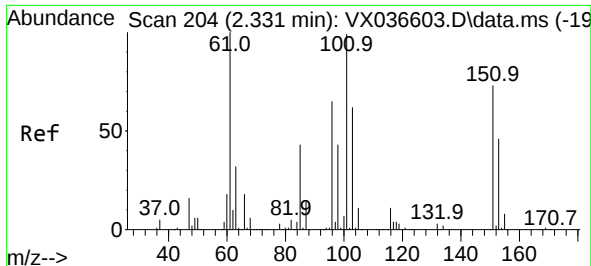
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#8
Diethyl Ether
Concen: 58.161 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

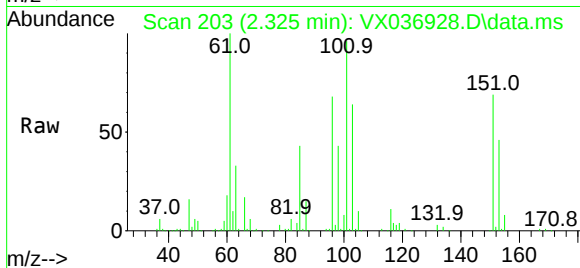
Tgt Ion: 74 Resp: 55175
Ion Ratio Lower Upper
74 100
45 83.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.667 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

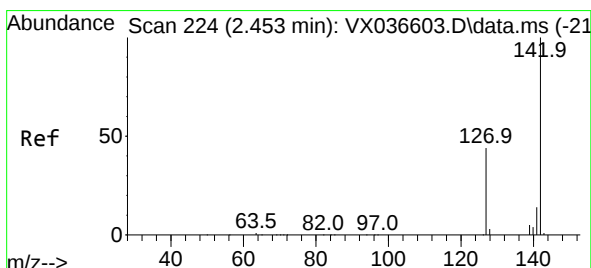
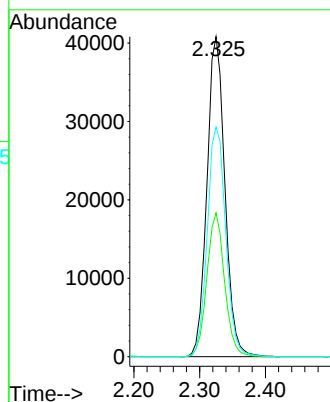
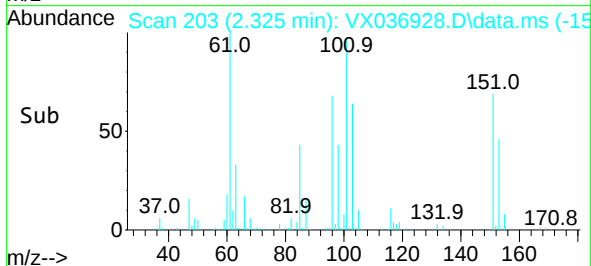
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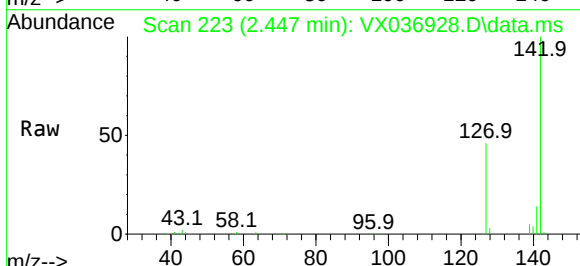
Tgt Ion:101 Resp: 7758
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 73.8 58.6 87.8

Manual Integrations
APPROVED

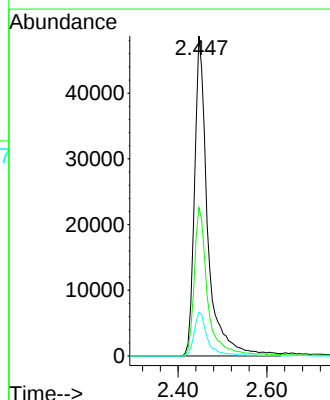
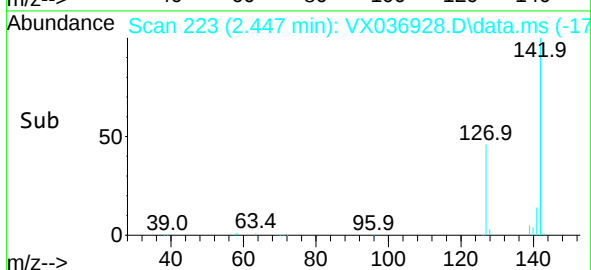
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

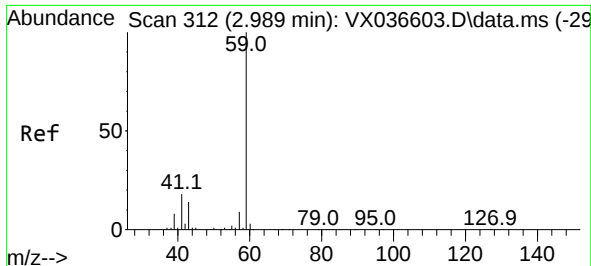


#10
Methyl Iodide
Concen: 65.514 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion:142 Resp: 100245
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 243.334 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 110638

Ion Ratio Lower Upper

59 100

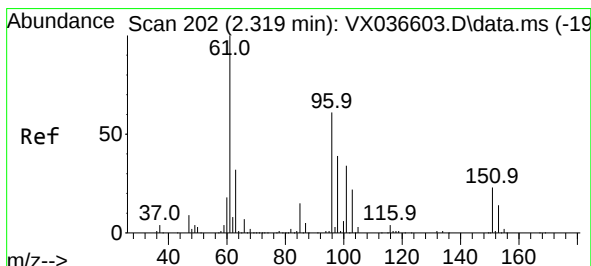
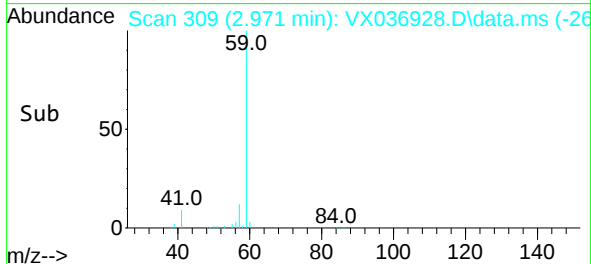
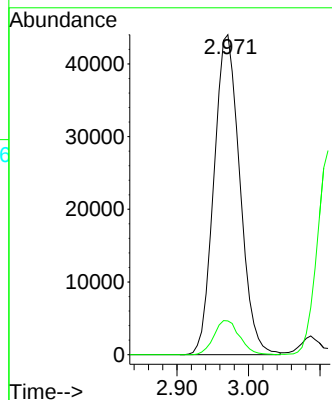
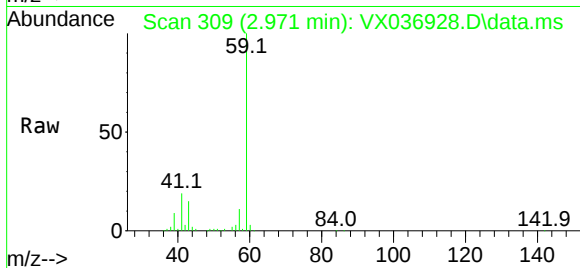
57 10.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#12

1,1-Dichloroethene

Concen: 50.304 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

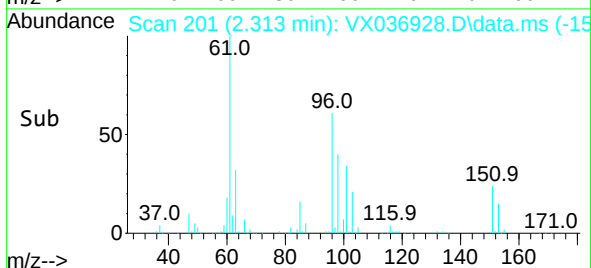
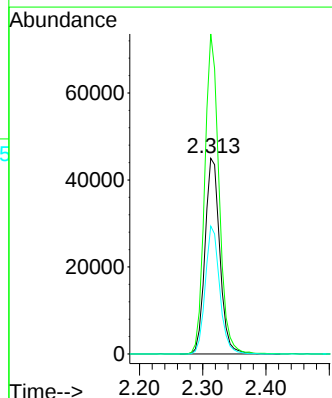
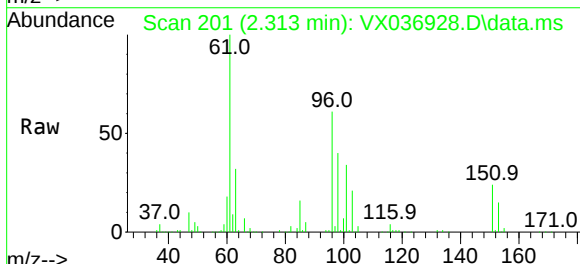
Tgt Ion: 96 Resp: 73112

Ion Ratio Lower Upper

96 100

61 163.5 144.6 216.8

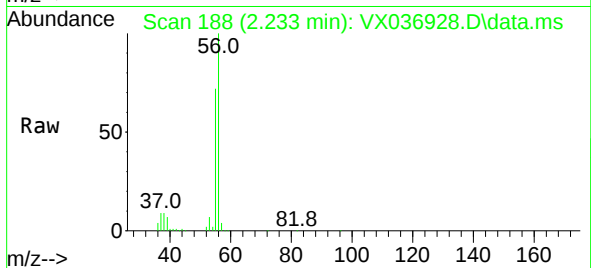
98 65.3 50.4 75.6





#13
Acrolein
Concen: 283.741 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

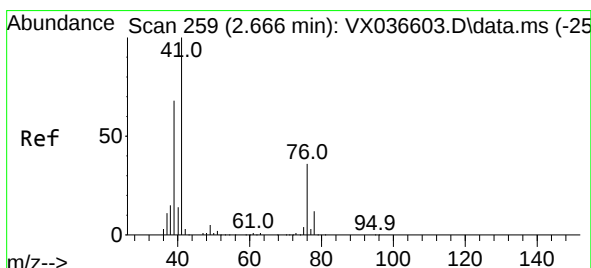
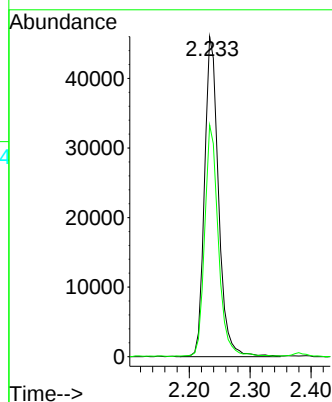
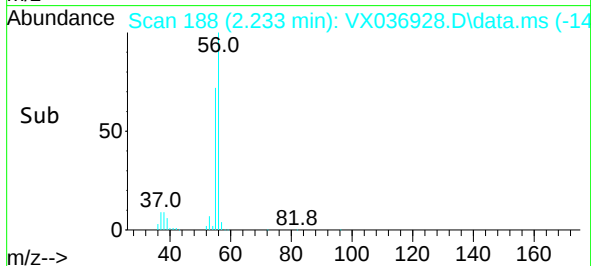
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 73620
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

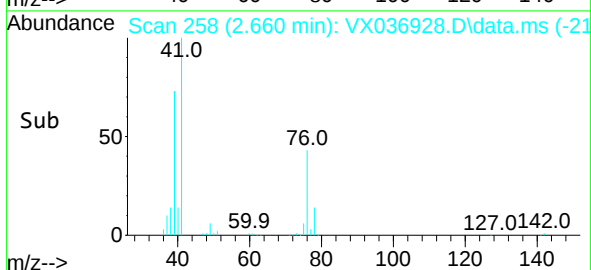
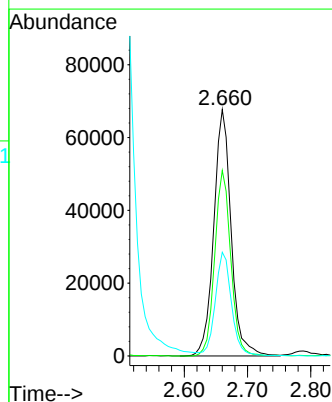
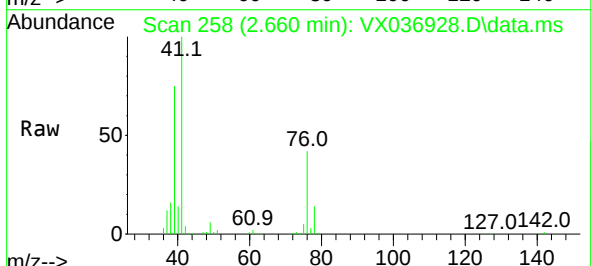
Manual Integrations
APPROVED

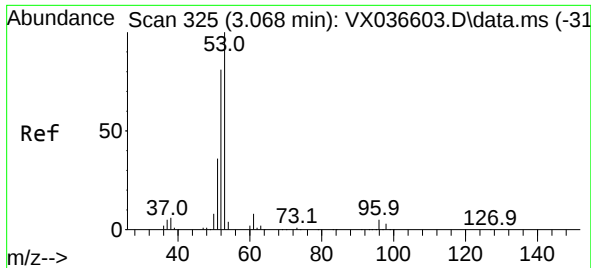
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#14
Allyl chloride
Concen: 45.275 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

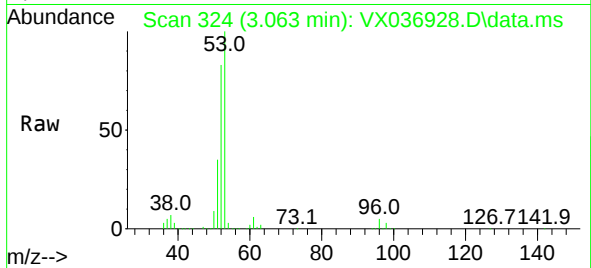
Tgt Ion: 41 Resp: 129574
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 39.7 24.3 36.5





#15
Acrylonitrile
Concen: 255.951 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

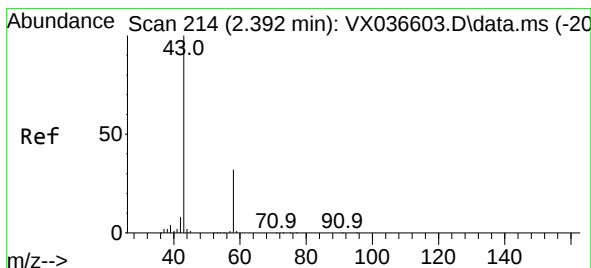
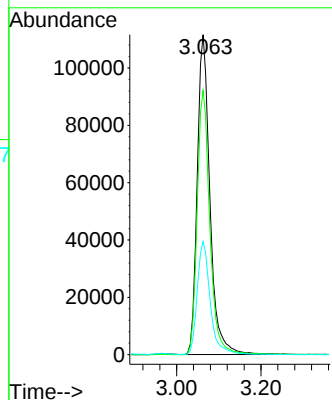
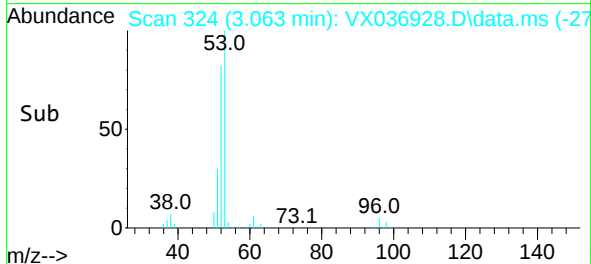
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



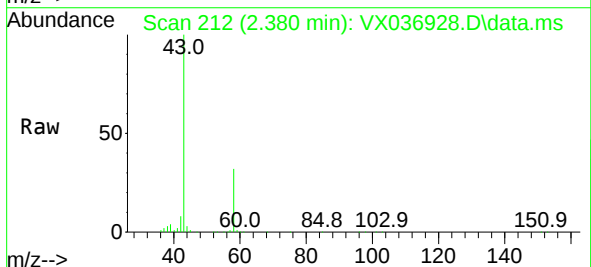
Tgt Ion: 53 Resp: 234035
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 35.9 29.8 44.6

Manual Integrations
APPROVED

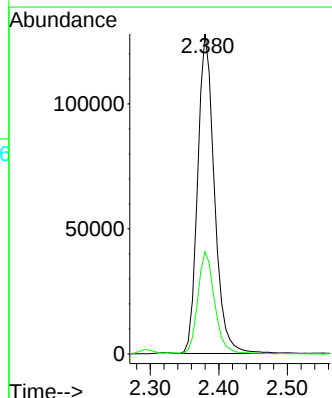
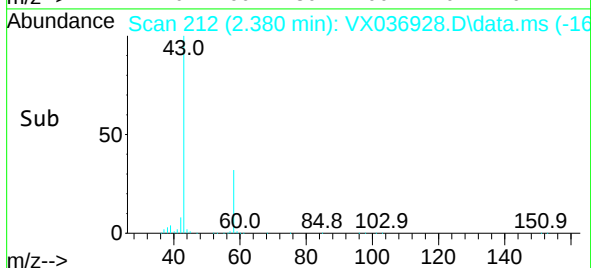
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

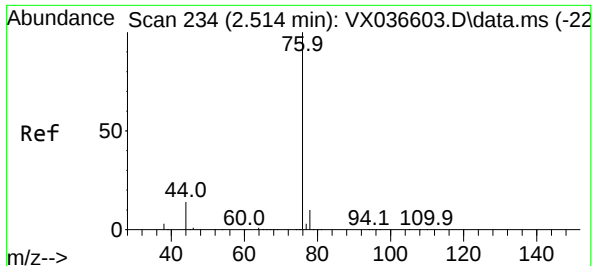


#16
Acetone
Concen: 272.194 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



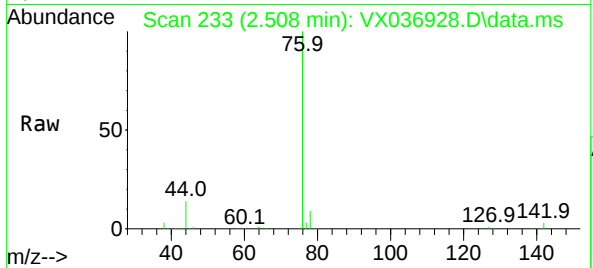
Tgt Ion: 43 Resp: 216925
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17
Carbon Disulfide
Concen: 45.411 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

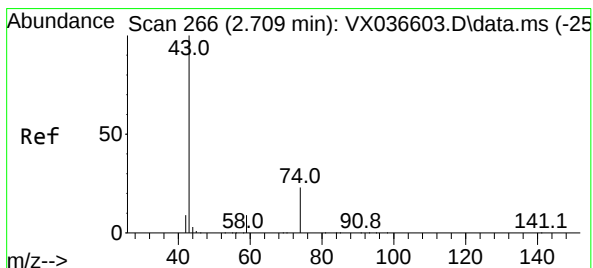
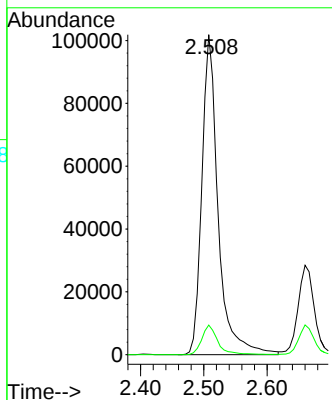
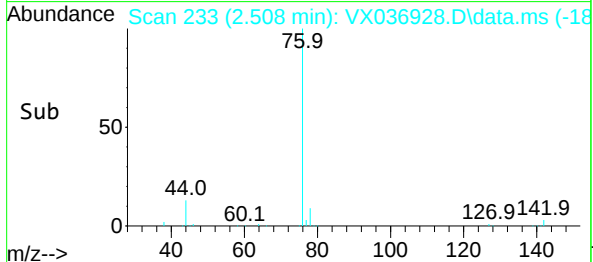
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 182150
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

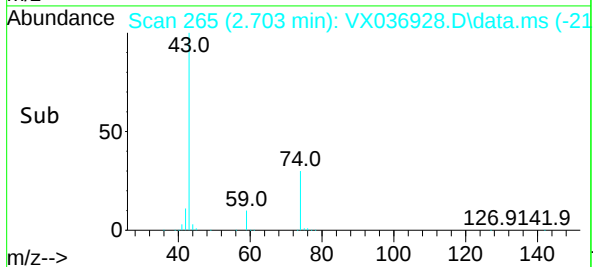
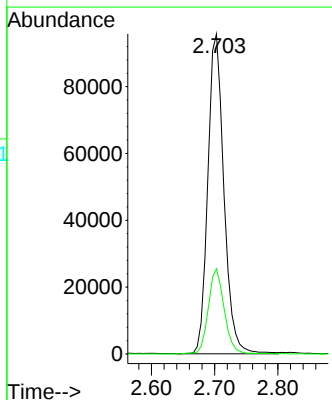
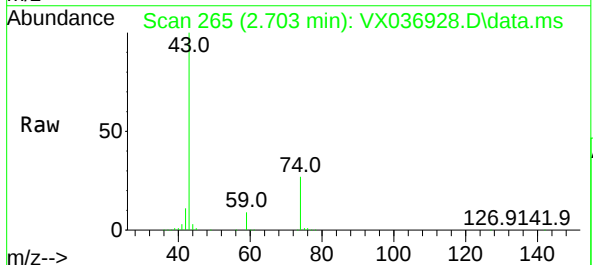
Manual Integrations
APPROVED

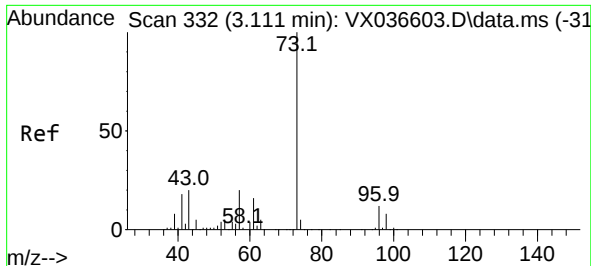
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#18
Methyl Acetate
Concen: 50.433 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

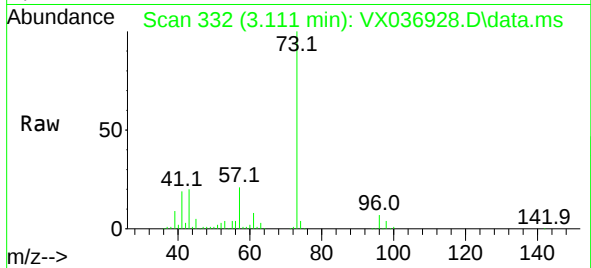
Tgt Ion: 43 Resp: 169082
Ion Ratio Lower Upper
43 100
74 26.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 56.330 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

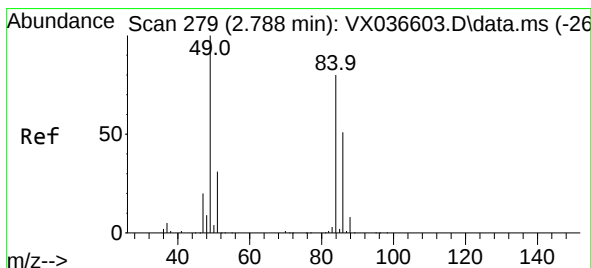
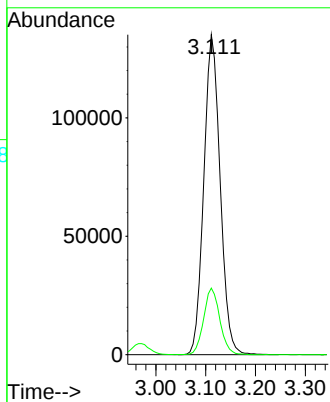
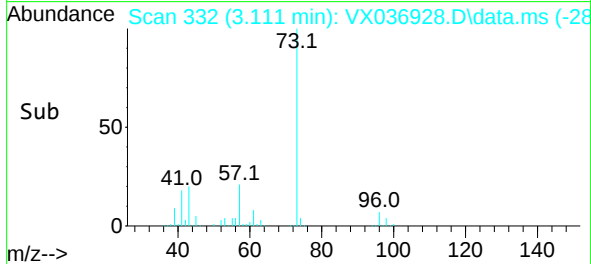
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 30765
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

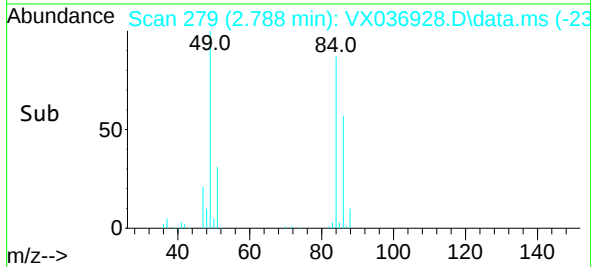
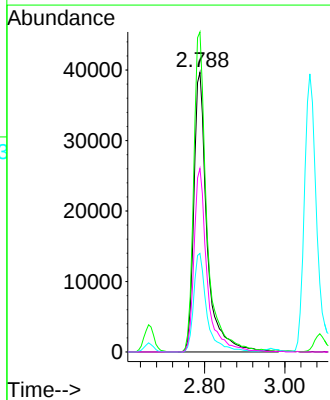
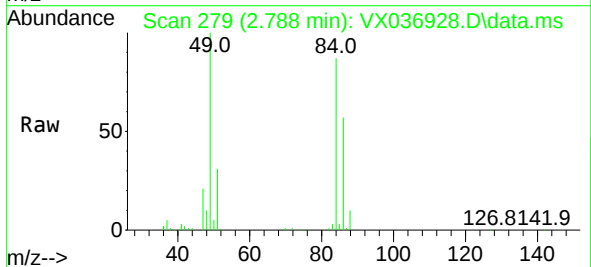
Manual Integrations
APPROVED

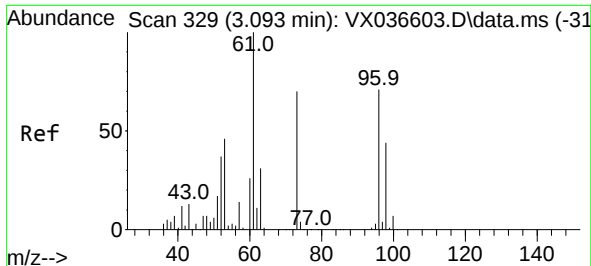
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#20
Methylene Chloride
Concen: 51.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

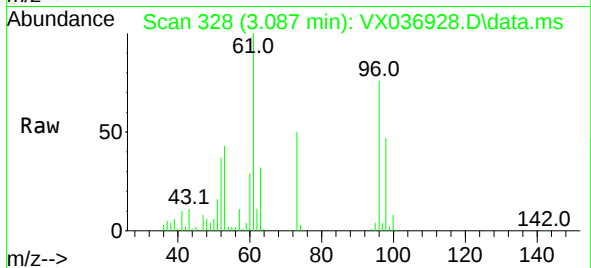
Tgt Ion: 84 Resp: 91043
Ion Ratio Lower Upper
84 100
49 114.5 103.6 155.4
51 35.3 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.254 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

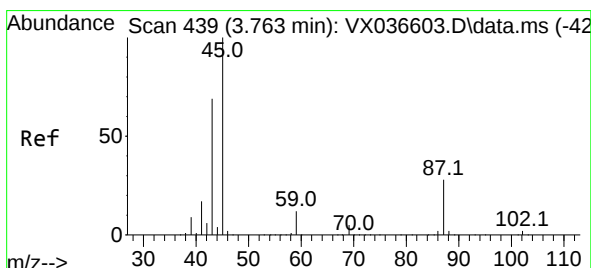
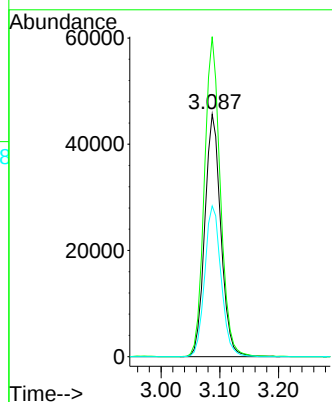
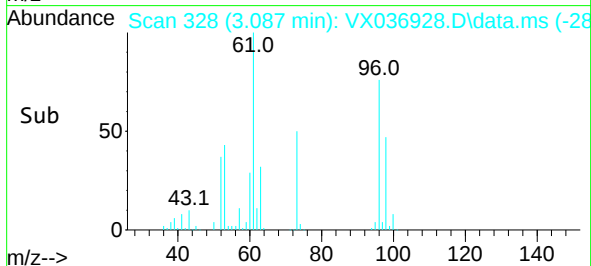
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



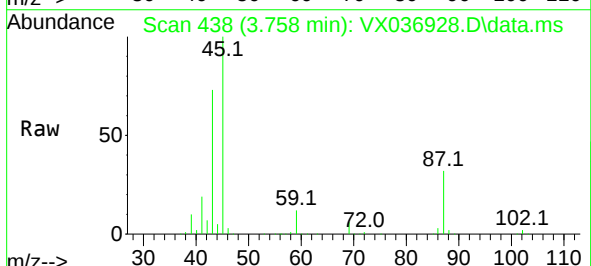
Tgt Ion: 96 Resp: 86504
Ion Ratio Lower Upper
96 100
61 132.0 119.2 178.8
98 62.2 48.7 73.1

Manual Integrations
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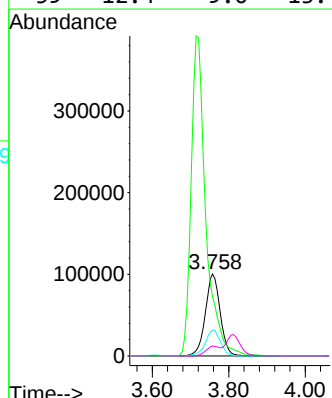
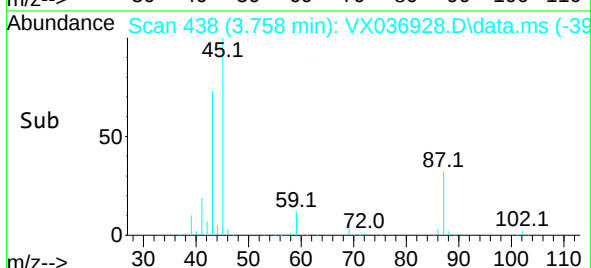
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

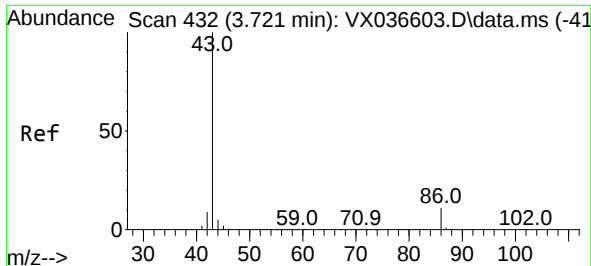


#22
Diisopropyl ether
Concen: 49.609 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



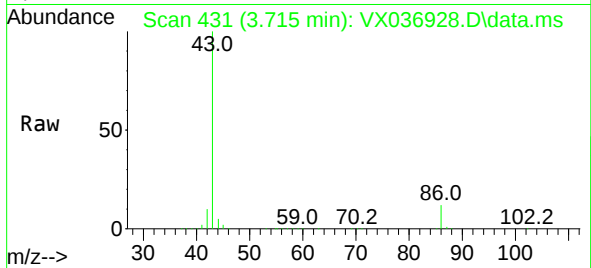
Tgt Ion: 45 Resp: 269580
Ion Ratio Lower Upper
45 100
43 72.1 69.7 104.5
87 31.7 20.8 31.2#
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 250.859 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32

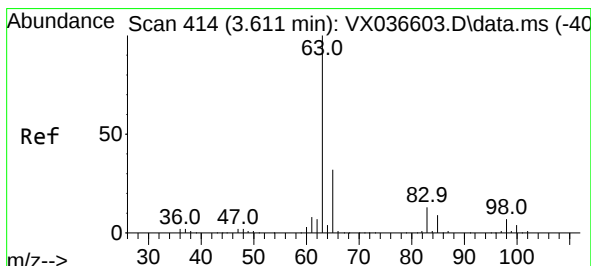
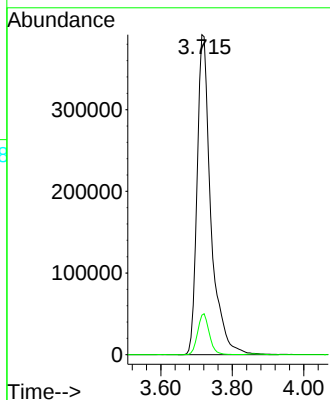
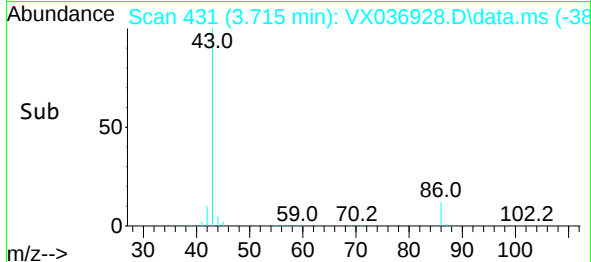
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



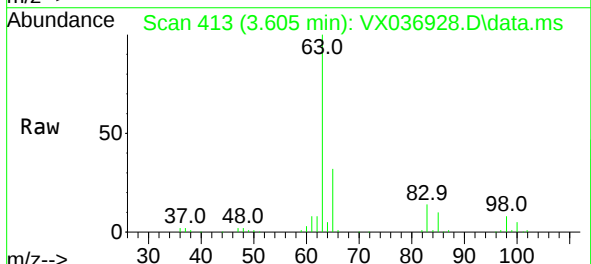
Tgt Ion: 43 Resp: 104566
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

Manual Integrations
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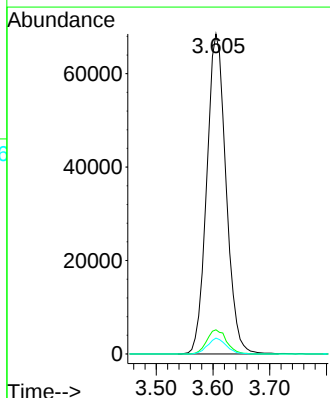
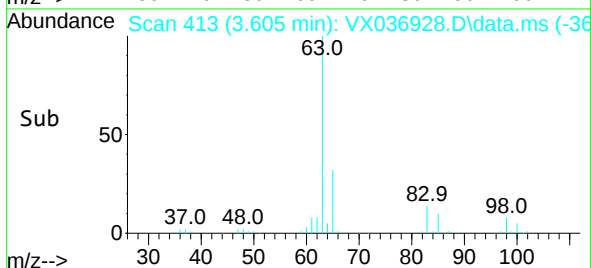
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023

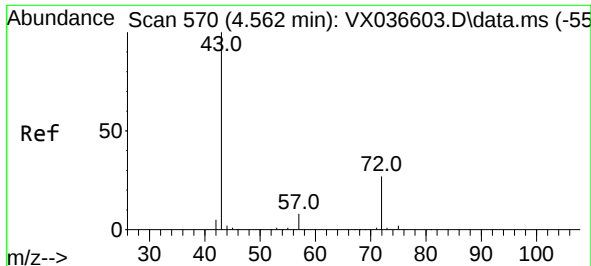


#24
 1,1-Dichloroethane
 Concen: 53.187 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32



Tgt Ion: 63 Resp: 162043
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.9 2.1 6.5





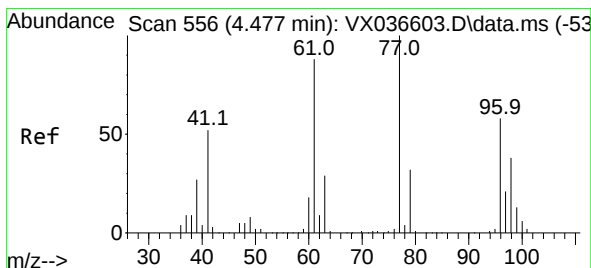
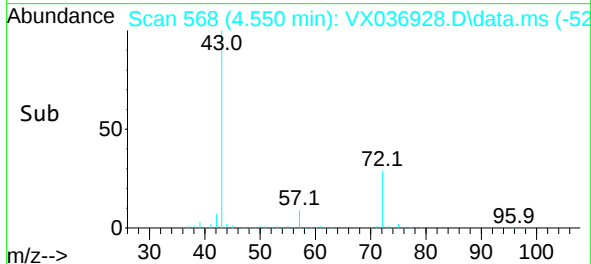
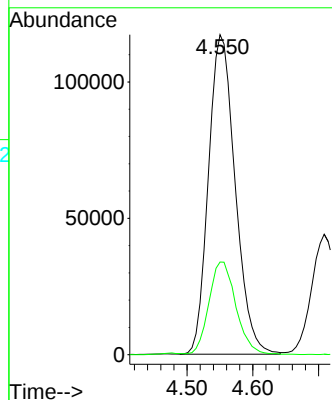
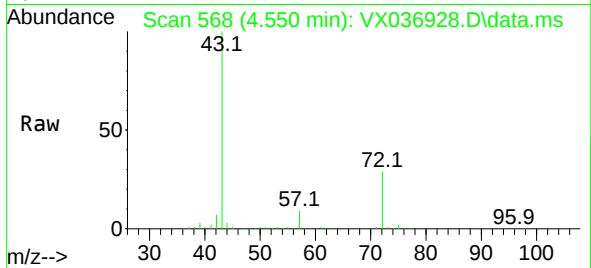
#25
2-Butanone
Concen: 256.318 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33142
Ion Ratio Lower Upper
43 100
72 28.8 19.4 29.2

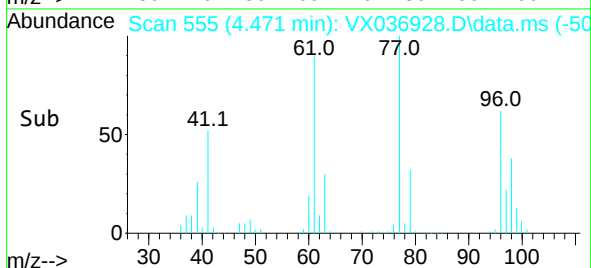
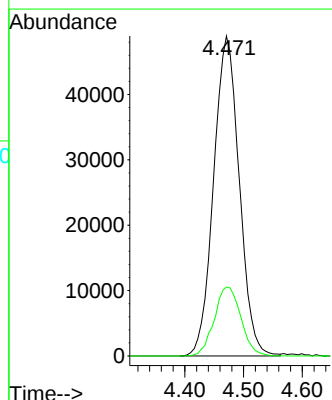
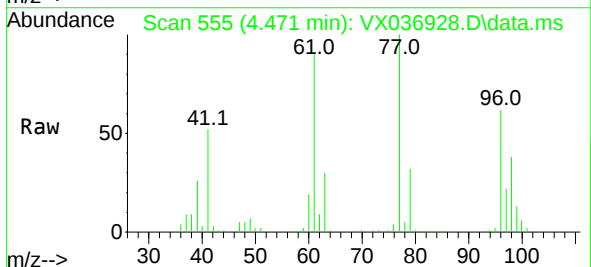
Manual Integrations
APPROVED

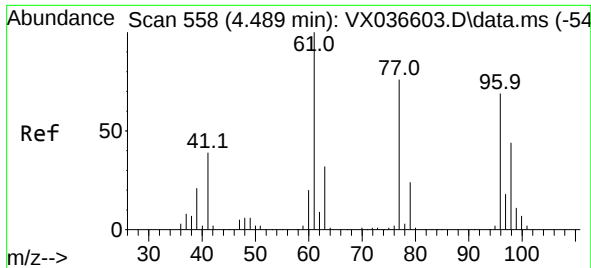
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#26
2,2-Dichloropropane
Concen: 51.621 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Tgt Ion: 77 Resp: 148193
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





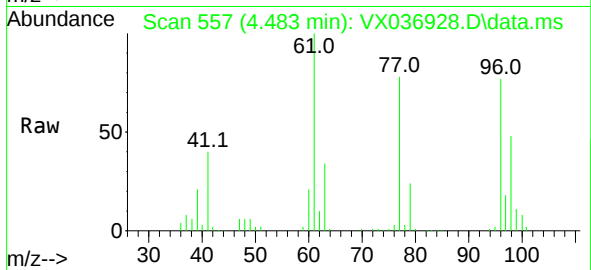
#27
 cis-1,2-Dichloroethene
 Concen: 55.515 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



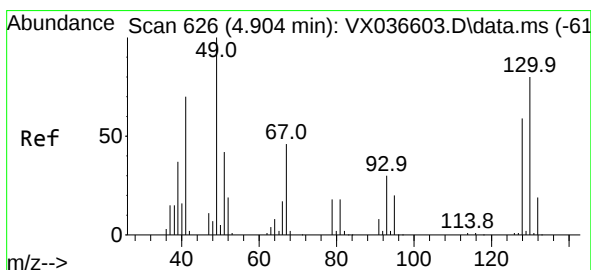
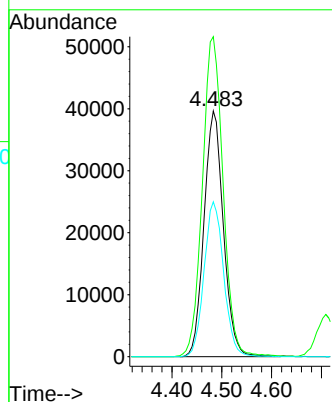
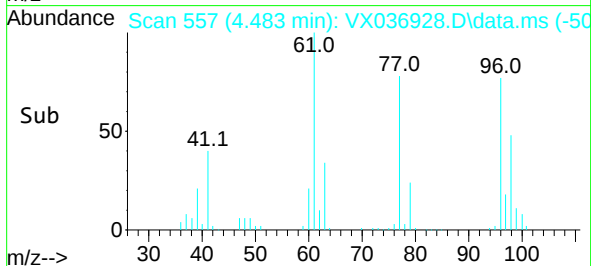
Tgt Ion: 96 Resp: 10710
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 312.2
 98 63.8 0.0 129.0

Manual Integrations

APPROVED

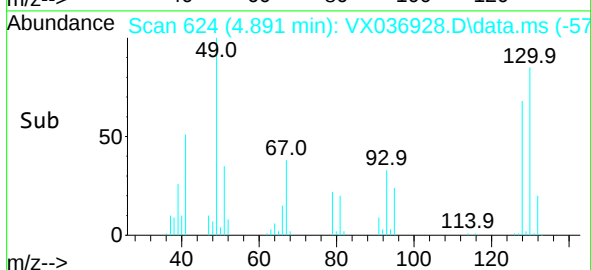
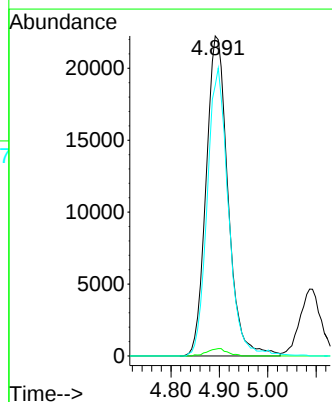
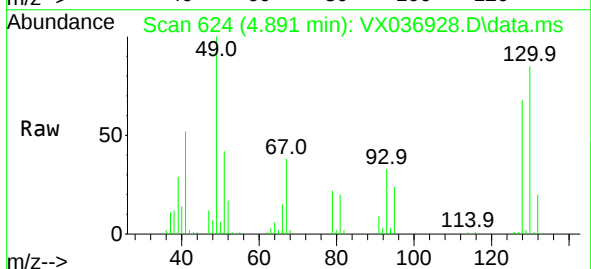
Reviewed By :John Carlone 08/14/2023

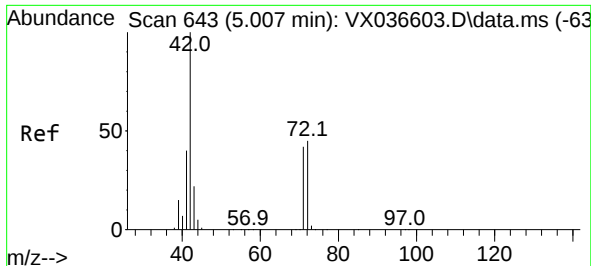
Supervised By :Mahesh Dadoda 08/15/2023



#28
 Bromochloromethane
 Concen: 47.372 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32

Tgt Ion: 49 Resp: 69802
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 86.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 244.245 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036928.D

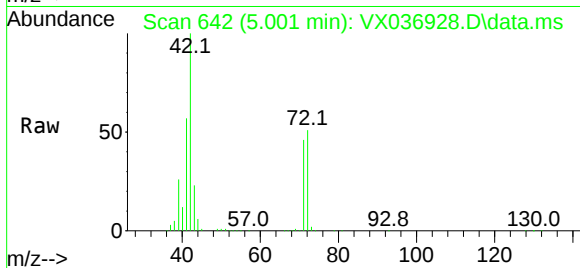
Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 203609

Ion Ratio Lower Upper

42 100

72 52.0 34.2 51.4

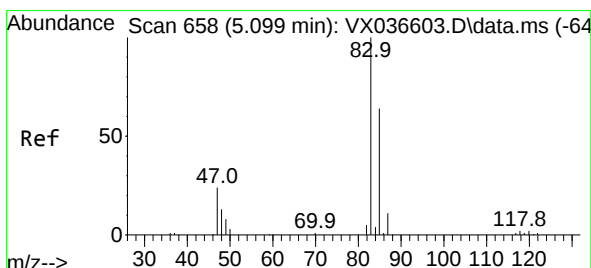
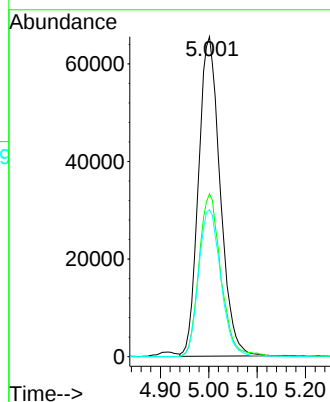
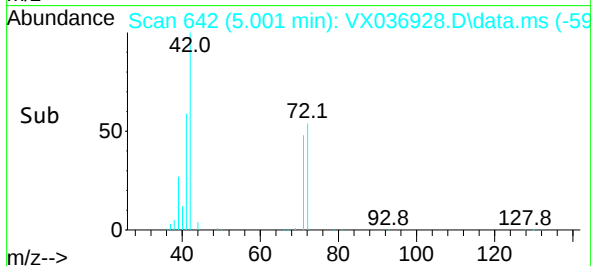
71 47.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#30

Chloroform

Concen: 57.099 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX036928.D

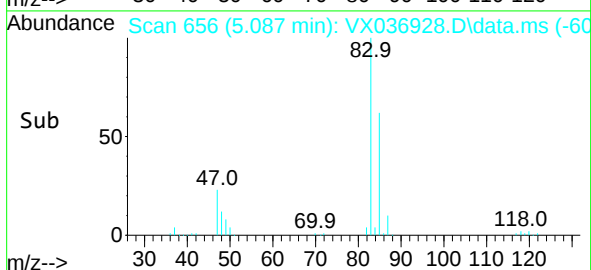
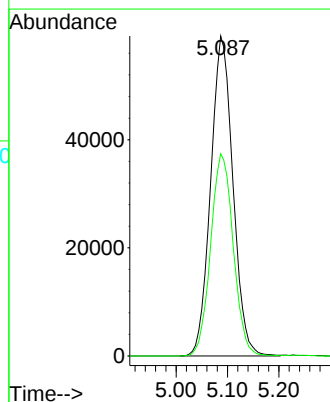
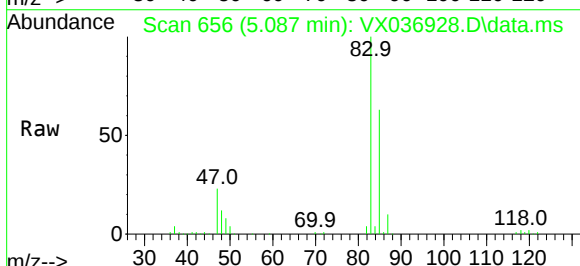
Acq: 11 Aug 2023 09:32

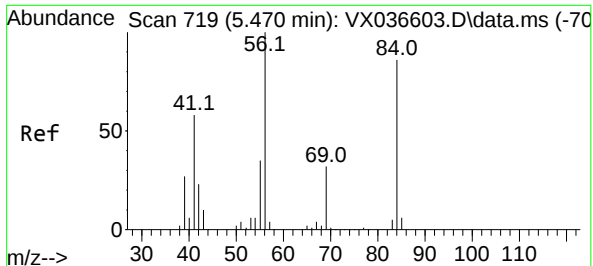
Tgt Ion: 83 Resp: 177977

Ion Ratio Lower Upper

83 100

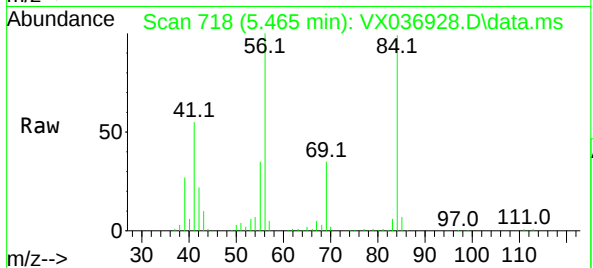
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 43.955 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

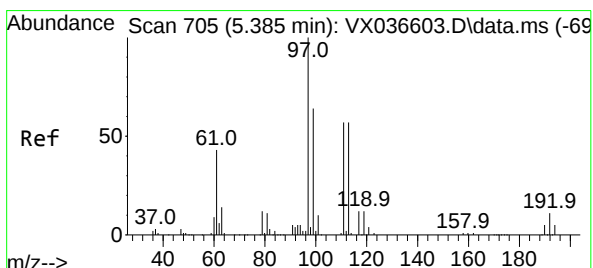
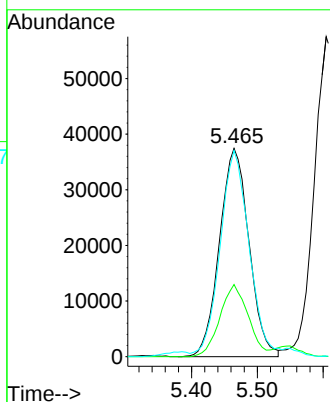
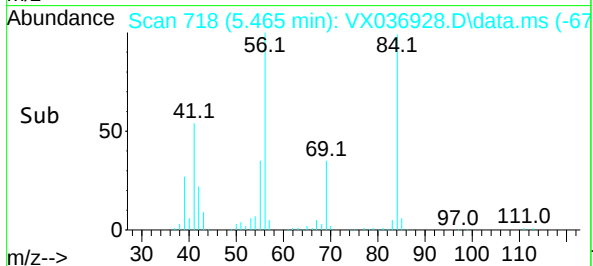
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



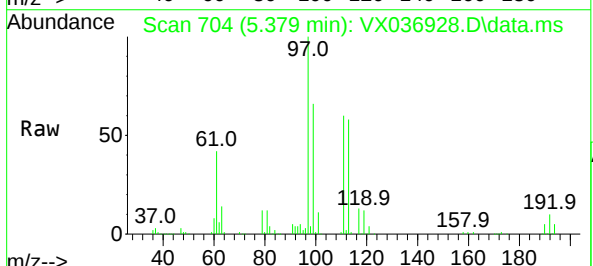
Tgt Ion: 56 Resp: 11688
Ion Ratio Lower Upper
56 100
69 34.6 23.4 35.2
84 96.8 65.9 98.9

Manual Integrations
APPROVED

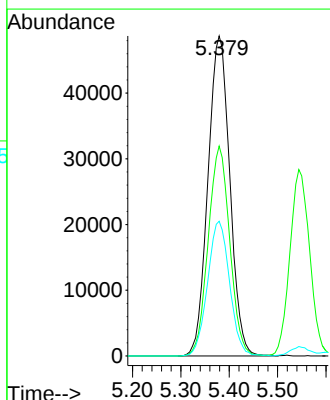
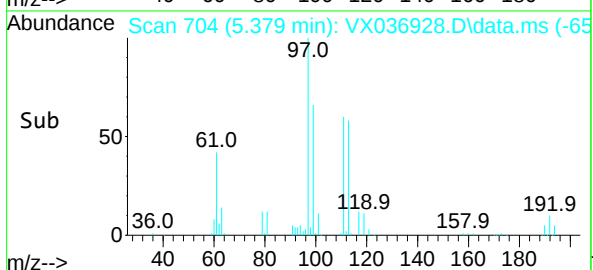
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

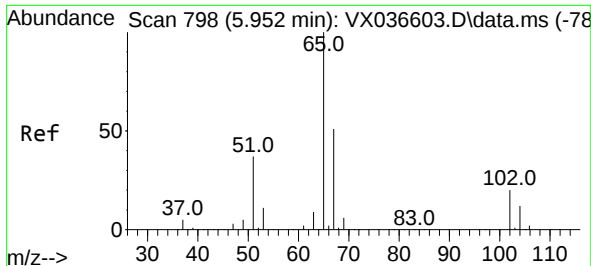


#32
1,1,1-Trichloroethane
Concen: 53.611 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion: 97 Resp: 153118
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 42.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.559 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 97100

Ion Ratio Lower Upper

65 100

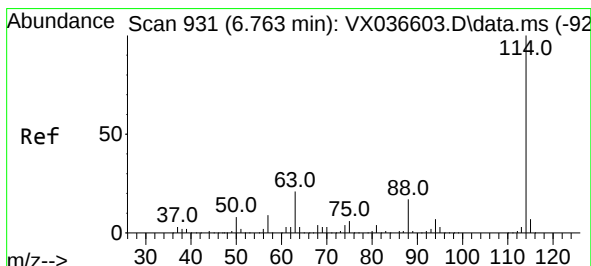
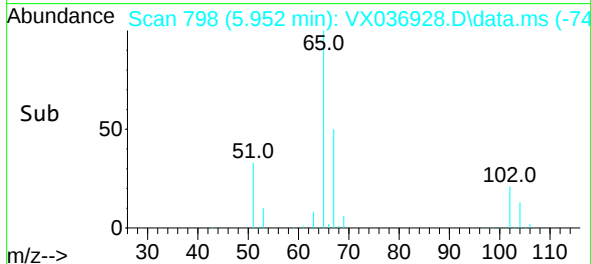
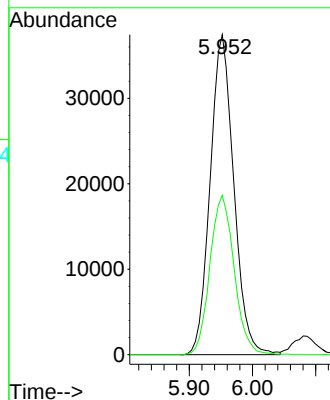
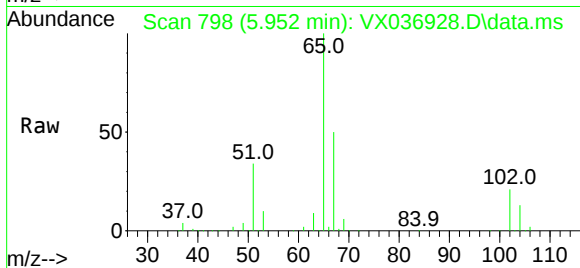
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

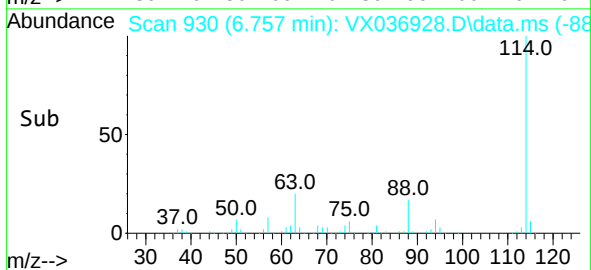
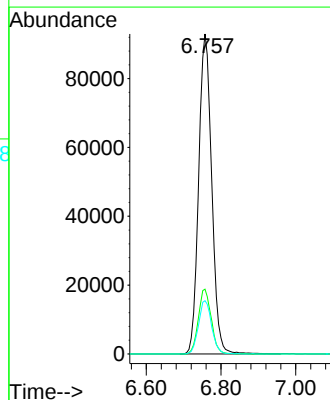
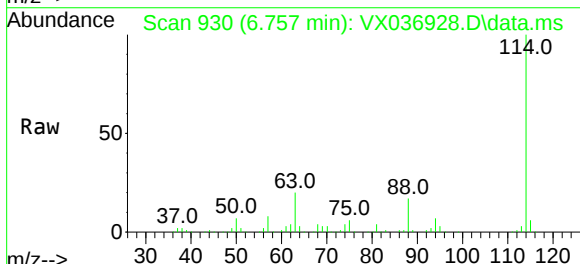
Tgt Ion:114 Resp: 224787

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.342 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

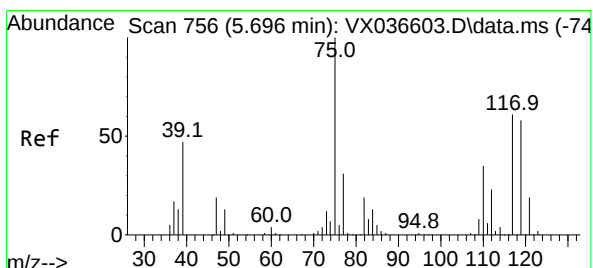
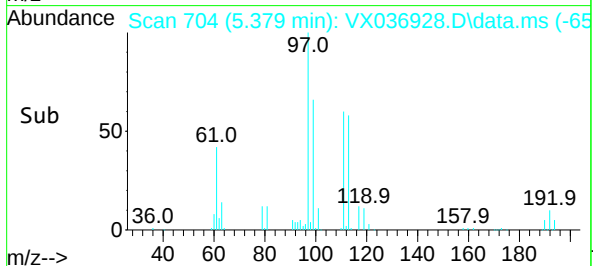
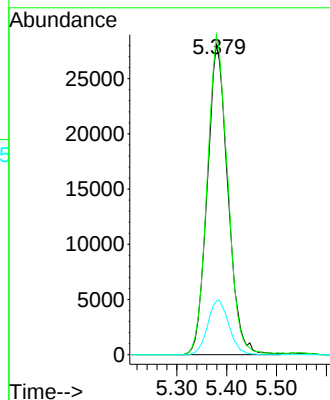
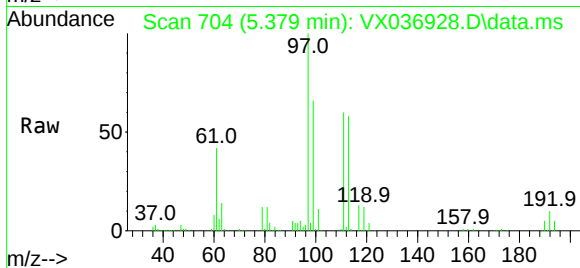
Tgt Ion:	113	Resp:	8087
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#36

1,1-Dichloropropene

Concen: 51.204 ug/l

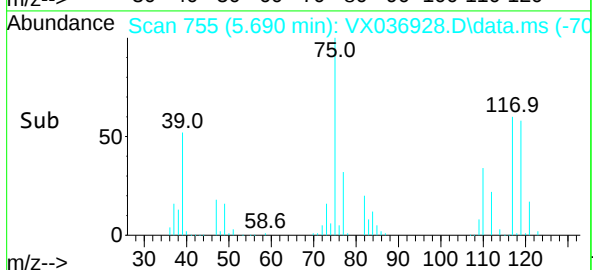
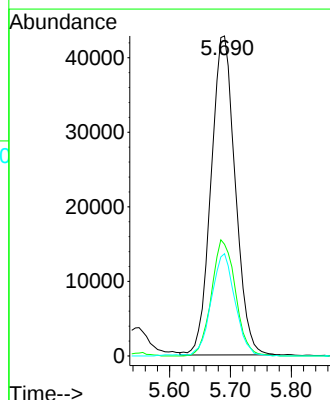
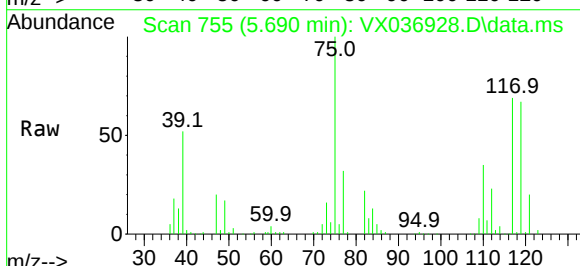
RT: 5.690 min Scan# 755

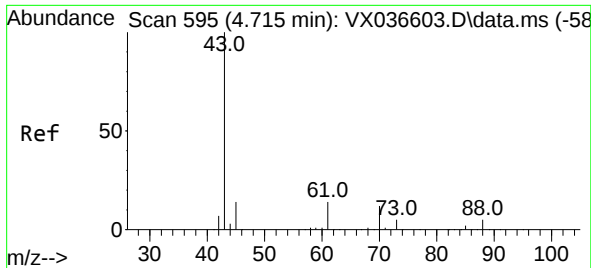
Delta R.T. -0.006 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Tgt Ion:	75	Resp:	117919
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.0	50.9
77	31.5	24.7	37.1





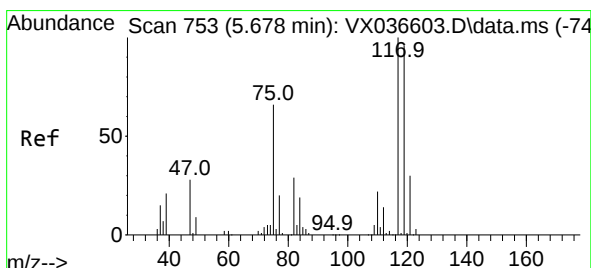
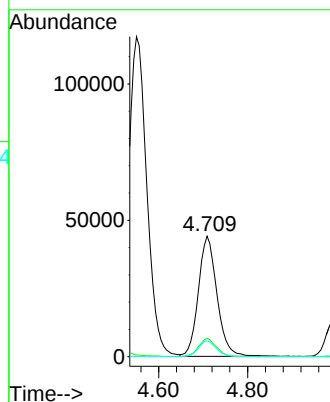
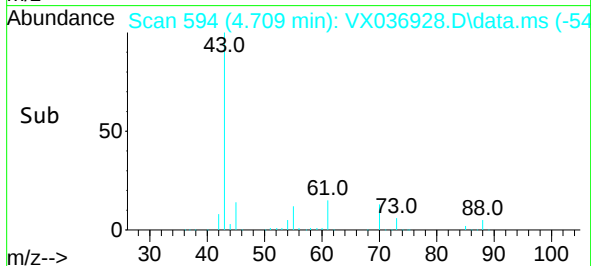
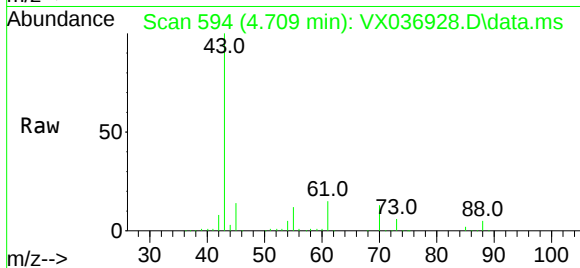
#37
Ethyl Acetate
Concen: 49.200 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 12824
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 12.6 8.3 12.5

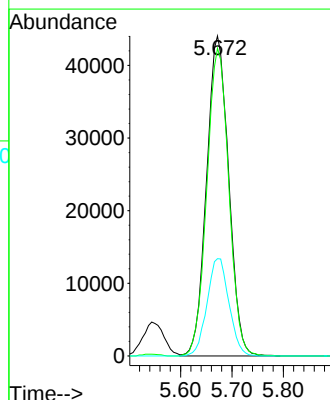
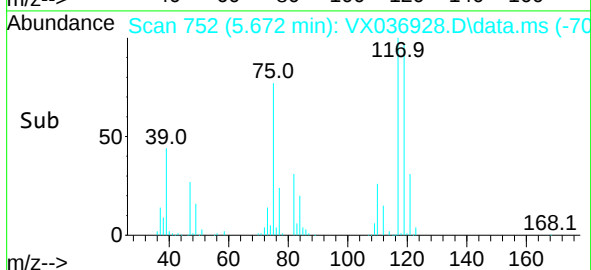
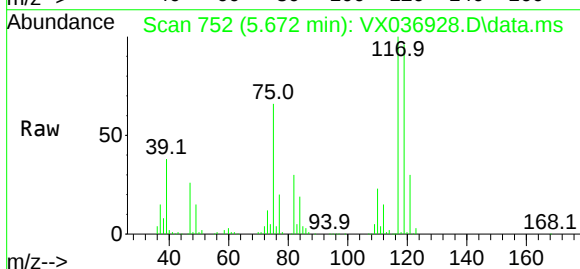
Manual Integrations
APPROVED

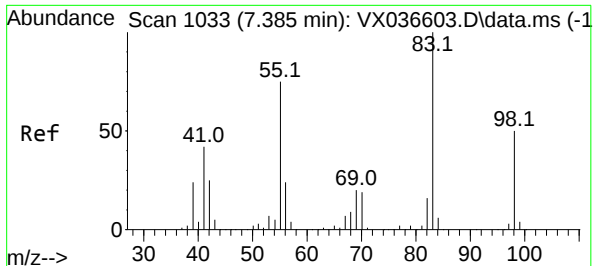
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Carbon Tetrachloride
Concen: 53.817 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

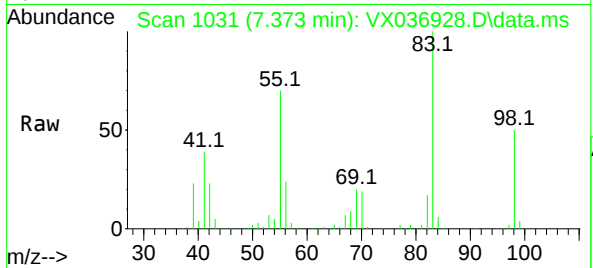
Tgt Ion:117 Resp: 131762
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 43.618 ug/l
RT: 7.373 min Scan# 1033
Delta R.T. -0.012 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

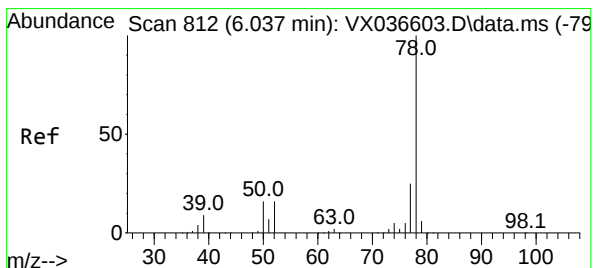
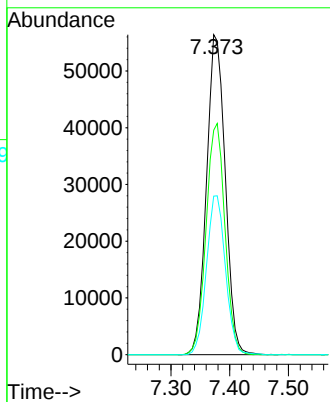
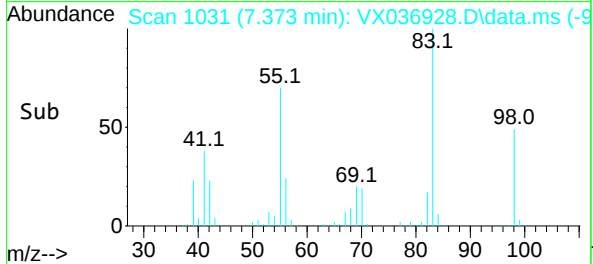
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



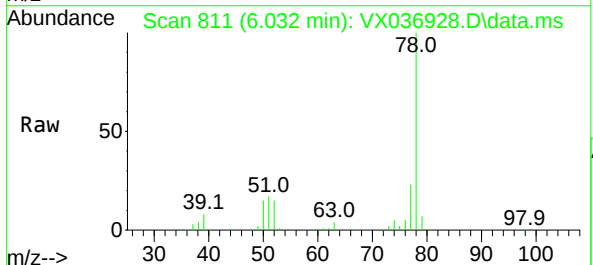
Tgt Ion: 83 Resp: 124902
Ion Ratio Lower Upper
83 100
55 70.1 64.6 97.0
98 49.6 36.7 55.1

Manual Integrations
APPROVED

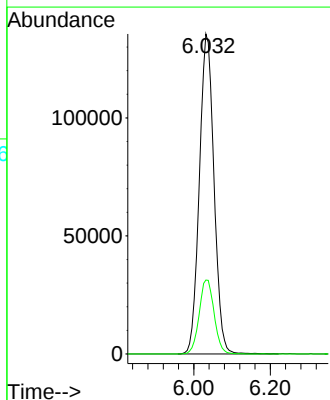
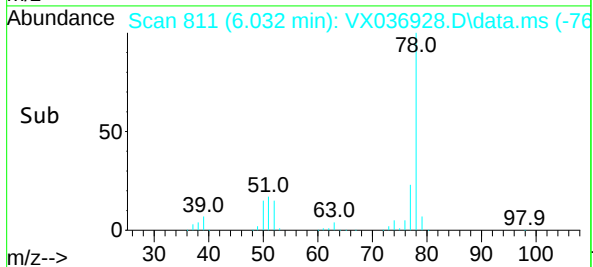
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#40
Benzene
Concen: 53.714 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion: 78 Resp: 359895
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





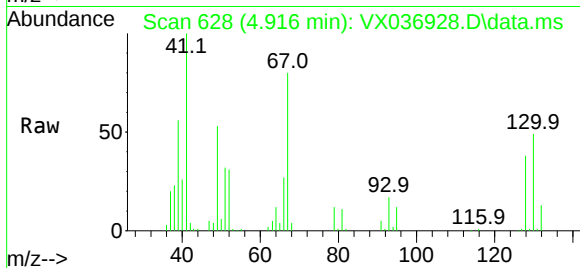
#41
Methacrylonitrile
Concen: 48.496 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



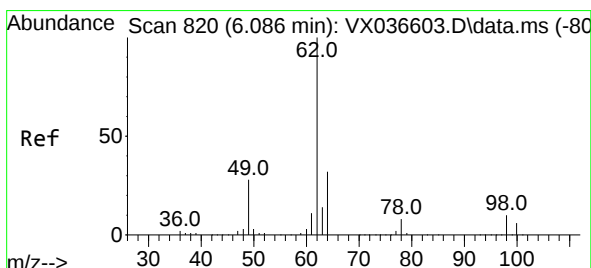
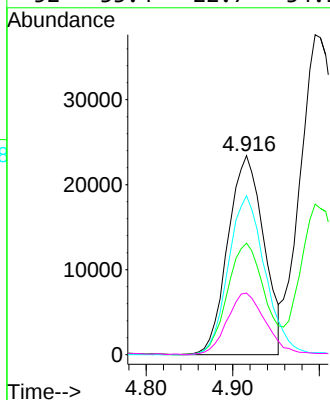
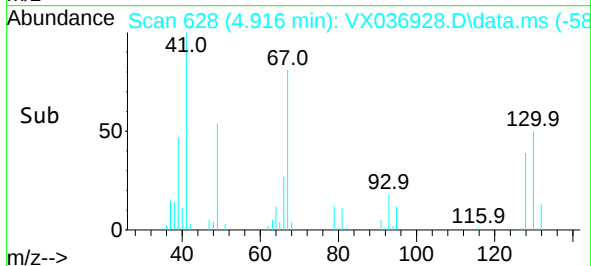
Tgt Ion:	41	Resp:	6760
Ion Ratio	100	Lower	Upper
39	58.7	45.2	67.8
67	82.2	52.6	78.8
52	33.4	22.7	34.1

Manual Integrations

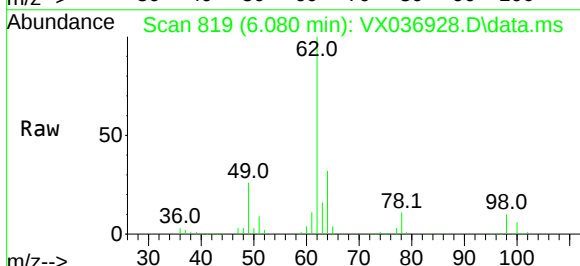
APPROVED

Reviewed By :John Carlone 08/14/2023

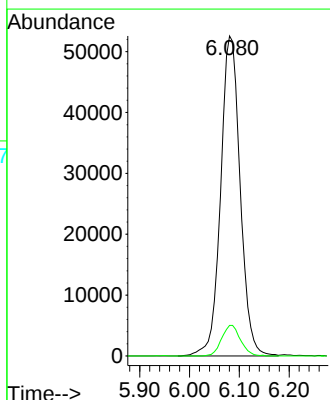
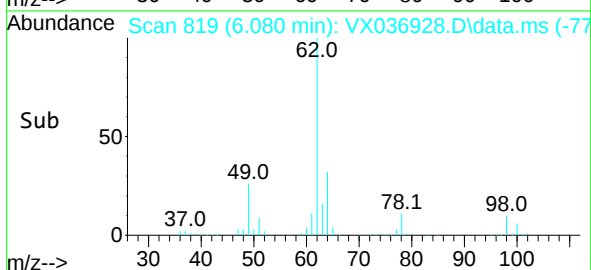
Supervised By :Mahesh Dadoda 08/15/2023



#42
1,2-Dichloroethane
Concen: 58.407 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



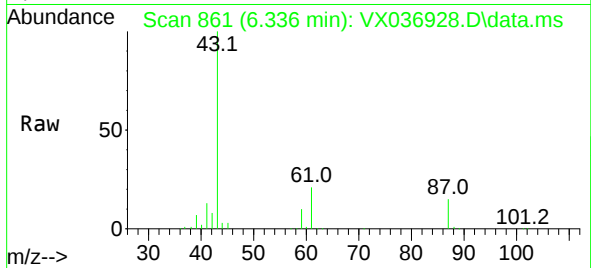
Tgt Ion:	62	Resp:	143080
Ion Ratio	100	Lower	Upper
98	9.3	0.0	16.0





#43
Isopropyl Acetate
Concen: 47.875 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

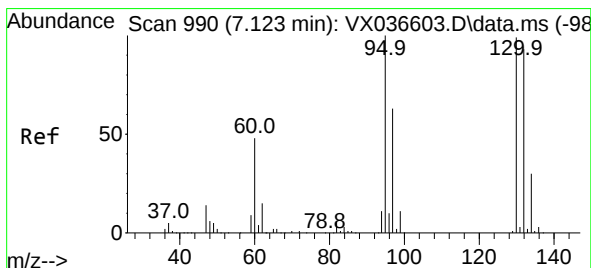
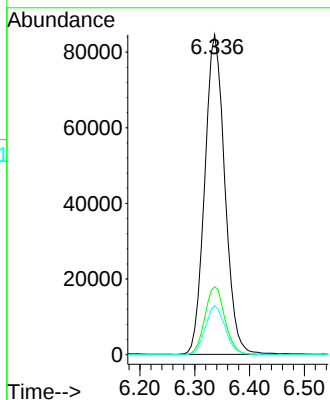
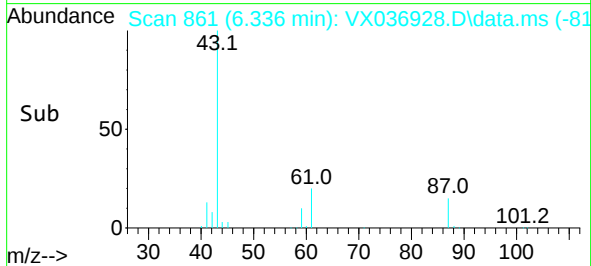
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21480
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 15.3 9.8 14.6

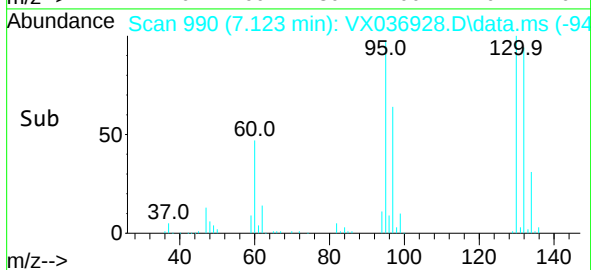
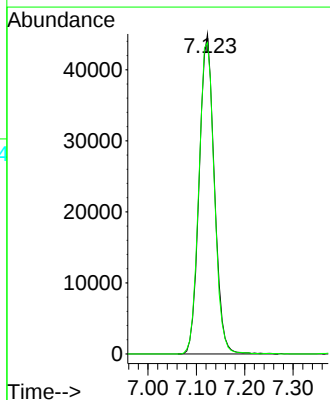
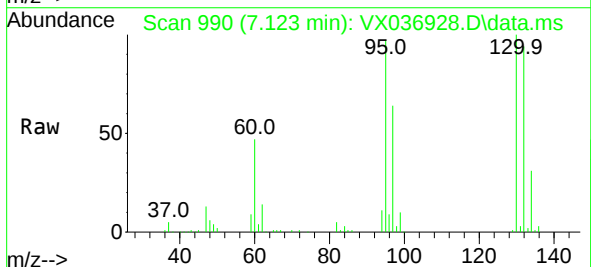
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#44
Trichloroethene
Concen: 55.876 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Tgt Ion:130 Resp: 97858
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.913 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9286

Ion Ratio Lower Upper

63 100

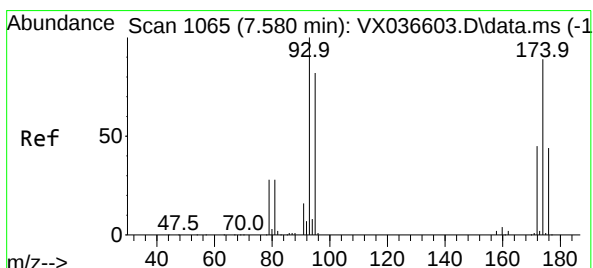
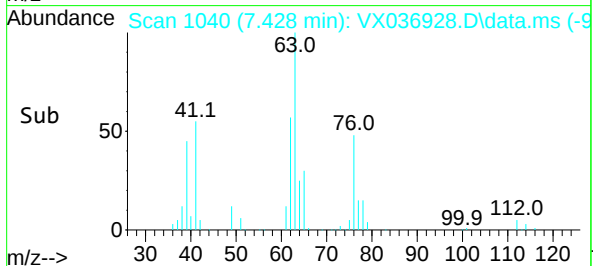
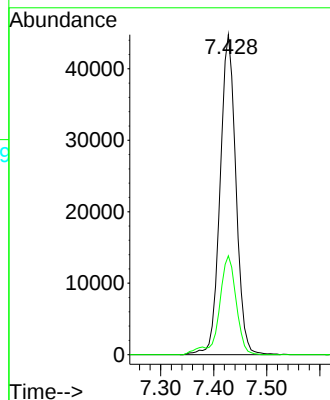
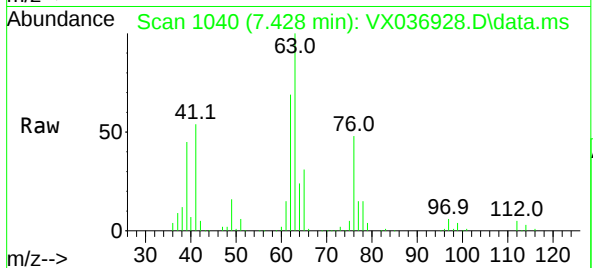
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#46

Dibromomethane

Concen: 56.699 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

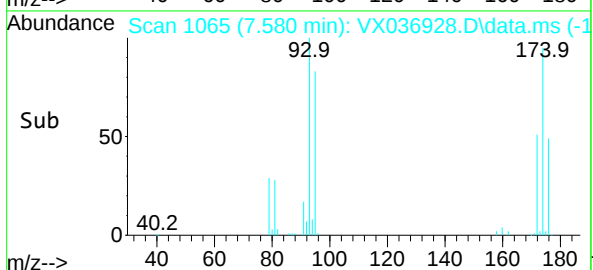
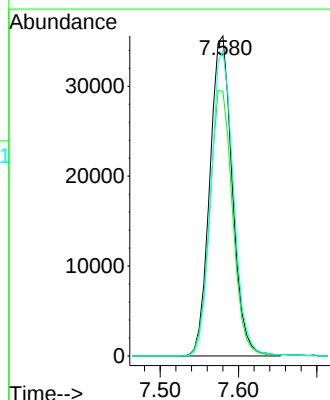
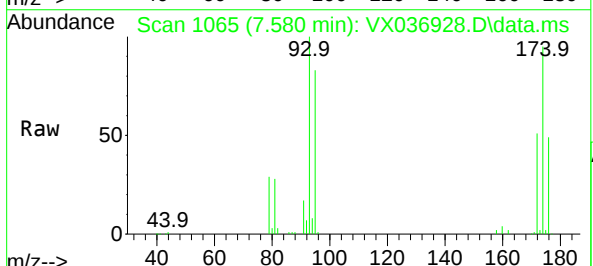
Tgt Ion: 93 Resp: 70986

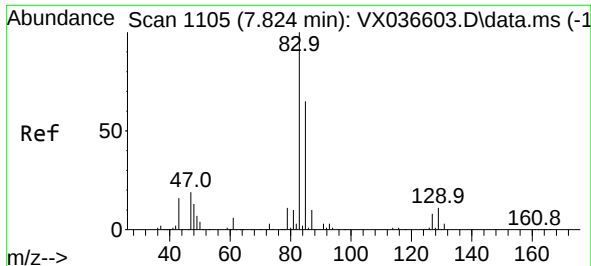
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

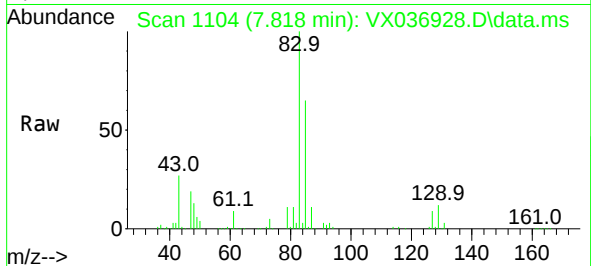
174 95.6 69.4 104.0





#47
Bromodichloromethane
Concen: 54.840 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

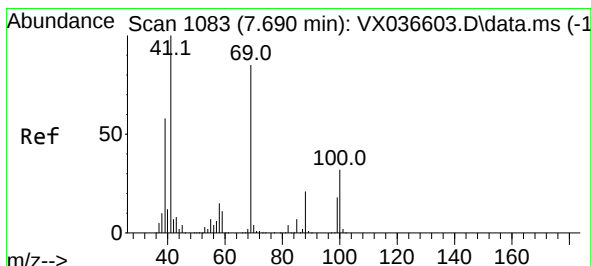
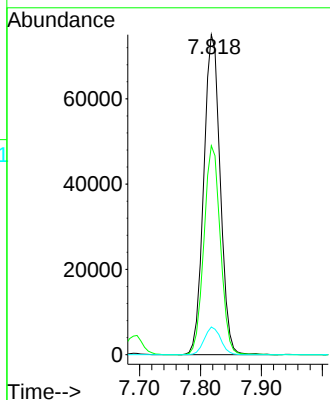
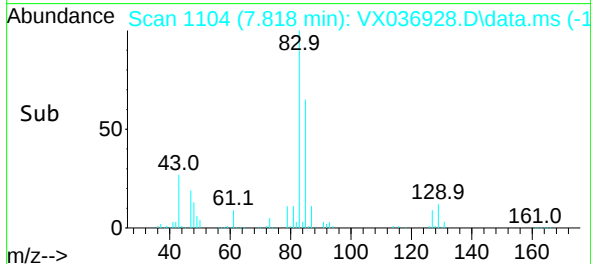
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 140932
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.7 7.1 10.7

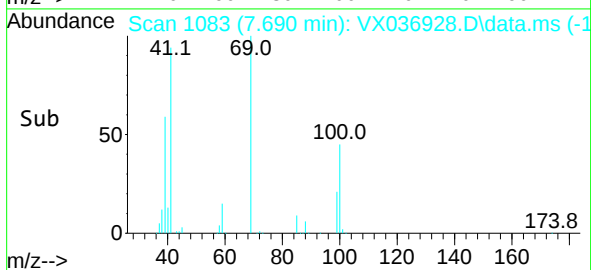
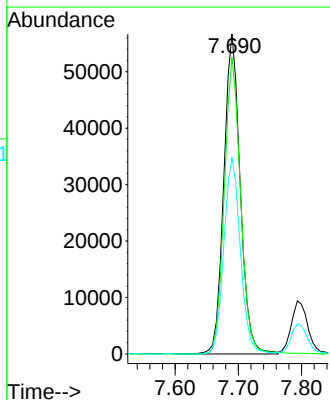
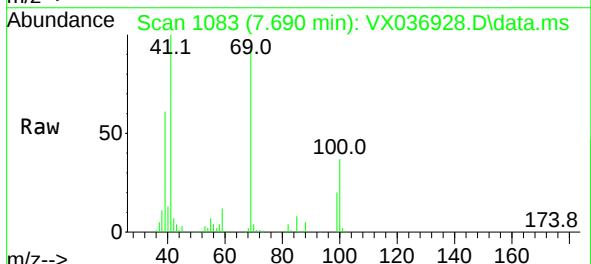
Manual Integrations
APPROVED

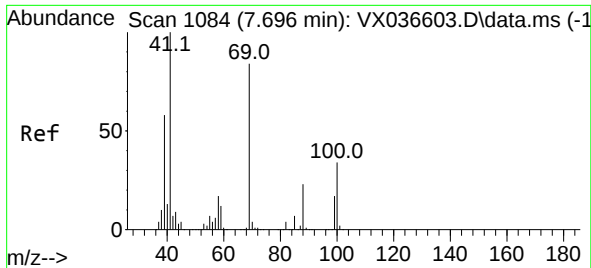
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#48
Methyl methacrylate
Concen: 48.878 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Tgt Ion: 41 Resp: 101989
Ion Ratio Lower Upper
41 100
69 92.0 59.2 88.8
39 61.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1087.510 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4584

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0

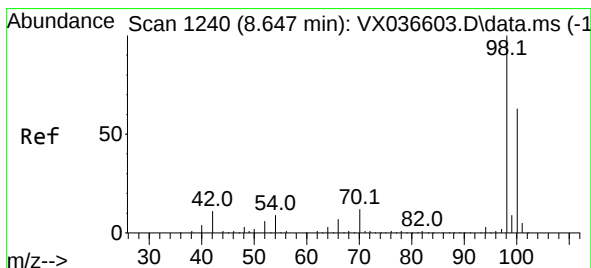
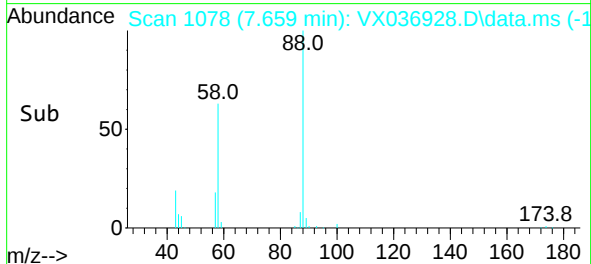
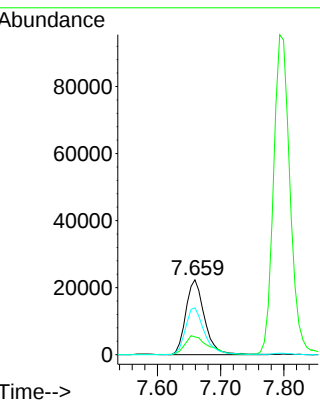
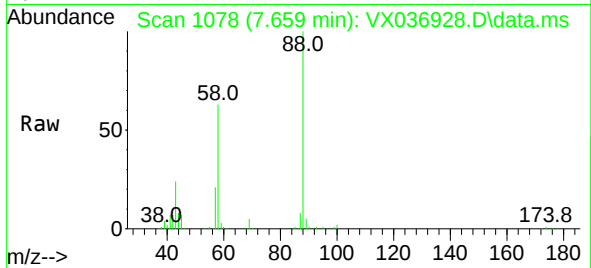
58 63.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#50

Toluene-d8

Concen: 46.747 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036928.D

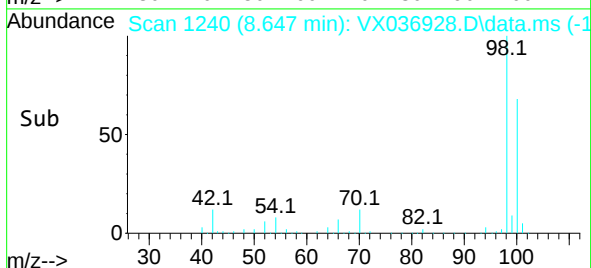
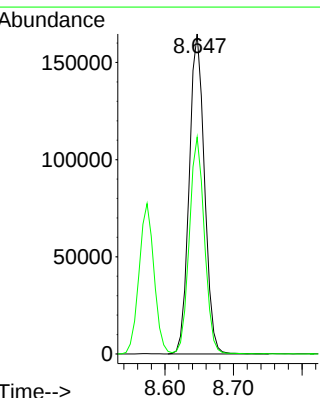
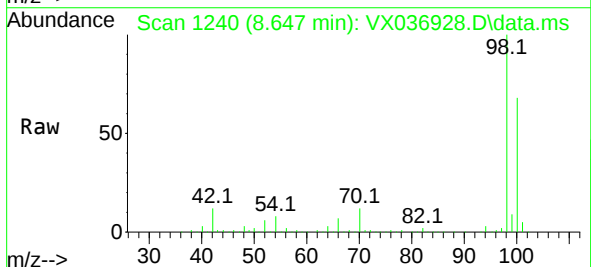
Acq: 11 Aug 2023 09:32

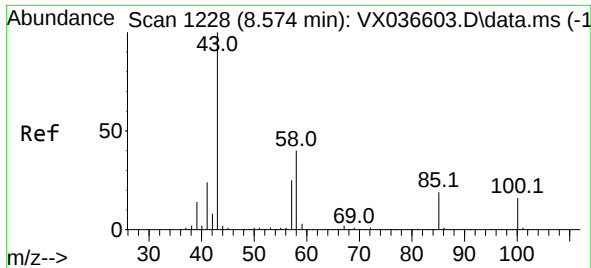
Tgt Ion: 98 Resp: 256131

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7





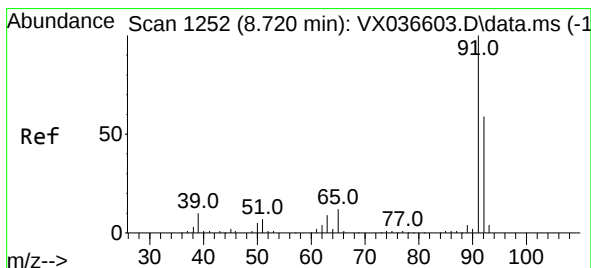
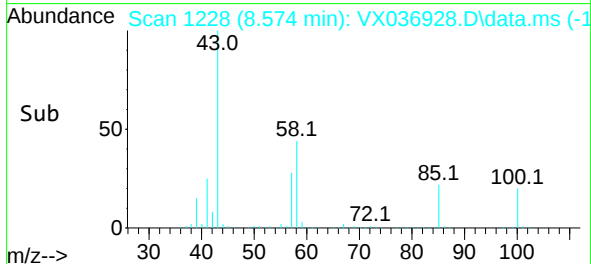
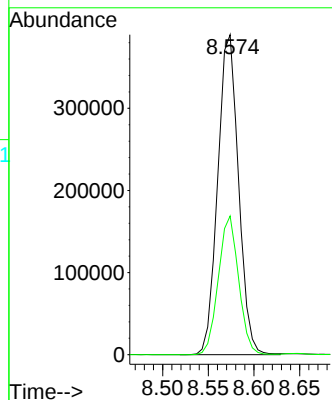
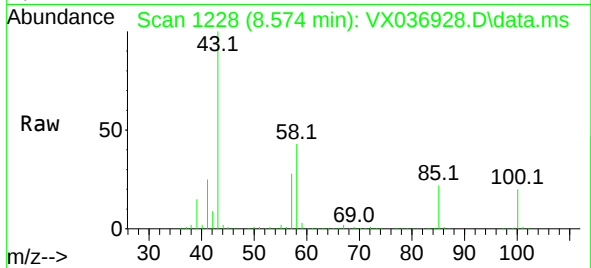
#51
4-Methyl-2-Pentanone
Concen: 248.181 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 616225
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6

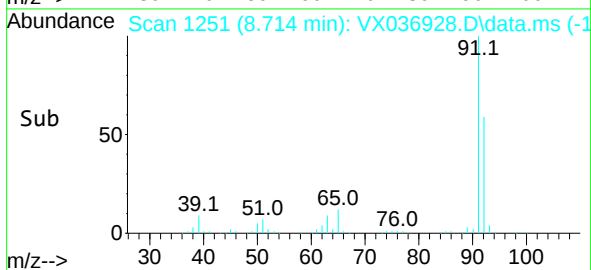
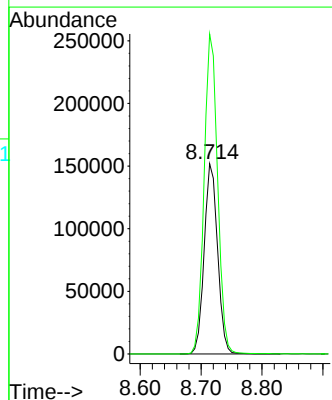
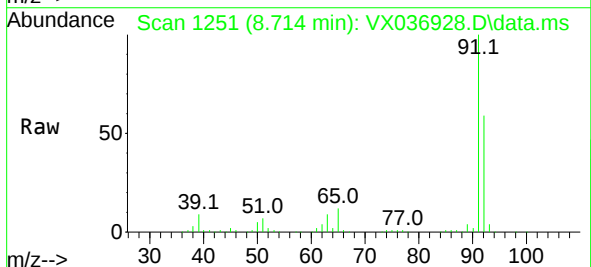
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
Toluene
Concen: 55.415 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Tgt Ion: 92 Resp: 232646
Ion Ratio Lower Upper
92 100
91 169.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.958 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

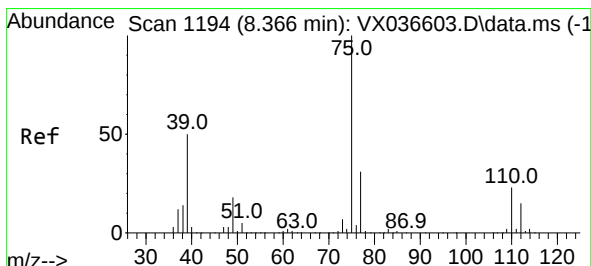
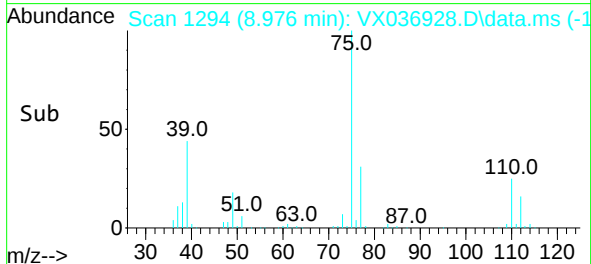
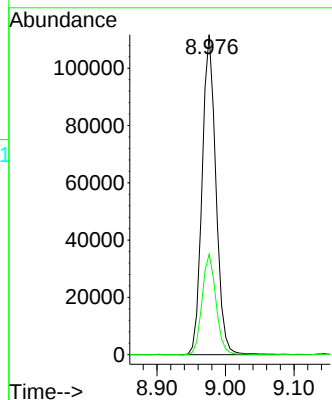
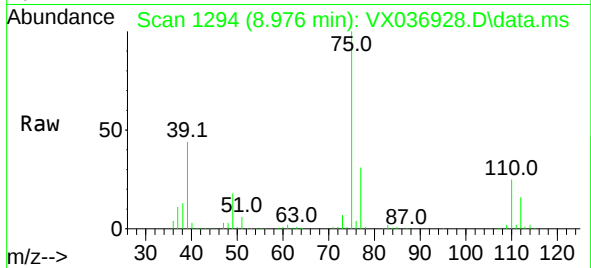
VSTDCCC050

Tgt Ion: 75 Resp: 15672
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations

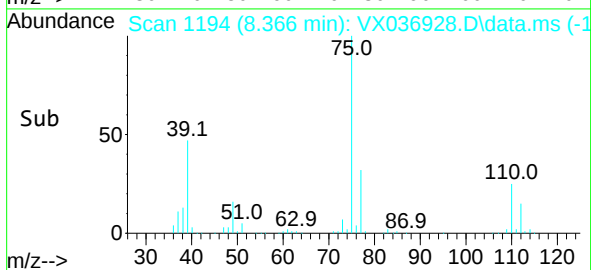
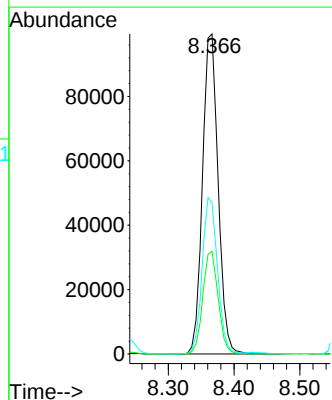
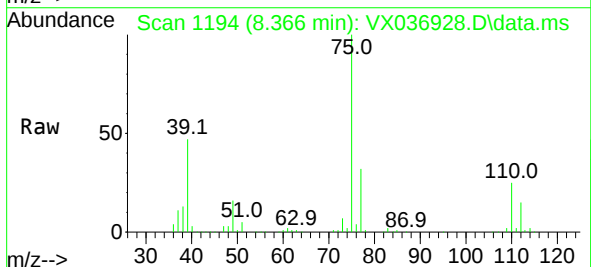
APPROVED

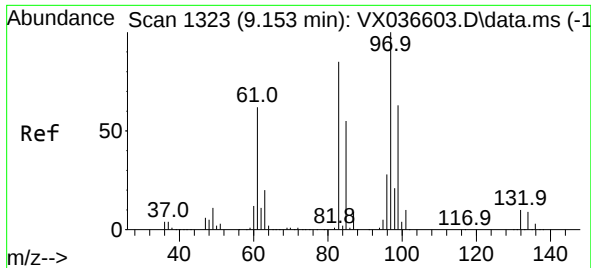
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#54
cis-1,3-Dichloropropene
Concen: 53.690 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

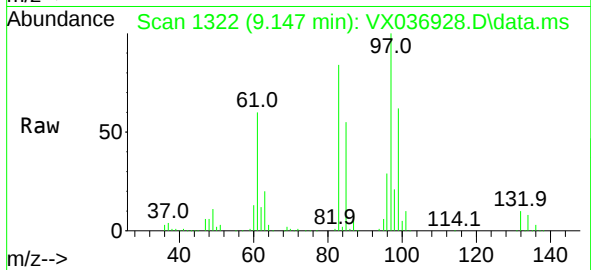
Tgt Ion: 75 Resp: 164560
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 47.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 56.554 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

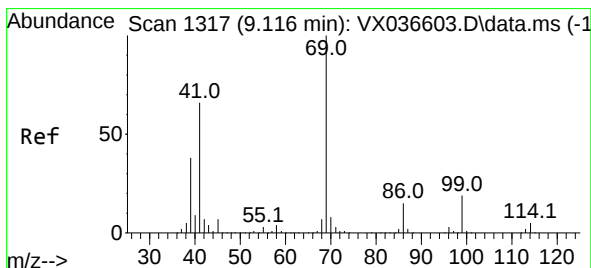
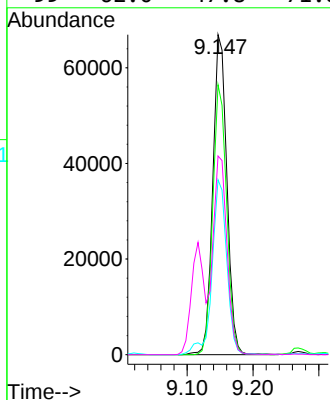
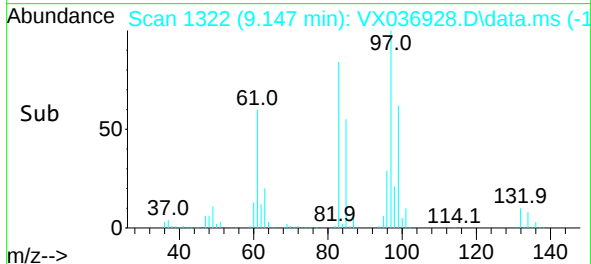
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



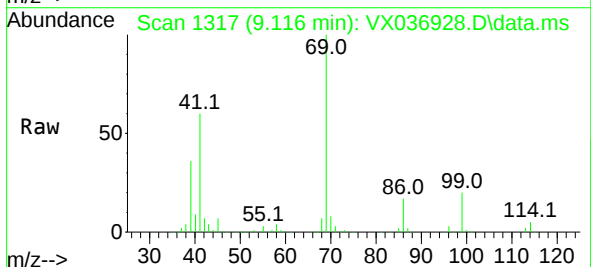
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	54.6	41.6	62.4
99	62.0	47.8	71.8

Manual Integrations
APPROVED

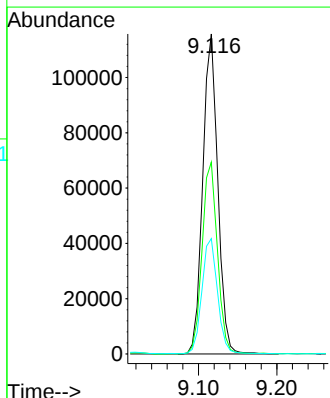
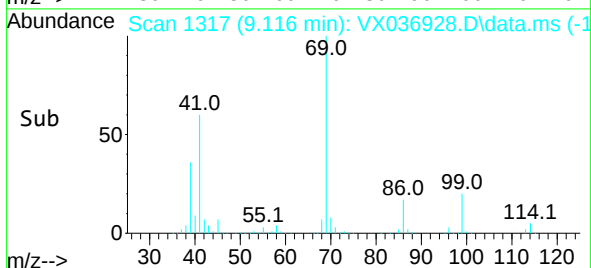
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

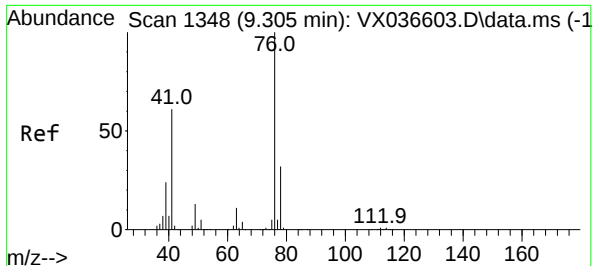


#56
Ethyl methacrylate
Concen: 53.633 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	56.8	85.2
39	37.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 56.394 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16576

Ion Ratio Lower Upper

76 100

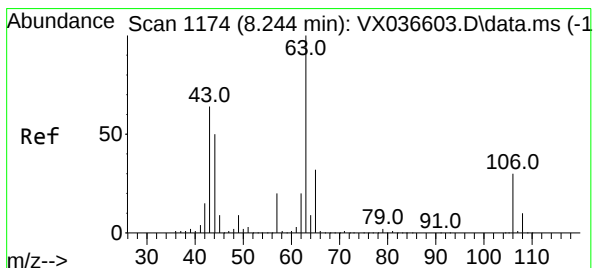
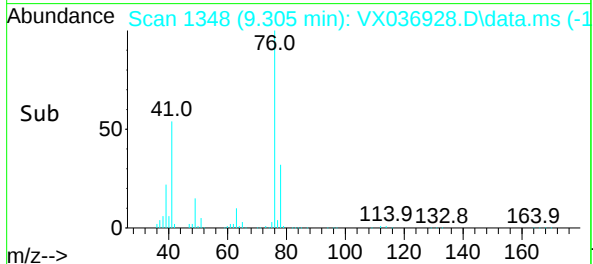
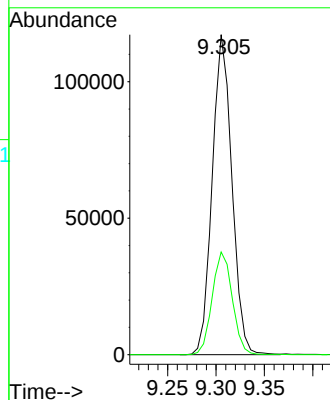
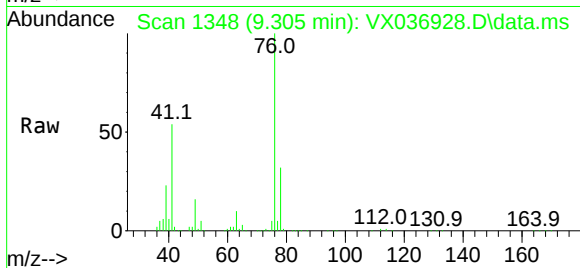
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.380 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036928.D

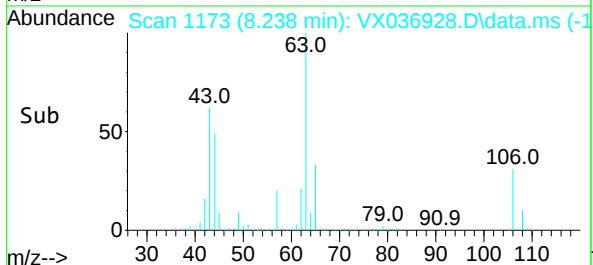
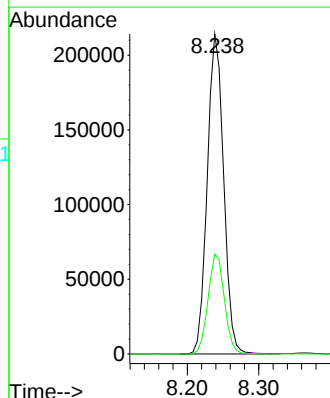
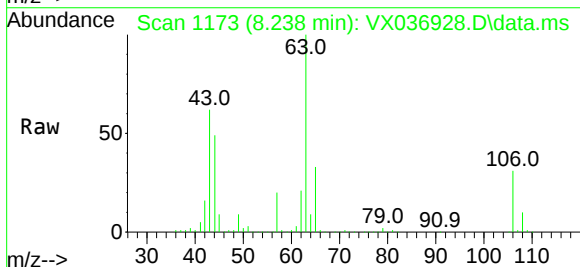
Acq: 11 Aug 2023 09:32

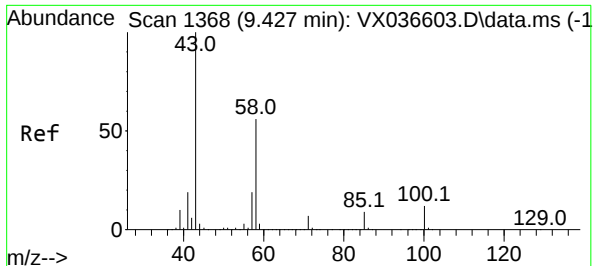
Tgt Ion: 63 Resp: 340366

Ion Ratio Lower Upper

63 100

106 31.1 22.5 33.7





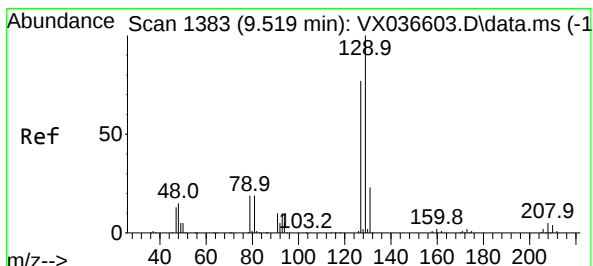
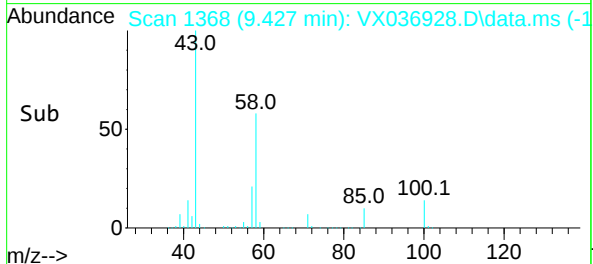
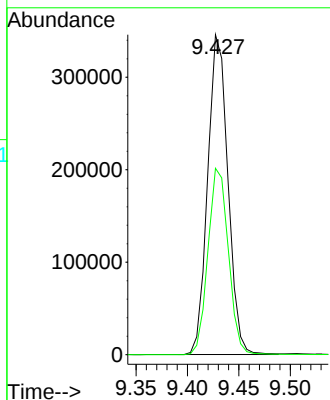
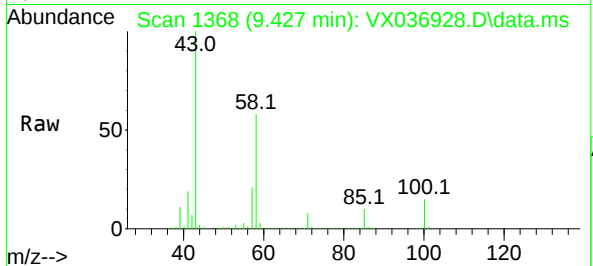
#59
2-Hexanone
Concen: 257.222 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47400
Ion Ratio Lower Upper
43 100
58 59.0 26.2 78.5

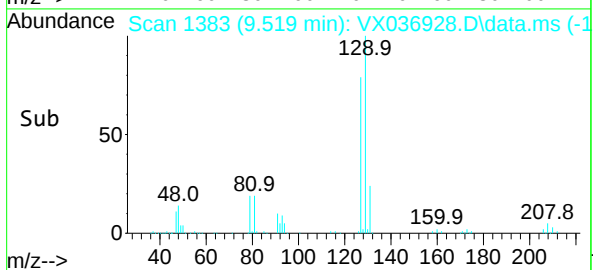
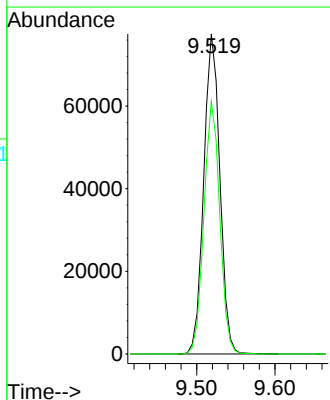
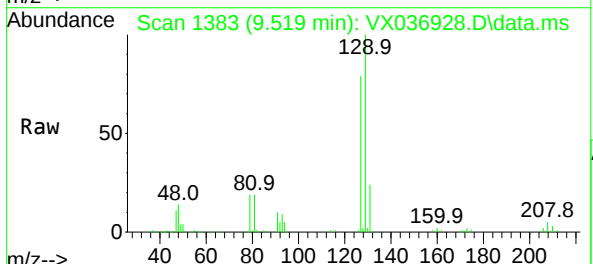
Manual Integrations
APPROVED

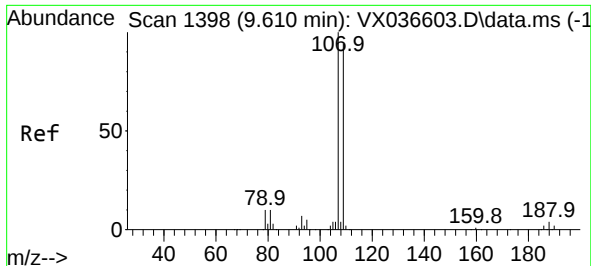
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#60
Dibromochloromethane
Concen: 56.978 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

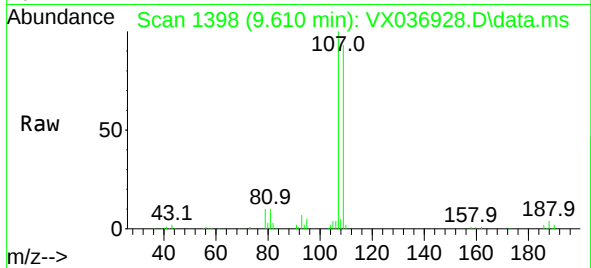
Tgt Ion:129 Resp: 110518
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.641 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

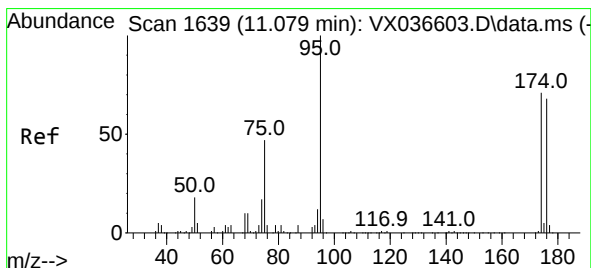
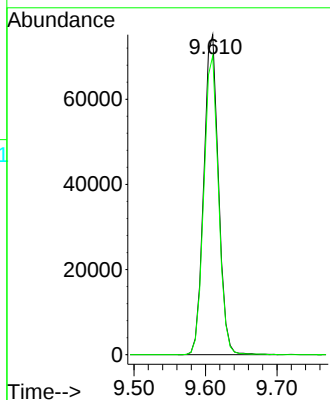
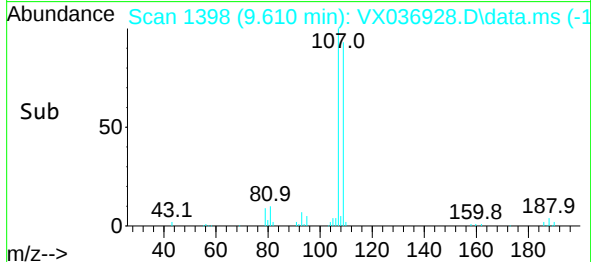
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



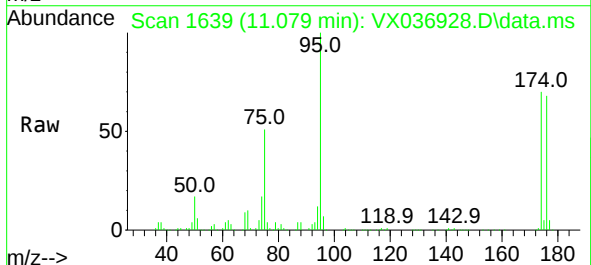
Tgt Ion:107 Resp: 107254
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

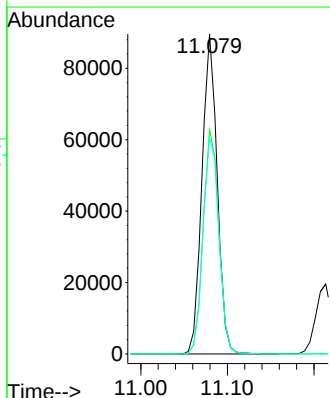
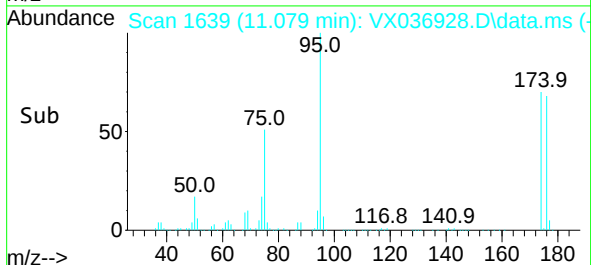
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

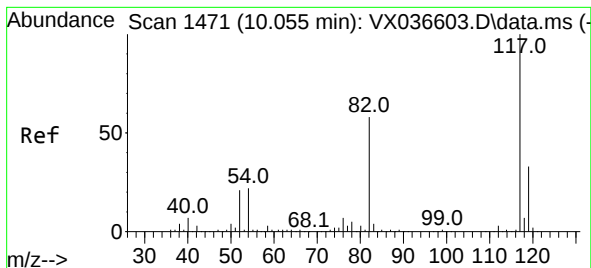


#62
4-Bromofluorobenzene
Concen: 52.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



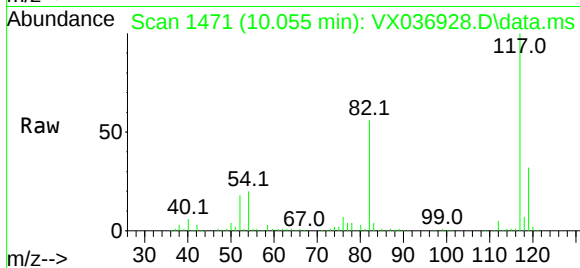
Tgt Ion: 95 Resp: 109302
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

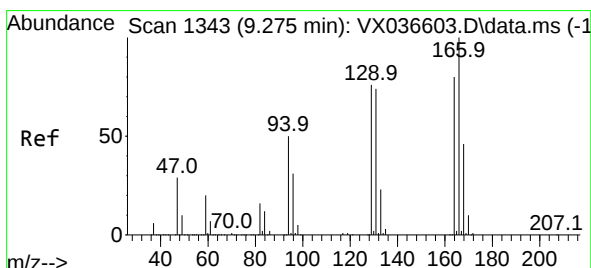
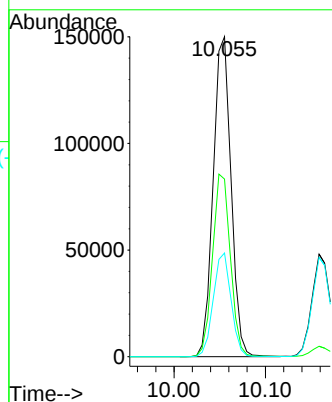
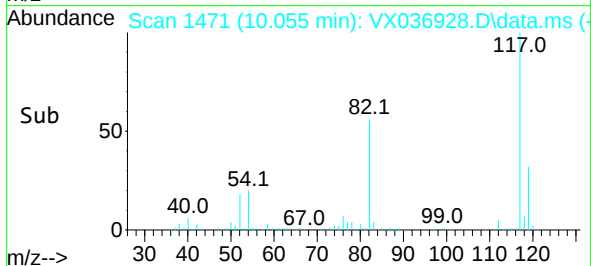
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 203554
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.4 25.5 38.3

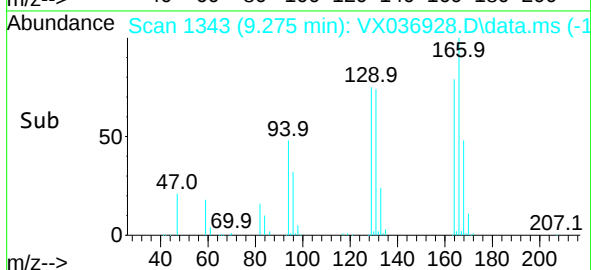
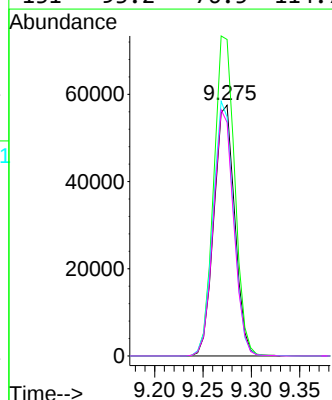
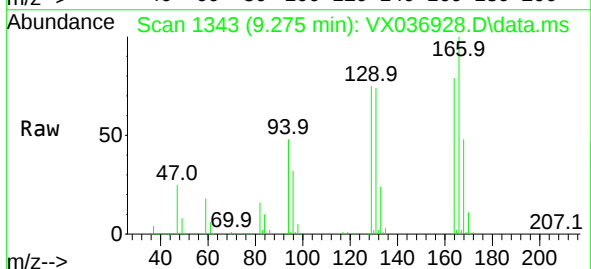
Manual Integrations
APPROVED

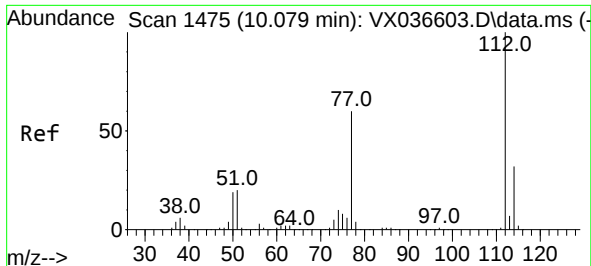
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#64
Tetrachloroethene
Concen: 56.410 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

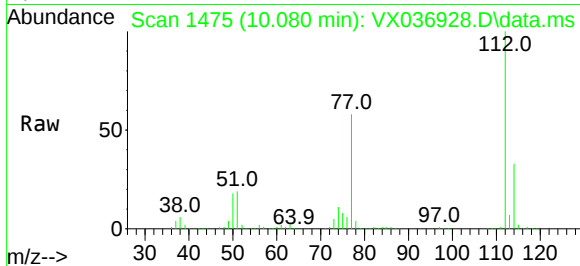
Tgt Ion:164 Resp: 85646
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 95.3 80.4 120.6
131 93.2 76.5 114.7





#65
Chlorobenzene
Concen: 56.213 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

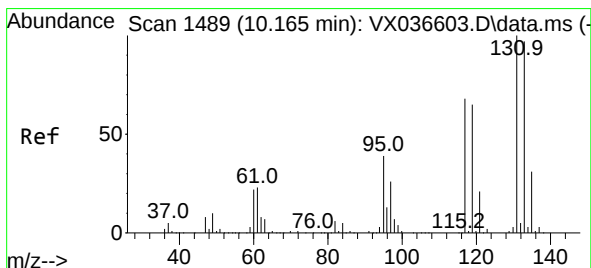
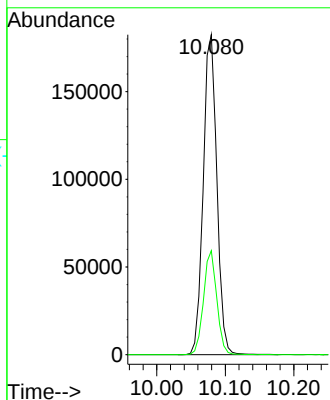
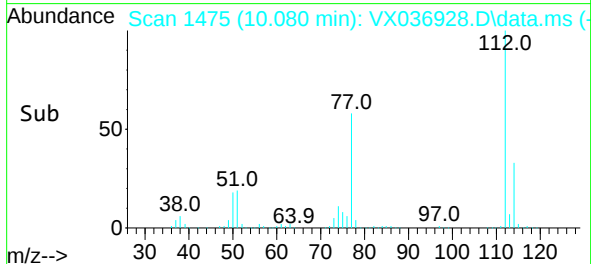
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



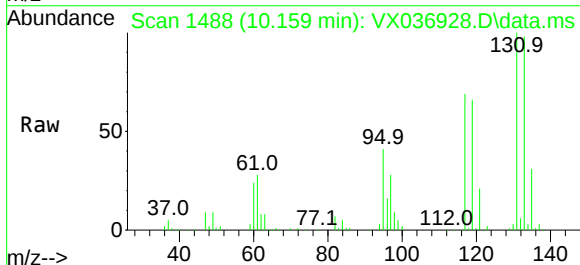
Tgt Ion:112 Resp: 25222
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

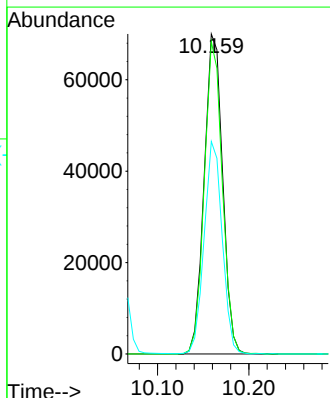
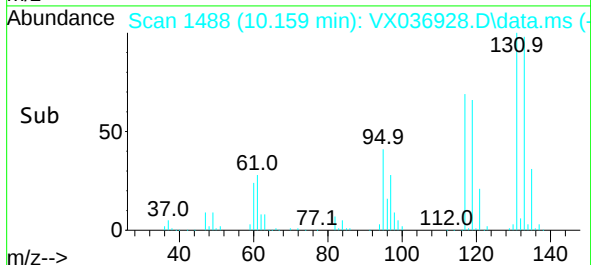
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

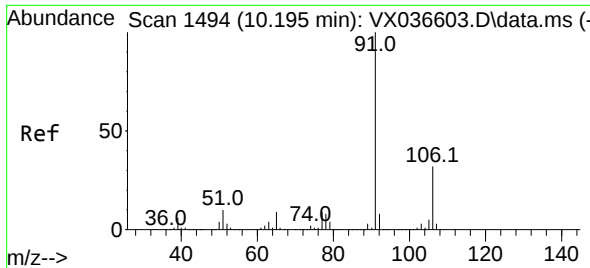


#66
1,1,1,2-Tetrachloroethane
Concen: 56.427 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



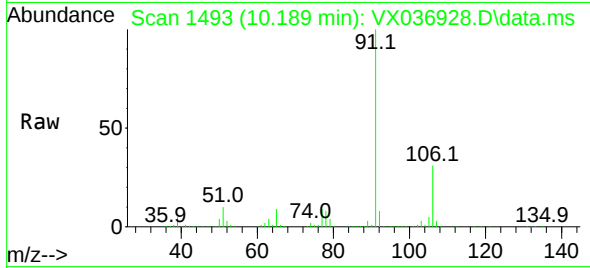
Tgt Ion:131 Resp: 97859
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 53.888 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

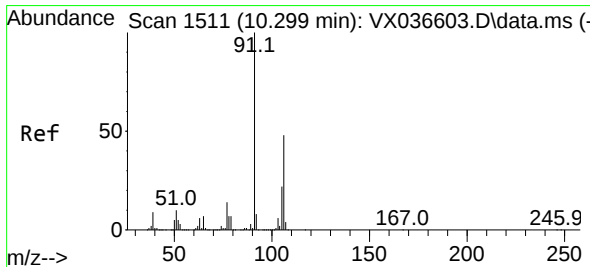
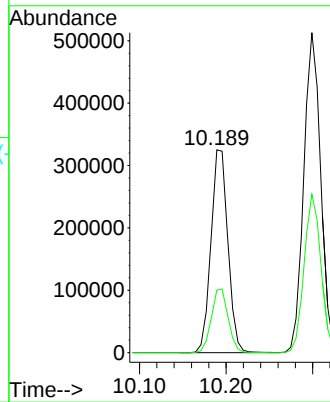
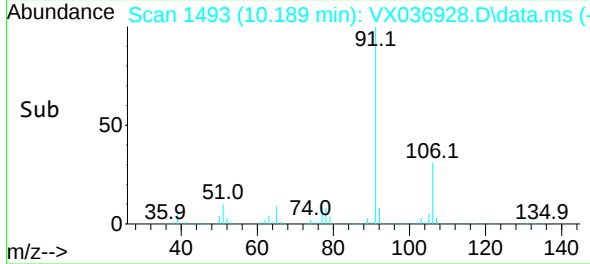
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



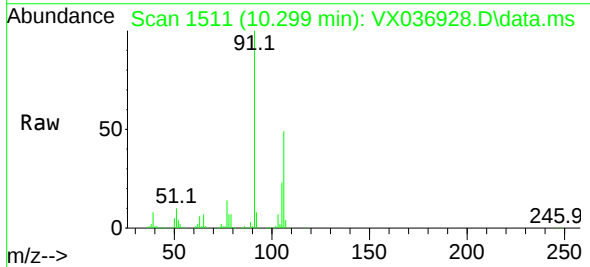
Tgt Ion: 91 Resp: 441709
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

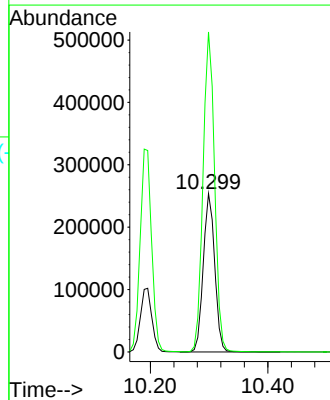
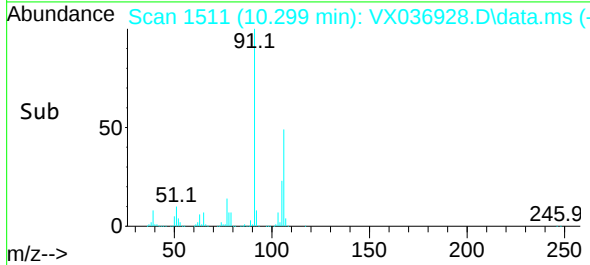
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

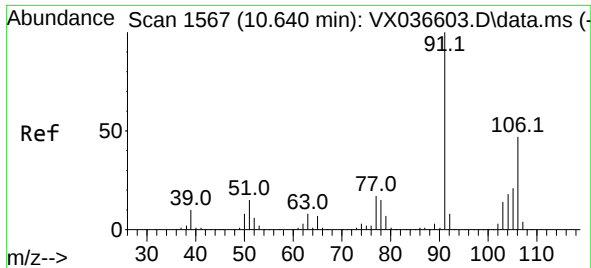


#68
m/p-Xylenes
Concen: 112.157 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion:106 Resp: 343009
Ion Ratio Lower Upper
106 100
91 203.5 165.5 248.3





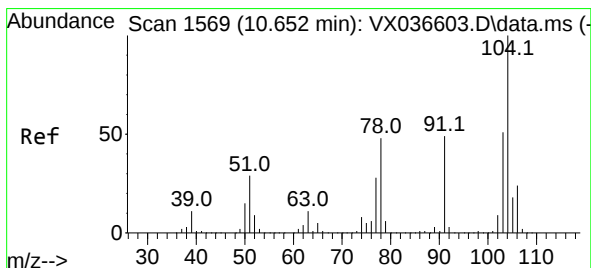
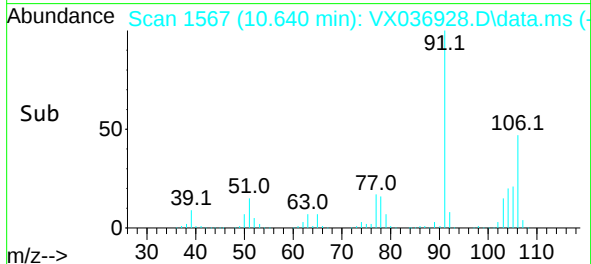
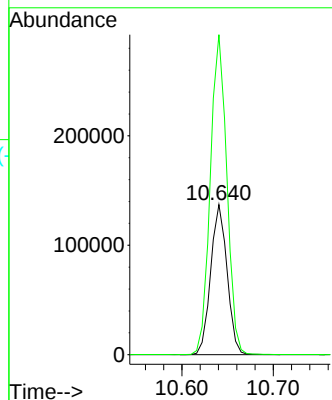
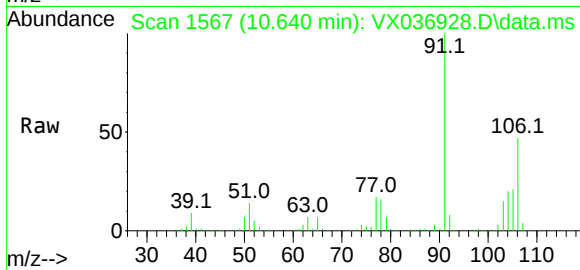
#69
o-Xylene
Concen: 55.855 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 170508
Ion Ratio Lower Upper
106 100
91 215.0 108.9 326.8

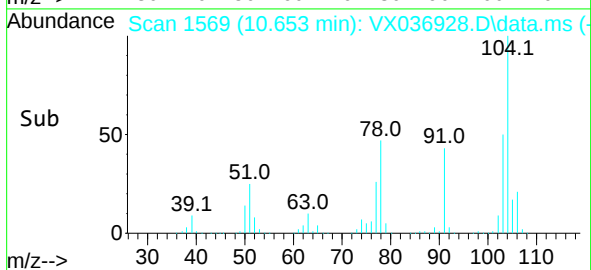
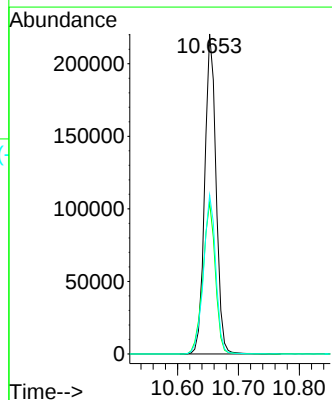
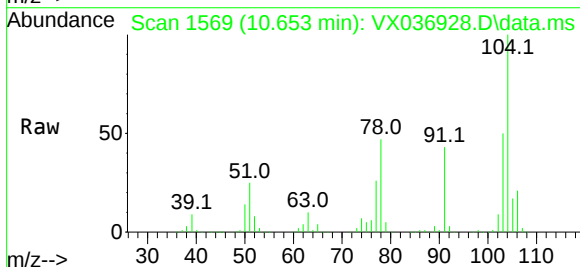
Manual Integrations
APPROVED

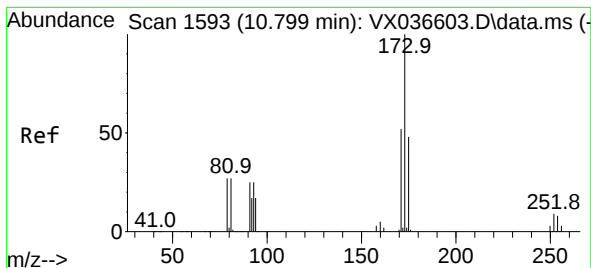
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#70
Styrene
Concen: 56.711 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

Tgt Ion:104 Resp: 285632
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 56.375 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

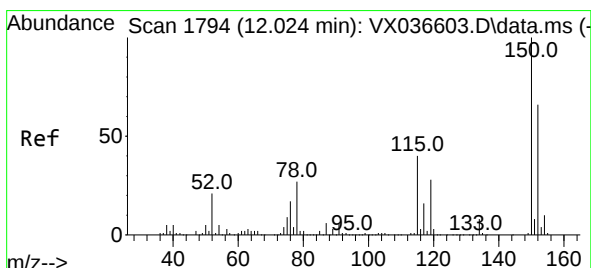
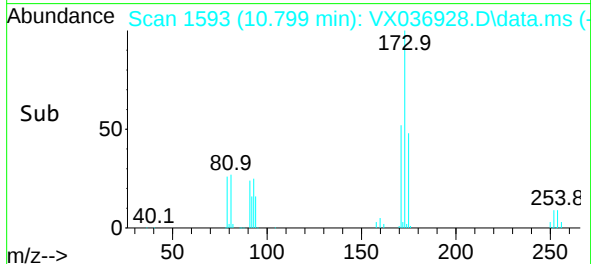
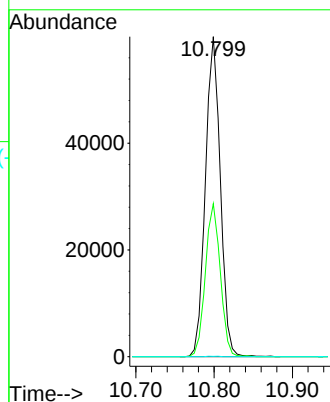
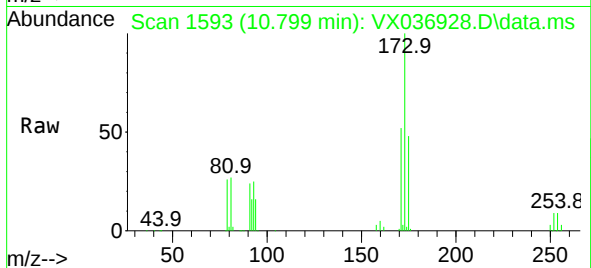
Tgt Ion:173	Resp:	7914
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

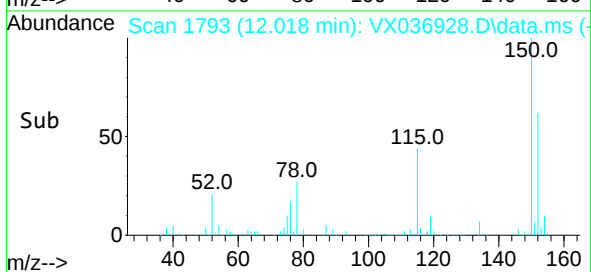
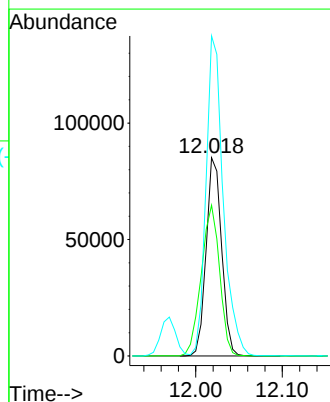
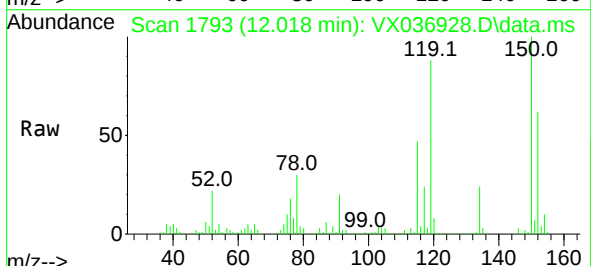
RT: 12.018 min Scan# 1793

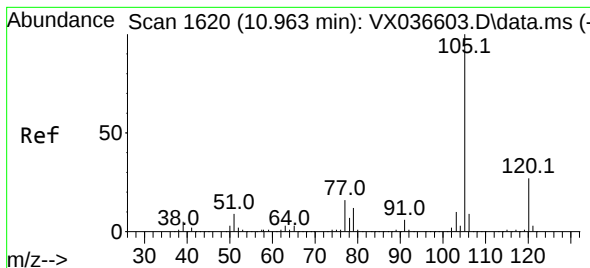
Delta R.T. -0.006 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Tgt Ion:152	Resp:	105737
Ion Ratio	Lower	Upper
152	100	
115	90.2	43.3 129.9
150	179.3	0.0 345.0





#73

Isopropylbenzene

Concen: 49.073 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42942

Ion Ratio Lower Upper

105 100

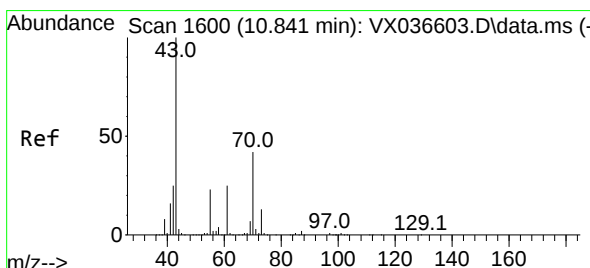
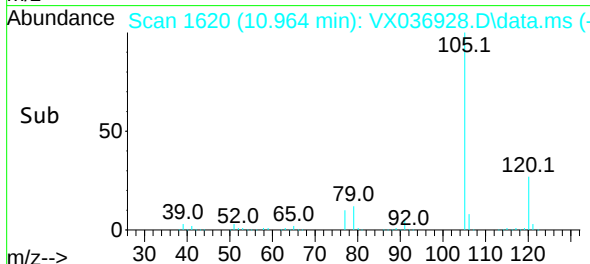
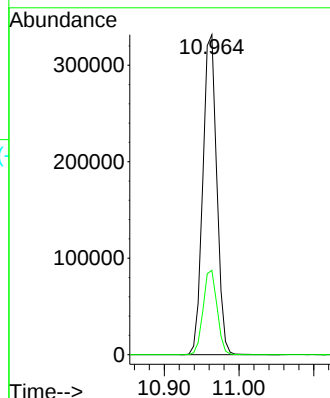
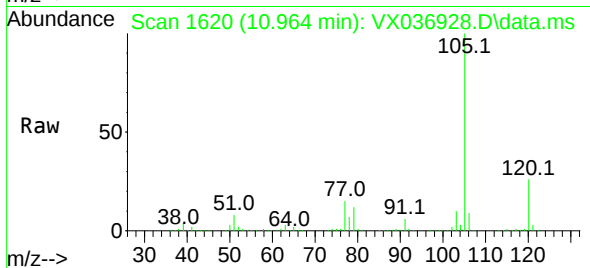
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#74

N-ethyl acetate

Concen: 44.024 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

Tgt Ion: 43 Resp: 179646

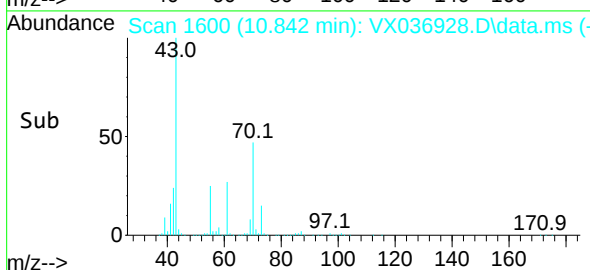
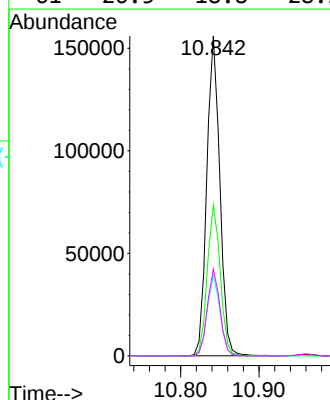
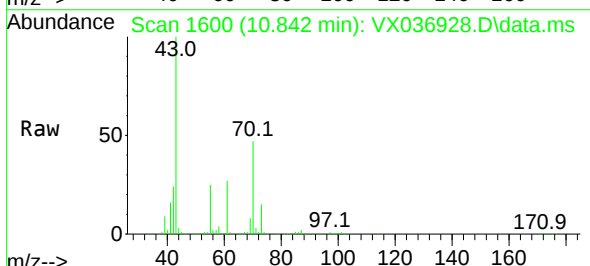
Ion Ratio Lower Upper

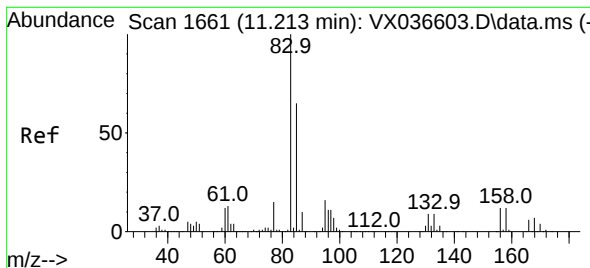
43 100

70 47.3 32.9 49.3

55 25.0 19.3 28.9

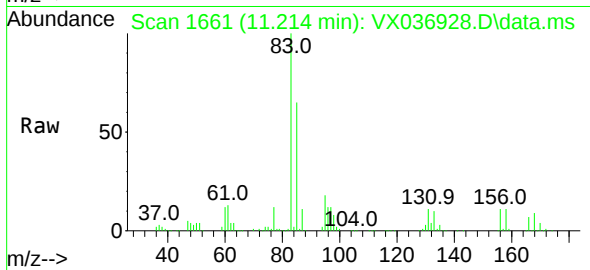
61 26.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.244 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

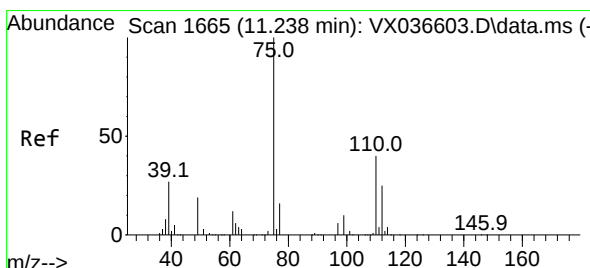
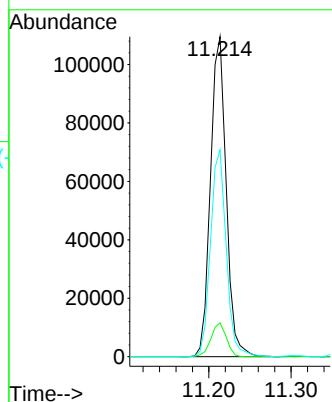
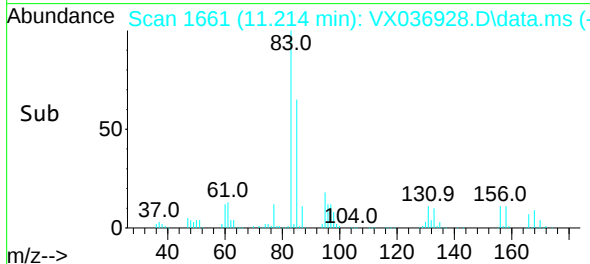
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



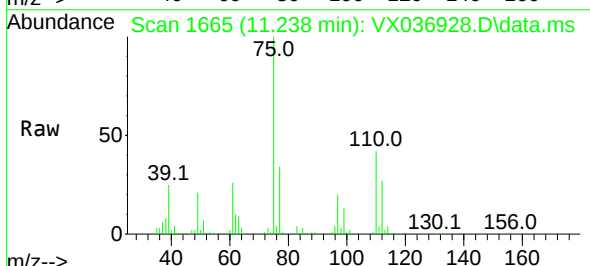
Tgt Ion: 83 Resp: 145544
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 64.7 32.0 96.2

Manual Integrations
APPROVED

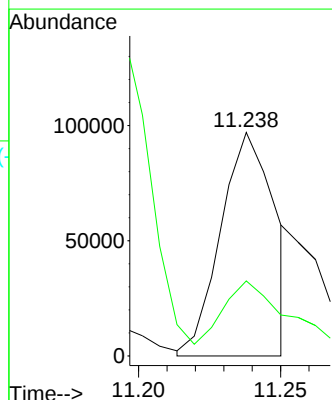
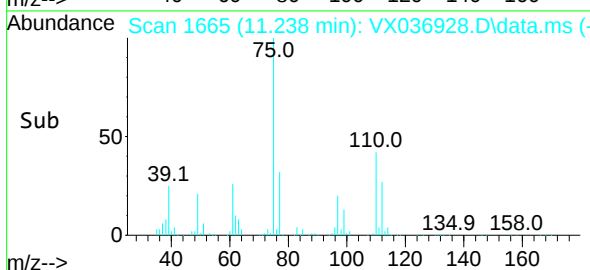
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

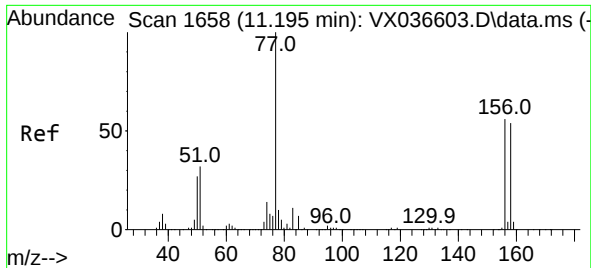


#76
1,2,3-Trichloropropane
Concen: 51.611 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



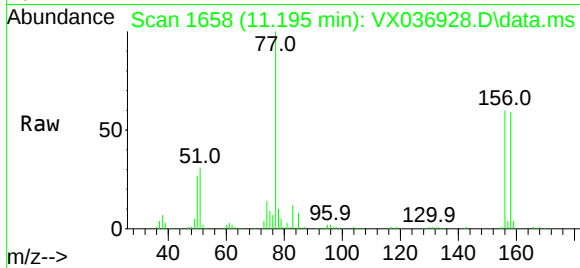
Tgt Ion: 75 Resp: 128360
Ion Ratio Lower Upper
75 100
77 43.5 19.1 57.5





#77
Bromobenzene
Concen: 54.051 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

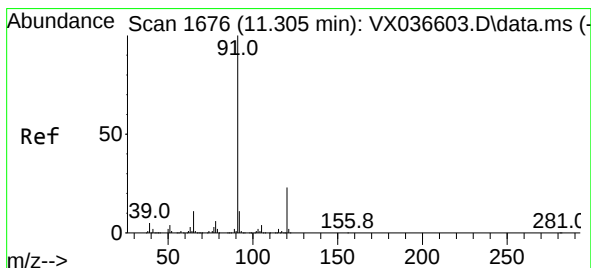
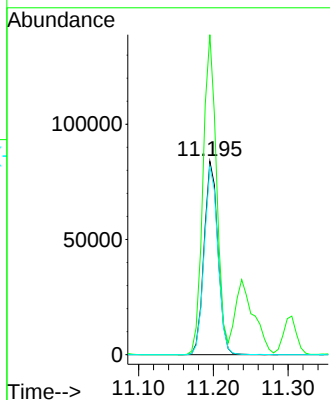
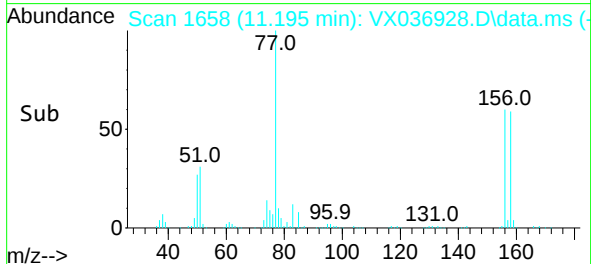
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



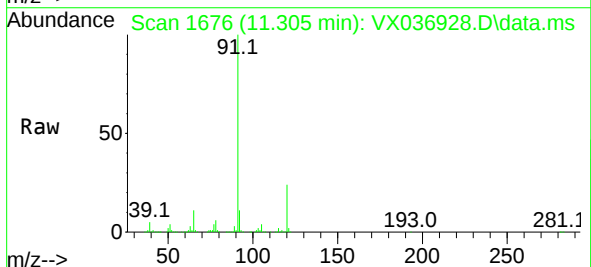
Tgt Ion:156 Resp: 107715
Ion Ratio Lower Upper
156 100
77 162.4 88.4 265.3
158 96.4 48.0 144.0

Manual Integrations
APPROVED

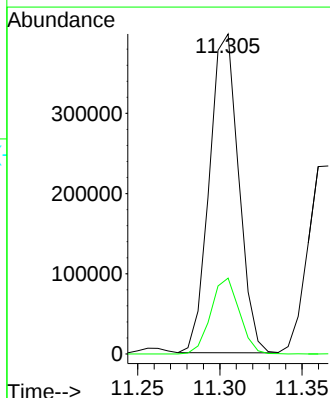
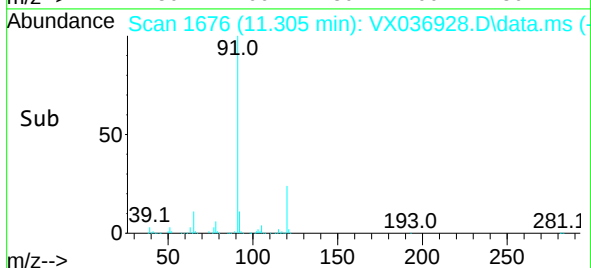
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

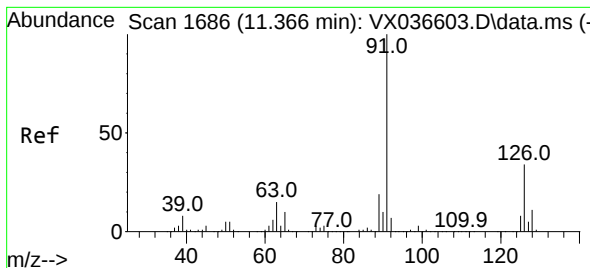


#78
n-propylbenzene
Concen: 48.782 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



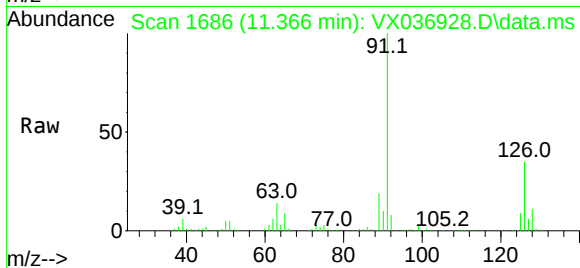
Tgt Ion: 91 Resp: 493687
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.159 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

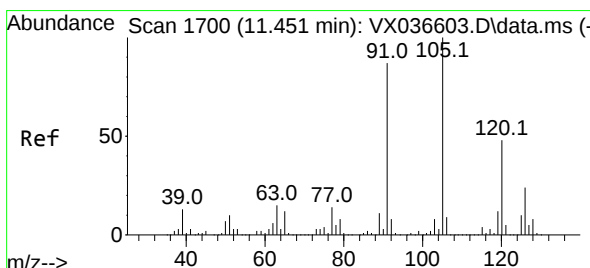
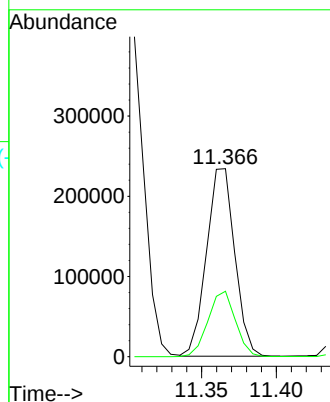
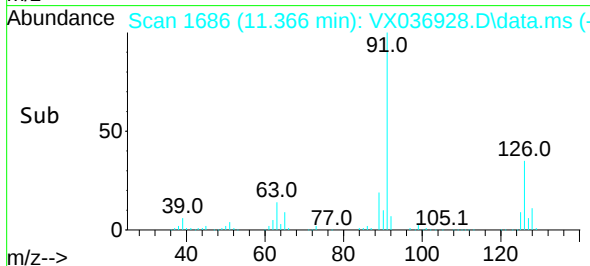
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



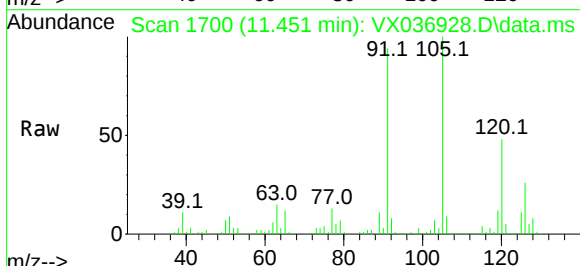
Tgt Ion: 91 Resp: 30760
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

Manual Integrations
APPROVED

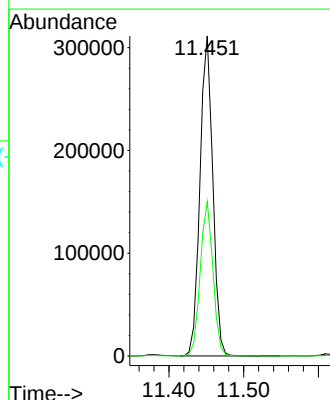
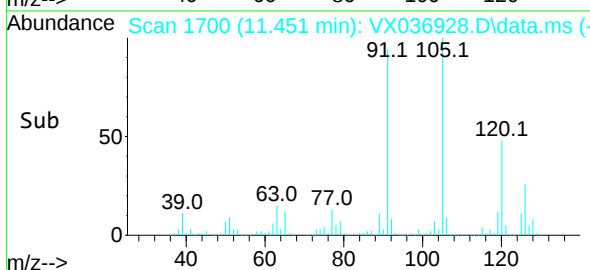
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

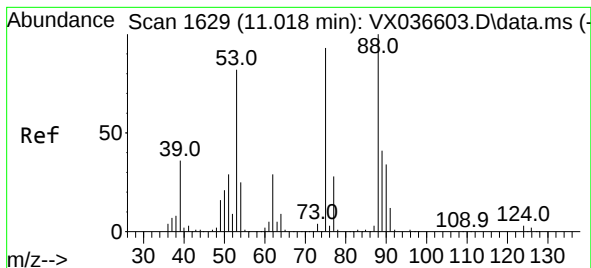


#80
1,3,5-Trimethylbenzene
Concen: 50.482 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



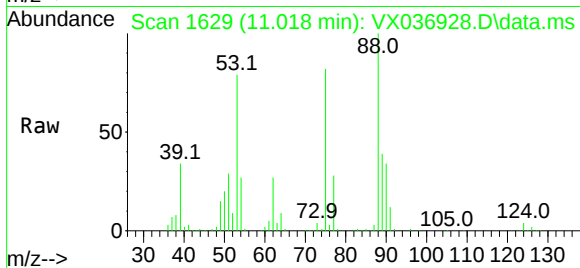
Tgt Ion:105 Resp: 369555
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.714 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

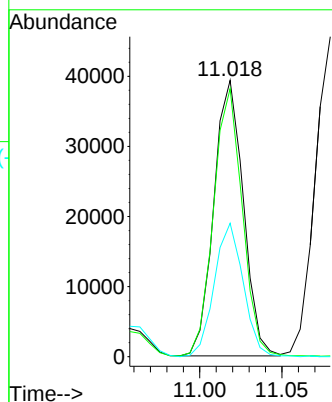
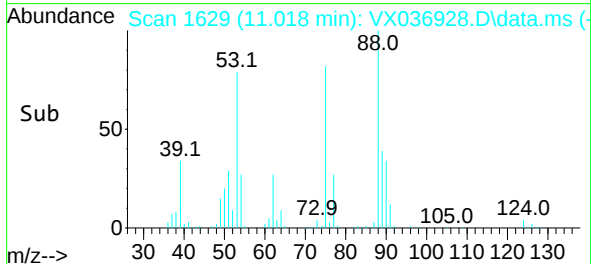
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



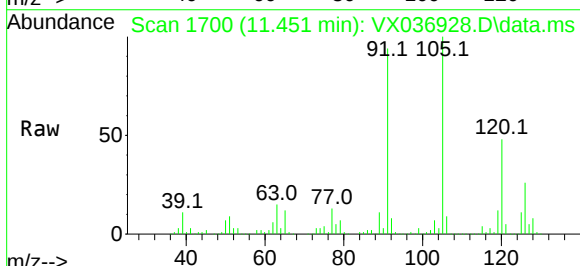
Tgt Ion: 75 Resp: 49064
Ion Ratio Lower Upper
75 100
53 94.7 90.5 135.7
89 47.6 36.9 55.3

Manual Integrations
APPROVED

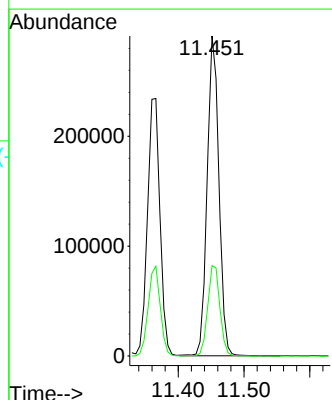
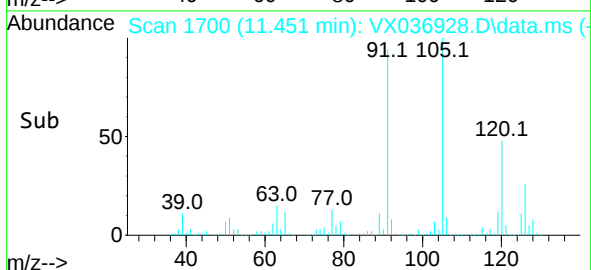
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

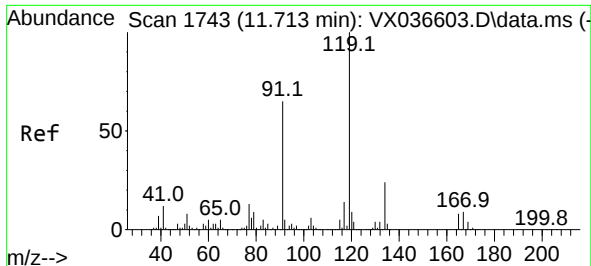


#82
4-Chlorotoluene
Concen: 51.726 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



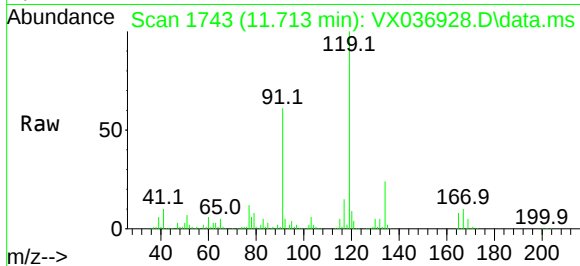
Tgt Ion: 91 Resp: 361424
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.643 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

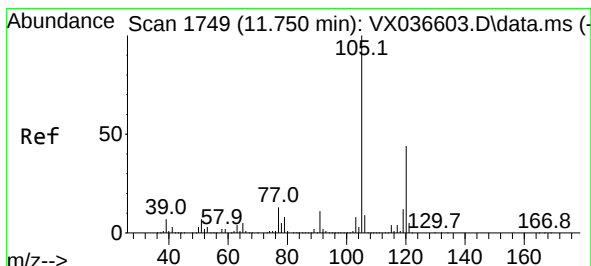
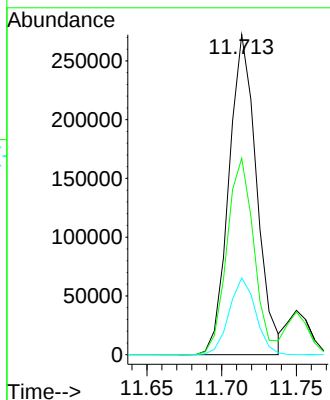
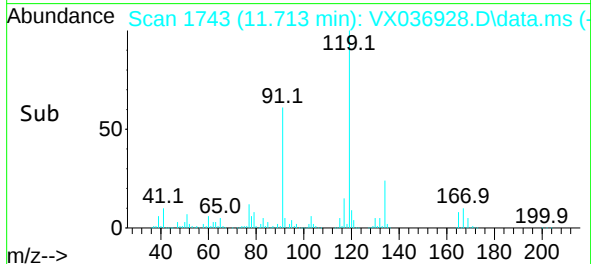
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



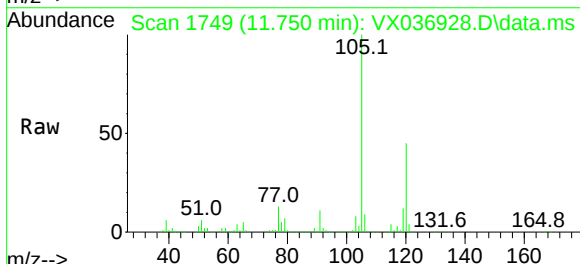
Tgt Ion:119 Resp: 349828
Ion Ratio Lower Upper
119 100
91 60.5 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

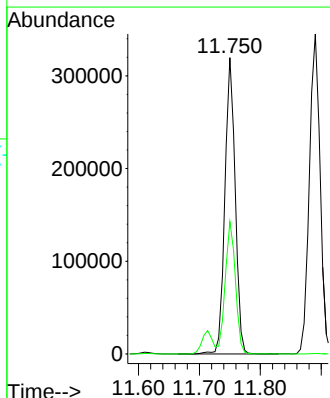
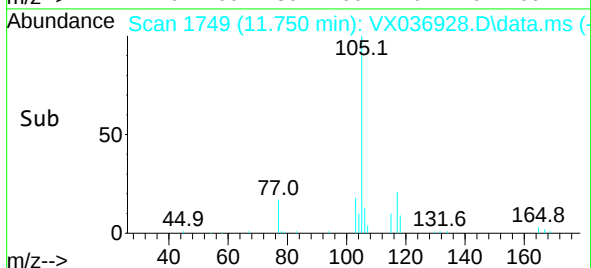
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

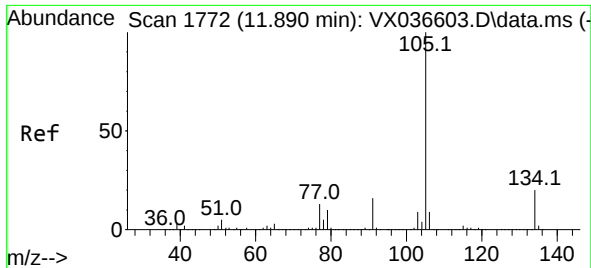


#84
1,2,4-Trimethylbenzene
Concen: 51.333 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



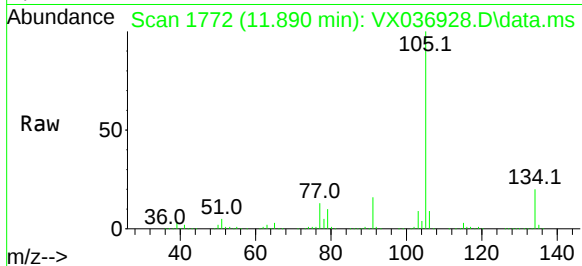
Tgt Ion:105 Resp: 375816
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.254 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32

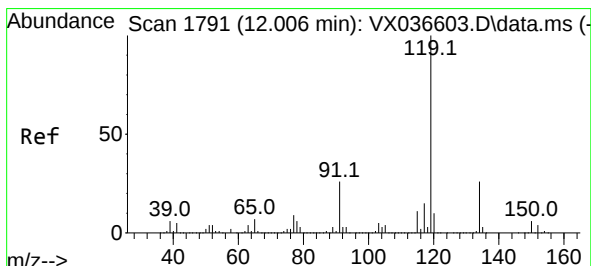
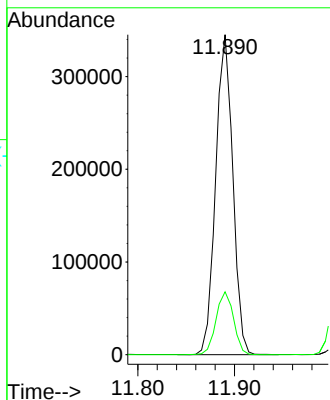
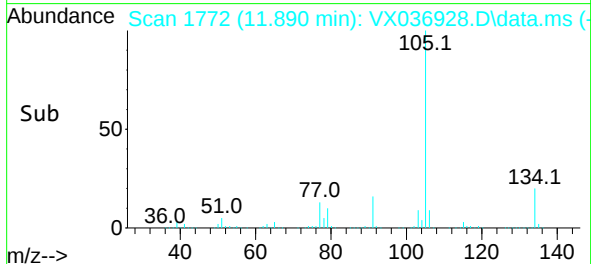
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



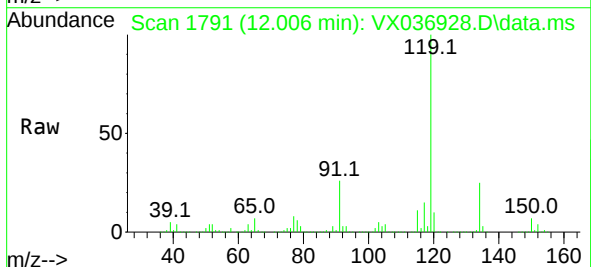
Tgt Ion:105 Resp: 423808
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

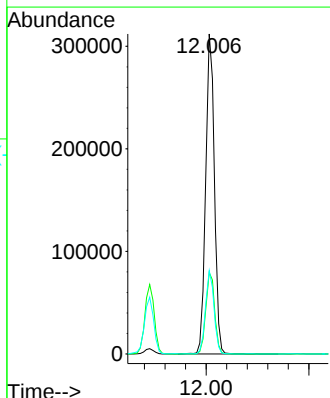
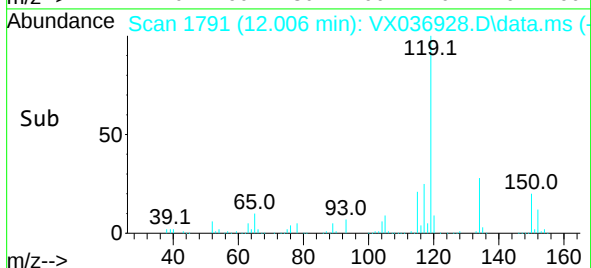
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#86
 p-Isopropyltoluene
 Concen: 49.511 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036928.D
 Acq: 11 Aug 2023 09:32



Tgt Ion:119 Resp: 365382
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.243 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036928.D

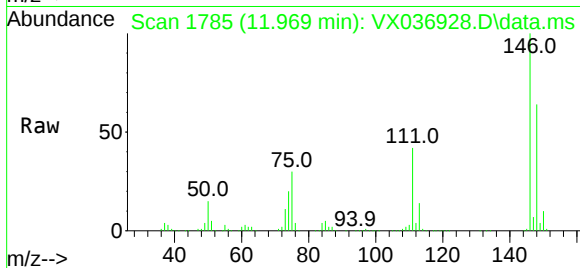
Acq: 11 Aug 2023 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 200208

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

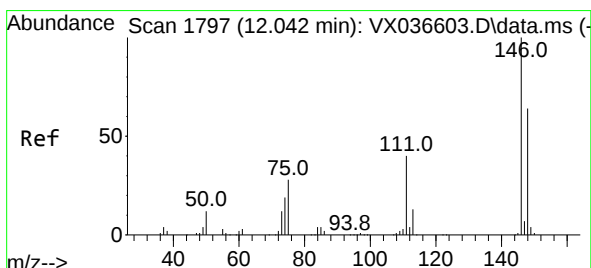
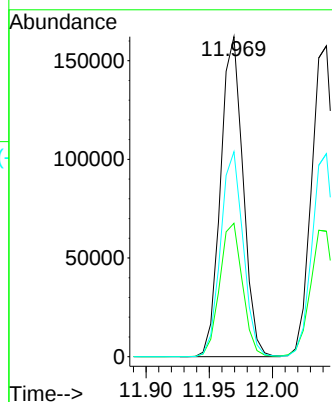
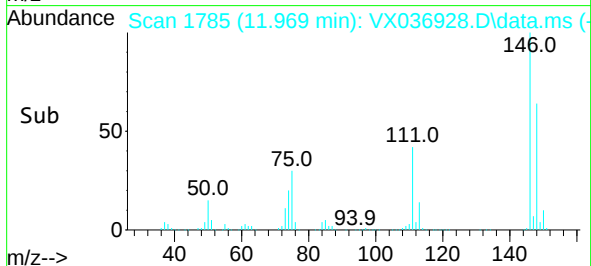
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#88

1,4-Dichlorobenzene

Concen: 55.349 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036928.D

Acq: 11 Aug 2023 09:32

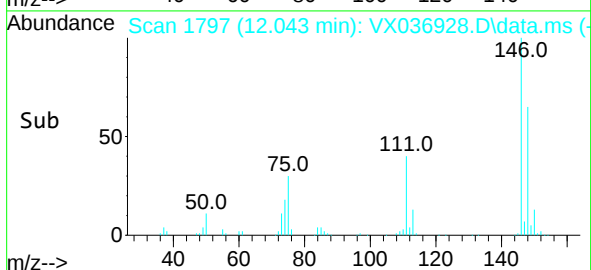
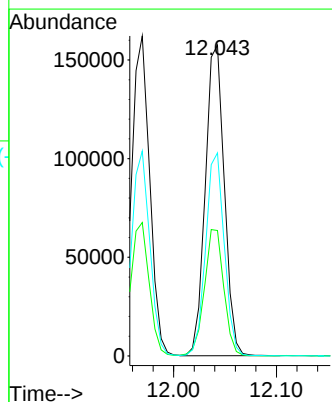
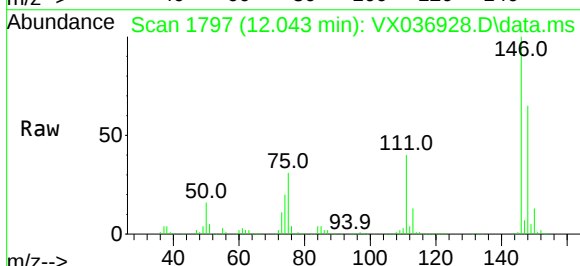
Tgt Ion:146 Resp: 202742

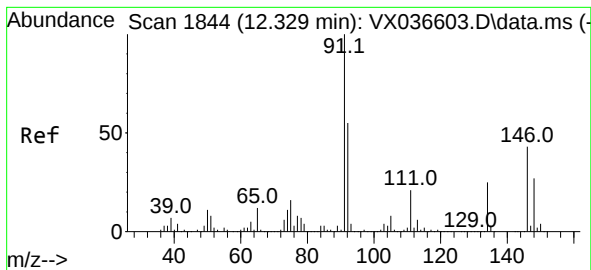
Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

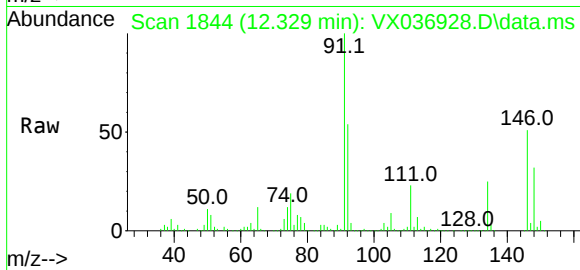
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 47.983 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

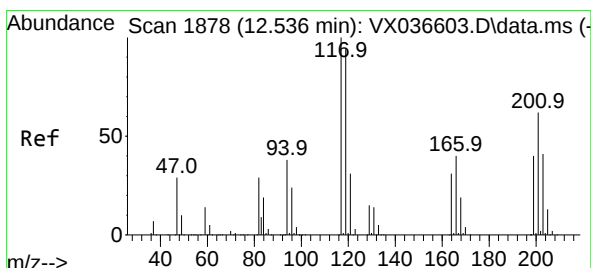
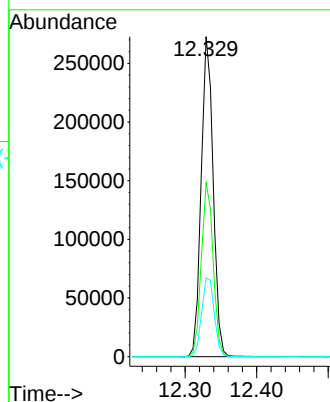
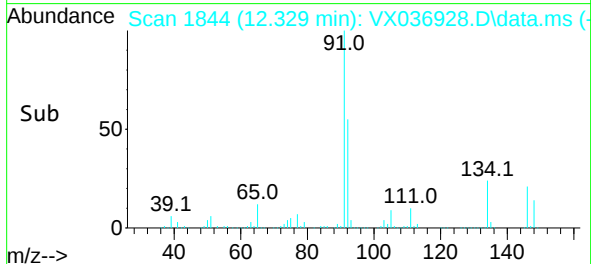
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 31699
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 26.0 12.6 37.8

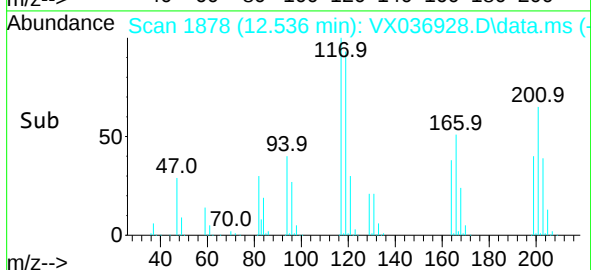
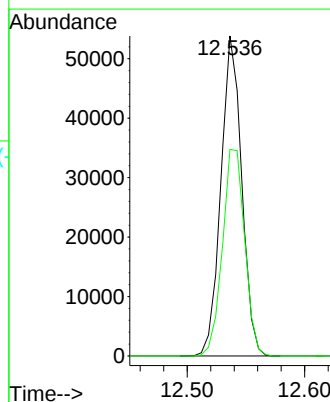
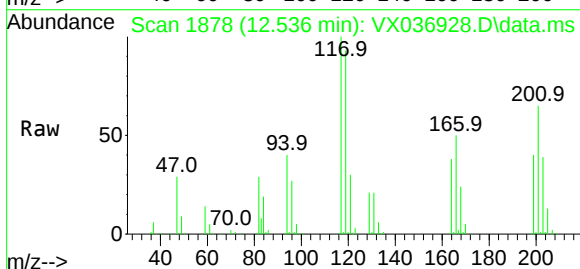
Manual Integrations
APPROVED

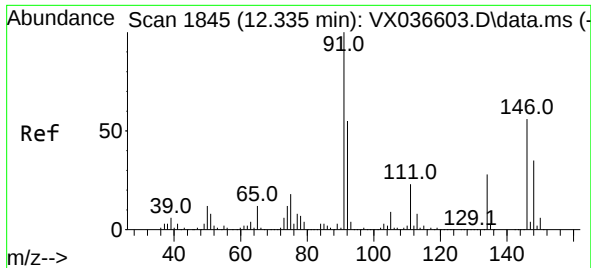
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#90
Hexachloroethane
Concen: 44.201 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

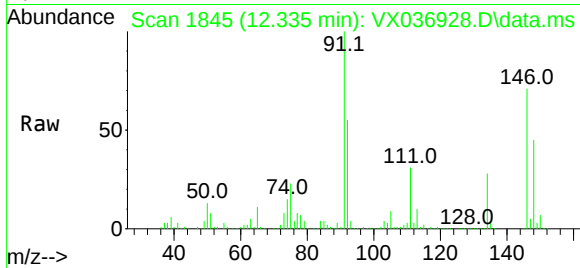
Tgt Ion:117 Resp: 66130
Ion Ratio Lower Upper
117 100
201 69.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 56.442 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

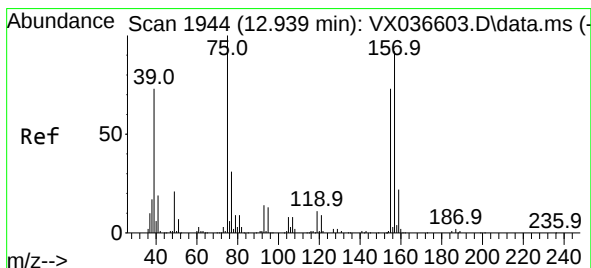
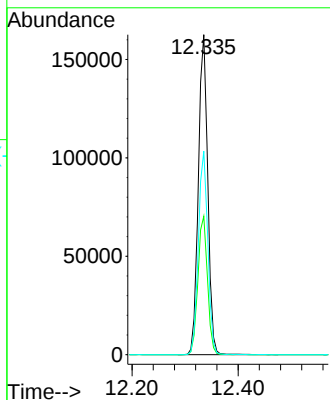
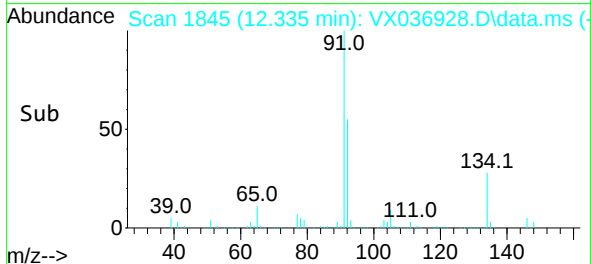
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



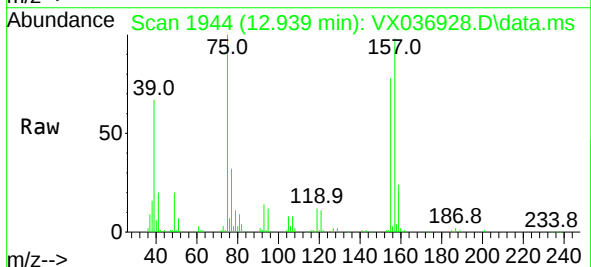
Tgt Ion:146 Resp: 20103
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

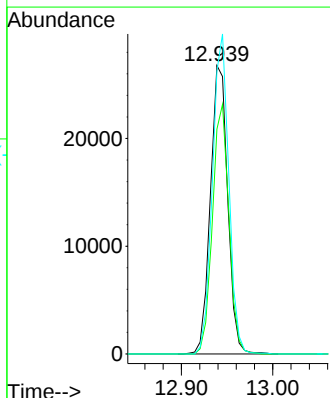
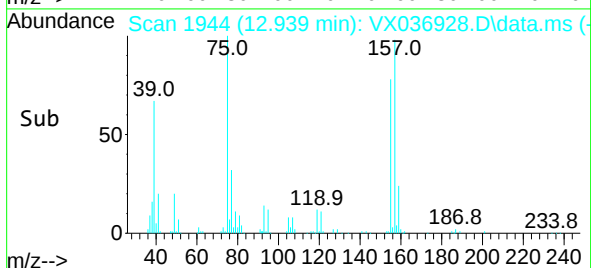
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

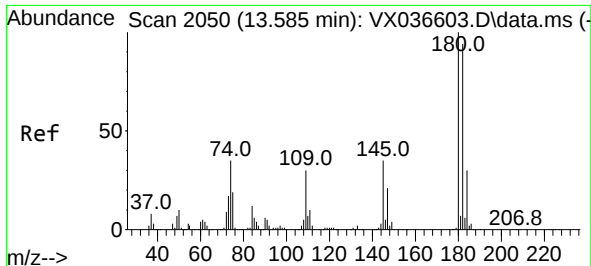


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.149 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



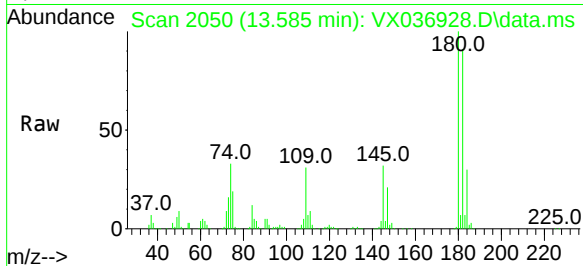
Tgt Ion: 75 Resp: 35129
Ion Ratio Lower Upper
75 100
155 82.3 36.1 108.5
157 104.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.505 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

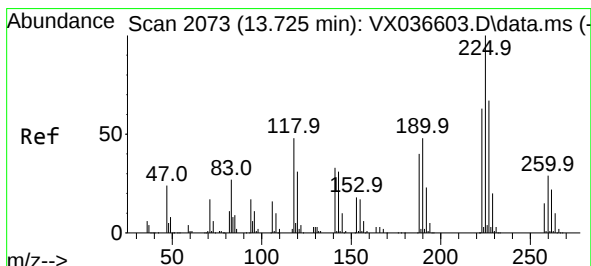
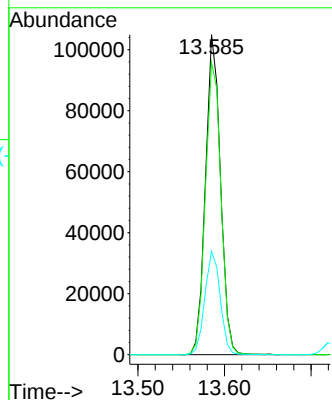
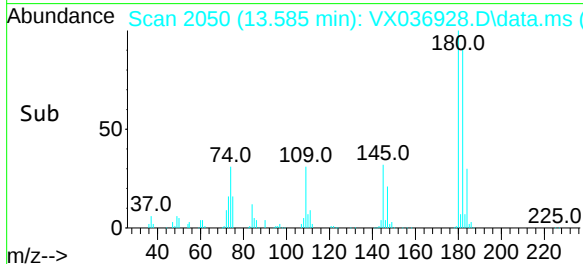
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



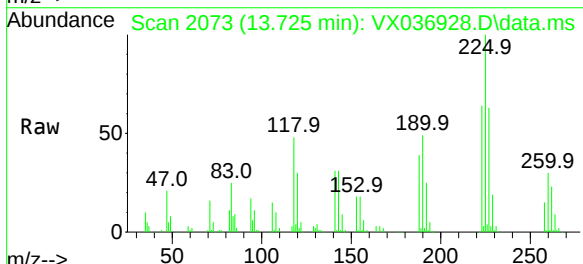
Tgt Ion:180 Resp: 126188
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 33.0 18.0 54.0

Manual Integrations
APPROVED

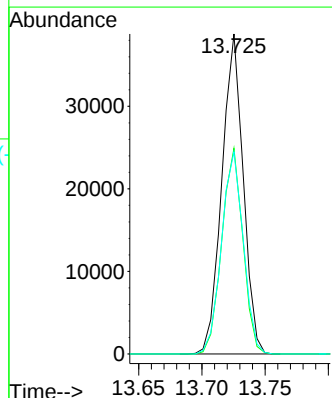
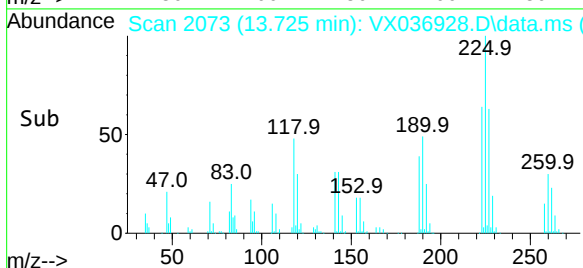
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

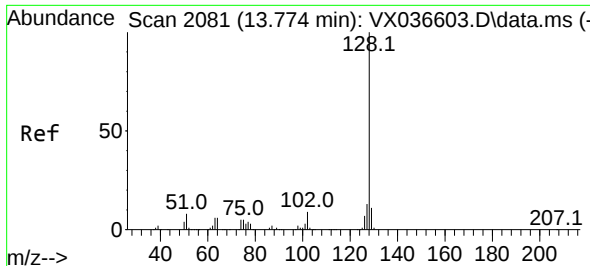


#94
Hexachlorobutadiene
Concen: 49.985 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



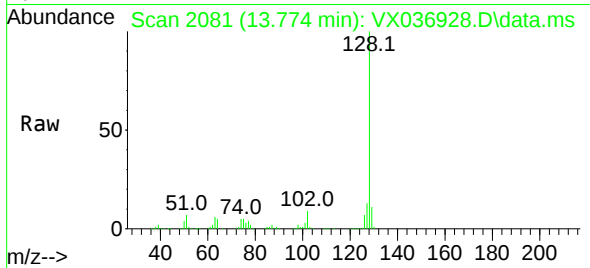
Tgt Ion:225 Resp: 45378
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 57.552 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32

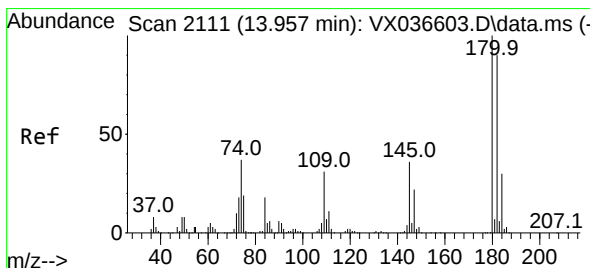
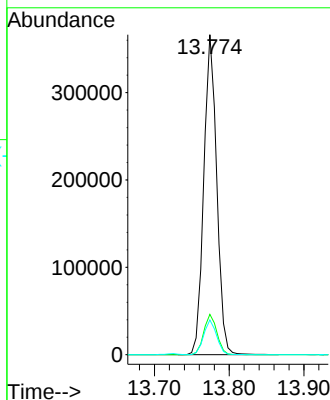
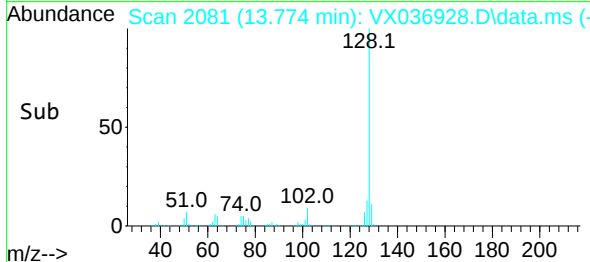
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



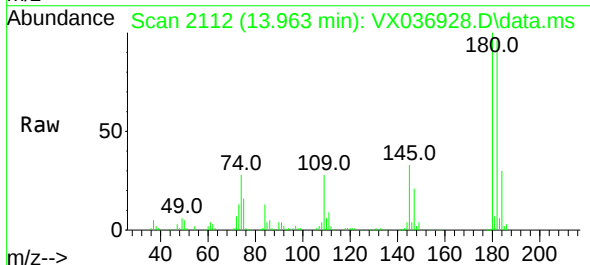
Tgt Ion:128 Resp: 44010
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.816 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036928.D
Acq: 11 Aug 2023 09:32



Tgt Ion:180 Resp: 127208
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 35.3 17.8 53.5

