

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038315.D
 Acq On : 16 Oct 2023 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2023
 Supervised By : Mahesh Dadoda 10/18/2023

Quant Time: Oct 17 01:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	137532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108085	48.860	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	88424	50.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	8.646	98	332587	50.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.280%		
62) 4-Bromofluorobenzene	11.079	95	135877	54.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64590	48.654	ug/l	100
3) Chloromethane	1.294	50	68100	50.331	ug/l	99
4) Vinyl Chloride	1.373	62	90810	60.533	ug/l	99
5) Bromomethane	1.593	94	104868	53.281	ug/l	99
6) Chloroethane	1.684	64	64627	58.010	ug/l	96
7) Trichlorofluoromethane	1.885	101	171575	57.902	ug/l	99
8) Diethyl Ether	2.129	74	58531	52.963	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.330	101	70212	54.277	ug/l	98
10) Methyl Iodide	2.452	142	93951	50.477	ug/l	96
11) Tert butyl alcohol	2.958	59	94286	190.442	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	68380	54.343	ug/l	89
13) Acrolein	2.233	56	75978	241.602	ug/l	99
14) Allyl chloride	2.666	41	107946	47.961	ug/l	94
15) Acrylonitrile	3.062	53	242923	241.309	ug/l	99
16) Acetone	2.373	43	222228	240.709	ug/l	93
17) Carbon Disulfide	2.513	76	175976	48.523	ug/l	99
18) Methyl Acetate	2.702	43	195743	49.441	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	244881	48.864	ug/l	98
20) Methylene Chloride	2.788	84	81466	46.912	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	80286	51.532	ug/l	90
22) Diisopropyl ether	3.757	45	236303	50.095	ug/l	94
23) Vinyl Acetate	3.720	43	865467	250.189	ug/l	95
24) 1,1-Dichloroethane	3.611	63	138656	48.435	ug/l	99
25) 2-Butanone	4.550	43	362052	243.053	ug/l	91
26) 2,2-Dichloropropane	4.483	77	101024	45.200	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	94909	51.150	ug/l	89
28) Bromochloromethane	4.897	49	65853	50.958	ug/l	86
29) Tetrahydrofuran	5.001	42	232786	240.030	ug/l #	87
30) Chloroform	5.092	83	166764	53.272	ug/l	94
31) Cyclohexane	5.470	56	120208	50.156	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	141035	52.599	ug/l	99
36) 1,1-Dichloropropene	5.696	75	117514	49.096	ug/l	97
37) Ethyl Acetate	4.714	43	133694	47.031	ug/l	96
38) Carbon Tetrachloride	5.677	117	121177	51.463	ug/l	97
39) Methylcyclohexane	7.384	83	142511	50.831	ug/l	92
40) Benzene	6.037	78	342846	51.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	69388	49.068	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	133543	49.927	ug/l	99
43) Isopropyl Acetate	6.336	43	203910	48.051	ug/l #	96
44) Trichloroethene	7.128	130	93233	53.246	ug/l	96
45) 1,2-Dichloropropane	7.427	63	88363	50.998	ug/l	99
46) Dibromomethane	7.580	93	69607	51.796	ug/l	96
47) Bromodichloromethane	7.817	83	128321	53.676	ug/l	98
48) Methyl methacrylate	7.689	41	101598	50.151	ug/l #	84
49) 1,4-Dioxane	7.659	88	43716	875.701	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	744937	254.498	ug/l	96
52) Toluene	8.720	92	230862	52.939	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	133668	52.089	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	140394	52.073	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	98560	52.839	ug/l	96
56) Ethyl methacrylate	9.116	69	148210	51.823	ug/l	92
57) 1,3-Dichloropropane	9.311	76	155757	51.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	297053	211.604	ug/l	99
59) 2-Hexanone	9.427	43	598949	254.530	ug/l	94
60) Dibromochloromethane	9.518	129	102718	56.266	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108152	53.617	ug/l	98
64) Tetrachloroethene	9.274	164	82636	53.178	ug/l	94
65) Chlorobenzene	10.079	112	257350	51.235	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	93982	55.332	ug/l	99
67) Ethyl Benzene	10.195	91	465125	51.877	ug/l	99
68) m/p-Xylenes	10.299	106	363366	104.813	ug/l	98
69) o-Xylene	10.640	106	178050	52.622	ug/l	99
70) Styrene	10.652	104	304081	55.185	ug/l	96
71) Bromoform	10.798	173	77973	49.515	ug/l #	99
73) Isopropylbenzene	10.963	105	474277	50.625	ug/l	98
74) N-amyl acetate	10.841	43	195369	48.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	175218	50.970	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	158996m	50.065	ug/l	
77) Bromobenzene	11.195	156	117507	51.376	ug/l	90
78) n-propylbenzene	11.304	91	569410	49.708	ug/l	100
79) 2-Chlorotoluene	11.365	91	334664	49.263	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	414983	51.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46000	42.916	ug/l	93
82) 4-Chlorotoluene	11.451	91	397283	49.420	ug/l	97
83) tert-Butylbenzene	11.713	119	404780	51.254	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	412068	51.134	ug/l	98
85) sec-Butylbenzene	11.890	105	525066	51.324	ug/l	100
86) p-Isopropyltoluene	12.012	119	429370	50.870	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227986	49.627	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	232881	49.654	ug/l	98
89) n-Butylbenzene	12.335	91	404130	48.076	ug/l	96
90) Hexachloroethane	12.536	117	73505	52.524	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	221973	50.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	40524	48.756	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	140019	47.275	ug/l	97
94) Hexachlorobutadiene	13.725	225	58650	49.200	ug/l	99
95) Naphthalene	13.774	128	486331	47.151	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137122	47.814	ug/l	98

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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

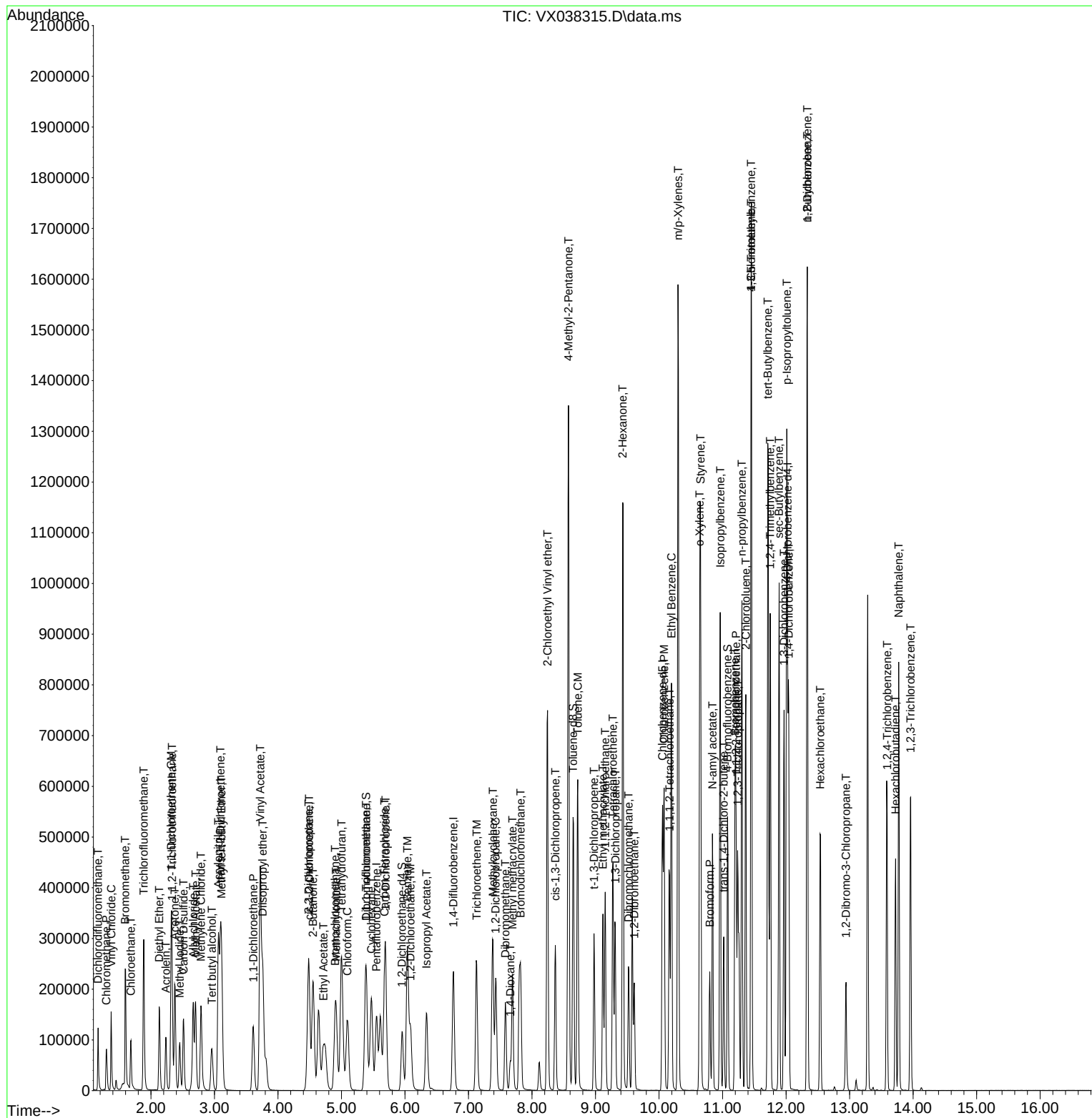
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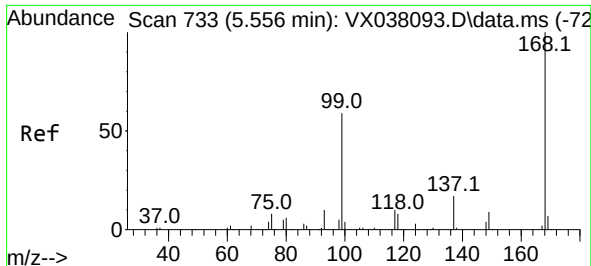
Instrument :
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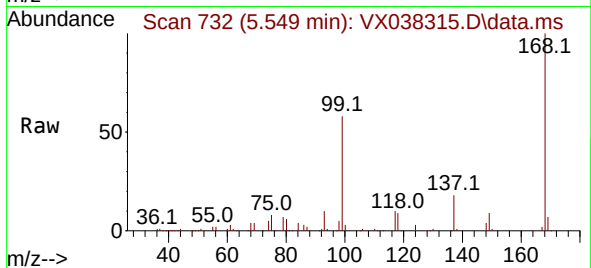
Reviewed By :John Carlone 10/17/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038315.D
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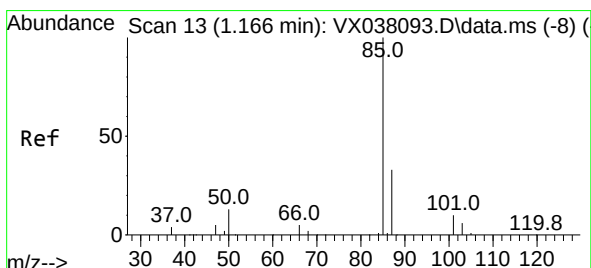
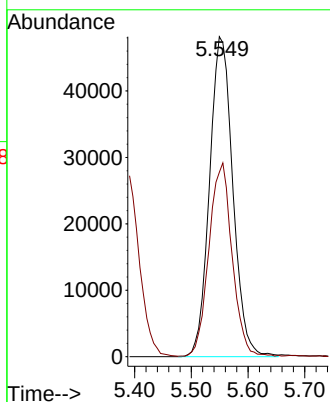
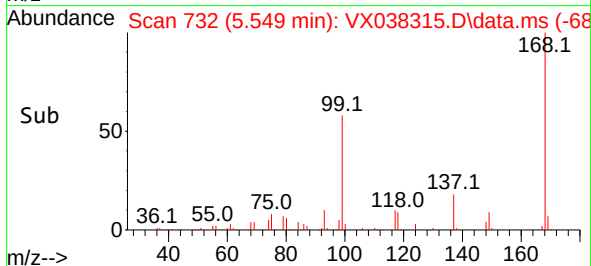
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13753
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0

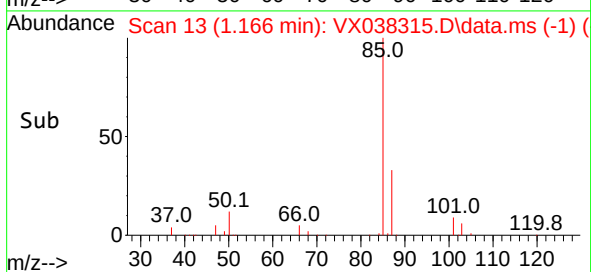
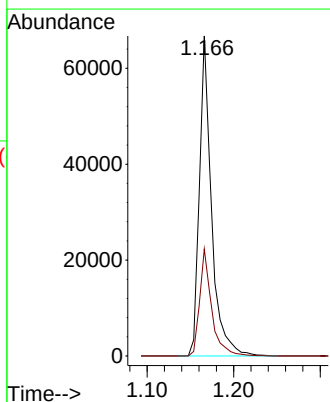
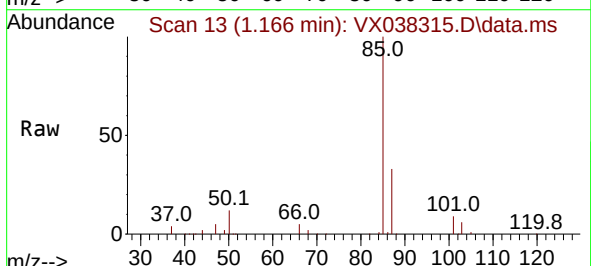
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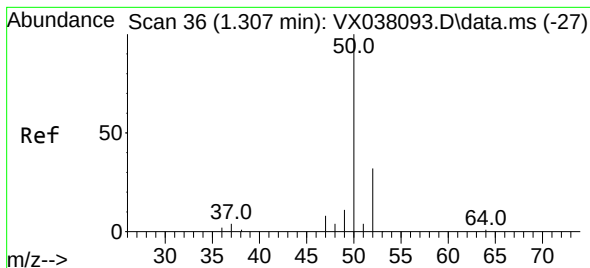
Reviewed By :John Carlone 10/17/2023
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#2
Dichlorodifluoromethane
Concen: 48.654 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 85 Resp: 64590
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 50.331 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 68100

Ion Ratio Lower Upper

50 100

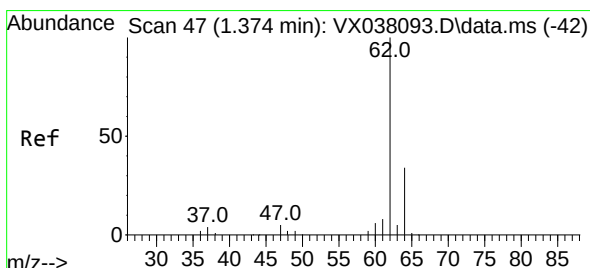
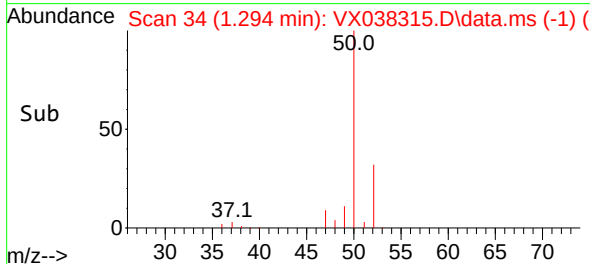
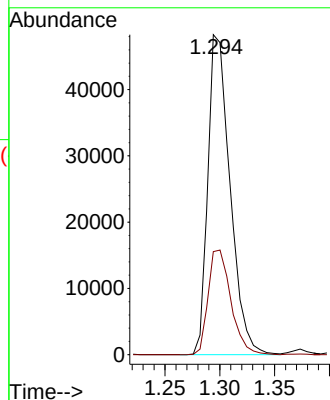
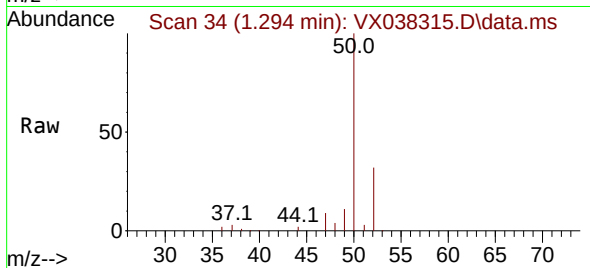
52 32.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 60.533 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX038315.D

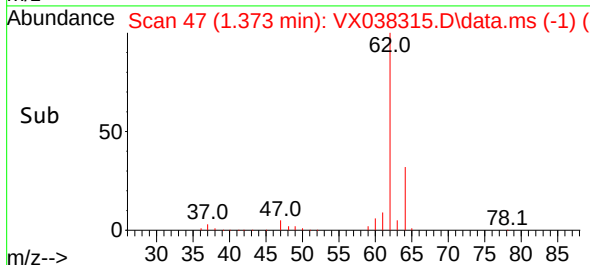
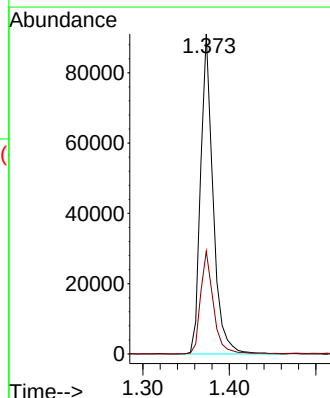
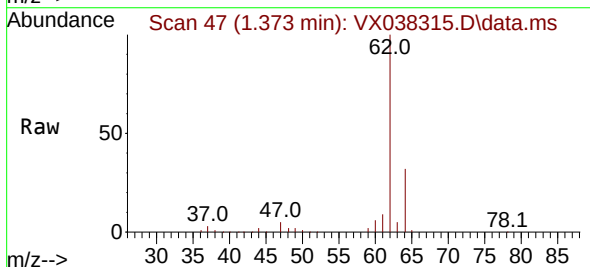
Acq: 16 Oct 2023 19:36

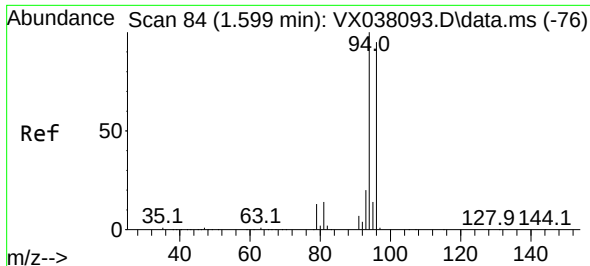
Tgt Ion: 62 Resp: 90810

Ion Ratio Lower Upper

62 100

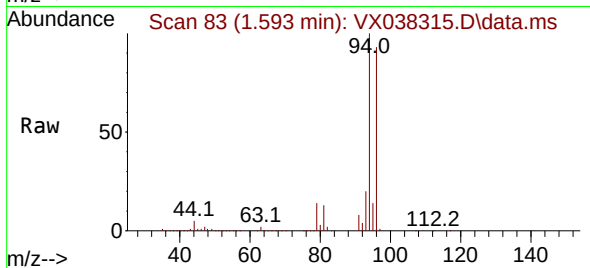
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 53.281 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

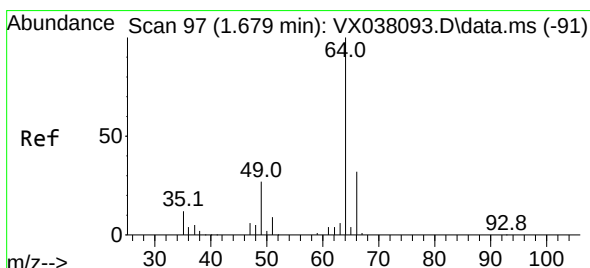
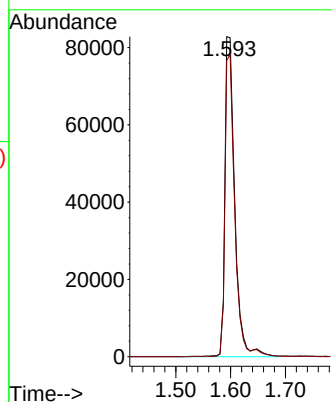
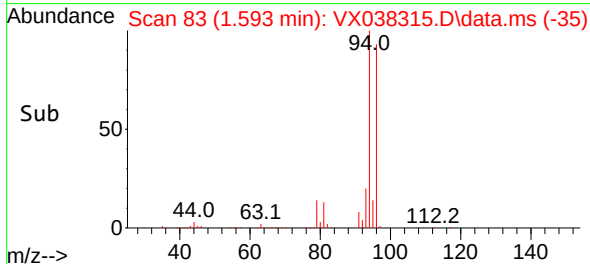
Instrument :
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Tgt Ion: 94 Resp: 104868
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

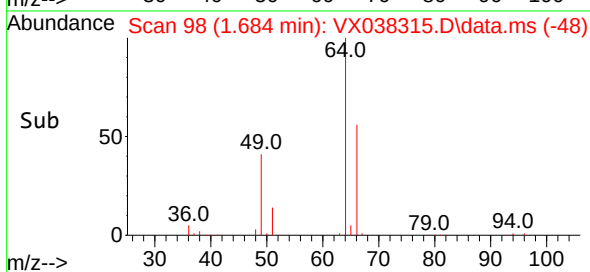
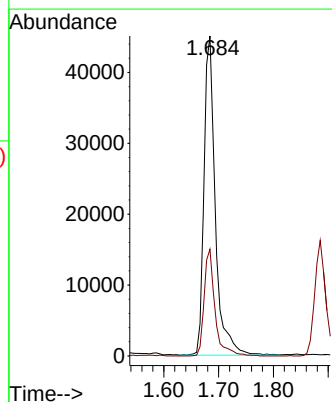
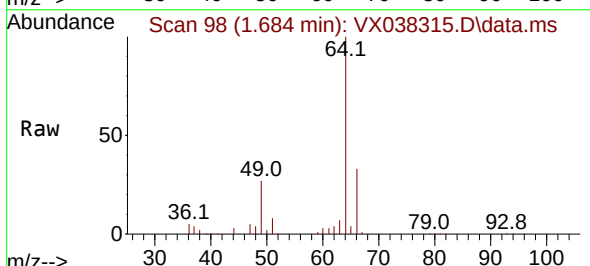
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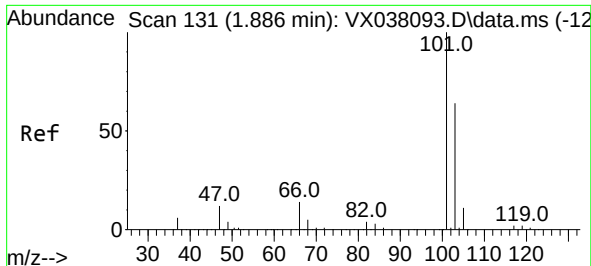
Reviewed By :John Carlone 10/17/2023
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#6
Chloroethane
Concen: 58.010 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

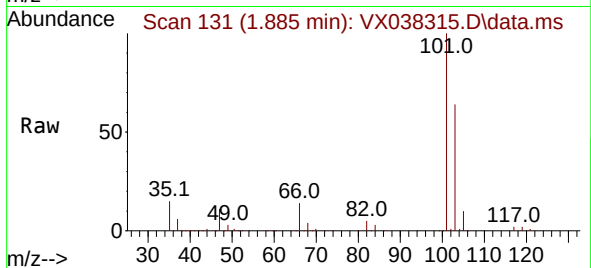
Tgt Ion: 64 Resp: 64627
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 57.902 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

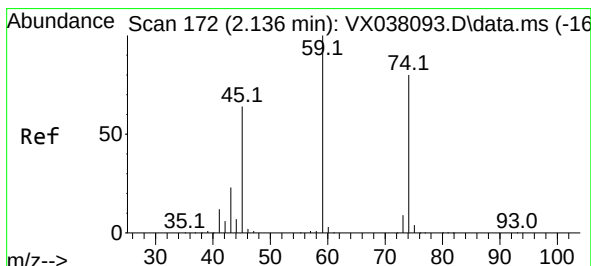
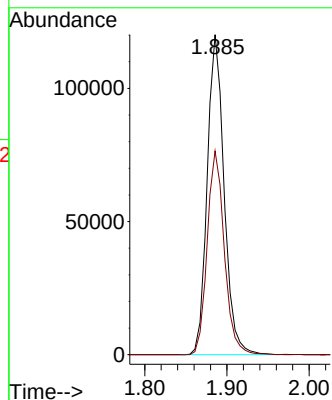
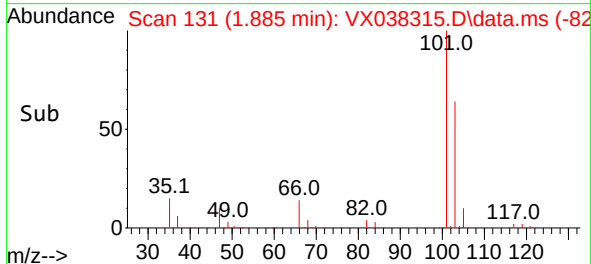
Instrument :
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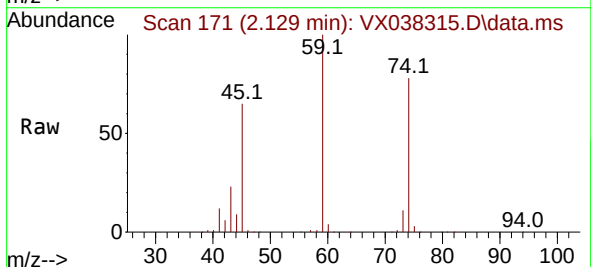
Tgt Ion:101 Resp: 17157
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

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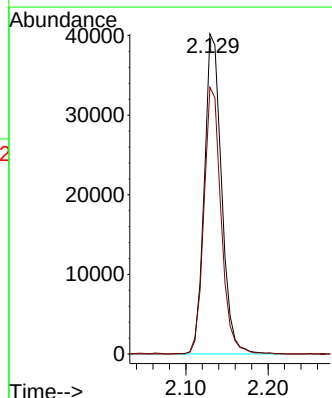
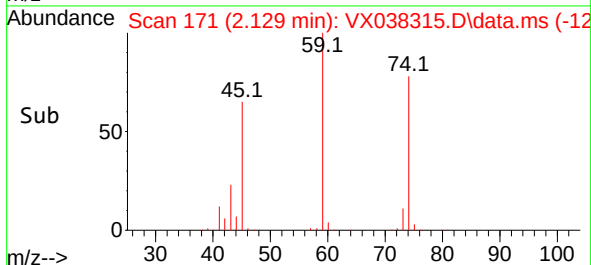
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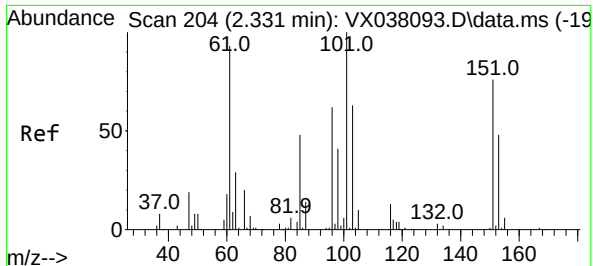


#8
Diethyl Ether
Concen: 52.963 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion: 74 Resp: 58531
Ion Ratio Lower Upper
74 100
45 83.6 53.3 159.8





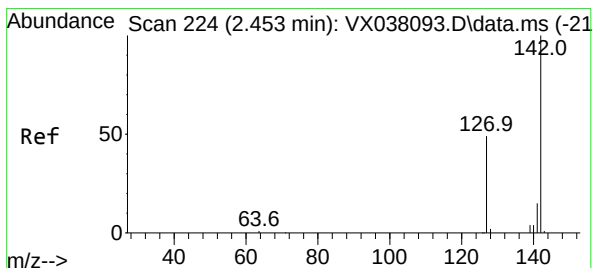
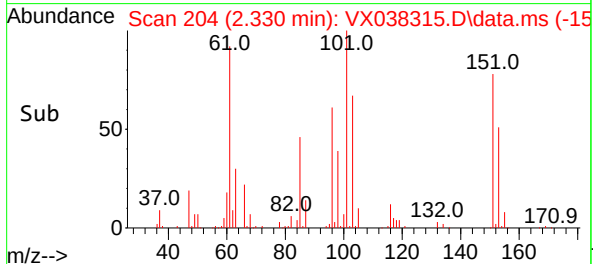
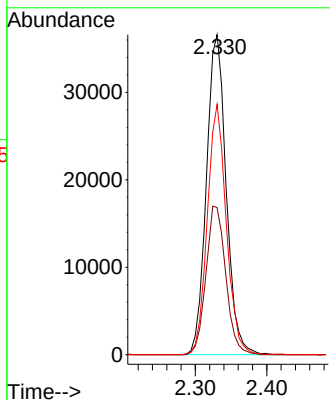
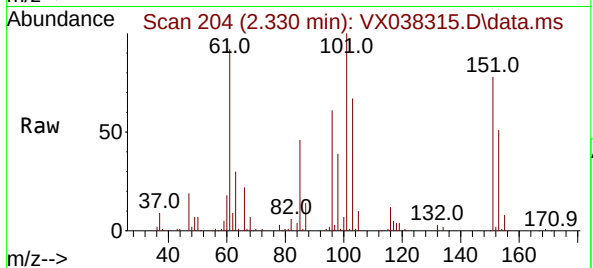
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.277 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.005 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7021
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 75.3 58.6 87.8

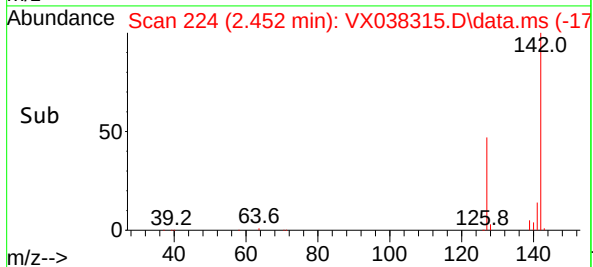
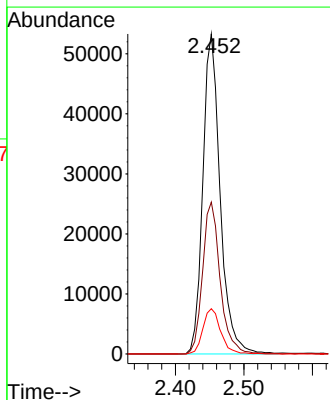
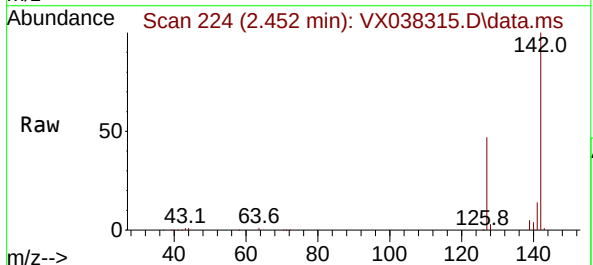
Manual Integrations
APPROVED

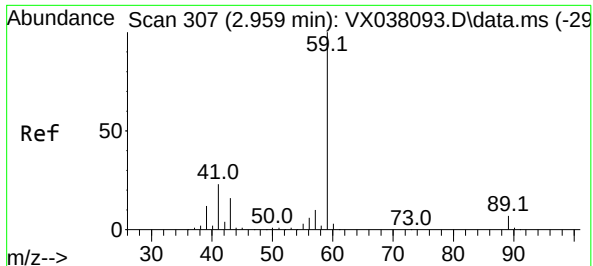
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#10
Methyl Iodide
Concen: 50.477 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

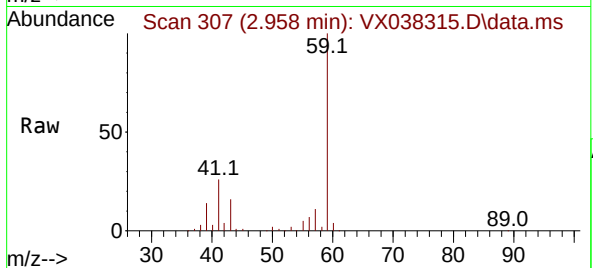
Tgt Ion:142 Resp: 93951
Ion Ratio Lower Upper
142 100
127 48.2 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 190.442 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

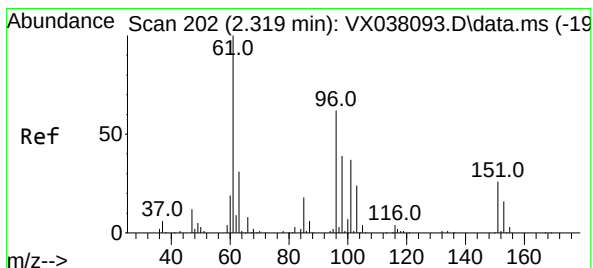
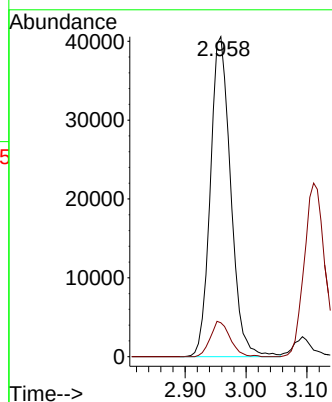
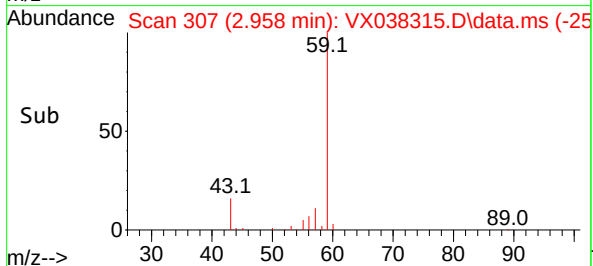
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



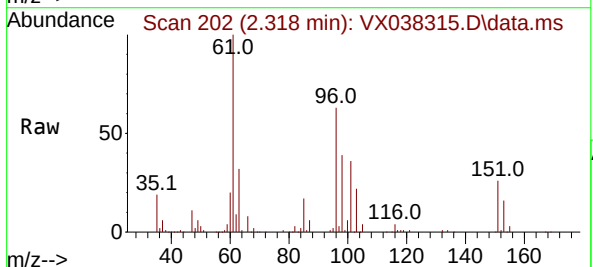
Tgt Ion: 59 Resp: 94280
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

Manual Integrations
APPROVED

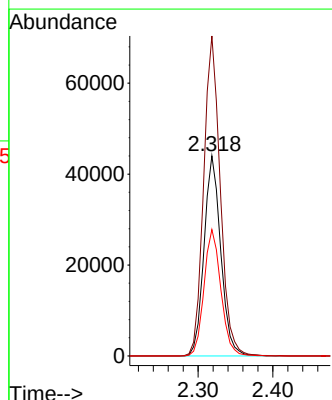
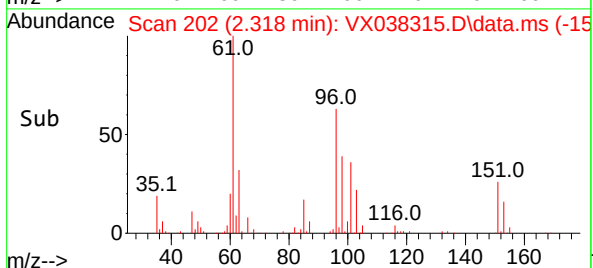
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

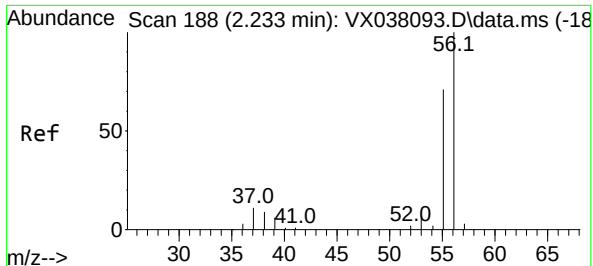


#12
1,1-Dichloroethene
Concen: 54.343 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



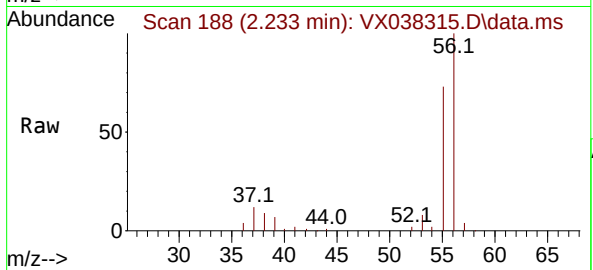
Tgt Ion: 96 Resp: 68380
Ion Ratio Lower Upper
96 100
61 159.9 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 241.602 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

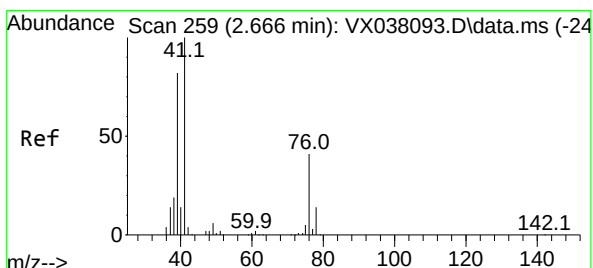
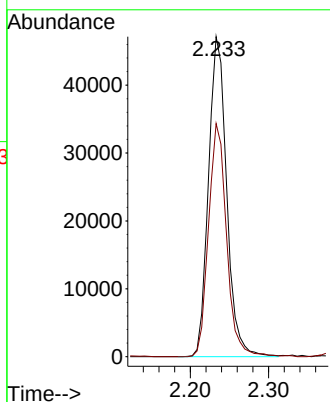
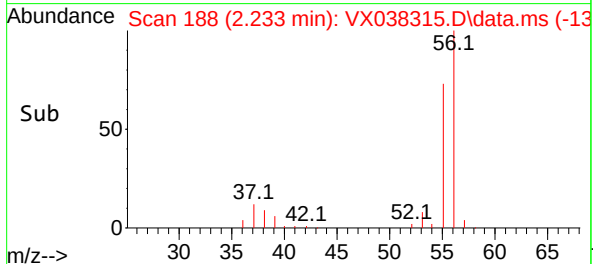
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 75978
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

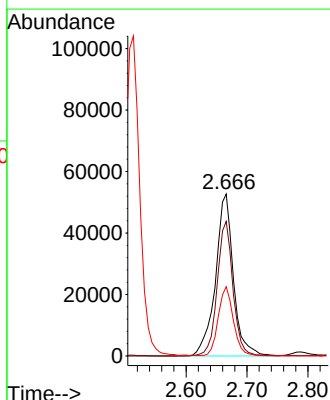
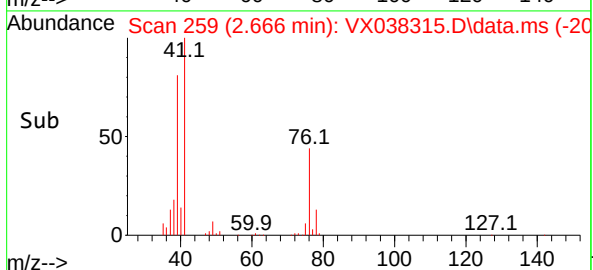
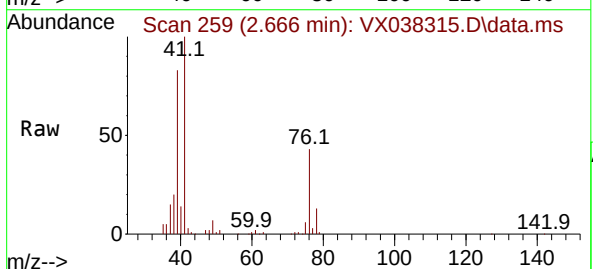
Manual Integrations
APPROVED

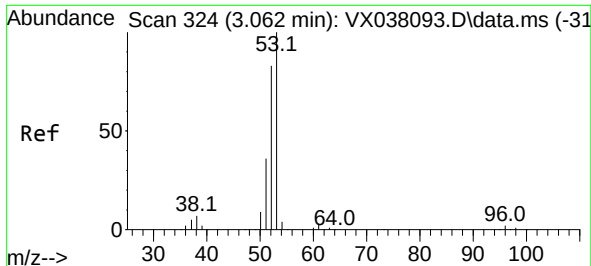
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#14
Allyl chloride
Concen: 47.961 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

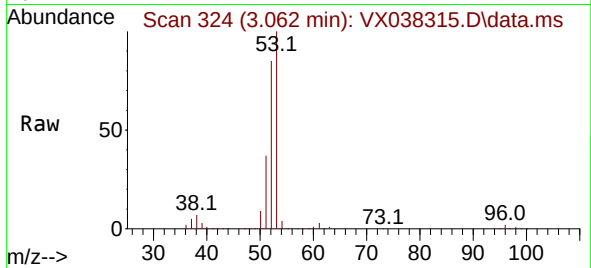
Tgt Ion: 41 Resp: 107946
Ion Ratio Lower Upper
41 100
39 72.9 55.8 83.6
76 36.1 24.3 36.5





#15
Acrylonitrile
Concen: 241.309 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

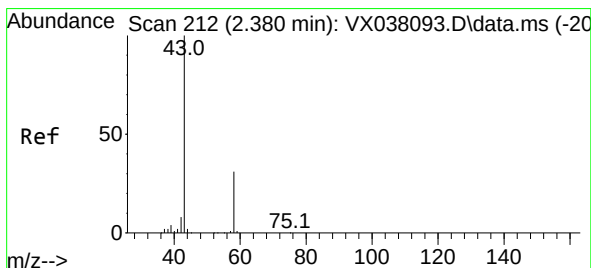
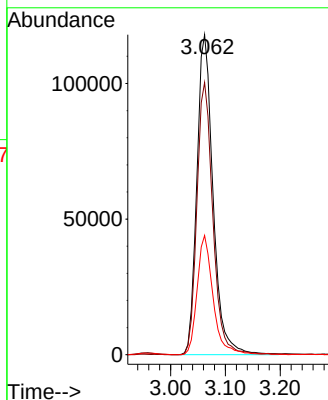
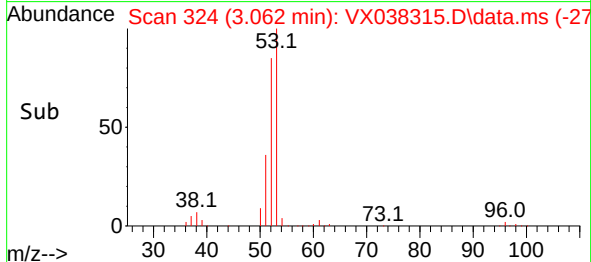
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 242923
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.8 29.8 44.6

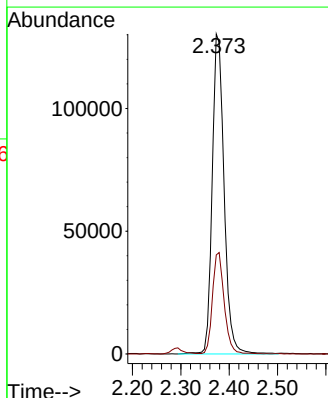
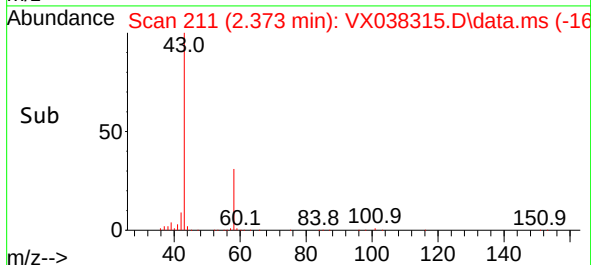
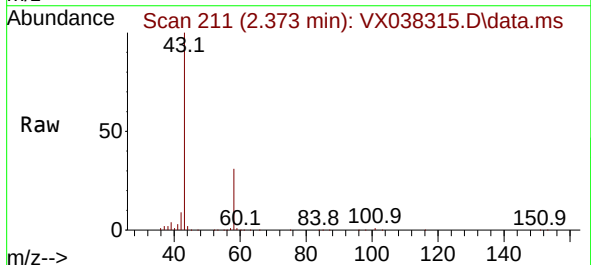
Manual Integrations
APPROVED

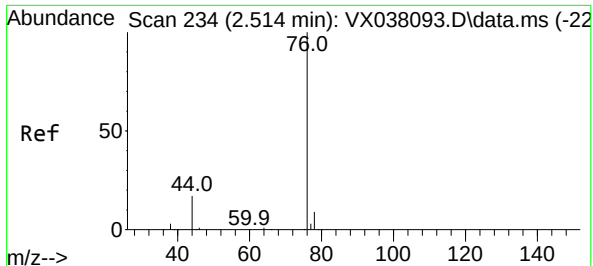
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#16
Acetone
Concen: 240.709 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

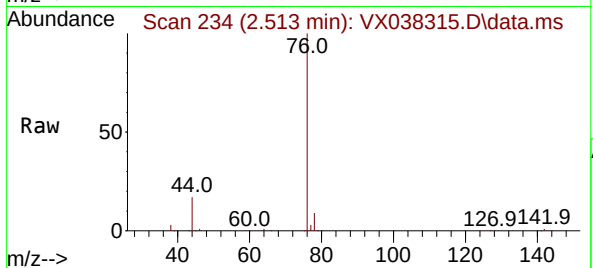
Tgt Ion: 43 Resp: 222228
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17
Carbon Disulfide
Concen: 48.523 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

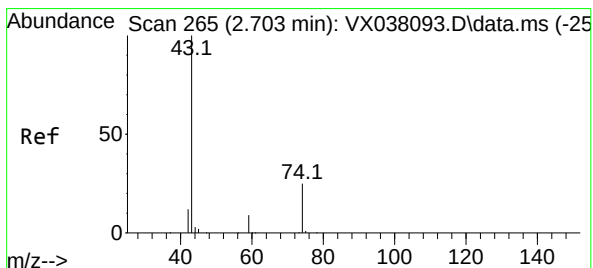
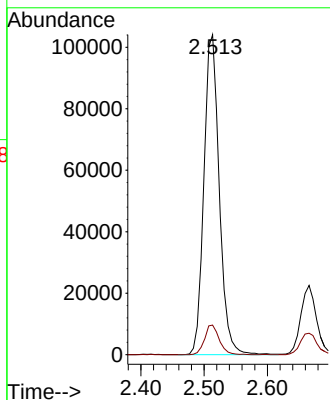
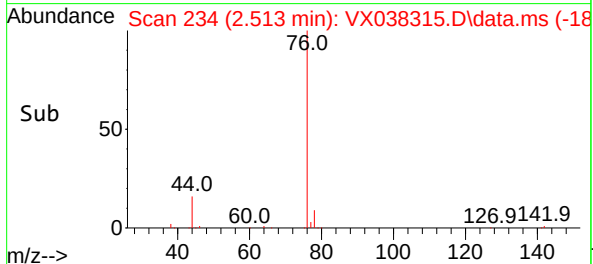
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



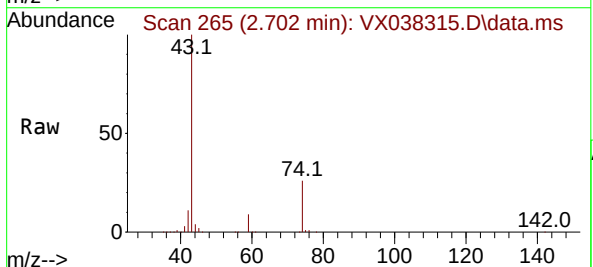
Tgt Ion: 76 Resp: 175970
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

Manual Integrations
APPROVED

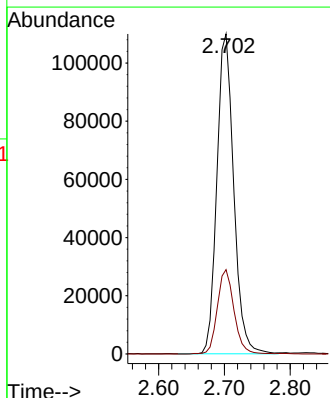
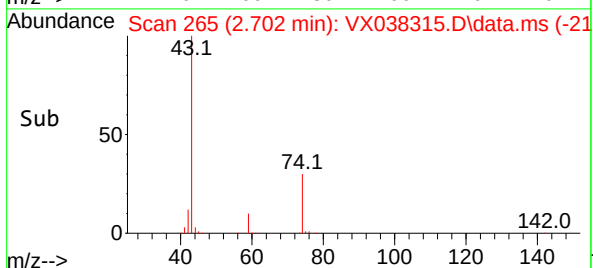
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

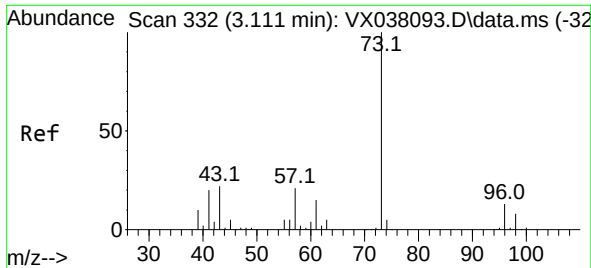


#18
Methyl Acetate
Concen: 49.441 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion: 43 Resp: 195743
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.864 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

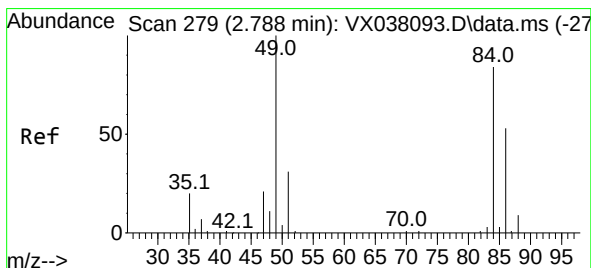
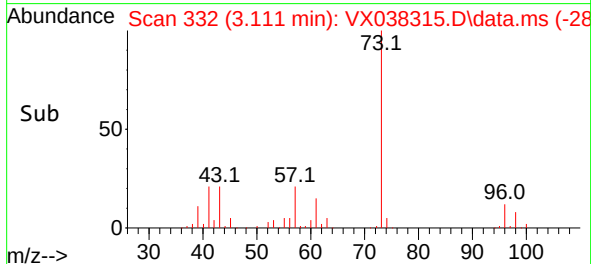
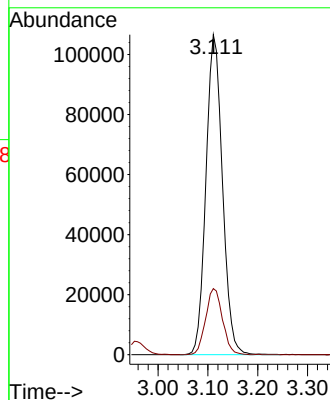
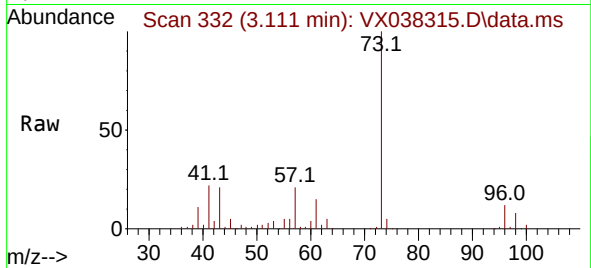
VSTDCCC050EC

Tgt Ion: 73 Resp: 24488
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

Manual Integrations

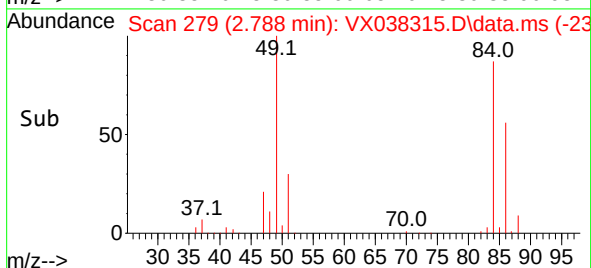
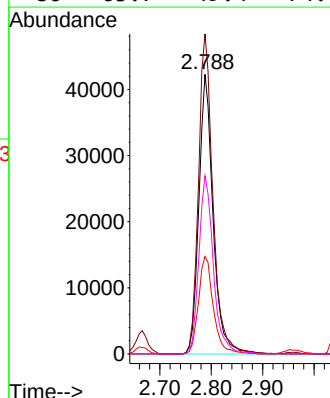
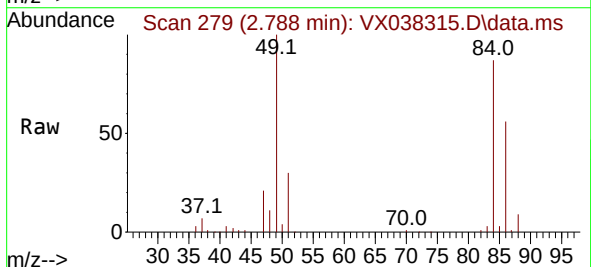
APPROVED

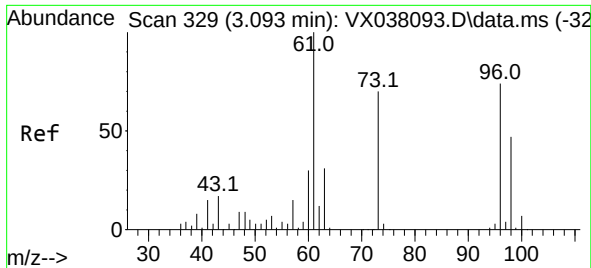
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#20
Methylene Chloride
Concen: 46.912 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

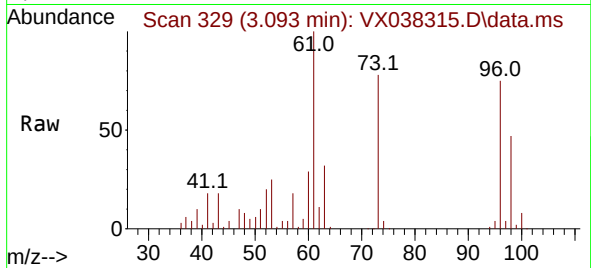
Tgt Ion: 84 Resp: 81466
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 34.8 33.8 50.6
86 63.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.532 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

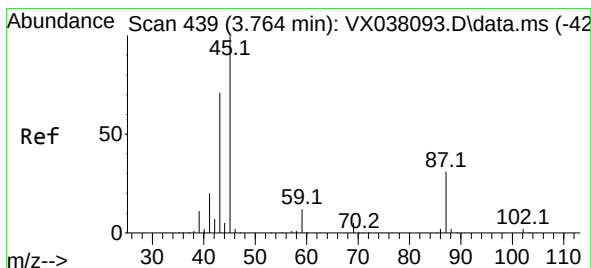
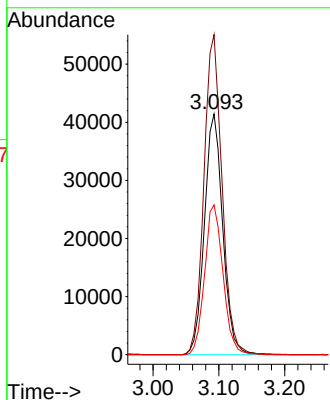
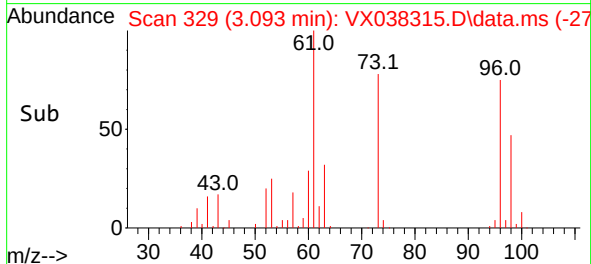
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



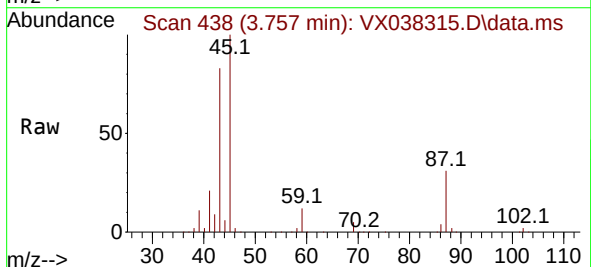
Tgt Ion: 96 Resp: 80280
Ion Ratio Lower Upper
96 100
61 132.9 119.2 178.8
98 62.2 48.7 73.1

Manual Integrations
APPROVED

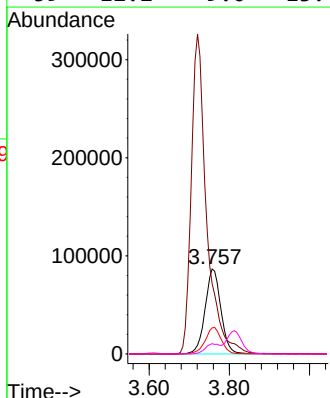
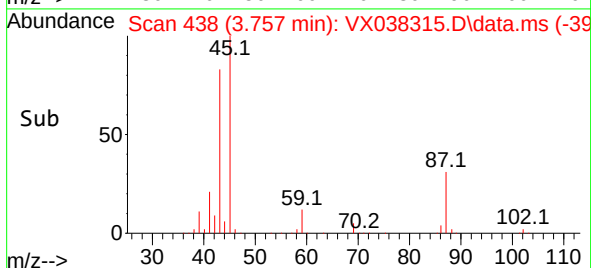
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

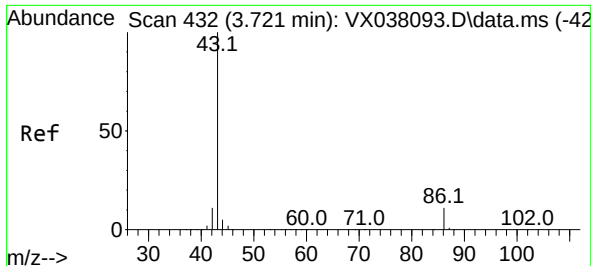


#22
Diisopropyl ether
Concen: 50.095 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion: 45 Resp: 236303
Ion Ratio Lower Upper
45 100
43 82.6 69.7 104.5
87 30.8 20.8 31.2
59 12.2 9.0 13.4





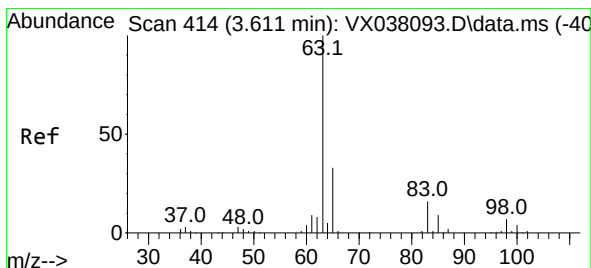
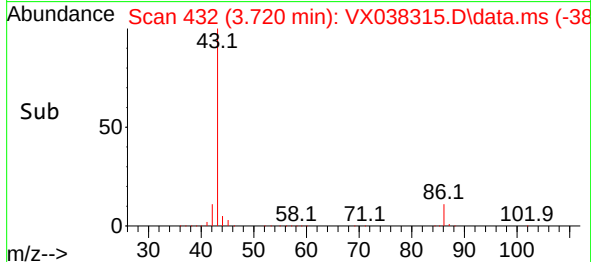
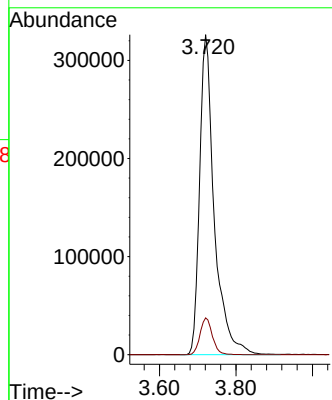
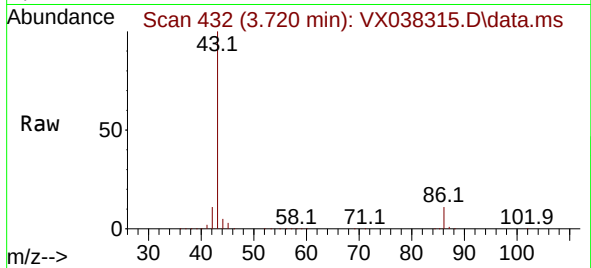
#23
 Vinyl Acetate
 Concen: 250.189 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX038315.D
 Acq: 16 Oct 2023 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 86546
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

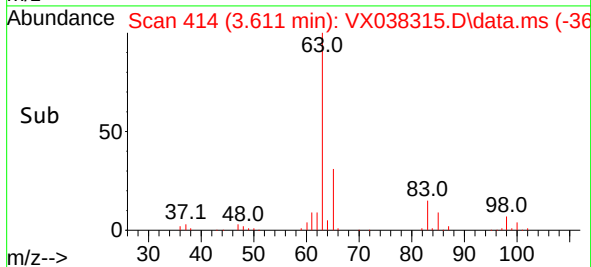
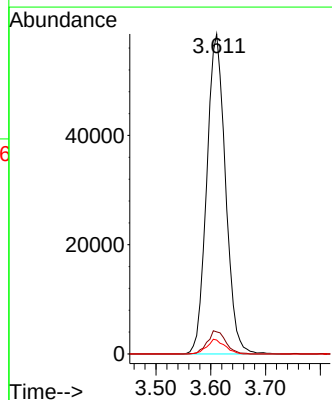
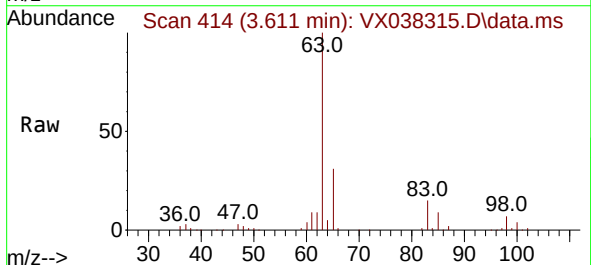
Manual Integrations
 APPROVED

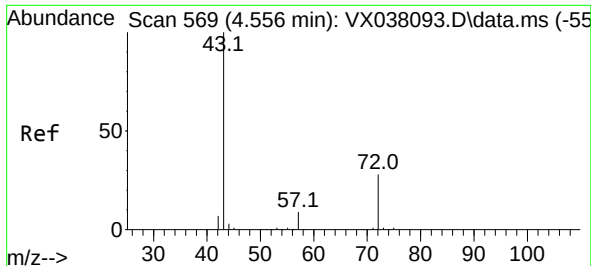
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#24
 1,1-Dichloroethane
 Concen: 48.435 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038315.D
 Acq: 16 Oct 2023 19:36

Tgt Ion: 63 Resp: 138656
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.1 6.5





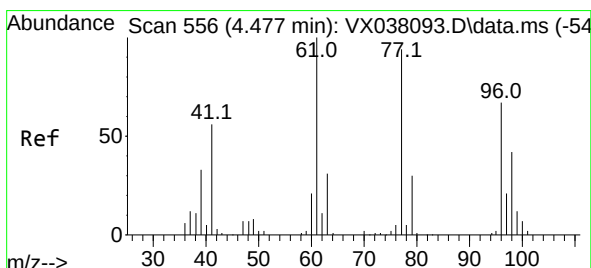
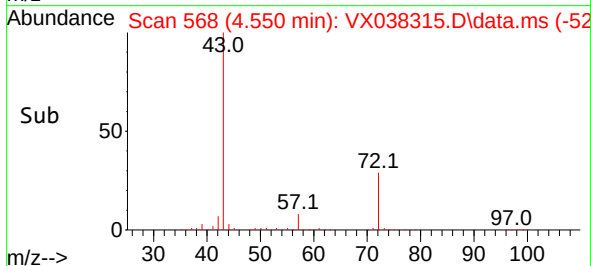
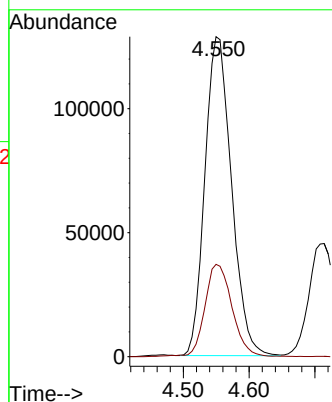
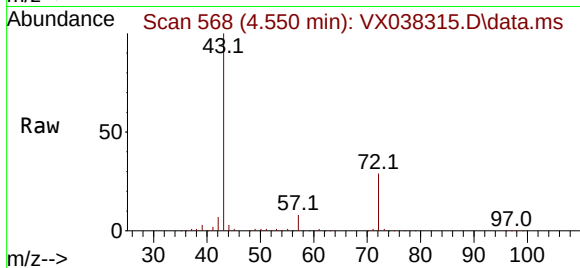
#25
2-Butanone
Concen: 243.053 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 362052
Ion Ratio Lower Upper
43 100
72 28.8 19.4 29.2

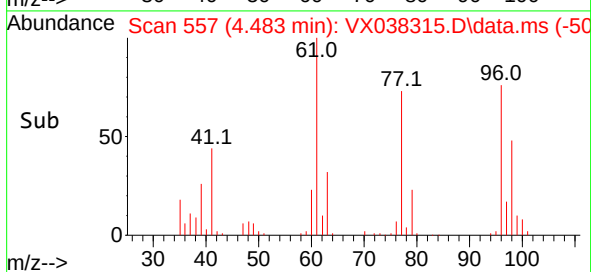
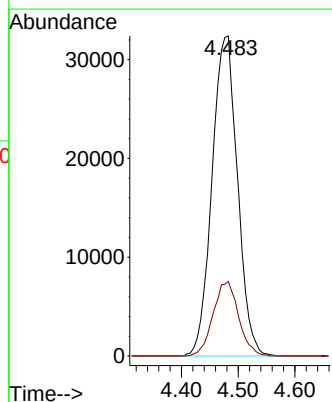
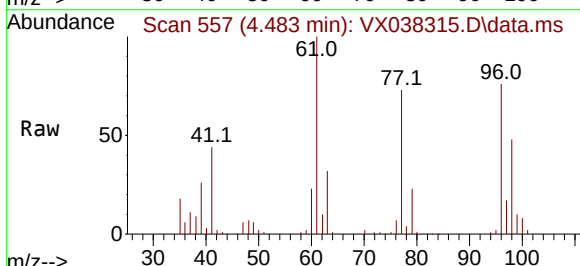
Manual Integrations
APPROVED

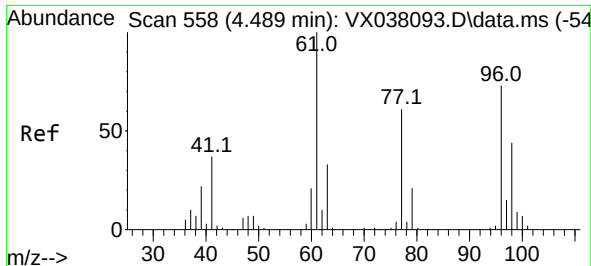
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#26
2,2-Dichloropropane
Concen: 45.200 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 77 Resp: 101024
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.150 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 94909

Ion Ratio Lower Upper

96 100

61 136.4 0.0 312.2

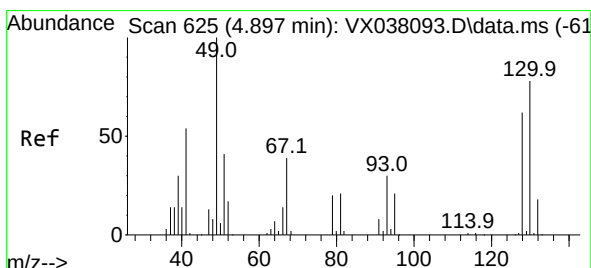
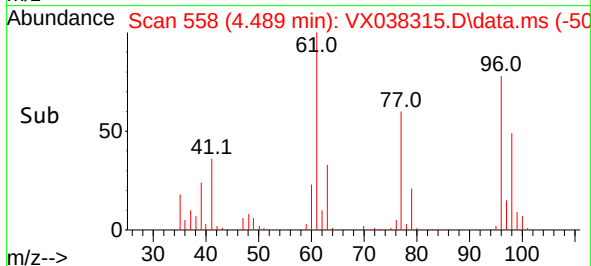
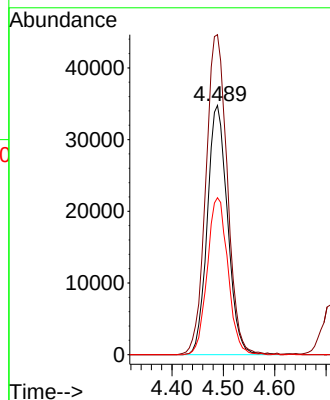
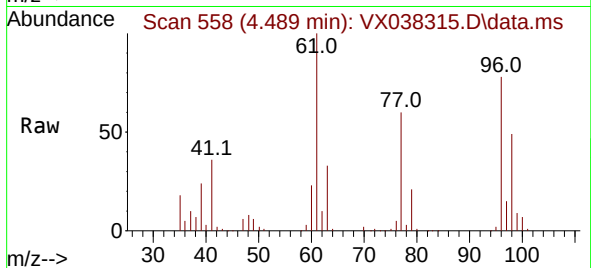
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#28

Bromochloromethane

Concen: 50.958 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

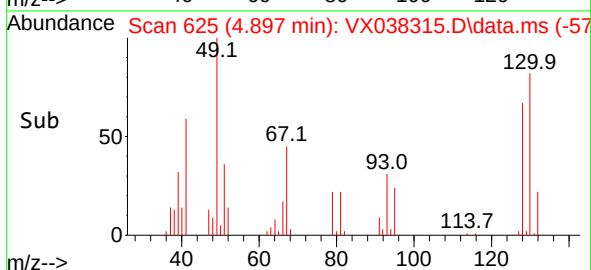
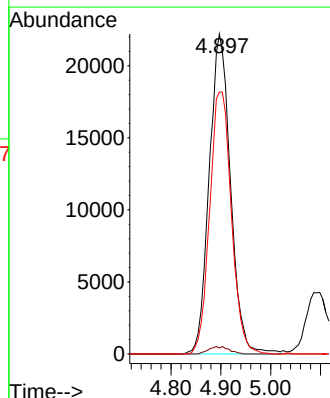
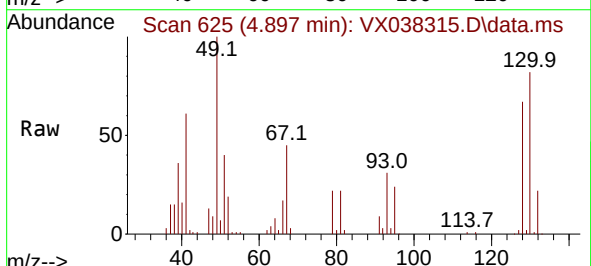
Tgt Ion: 49 Resp: 65853

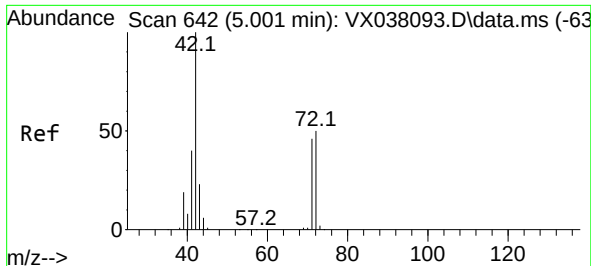
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 83.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 240.030 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 232780

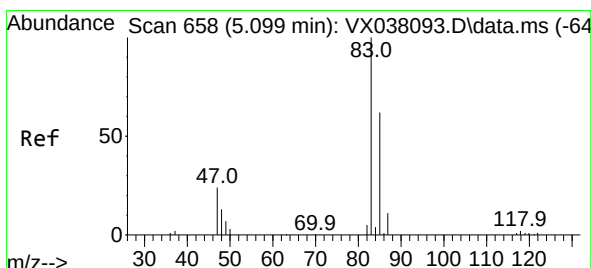
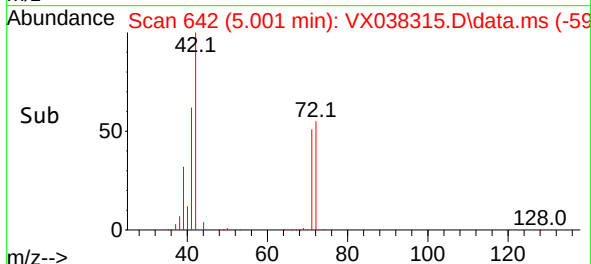
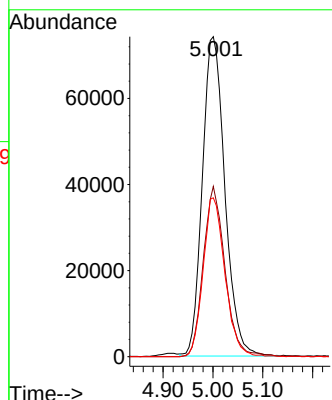
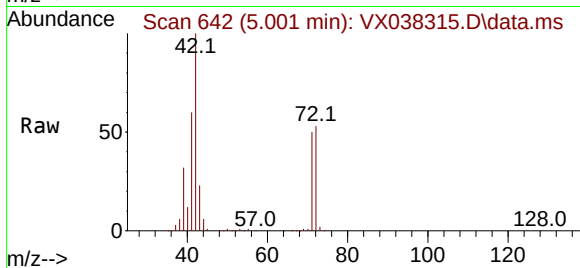
Ion	Ratio	Lower	Upper
42	100		
72	51.5	34.2	51.4
71	48.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#30

Chloroform

Concen: 53.272 ug/l

RT: 5.092 min Scan# 657

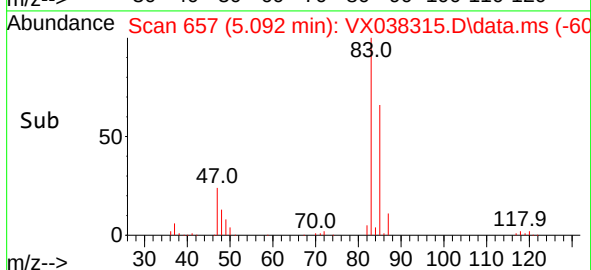
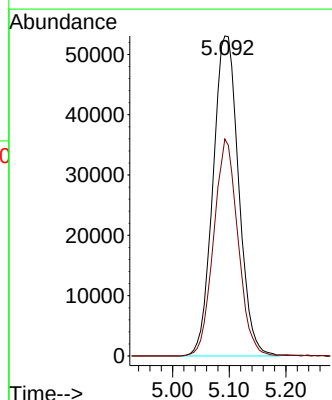
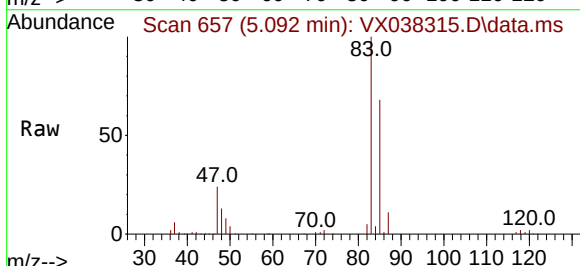
Delta R.T. -0.001 min

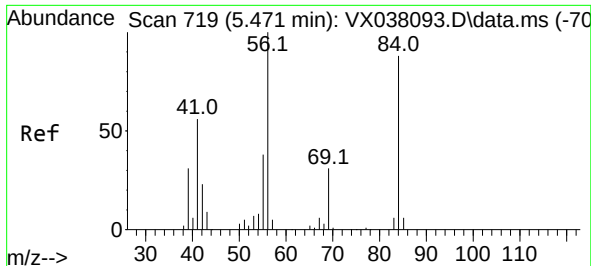
Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion: 83 Resp: 166764

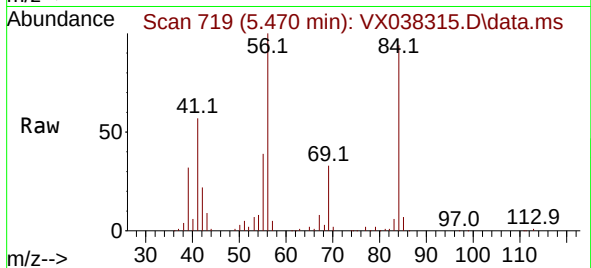
Ion	Ratio	Lower	Upper
83	100		
85	67.8	50.3	75.5





#31
Cyclohexane
Concen: 50.156 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

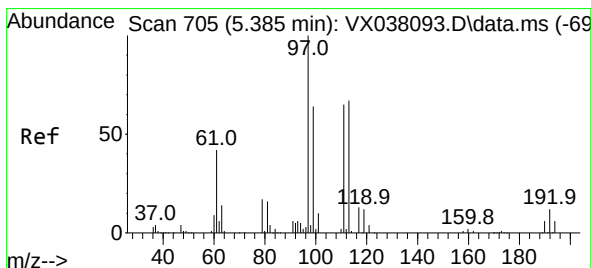
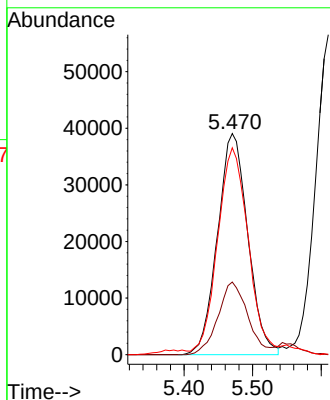
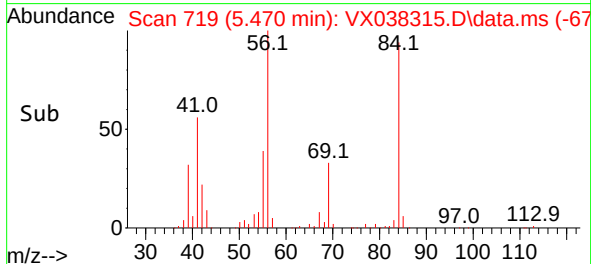
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 120208
Ion Ratio Lower Upper
56 100
69 32.9 23.4 35.2
84 91.9 65.9 98.9

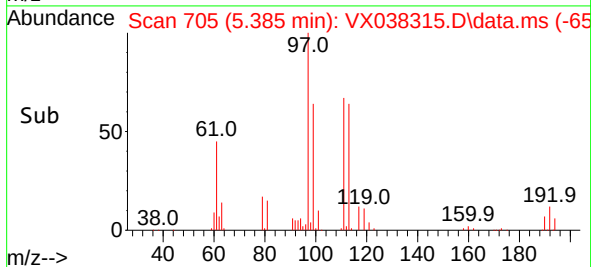
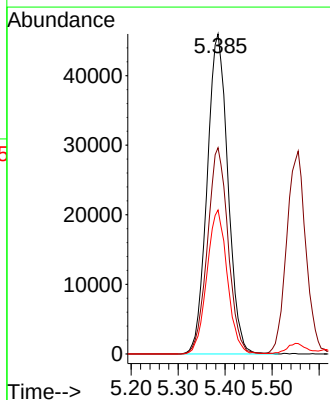
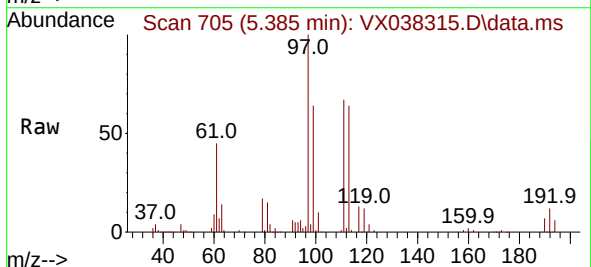
Manual Integrations
APPROVED

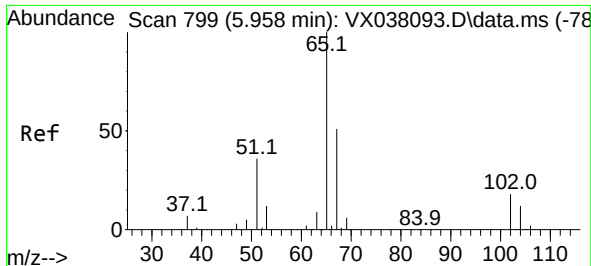
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#32
1,1,1-Trichloroethane
Concen: 52.599 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 97 Resp: 141035
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.860 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10808

Ion Ratio Lower Upper

65 100

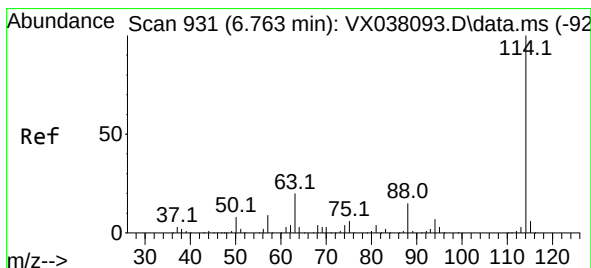
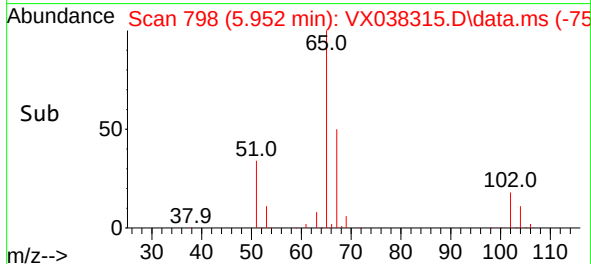
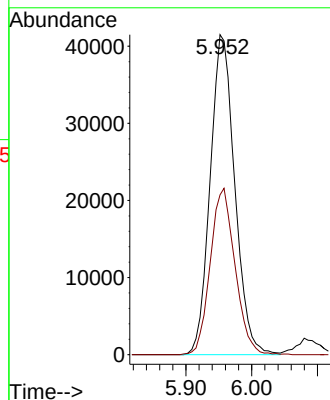
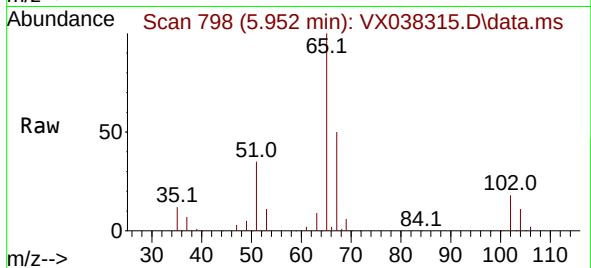
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

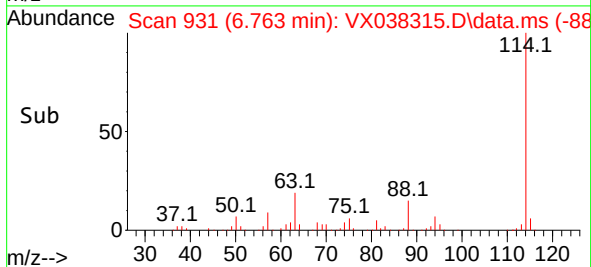
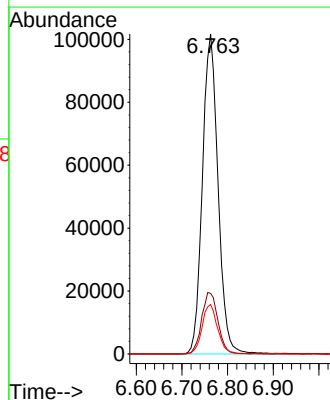
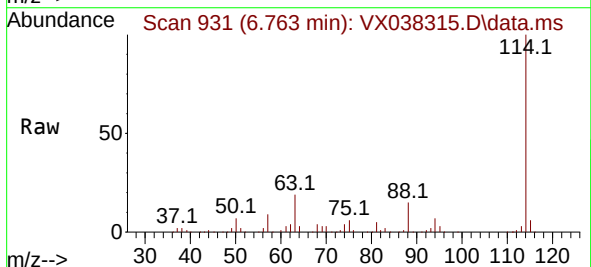
Tgt Ion:114 Resp: 240886

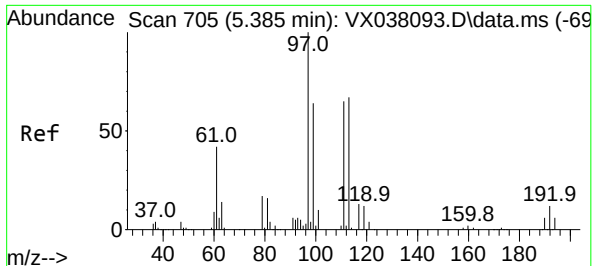
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

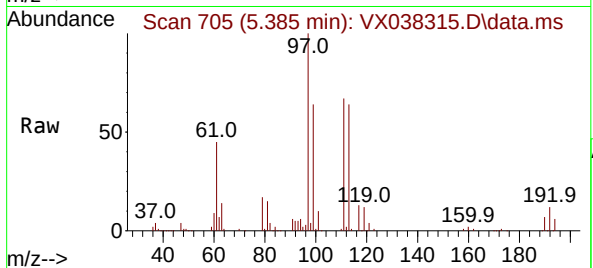
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.943 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

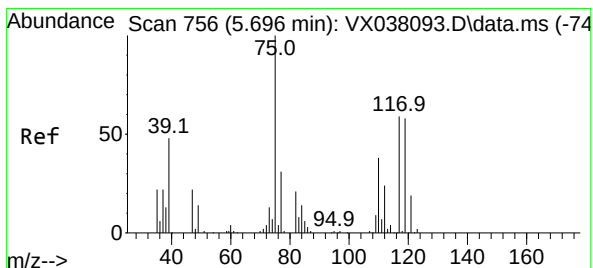
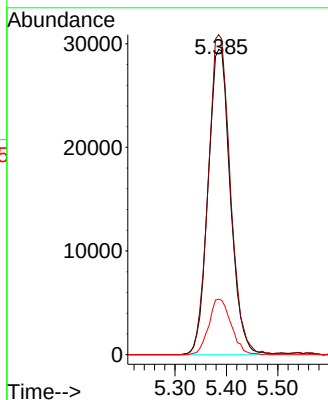
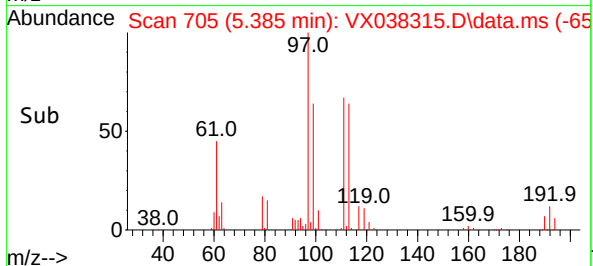
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 88424
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.3 13.3 19.9

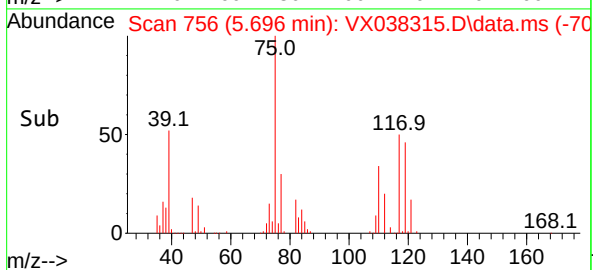
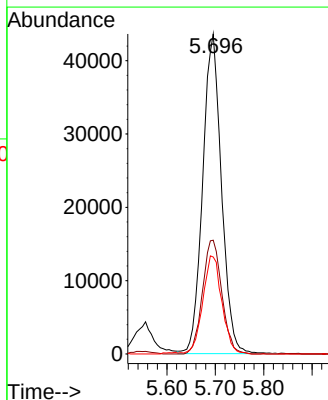
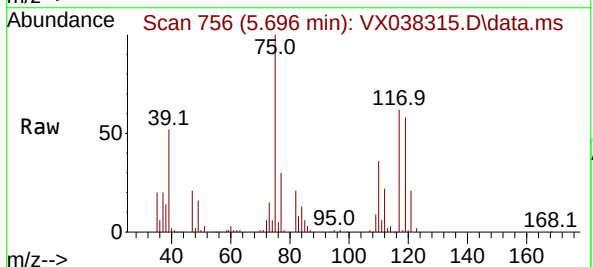
Manual Integrations
APPROVED

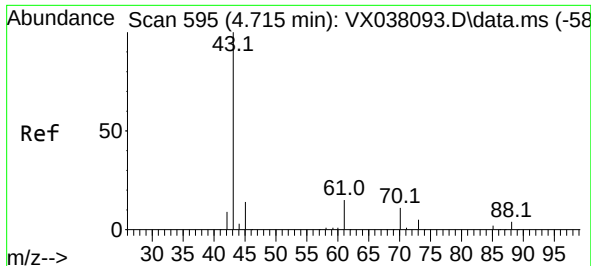
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#36
1,1-Dichloropropene
Concen: 49.096 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 75 Resp: 117514
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 47.031 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 133694

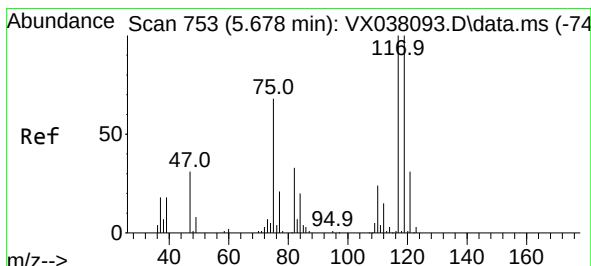
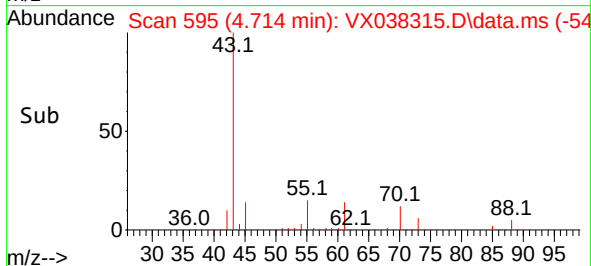
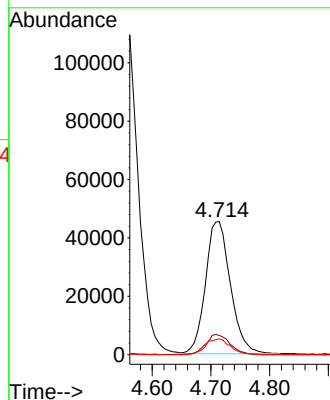
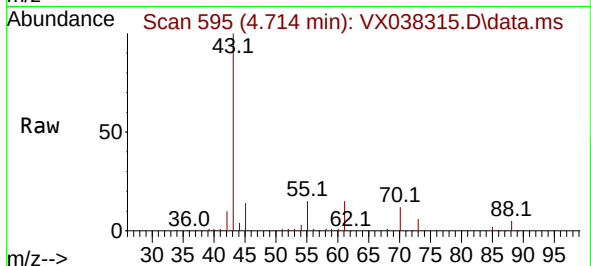
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#38

Carbon Tetrachloride

Concen: 51.463 ug/l

RT: 5.677 min Scan# 753

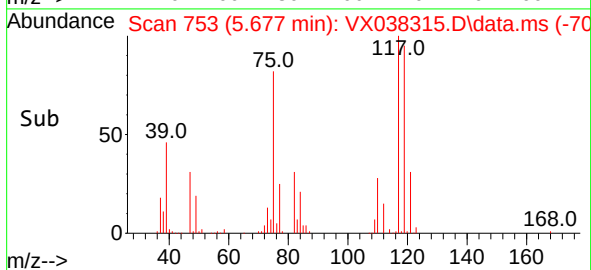
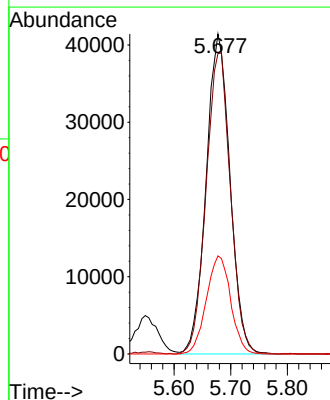
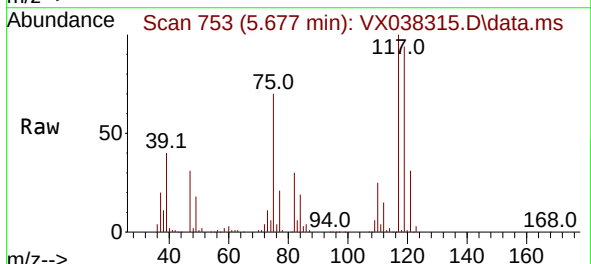
Delta R.T. -0.001 min

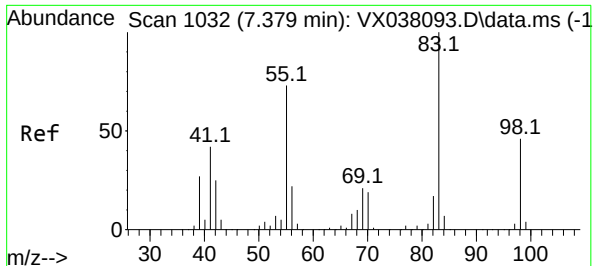
Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion:117 Resp: 121177

Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.2	117.2
121	30.6	24.4	36.6





#39
Methylcyclohexane
Concen: 50.831 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

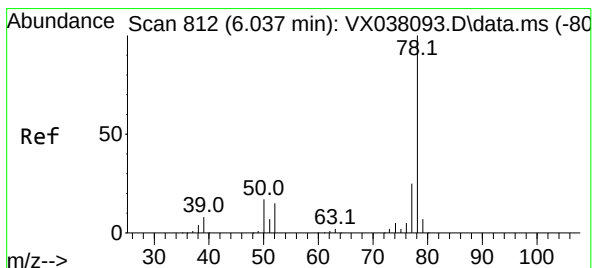
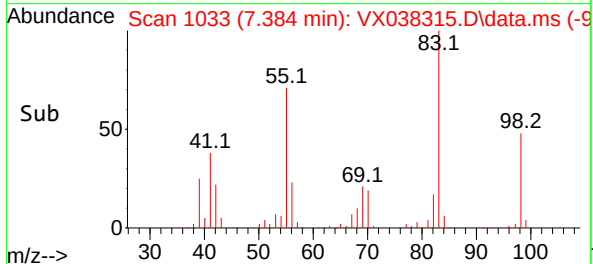
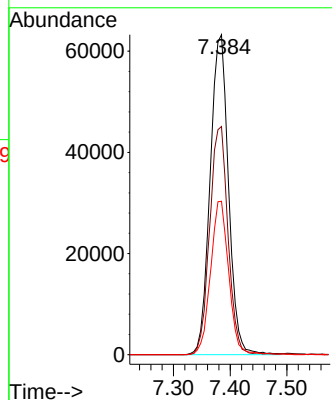
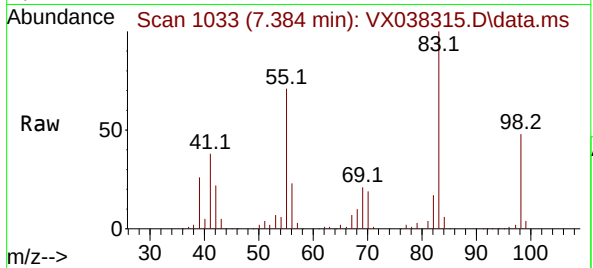
Tgt Ion: 83 Resp: 14251
Ion Ratio Lower Upper
83 100
55 71.3 64.6 97.0
98 47.9 36.7 55.1

Manual Integrations

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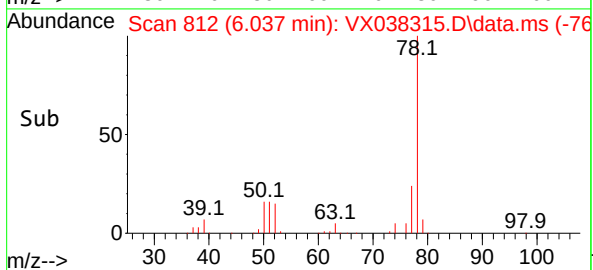
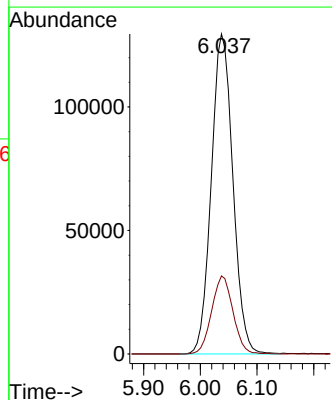
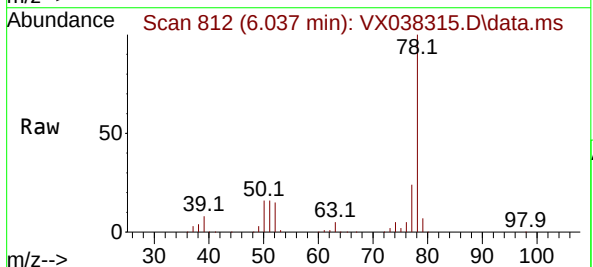
Reviewed By :John Carlone 10/17/2023

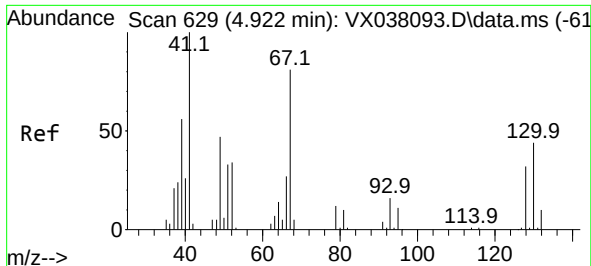
Supervised By :Mahesh Dadoda 10/18/2023



#40
Benzene
Concen: 51.212 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 78 Resp: 342846
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





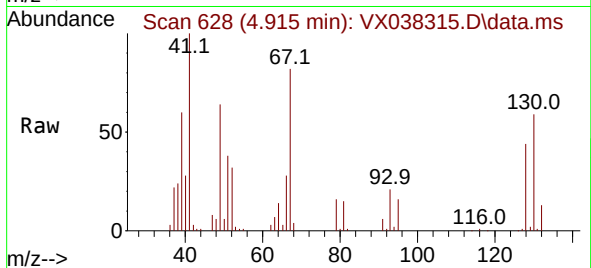
#41
Methacrylonitrile
Concen: 49.068 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



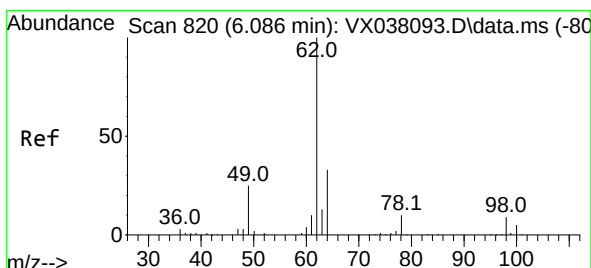
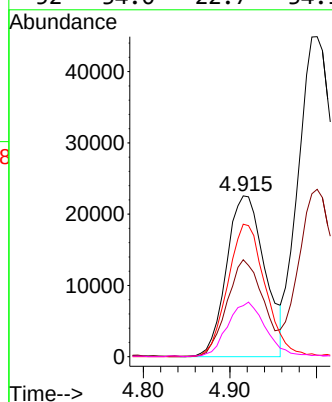
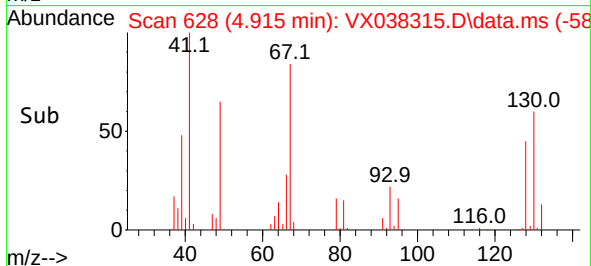
Tgt Ion: 41 Resp: 6938
Ion Ratio Lower Upper
41 100
39 55.3 45.2 67.8
67 81.1 52.6 78.8
52 34.0 22.7 34.1

Manual Integrations

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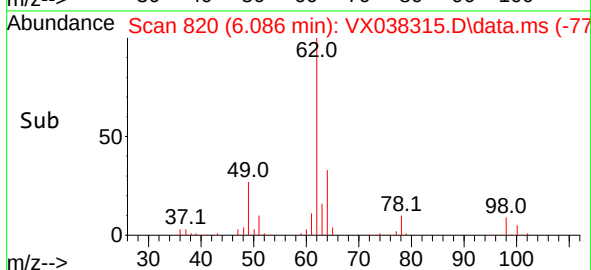
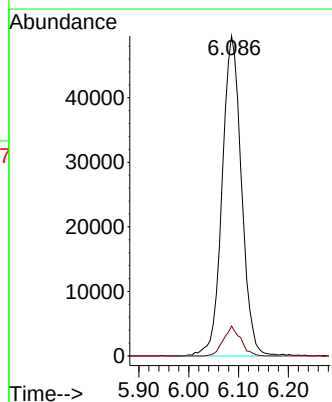
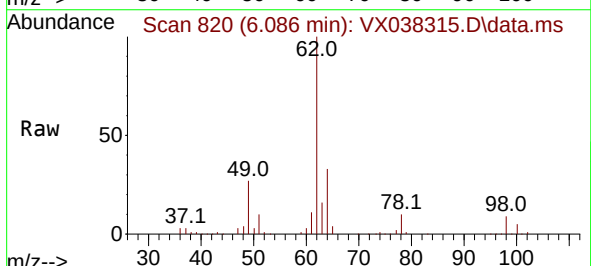
Reviewed By :John Carlone 10/17/2023

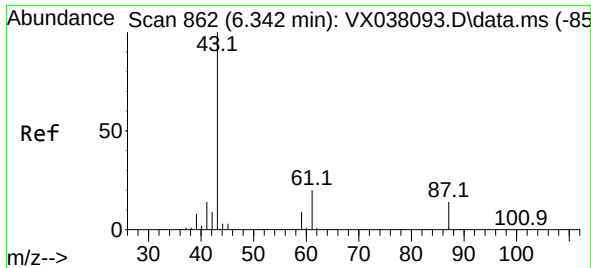
Supervised By :Mahesh Dadoda 10/18/2023



#42
1,2-Dichloroethane
Concen: 49.927 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 62 Resp: 133543
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.051 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 203910

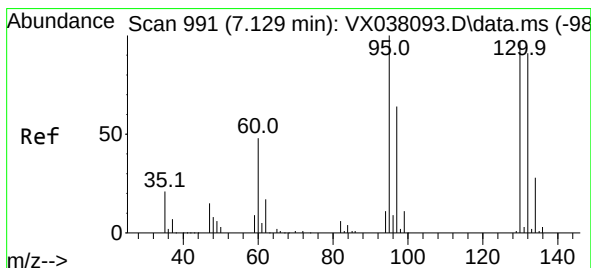
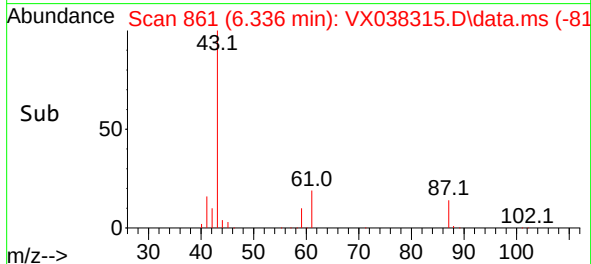
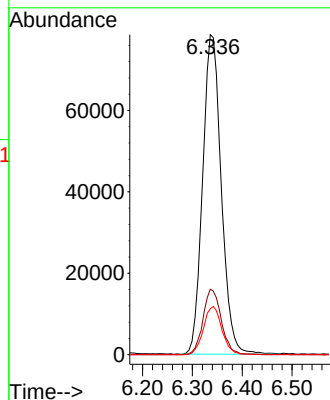
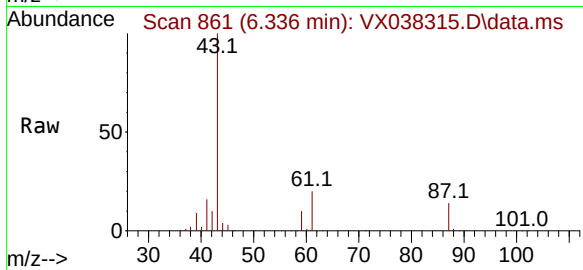
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	14.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#44

Trichloroethene

Concen: 53.246 ug/l

RT: 7.128 min Scan# 991

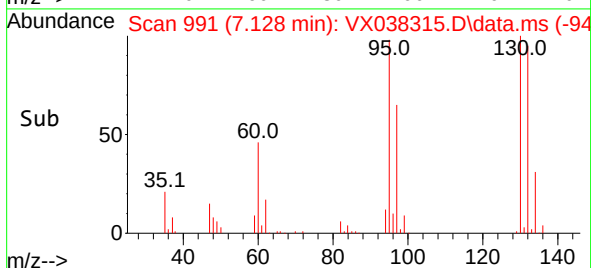
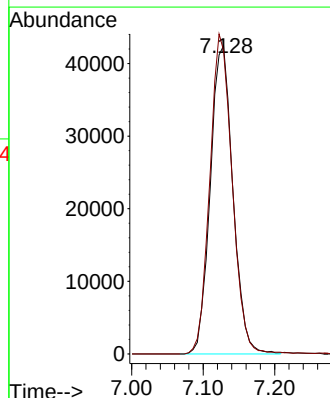
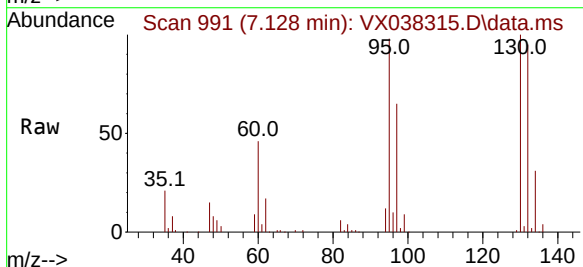
Delta R.T. -0.001 min

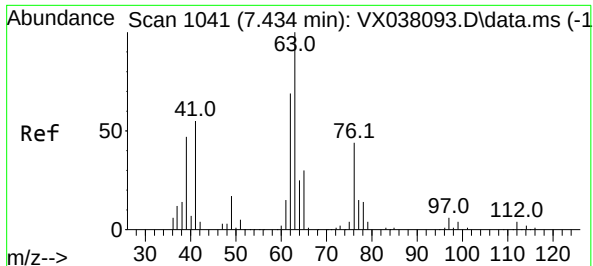
Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion:130 Resp: 93233

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.998 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8836

Ion Ratio Lower Upper

63 100

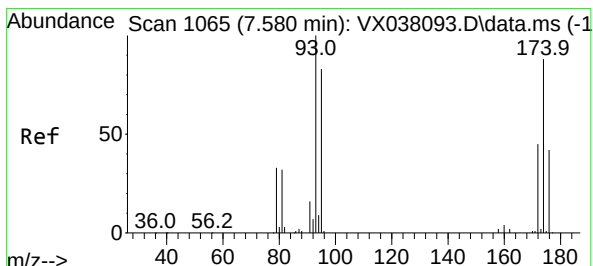
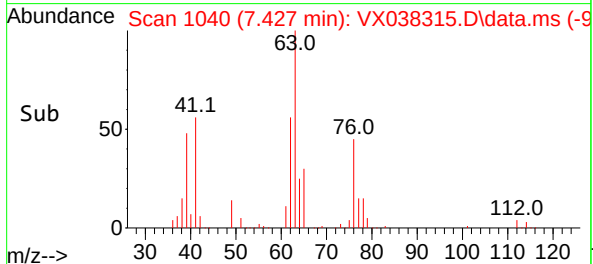
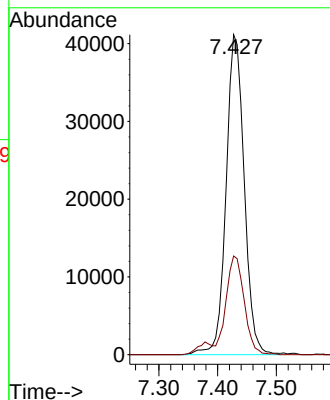
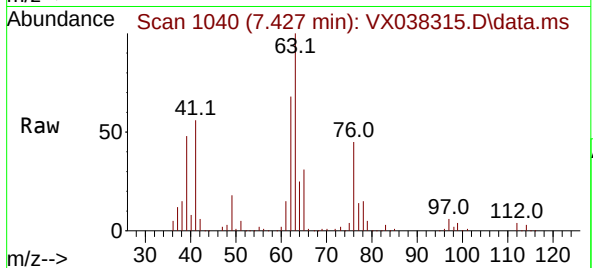
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#46

Dibromomethane

Concen: 51.796 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

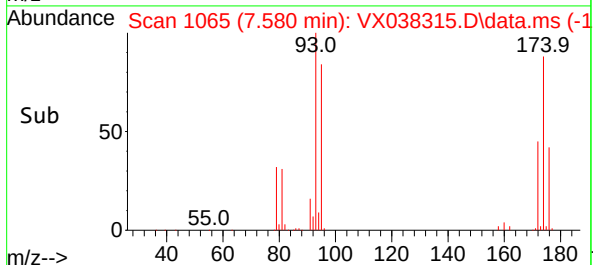
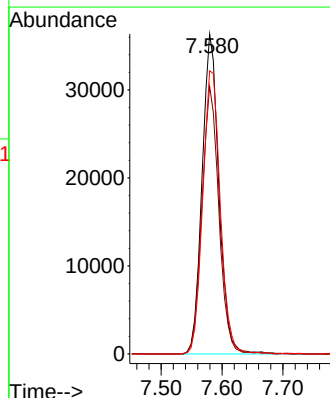
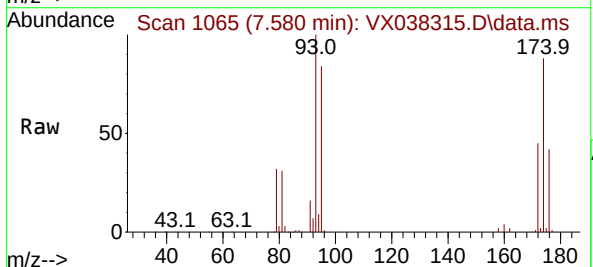
Tgt Ion: 93 Resp: 69607

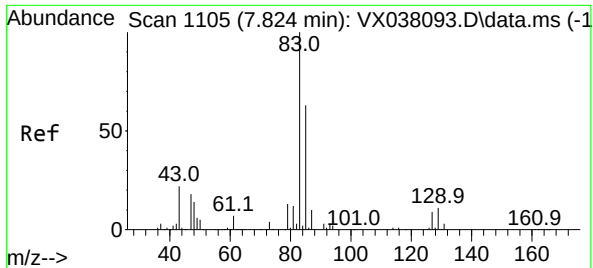
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

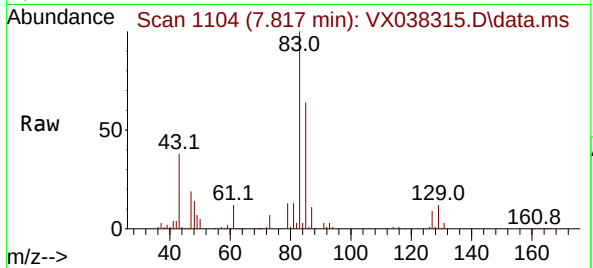
174 92.2 69.4 104.0





#47
Bromodichloromethane
Concen: 53.676 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

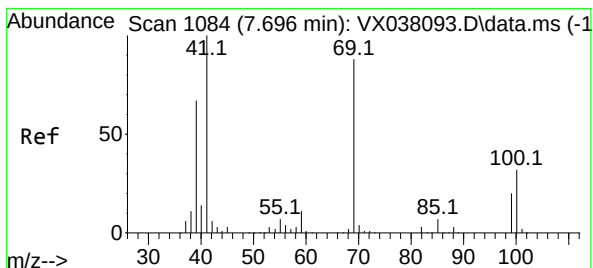
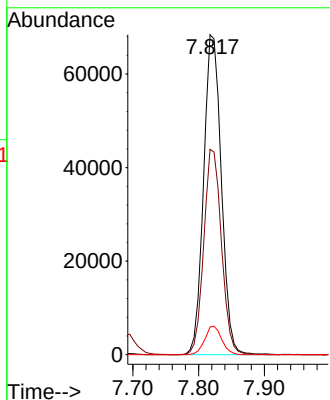
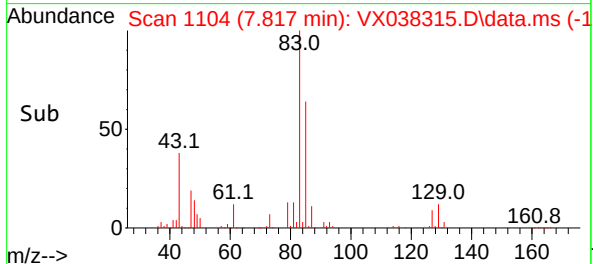
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



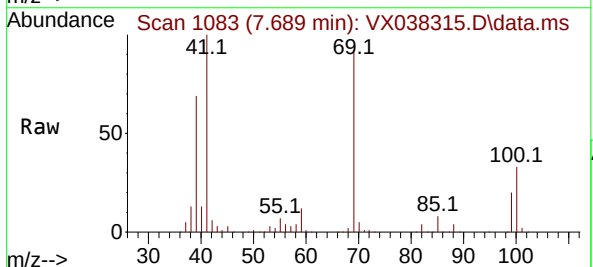
Tgt Ion: 83 Resp: 12832
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations
APPROVED

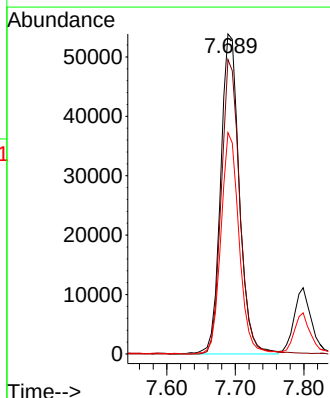
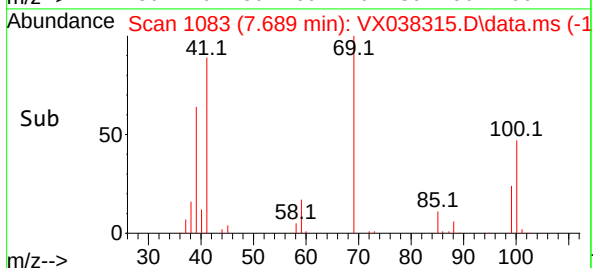
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

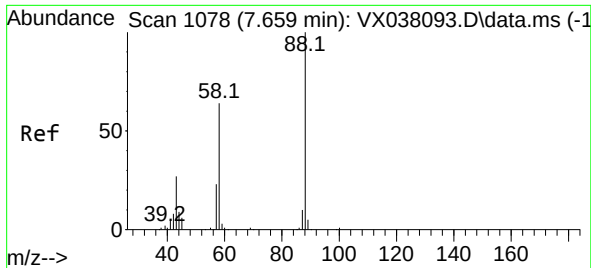


#48
Methyl methacrylate
Concen: 50.151 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



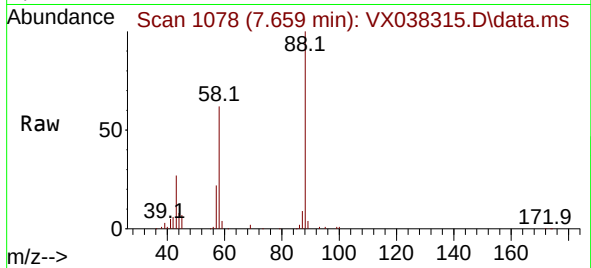
Tgt Ion: 41 Resp: 101598
Ion Ratio Lower Upper
41 100
69 91.1 59.2 88.8#
39 67.2 47.7 71.5





#49
1,4-Dioxane
Concen: 875.701 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

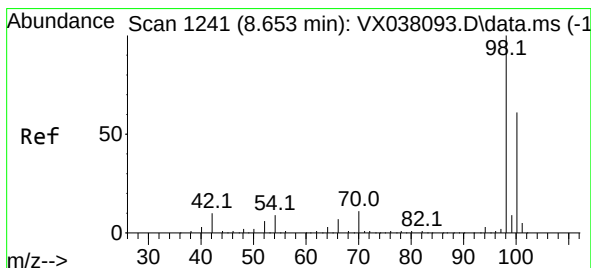
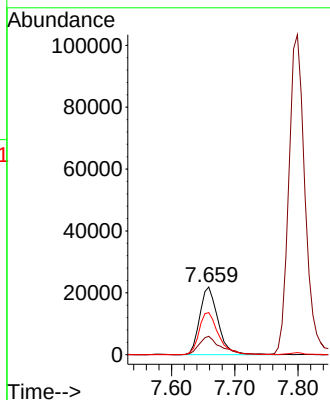
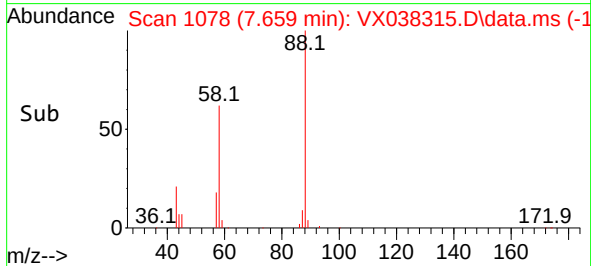
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 43710
Ion Ratio Lower Upper
88 100
43 32.3 0.0 0.0
58 66.3 60.1 90.1

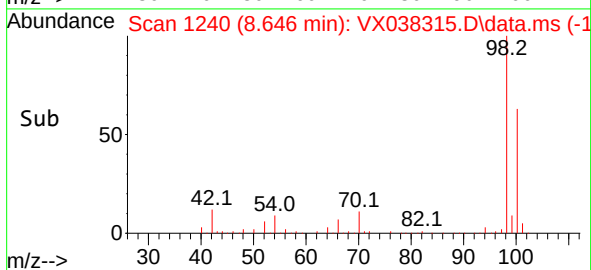
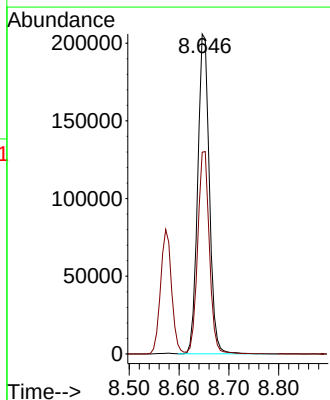
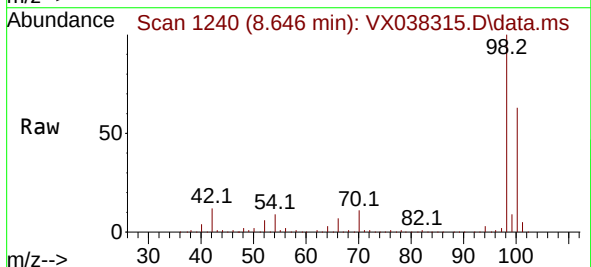
Manual Integrations
APPROVED

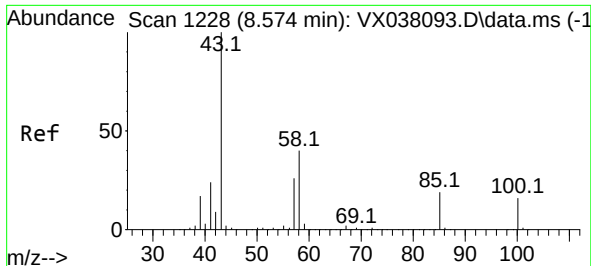
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#50
Toluene-d8
Concen: 50.144 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 98 Resp: 332587
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 254.498 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 74493

Ion Ratio Lower Upper

43 100

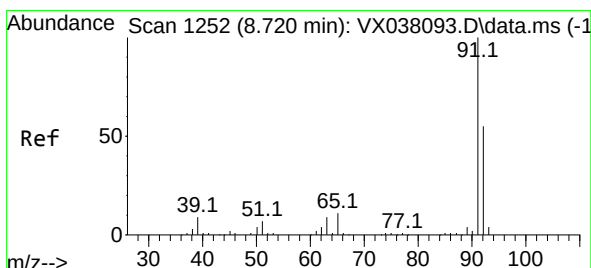
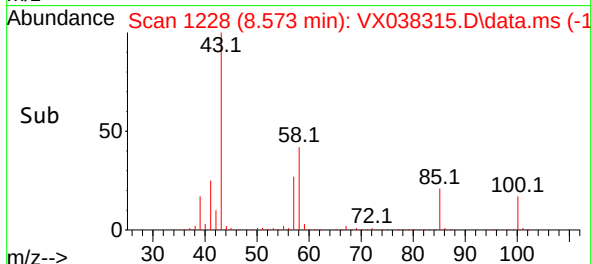
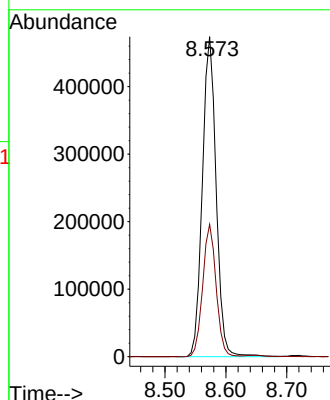
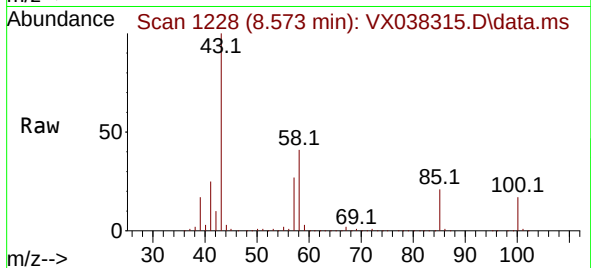
58 40.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#52

Toluene

Concen: 52.939 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038315.D

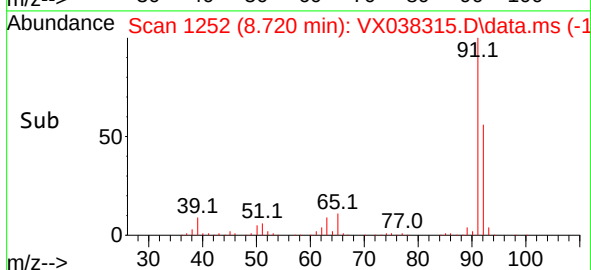
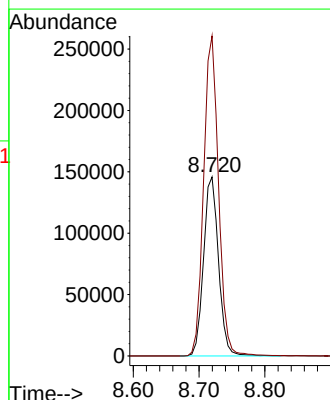
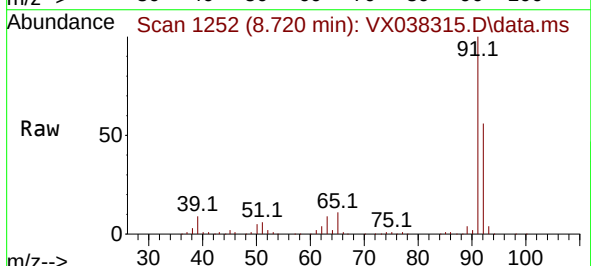
Acq: 16 Oct 2023 19:36

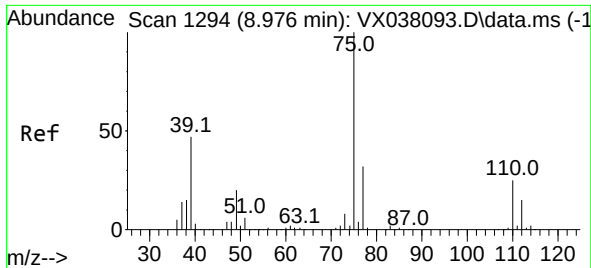
Tgt Ion: 92 Resp: 230862

Ion Ratio Lower Upper

92 100

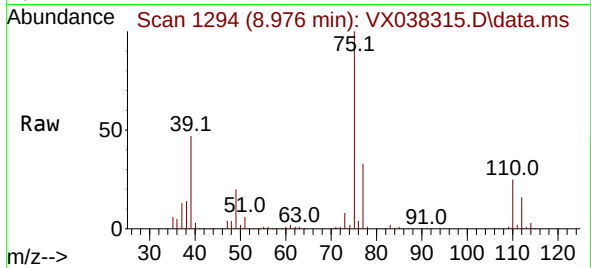
91 177.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.089 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

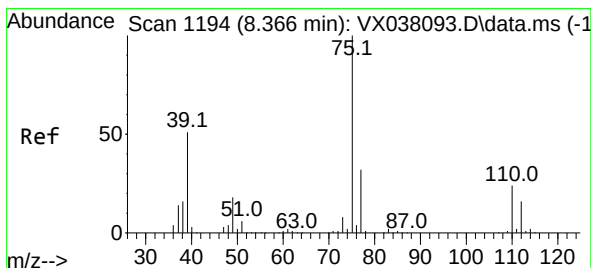
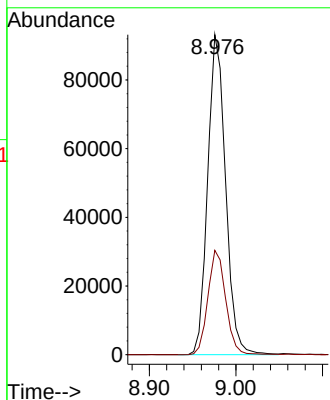
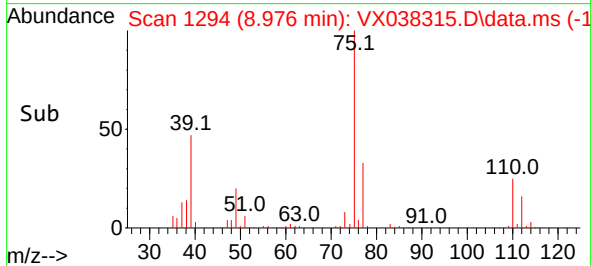
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



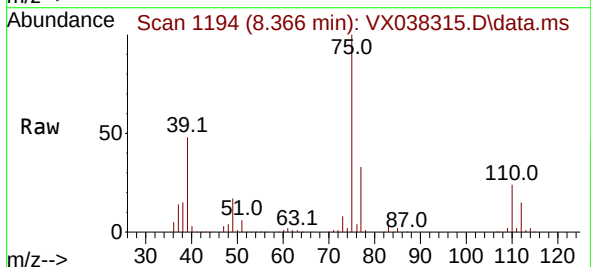
Tgt Ion: 75 Resp: 133668
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

Manual Integrations
APPROVED

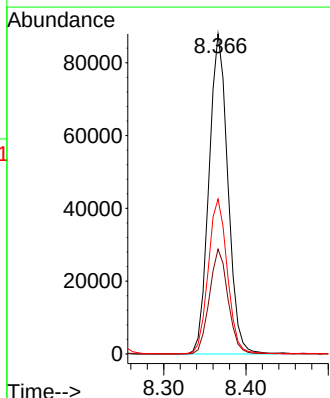
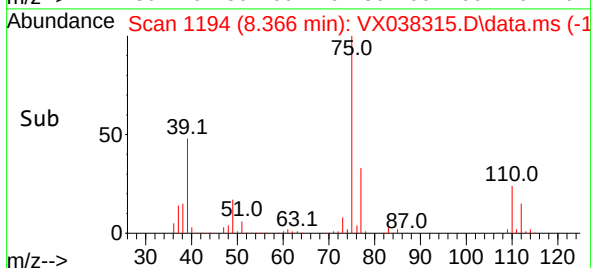
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

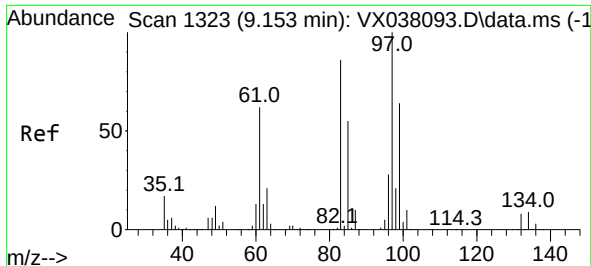


#54
cis-1,3-Dichloropropene
Concen: 52.073 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



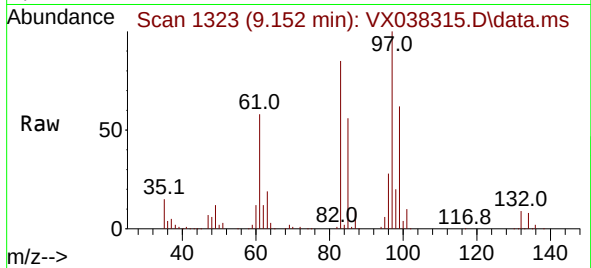
Tgt Ion: 75 Resp: 140394
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 48.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.839 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

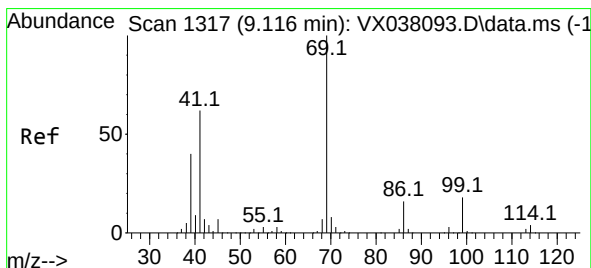
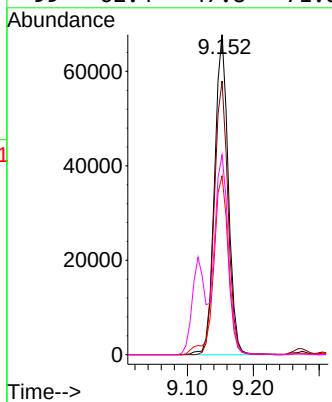
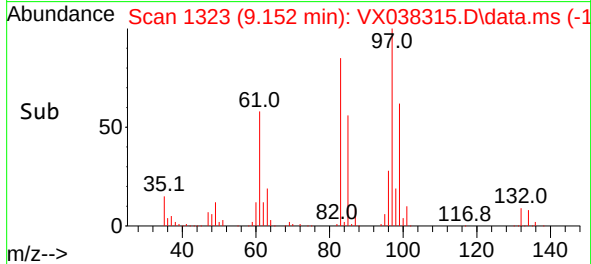
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



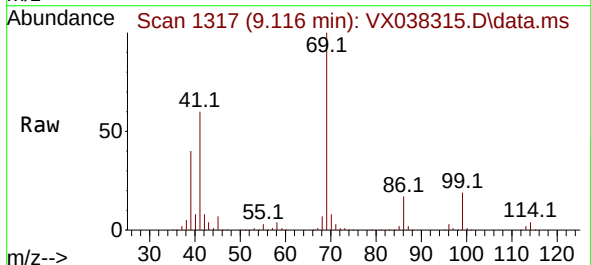
Tgt Ion: 97 Resp: 98560
Ion Ratio Lower Upper
97 100
83 85.5 65.8 98.8
85 55.8 41.6 62.4
99 62.4 47.8 71.8

Manual Integrations
APPROVED

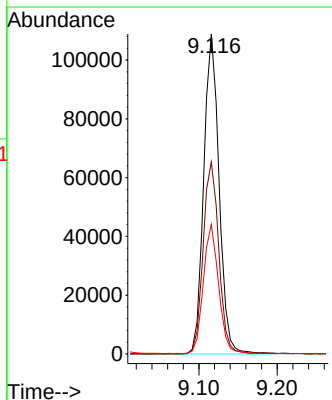
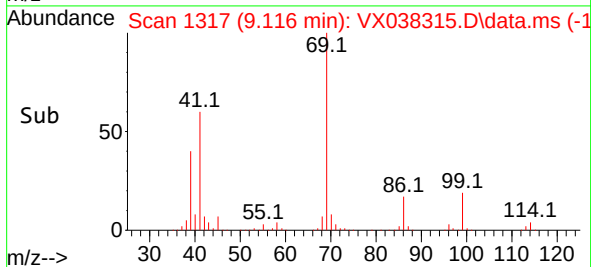
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

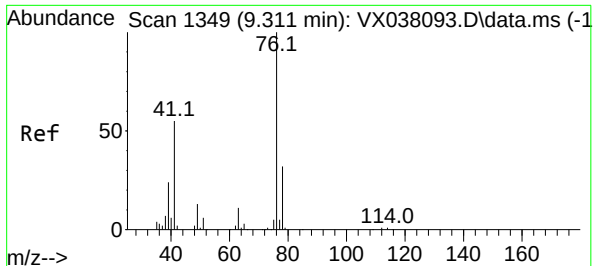


#56
Ethyl methacrylate
Concen: 51.823 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion: 69 Resp: 148210
Ion Ratio Lower Upper
69 100
41 60.9 56.8 85.2
39 40.6 32.0 48.0





#57
1,3-Dichloropropane
Concen: 51.629 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

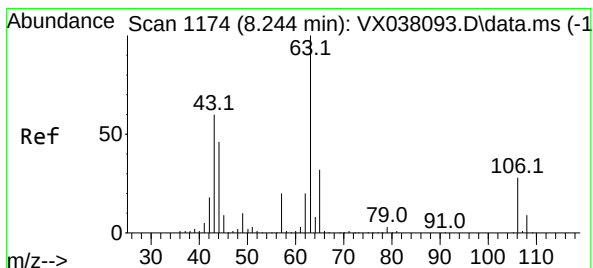
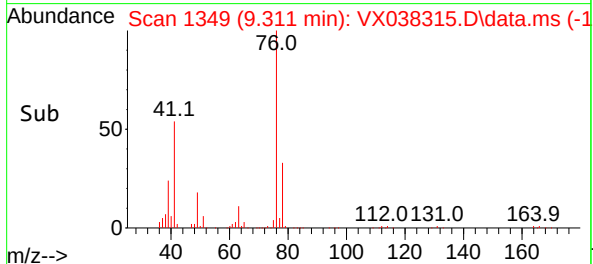
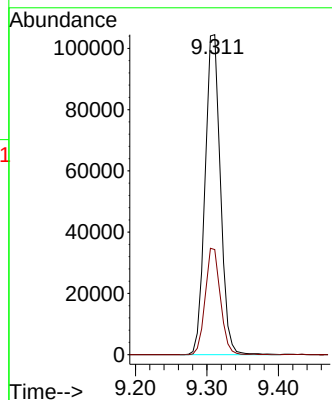
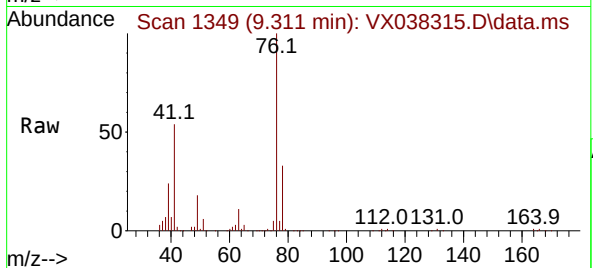
VSTDCCC050EC

Tgt Ion: 76 Resp: 15575
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations

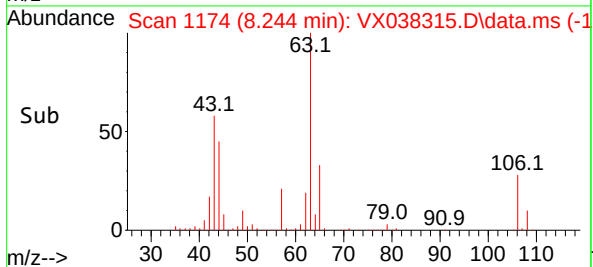
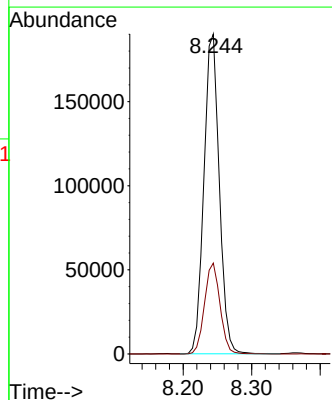
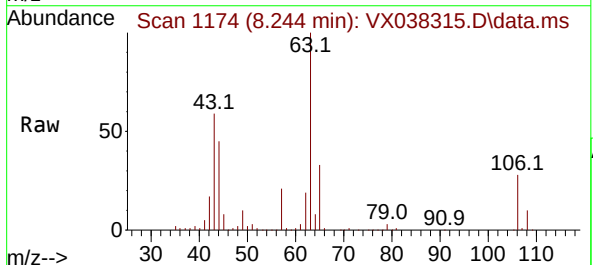
APPROVED

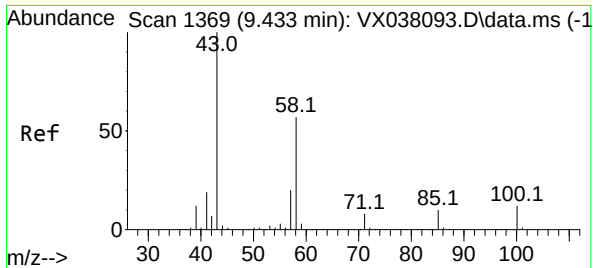
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 211.604 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion: 63 Resp: 297053
Ion Ratio Lower Upper
63 100
106 28.6 22.5 33.7





#59

2-Hexanone

Concen: 254.530 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 598949

Ion Ratio Lower Upper

43 100

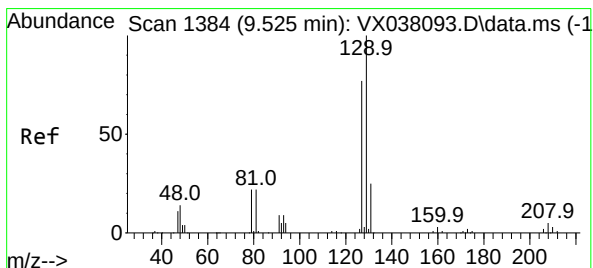
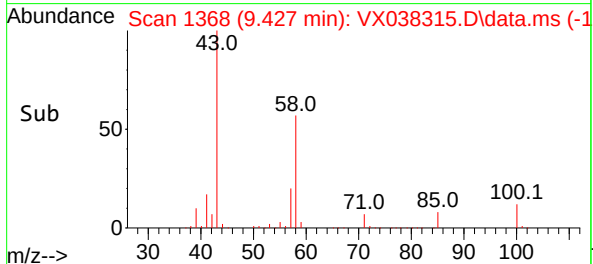
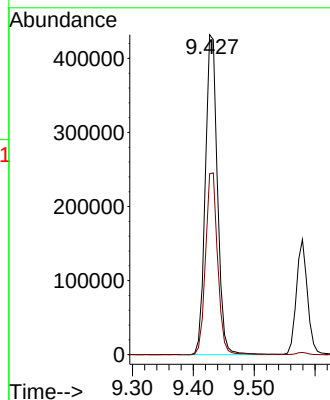
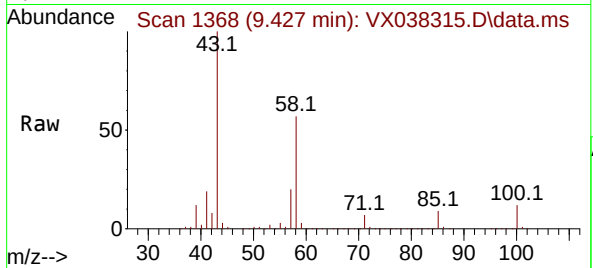
58 56.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#60

Dibromochloromethane

Concen: 56.266 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX038315.D

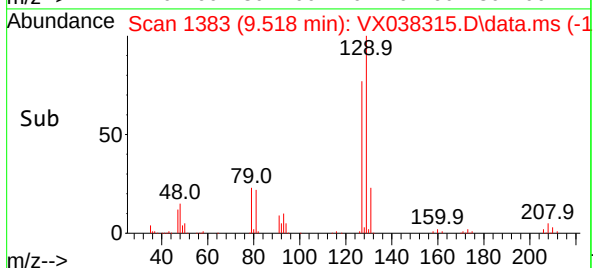
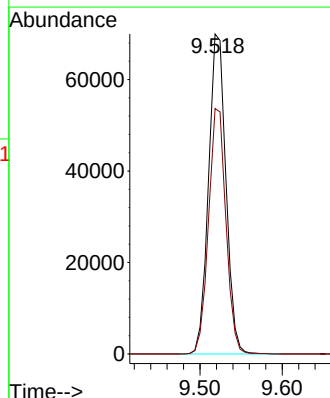
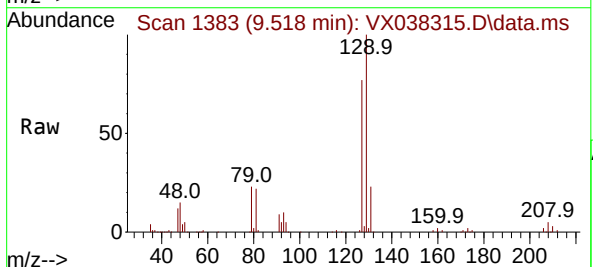
Acq: 16 Oct 2023 19:36

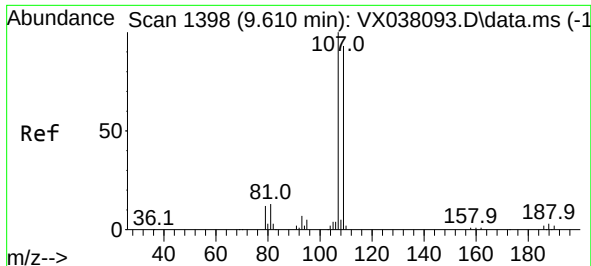
Tgt Ion:129 Resp: 102718

Ion Ratio Lower Upper

129 100

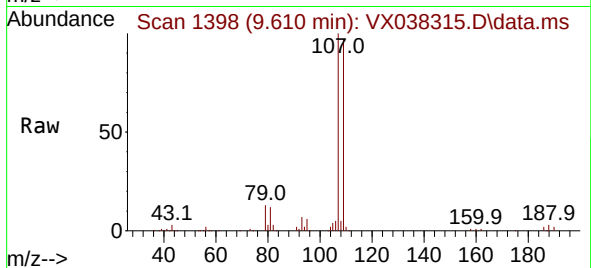
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.617 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

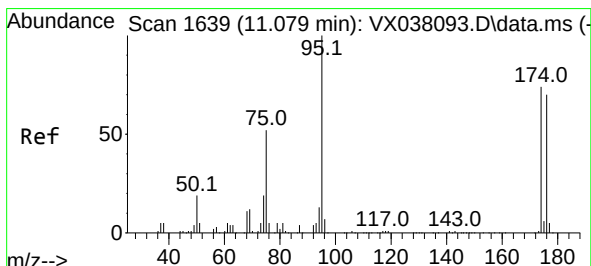
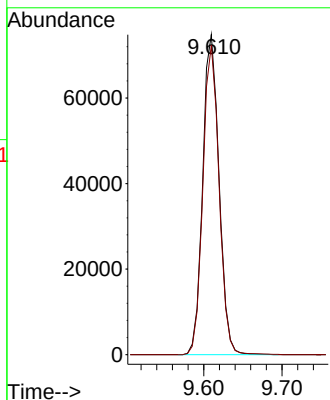
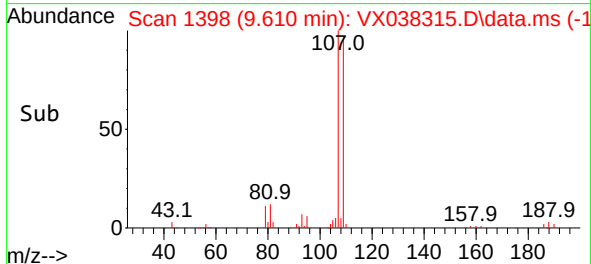
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



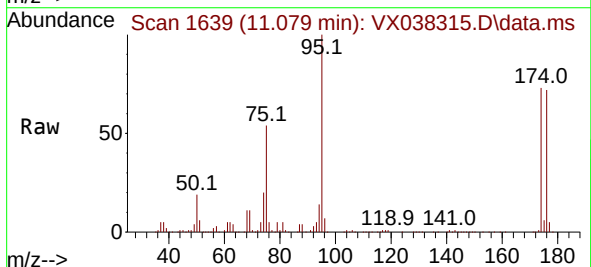
Tgt Ion:107 Resp: 108152
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

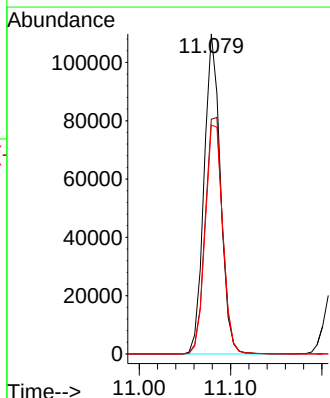
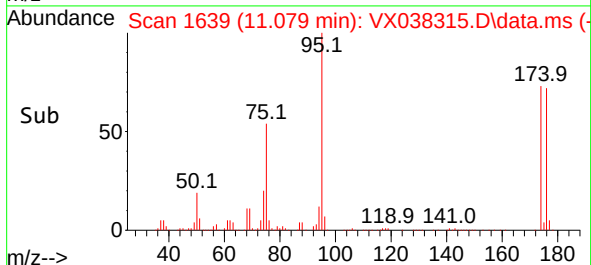
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

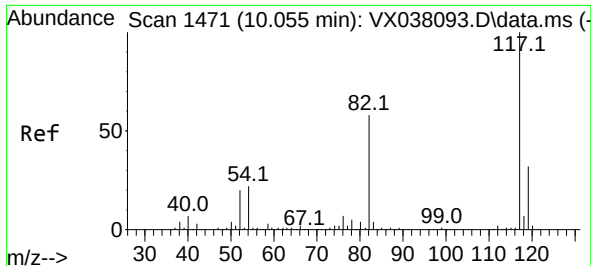


#62
4-Bromofluorobenzene
Concen: 54.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



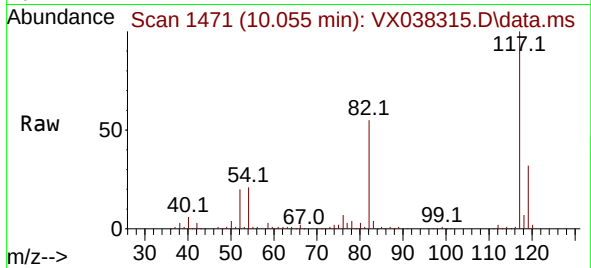
Tgt Ion: 95 Resp: 135877
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 77.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

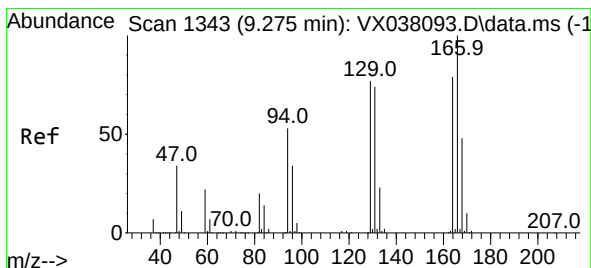
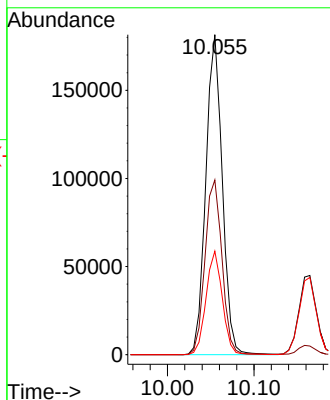
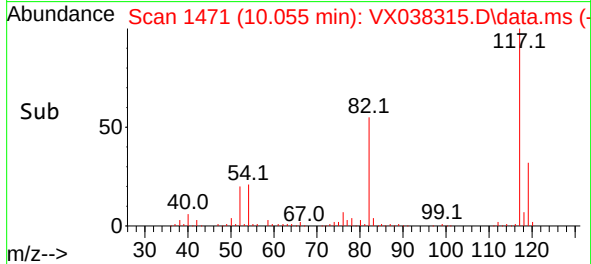
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 240040
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.4 25.5 38.3

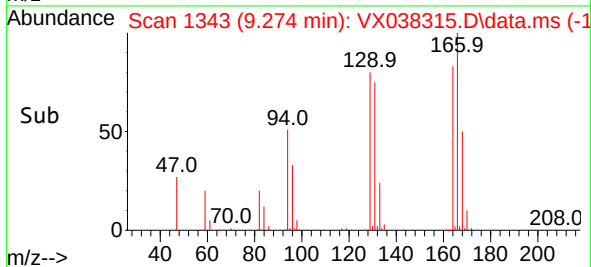
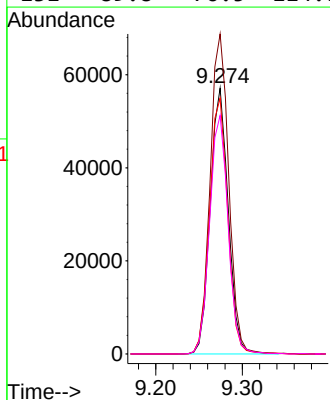
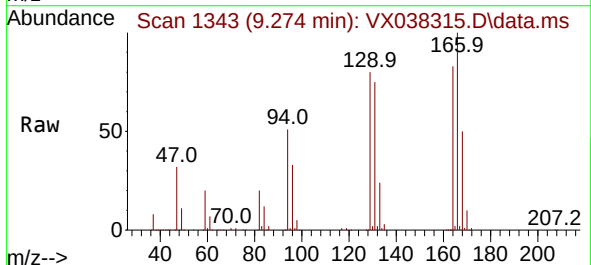
Manual Integrations
APPROVED

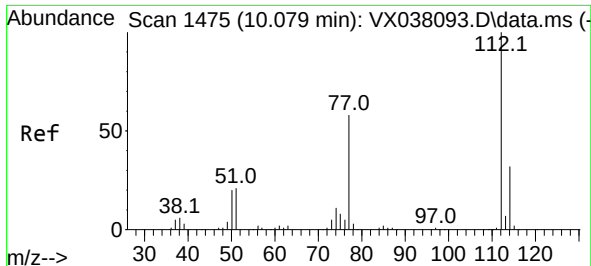
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#64
Tetrachloroethene
Concen: 53.178 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

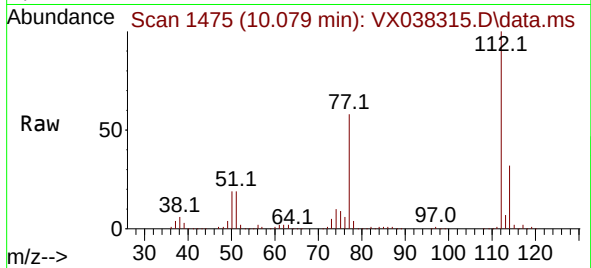
Tgt Ion:164 Resp: 82636
Ion Ratio Lower Upper
164 100
166 120.4 102.7 154.1
129 96.3 80.4 120.6
131 89.8 76.5 114.7





#65
Chlorobenzene
Concen: 51.235 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

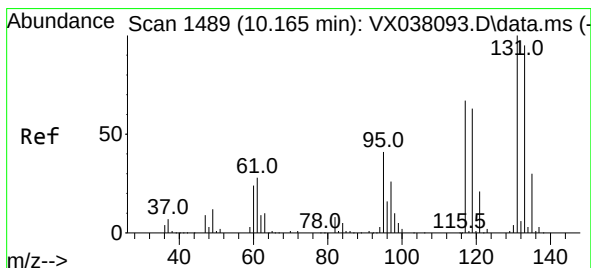
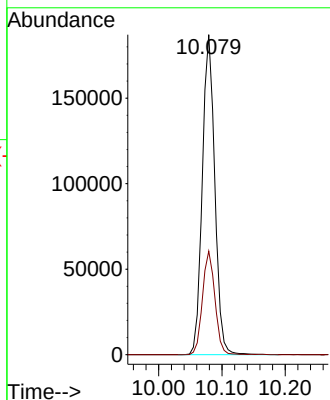
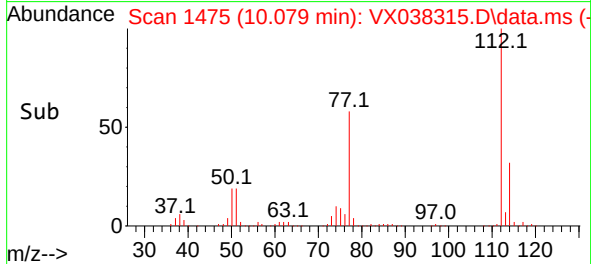
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 257350
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

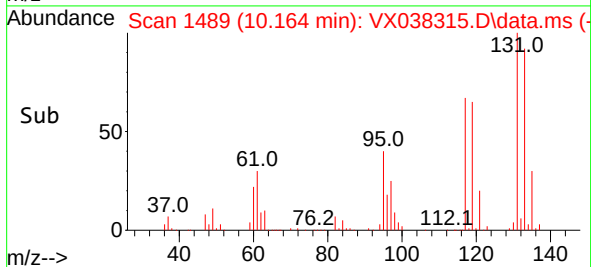
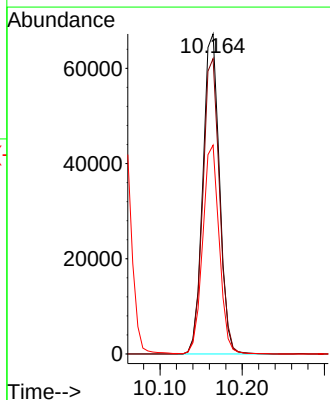
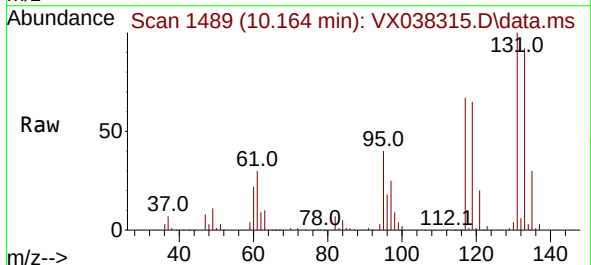
Manual Integrations
APPROVED

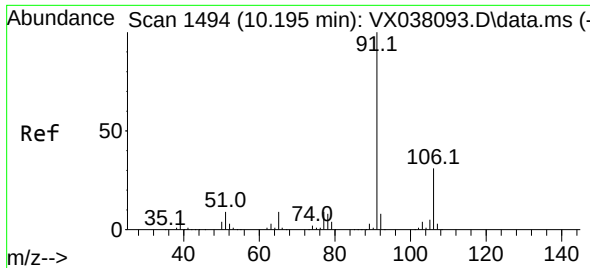
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.332 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

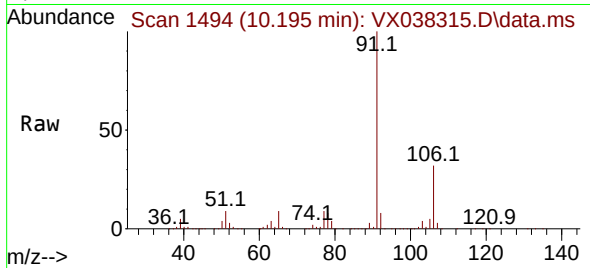
Tgt Ion:131 Resp: 93982
Ion Ratio Lower Upper
131 100
133 93.2 47.1 141.4
119 65.3 32.2 96.6





#67
Ethyl Benzene
Concen: 51.877 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

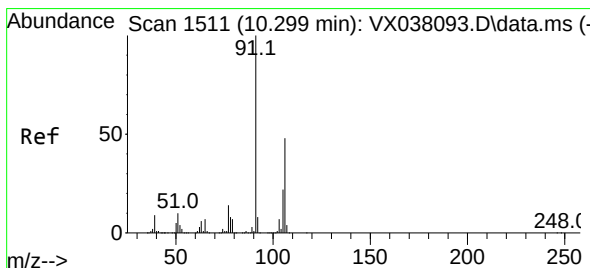
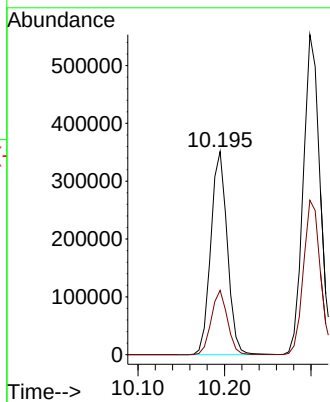
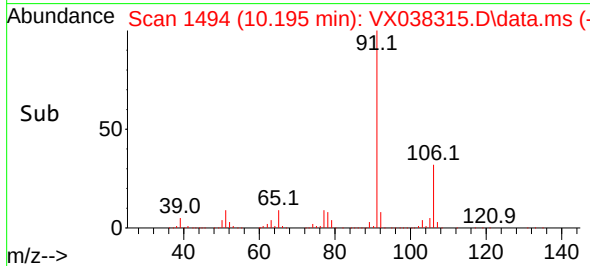
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



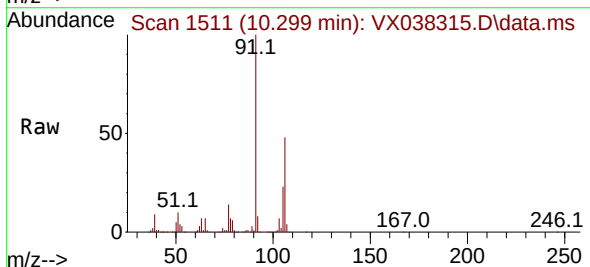
Tgt Ion: 91 Resp: 465129
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

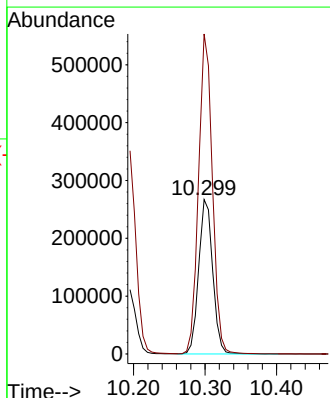
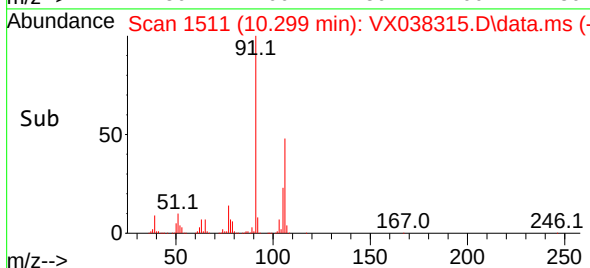
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

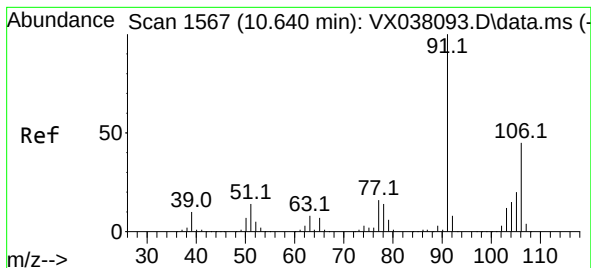


#68
m/p-Xylenes
Concen: 104.813 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion:106 Resp: 363366
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3





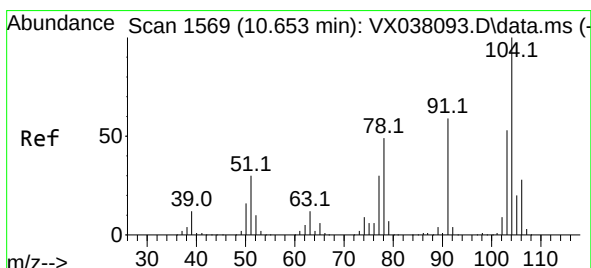
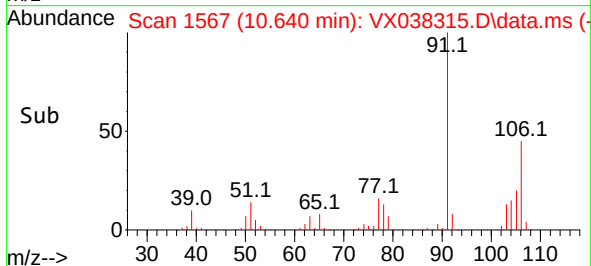
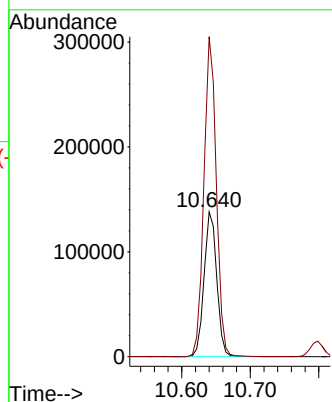
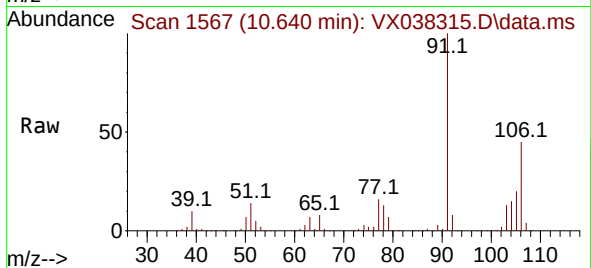
#69
o-Xylene
Concen: 52.622 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 178050
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8

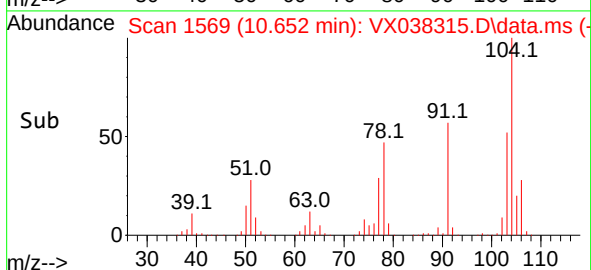
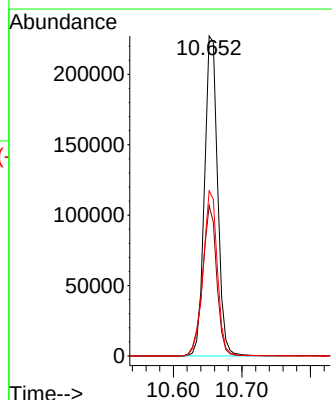
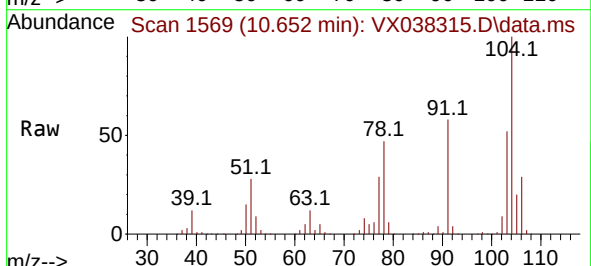
Manual Integrations
APPROVED

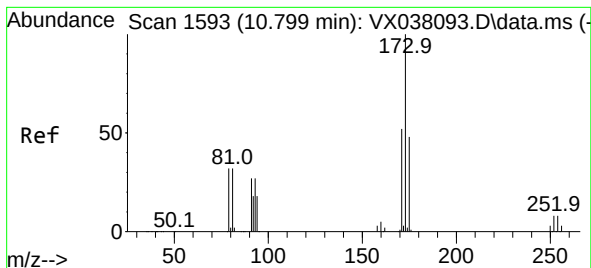
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#70
Styrene
Concen: 55.185 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

Tgt Ion:104 Resp: 304081
Ion Ratio Lower Upper
104 100
78 50.7 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 49.515 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

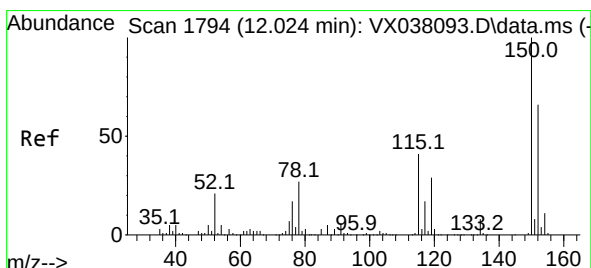
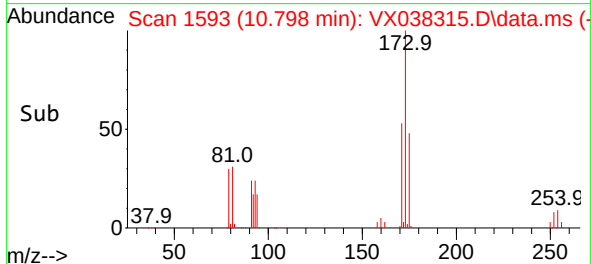
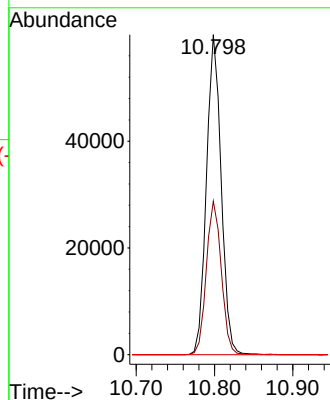
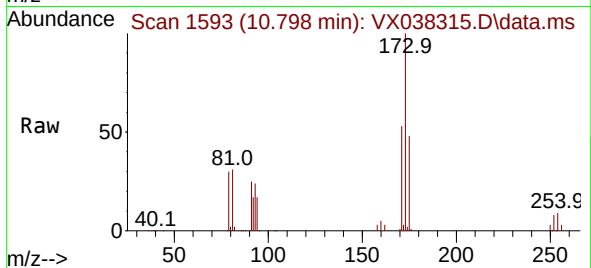
Tgt Ion:173 Resp: 7797
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

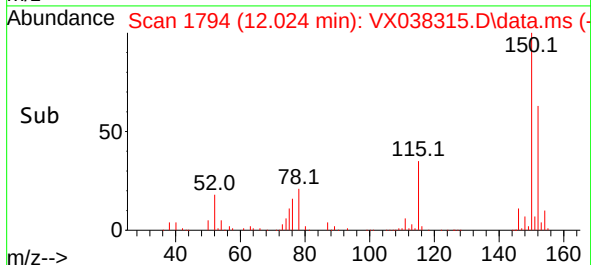
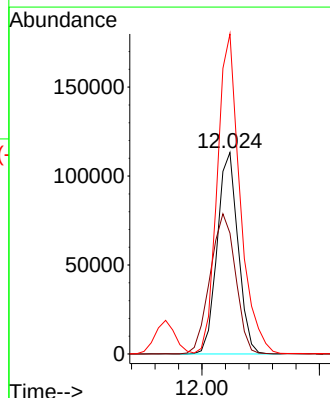
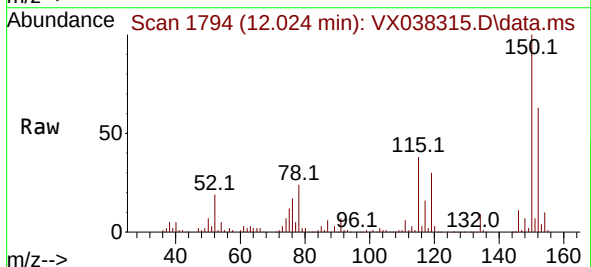
RT: 12.024 min Scan# 1794

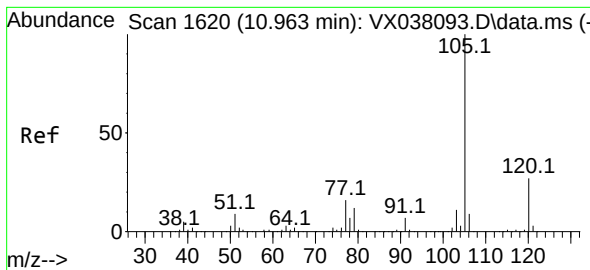
Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion:152 Resp: 139695
 Ion Ratio Lower Upper
 152 100
 115 85.0 43.3 129.9
 150 173.2 0.0 345.0





#73

Isopropylbenzene

Concen: 50.625 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 47427

Ion Ratio Lower Upper

105 100

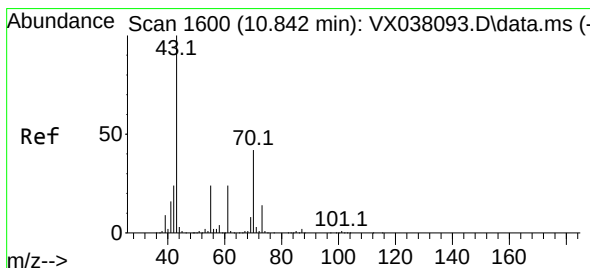
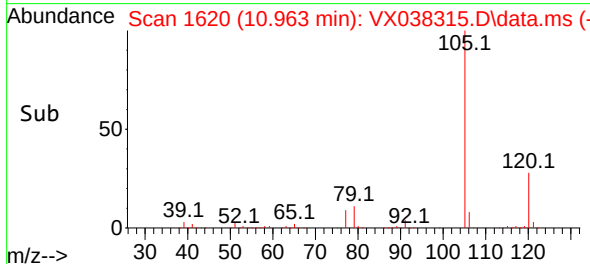
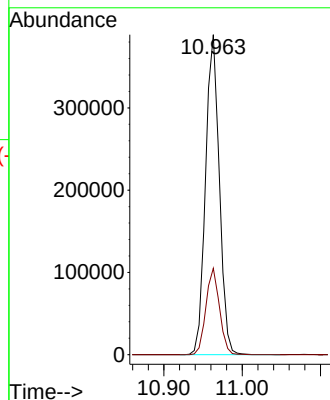
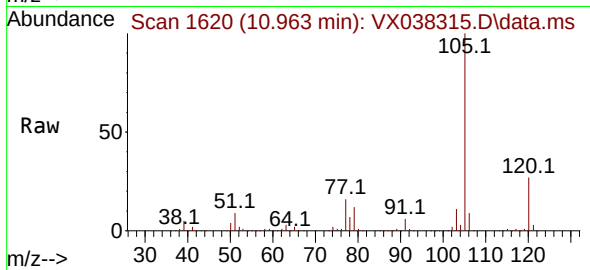
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#74

N-ethyl acetate

Concen: 48.835 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion: 43 Resp: 195369

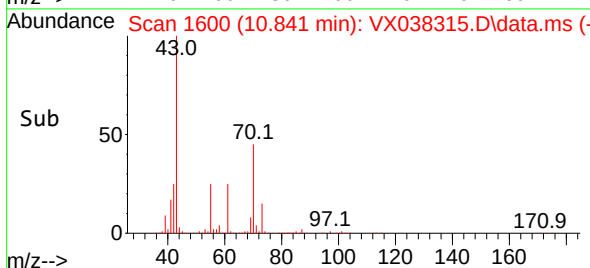
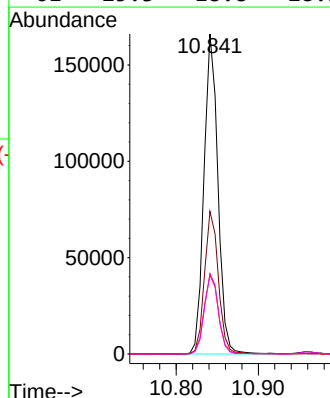
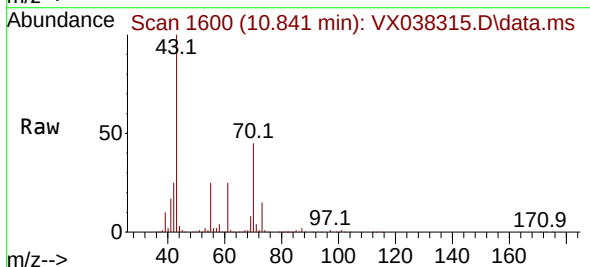
Ion Ratio Lower Upper

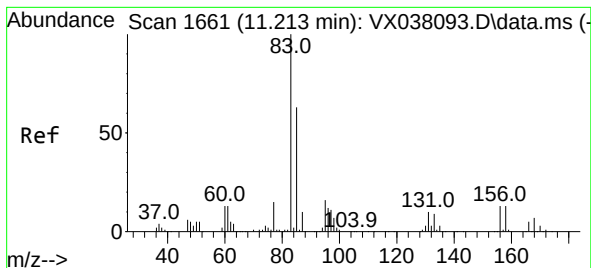
43 100

70 44.5 32.9 49.3

55 25.5 19.3 28.9

61 25.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.970 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

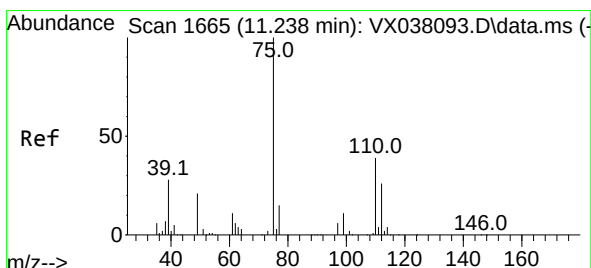
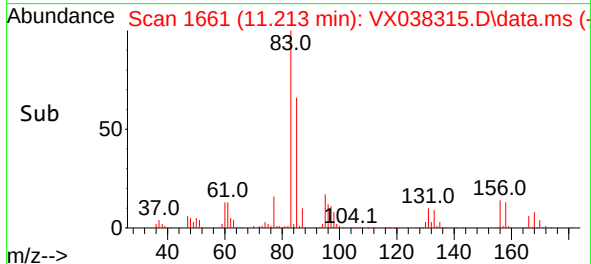
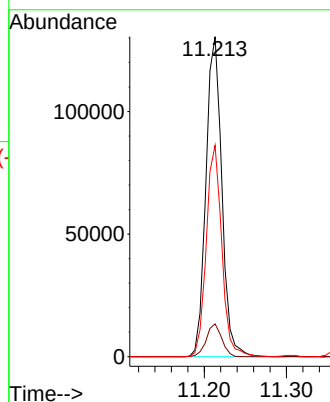
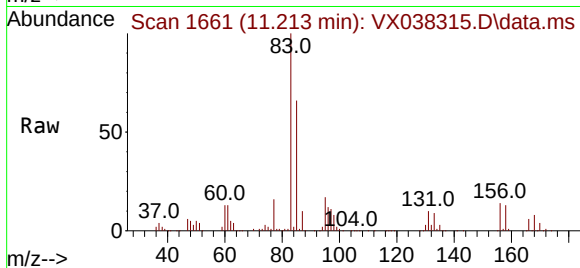
Tgt Ion: 83 Resp: 175218
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.8
 85 64.5 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#76

1,2,3-Trichloropropane

Concen: 50.065 ug/l m

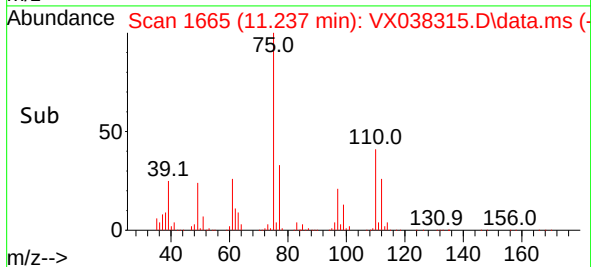
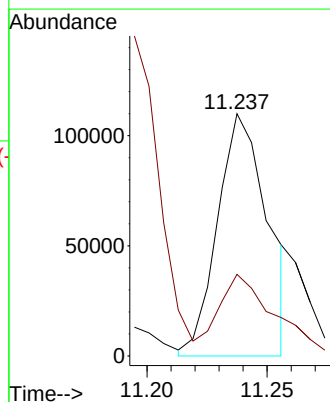
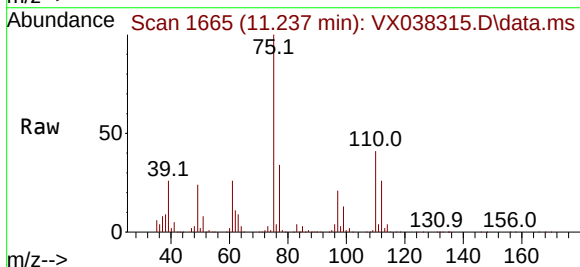
RT: 11.237 min Scan# 1665

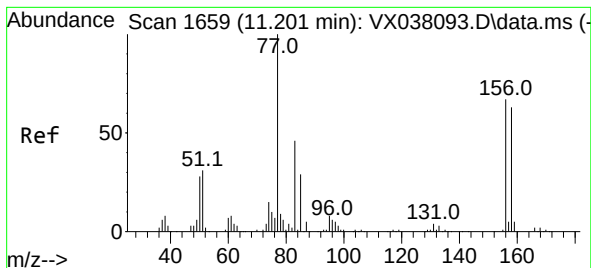
Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion: 75 Resp: 158996
 Ion Ratio Lower Upper
 75 100
 77 38.2 19.1 57.5





#77

Bromobenzene

Concen: 51.376 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

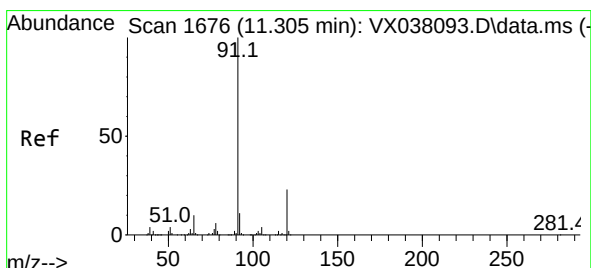
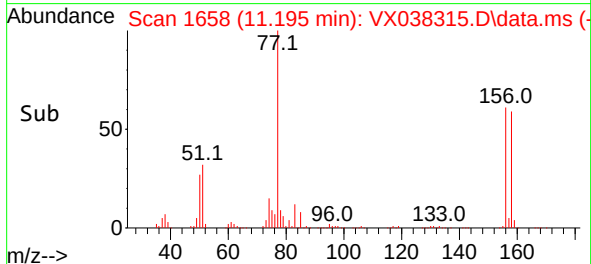
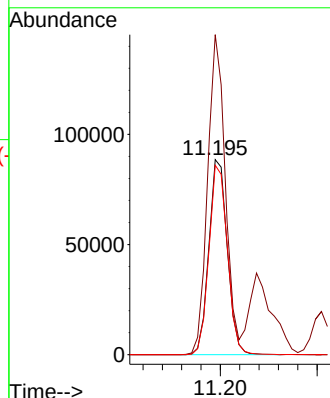
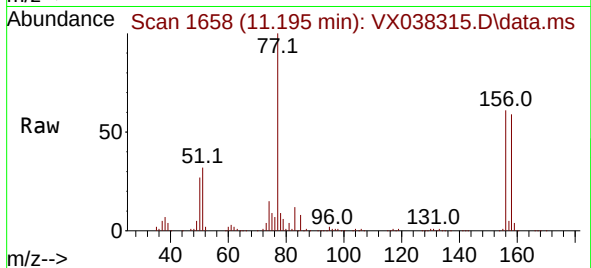
Tgt Ion:156 Resp: 117507
 Ion Ratio Lower Upper
 156 100
 77 156.7 88.4 265.3
 158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#78

n-propylbenzene

Concen: 49.708 ug/l

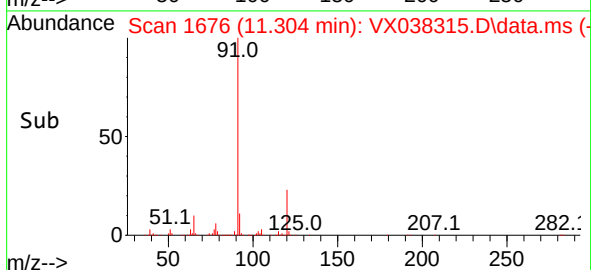
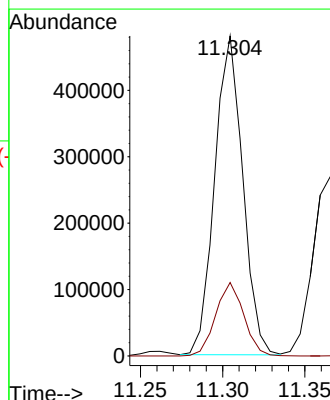
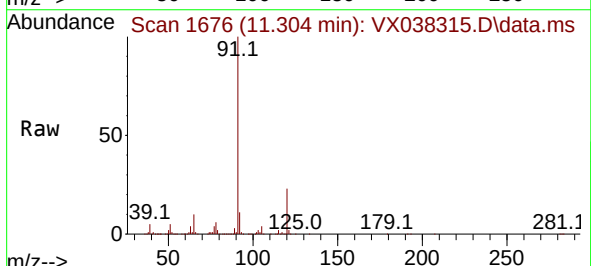
RT: 11.304 min Scan# 1676

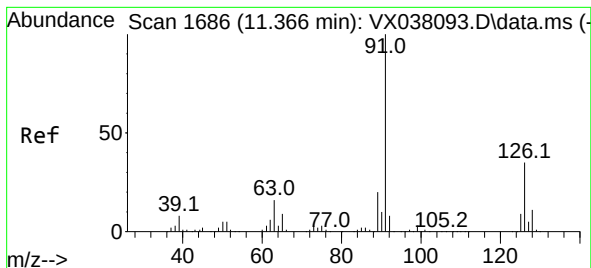
Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

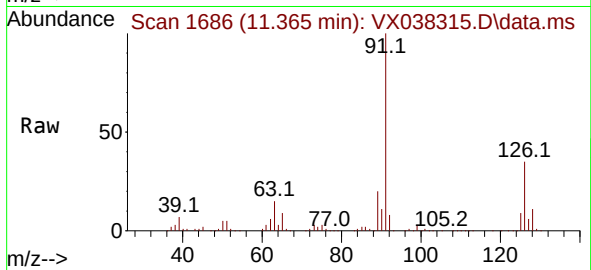
Tgt Ion: 91 Resp: 569410
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.263 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

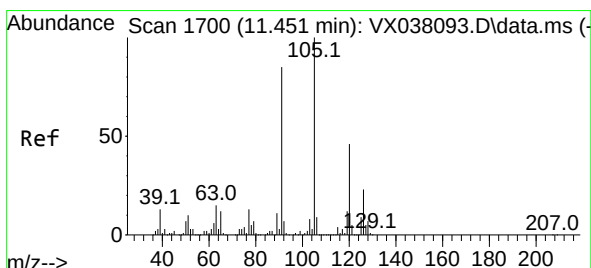
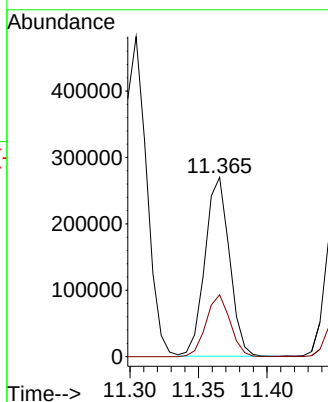
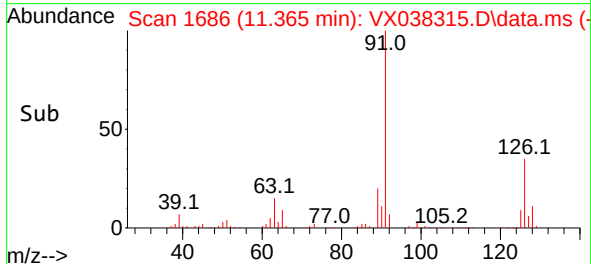
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 334664
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

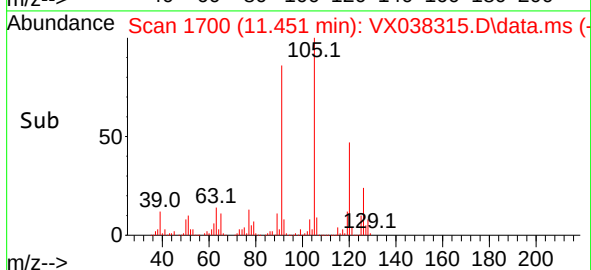
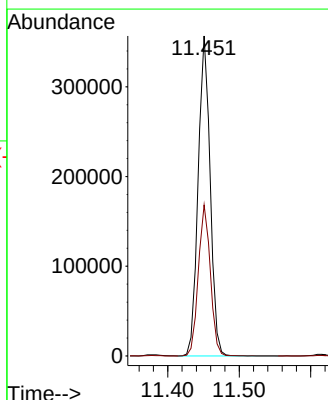
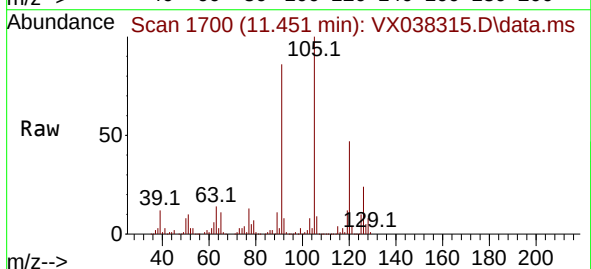
Manual Integrations
APPROVED

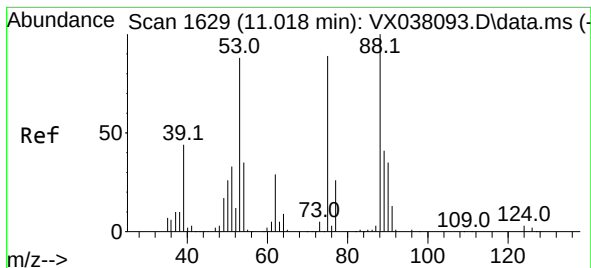
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.344 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

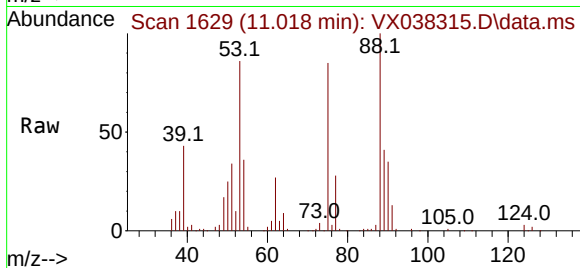
Tgt Ion:105 Resp: 414983
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.916 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

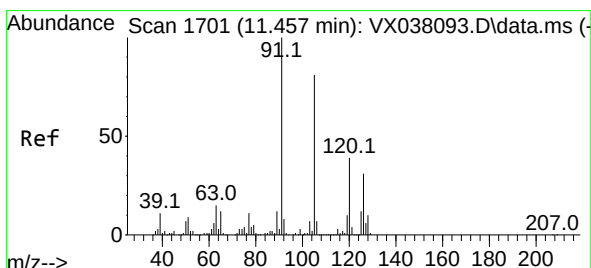
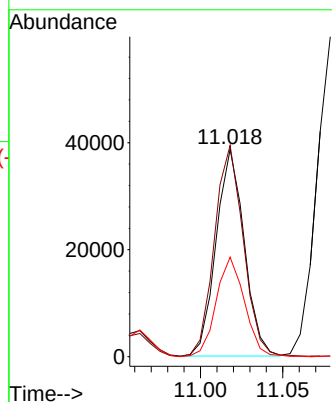
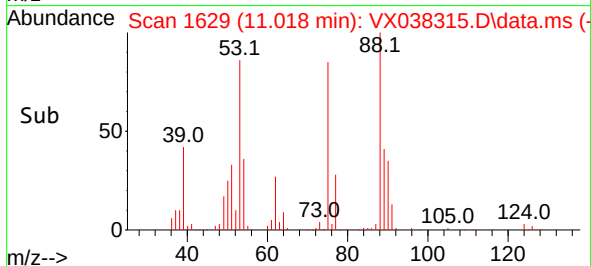
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 46000
Ion Ratio Lower Upper
75 100
53 104.7 90.5 135.7
89 48.4 36.9 55.3

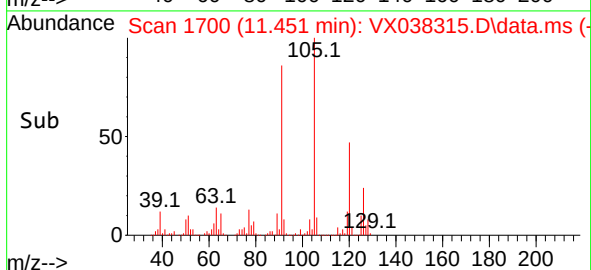
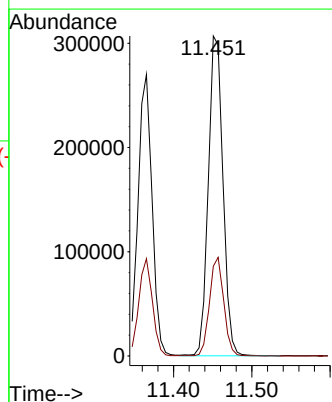
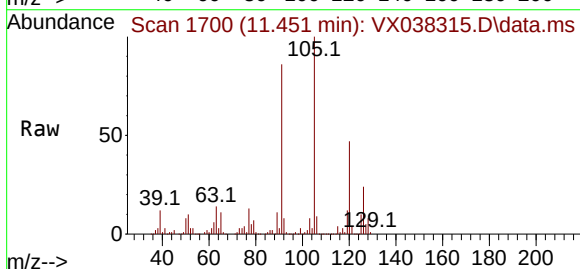
Manual Integrations
APPROVED

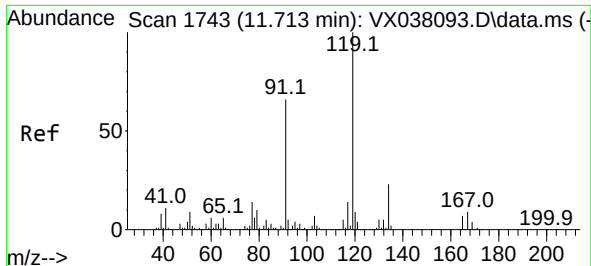
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#82
4-Chlorotoluene
Concen: 49.420 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

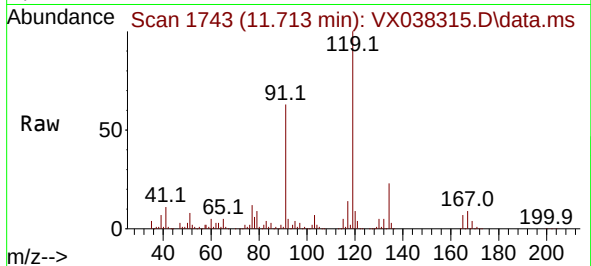
Tgt Ion: 91 Resp: 397283
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.254 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

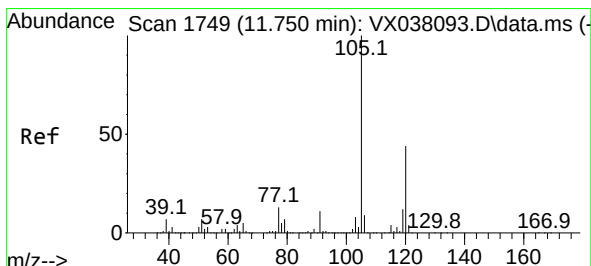
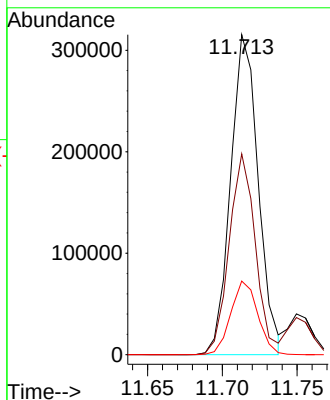
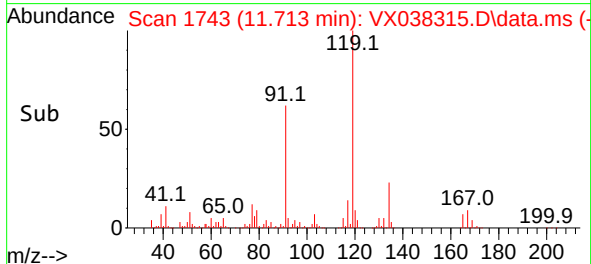
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 404780
Ion Ratio Lower Upper
119 100
91 59.7 31.2 93.6
134 22.5 11.7 35.0

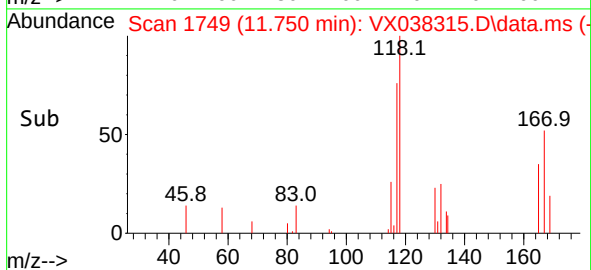
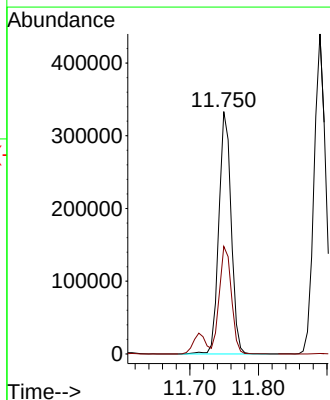
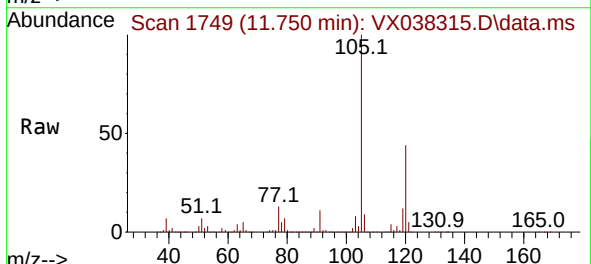
Manual Integrations
APPROVED

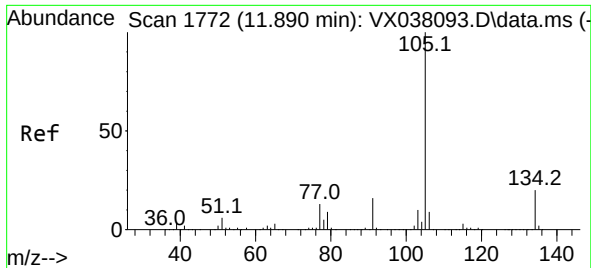
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.134 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

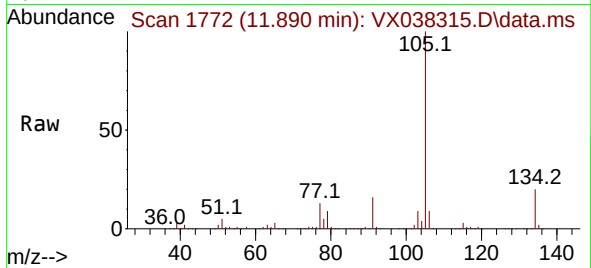
Tgt Ion:105 Resp: 412068
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.324 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038315.D
 Acq: 16 Oct 2023 19:36

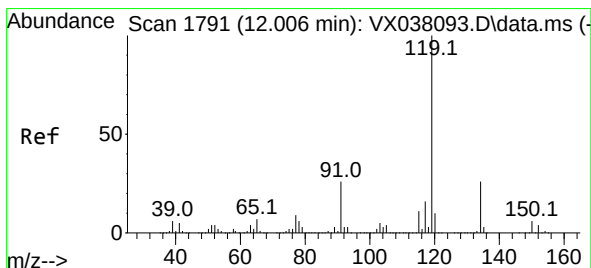
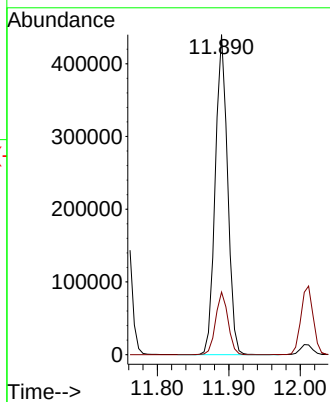
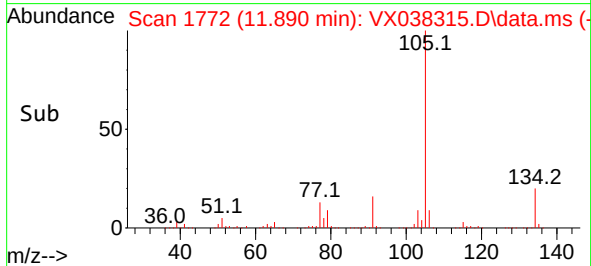
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



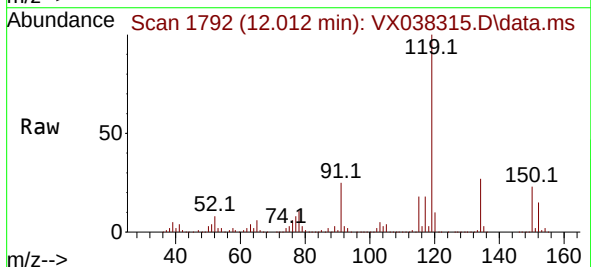
Tgt Ion:105 Resp: 525060
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

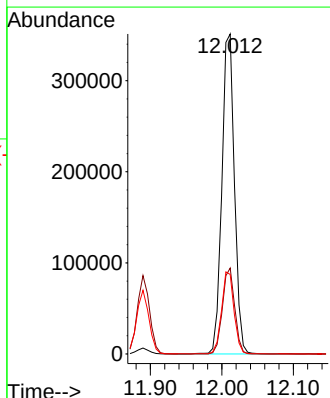
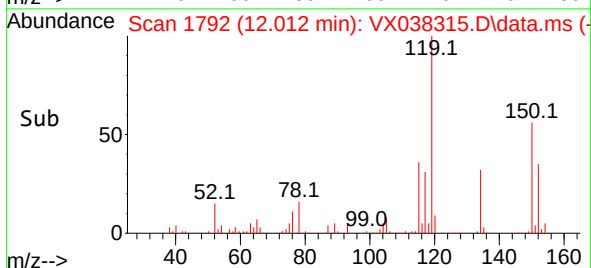
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023

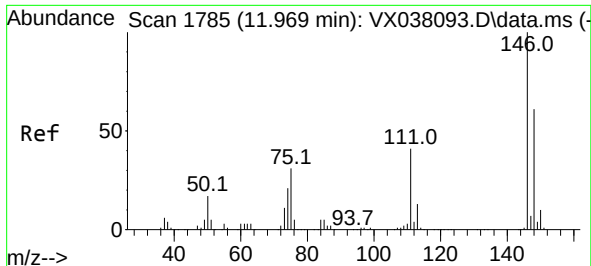


#86
 p-Isopropyltoluene
 Concen: 50.870 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038315.D
 Acq: 16 Oct 2023 19:36



Tgt Ion:119 Resp: 429370
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.627 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038315.D

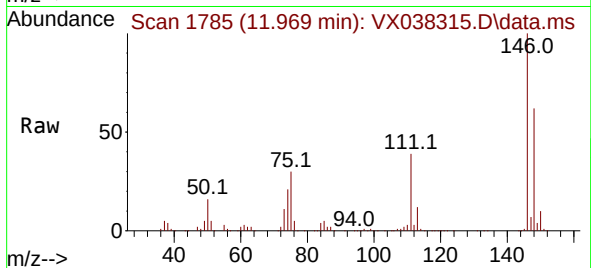
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 227980

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.1

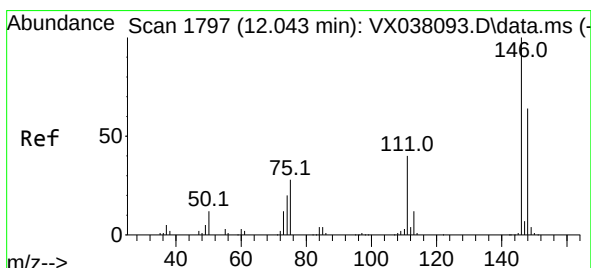
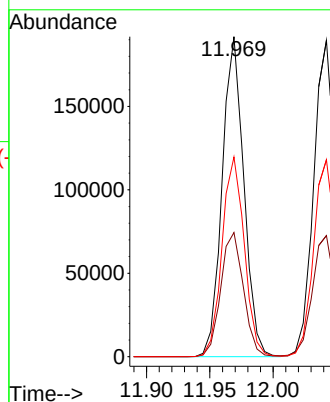
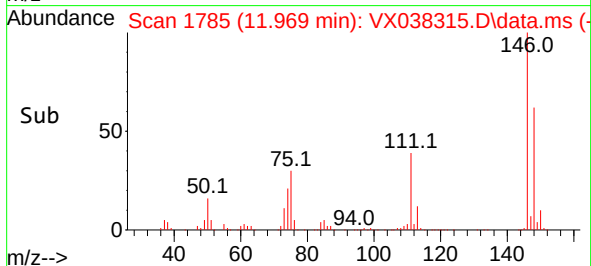
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#88

1,4-Dichlorobenzene

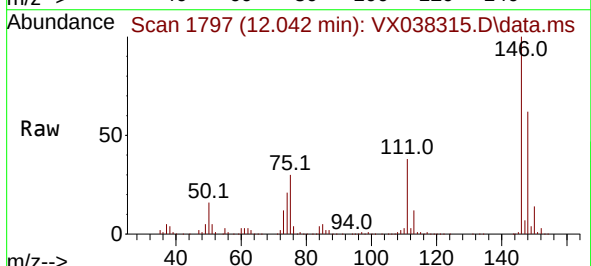
Concen: 49.654 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038315.D

Acq: 16 Oct 2023 19:36



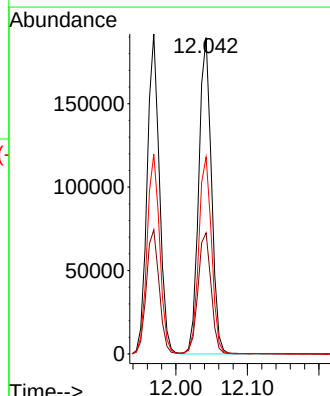
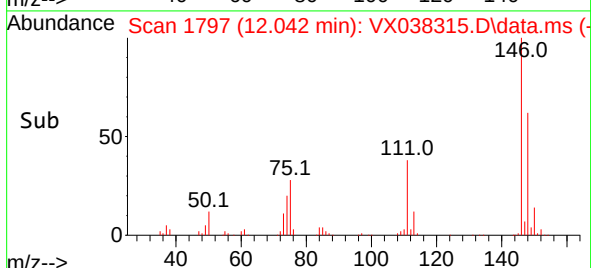
Tgt Ion:146 Resp: 232881

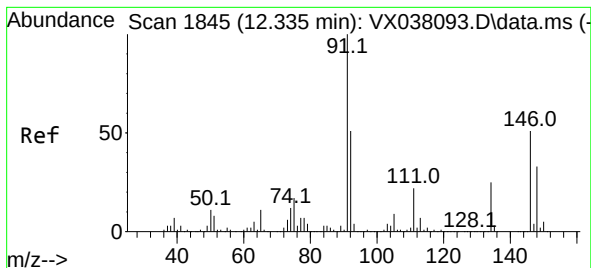
Ion Ratio Lower Upper

146 100

111 39.6 21.3 63.7

148 62.9 31.8 95.4





#89

n-Butylbenzene

Concen: 48.076 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038315.D

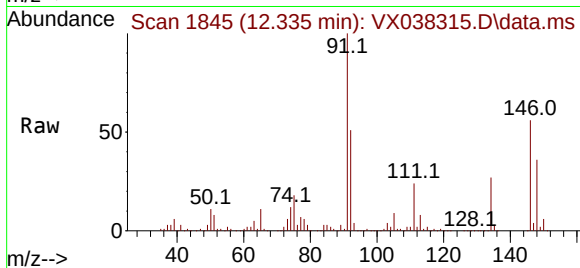
Acq: 16 Oct 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 404130

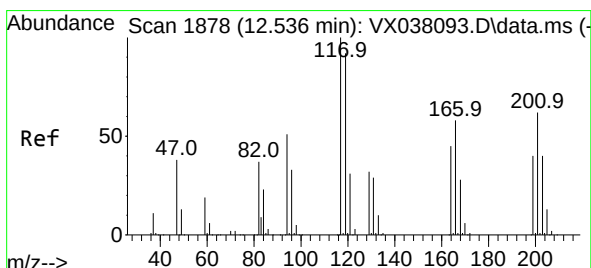
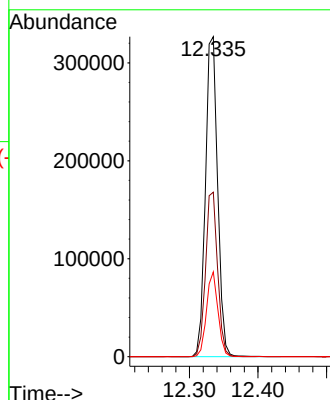
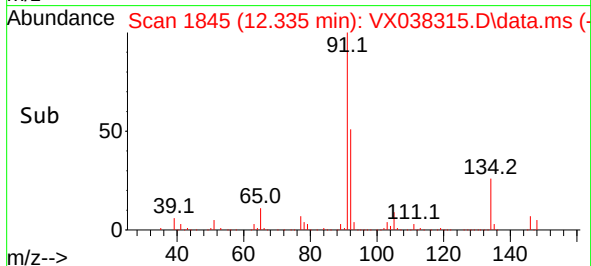
Ion	Ratio	Lower	Upper
91	100		
92	51.1	27.4	82.0
134	25.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#90

Hexachloroethane

Concen: 52.524 ug/l

RT: 12.536 min Scan# 1878

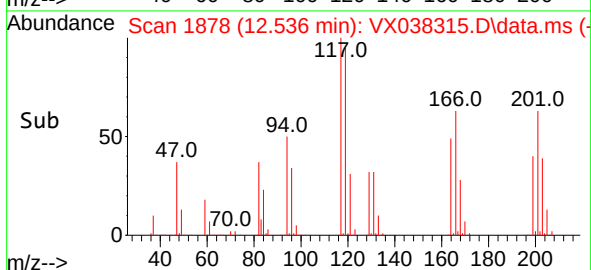
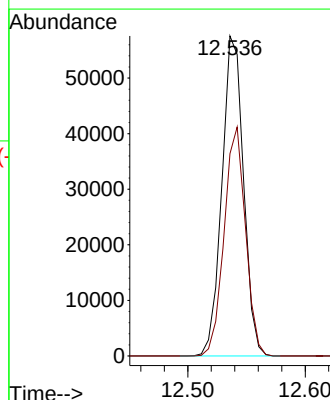
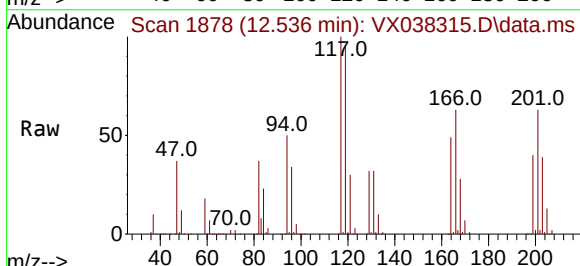
Delta R.T. -0.000 min

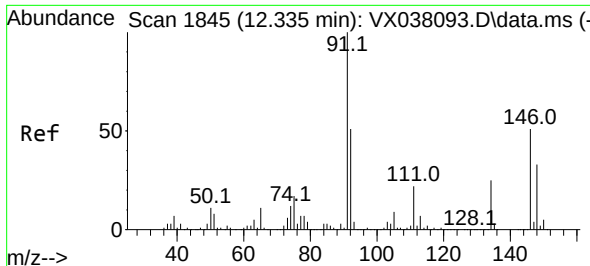
Lab File: VX038315.D

Acq: 16 Oct 2023 19:36

Tgt Ion:117 Resp: 73505

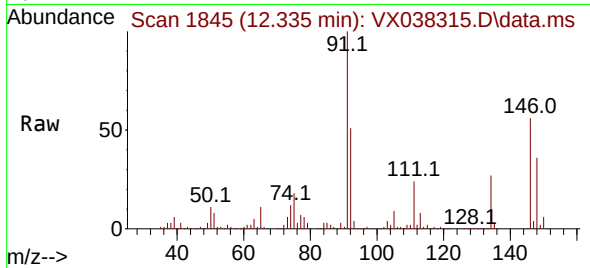
Ion	Ratio	Lower	Upper
117	100		
201	70.7	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 50.267 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

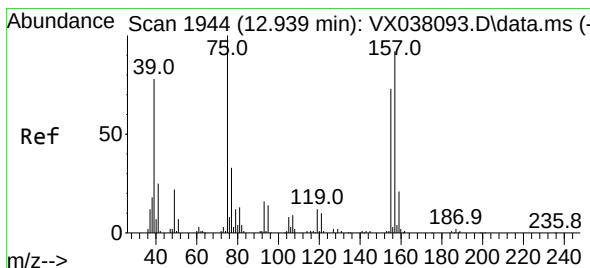
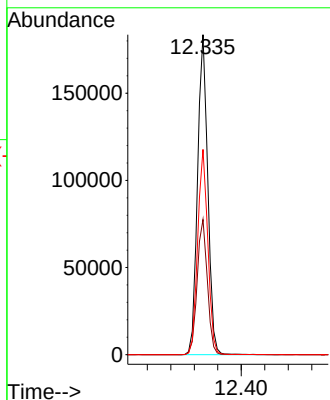
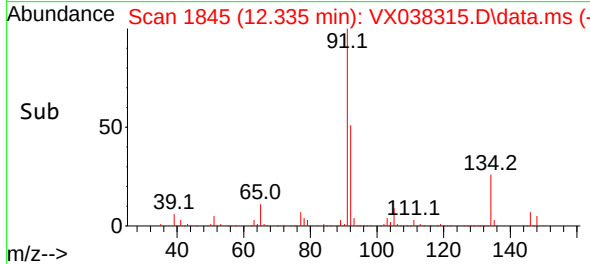
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



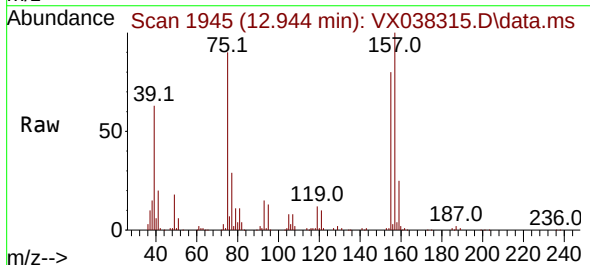
Tgt Ion:146 Resp: 22197
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

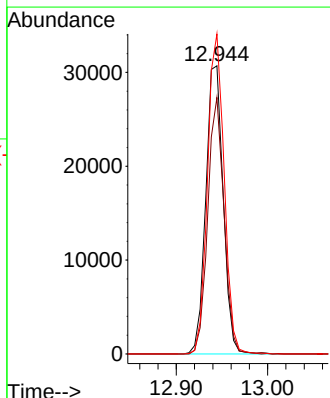
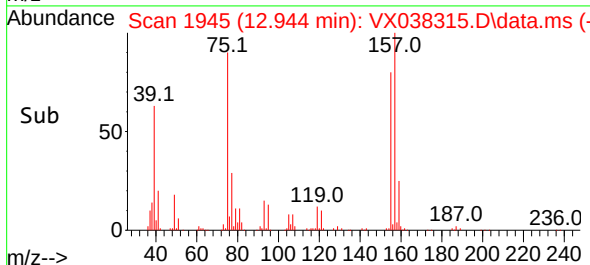
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

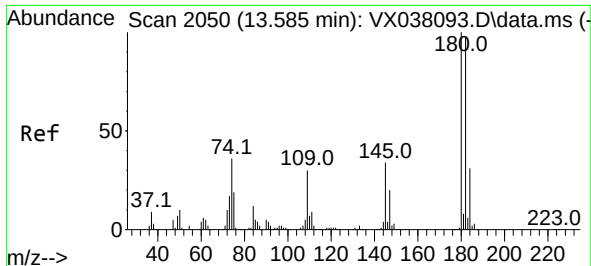


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.756 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



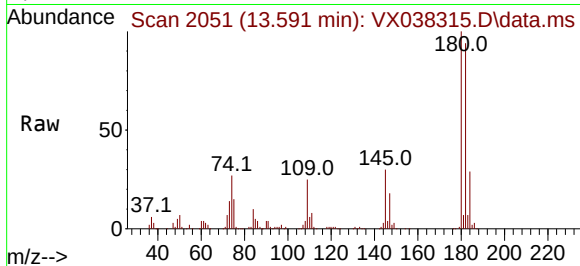
Tgt Ion: 75 Resp: 40524
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 106.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 47.275 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

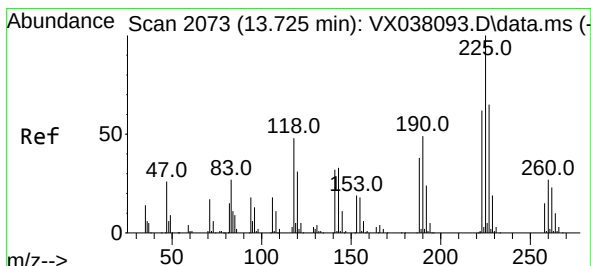
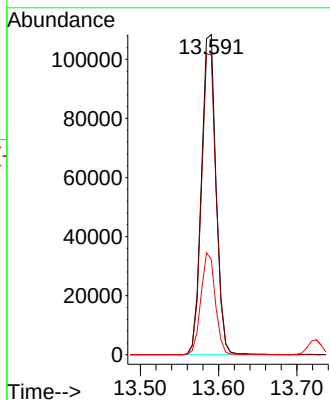
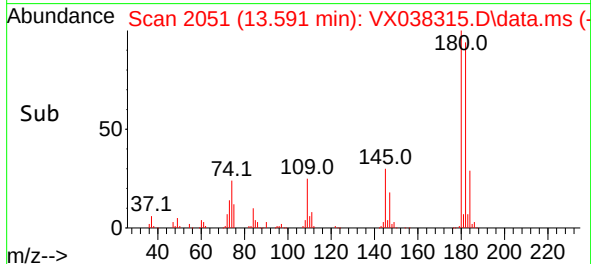
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 140019
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 31.4 18.0 54.0

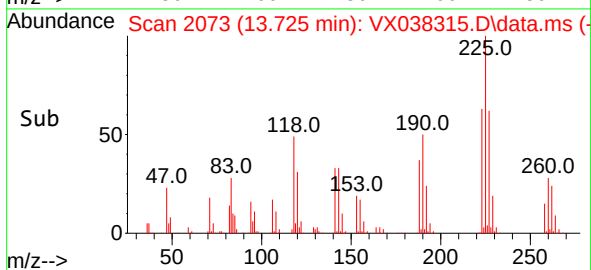
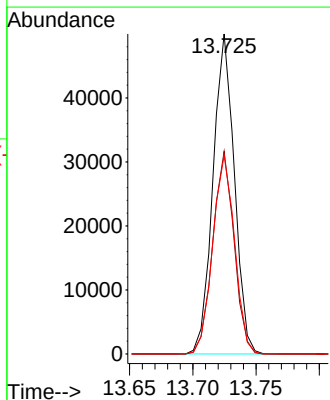
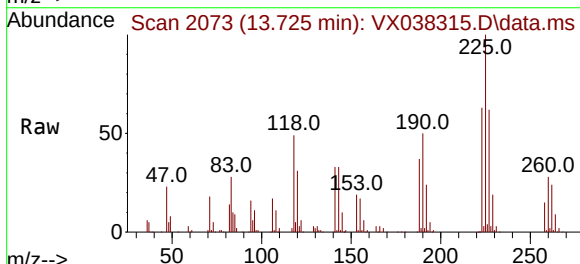
Manual Integrations
APPROVED

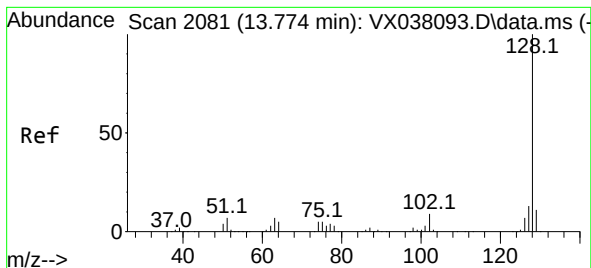
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#94
Hexachlorobutadiene
Concen: 49.200 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

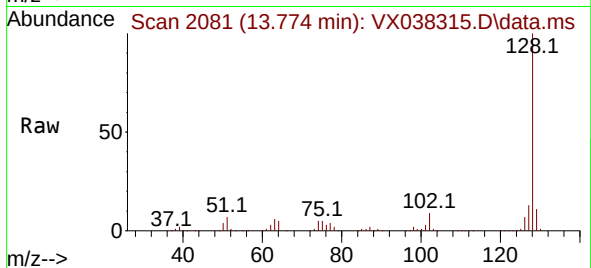
Tgt Ion:225 Resp: 58650
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 47.151 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36

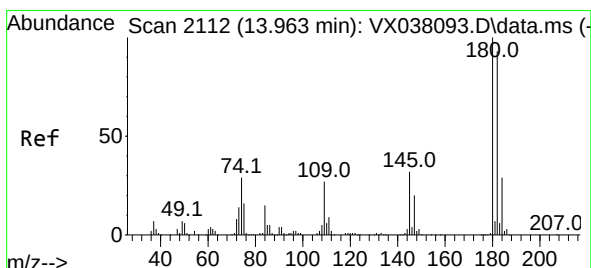
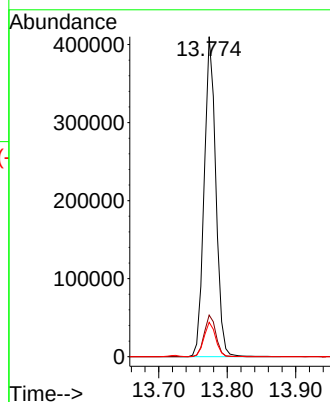
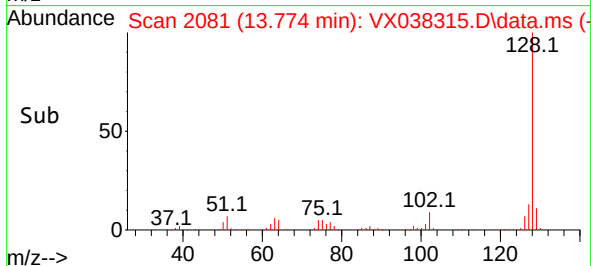
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



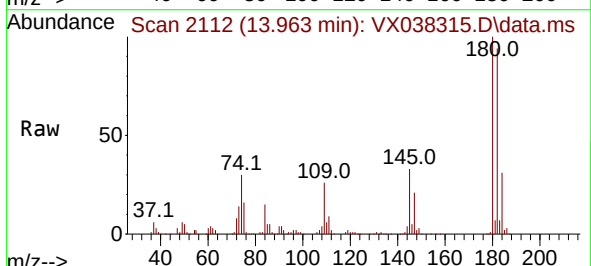
Tgt Ion:128 Resp: 48633
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.814 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038315.D
Acq: 16 Oct 2023 19:36



Tgt Ion:180 Resp: 137122
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 33.2 17.8 53.5

