

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040523\
 Data File : VX034946.D
 Acq On : 05 Apr 2023 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 02:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	293121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	480947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	433698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	218402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	231903	51.731	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.460%			
35) Dibromofluoromethane	5.379	113	170106	53.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	8.647	98	622660	53.030	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.060%			
62) 4-Bromofluorobenzene	11.079	95	251440	55.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	159820	54.666	ug/l	98
3) Chloromethane	1.294	50	178709	48.822	ug/l	100
4) Vinyl Chloride	1.374	62	182962	50.481	ug/l	99
5) Bromomethane	1.611	94	91440	38.826	ug/l	98
6) Chloroethane	1.685	64	112185	47.575	ug/l	99
7) Trichlorofluoromethane	1.886	101	268402	46.065	ug/l	97
8) Diethyl Ether	2.130	74	103090	50.187	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	159206	52.278	ug/l	98
10) Methyl Iodide	2.453	142	177433	46.786	ug/l	92
11) Tert butyl alcohol	2.965	59	192524m	244.776	ug/l	
12) 1,1-Dichloroethene	2.319	96	147307	48.952	ug/l	94
13) Acrolein	2.233	56	185702	229.357	ug/l	100
14) Allyl chloride	2.660	41	300170	50.916	ug/l	95
15) Acrylonitrile	3.056	53	451270	254.891	ug/l	98
16) Acetone	2.380	43	431693	237.052	ug/l	96
17) Carbon Disulfide	2.508	76	364346	48.344	ug/l	100
18) Methyl Acetate	2.697	43	343141	53.032	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	567230	50.912	ug/l	96
20) Methylene Chloride	2.788	84	169722	47.229	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	161664	49.259	ug/l	94
22) Diisopropyl ether	3.751	45	600199	50.456	ug/l	98
23) Vinyl Acetate	3.715	43	2230302	262.894	ug/l	99
24) 1,1-Dichloroethane	3.605	63	321832	50.284	ug/l	98
25) 2-Butanone	4.544	43	658968	248.760	ug/l	99
26) 2,2-Dichloropropane	4.471	77	265488	50.441	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	191605	49.271	ug/l	96
28) Bromochloromethane	4.891	49	155075	49.532	ug/l	100
29) Tetrahydrofuran	4.995	42	423239	255.041	ug/l	98
30) Chloroform	5.086	83	329717	50.720	ug/l	99
31) Cyclohexane	5.464	56	279875	51.272	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	295478	53.264	ug/l	100
36) 1,1-Dichloropropene	5.684	75	243925	51.758	ug/l	99
37) Ethyl Acetate	4.702	43	257927	52.340	ug/l	100
38) Carbon Tetrachloride	5.672	117	252971	56.933	ug/l	99
39) Methylcyclohexane	7.379	83	259244	51.802	ug/l	96
40) Benzene	6.031	78	680178	50.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	151223	56.427	ug/l	96
42) 1,2-Dichloroethane	6.080	62	282522	52.527	ug/l	97
43) Isopropyl Acetate	6.330	43	439760	53.340	ug/l	99
44) Trichloroethene	7.123	130	178767	51.765	ug/l	98
45) 1,2-Dichloropropane	7.428	63	181724	51.547	ug/l	97
46) Dibromomethane	7.574	93	124338	51.260	ug/l	100
47) Bromodichloromethane	7.818	83	252656	56.390	ug/l	98
48) Methyl methacrylate	7.690	41	220367	54.427	ug/l	98
49) 1,4-Dioxane	7.671	88	86058	1031.390	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1303504	267.148	ug/l	99
52) Toluene	8.714	92	438990	49.767	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	274956	57.045	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	294606	55.852	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	174586	52.294	ug/l	98
56) Ethyl methacrylate	9.116	69	286244	54.723	ug/l	99
57) 1,3-Dichloropropane	9.305	76	309661	52.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	729490	273.896	ug/l	99
59) 2-Hexanone	9.427	43	982110	266.117	ug/l	99
60) Dibromochloromethane	9.519	129	185809	58.425	ug/l	99
61) 1,2-Dibromoethane	9.610	107	182581	52.593	ug/l	100
64) Tetrachloroethene	9.269	164	151298	48.747	ug/l	96
65) Chlorobenzene	10.079	112	458251	50.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	173865	56.034	ug/l	99
67) Ethyl Benzene	10.189	91	847744	51.860	ug/l	97
68) m/p-Xylenes	10.299	106	638379	102.234	ug/l	97
69) o-Xylene	10.640	106	315416	51.563	ug/l	98
70) Styrene	10.653	104	524591	53.721	ug/l	99
71) Bromoform	10.799	173	124195	58.850	ug/l #	98
73) Isopropylbenzene	10.963	105	823239	51.459	ug/l	99
74) N-amyl acetate	10.842	43	382314	53.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	260823	49.744	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	225348m	51.208	ug/l	
77) Bromobenzene	11.195	156	194101	48.966	ug/l	99
78) n-propylbenzene	11.305	91	953042	51.569	ug/l	100
79) 2-Chlorotoluene	11.360	91	593022	50.823	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	692256	51.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76457	52.069	ug/l	93
82) 4-Chlorotoluene	11.451	91	690139	50.932	ug/l	100
83) tert-Butylbenzene	11.713	119	662849	52.772	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	698661	51.362	ug/l	98
85) sec-Butylbenzene	11.890	105	800628	52.394	ug/l	100
86) p-Isopropyltoluene	12.006	119	687512	53.957	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	371624	51.478	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	375666	49.824	ug/l	99
89) n-Butylbenzene	12.329	91	595272	53.471	ug/l	99
90) Hexachloroethane	12.536	117	111739	56.600	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	363908	50.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61568	56.255	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	220994	54.043	ug/l	97
94) Hexachlorobutadiene	13.725	225	89589	49.812	ug/l	99
95) Naphthalene	13.774	128	776776	53.460	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	222528	53.962	ug/l	97

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

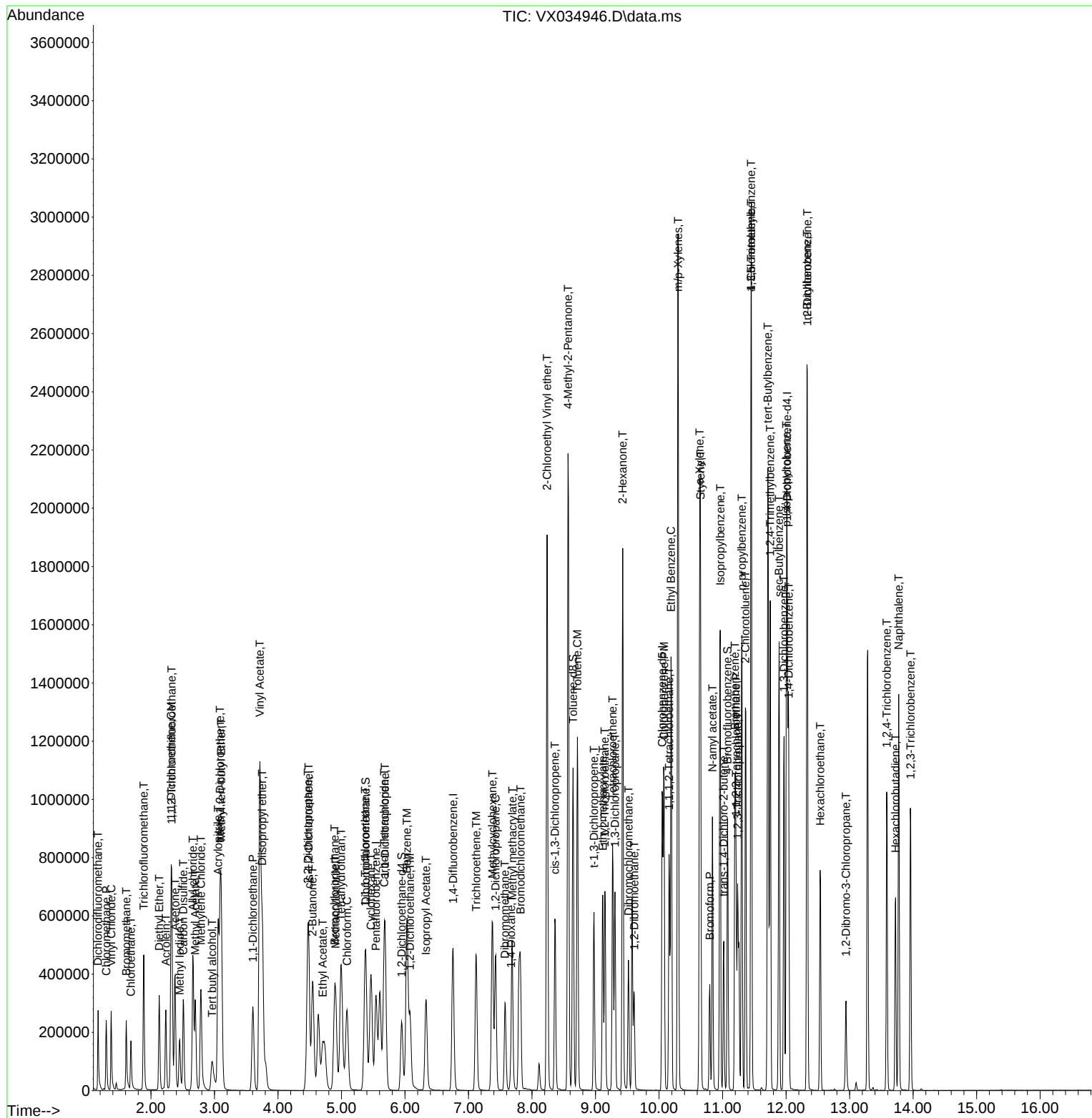
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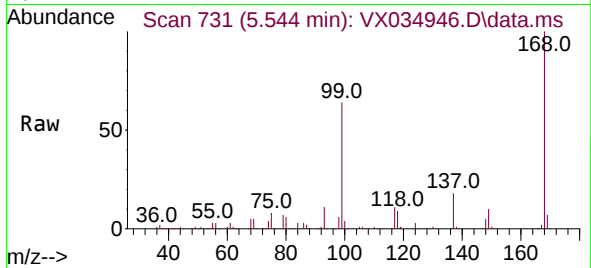
Reviewed By : John Carlone 04/06/2023
Supervised By : Mahesh Dadoda 04/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

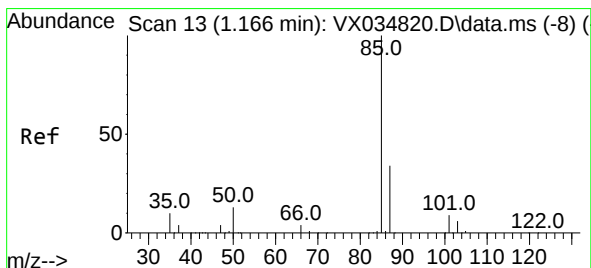
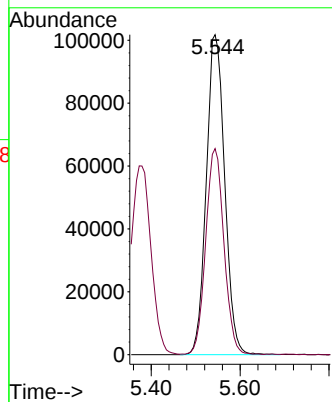
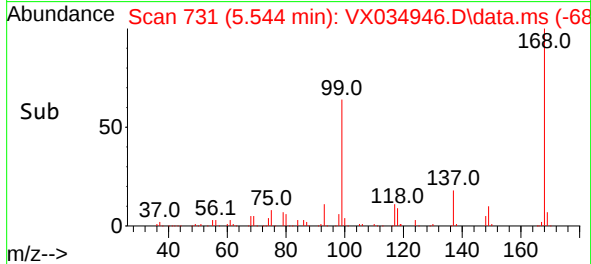
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 29312
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5

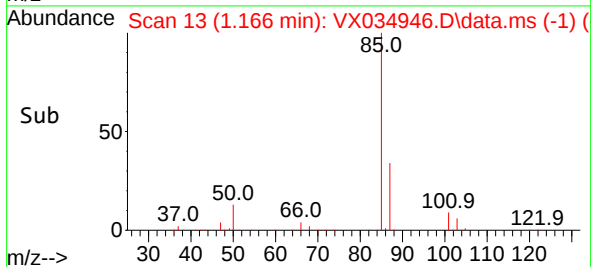
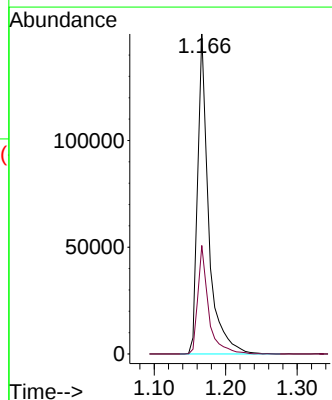
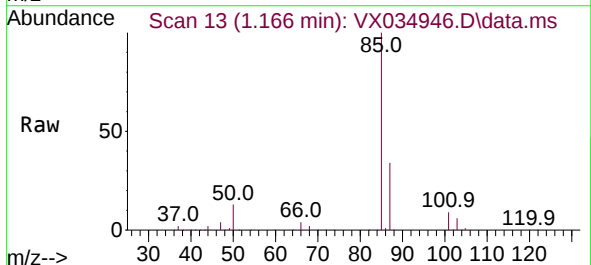
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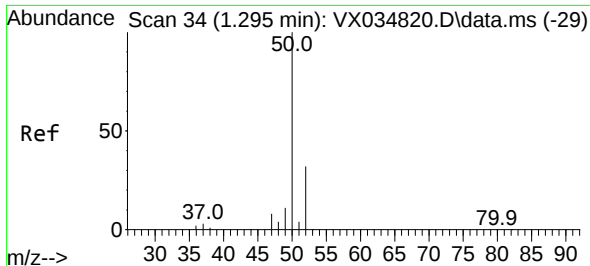
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 54.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

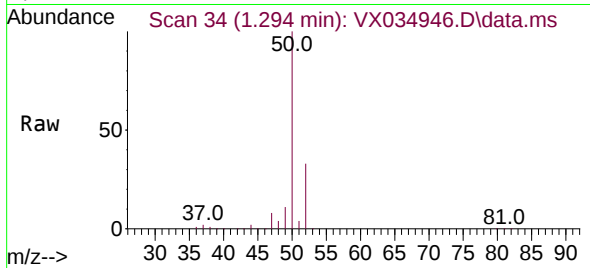
Tgt Ion: 85 Resp: 159820
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.1





#3
Chloromethane
Concen: 48.822 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

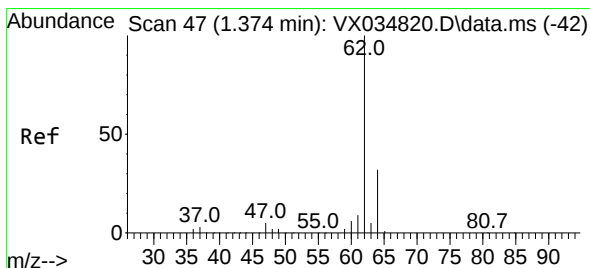
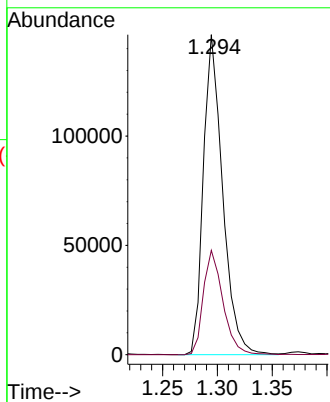
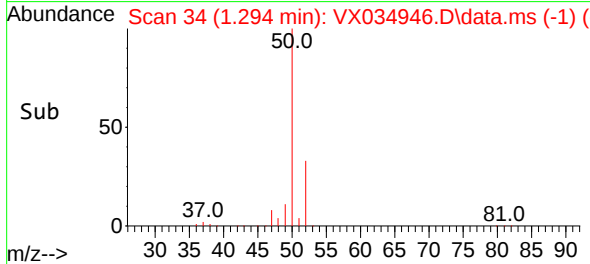
Instrument :
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Tgt Ion: 50 Resp: 178709
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

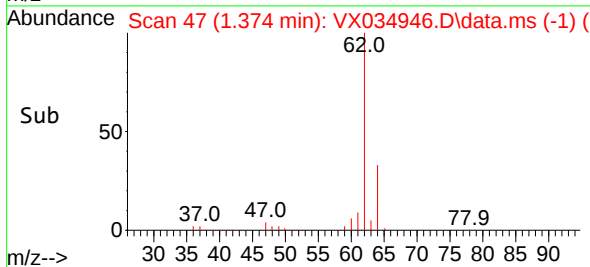
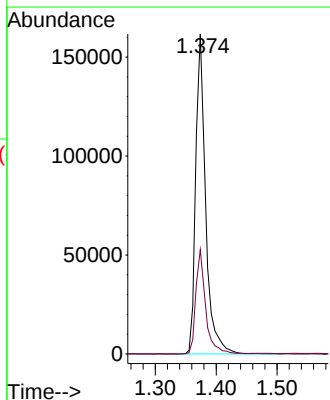
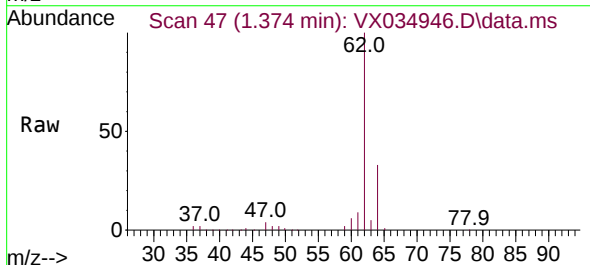
Manual Integrations
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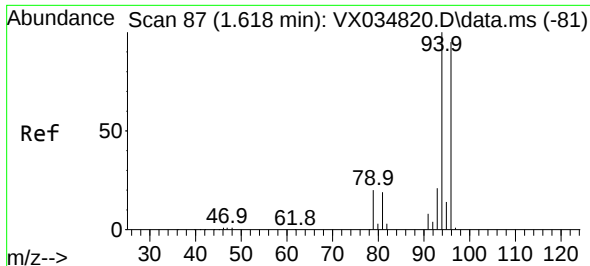
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#4
Vinyl Chloride
Concen: 50.481 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

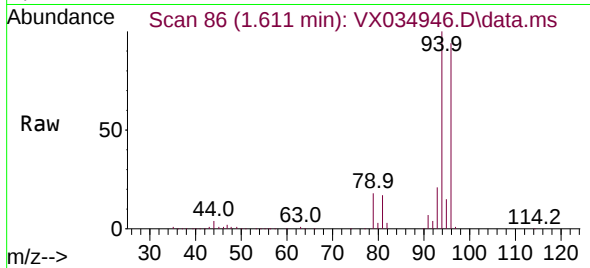
Tgt Ion: 62 Resp: 182962
Ion Ratio Lower Upper
62 100
64 32.6 26.4 39.6





#5
Bromomethane
Concen: 38.826 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

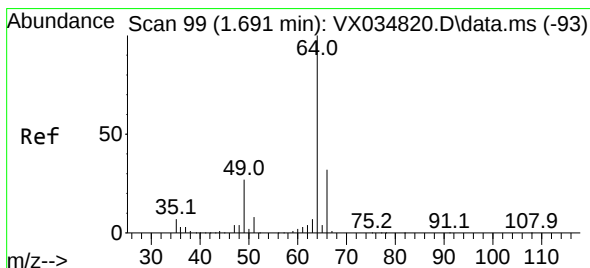
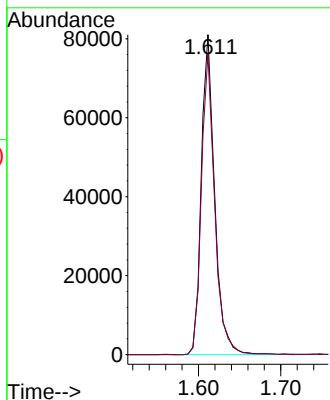
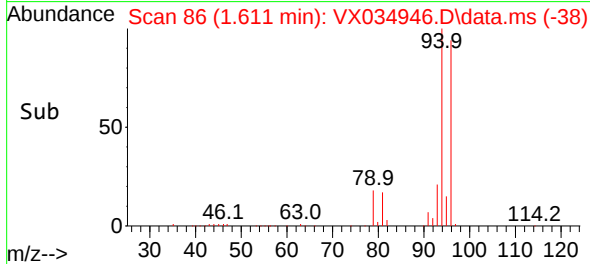
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Tgt Ion: 94 Resp: 91440
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.6

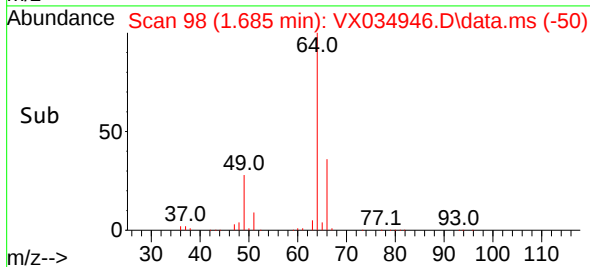
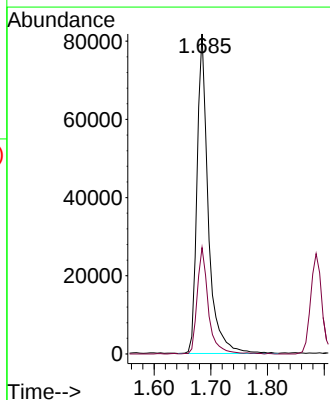
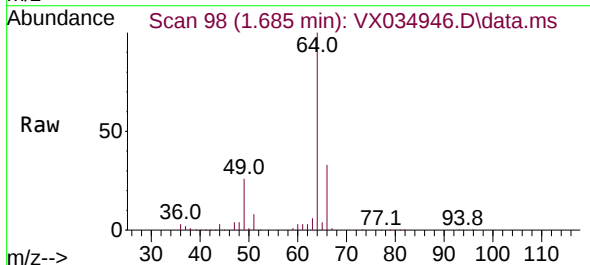
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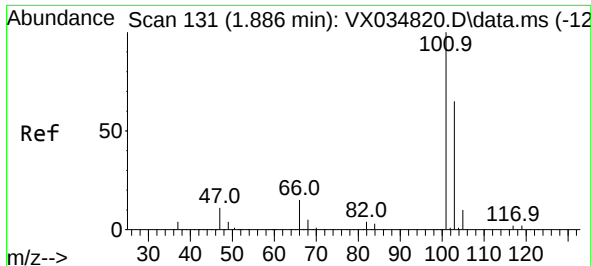
Reviewed By :John Carlone 04/06/2023
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#6
Chloroethane
Concen: 47.575 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

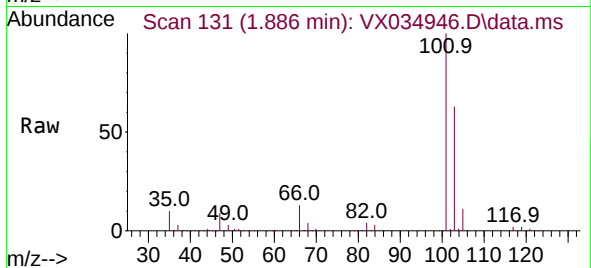
Tgt Ion: 64 Resp: 112185
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 46.065 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50

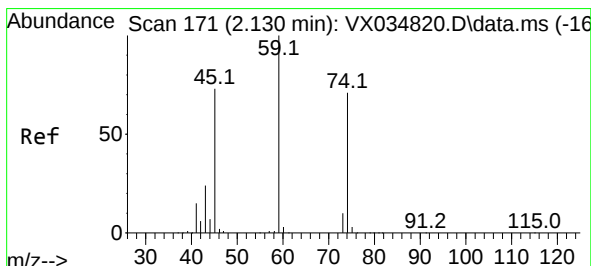
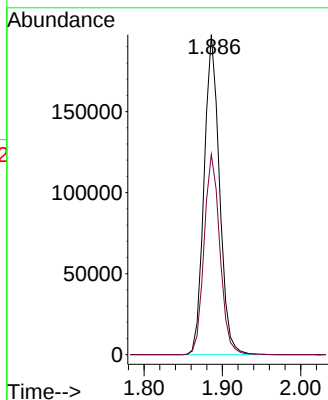
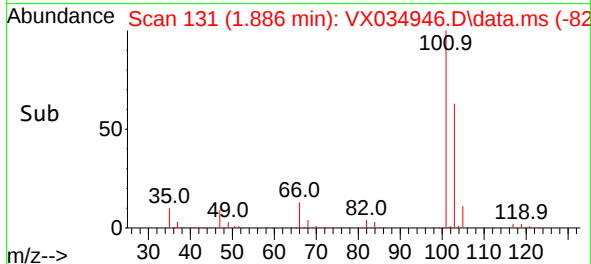
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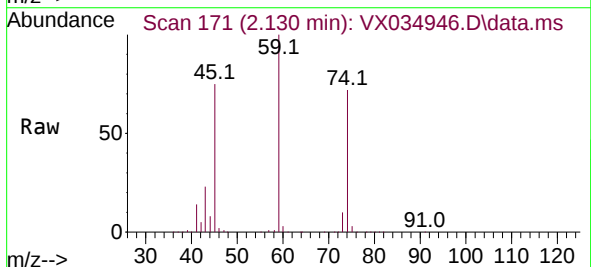
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 Ion Ratio Lower Upper
 101 100
 103 62.6 52.0 78.0

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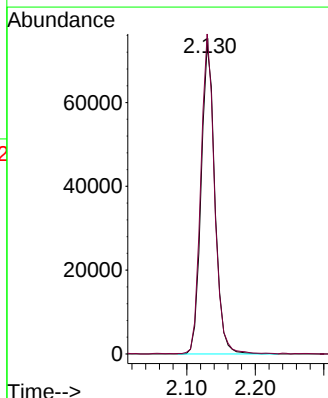
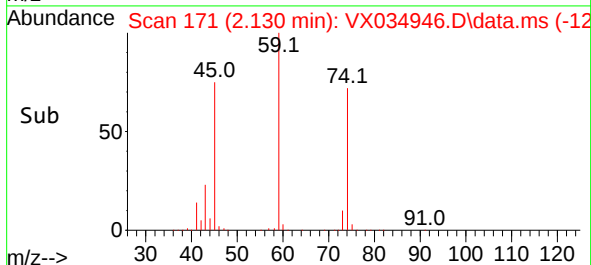
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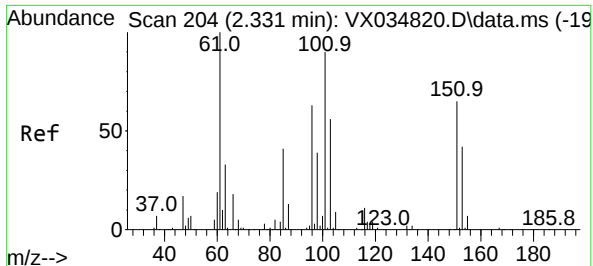


#8
 Diethyl Ether
 Concen: 50.187 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034946.D
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Tgt Ion: 74 Resp: 103090
 Ion Ratio Lower Upper
 74 100
 45 103.3 49.8 149.3





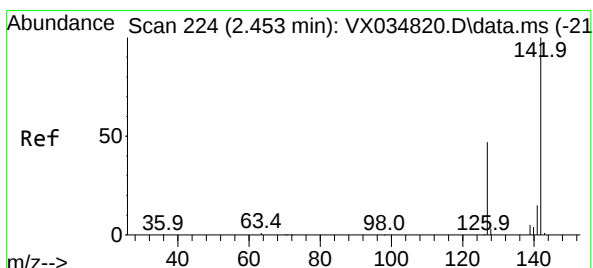
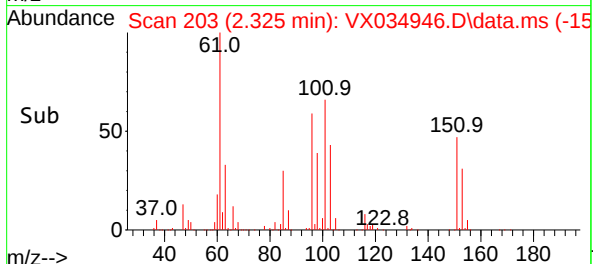
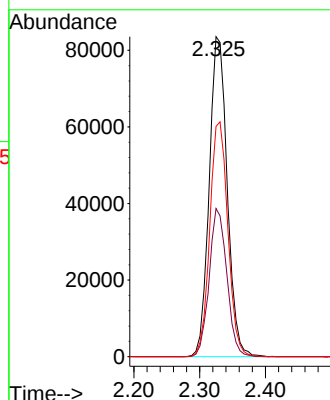
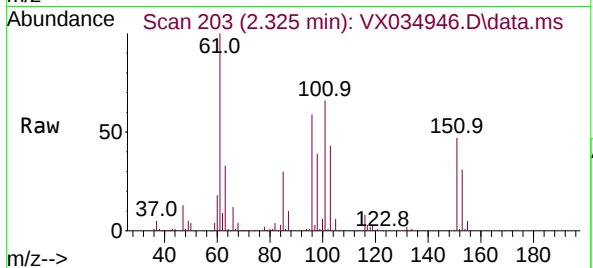
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.278 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 159200
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.2
151 73.6 60.2 90.4

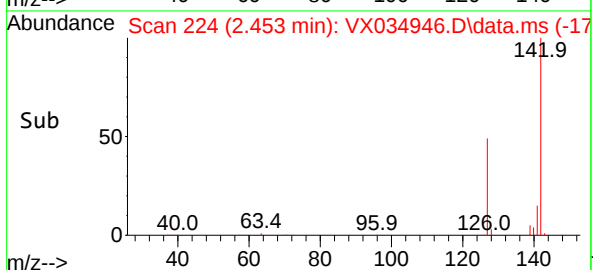
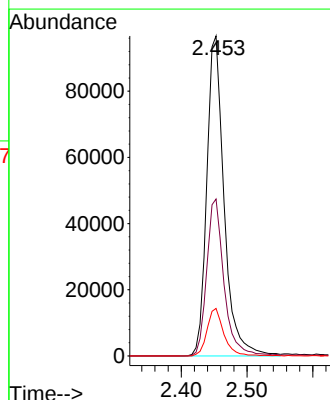
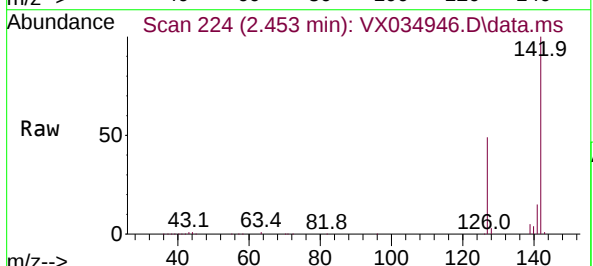
Manual Integrations
APPROVED

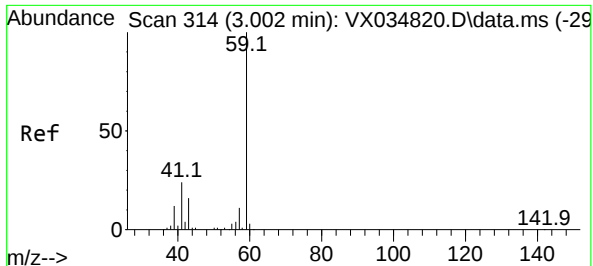
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 46.786 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

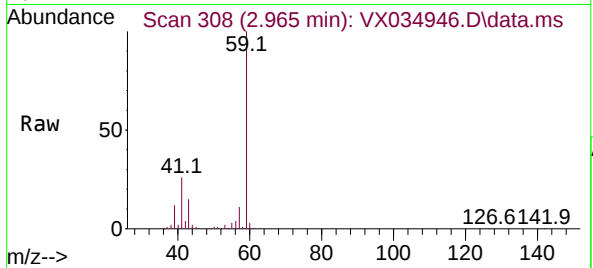
Tgt Ion:142 Resp: 177433
Ion Ratio Lower Upper
142 100
127 49.2 34.0 51.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 244.776 ug/l m
RT: 2.965 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

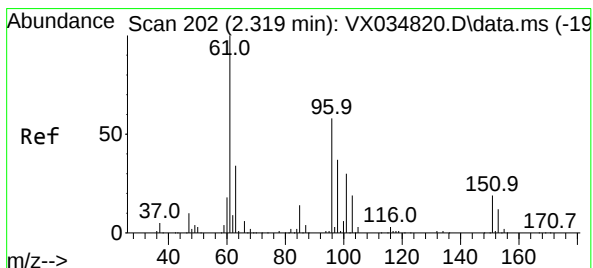
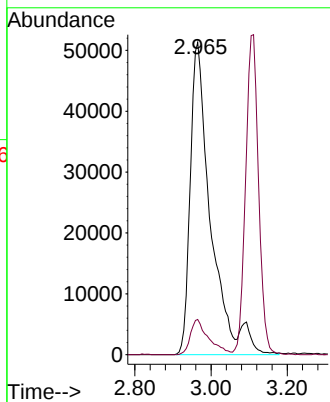
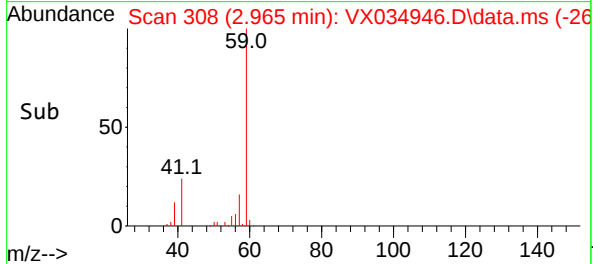
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 192524
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

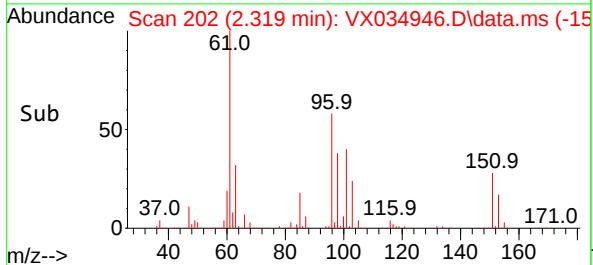
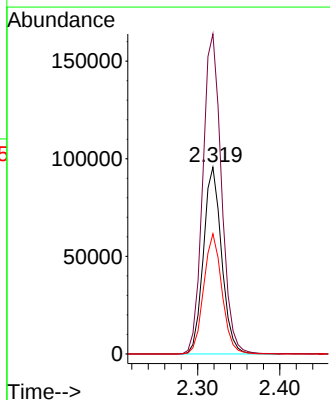
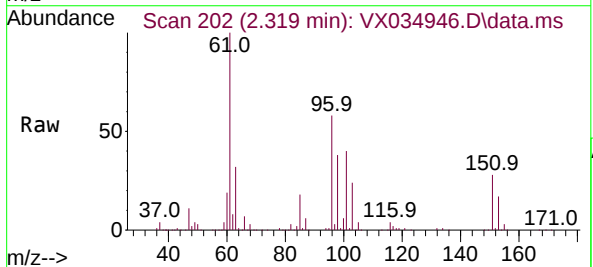
Manual Integrations
APPROVED

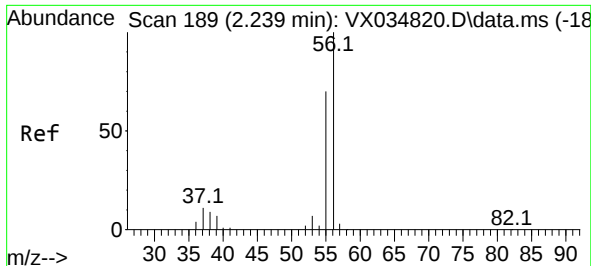
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#12
1,1-Dichloroethene
Concen: 48.952 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

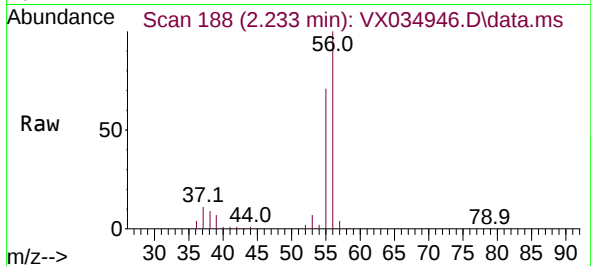
Tgt Ion: 96 Resp: 147307
Ion Ratio Lower Upper
96 100
61 171.4 128.8 193.2
98 64.4 51.4 77.0





#13
Acrolein
Concen: 229.357 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

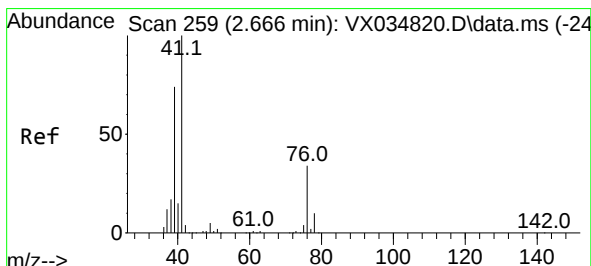
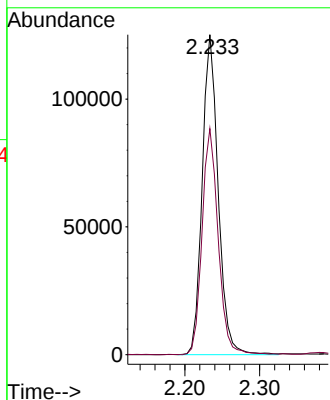
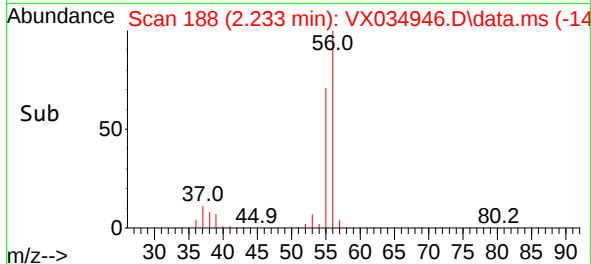
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18570
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

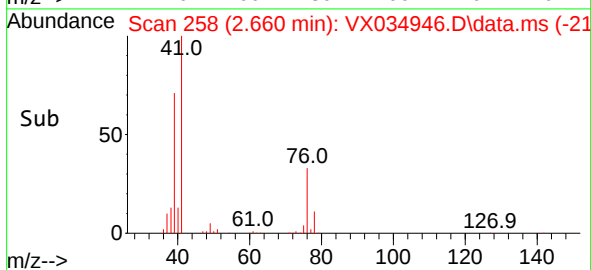
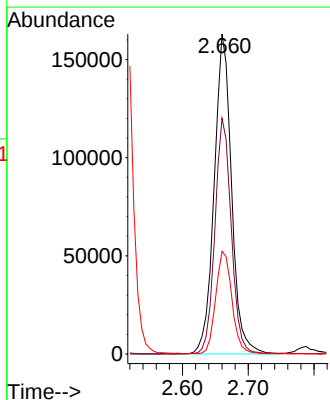
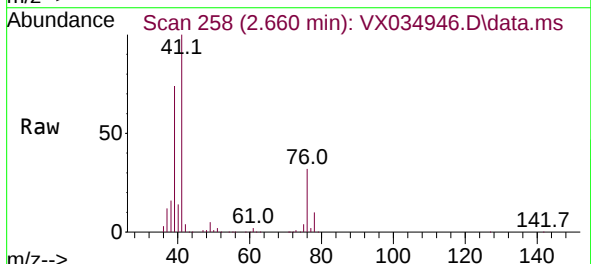
Manual Integrations
APPROVED

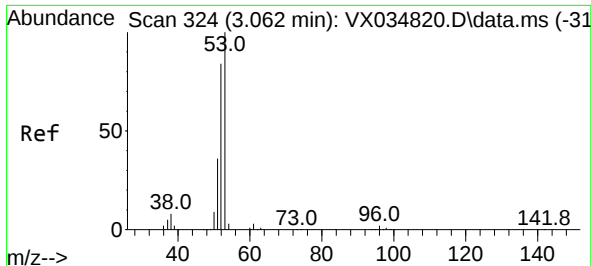
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 50.916 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

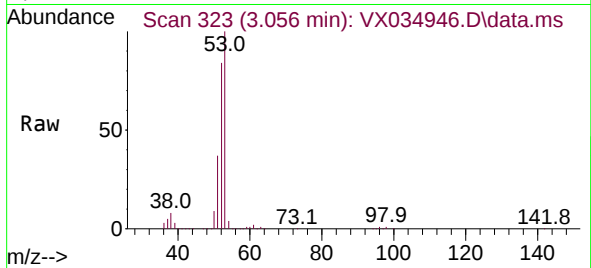
Tgt Ion: 41 Resp: 300170
Ion Ratio Lower Upper
41 100
39 69.4 52.4 78.6
76 30.0 26.0 39.0





#15
Acrylonitrile
Concen: 254.891 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

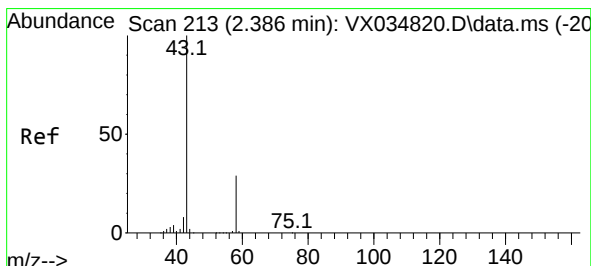
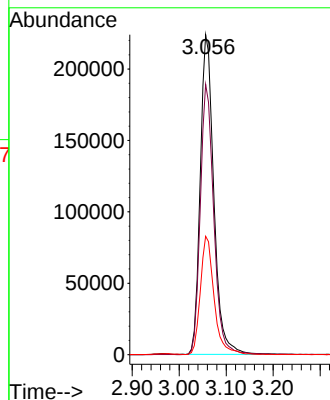
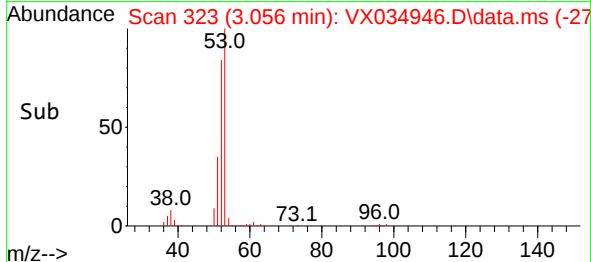
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 451270
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.4 28.3 42.5

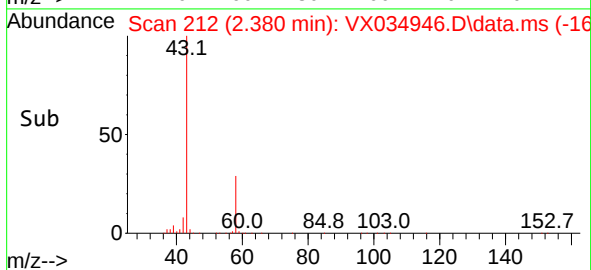
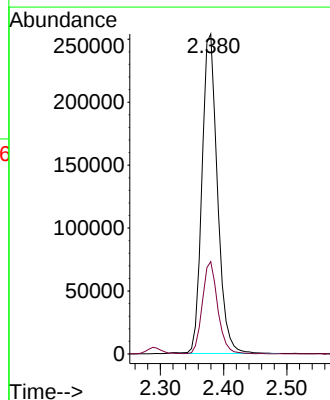
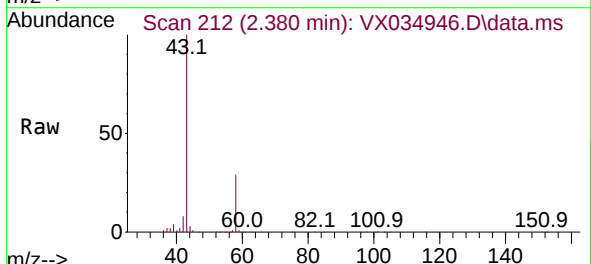
Manual Integrations
APPROVED

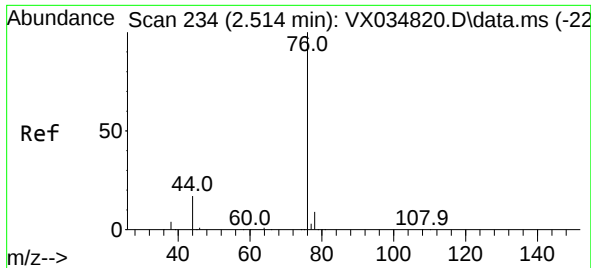
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
Acetone
Concen: 237.052 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 43 Resp: 431693
Ion Ratio Lower Upper
43 100
58 28.8 24.7 37.1





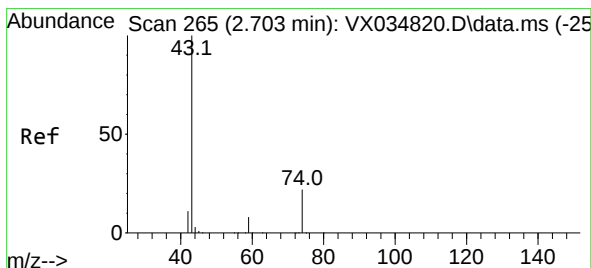
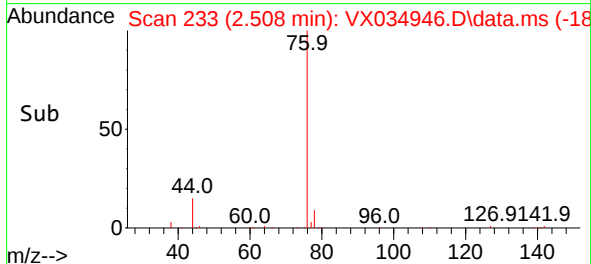
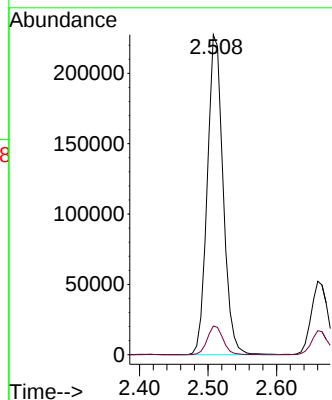
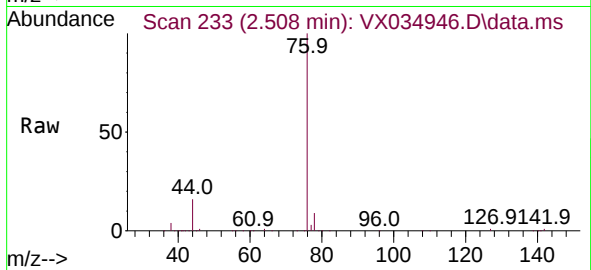
#17
Carbon Disulfide
Concen: 48.344 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 364340
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

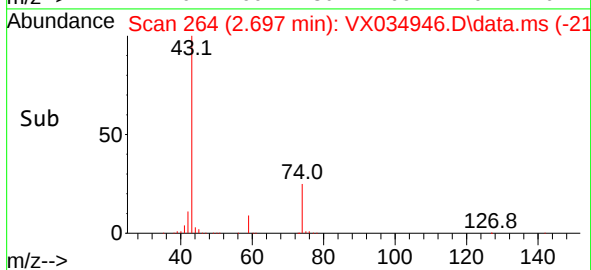
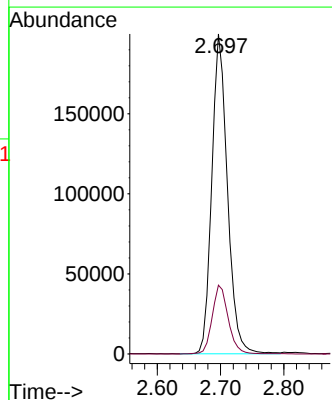
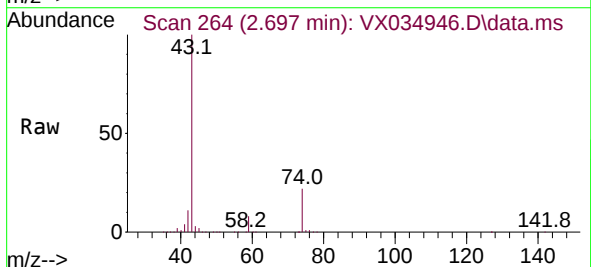
Manual Integrations
APPROVED

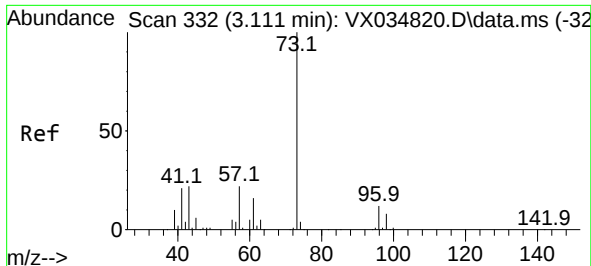
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#18
Methyl Acetate
Concen: 53.032 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

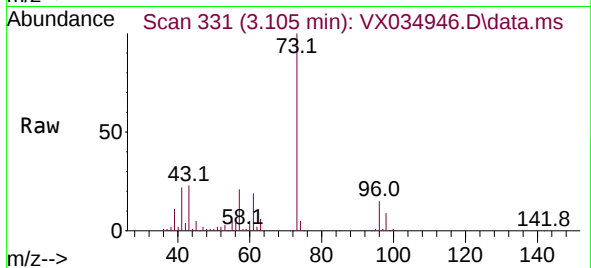
Tgt Ion: 43 Resp: 343141
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 50.912 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

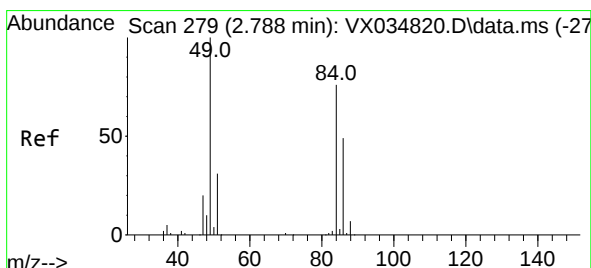
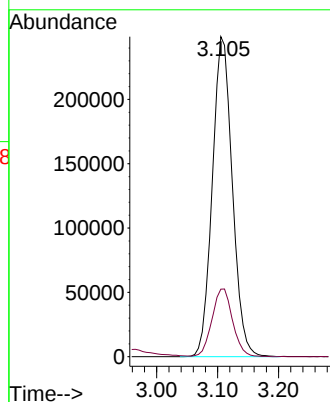
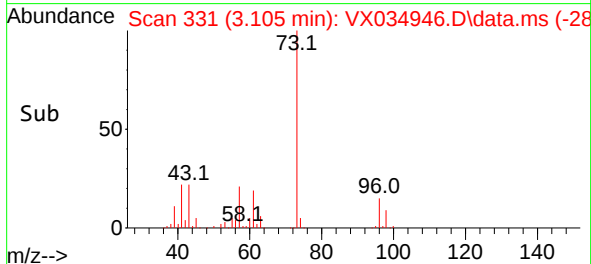
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 567230
Ion Ratio Lower Upper
73 100
57 21.0 18.5 27.7

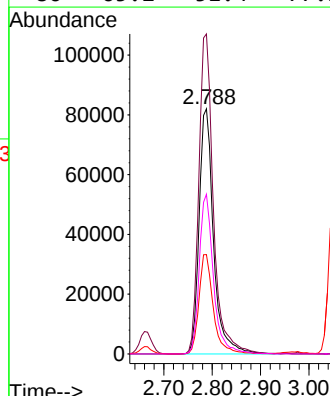
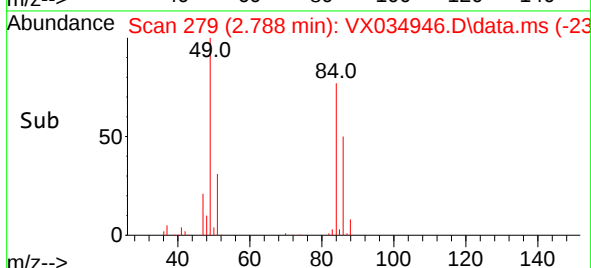
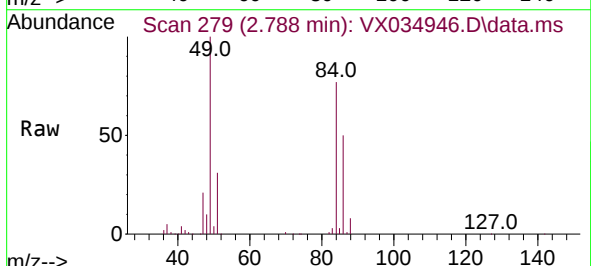
Manual Integrations
APPROVED

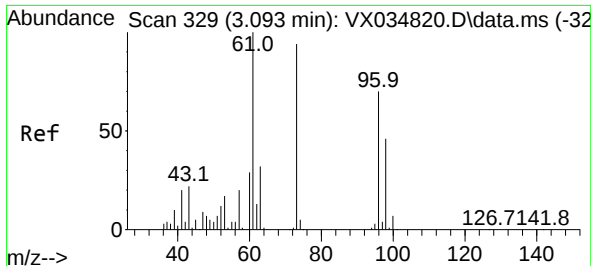
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 47.229 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

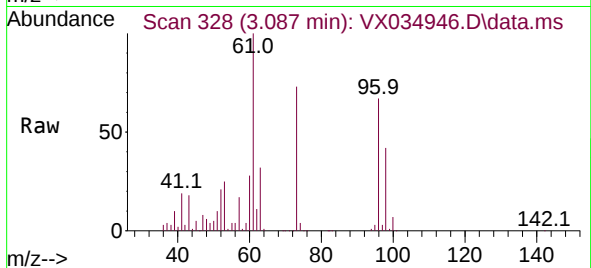
Tgt Ion: 84 Resp: 169722
Ion Ratio Lower Upper
84 100
49 130.6 103.8 155.8
51 40.6 31.8 47.8
86 65.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.259 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

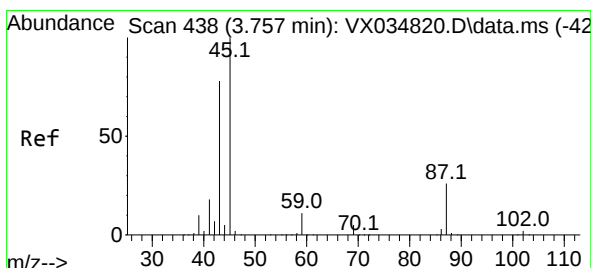
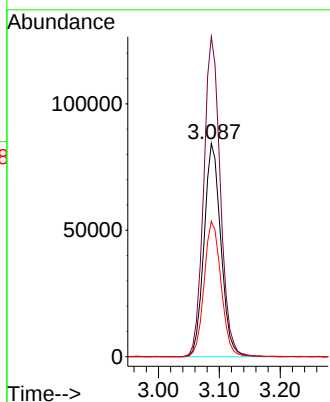
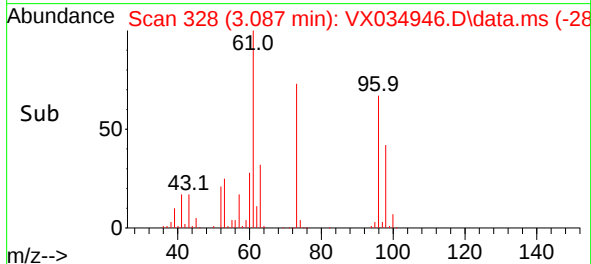
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



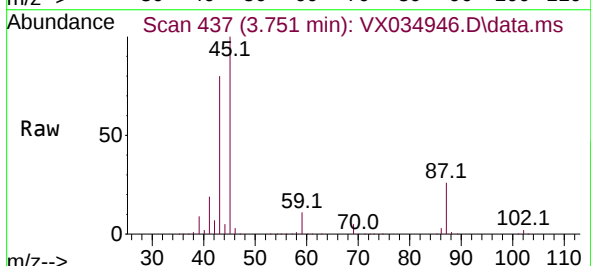
Tgt Ion: 96 Resp: 161664
Ion Ratio Lower Upper
96 100
61 150.0 113.0 169.6
98 63.5 52.1 78.1

Manual Integrations
APPROVED

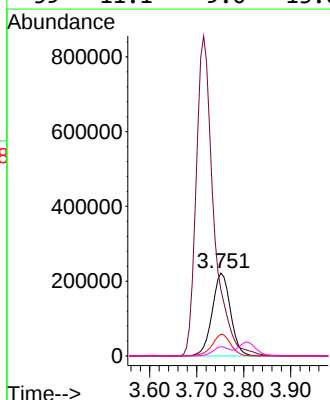
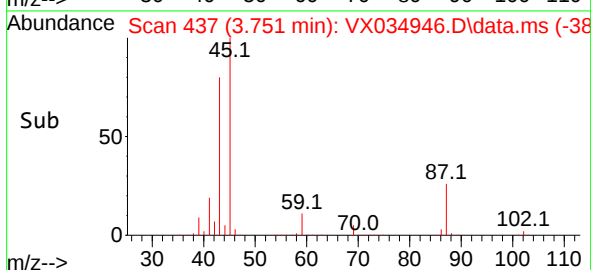
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

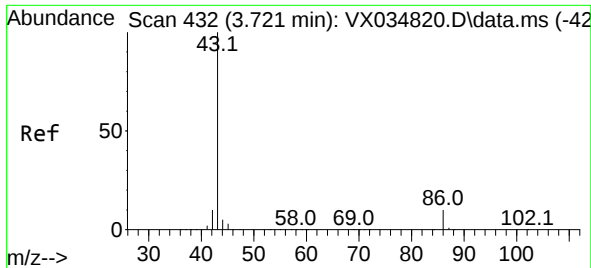


#22
Diisopropyl ether
Concen: 50.456 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



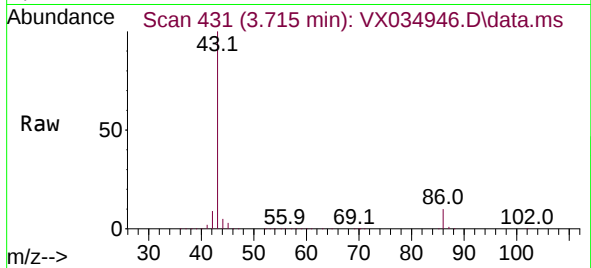
Tgt Ion: 45 Resp: 600199
Ion Ratio Lower Upper
45 100
43 79.9 65.4 98.2
87 26.2 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 262.894 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50

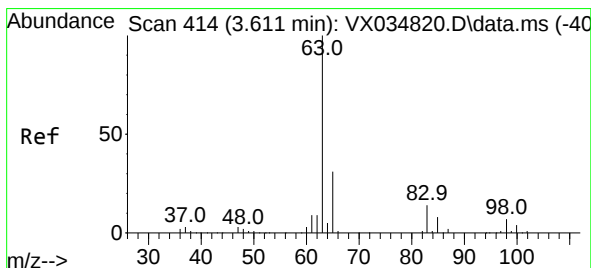
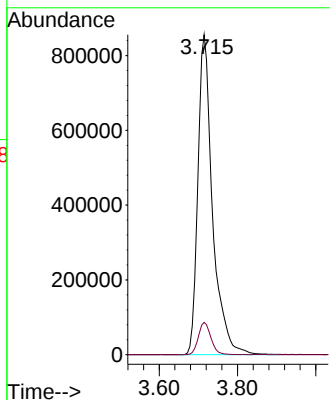
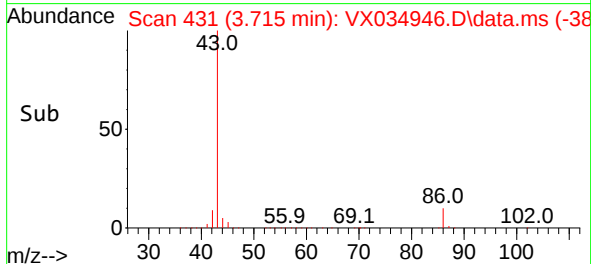
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



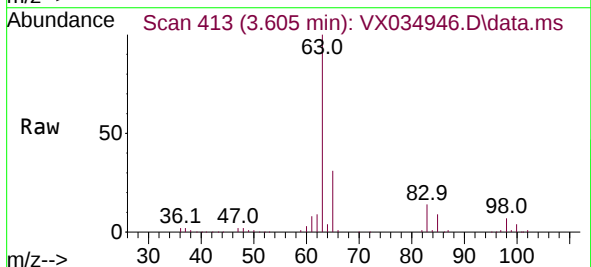
Tgt Ion: 43 Resp: 223030
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

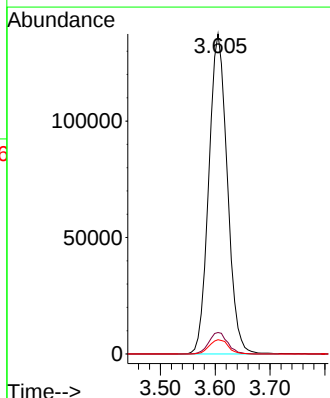
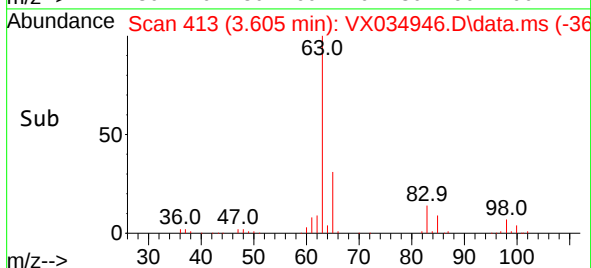
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

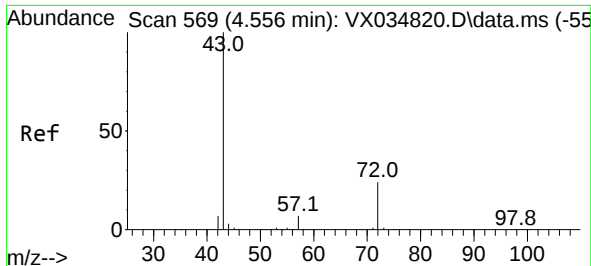


#24
 1,1-Dichloroethane
 Concen: 50.284 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50



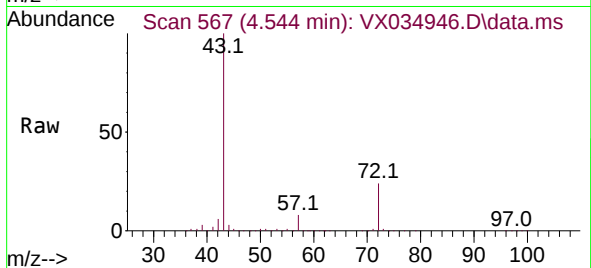
Tgt Ion: 63 Resp: 321832
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.5 2.4 7.1





#25
2-Butanone
Concen: 248.760 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

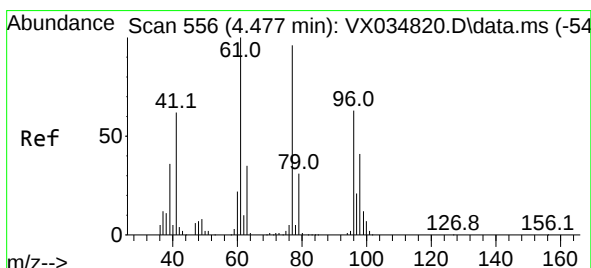
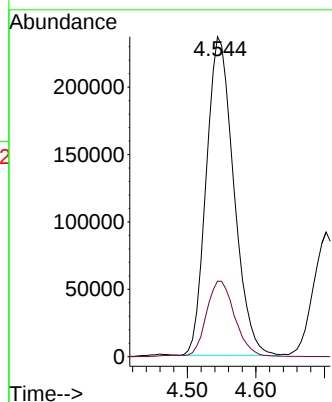
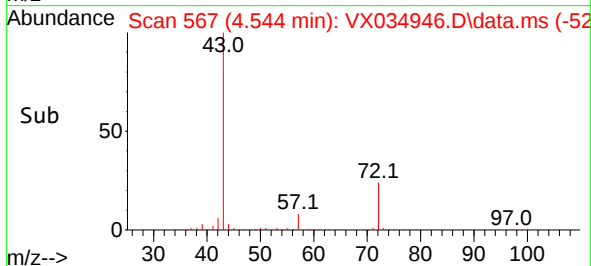
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65896
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9

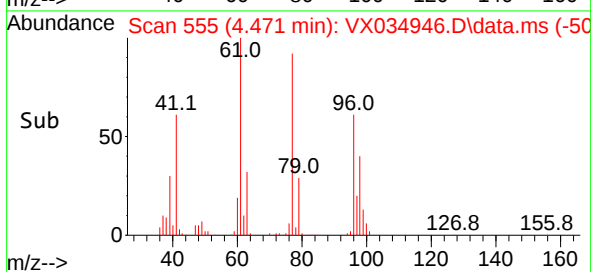
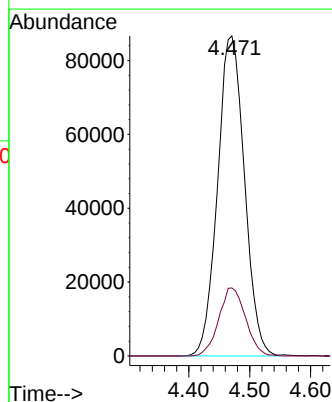
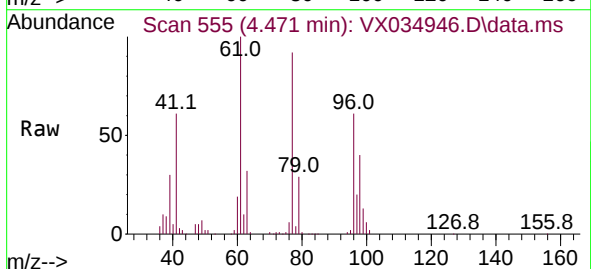
Manual Integrations
APPROVED

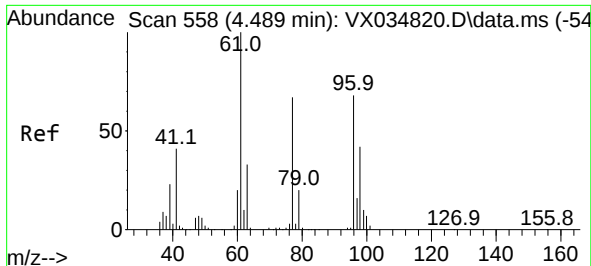
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#26
2,2-Dichloropropane
Concen: 50.441 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

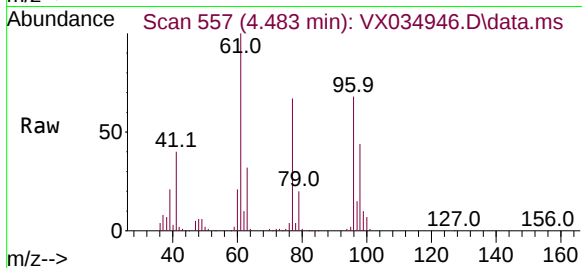
Tgt Ion: 77 Resp: 265488
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.271 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50

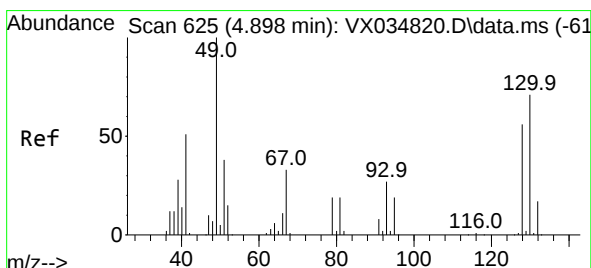
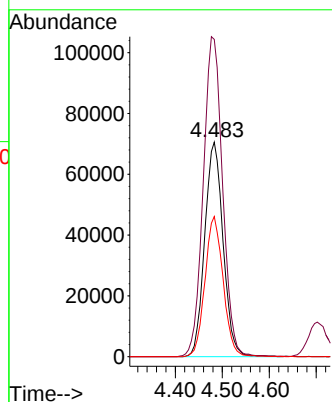
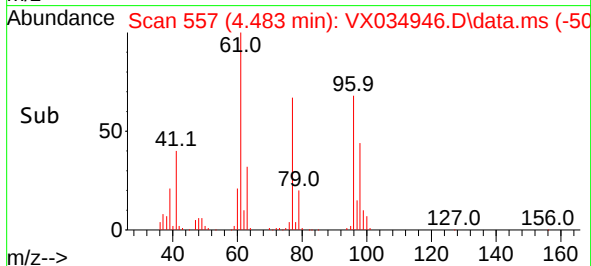
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 191609
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 300.4
 98 64.6 0.0 129.0

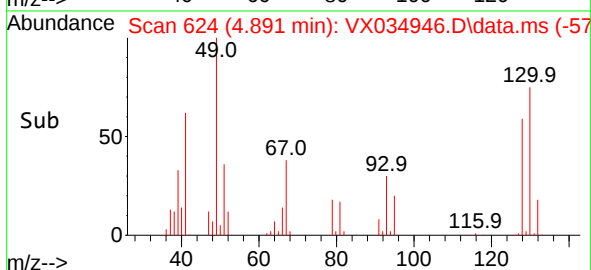
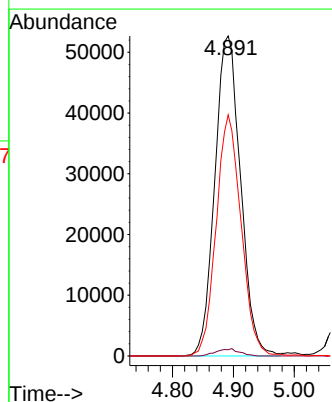
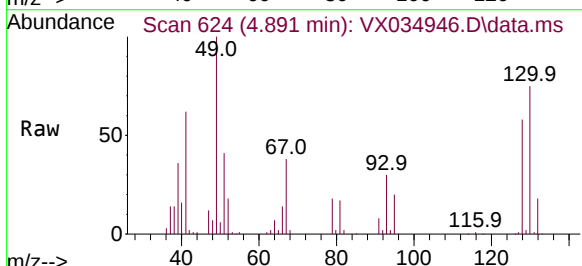
Manual Integrations
 APPROVED

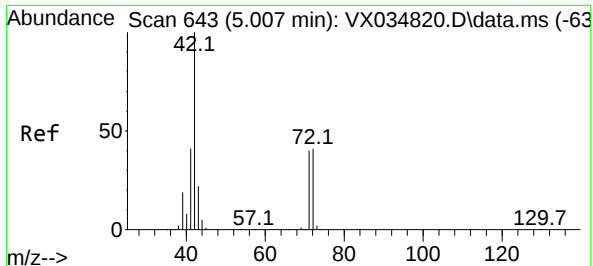
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 49.532 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50

Tgt Ion: 49 Resp: 155075
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 72.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 255.041 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 423239

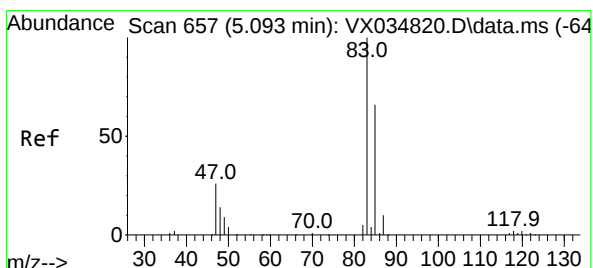
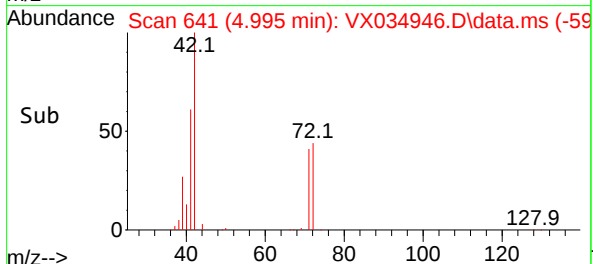
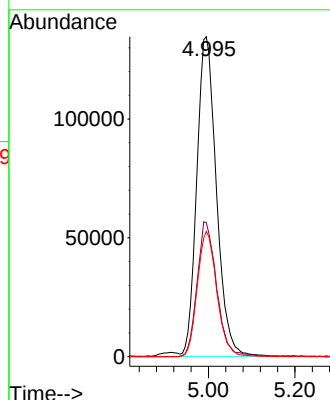
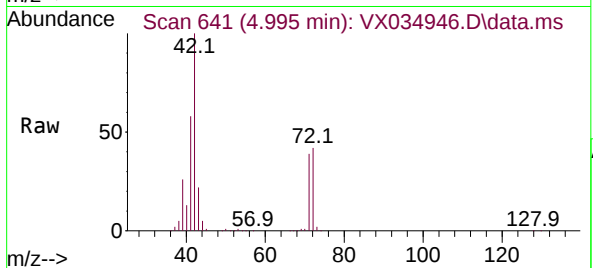
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.5	51.7
71	39.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 50.720 ug/l

RT: 5.086 min Scan# 656

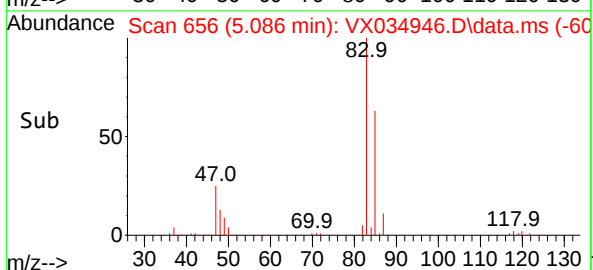
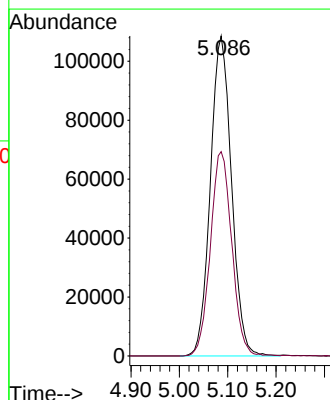
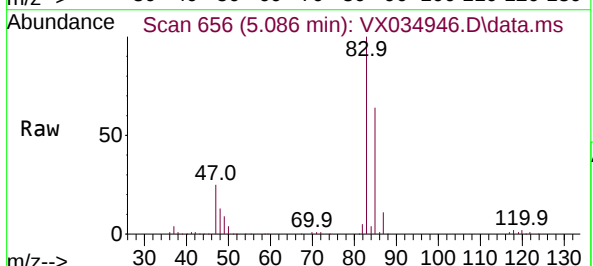
Delta R.T. -0.006 min

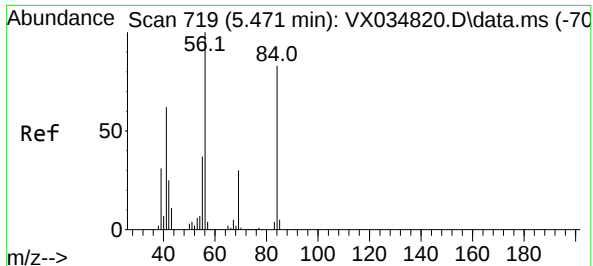
Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion: 83 Resp: 329717

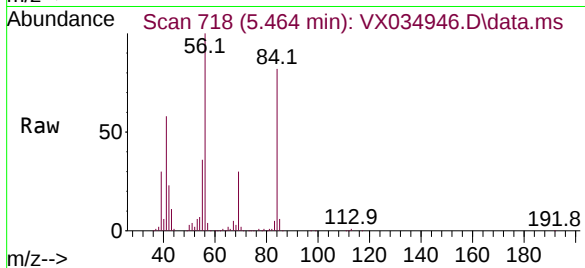
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0





#31
Cyclohexane
Concen: 51.272 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

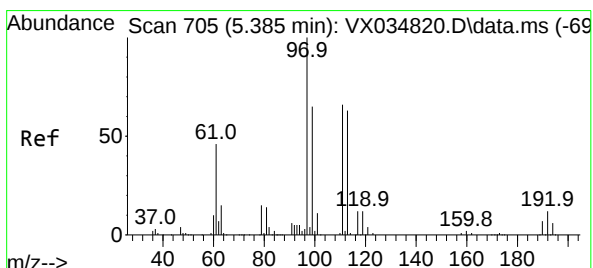
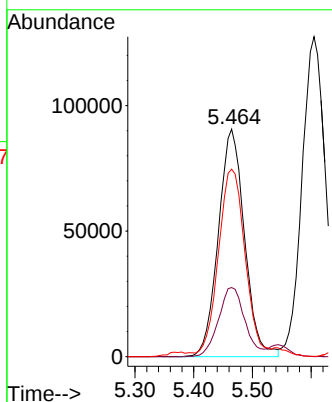
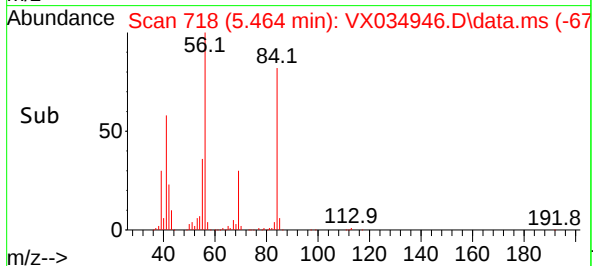
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



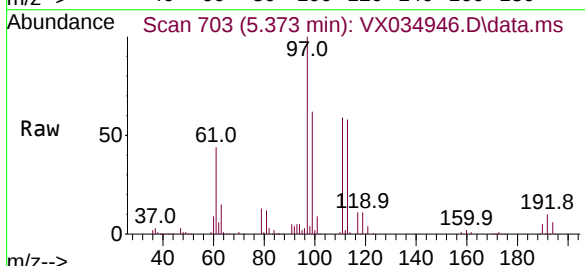
Tgt Ion: 56 Resp: 279875
Ion Ratio Lower Upper
56 100
69 30.4 23.7 35.5
84 80.6 68.5 102.7

Manual Integrations
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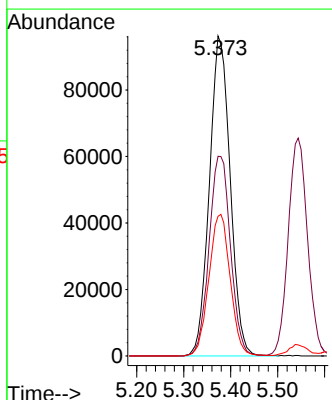
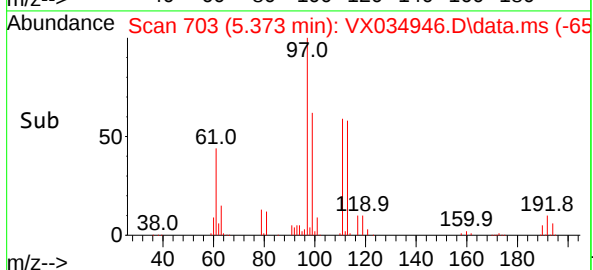
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

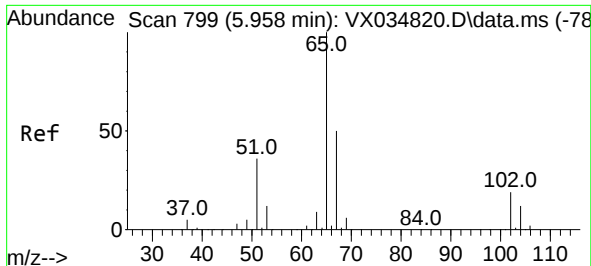


#32
1,1,1-Trichloroethane
Concen: 53.264 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



Tgt Ion: 97 Resp: 295478
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 45.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.731 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 23190

Ion Ratio Lower Upper

65 100

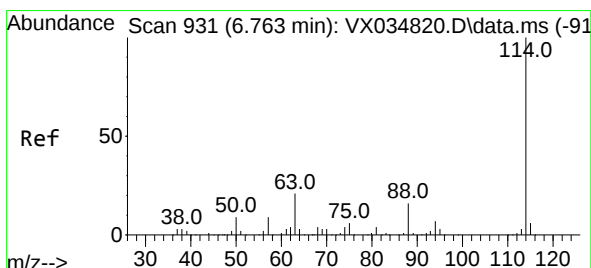
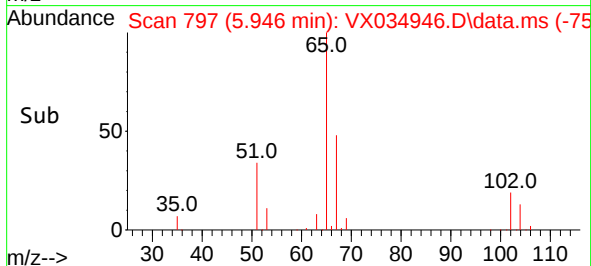
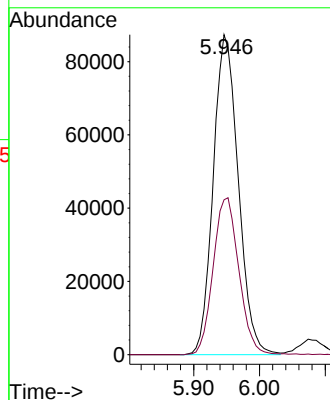
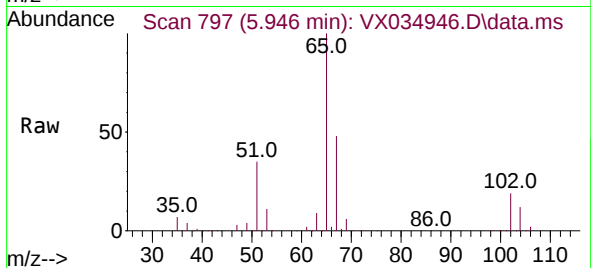
67 50.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

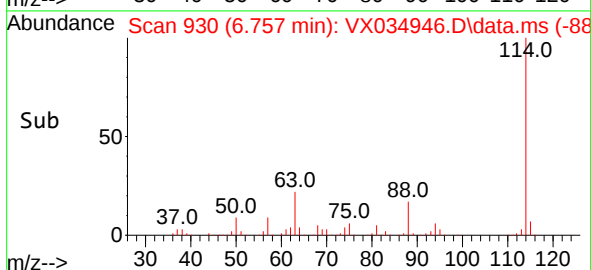
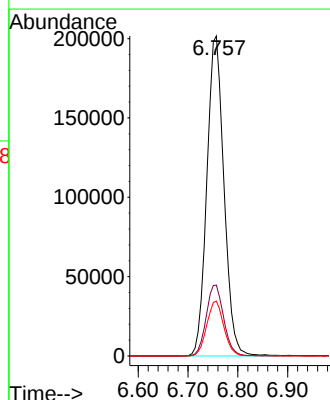
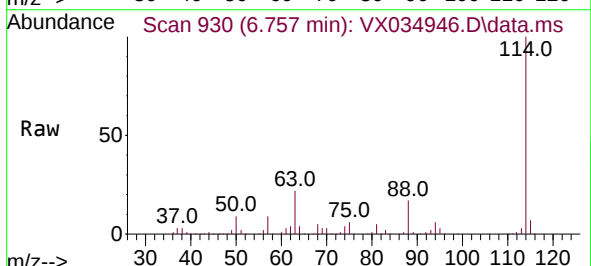
Tgt Ion:114 Resp: 480947

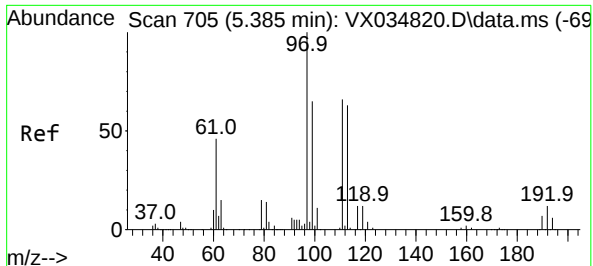
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.474 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034946.D

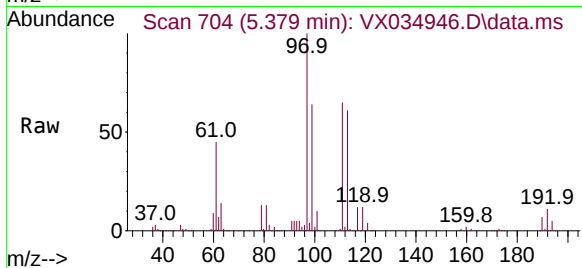
Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



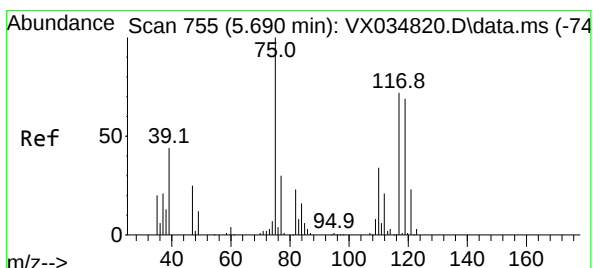
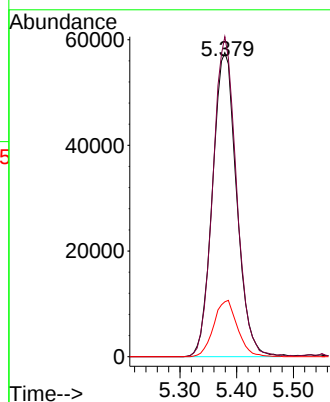
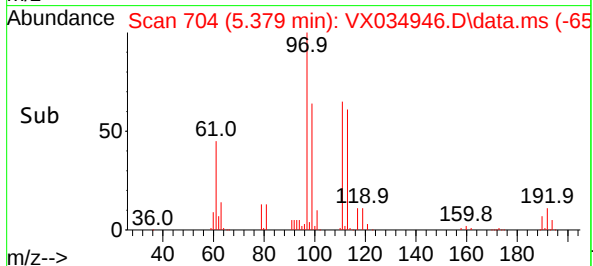
Tgt Ion:	113	Resp:	170100
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.7	125.5
192	18.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 51.758 ug/l

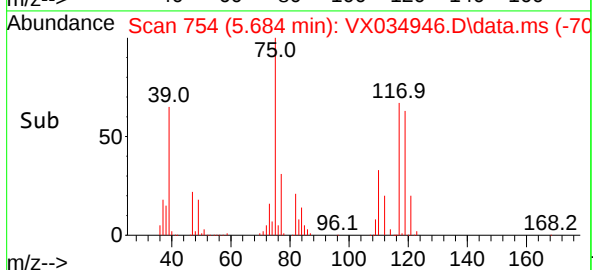
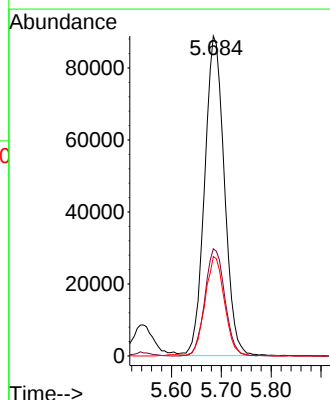
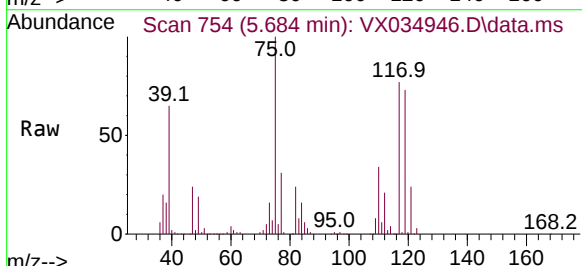
RT: 5.684 min Scan# 754

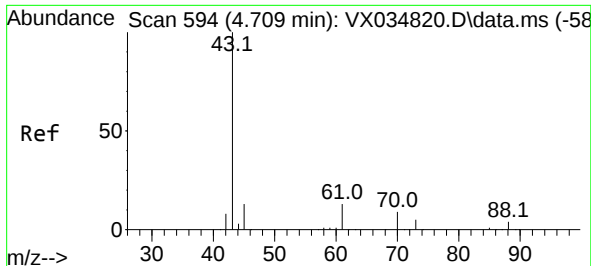
Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

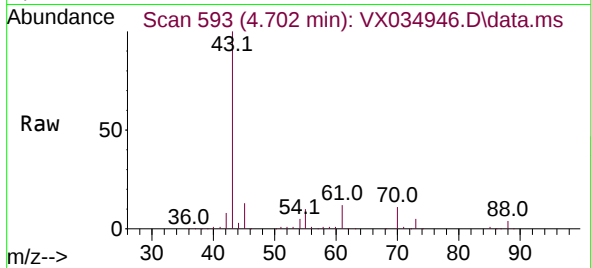
Tgt Ion:	75	Resp:	243925
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.5	52.5
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 52.340 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

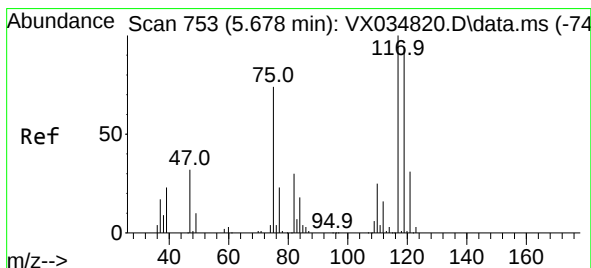
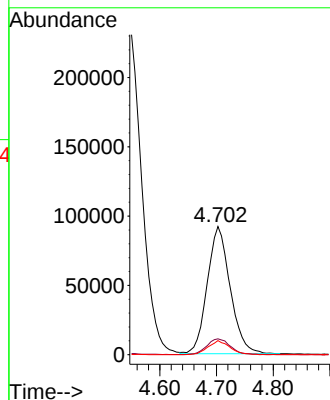
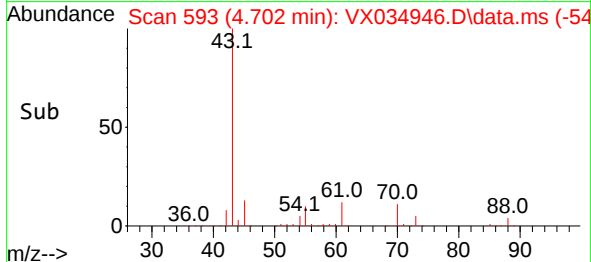
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25792
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 10.4 8.2 12.4

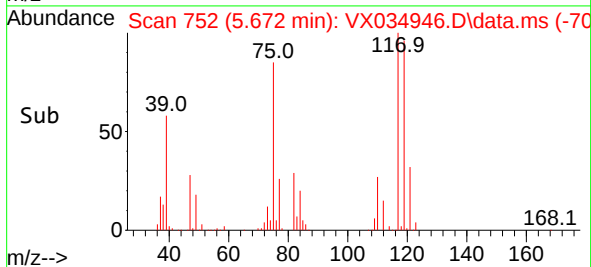
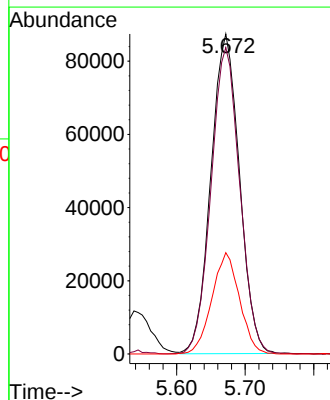
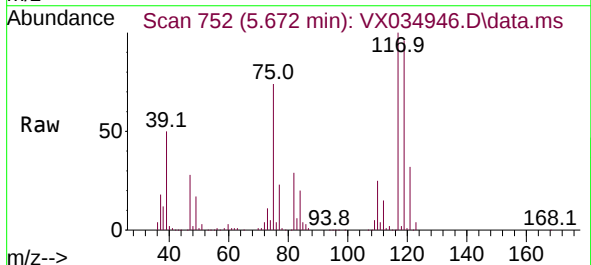
Manual Integrations
APPROVED

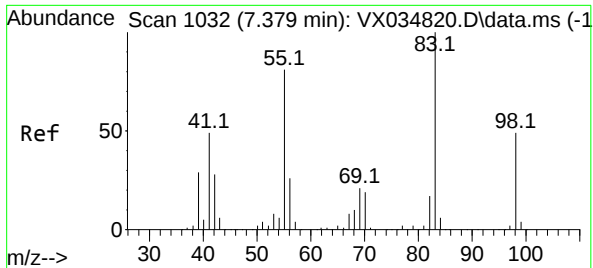
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#38
Carbon Tetrachloride
Concen: 56.933 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:117 Resp: 252971
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8
121 31.7 23.8 35.6





#39

Methylcyclohexane

Concen: 51.802 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 25924

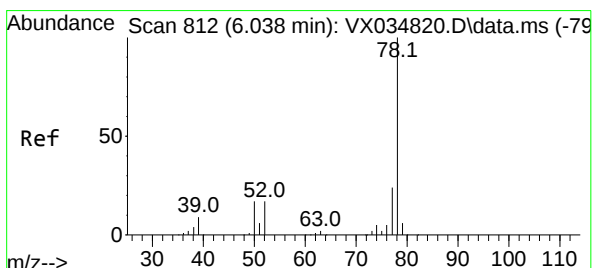
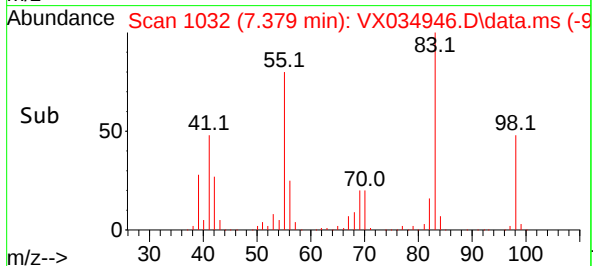
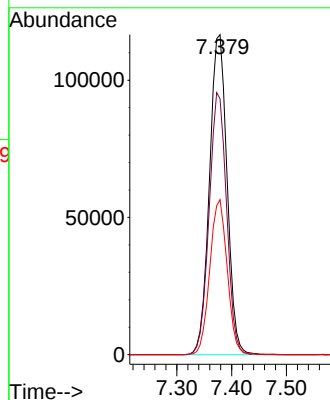
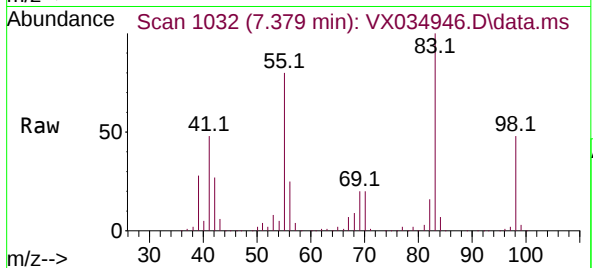
Ion	Ratio	Lower	Upper
83	100		
55	80.0	60.5	90.7
98	48.4	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

Benzene

Concen: 50.277 ug/l

RT: 6.031 min Scan# 811

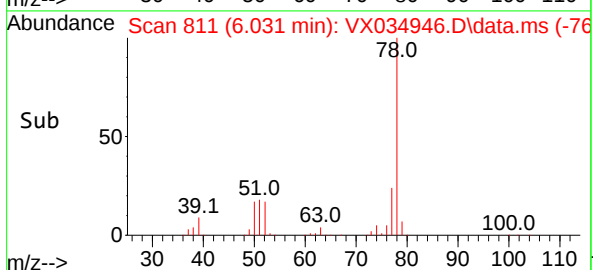
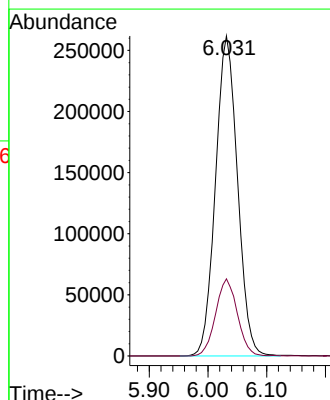
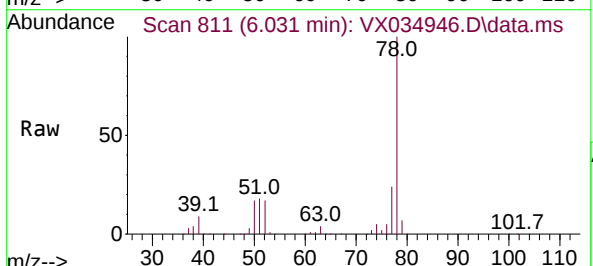
Delta R.T. -0.006 min

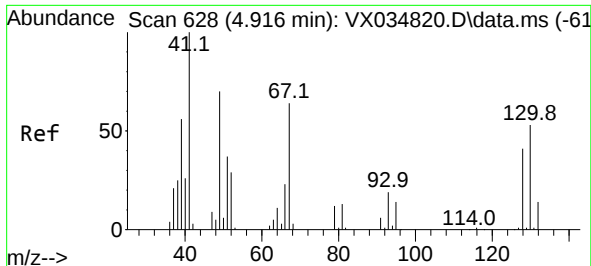
Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion: 78 Resp: 680178

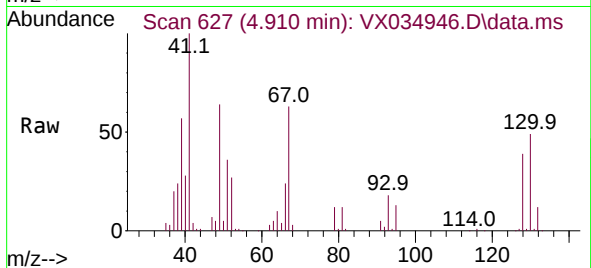
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41
Methacrylonitrile
Concen: 56.427 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

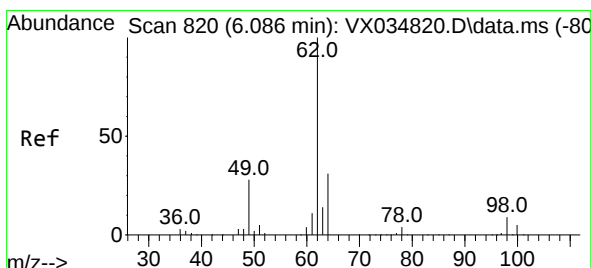
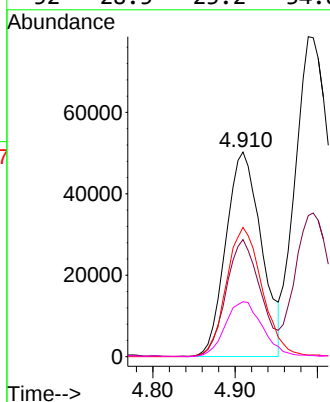
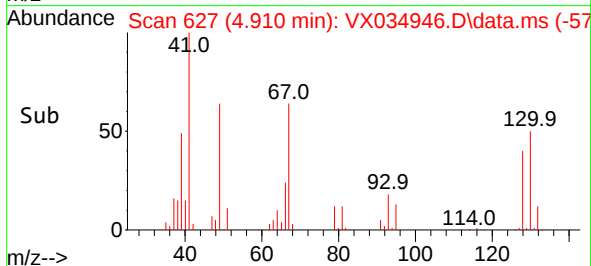
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15122
Ion Ratio Lower Upper
41 100
39 55.7 45.0 67.6
67 64.0 55.6 83.4
52 28.5 23.2 34.8

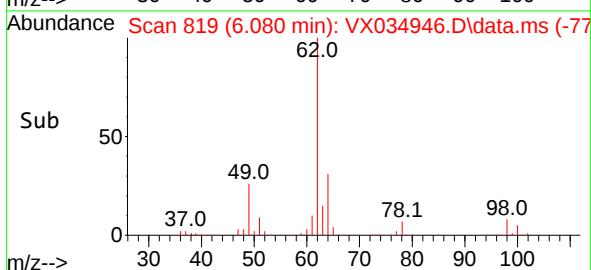
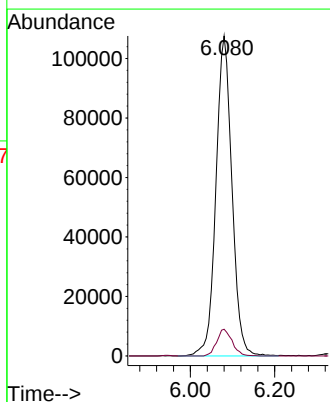
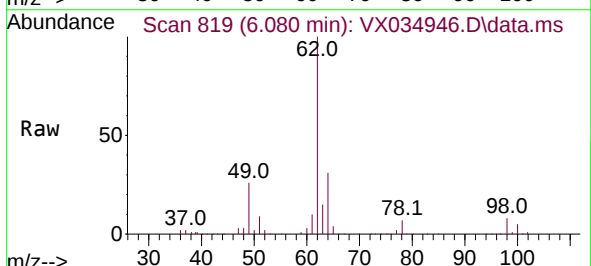
Manual Integrations
APPROVED

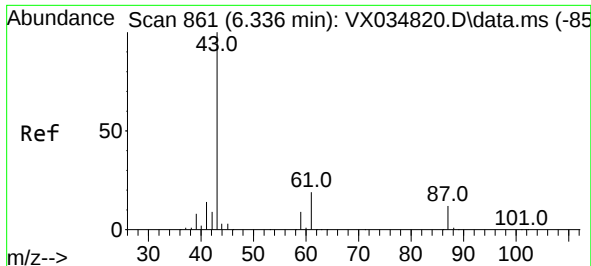
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 52.527 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 62 Resp: 282522
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 53.340 ug/l

RT: 6.330 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX034946.D

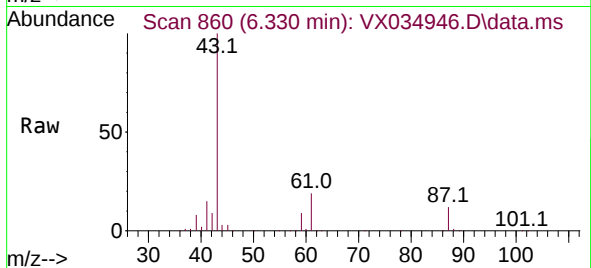
Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



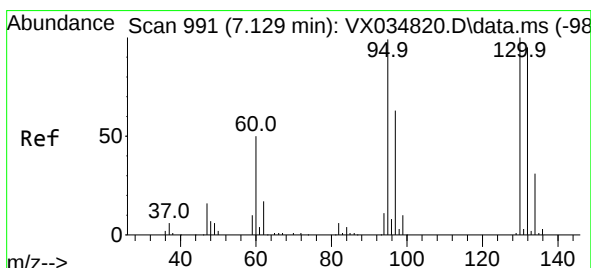
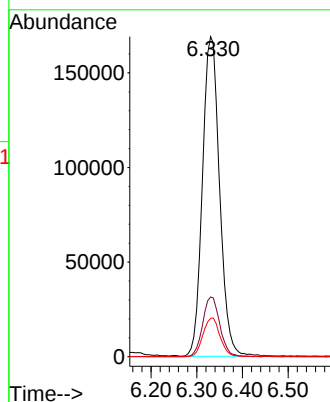
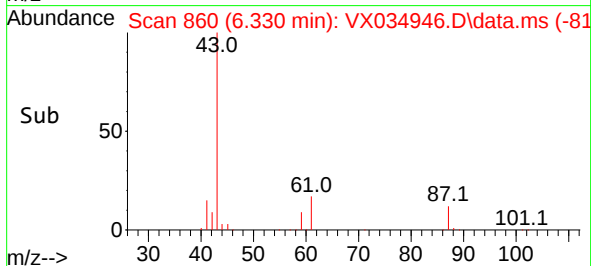
Tgt Ion: 43	Resp: 439760
Ion Ratio	Lower Upper
43	100
61	18.7 15.2 22.8
87	12.0 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#44

Trichloroethene

Concen: 51.765 ug/l

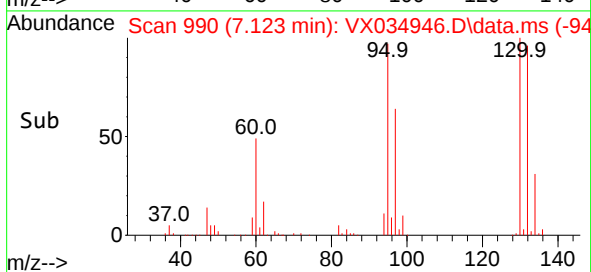
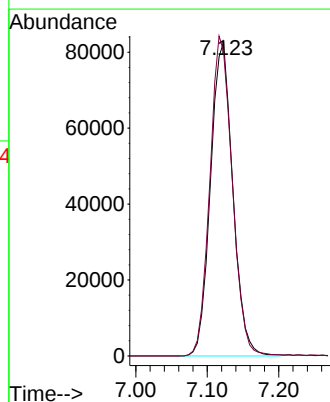
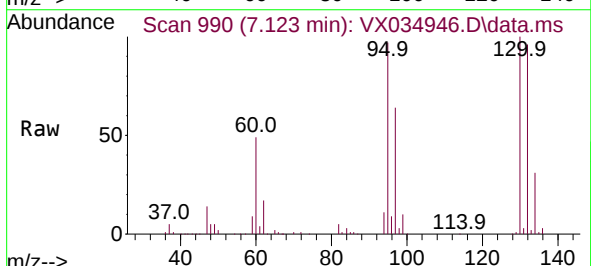
RT: 7.123 min Scan# 990

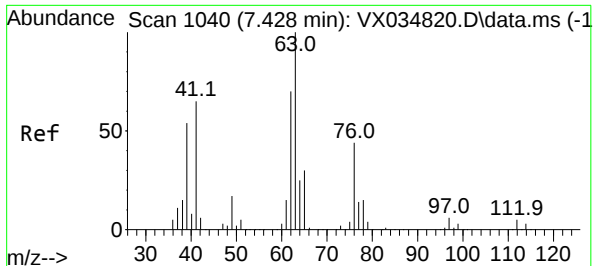
Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion:130	Resp: 178767
Ion Ratio	Lower Upper
130	100
95	97.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.547 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 181724

Ion Ratio Lower Upper

63 100

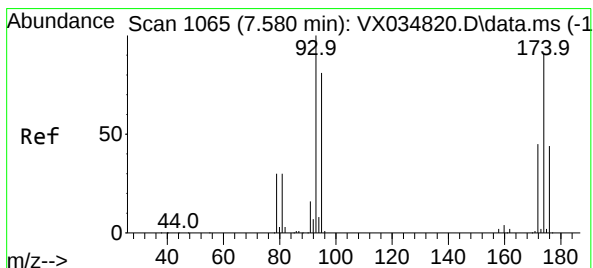
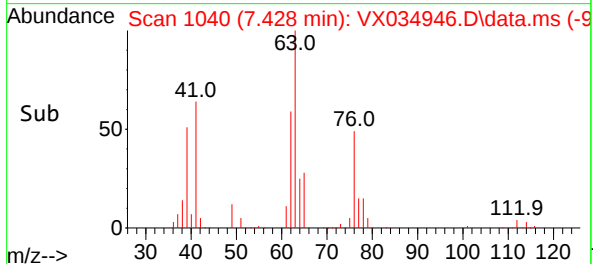
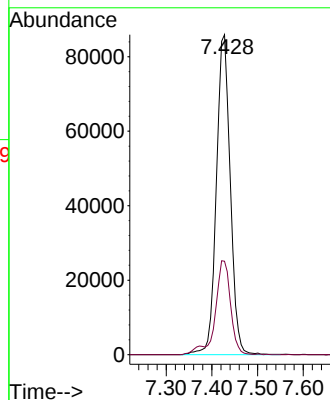
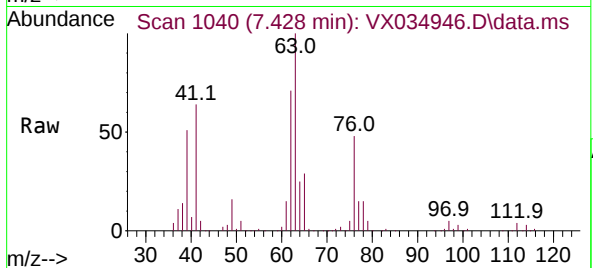
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#46

Dibromomethane

Concen: 51.260 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

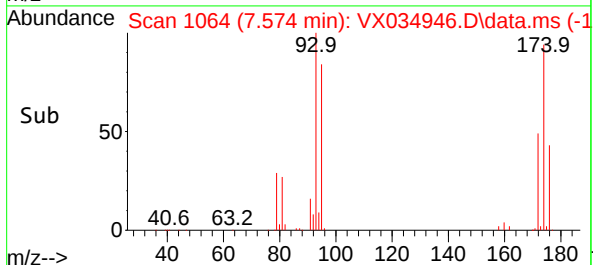
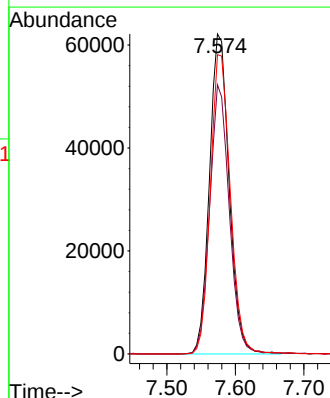
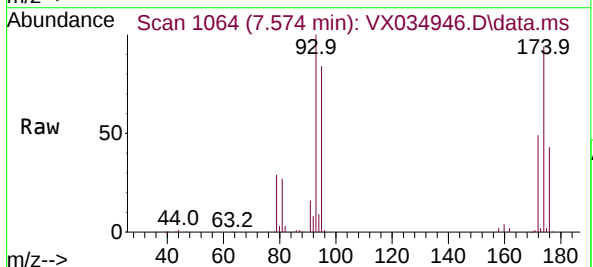
Tgt Ion: 93 Resp: 124338

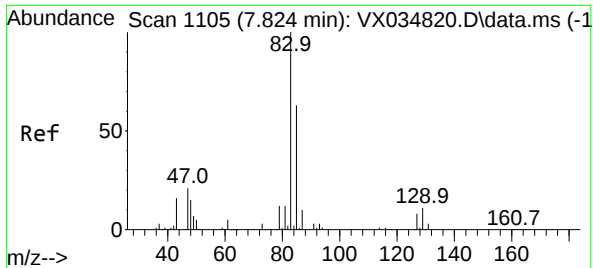
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

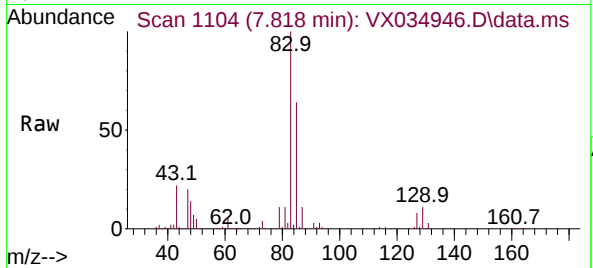
174 94.6 75.4 113.0





#47
Bromodichloromethane
Concen: 56.390 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

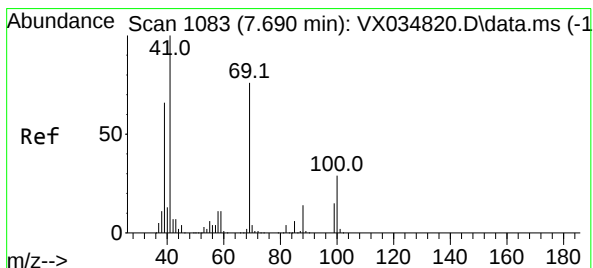
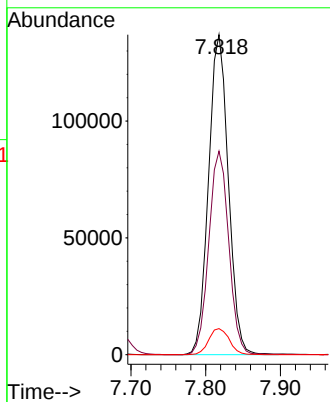
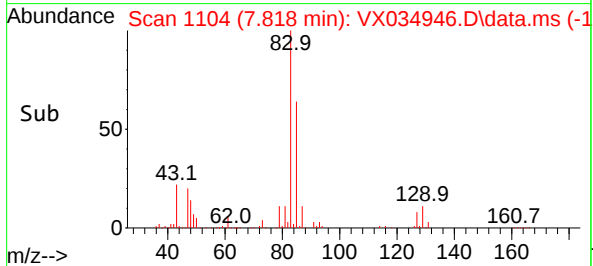
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 252650
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.1 6.6 9.8

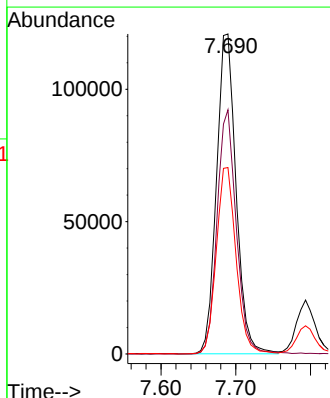
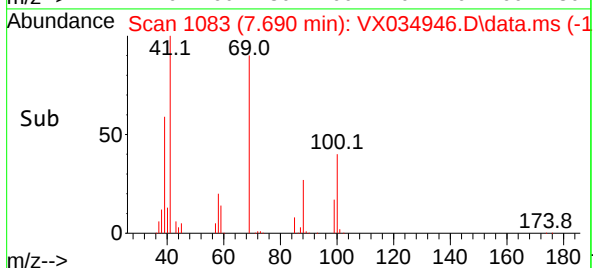
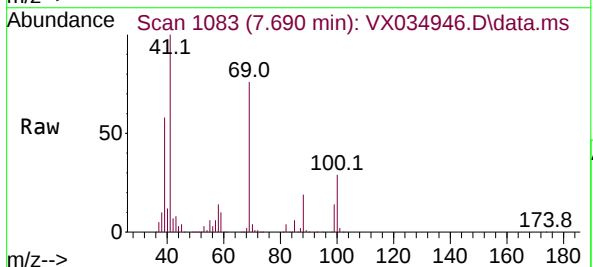
Manual Integrations
APPROVED

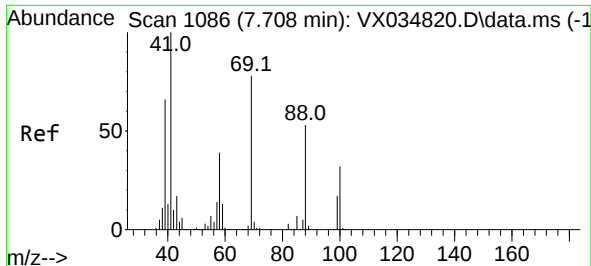
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#48
Methyl methacrylate
Concen: 54.427 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 41 Resp: 220367
Ion Ratio Lower Upper
41 100
69 74.9 62.2 93.4
39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1031.390 ug/l

RT: 7.671 min Scan# 1086

Delta R.T. -0.037 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

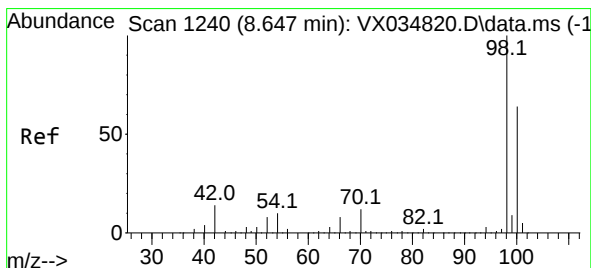
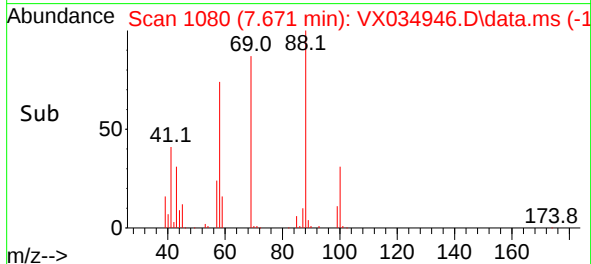
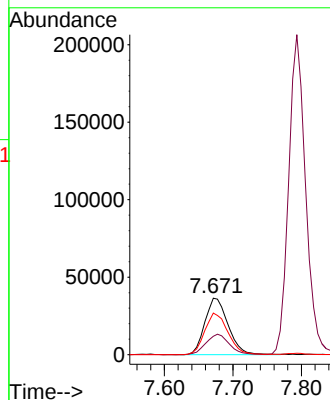
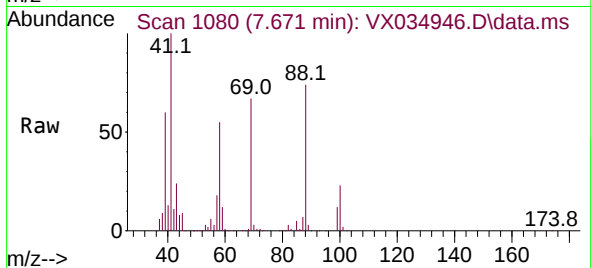
Tgt Ion:	88	Resp:	86058
Ion Ratio	Lower	Upper	
88	100		
43	36.2	27.7	41.5
58	73.8	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

Toluene-d8

Concen: 53.030 ug/l

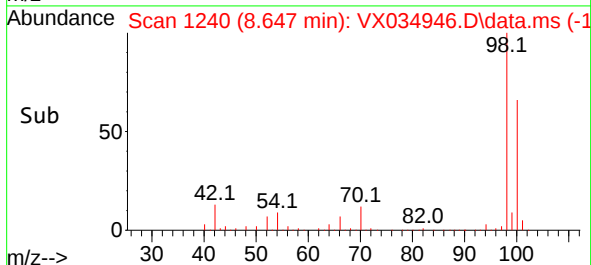
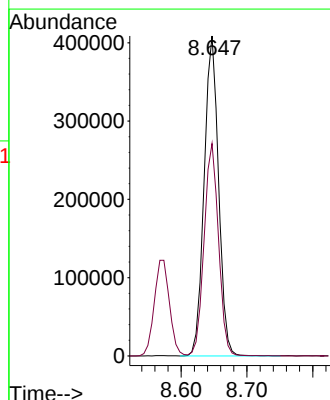
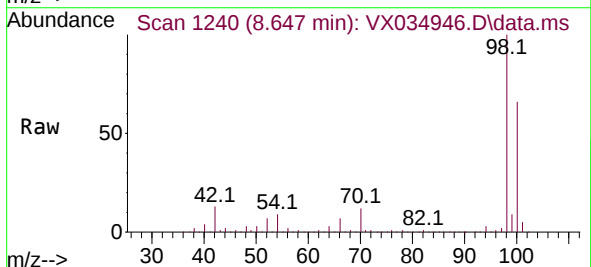
RT: 8.647 min Scan# 1240

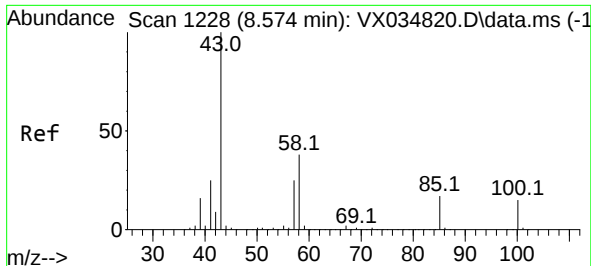
Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion:	98	Resp:	622660
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 267.148 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

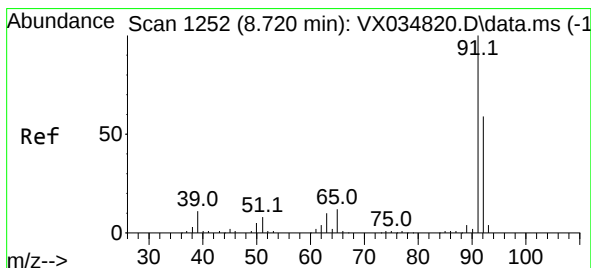
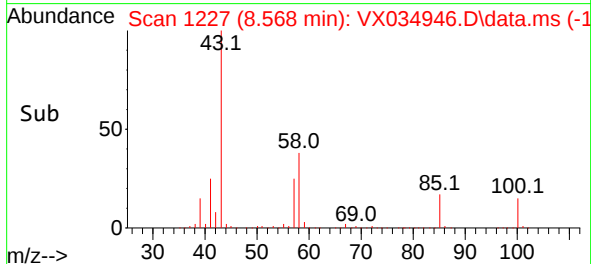
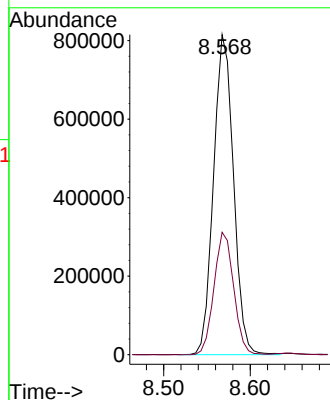
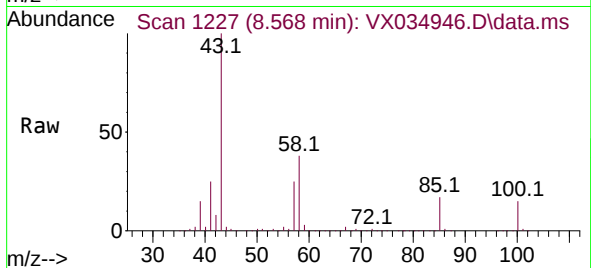
VSTDCCC050EC

Tgt Ion: 43 Resp: 1303504
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

Manual Integrations

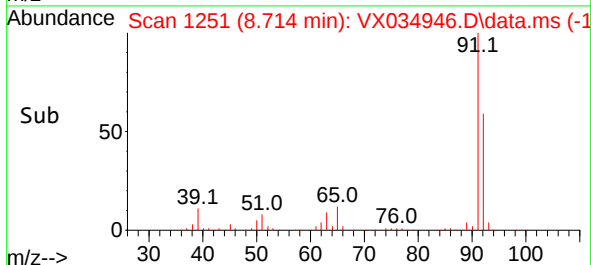
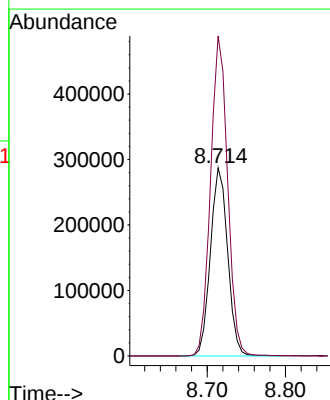
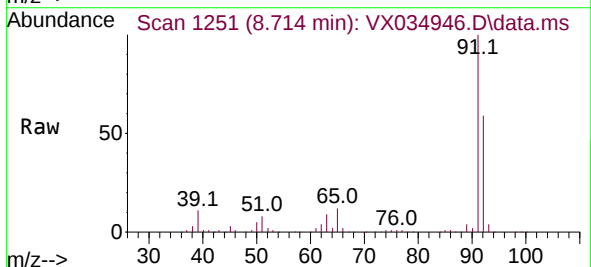
APPROVED

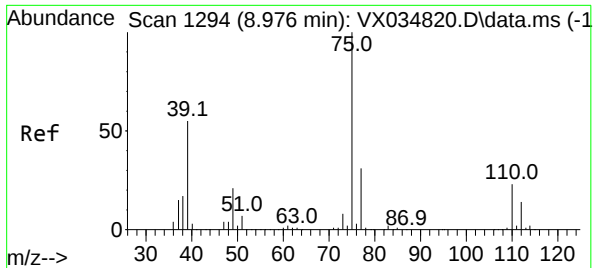
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#52
Toluene
Concen: 49.767 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 92 Resp: 438990
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 57.045 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 274950

Ion Ratio Lower Upper

75 100

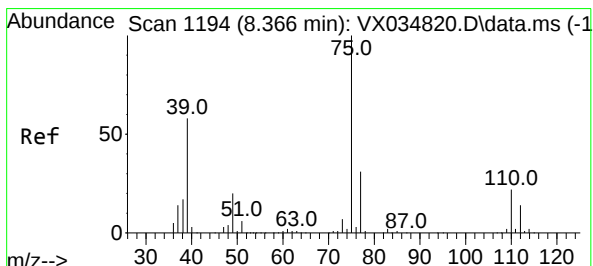
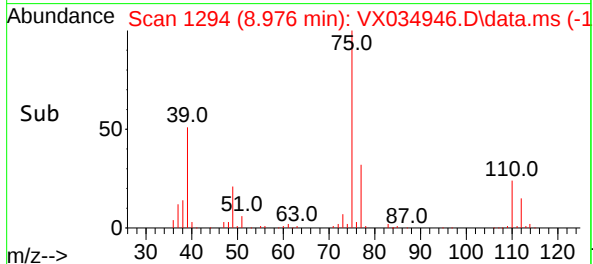
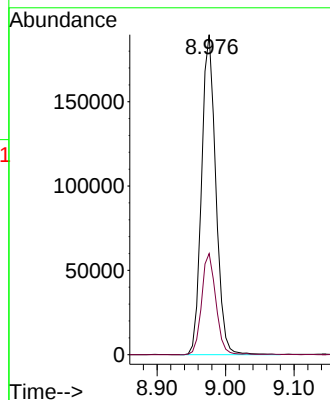
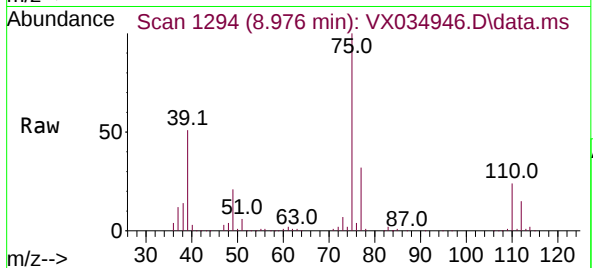
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#54

cis-1,3-Dichloropropene

Concen: 55.852 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

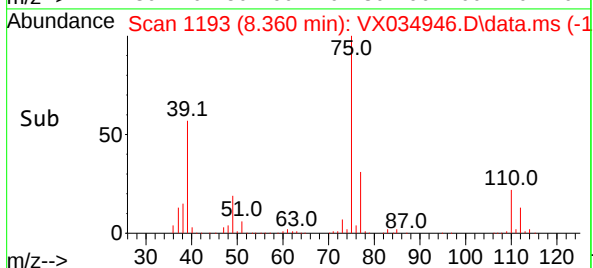
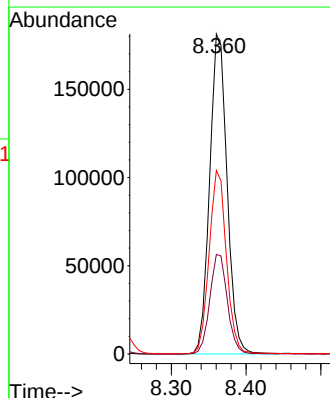
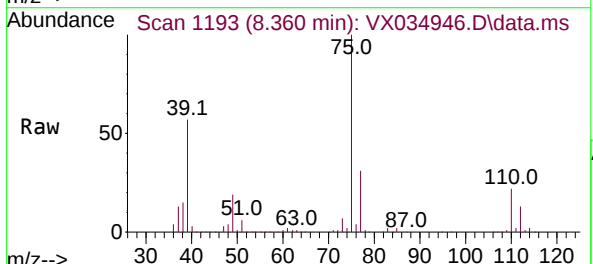
Tgt Ion: 75 Resp: 294606

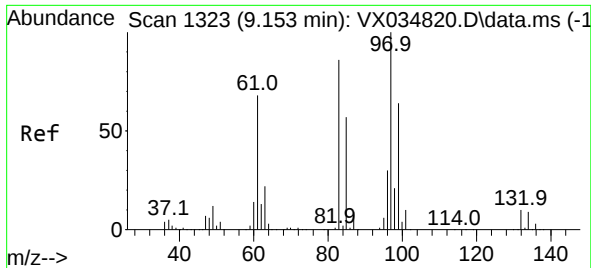
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

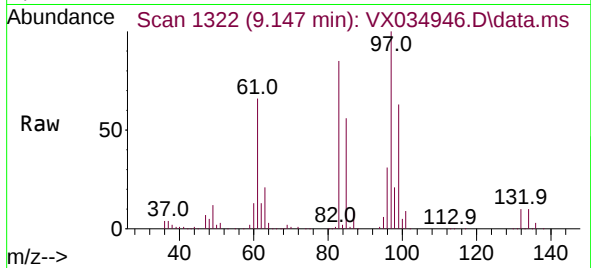
39 57.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.294 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

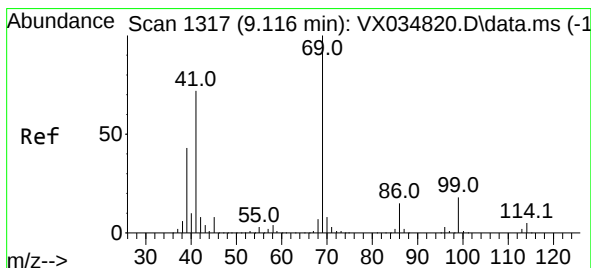
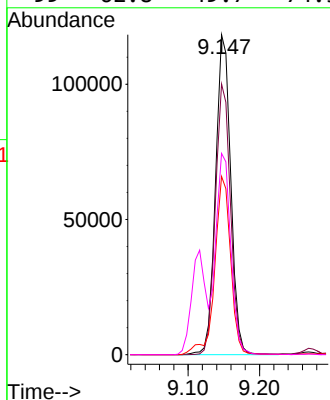
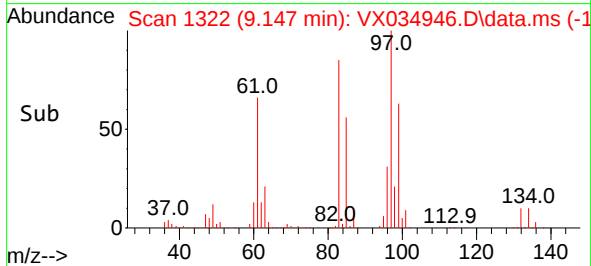
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



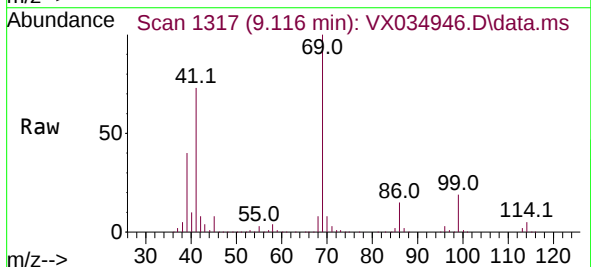
Tgt Ion: 97 Resp: 174580
Ion Ratio Lower Upper
97 100
83 84.6 69.7 104.5
85 55.7 43.7 65.5
99 62.8 49.7 74.5

Manual Integrations
APPROVED

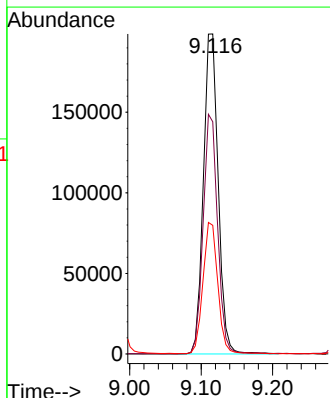
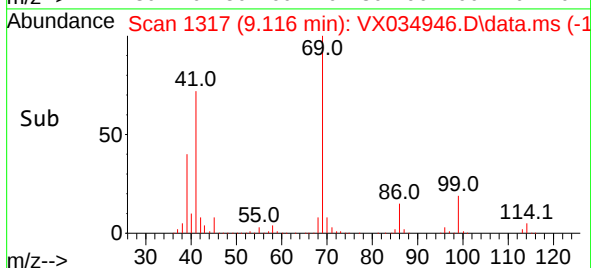
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

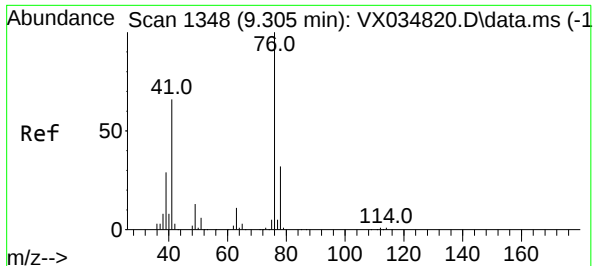


#56
Ethyl methacrylate
Concen: 54.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



Tgt Ion: 69 Resp: 286244
Ion Ratio Lower Upper
69 100
41 72.9 57.4 86.0
39 41.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 52.374 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 30966

Ion Ratio Lower Upper

76 100

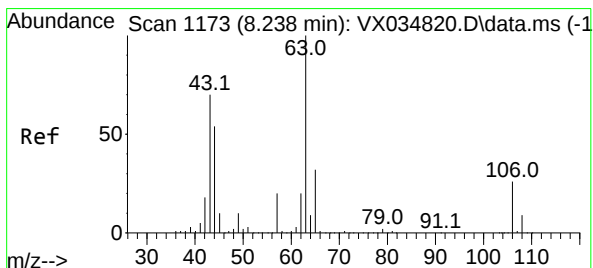
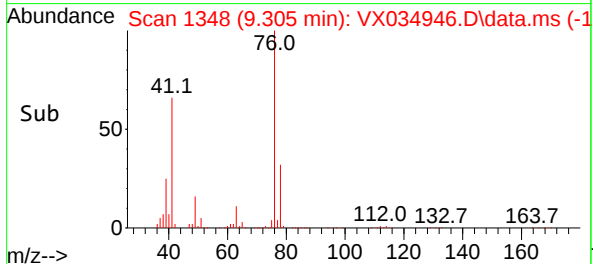
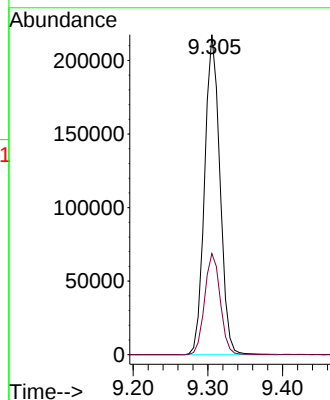
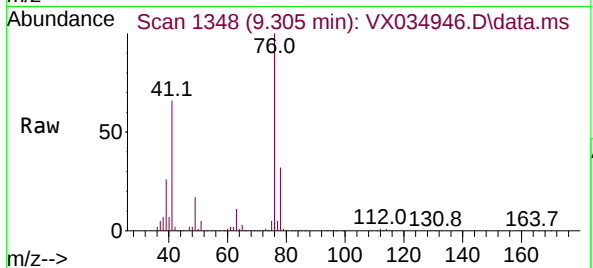
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.896 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034946.D

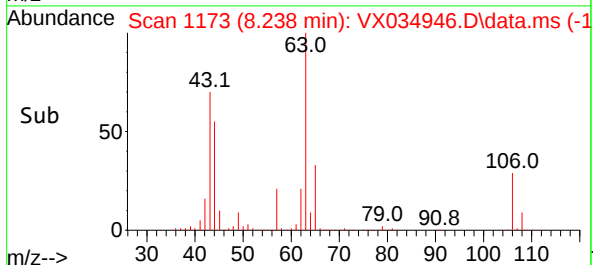
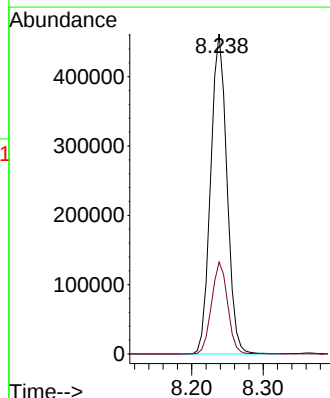
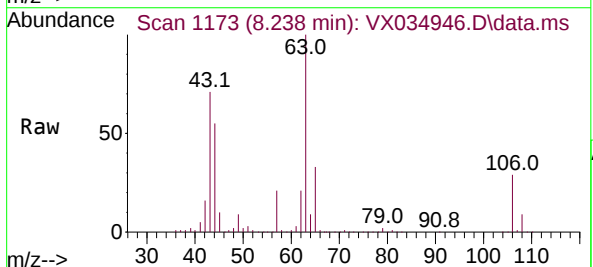
Acq: 05 Apr 2023 16:50

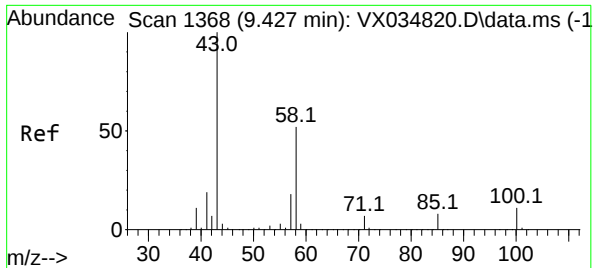
Tgt Ion: 63 Resp: 729490

Ion Ratio Lower Upper

63 100

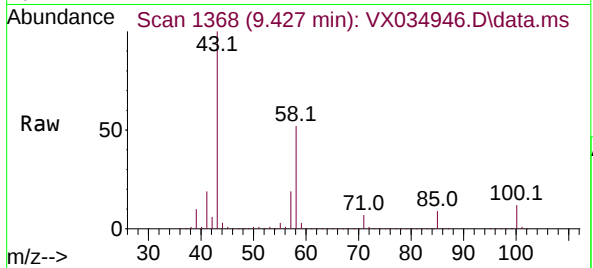
106 28.3 22.2 33.2





#59
2-Hexanone
Concen: 266.117 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

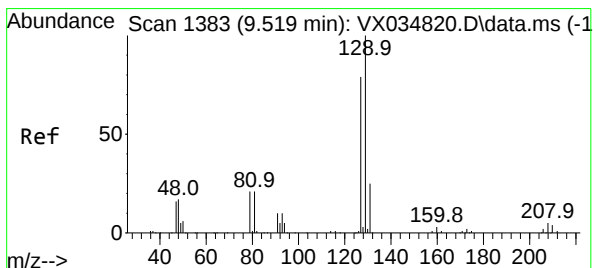
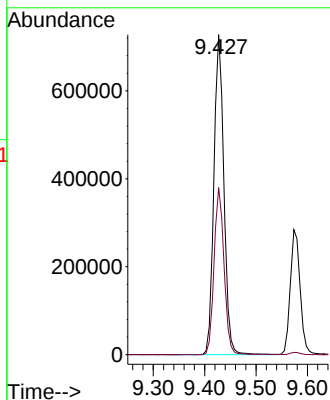
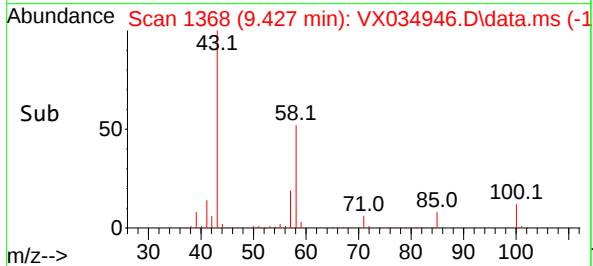
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 982110
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

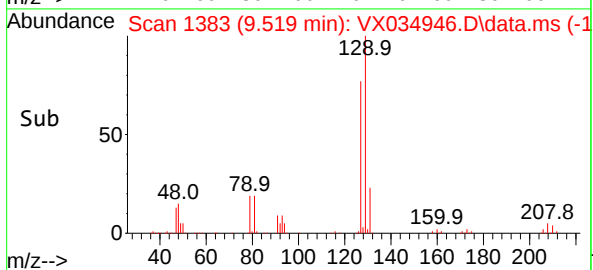
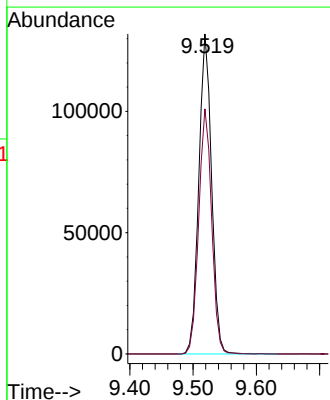
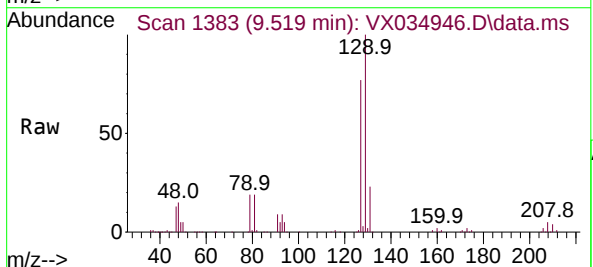
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 58.425 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

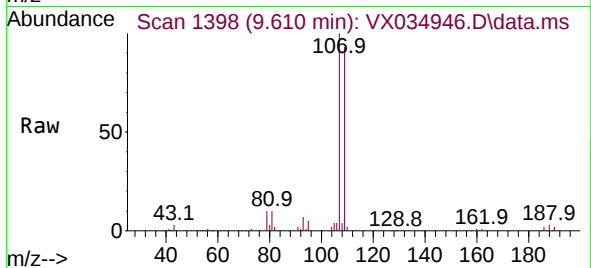
Tgt Ion:129 Resp: 185809
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 52.593 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

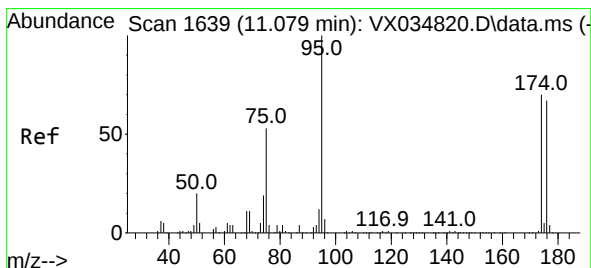
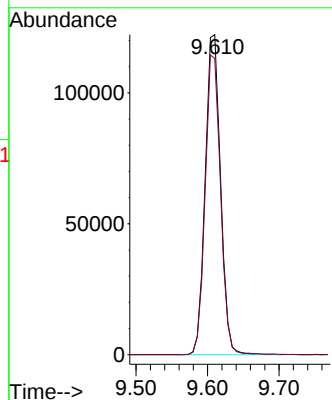
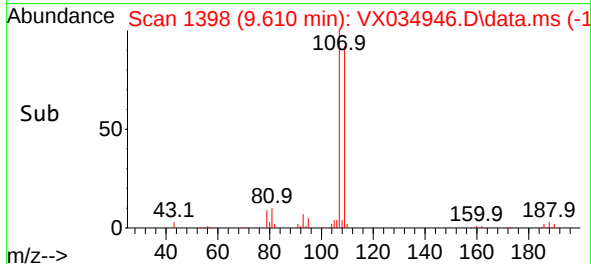
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



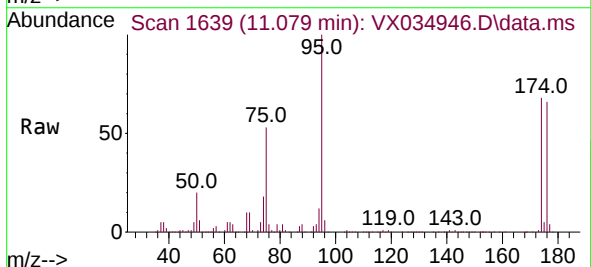
Tgt Ion:107 Resp: 18258
Ion Ratio Lower Upper
107 100
109 93.6 75.3 112.9

Manual Integrations
APPROVED

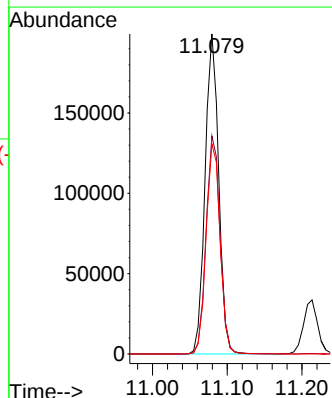
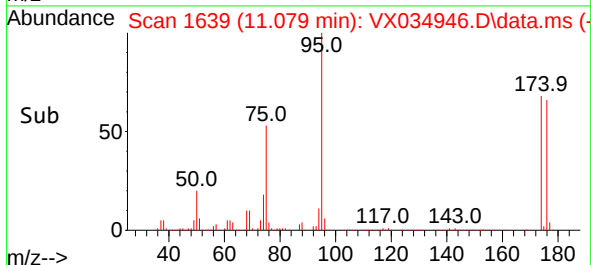
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

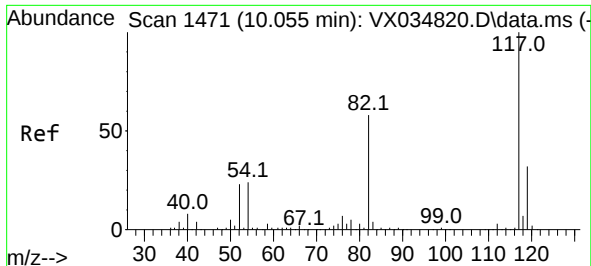


#62
4-Bromofluorobenzene
Concen: 55.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



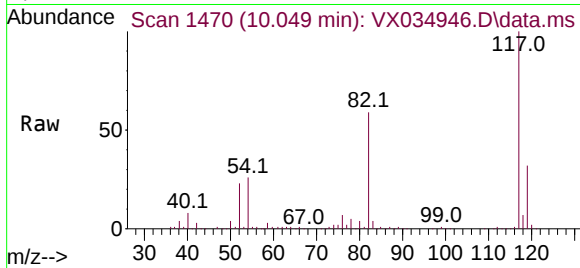
Tgt Ion: 95 Resp: 251440
Ion Ratio Lower Upper
95 100
174 69.8 0.0 147.4
176 67.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

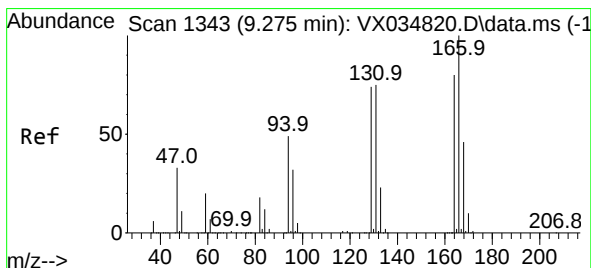
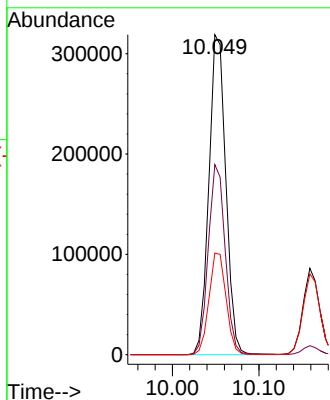
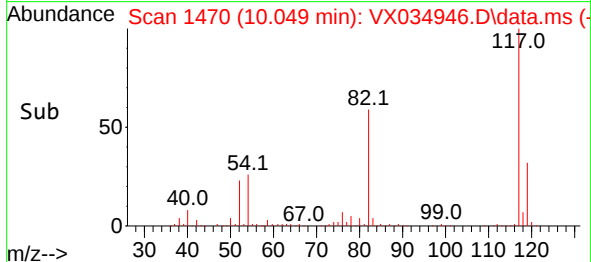
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 433698
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 31.8 26.0 39.0

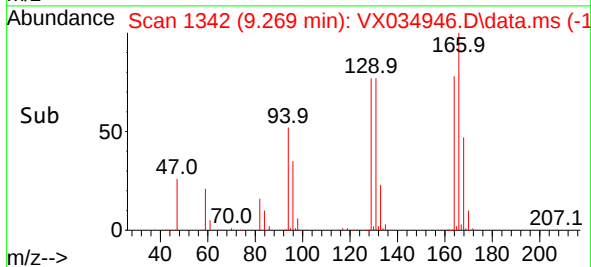
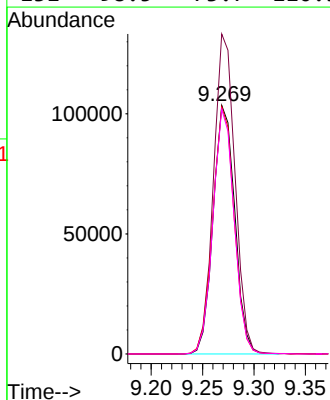
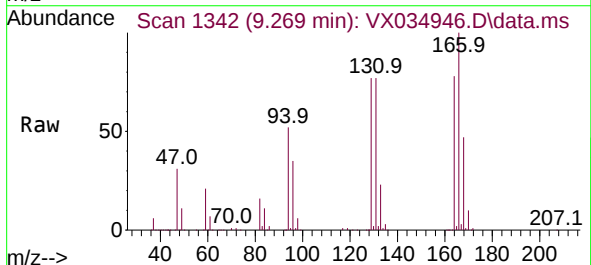
Manual Integrations
APPROVED

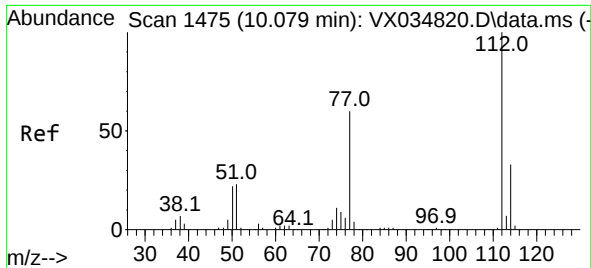
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#64
Tetrachloroethene
Concen: 48.747 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:164 Resp: 151298
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 99.3 75.6 113.4
131 98.5 73.7 110.5





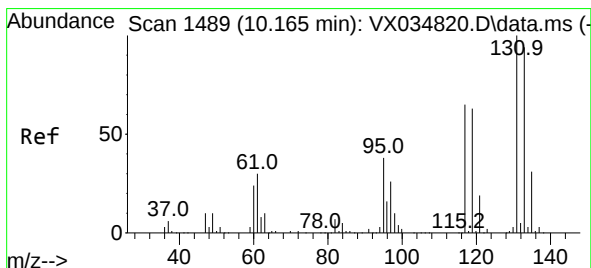
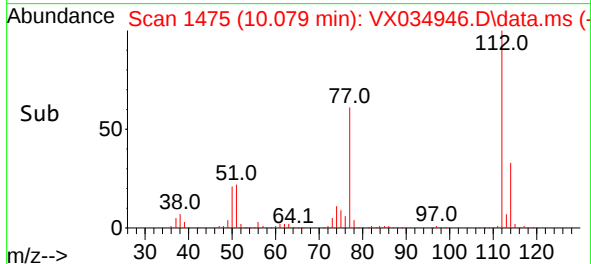
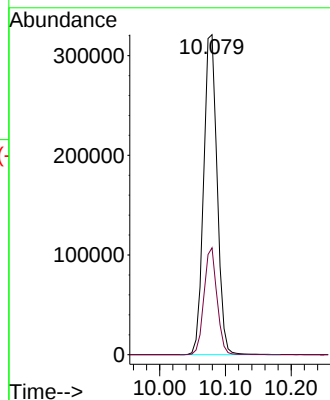
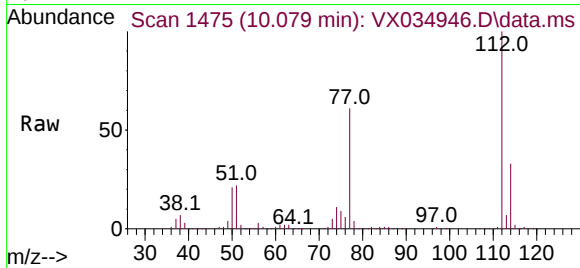
#65
Chlorobenzene
Concen: 50.784 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 45825
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2

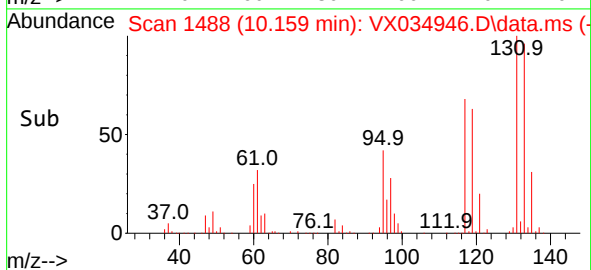
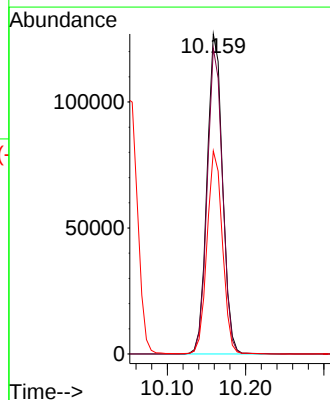
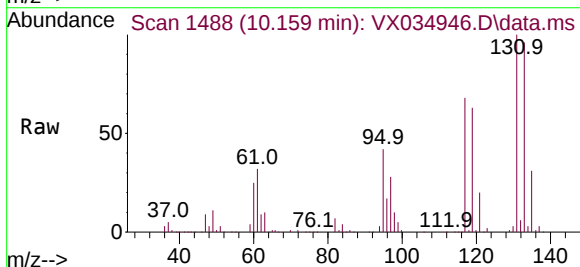
Manual Integrations
APPROVED

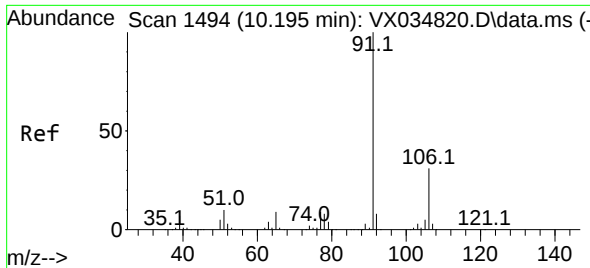
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.034 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

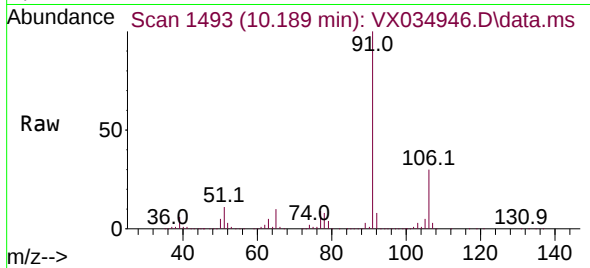
Tgt Ion:131 Resp: 173865
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 63.2 32.6 98.0





#67
Ethyl Benzene
Concen: 51.860 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

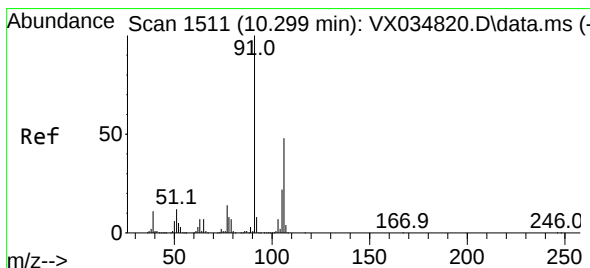
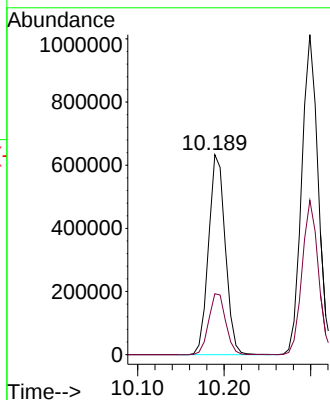
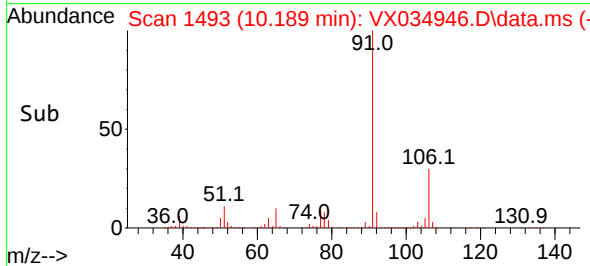
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 847744
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

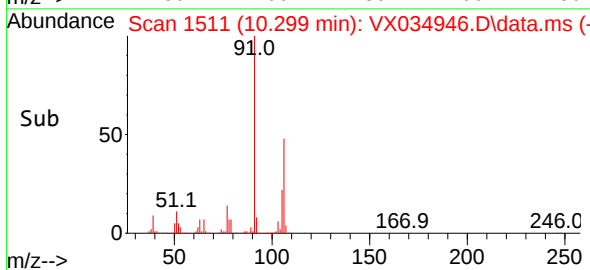
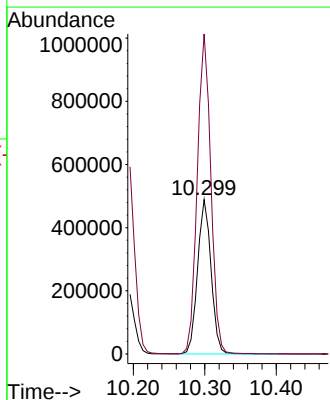
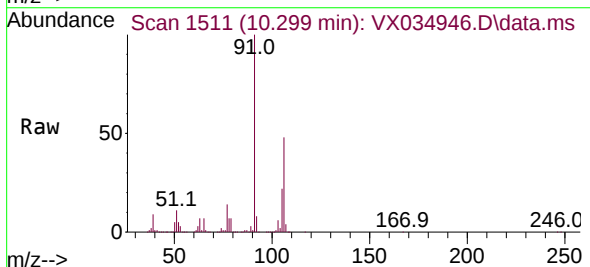
Manual Integrations
APPROVED

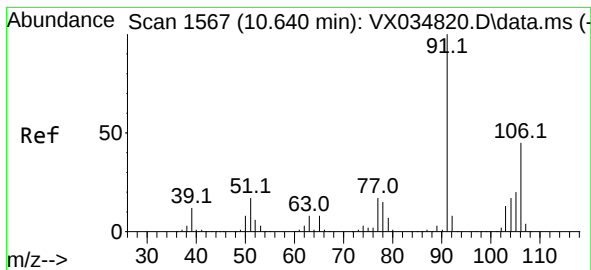
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#68
m/p-Xylenes
Concen: 102.234 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:106 Resp: 638379
Ion Ratio Lower Upper
106 100
91 209.6 164.0 246.0





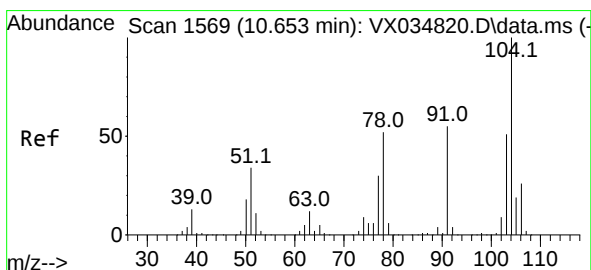
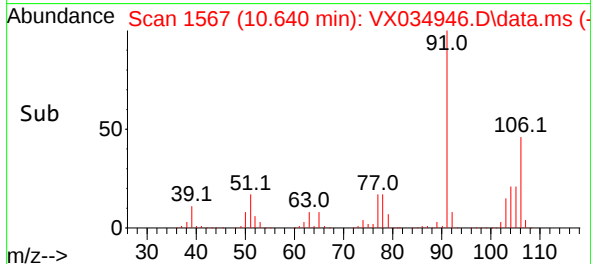
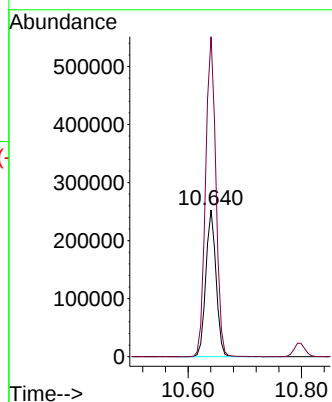
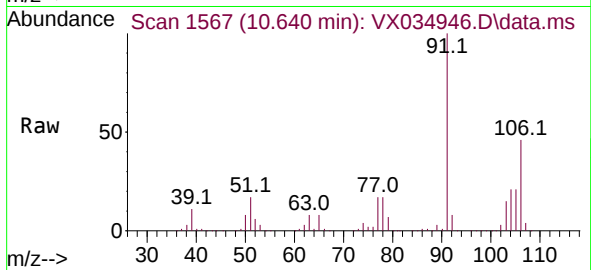
#69
o-Xylene
Concen: 51.563 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 315410
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.3

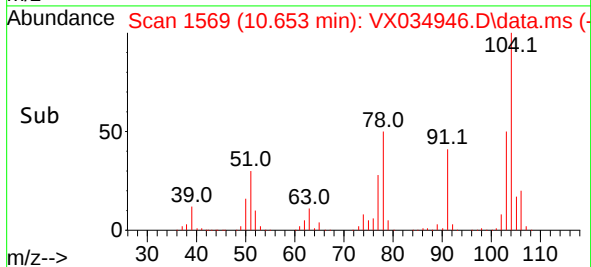
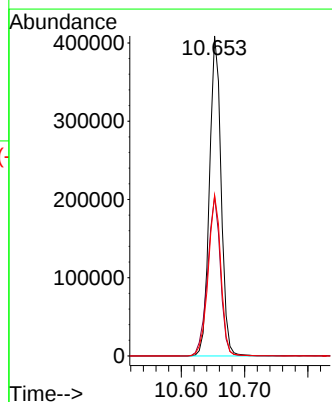
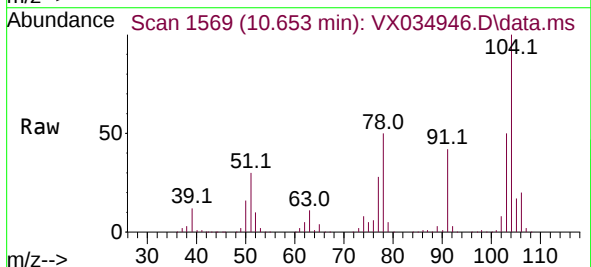
Manual Integrations
APPROVED

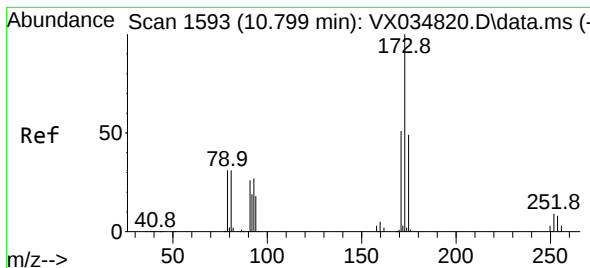
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 53.721 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:104 Resp: 524591
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 58.850 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 12419

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

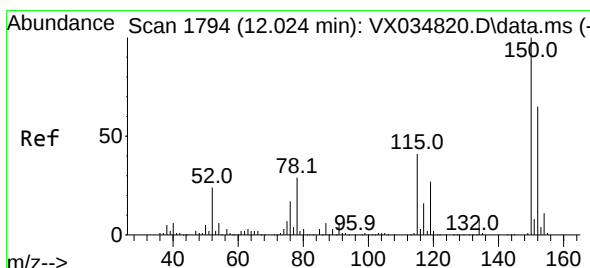
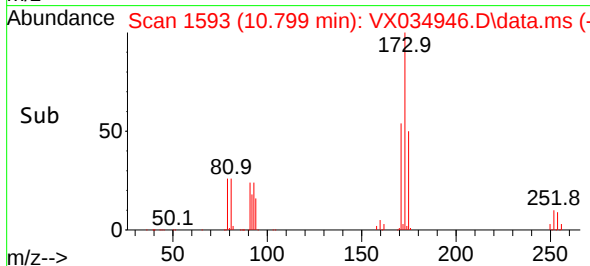
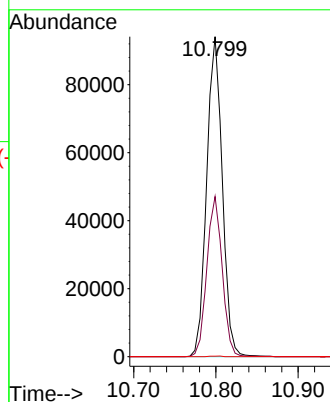
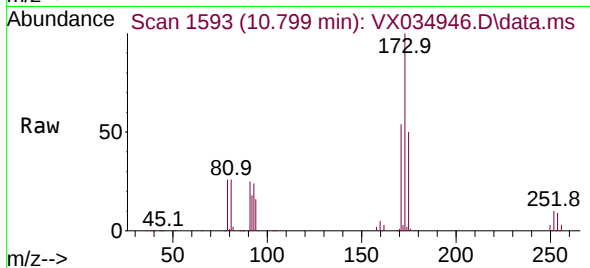
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

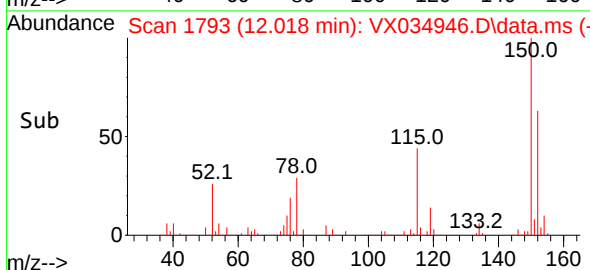
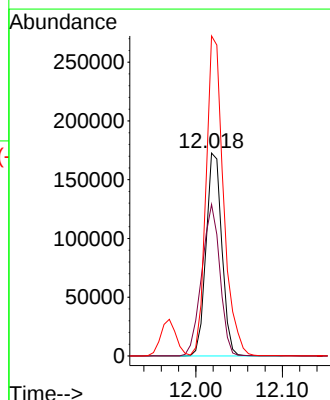
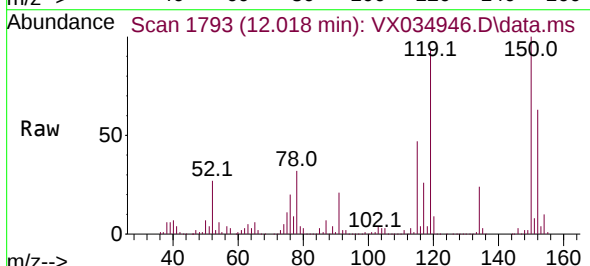
Tgt Ion:152 Resp: 218402

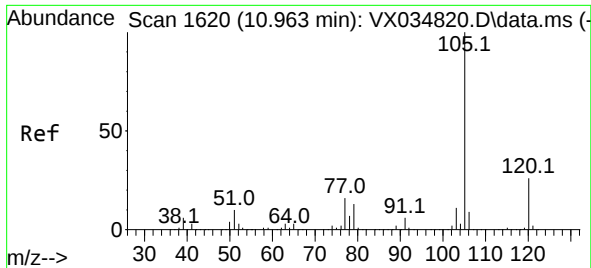
Ion Ratio Lower Upper

152 100

115 85.6 45.0 135.0

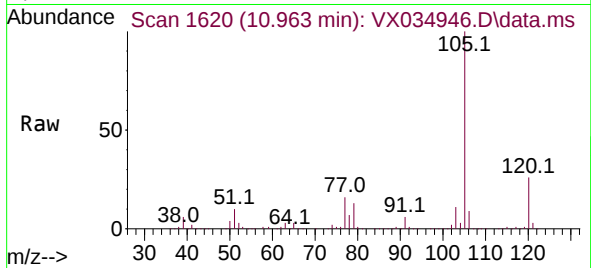
150 173.5 0.0 352.4





#73
Isopropylbenzene
Concen: 51.459 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

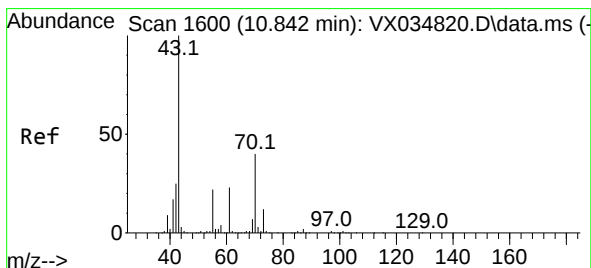
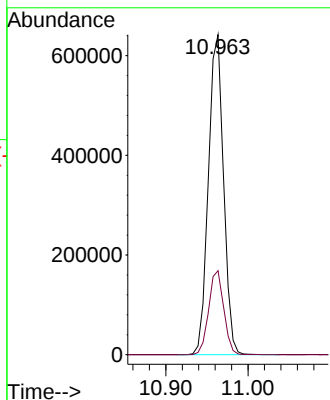
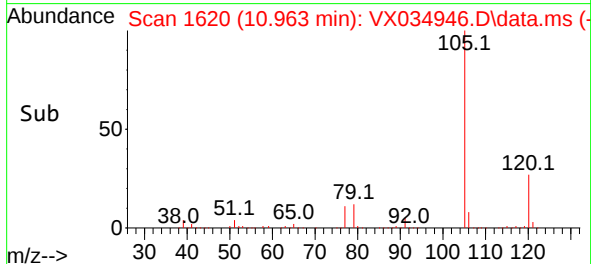
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



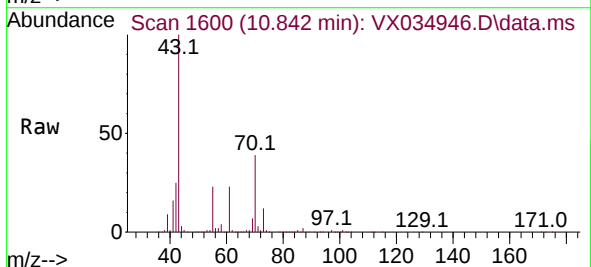
Tgt Ion:105 Resp: 823239
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
APPROVED

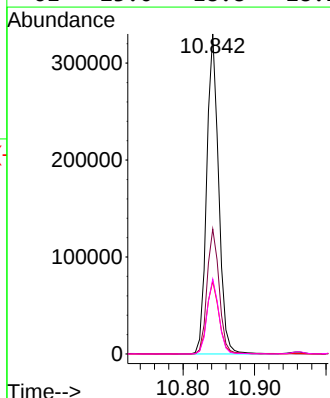
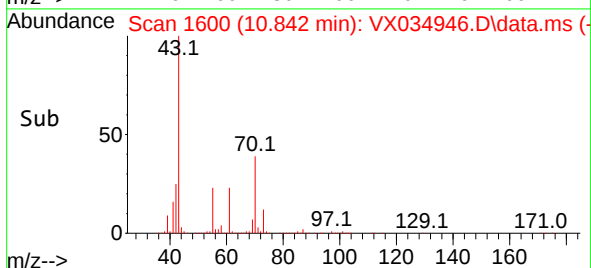
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

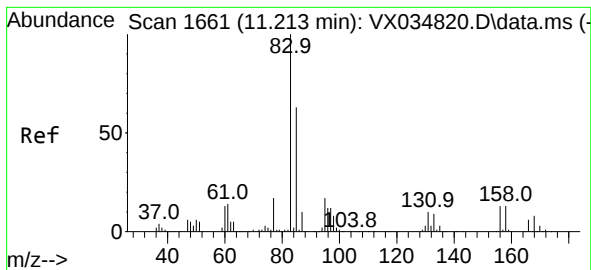


#74
N-ethyl acetate
Concen: 53.151 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



Tgt Ion: 43 Resp: 382314
Ion Ratio Lower Upper
43 100
70 39.7 32.1 48.1
55 23.4 18.3 27.5
61 23.0 18.8 28.2





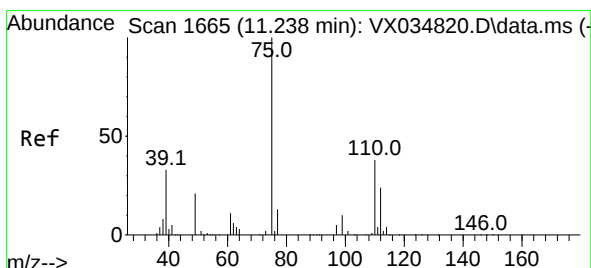
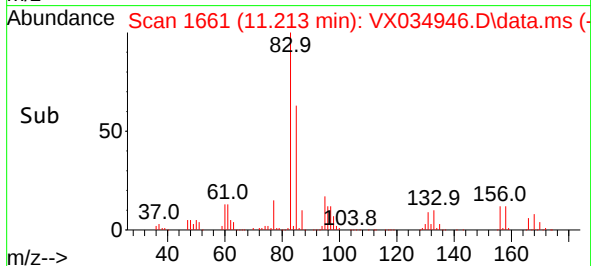
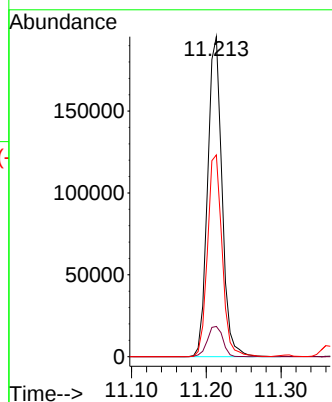
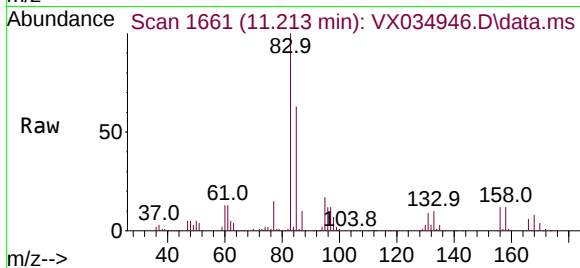
#75
1,1,2,2-Tetrachloroethane
Concen: 49.744 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 26082
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.0 32.0 96.0

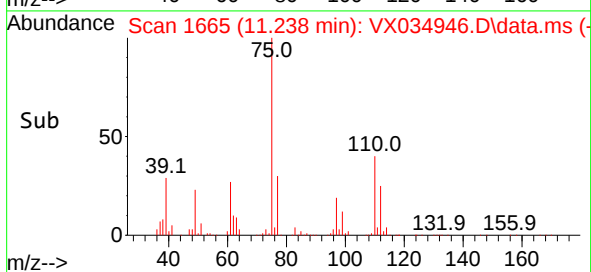
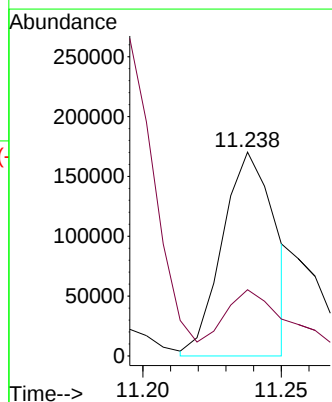
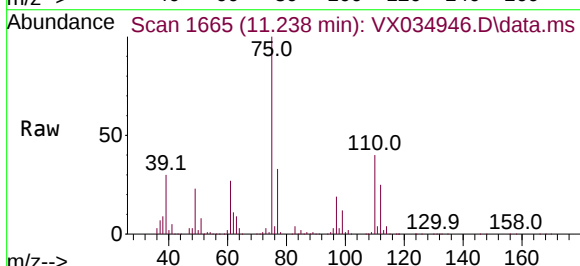
Manual Integrations
APPROVED

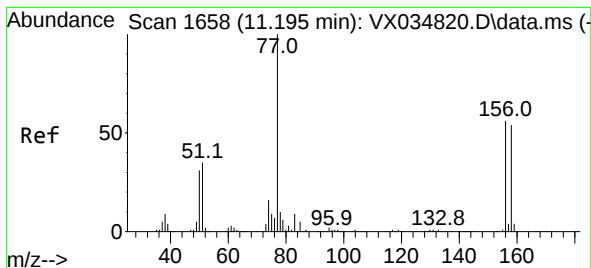
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#76
1,2,3-Trichloropropane
Concen: 51.208 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 75 Resp: 225348
Ion Ratio Lower Upper
75 100
77 41.7 21.6 64.8





#77

Bromobenzene

Concen: 48.966 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034946.D

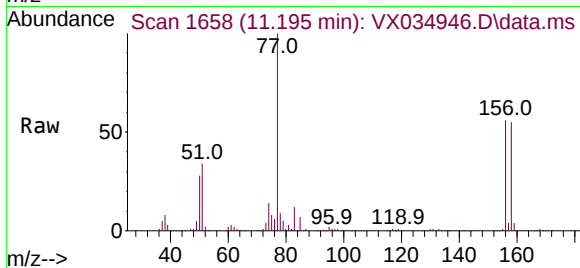
Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 19410

Ion Ratio Lower Upper

156 100

77 175.4 86.7 259.9

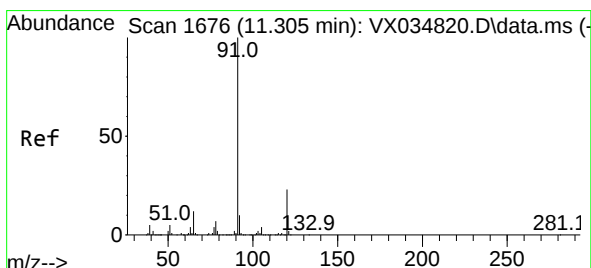
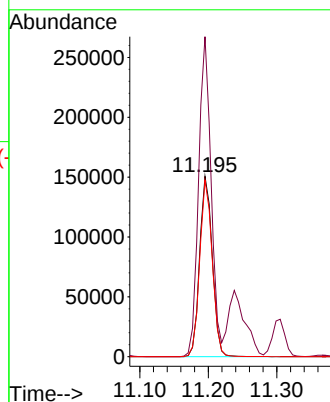
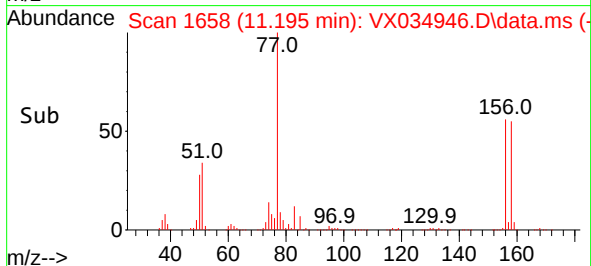
158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#78

n-propylbenzene

Concen: 51.569 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034946.D

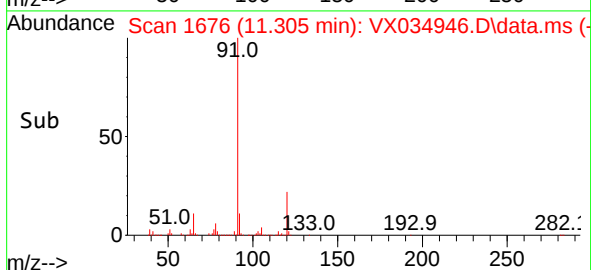
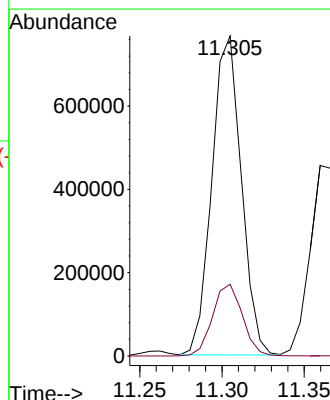
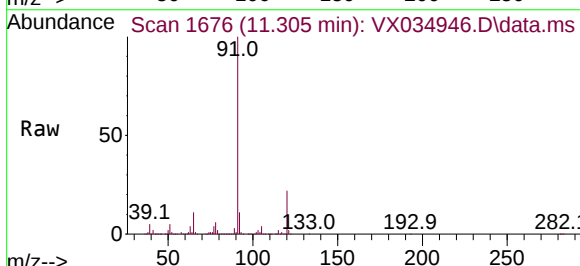
Acq: 05 Apr 2023 16:50

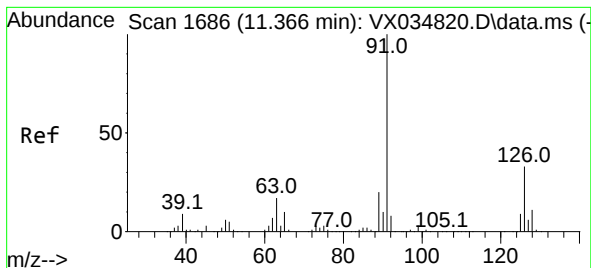
Tgt Ion: 91 Resp: 953042

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





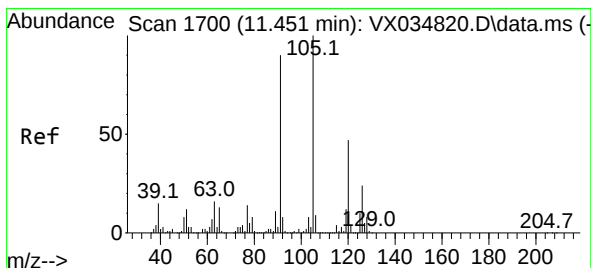
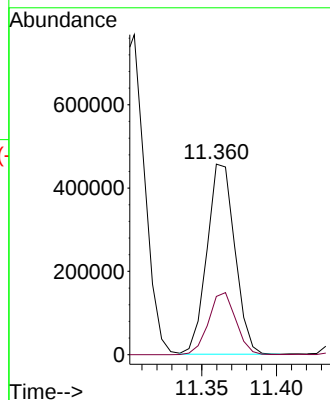
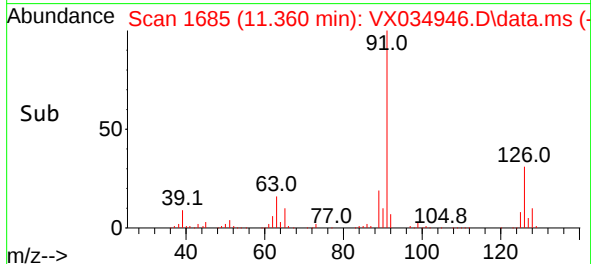
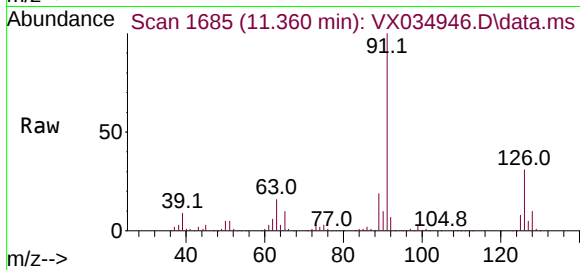
#79
2-Chlorotoluene
Concen: 50.823 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 59302
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.9

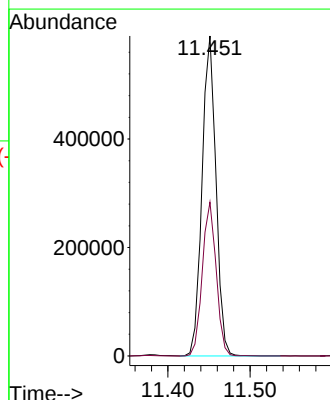
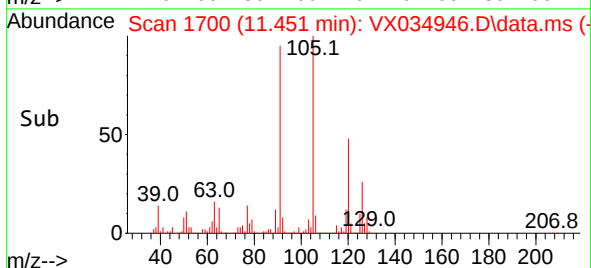
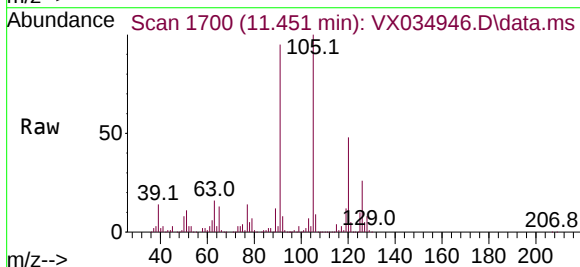
Manual Integrations
APPROVED

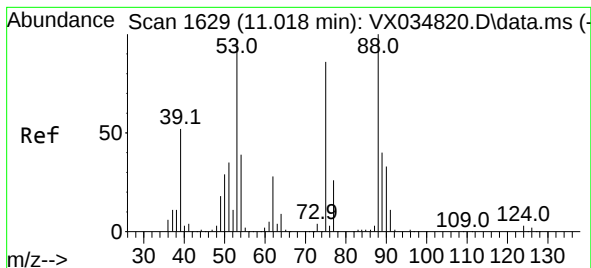
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.753 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:105 Resp: 692256
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





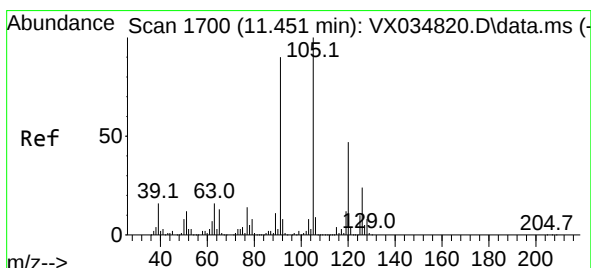
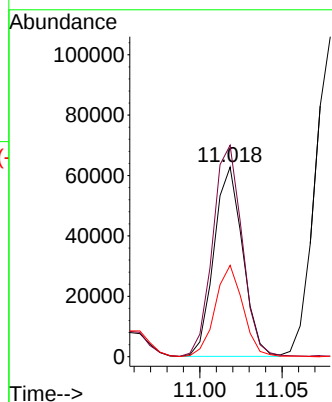
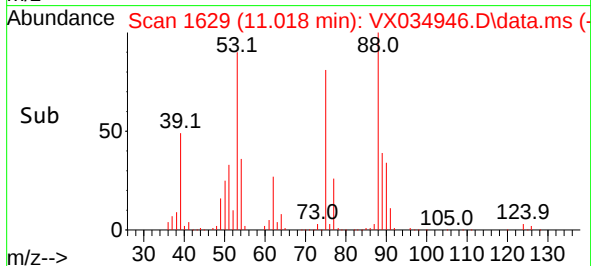
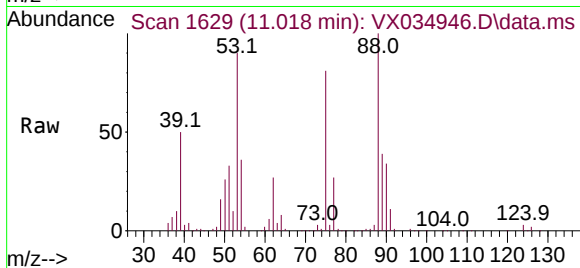
#81
trans-1,4-Dichloro-2-butene
Concen: 52.069 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7645
Ion Ratio Lower Upper
75 100
53 113.9 82.6 124.0
89 46.6 36.9 55.3

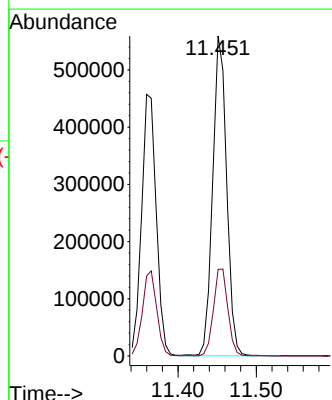
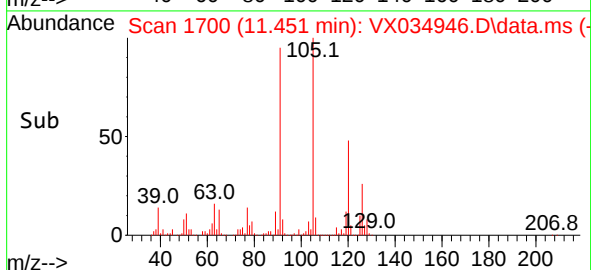
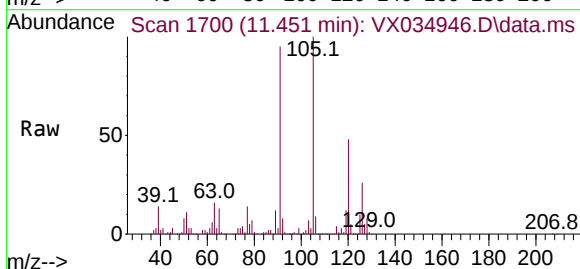
Manual Integrations
APPROVED

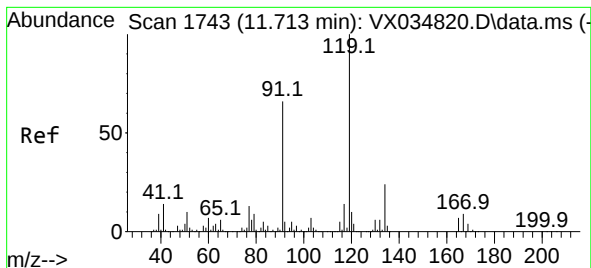
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 50.932 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion: 91 Resp: 690139
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.772 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 662849

Ion Ratio Lower Upper

119 100

91 61.6 30.6 92.0

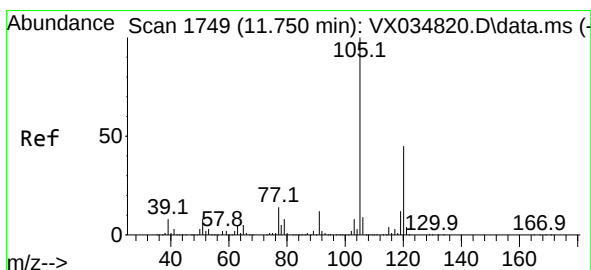
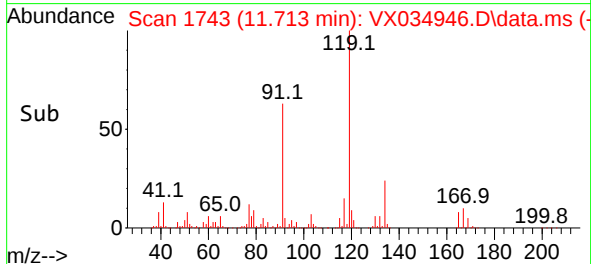
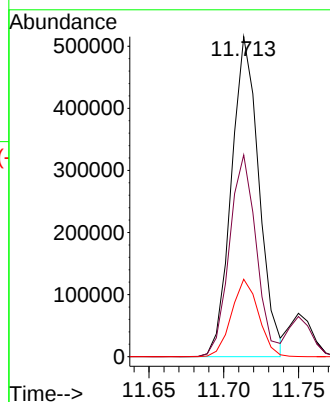
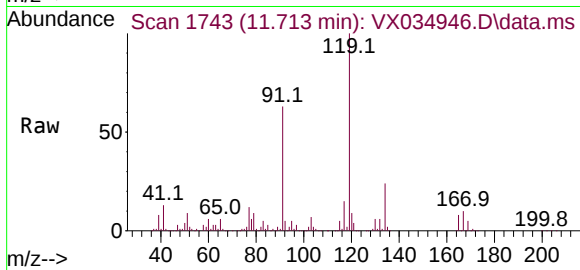
134 23.6 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.362 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034946.D

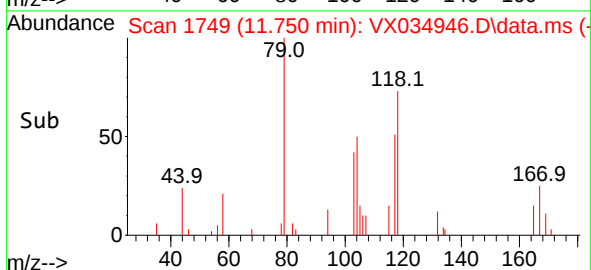
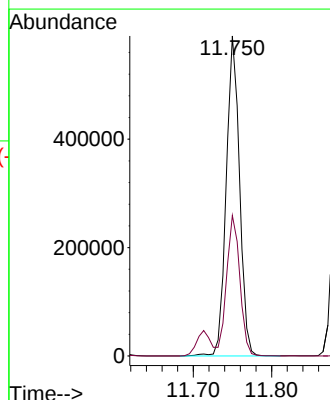
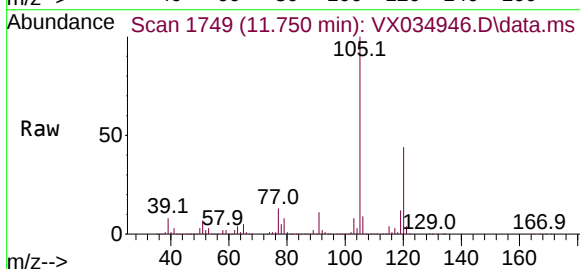
Acq: 05 Apr 2023 16:50

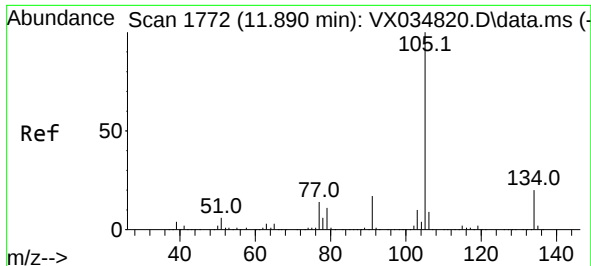
Tgt Ion:105 Resp: 698661

Ion Ratio Lower Upper

105 100

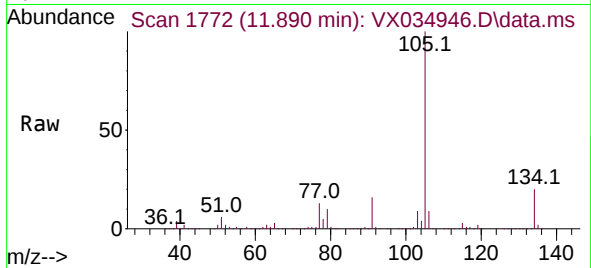
120 43.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 52.394 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50

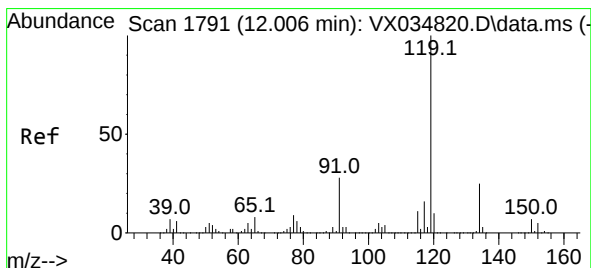
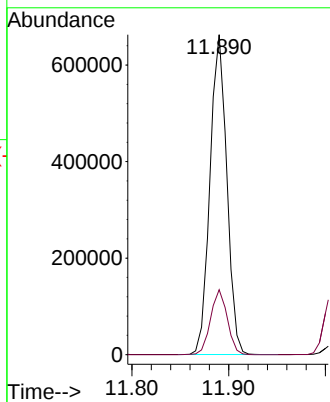
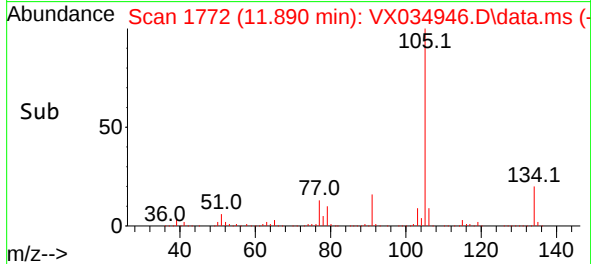
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



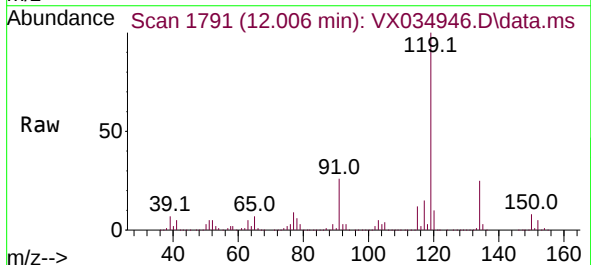
Tgt Ion:105 Resp: 800628
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
 APPROVED

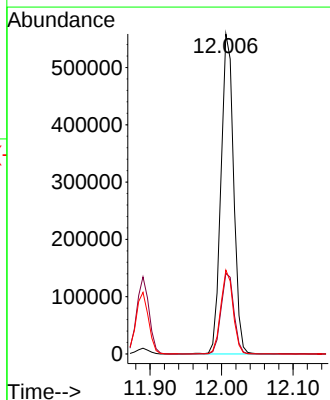
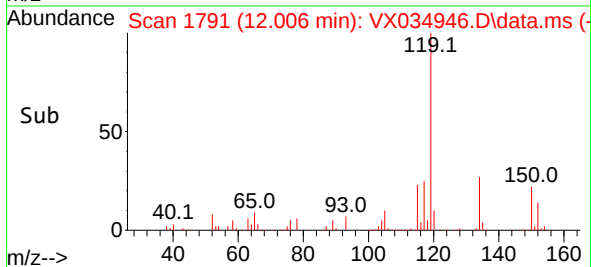
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

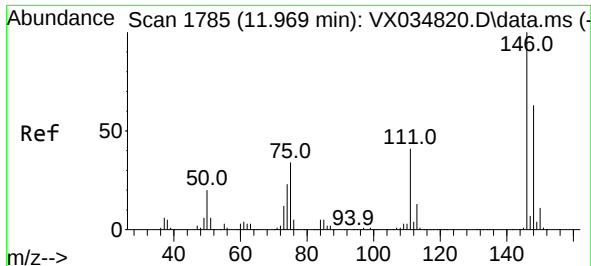


#86
 p-Isopropyltoluene
 Concen: 53.957 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034946.D
 Acq: 05 Apr 2023 16:50



Tgt Ion:119 Resp: 687512
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 51.478 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034946.D

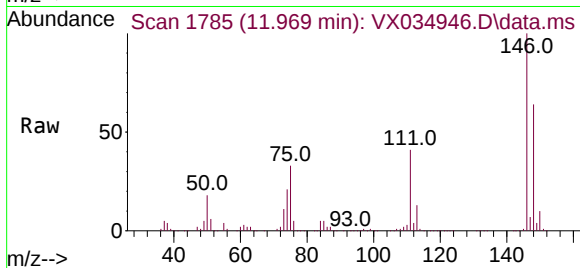
Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



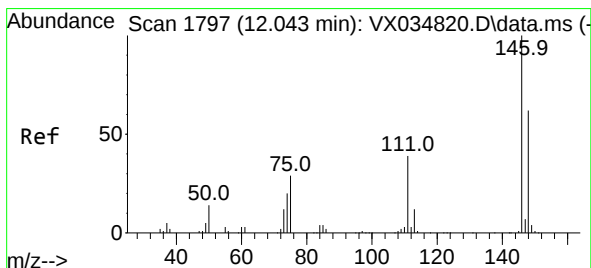
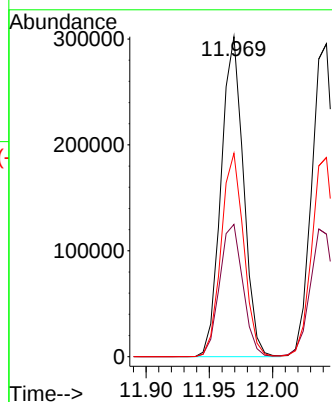
Tgt Ion:146	Resp:	371624
Ion Ratio	Lower	Upper
146	100	
111	43.1	20.9 62.8
148	64.1	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#88

1,4-Dichlorobenzene

Concen: 49.824 ug/l

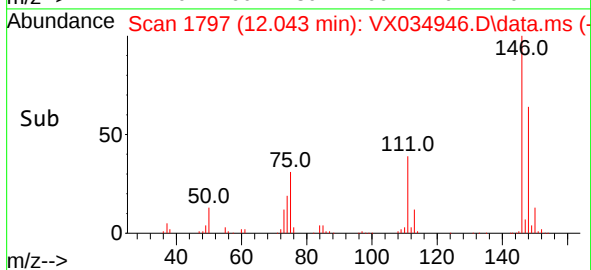
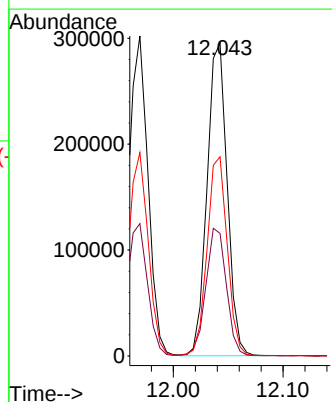
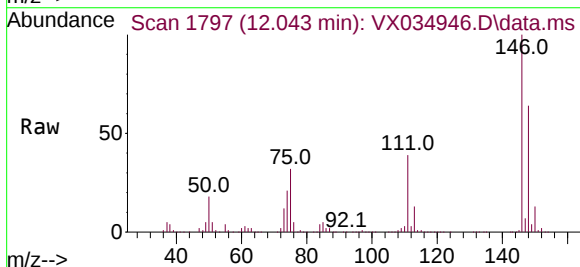
RT: 12.043 min Scan# 1797

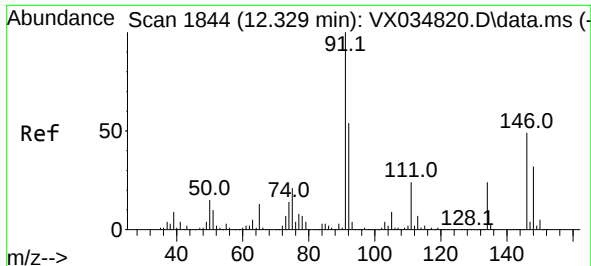
Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion:146	Resp:	375666
Ion Ratio	Lower	Upper
146	100	
111	41.9	20.6 61.9
148	64.1	31.8 95.4





#89

n-Butylbenzene

Concen: 53.471 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 59527

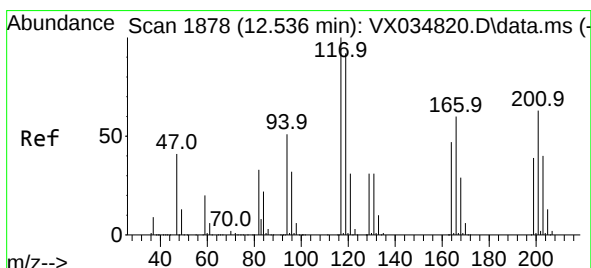
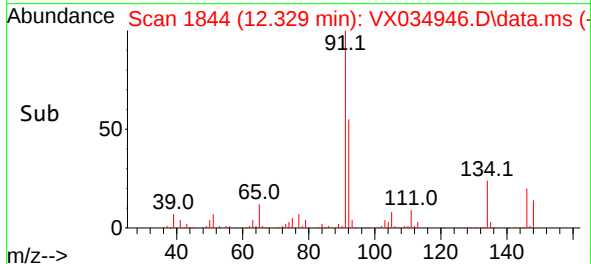
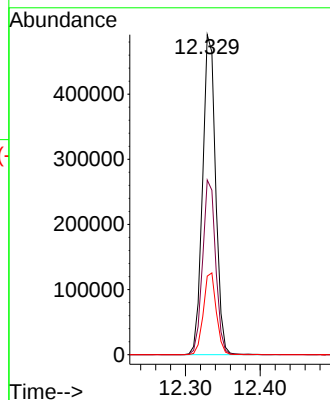
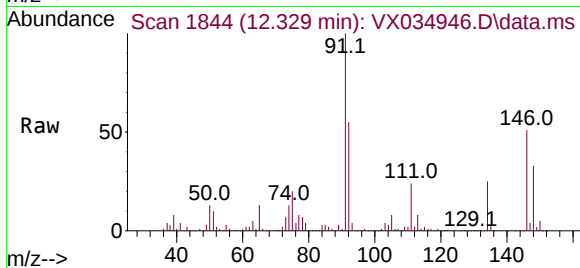
Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.7	83.0
134	25.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#90

Hexachloroethane

Concen: 56.600 ug/l

RT: 12.536 min Scan# 1878

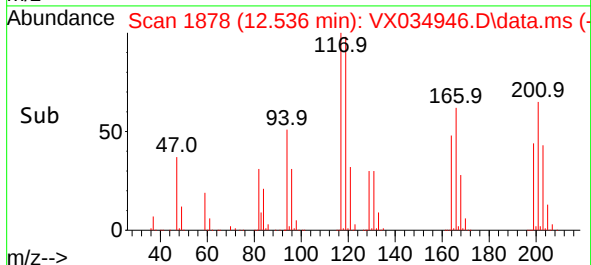
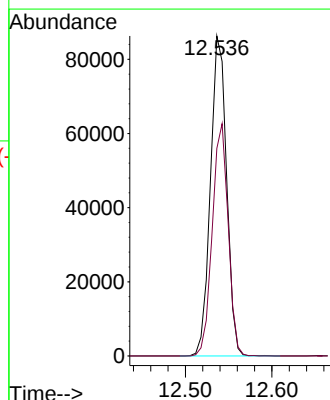
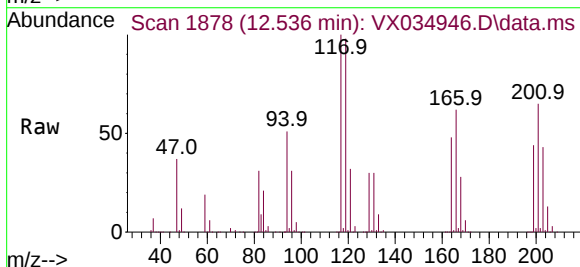
Delta R.T. 0.000 min

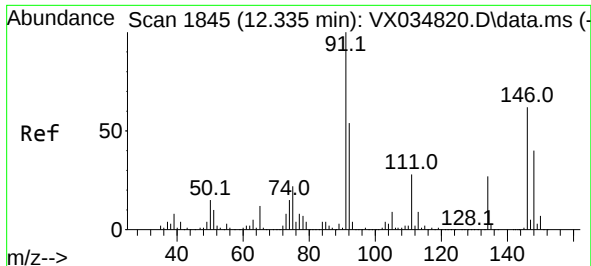
Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Tgt Ion:117 Resp: 111739

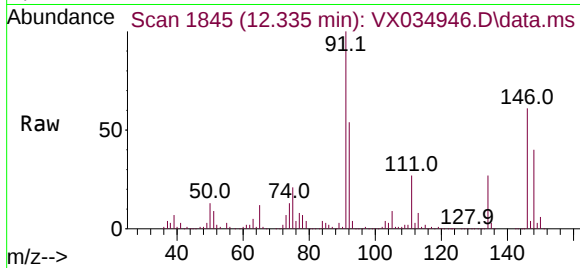
Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 50.333 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

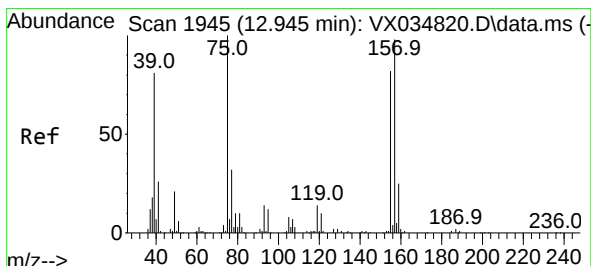
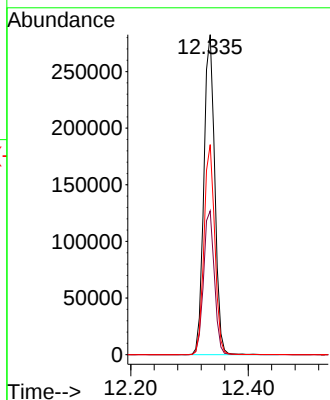
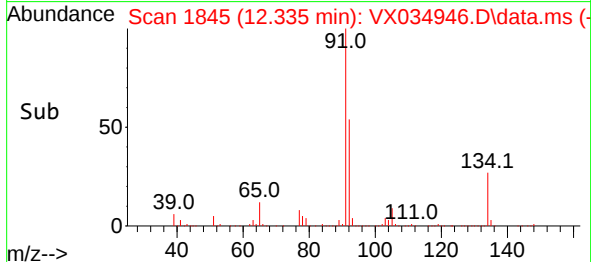
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



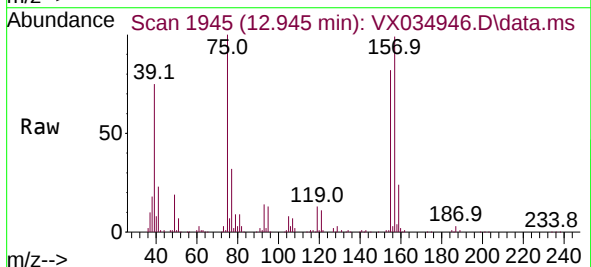
Tgt Ion:146 Resp: 363908
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 64.7 32.0 96.0

Manual Integrations
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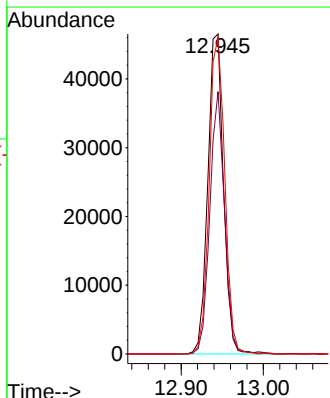
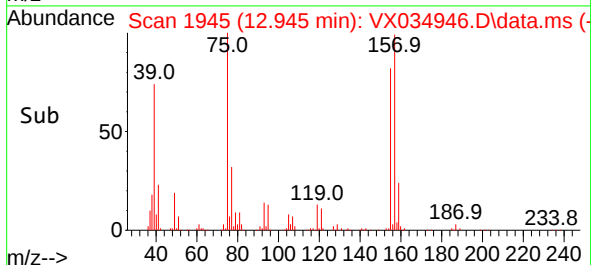
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

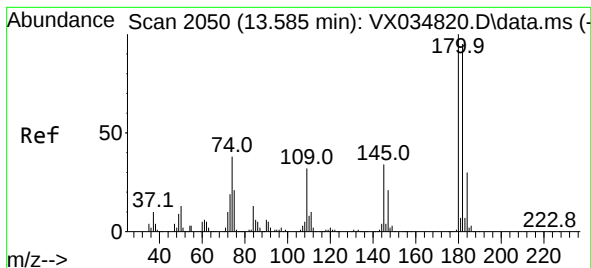


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.255 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50



Tgt Ion: 75 Resp: 61568
Ion Ratio Lower Upper
75 100
155 77.0 38.4 115.1
157 98.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 54.043 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

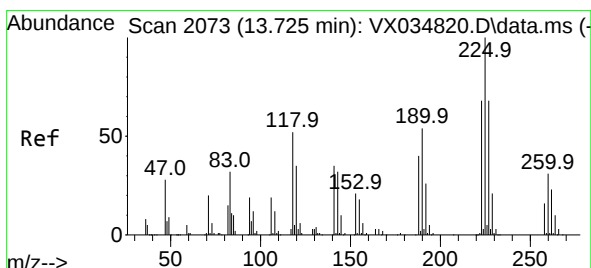
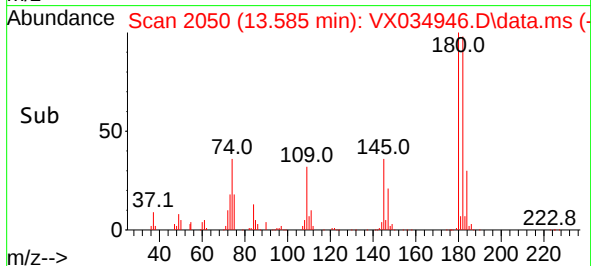
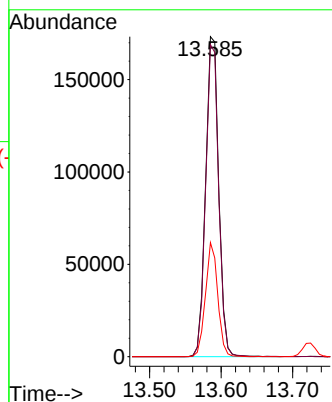
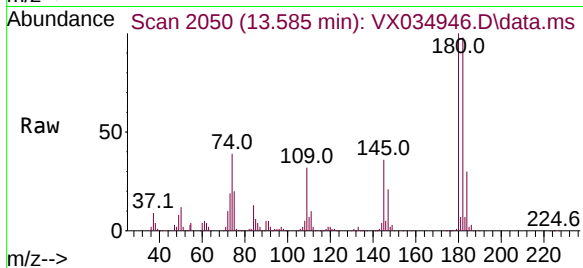
Tgt Ion:180	Resp:	220994
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.0 141.0
145	33.5	15.9 47.7

Manual Integrations

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Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 49.812 ug/l

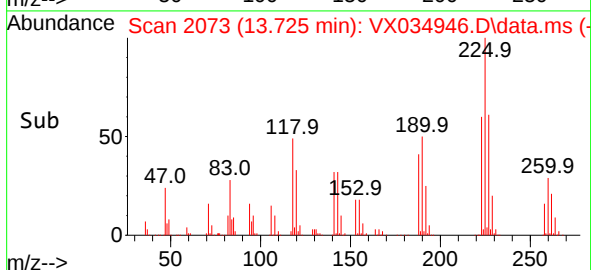
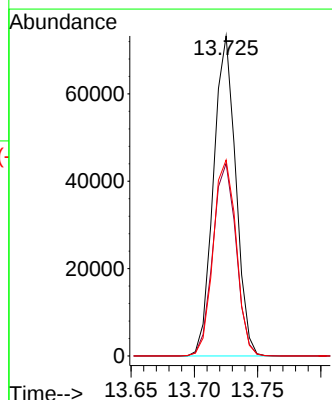
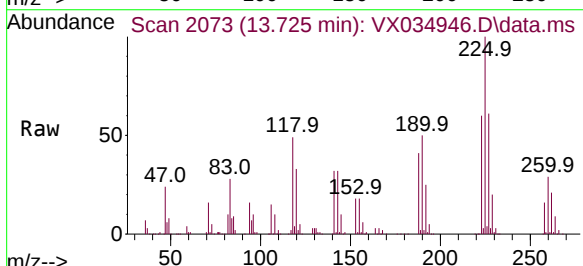
RT: 13.725 min Scan# 2073

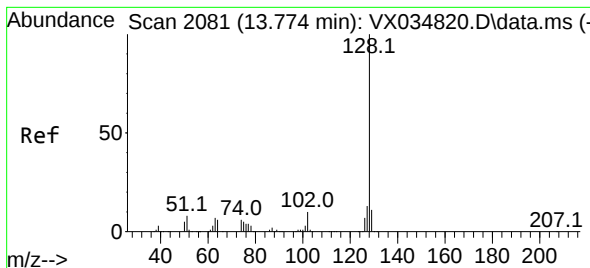
Delta R.T. 0.000 min

Lab File: VX034946.D

Acq: 05 Apr 2023 16:50

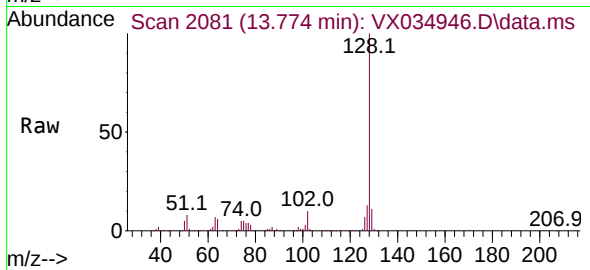
Tgt Ion:225	Resp:	89589
Ion Ratio	Lower	Upper
225	100	
223	62.7	32.1 96.5
227	63.4	31.8 95.4





#95
Naphthalene
Concen: 53.460 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

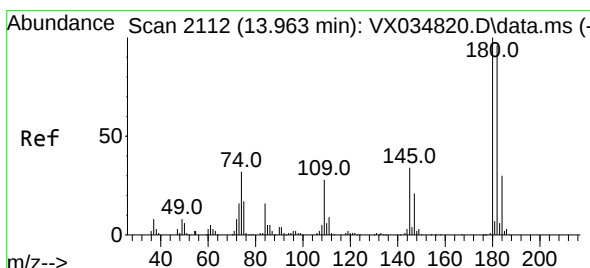
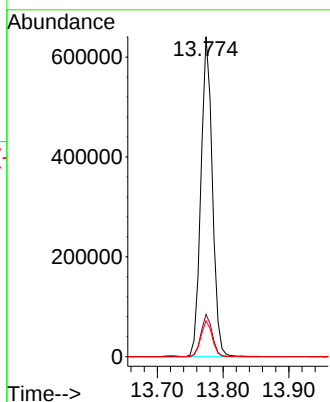
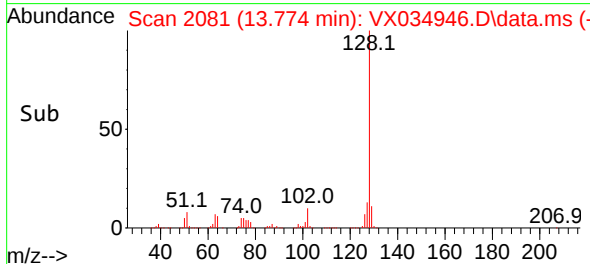
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 776770
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.962 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034946.D
Acq: 05 Apr 2023 16:50

Tgt Ion:180 Resp: 222528
Ion Ratio Lower Upper
180 100
182 93.5 48.0 144.2
145 34.0 17.7 53.1

