

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038693.D
 Acq On : 09 Nov 2023 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 03:45:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	475357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	460362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183260	47.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	165194	48.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	580373	47.373	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.740%		
62) 4-Bromofluorobenzene	11.079	95	233989	49.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	152334	47.356	ug/l	99
3) Chloromethane	1.300	50	128888	46.356	ug/l	98
4) Vinyl Chloride	1.374	62	143354	48.432	ug/l	99
5) Bromomethane	1.599	94	104675	45.817	ug/l	100
6) Chloroethane	1.678	64	90635	48.361	ug/l	99
7) Trichlorofluoromethane	1.886	101	251395	49.265	ug/l	100
8) Diethyl Ether	2.136	74	85317	48.704	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	143602	47.593	ug/l	90
10) Methyl Iodide	2.453	142	213485	57.290	ug/l	91
11) Tert butyl alcohol	2.959	59	211255	267.971	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	138921	48.056	ug/l #	80
13) Acrolein	2.233	56	125386	209.848	ug/l	100
14) Allyl chloride	2.666	41	193515	46.736	ug/l #	93
15) Acrylonitrile	3.062	53	429027	257.868	ug/l	99
16) Acetone	2.380	43	350354	215.719	ug/l	90
17) Carbon Disulfide	2.514	76	343068	44.663	ug/l	99
18) Methyl Acetate	2.703	43	381200	55.092	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	473101	51.177	ug/l	95
20) Methylene Chloride	2.788	84	158313	48.354	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	154088	48.960	ug/l	84
22) Diisopropyl ether	3.763	45	392420	50.285	ug/l #	80
23) Vinyl Acetate	3.721	43	1358127	245.192	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	252465	48.899	ug/l	97
25) 2-Butanone	4.556	43	575483	244.600	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	191212	42.416	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	180222	49.590	ug/l	83
28) Bromochloromethane	4.897	49	112295	48.397	ug/l #	56
29) Tetrahydrofuran	5.001	42	371569	253.836	ug/l #	80
30) Chloroform	5.092	83	291703	48.153	ug/l	98
31) Cyclohexane	5.470	56	194156	45.490	ug/l #	86
32) 1,1,1-Trichloroethane	5.385	97	256532	48.119	ug/l	95
36) 1,1-Dichloropropene	5.696	75	198164	46.596	ug/l	94
37) Ethyl Acetate	4.715	43	214071	49.301	ug/l #	92
38) Carbon Tetrachloride	5.678	117	227374	47.824	ug/l	98
39) Methylcyclohexane	7.379	83	241783	45.472	ug/l	89
40) Benzene	6.037	78	597829	48.805	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	112812	50.997	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	220639	49.920	ug/l	95
43) Isopropyl Acetate	6.342	43	329427	49.349	ug/l #	91
44) Trichloroethene	7.123	130	189748	49.786	ug/l	93
45) 1,2-Dichloropropane	7.427	63	147085	49.671	ug/l	100
46) Dibromomethane	7.580	93	122472	49.456	ug/l #	84
47) Bromodichloromethane	7.824	83	225986	48.524	ug/l	97
48) Methyl methacrylate	7.696	41	162676	50.567	ug/l #	83
49) 1,4-Dioxane	7.659	88	85929	1173.302	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	1115405	256.456	ug/l	90
52) Toluene	8.720	92	399893	49.835	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	233685	49.285	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	247773	49.501	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	174292	51.191	ug/l	98
56) Ethyl methacrylate	9.116	69	252855	53.081	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	267242	50.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	631416	269.591	ug/l	90
59) 2-Hexanone	9.427	43	895954	254.591	ug/l	88
60) Dibromochloromethane	9.519	129	196008	51.284	ug/l	100
61) 1,2-Dibromoethane	9.610	107	195157	51.002	ug/l	99
64) Tetrachloroethene	9.275	164	186338	54.075	ug/l	96
65) Chlorobenzene	10.079	112	460806	49.171	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	176760	50.174	ug/l	99
67) Ethyl Benzene	10.195	91	769345	48.533	ug/l	96
68) m/p-Xylenes	10.299	106	619108	98.405	ug/l	95
69) o-Xylene	10.640	106	302895	49.507	ug/l	96
70) Styrene	10.652	104	513170	50.821	ug/l	95
71) Bromoform	10.799	173	157491	50.648	ug/l #	100
73) Isopropylbenzene	10.963	105	790419	48.483	ug/l	97
74) N-amyl acetate	10.841	43	287820	50.811	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	274300	48.669	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	263250m	50.020	ug/l	
77) Bromobenzene	11.195	156	219906	49.149	ug/l	81
78) n-propylbenzene	11.305	91	900423	47.462	ug/l	96
79) 2-Chlorotoluene	11.366	91	545491	48.027	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	690064	49.181	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	78663	47.061	ug/l	86
82) 4-Chlorotoluene	11.451	91	647165	48.773	ug/l	93
83) tert-Butylbenzene	11.713	119	667674	46.962	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	684831	49.211	ug/l	96
85) sec-Butylbenzene	11.890	105	844359	47.596	ug/l	97
86) p-Isopropyltoluene	12.006	119	741635	49.074	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	410315	47.966	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	416658	47.387	ug/l	97
89) n-Butylbenzene	12.335	91	633818	47.130	ug/l	96
90) Hexachloroethane	12.536	117	122900	48.011	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	406497	48.658	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71938	50.785	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	286901	48.014	ug/l	97
94) Hexachlorobutadiene	13.725	225	118997	46.152	ug/l	98
95) Naphthalene	13.774	128	922181	51.163	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	283609	48.154	ug/l	97

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ClientSampleId :
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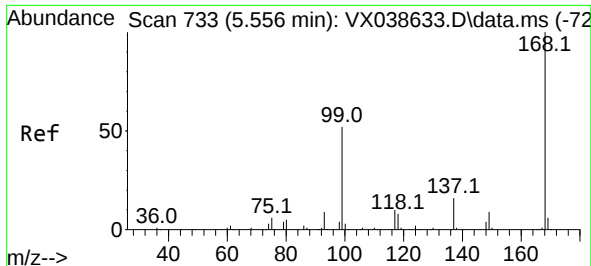
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/13/2023

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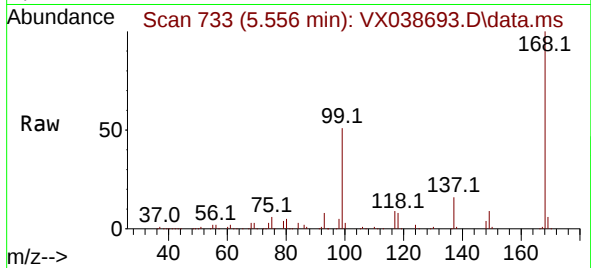
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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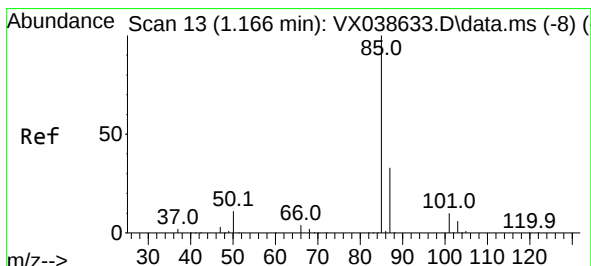
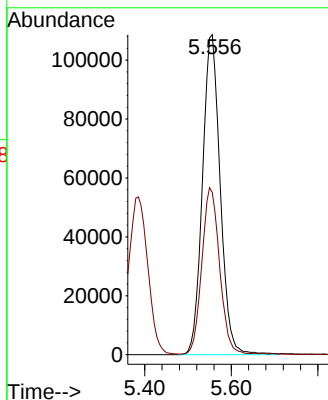
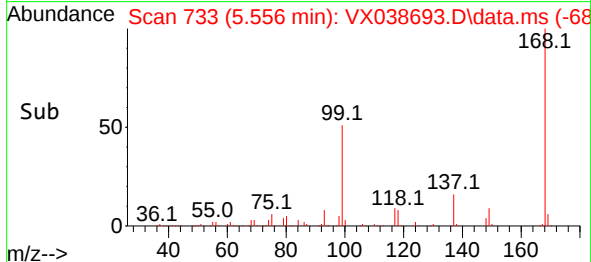
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 309760
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0

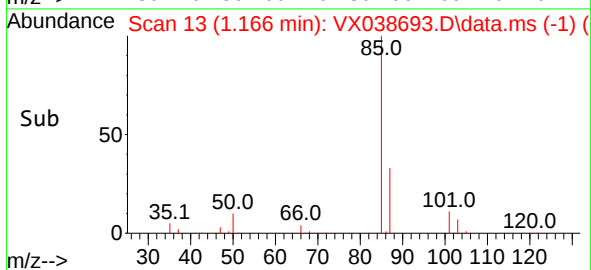
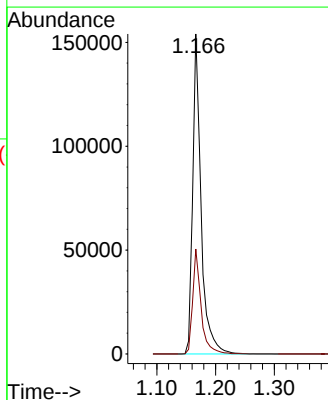
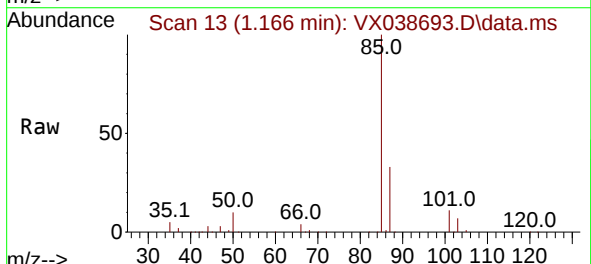
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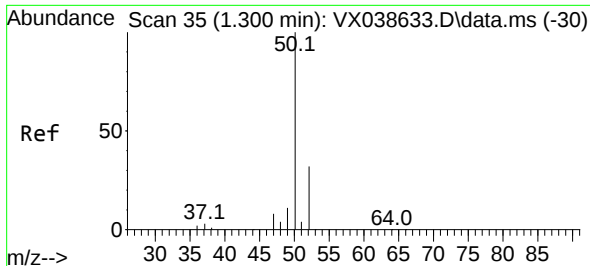
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 47.356 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

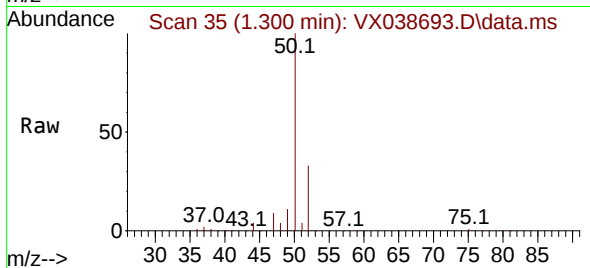
Tgt Ion: 85 Resp: 152334
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 46.356 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

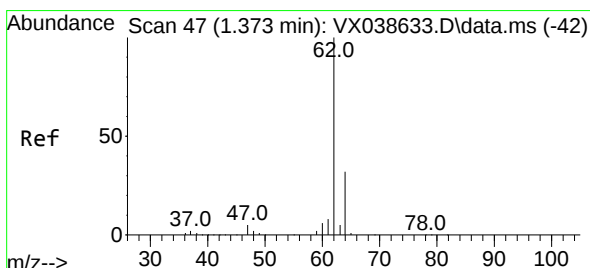
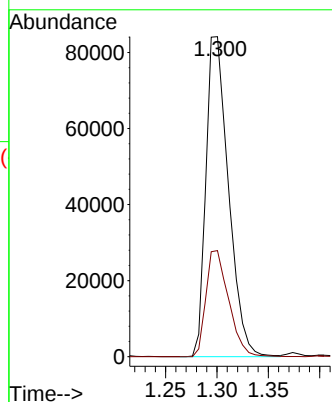
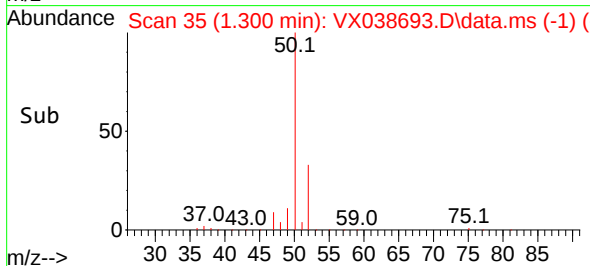
Instrument :
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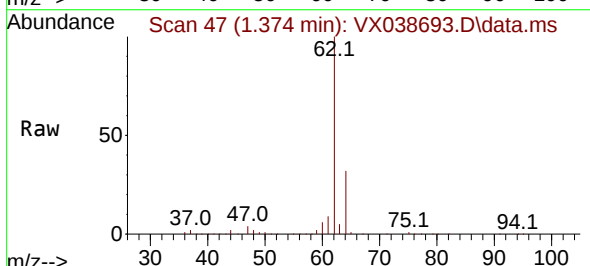
Tgt Ion: 50 Resp: 12888
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

Manual Integrations
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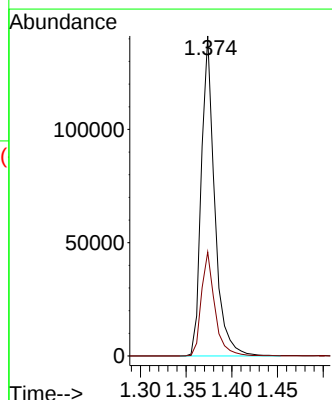
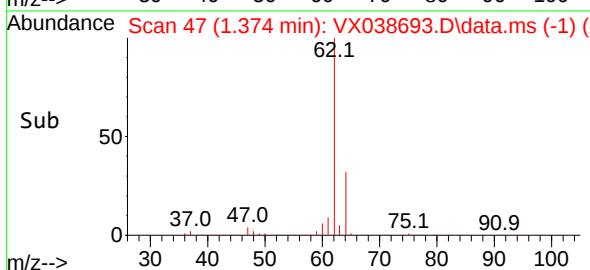
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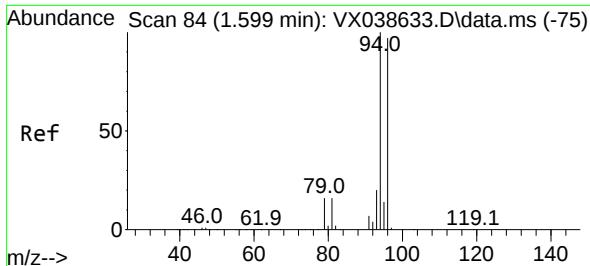


#4
Vinyl Chloride
Concen: 48.432 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



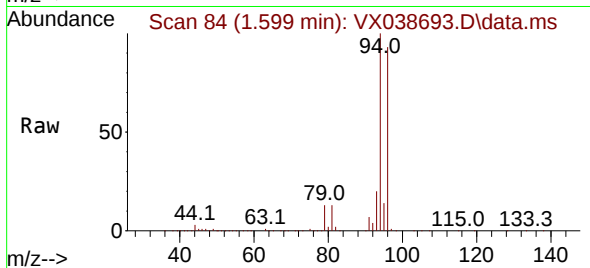
Tgt Ion: 62 Resp: 143354
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 45.817 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

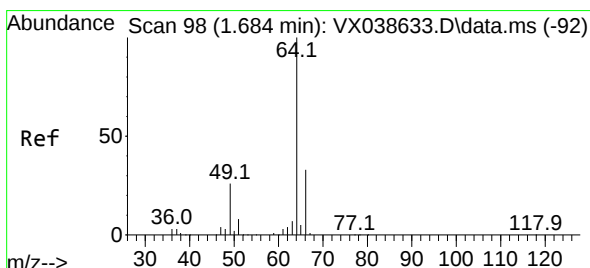
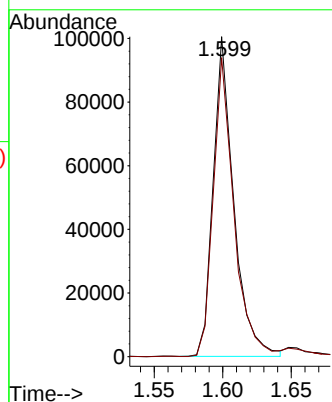
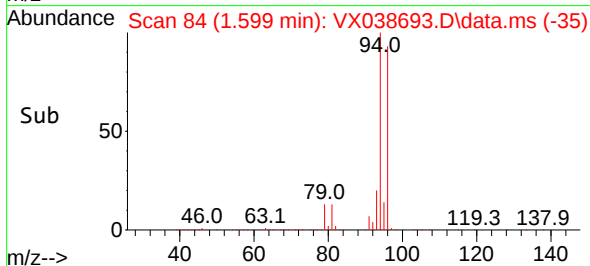
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Tgt Ion: 94 Resp: 104679
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

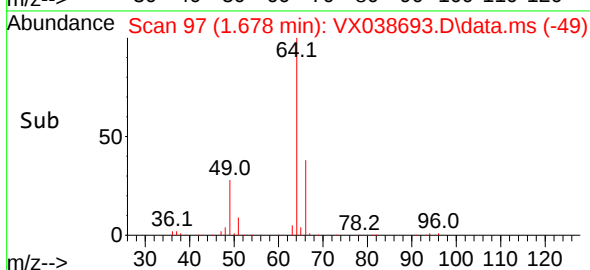
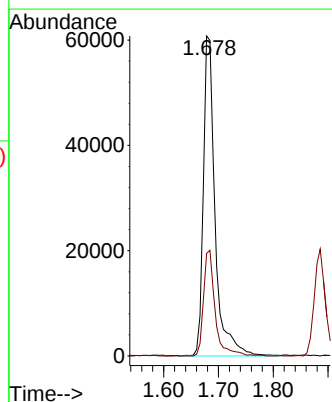
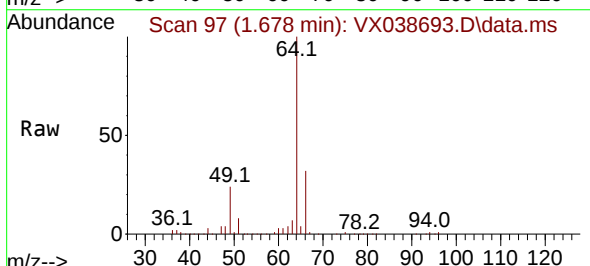
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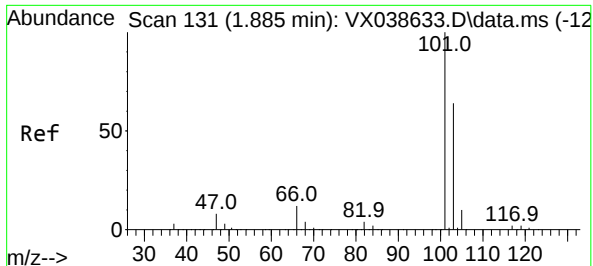
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 48.361 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038693.D
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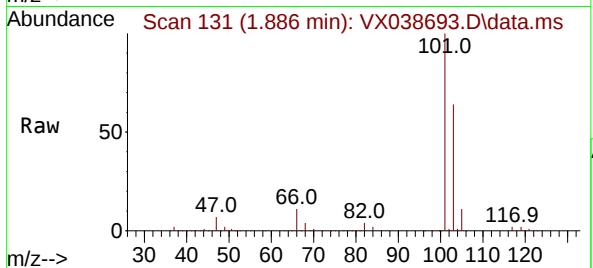
Tgt Ion: 64 Resp: 90635
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.265 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

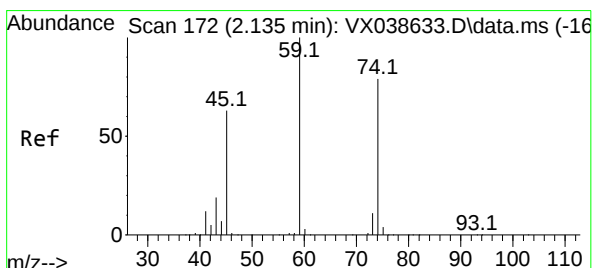
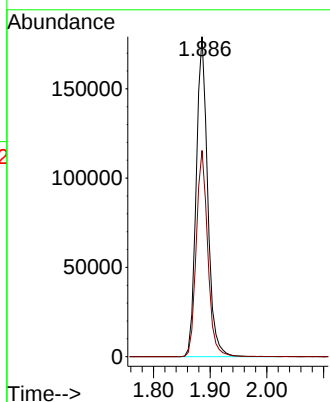
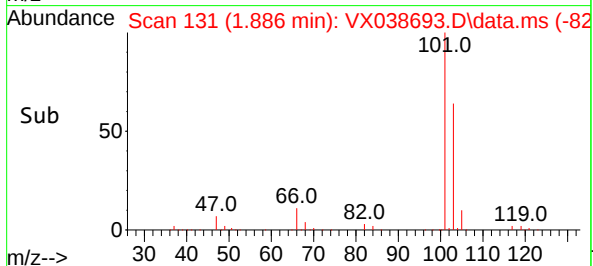
Instrument :
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ClientSampleId :
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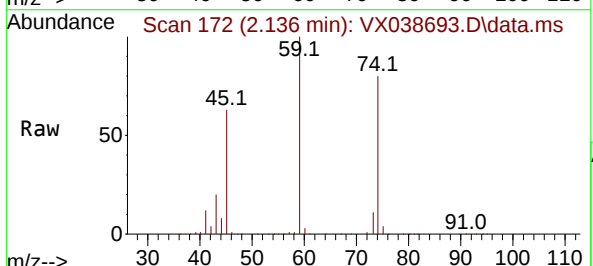
Tgt Ion:101 Resp: 25139
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

Manual Integrations
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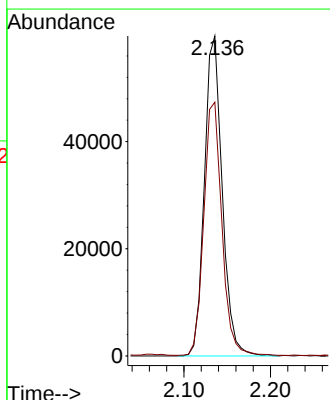
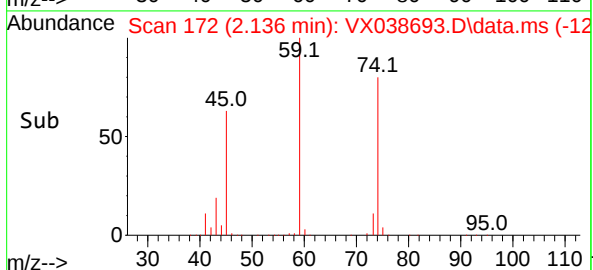
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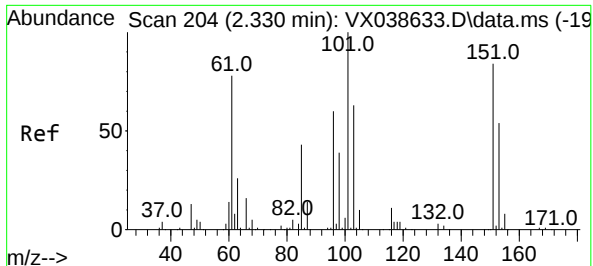


#8
Diethyl Ether
Concen: 48.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX038693.D
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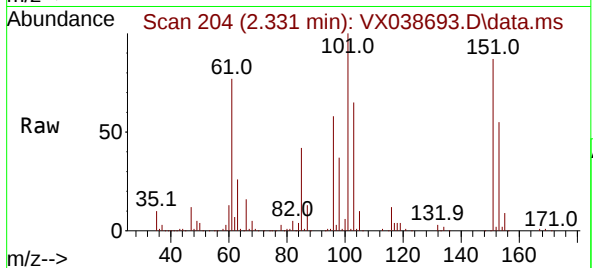
Tgt Ion: 74 Resp: 85317
Ion Ratio Lower Upper
74 100
45 80.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.593 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

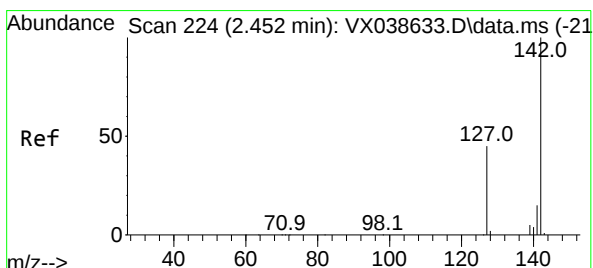
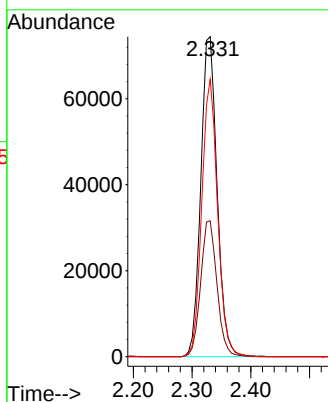
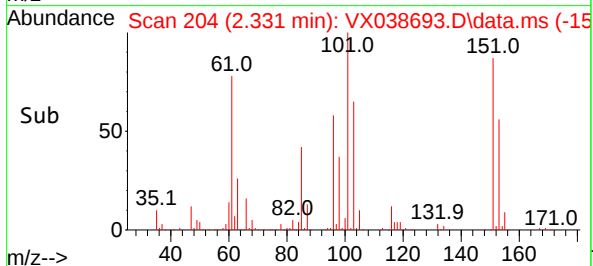
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



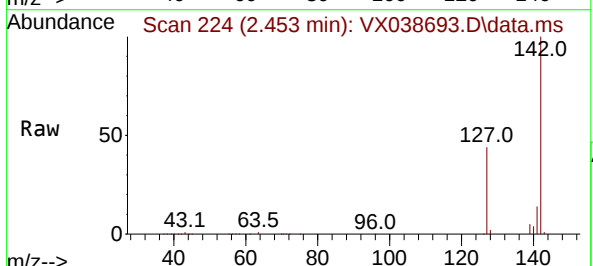
Tgt Ion:101 Resp: 143602
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 84.0 58.6 87.8

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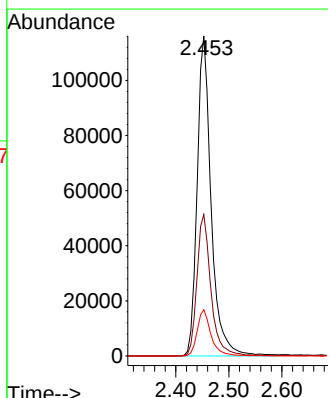
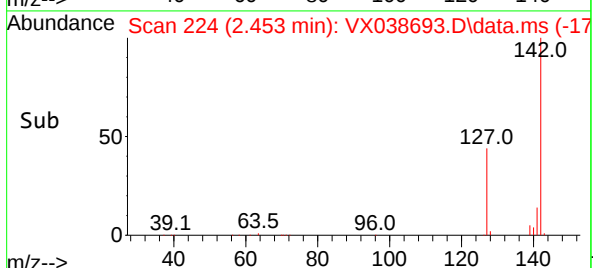
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

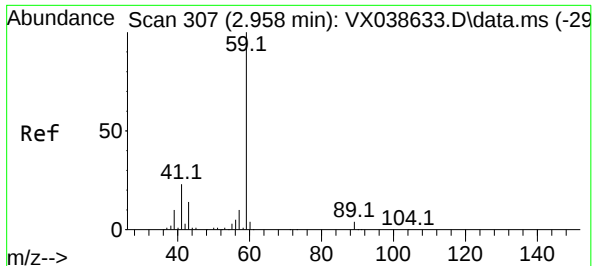


#10
Methyl Iodide
Concen: 57.290 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



Tgt Ion:142 Resp: 213485
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 267.971 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 21125

Ion Ratio Lower Upper

59 100

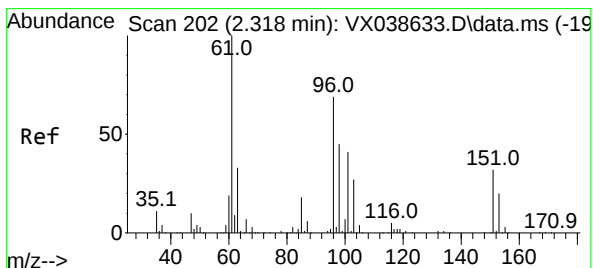
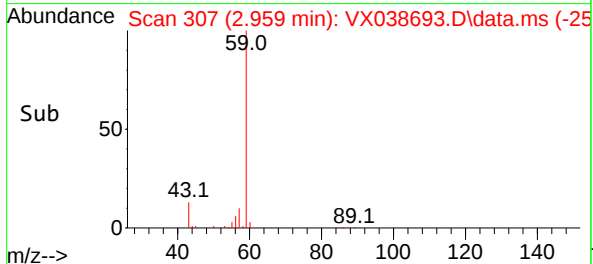
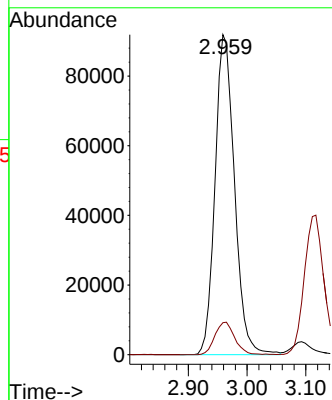
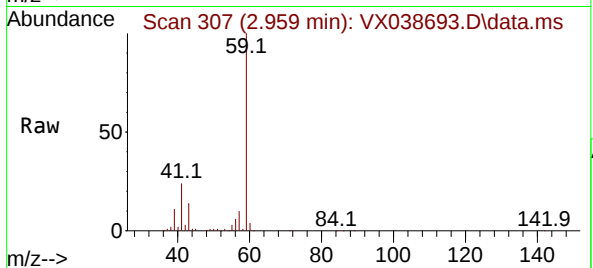
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#12

1,1-Dichloroethene

Concen: 48.056 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

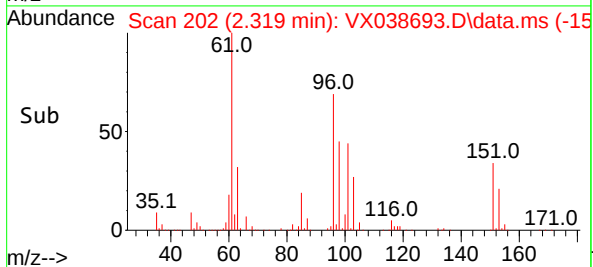
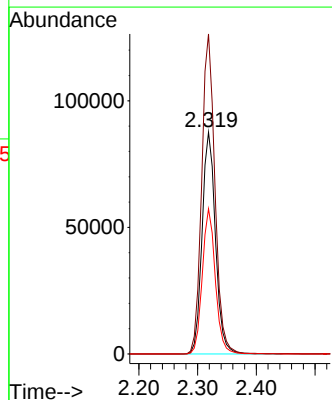
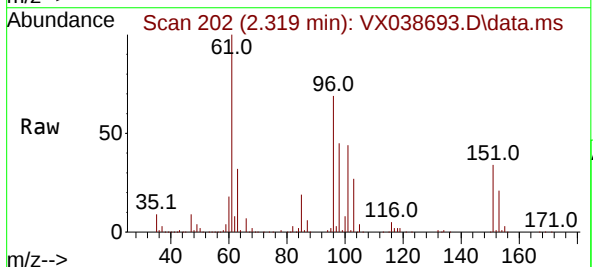
Tgt Ion: 96 Resp: 138921

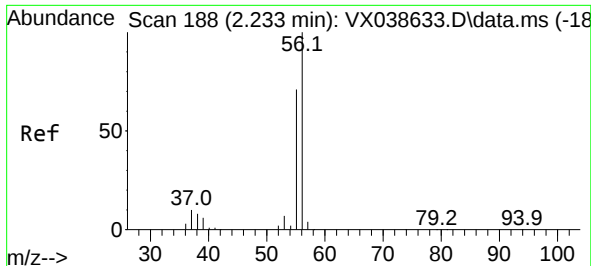
Ion Ratio Lower Upper

96 100

61 144.3 144.6 216.8

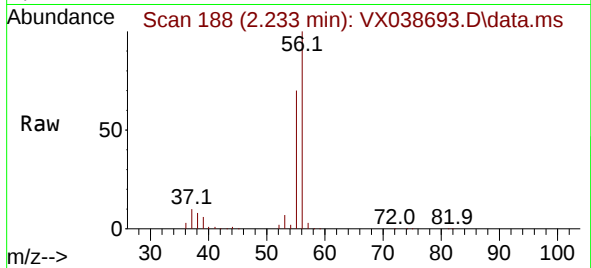
98 65.5 50.4 75.6





#13
Acrolein
Concen: 209.848 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

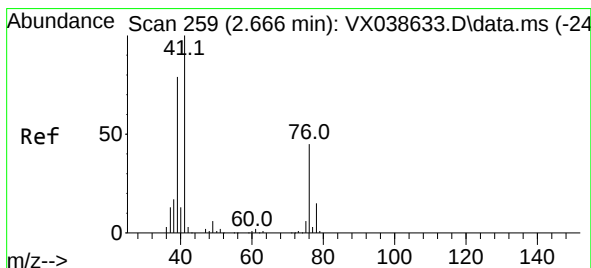
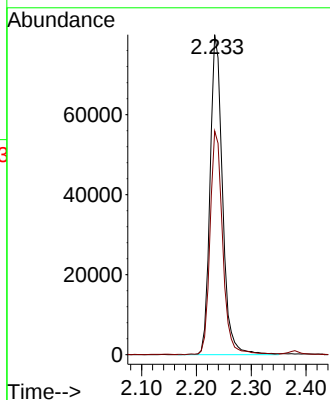
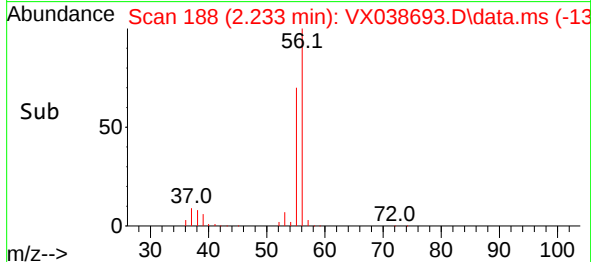
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 125386
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

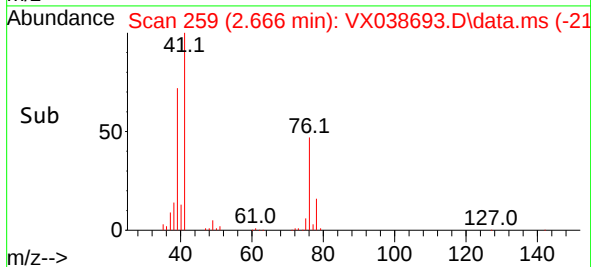
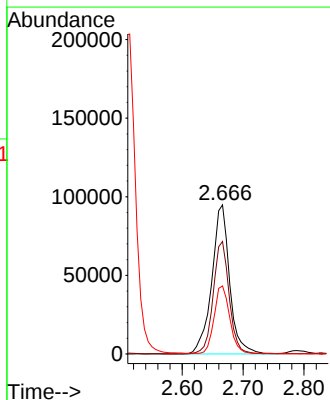
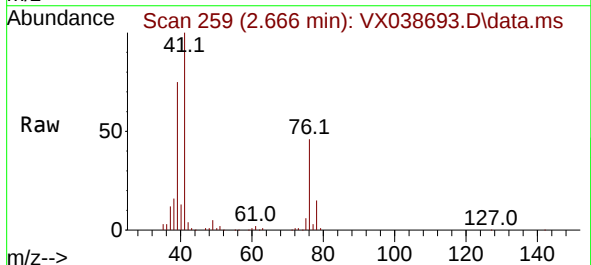
Manual Integrations
APPROVED

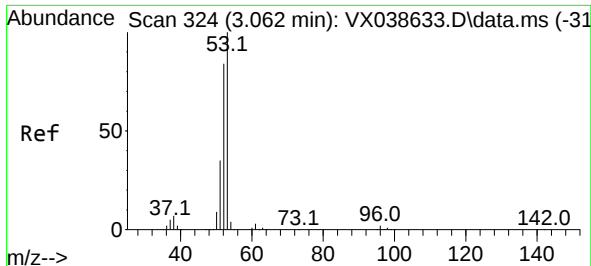
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Allyl chloride
Concen: 46.736 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

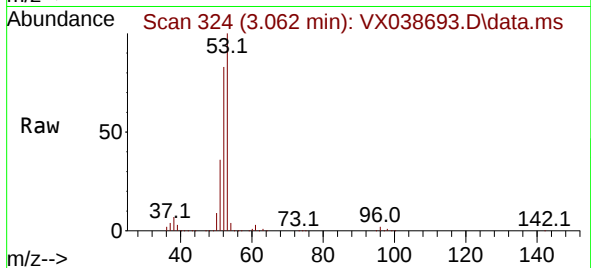
Tgt Ion: 41 Resp: 193515
Ion Ratio Lower Upper
41 100
39 67.5 55.8 83.6
76 40.2 24.3 36.5





#15
Acrylonitrile
Concen: 257.868 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

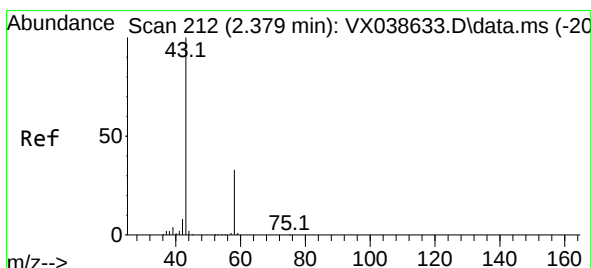
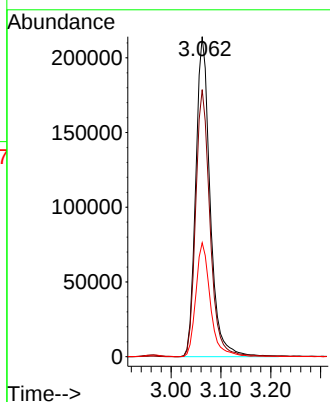
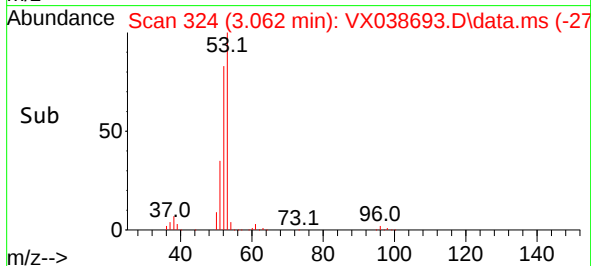
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 42902
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.1 29.8 44.6

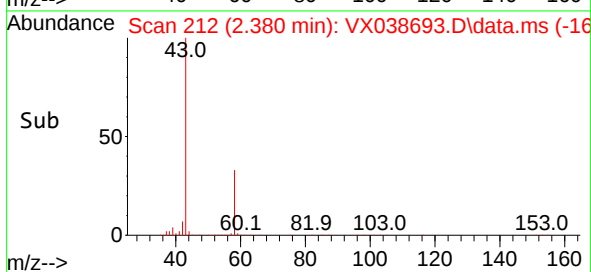
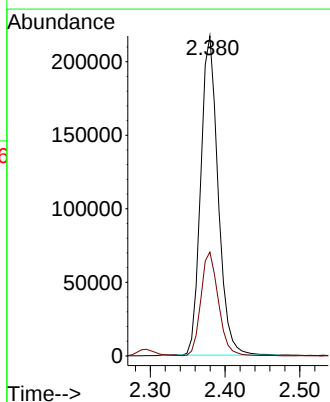
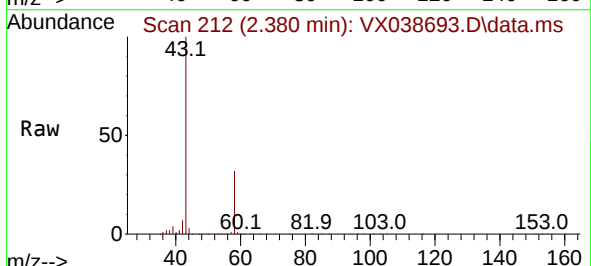
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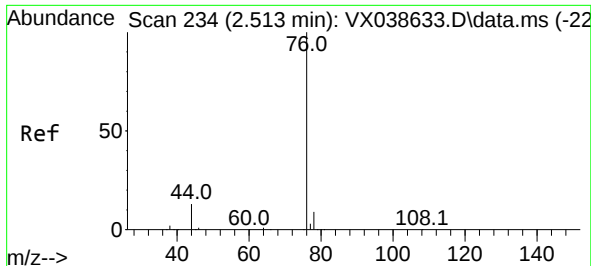
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 215.719 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

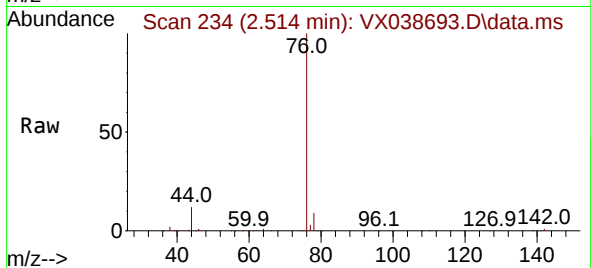
Tgt Ion: 43 Resp: 350354
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17
Carbon Disulfide
Concen: 44.663 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

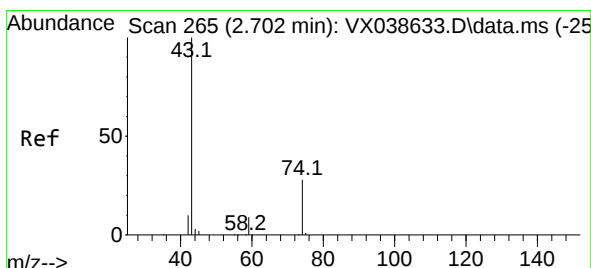
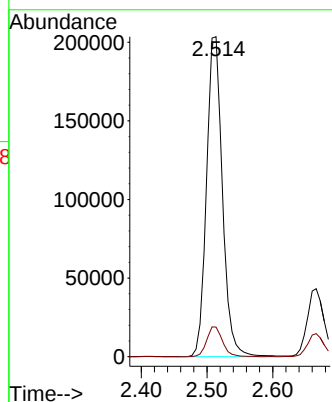
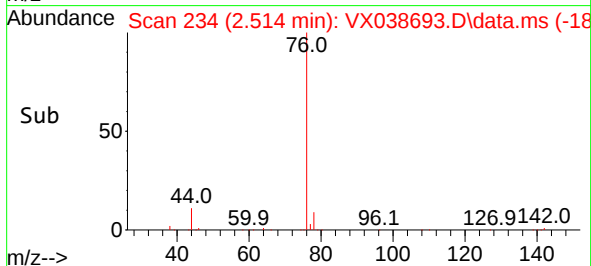
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



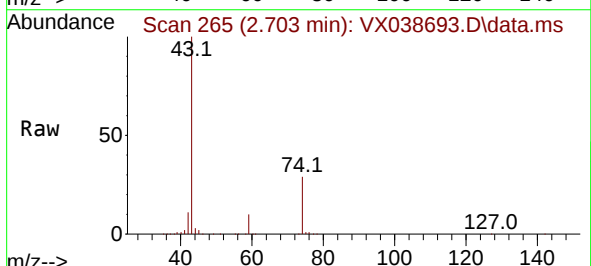
Tgt Ion: 76 Resp: 34306
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

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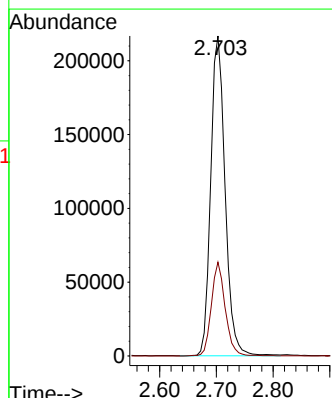
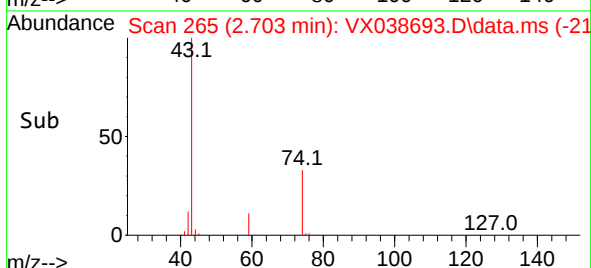
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

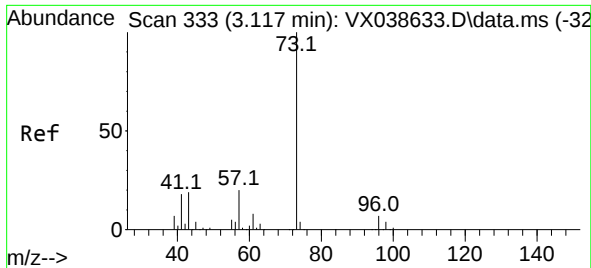


#18
Methyl Acetate
Concen: 55.092 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



Tgt Ion: 43 Resp: 381200
Ion Ratio Lower Upper
43 100
74 28.4 17.8 26.8#





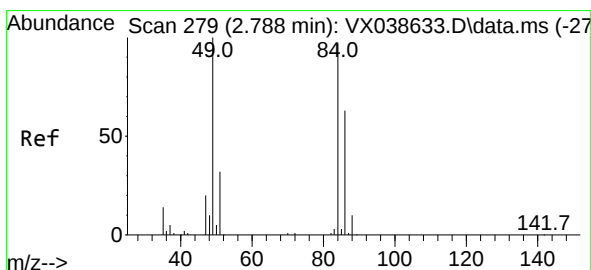
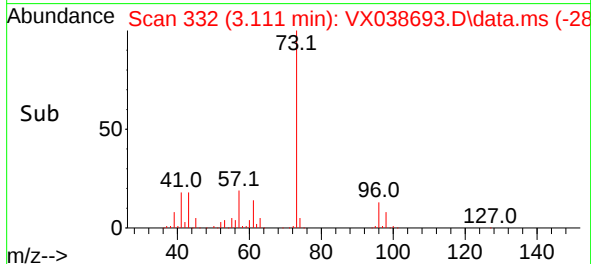
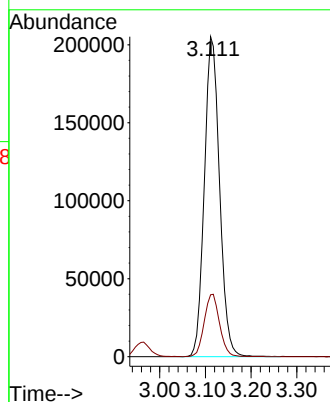
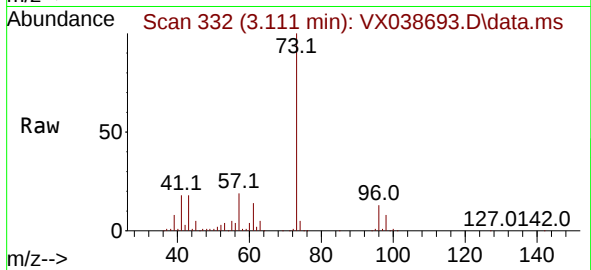
#19
Methyl tert-butyl Ether
Concen: 51.177 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 47310
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9

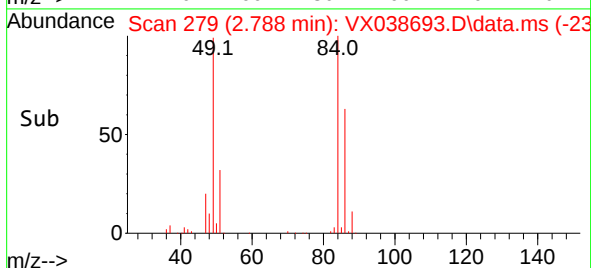
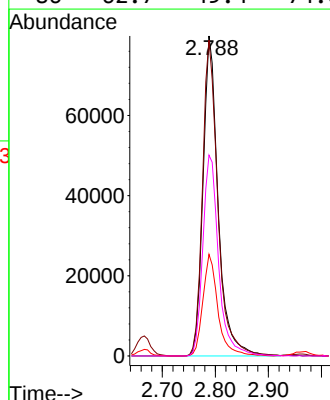
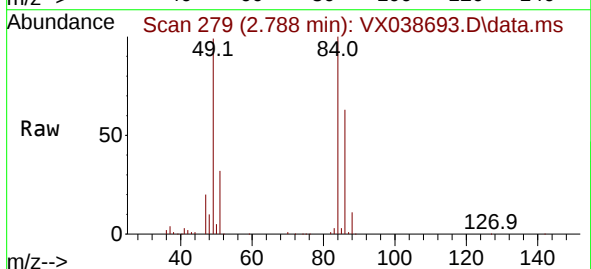
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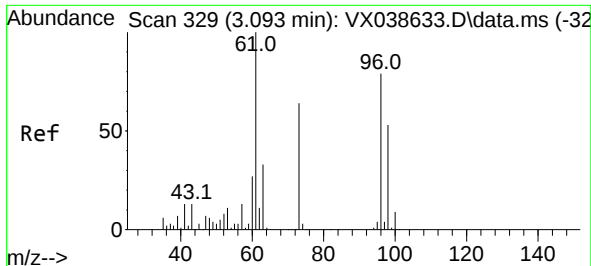
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 48.354 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

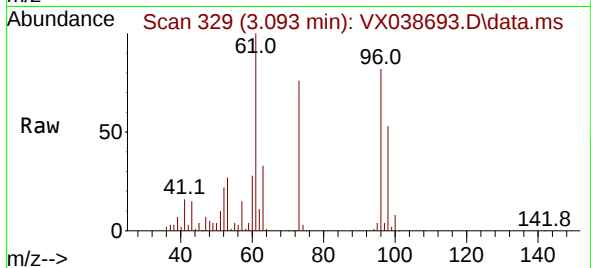
Tgt Ion: 84 Resp: 158313
Ion Ratio Lower Upper
84 100
49 98.7 103.6 155.4#
51 31.7 33.8 50.6#
86 62.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.960 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

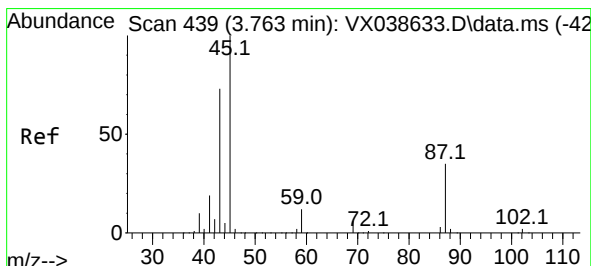
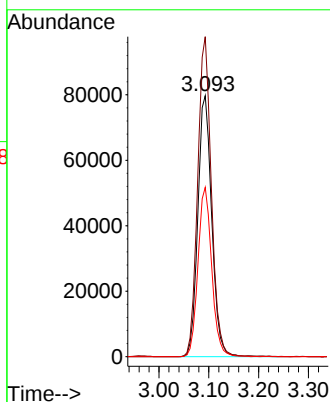
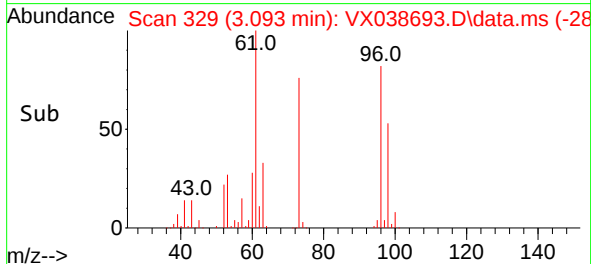
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 154088
Ion Ratio Lower Upper
96 100
61 122.7 119.2 178.8
98 64.9 48.7 73.1

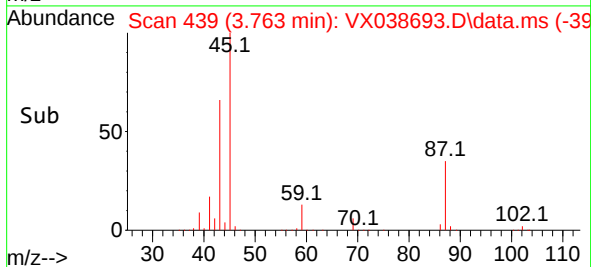
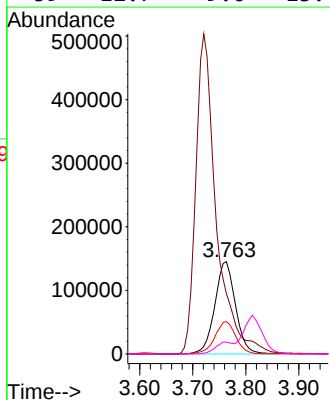
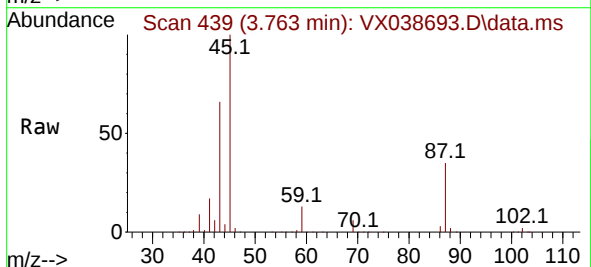
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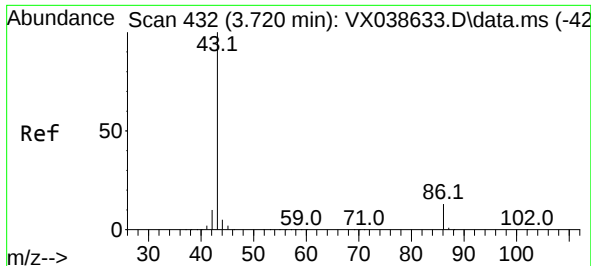
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#22
Diisopropyl ether
Concen: 50.285 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 45 Resp: 392420
Ion Ratio Lower Upper
45 100
43 65.4 69.7 104.5#
87 35.0 20.8 31.2#
59 12.7 9.0 13.4





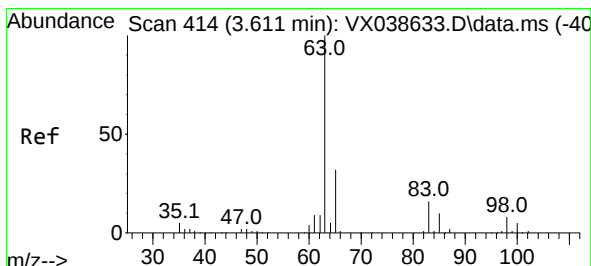
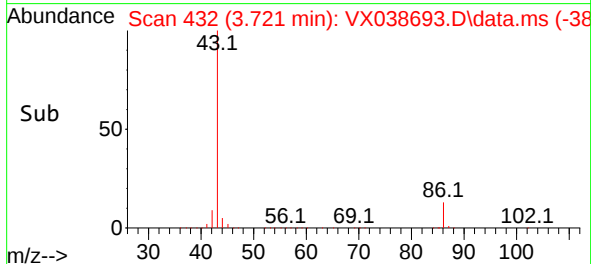
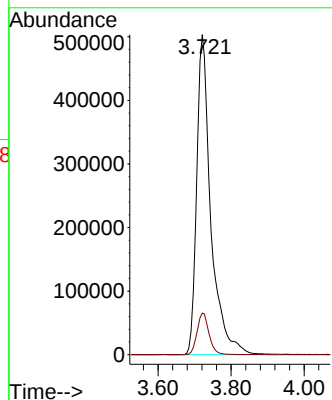
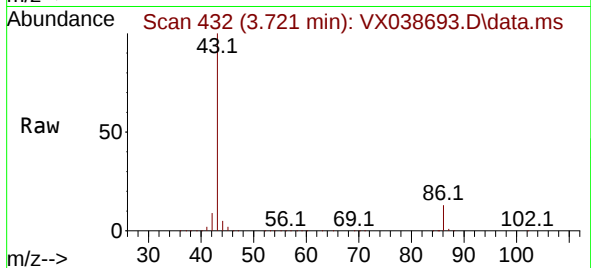
#23
 Vinyl Acetate
 Concen: 245.192 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038693.D
 Acq: 09 Nov 2023 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 135812
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.8 11.8

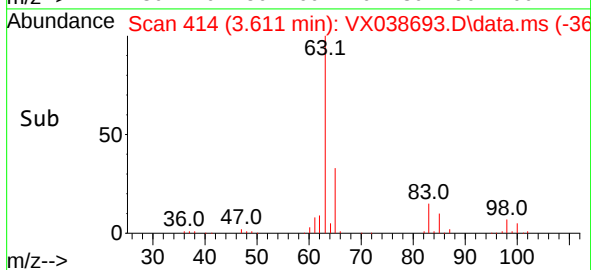
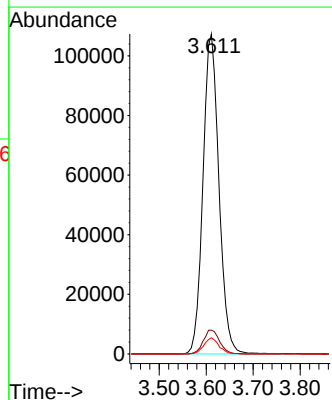
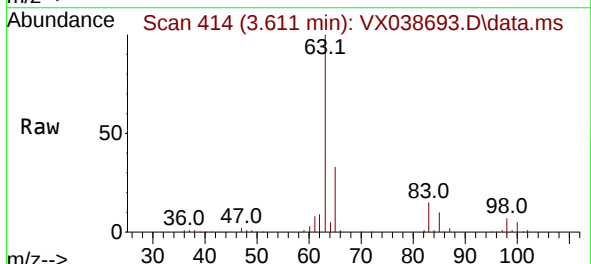
Manual Integrations
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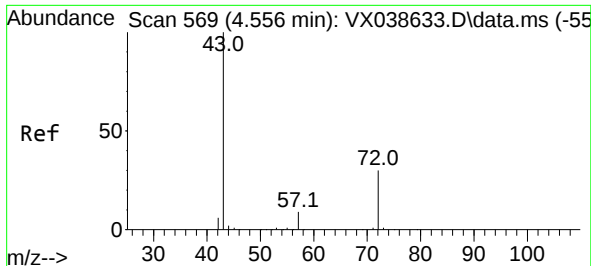
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#24
 1,1-Dichloroethane
 Concen: 48.899 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038693.D
 Acq: 09 Nov 2023 20:06

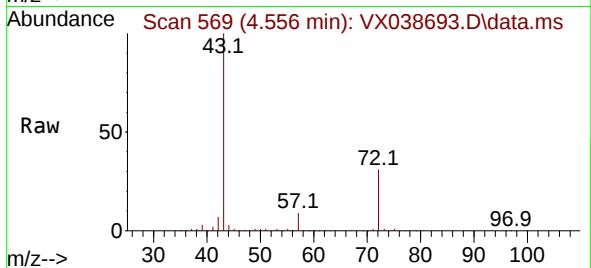
Tgt Ion: 63 Resp: 252465
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 244.600 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

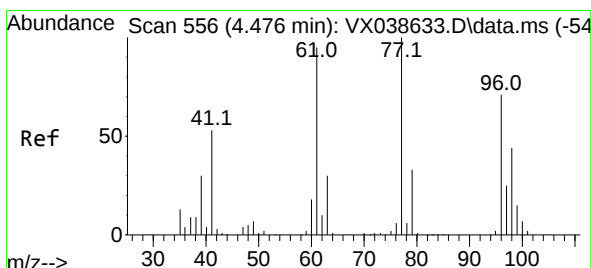
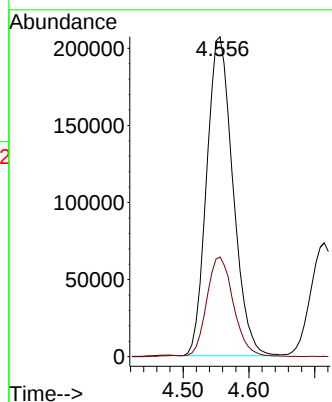
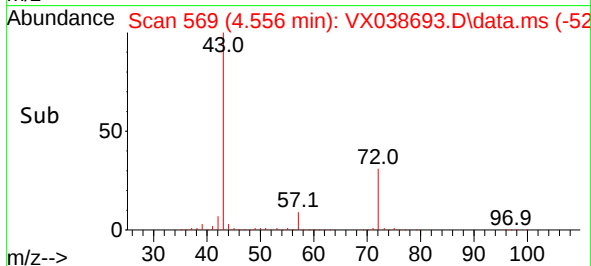
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



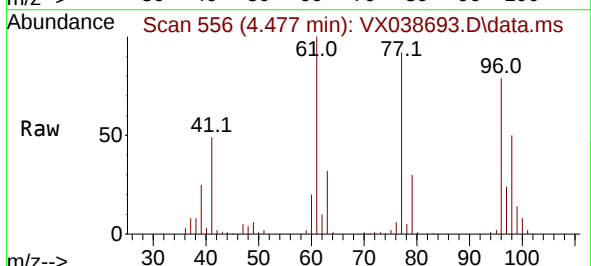
Tgt Ion: 43 Resp: 57548
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2

Manual Integrations
APPROVED

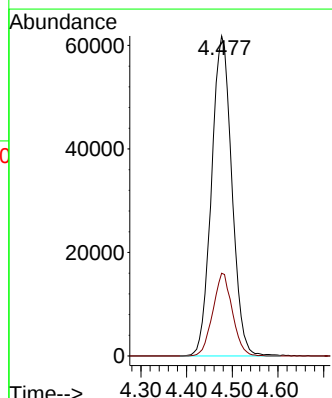
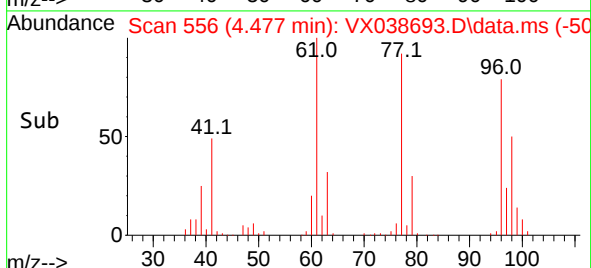
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

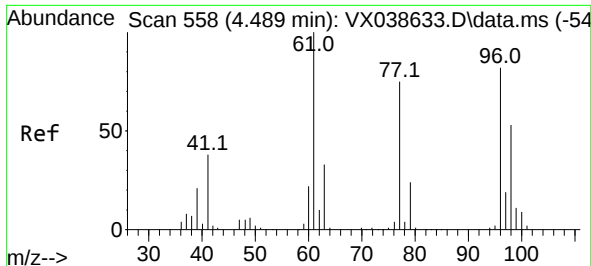


#26
2,2-Dichloropropane
Concen: 42.416 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



Tgt Ion: 77 Resp: 191212
Ion Ratio Lower Upper
77 100
97 24.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.590 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 18022

Ion Ratio Lower Upper

96 100

61 125.1 0.0 312.2

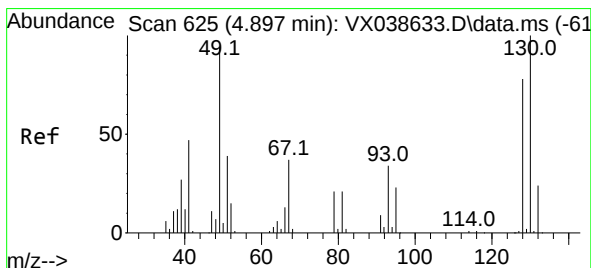
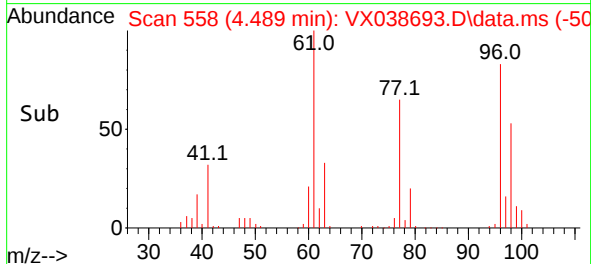
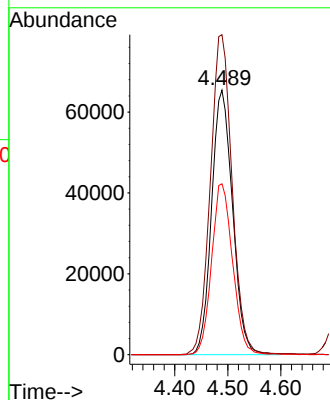
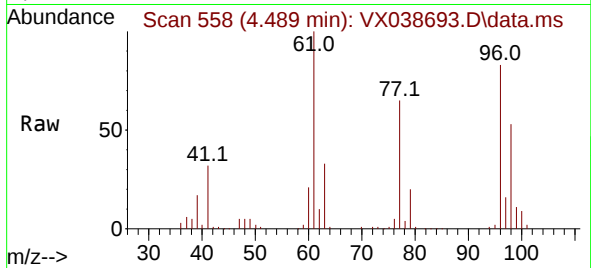
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 48.397 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

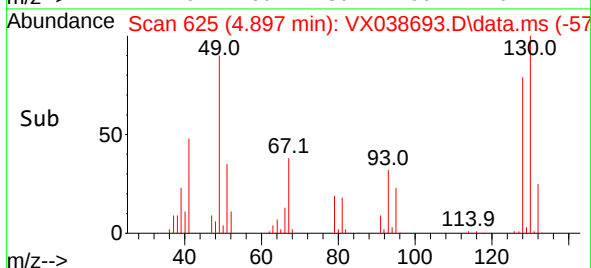
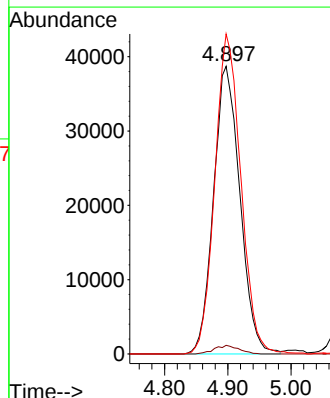
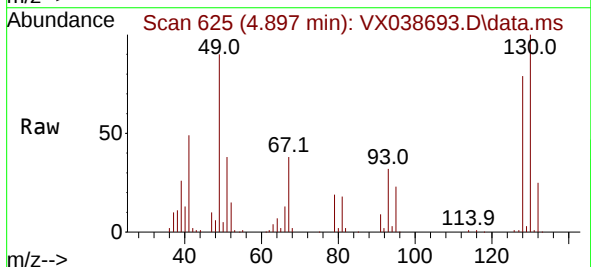
Tgt Ion: 49 Resp: 112295

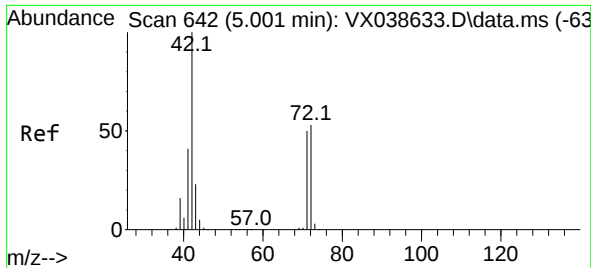
Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.8

130 109.7 57.5 86.3#





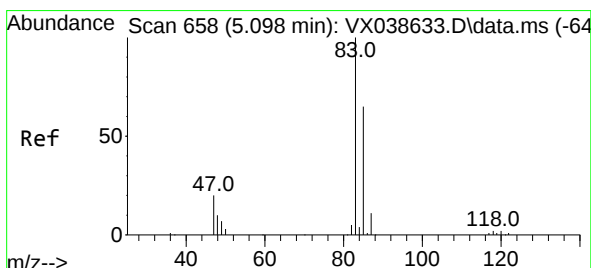
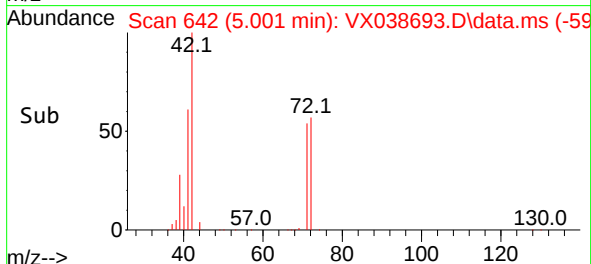
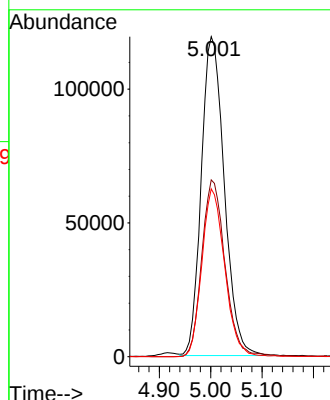
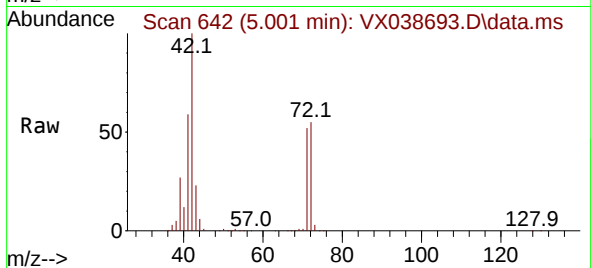
#29
Tetrahydrofuran
Concen: 253.836 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 371569
Ion Ratio Lower Upper
42 100
72 56.1 34.2 51.4
71 52.2 32.2 48.2

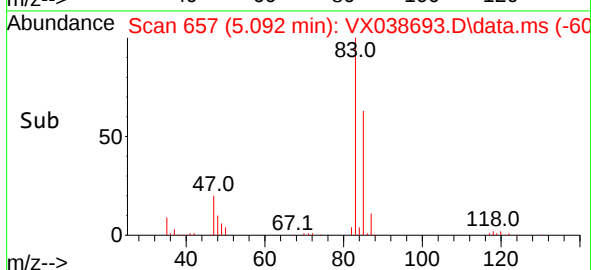
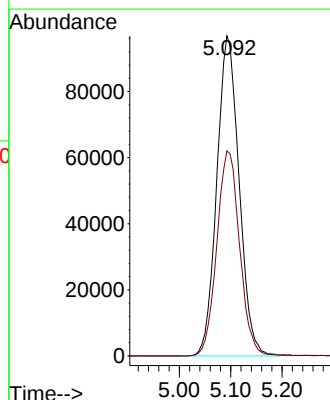
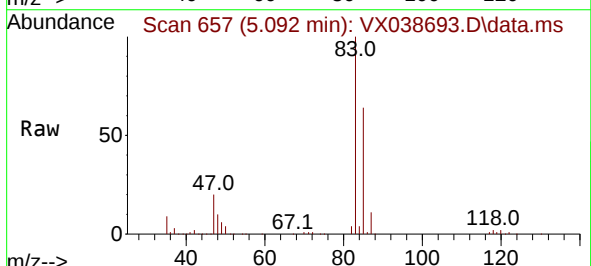
Manual Integrations
APPROVED

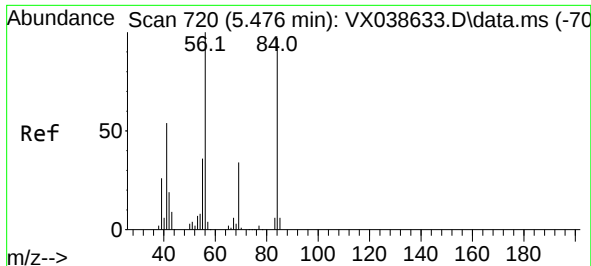
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
Chloroform
Concen: 48.153 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

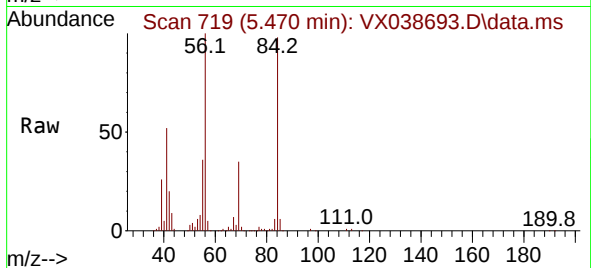
Tgt Ion: 83 Resp: 291703
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 45.490 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

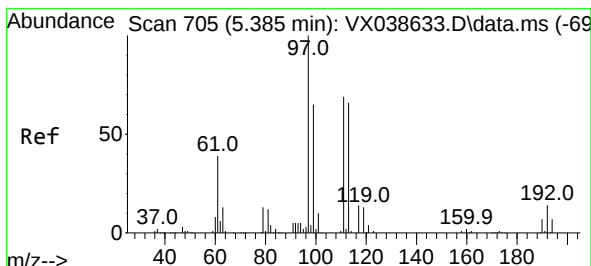
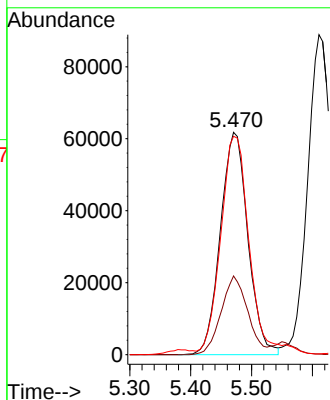
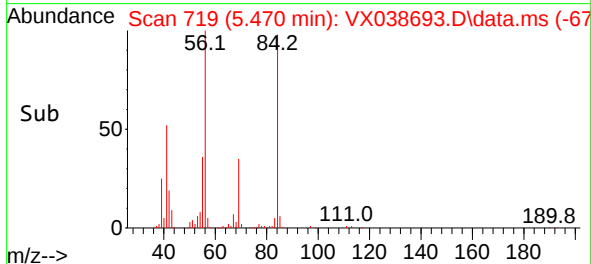
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 194150
Ion Ratio Lower Upper
56 100
69 35.4 23.4 35.2
84 95.9 65.9 98.9

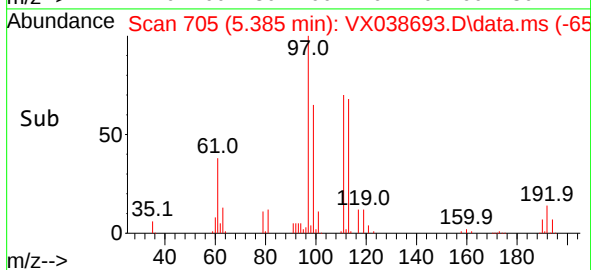
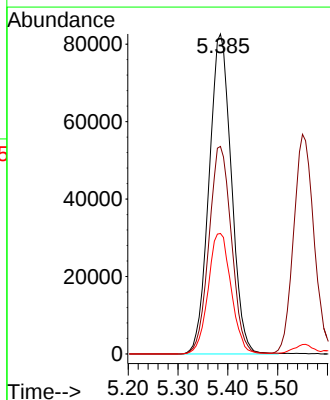
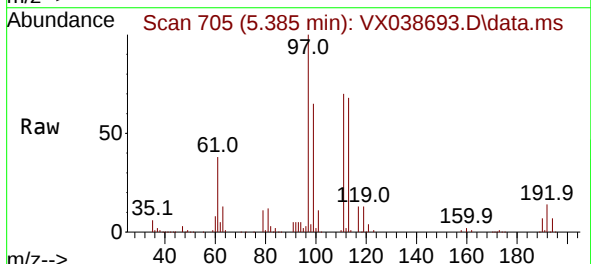
Manual Integrations
APPROVED

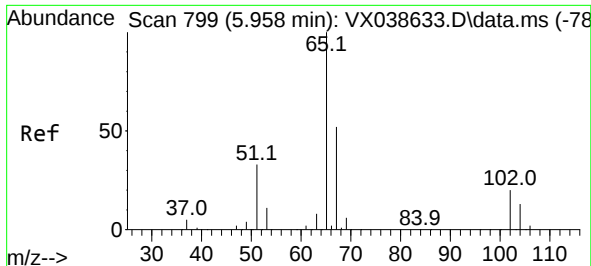
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 48.119 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 97 Resp: 256532
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 38.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.521 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 183260

Ion Ratio Lower Upper

65 100

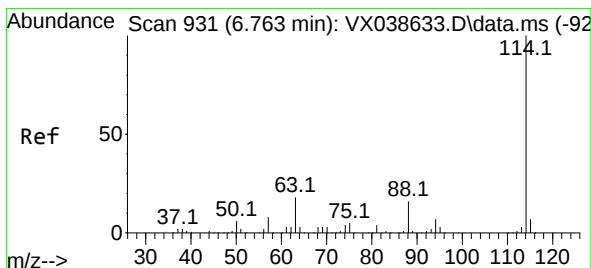
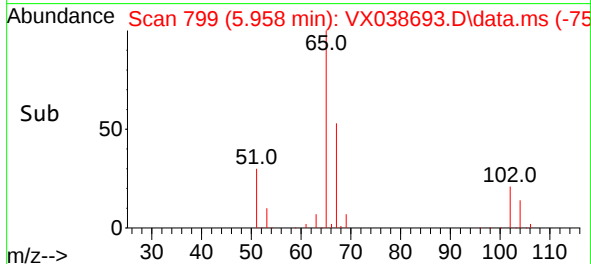
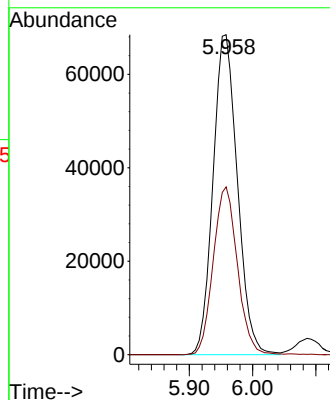
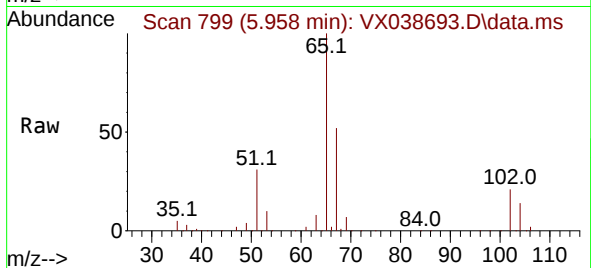
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

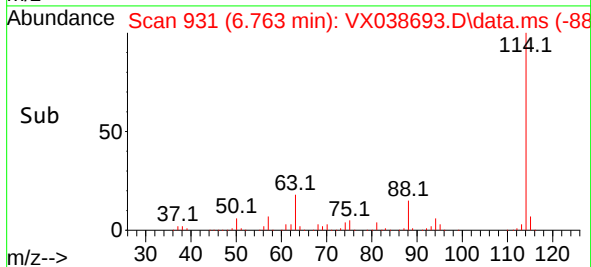
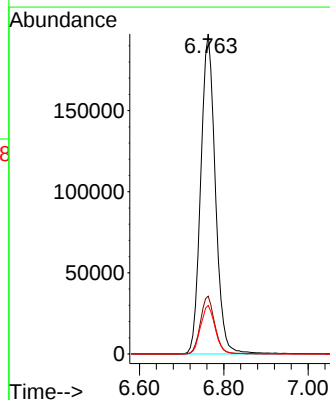
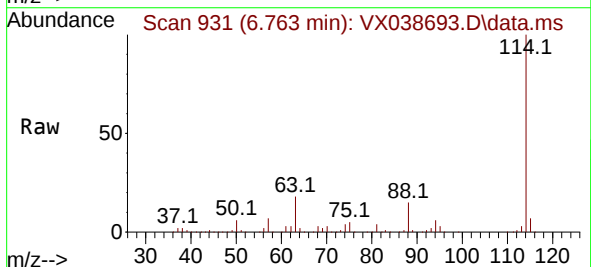
Tgt Ion:114 Resp: 475357

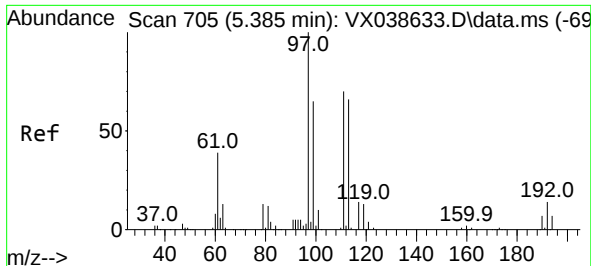
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

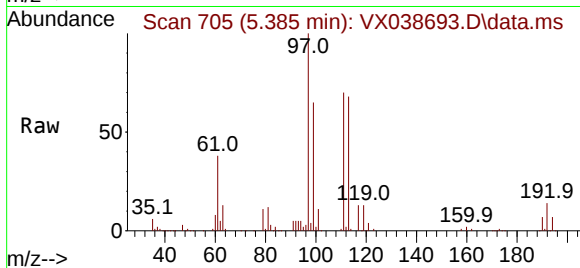
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

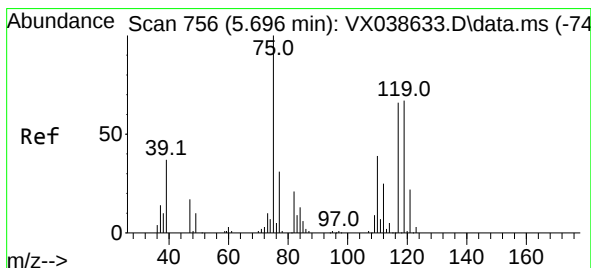
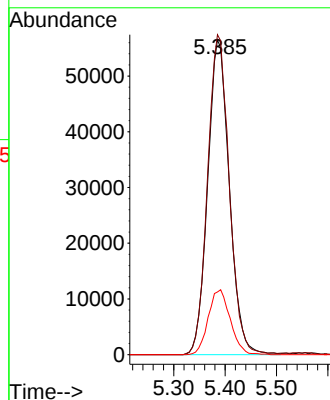
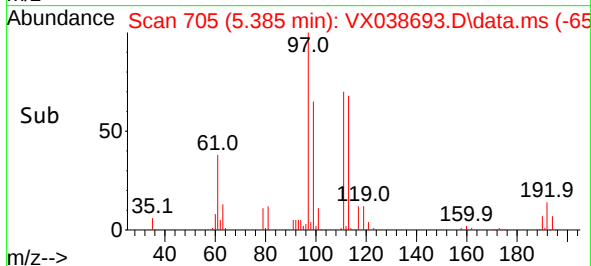
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 165194
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.0 13.3 19.9

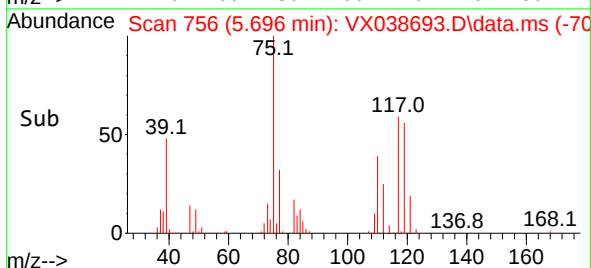
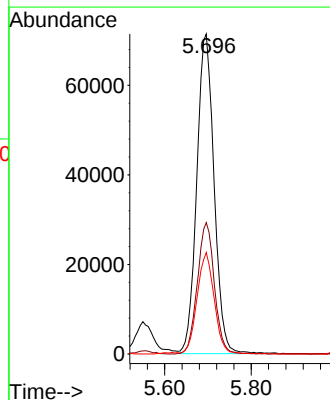
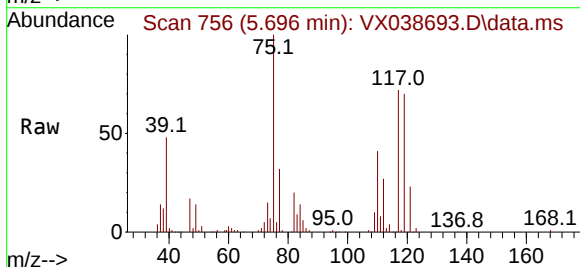
Manual Integrations
APPROVED

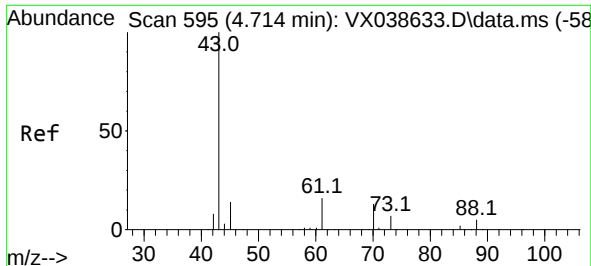
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#36
1,1-Dichloropropene
Concen: 46.596 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 75 Resp: 198164
Ion Ratio Lower Upper
75 100
110 40.3 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 49.301 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21407

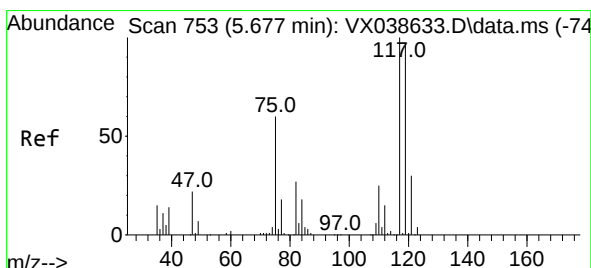
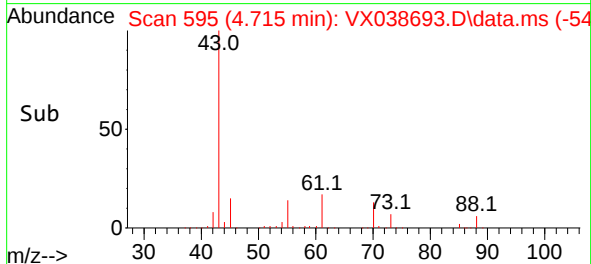
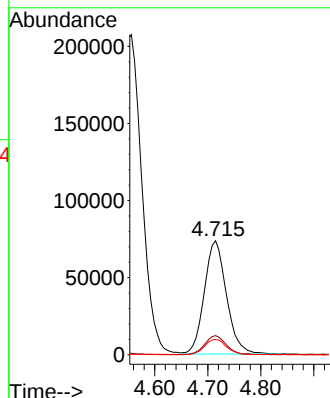
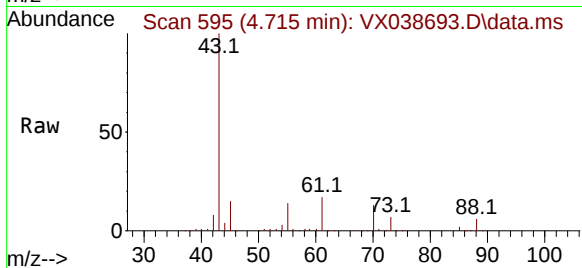
Ion	Ratio	Lower	Upper
43	100		
61	16.5	10.6	16.0
70	13.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#38

Carbon Tetrachloride

Concen: 47.824 ug/l

RT: 5.678 min Scan# 753

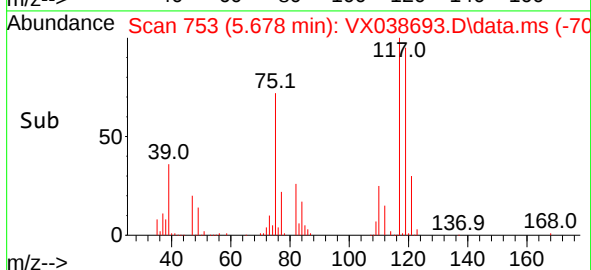
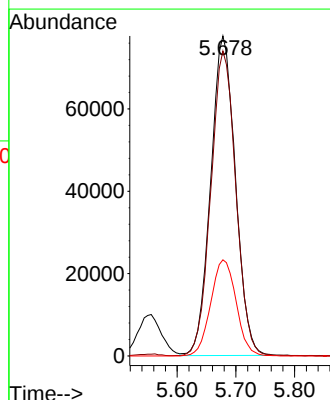
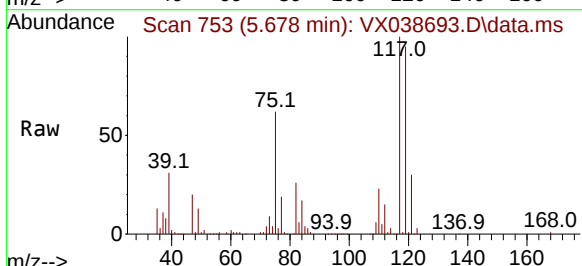
Delta R.T. 0.000 min

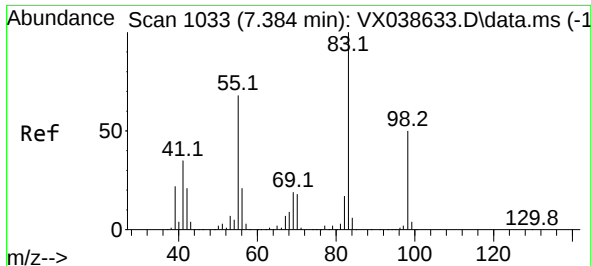
Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Tgt Ion:117 Resp: 227374

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.1	24.4	36.6





#39

Methylcyclohexane

Concen: 45.472 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 24178

Ion Ratio Lower Upper

83 100

55 67.4 64.6 97.0

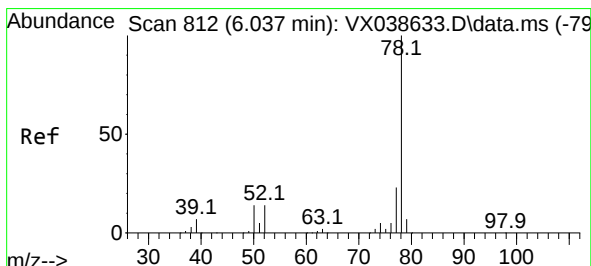
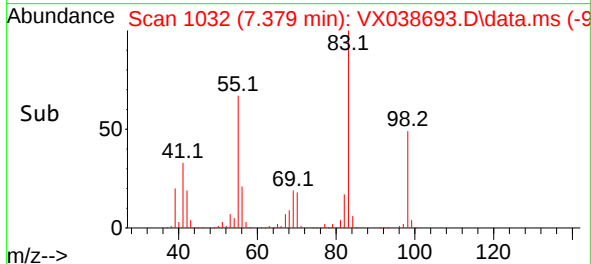
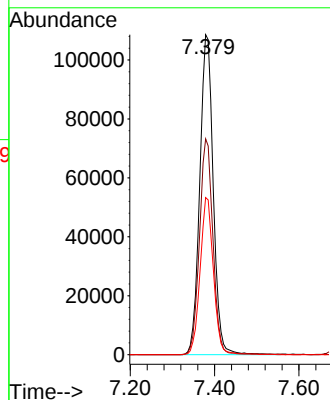
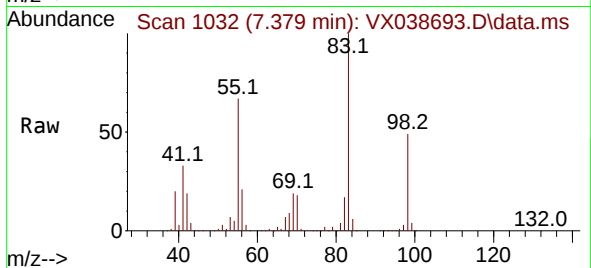
98 49.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 48.805 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038693.D

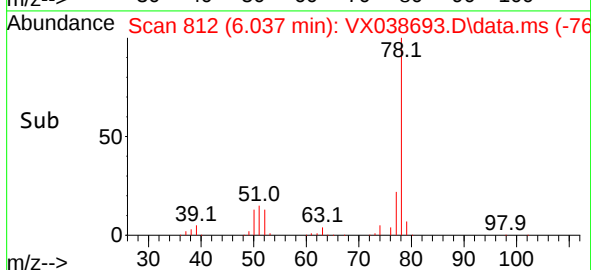
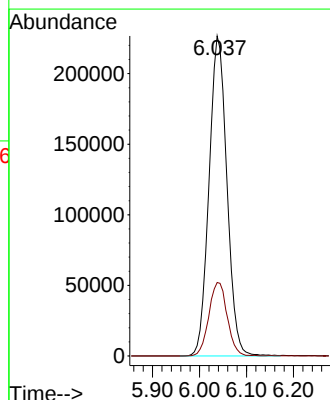
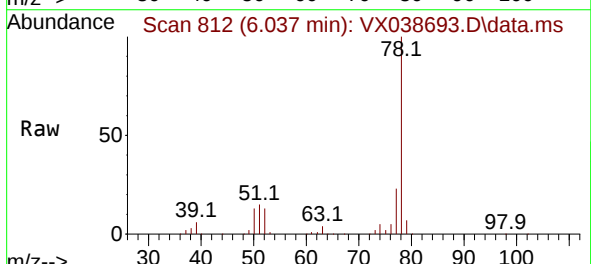
Acq: 09 Nov 2023 20:06

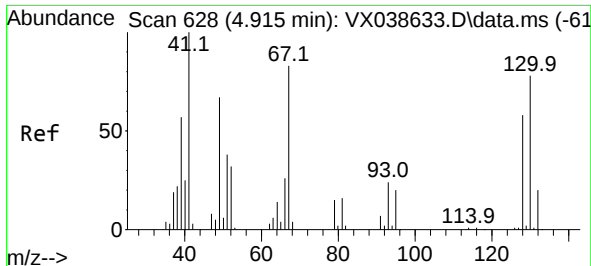
Tgt Ion: 78 Resp: 597829

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 50.997 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

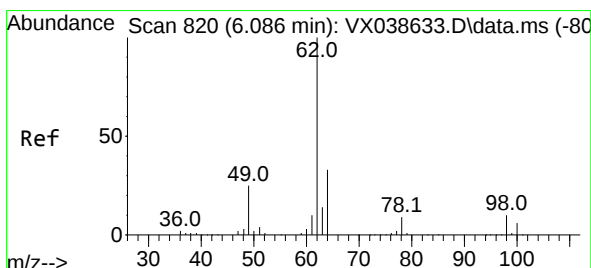
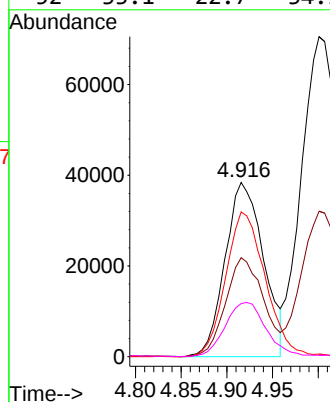
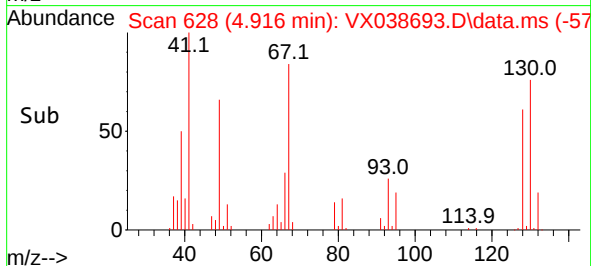
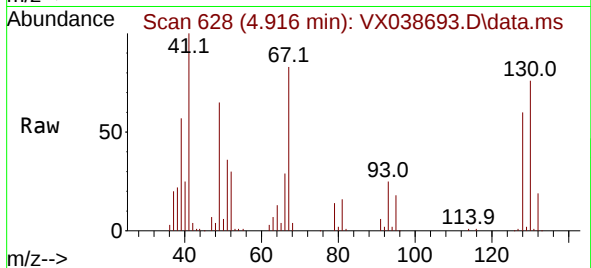
VSTDCCC050EC

Tgt Ion: 41 Resp: 11281
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 85.8 52.6 78.8
52 33.1 22.7 34.1

Manual Integrations

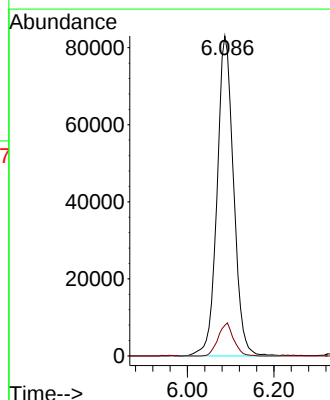
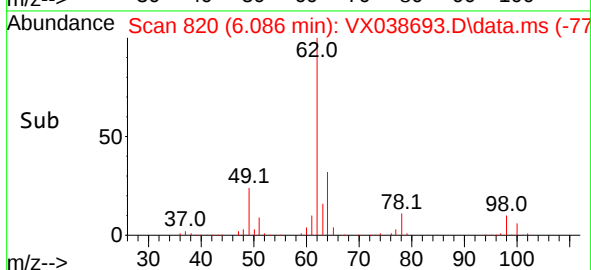
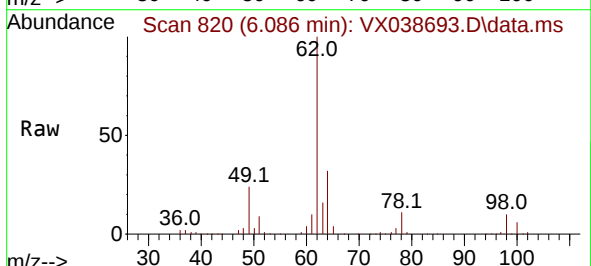
APPROVED

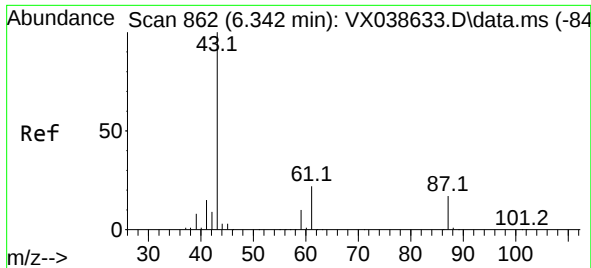
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 49.920 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

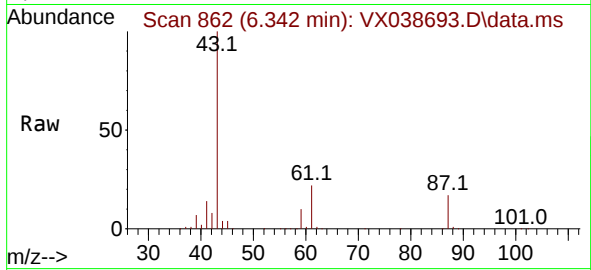
Tgt Ion: 62 Resp: 220639
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.349 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

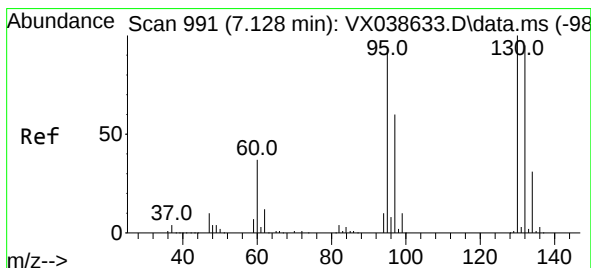
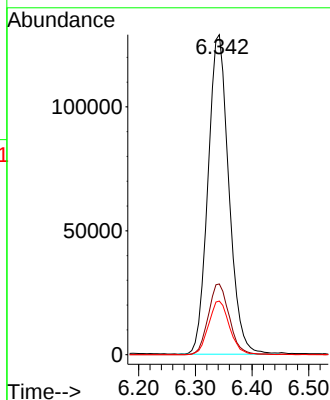
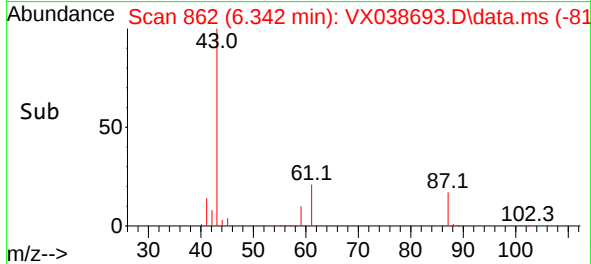
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32942
Ion Ratio Lower Upper
43 100
61 22.3 15.2 22.8
87 16.9 9.8 14.6

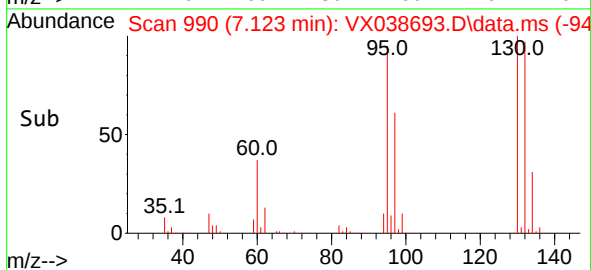
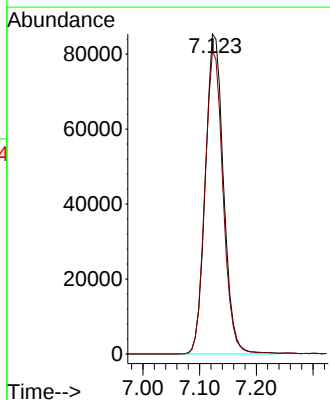
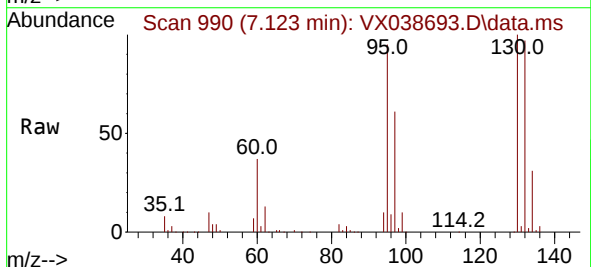
Manual Integrations
APPROVED

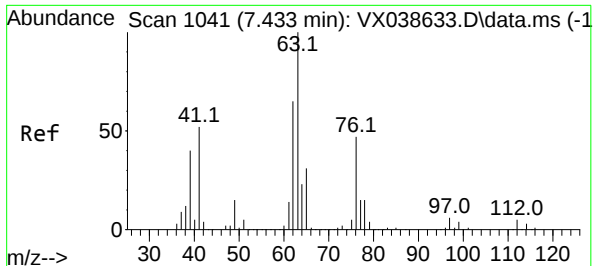
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Trichloroethene
Concen: 49.786 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion:130 Resp: 189748
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.671 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 147085

Ion Ratio Lower Upper

63 100

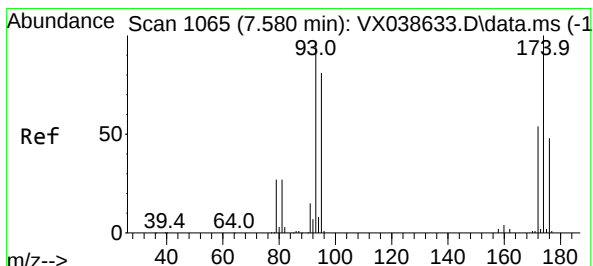
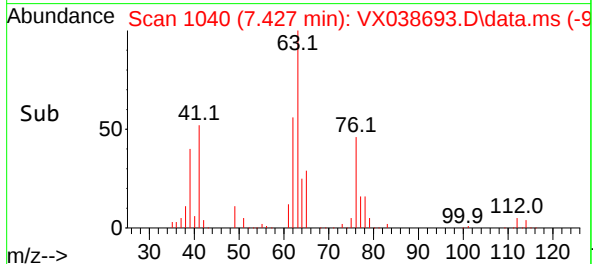
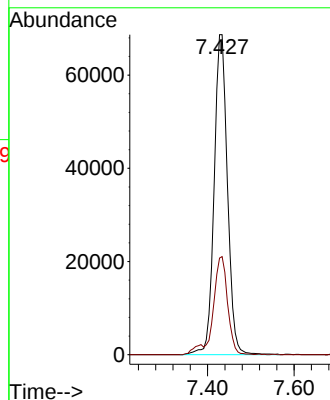
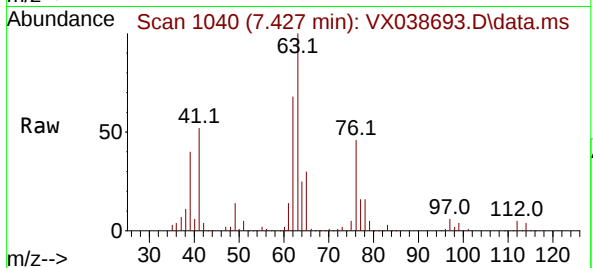
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 49.456 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

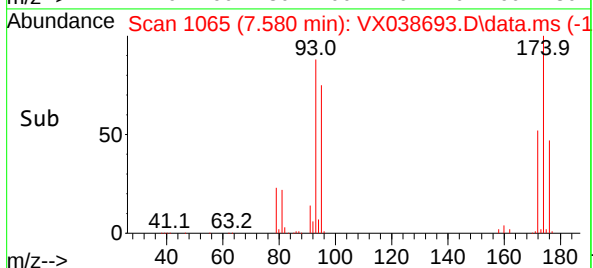
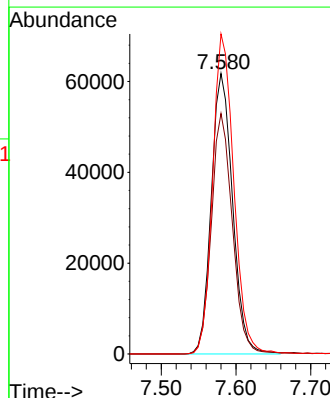
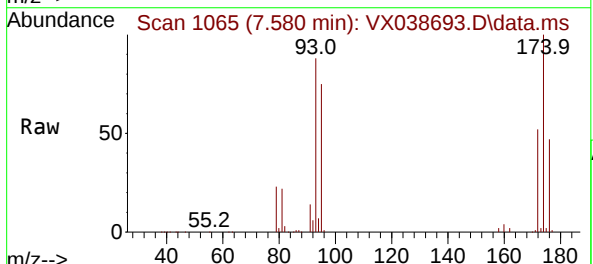
Tgt Ion: 93 Resp: 122472

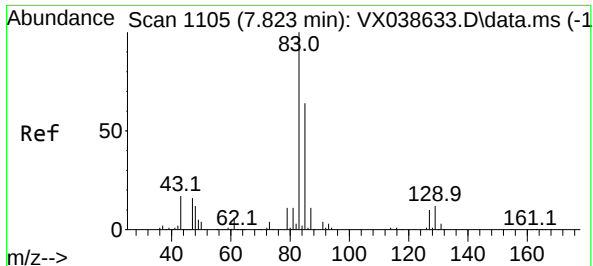
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

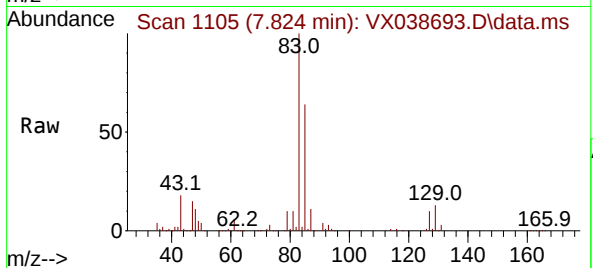
174 113.9 69.4 104.0#





#47
Bromodichloromethane
Concen: 48.524 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

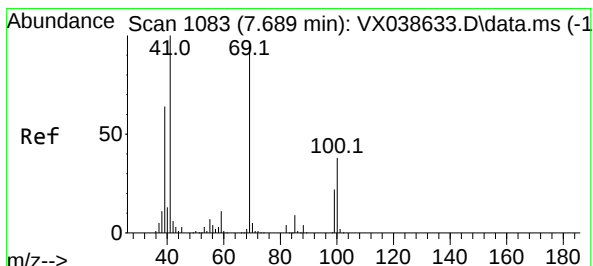
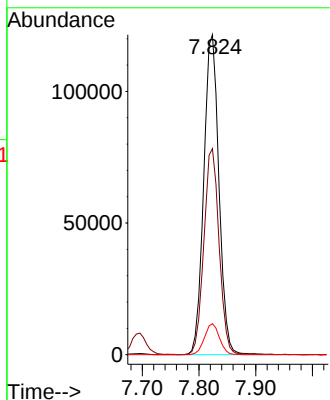
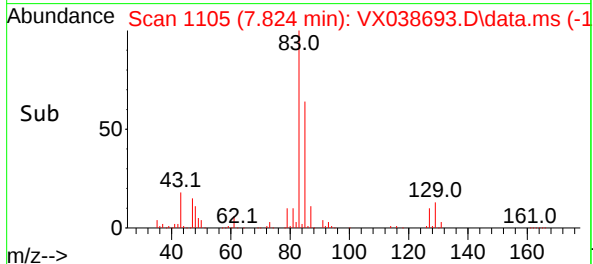
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



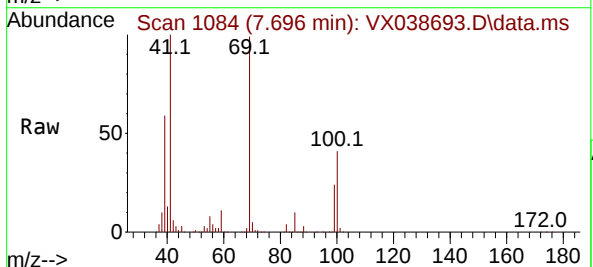
Tgt Ion: 83 Resp: 225986
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
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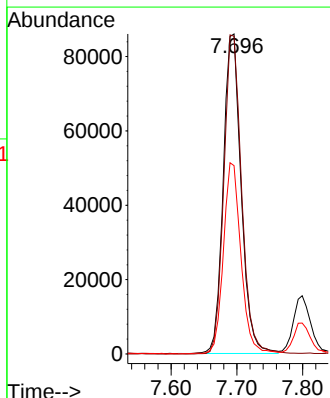
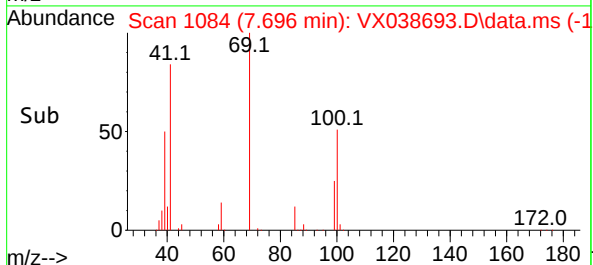
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

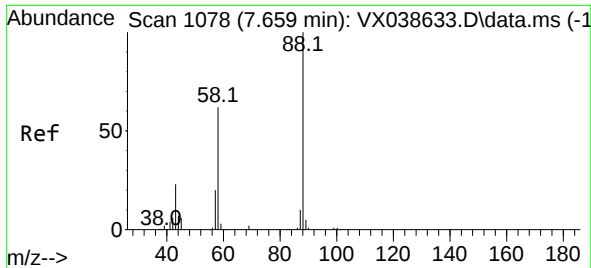


#48
Methyl methacrylate
Concen: 50.567 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



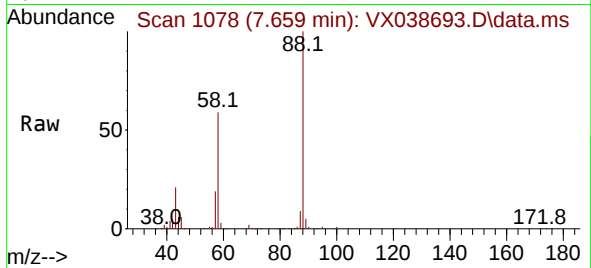
Tgt Ion: 41 Resp: 162676
Ion Ratio Lower Upper
41 100
69 99.5 59.2 88.8#
39 58.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1173.302 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

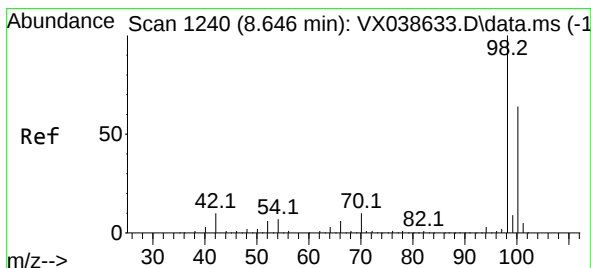
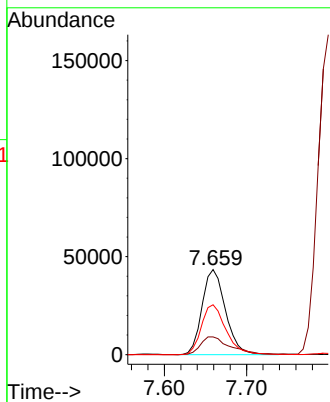
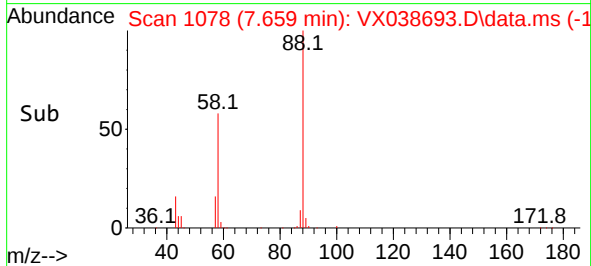
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 85929
Ion Ratio Lower Upper
88 100
43 26.8 0.0 0.0
58 61.5 60.1 90.1

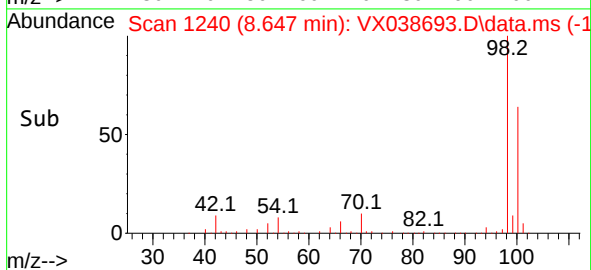
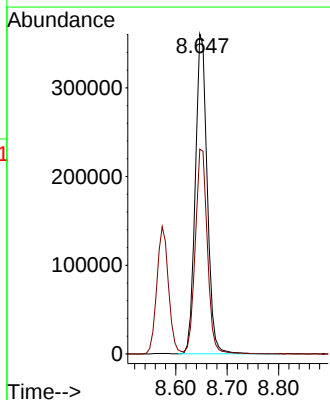
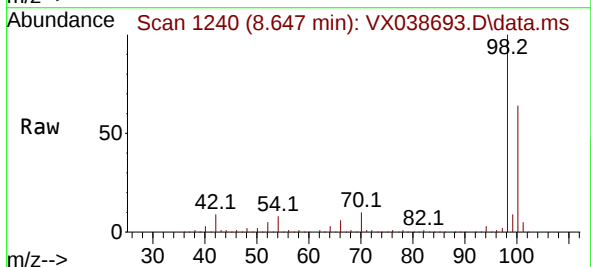
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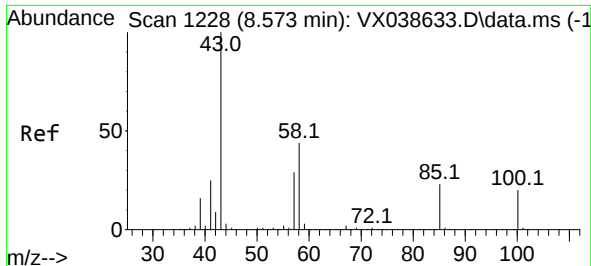
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 47.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 98 Resp: 580373
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7





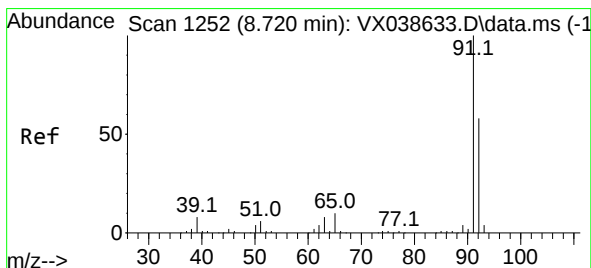
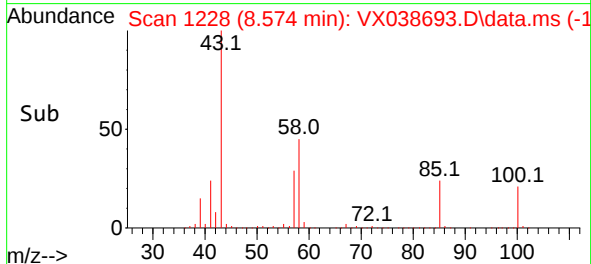
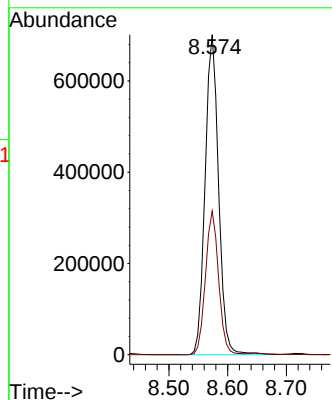
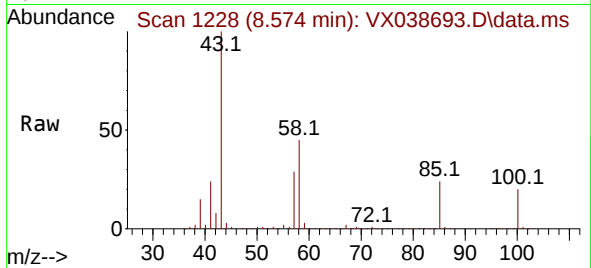
#51
4-Methyl-2-Pentanone
Concen: 256.456 ug/l
RT: 8.574 min Scan# 111540
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111540
Ion Ratio Lower Upper
43 100
58 43.7 30.4 45.6

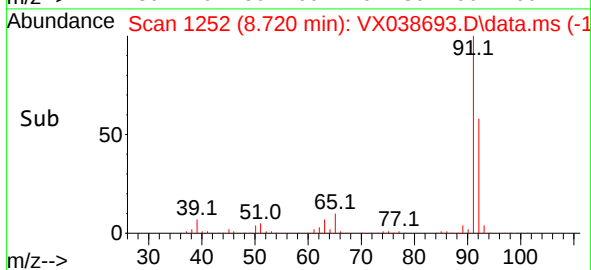
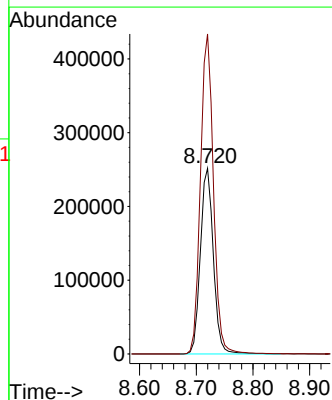
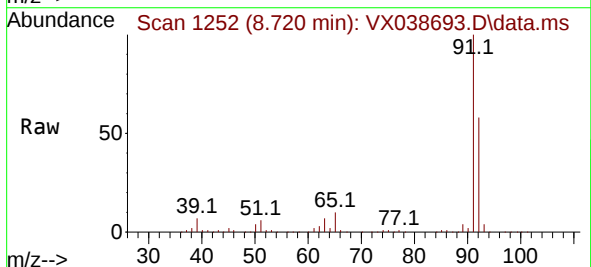
Manual Integrations
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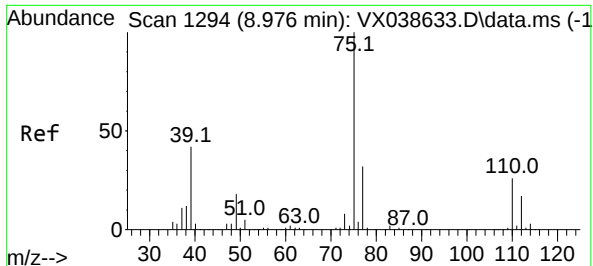
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Toluene
Concen: 49.835 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 92 Resp: 399893
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.285 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 23368

Ion Ratio Lower Upper

75 100

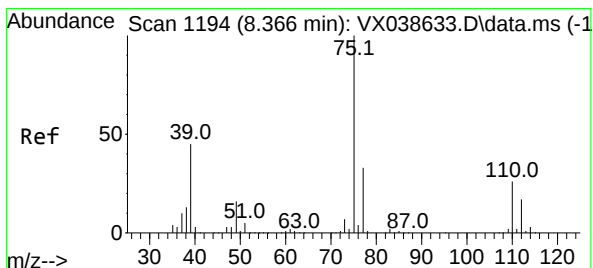
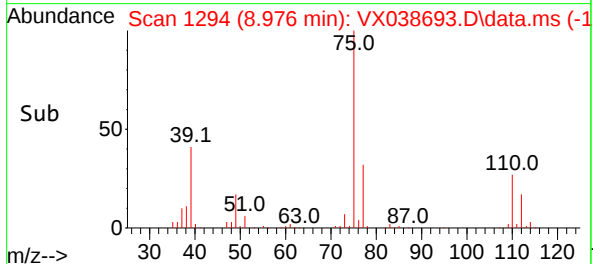
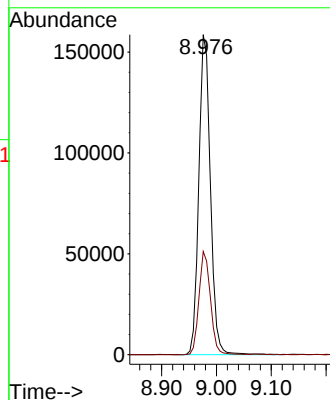
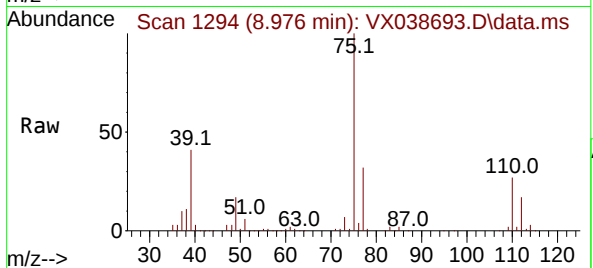
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

cis-1,3-Dichloropropene

Concen: 49.501 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

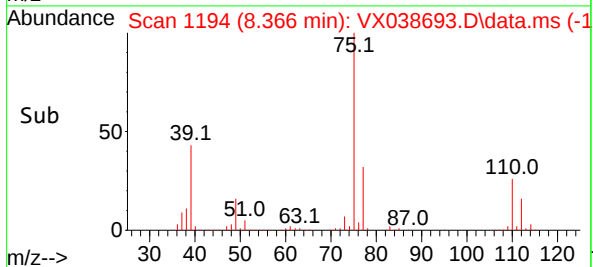
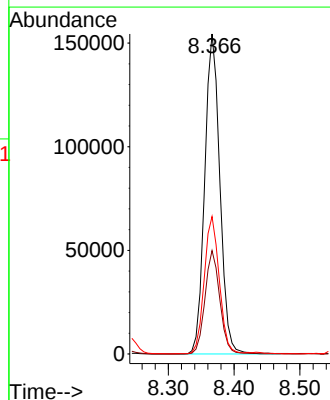
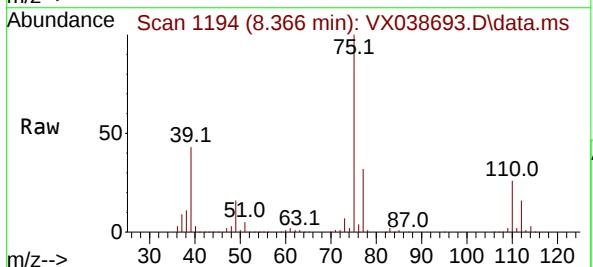
Tgt Ion: 75 Resp: 247773

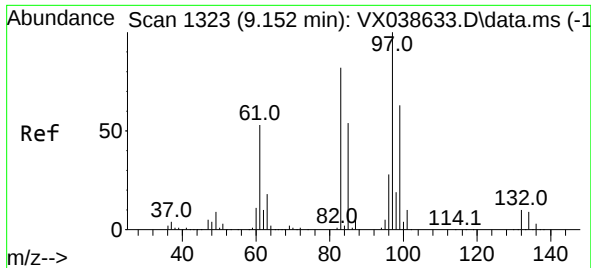
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 42.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.191 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

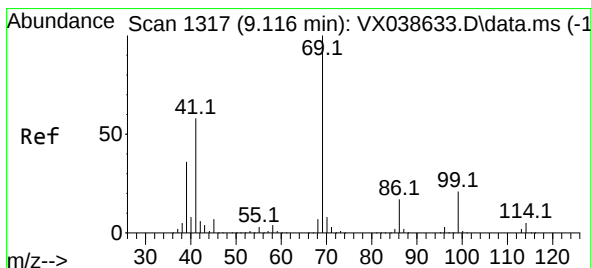
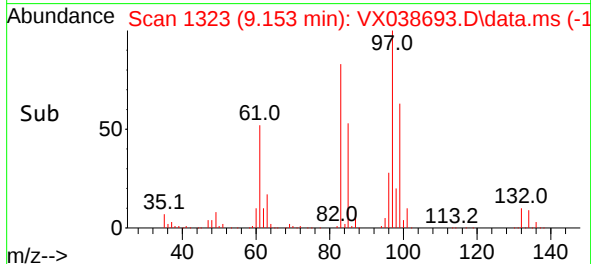
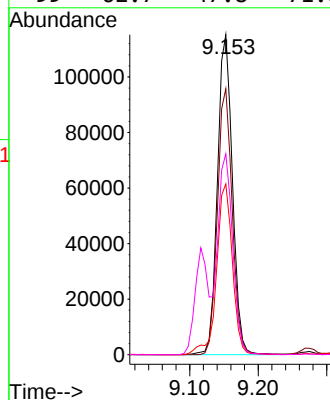
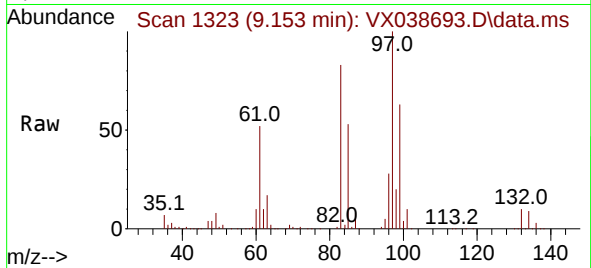
Tgt Ion: 97 Resp: 174292
Ion Ratio Lower Upper
97 100
83 83.1 65.8 98.8
85 53.4 41.6 62.4
99 62.7 47.8 71.8

Manual Integrations

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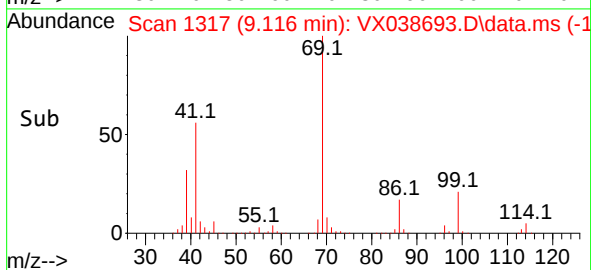
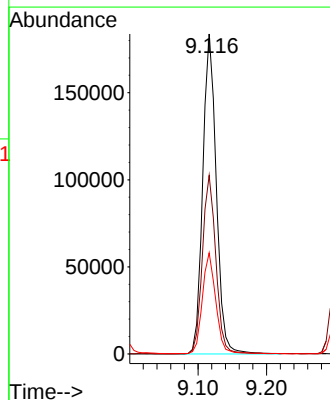
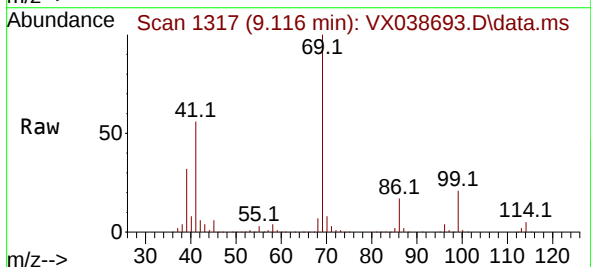
Reviewed By :John Carlone 11/10/2023

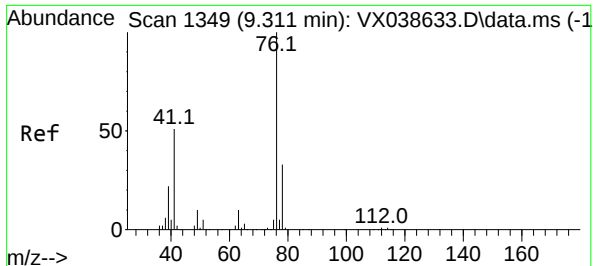
Supervised By :Mahesh Dadoda 11/13/2023



#56
Ethyl methacrylate
Concen: 53.081 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 69 Resp: 252855
Ion Ratio Lower Upper
69 100
41 55.8 56.8 85.2#
39 31.5 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 50.394 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 26724

Ion Ratio Lower Upper

76 100

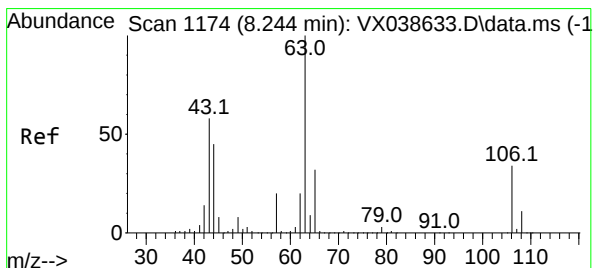
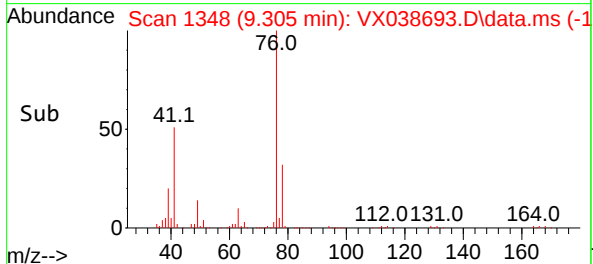
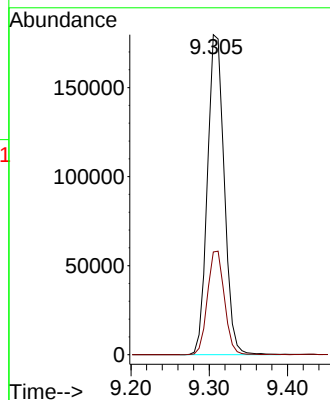
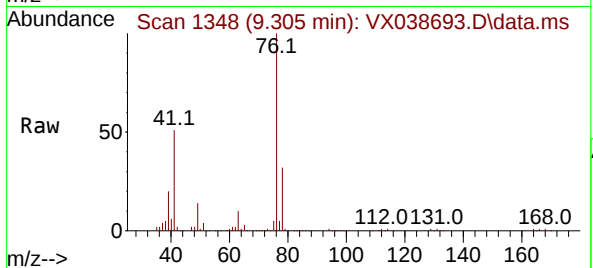
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.591 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038693.D

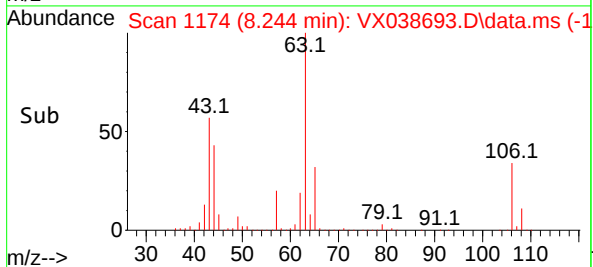
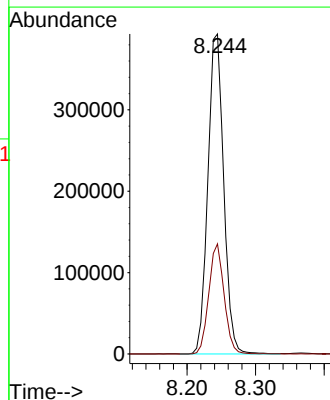
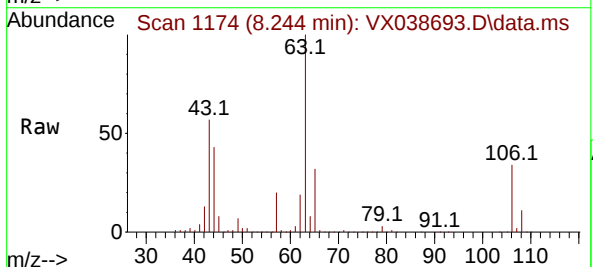
Acq: 09 Nov 2023 20:06

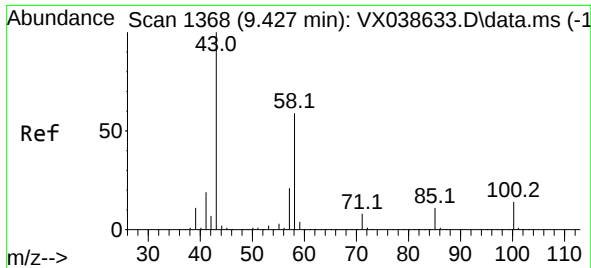
Tgt Ion: 63 Resp: 631416

Ion Ratio Lower Upper

63 100

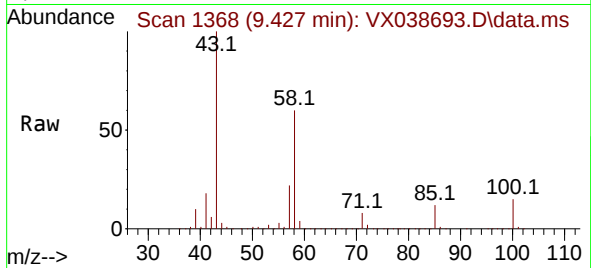
106 33.4 22.5 33.7





#59
2-Hexanone
Concen: 254.591 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

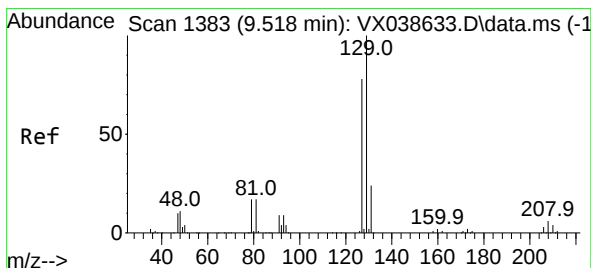
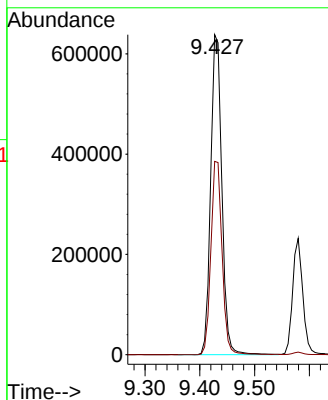
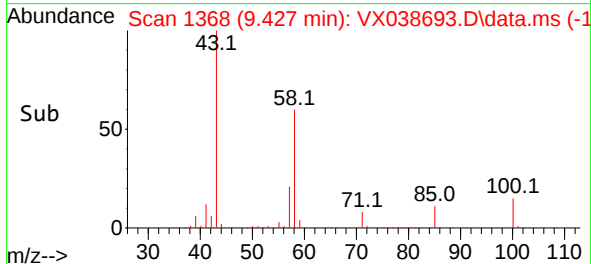
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



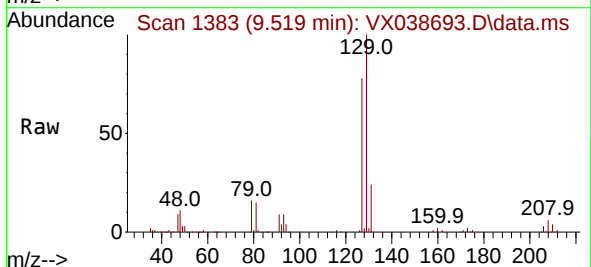
Tgt Ion: 43 Resp: 895954
Ion Ratio Lower Upper
43 100
58 60.6 26.2 78.5

Manual Integrations
APPROVED

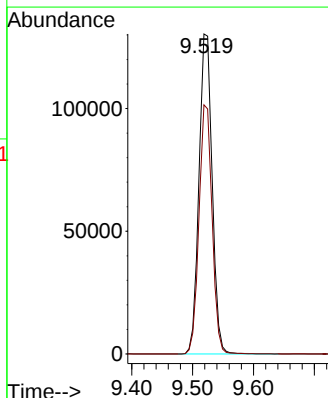
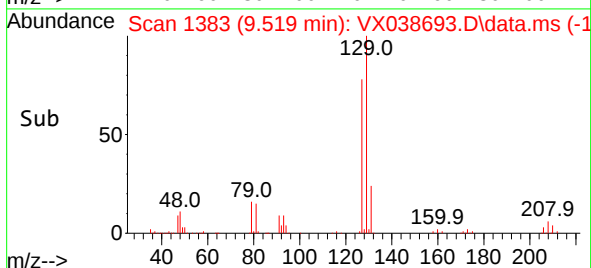
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

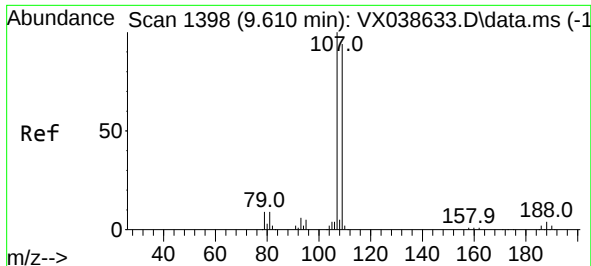


#60
Dibromochloromethane
Concen: 51.284 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



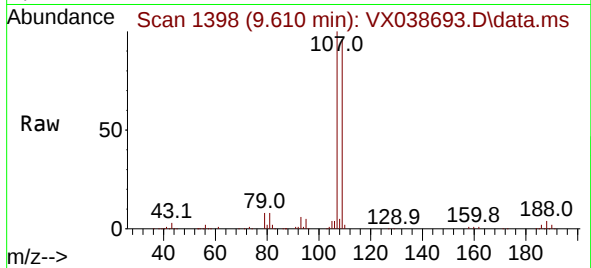
Tgt Ion:129 Resp: 196008
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.002 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

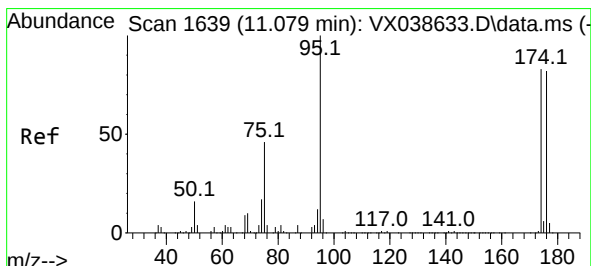
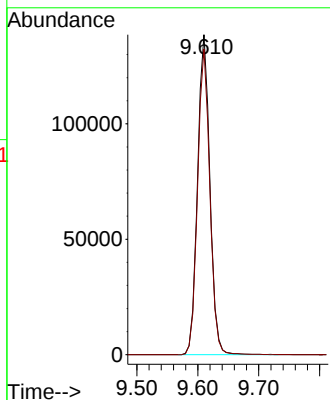
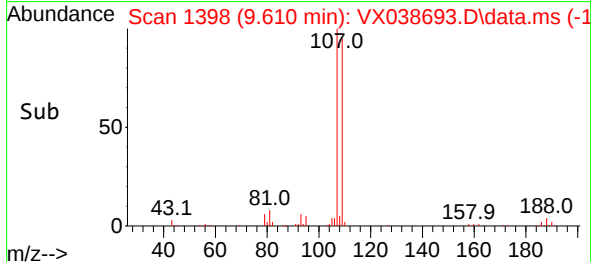
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



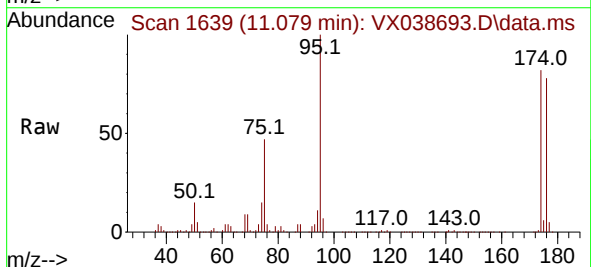
Tgt Ion:107 Resp: 19515
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

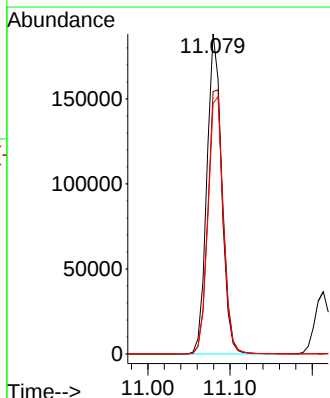
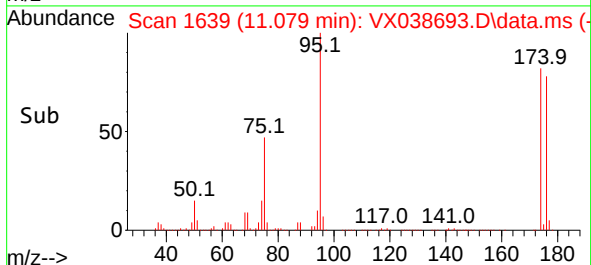
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

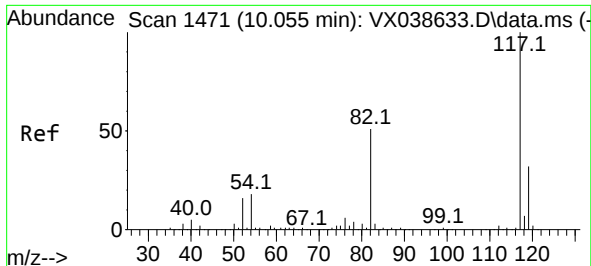


#62
4-Bromofluorobenzene
Concen: 49.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



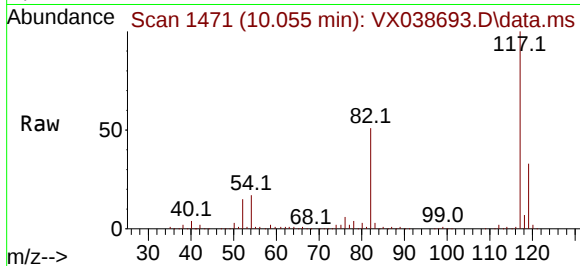
Tgt Ion: 95 Resp: 233989
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

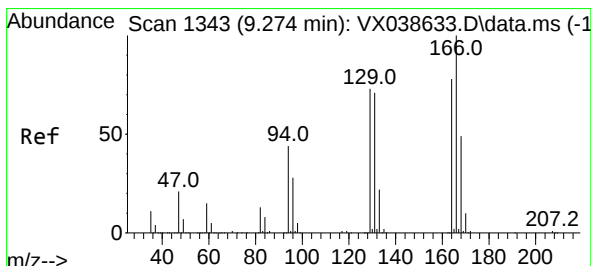
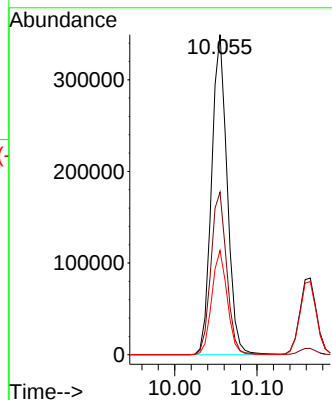
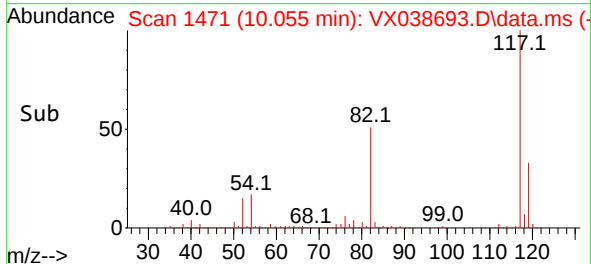
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 460362
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.6 25.5 38.3

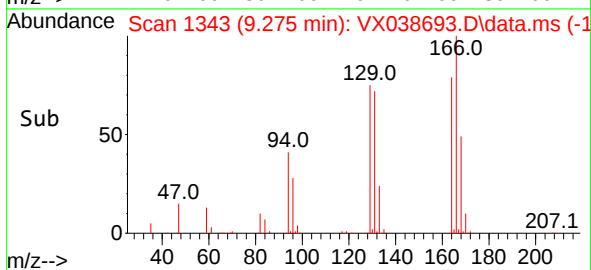
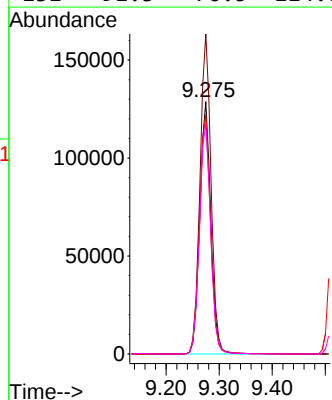
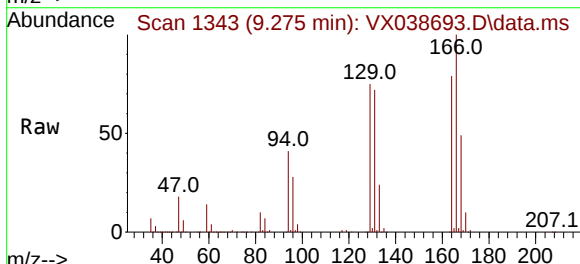
Manual Integrations
APPROVED

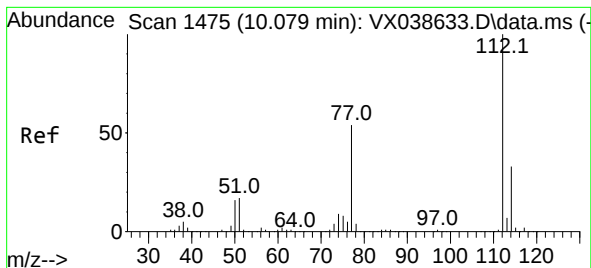
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 54.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

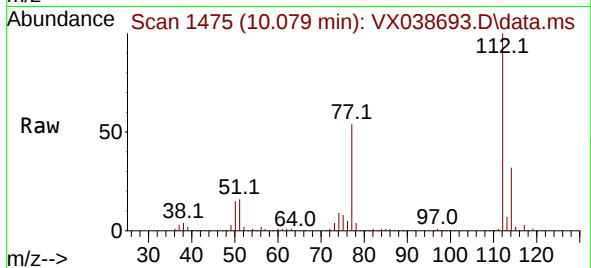
Tgt Ion:164 Resp: 186338
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 94.9 80.4 120.6
131 91.3 76.5 114.7





#65
Chlorobenzene
Concen: 49.171 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

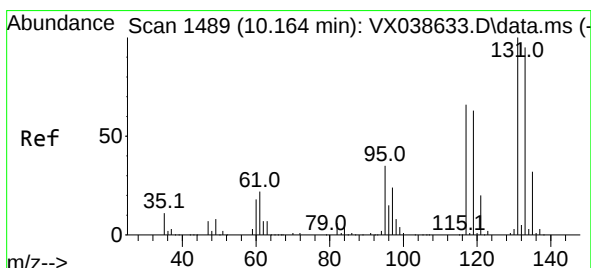
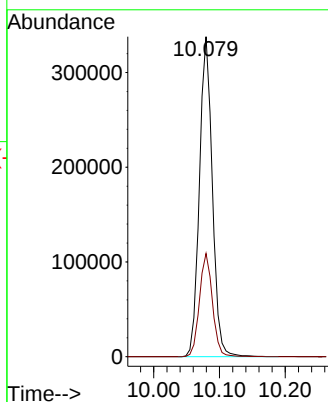
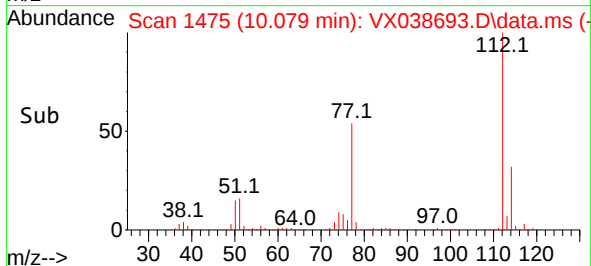
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



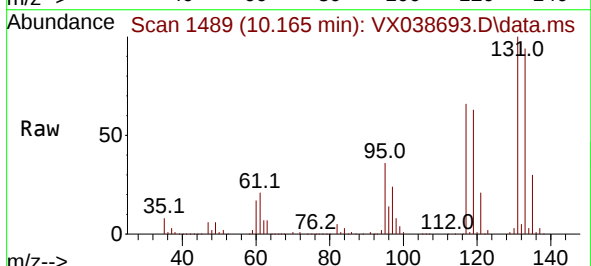
Tgt Ion:112 Resp: 460800
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

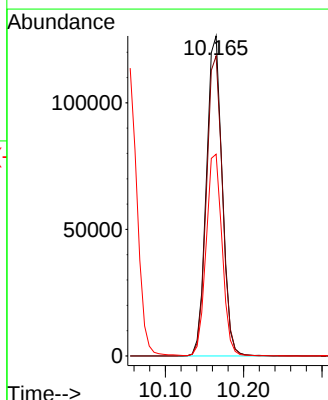
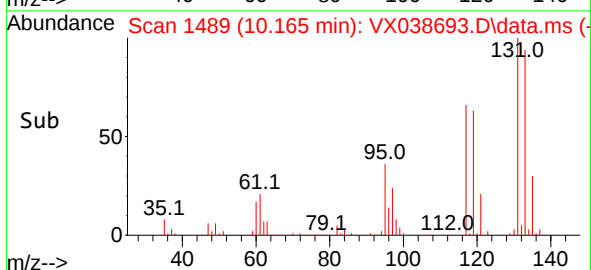
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

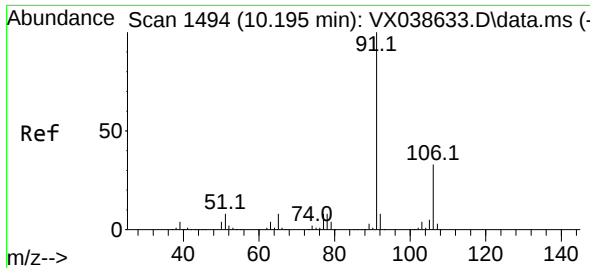


#66
1,1,1,2-Tetrachloroethane
Concen: 50.174 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



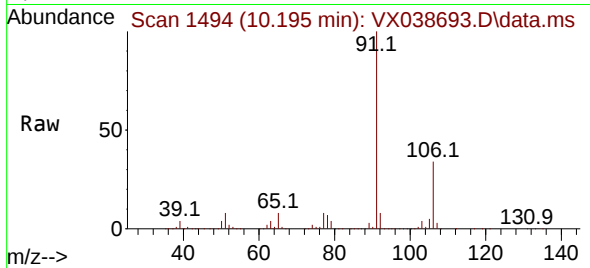
Tgt Ion:131 Resp: 176760
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 63.9 32.2 96.6





#67
Ethyl Benzene
Concen: 48.533 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

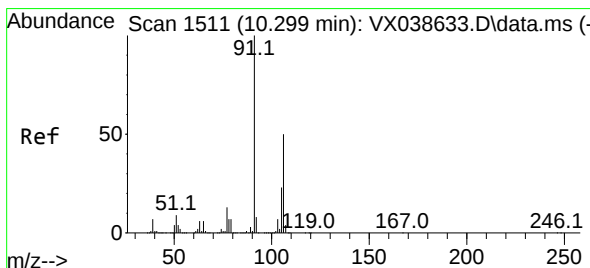
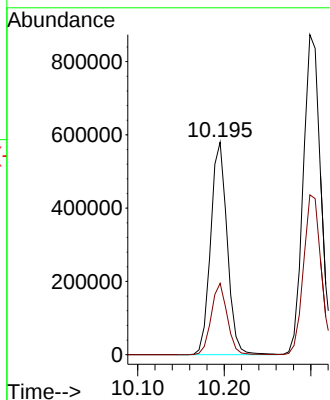
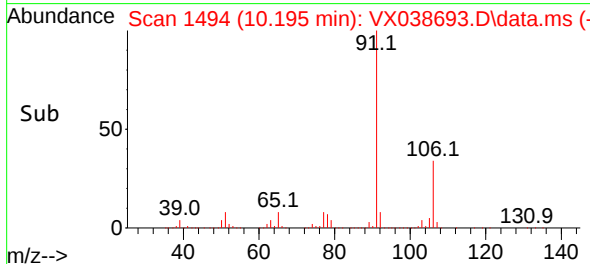
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



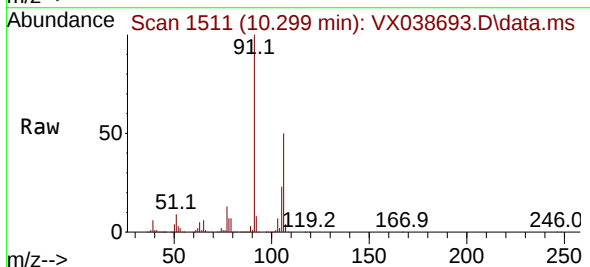
Tgt Ion: 91 Resp: 769345
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

Manual Integrations
APPROVED

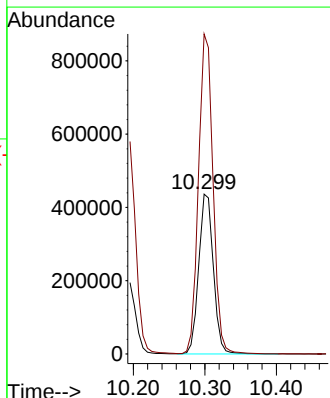
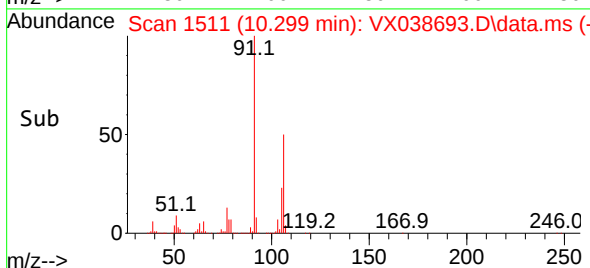
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

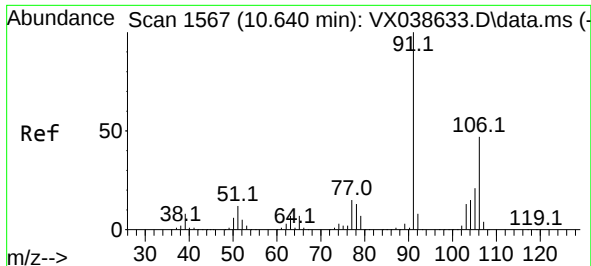


#68
m/p-Xylenes
Concen: 98.405 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



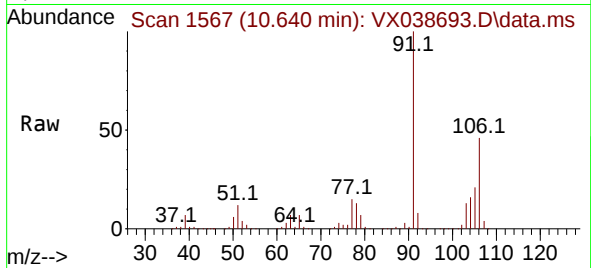
Tgt Ion:106 Resp: 619108
Ion Ratio Lower Upper
106 100
91 198.9 165.5 248.3





#69
o-Xylene
Concen: 49.507 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

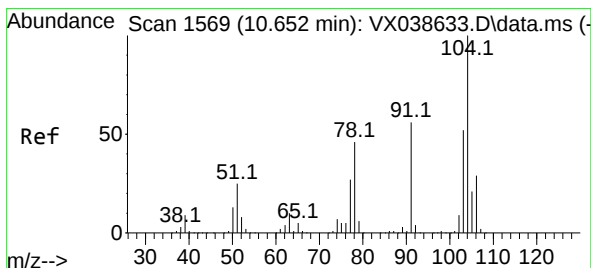
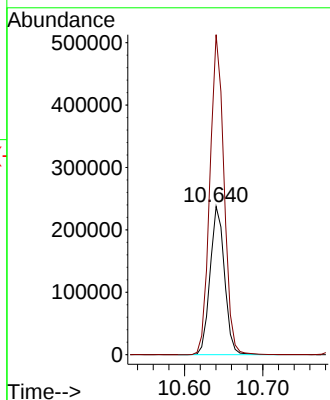
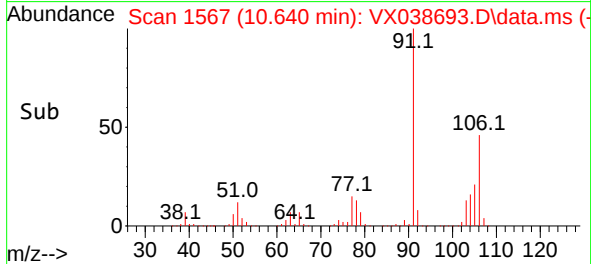
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 30289
Ion Ratio Lower Upper
106 100
91 211.2 108.9 326.8

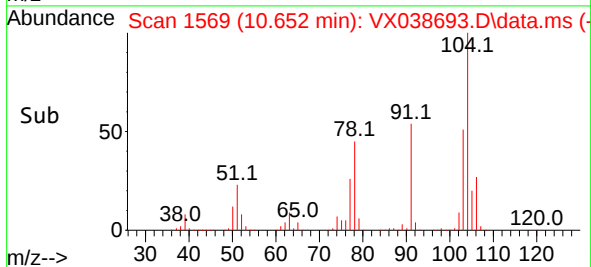
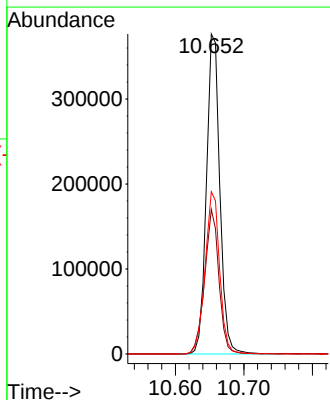
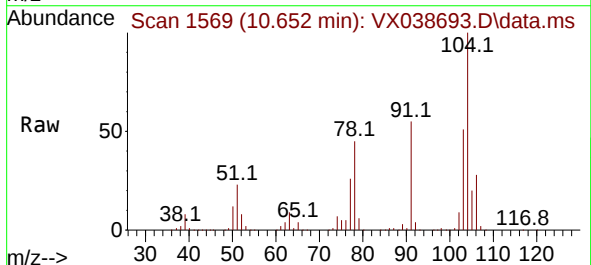
Manual Integrations
APPROVED

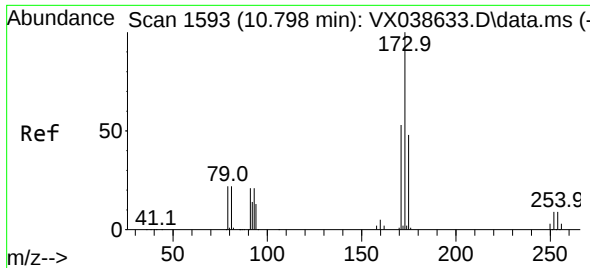
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Styrene
Concen: 50.821 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

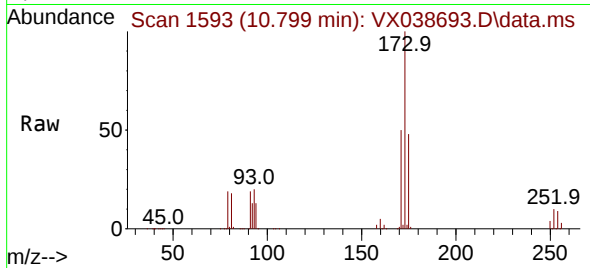
Tgt Ion:104 Resp: 513170
Ion Ratio Lower Upper
104 100
78 48.1 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 50.648 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

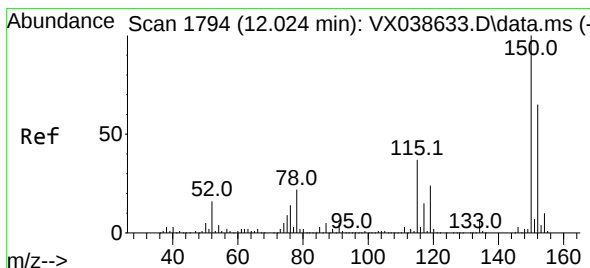
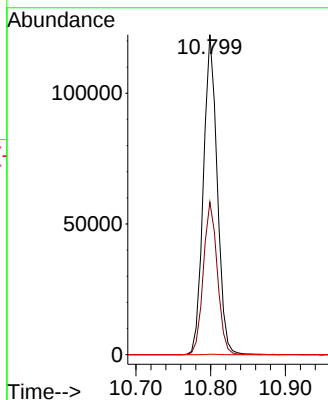
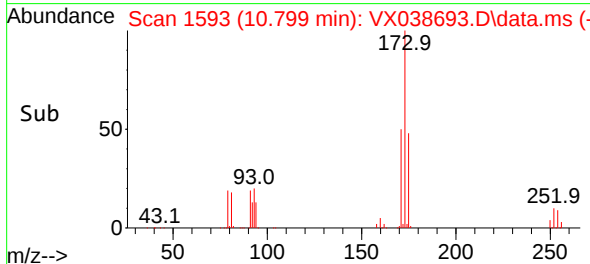
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 15749
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.0 0.0

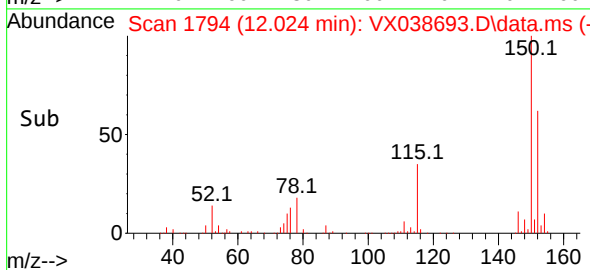
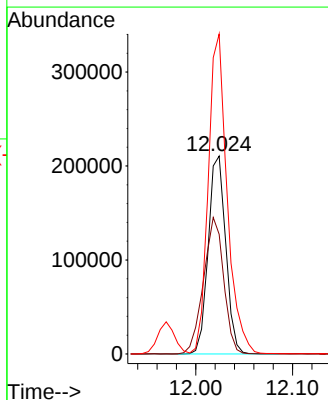
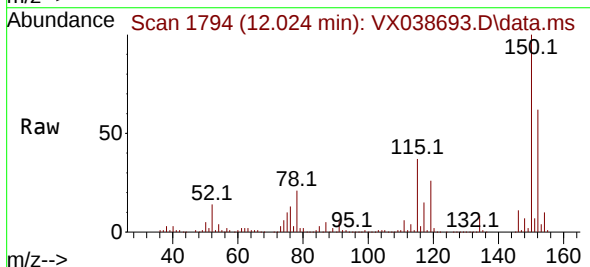
Manual Integrations
APPROVED

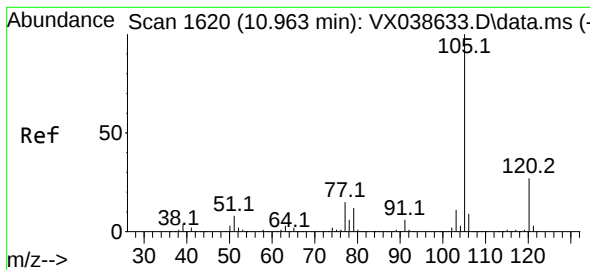
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

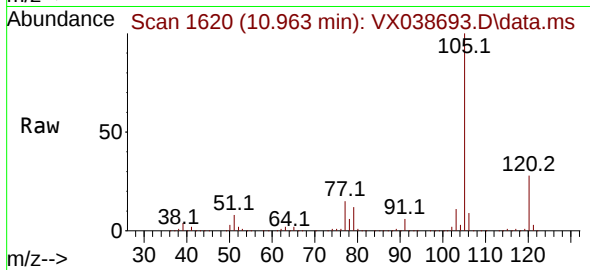
Tgt Ion:152 Resp: 265737
Ion Ratio Lower Upper
152 100
115 79.3 43.3 129.9
150 173.9 0.0 345.0





#73
Isopropylbenzene
Concen: 48.483 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

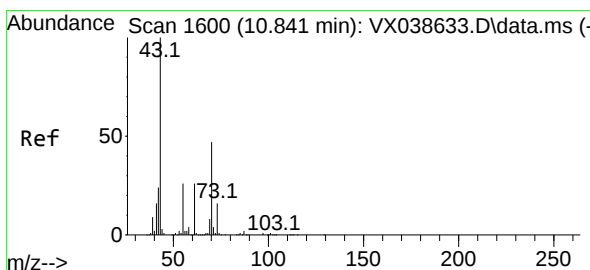
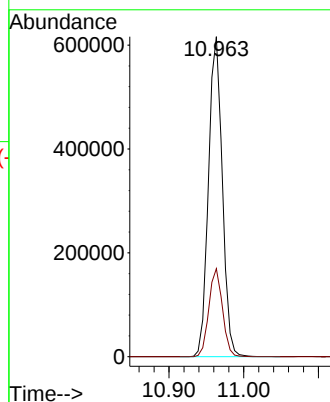
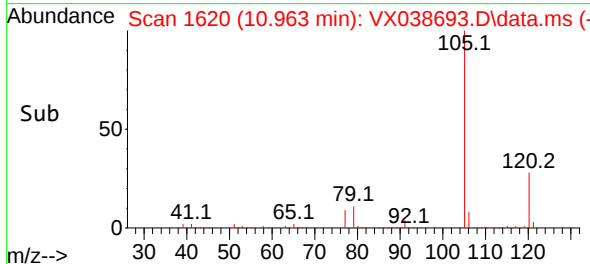
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 790419
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

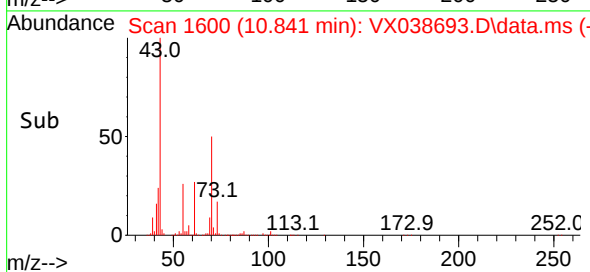
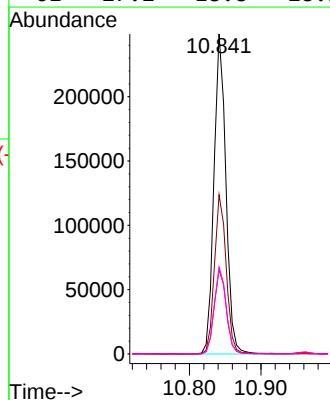
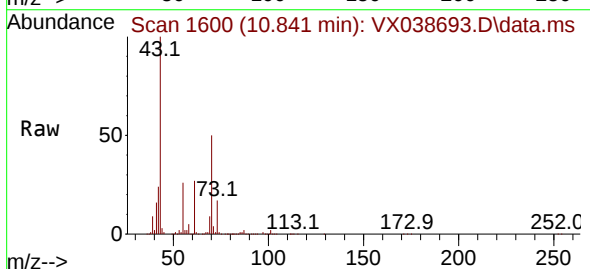
Manual Integrations
APPROVED

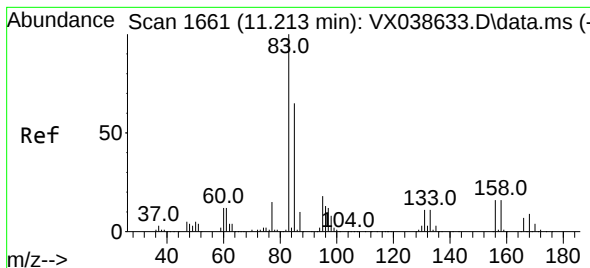
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#74
N-ethyl acetate
Concen: 50.811 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 43 Resp: 287820
Ion Ratio Lower Upper
43 100
70 49.6 32.9 49.3#
55 26.9 19.3 28.9
61 27.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.669 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 274300

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.8

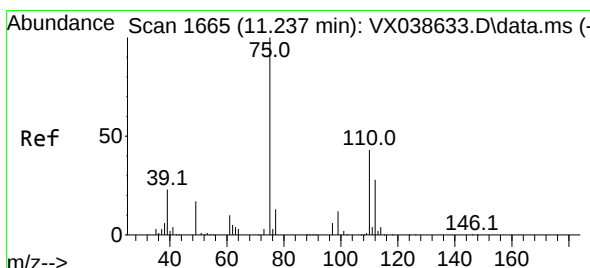
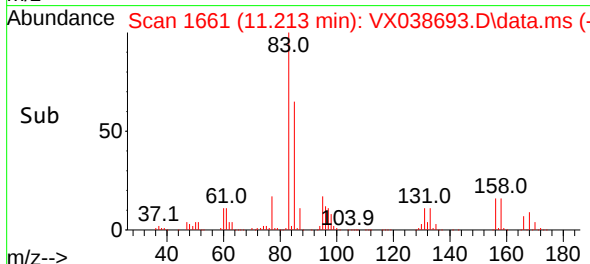
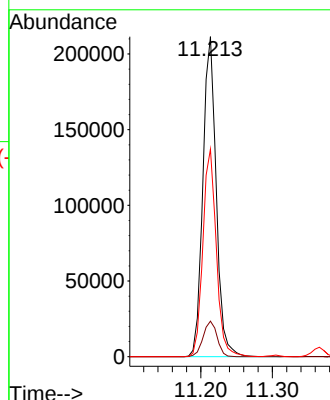
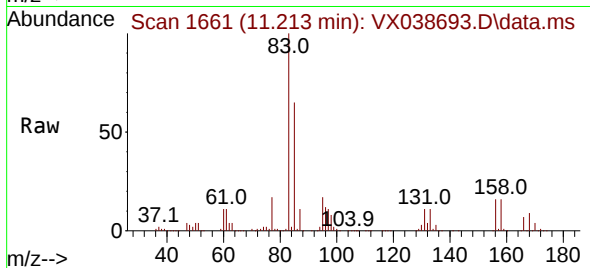
85 65.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#76

1,2,3-Trichloropropane

Concen: 50.020 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038693.D

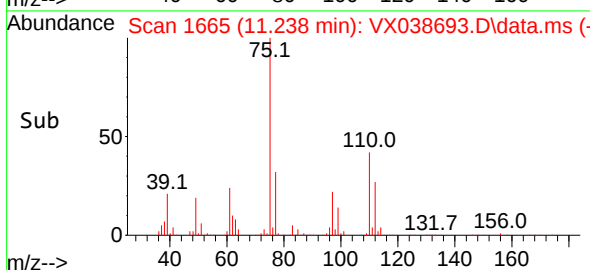
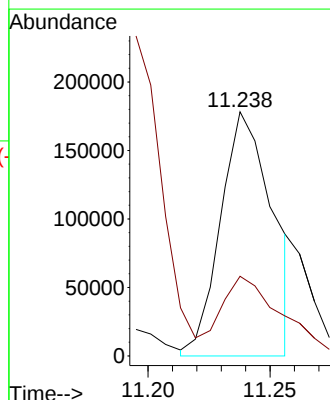
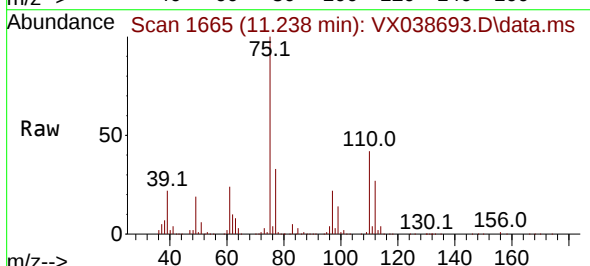
Acq: 09 Nov 2023 20:06

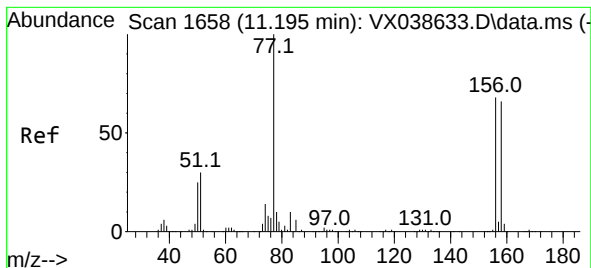
Tgt Ion: 75 Resp: 263250

Ion Ratio Lower Upper

75 100

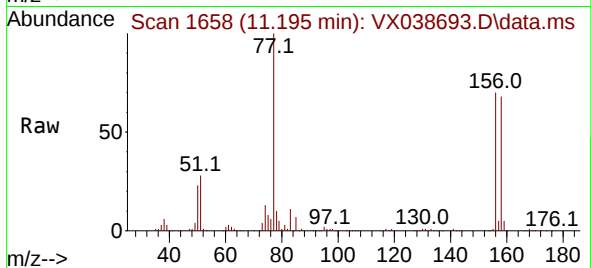
77 38.4 19.1 57.5





#77
Bromobenzene
Concen: 49.149 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

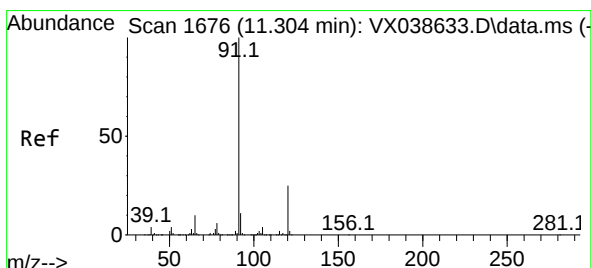
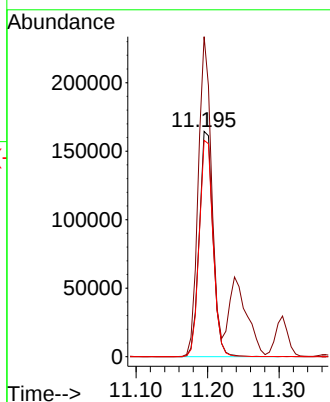
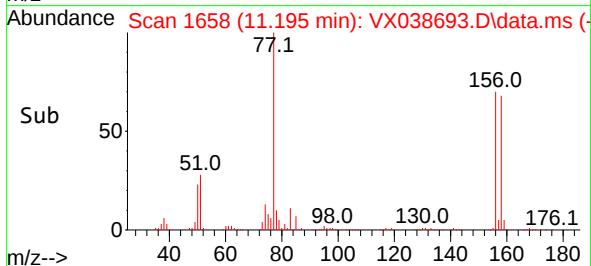
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



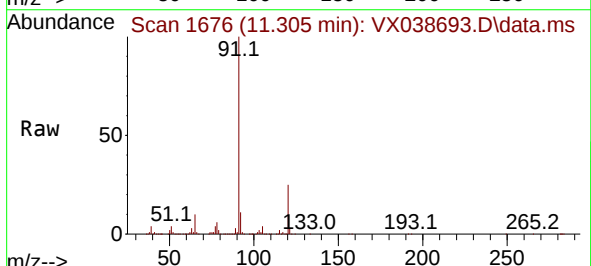
Tgt Ion:156 Resp: 219900
Ion Ratio Lower Upper
156 100
77 137.0 88.4 265.3
158 96.9 48.0 144.0

Manual Integrations
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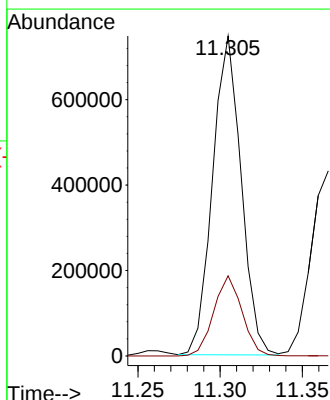
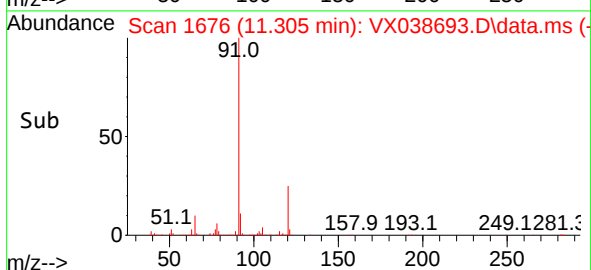
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

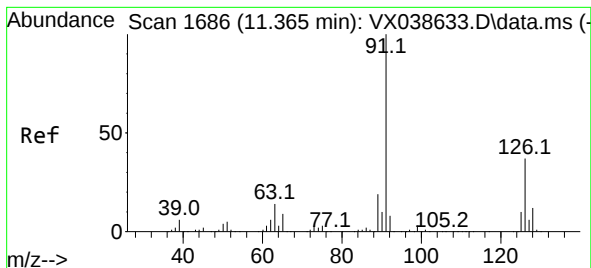


#78
n-propylbenzene
Concen: 47.462 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06



Tgt Ion: 91 Resp: 900423
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4





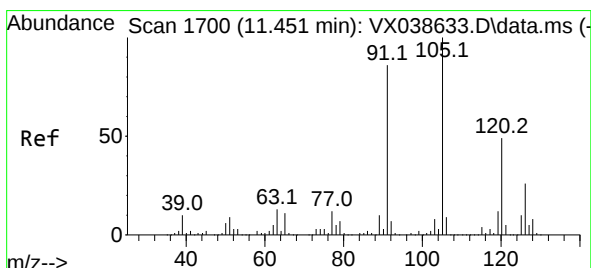
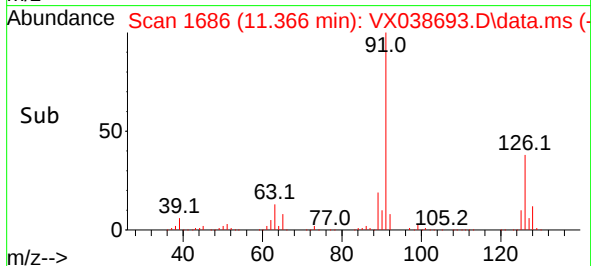
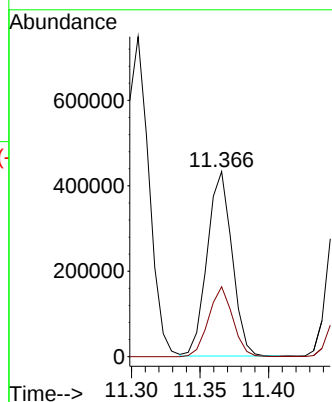
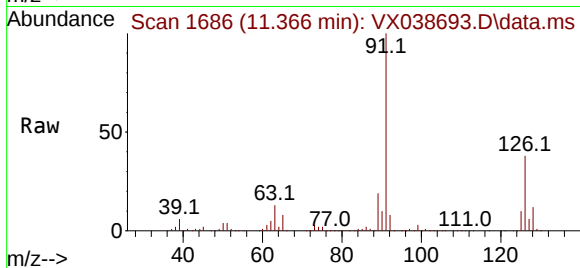
#79
2-Chlorotoluene
Concen: 48.027 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 54549
Ion Ratio Lower Upper
91 100
126 36.8 16.3 48.8

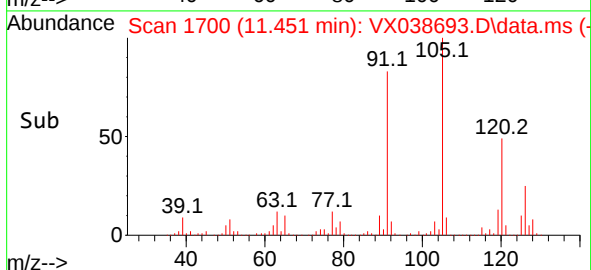
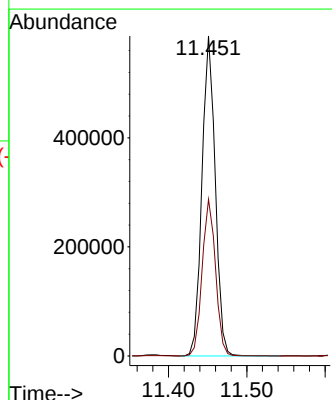
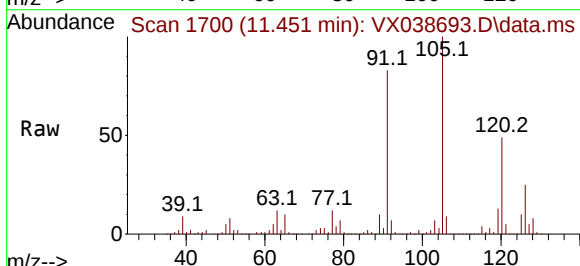
Manual Integrations
APPROVED

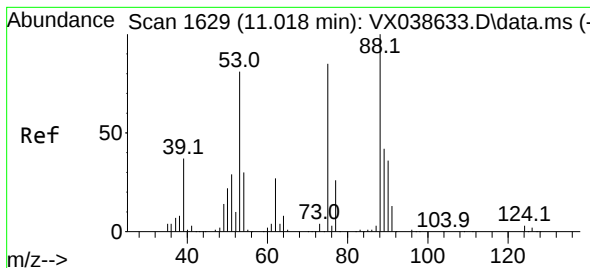
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.181 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion:105 Resp: 690064
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





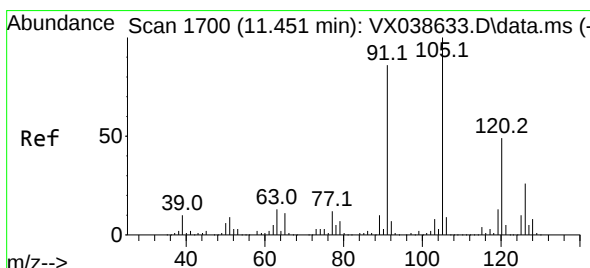
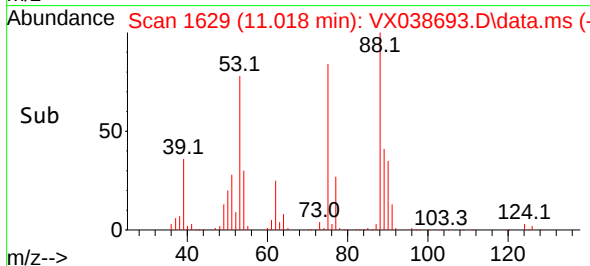
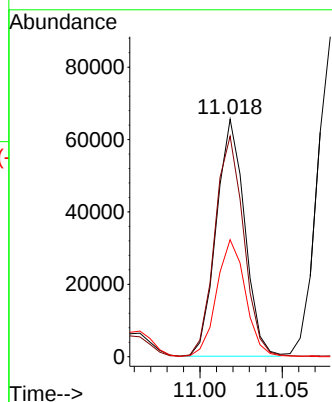
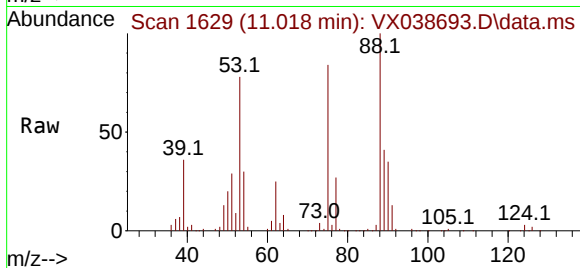
#81
trans-1,4-Dichloro-2-butene
Concen: 47.061 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7866
Ion Ratio Lower Upper
75 100
53 94.3 90.5 135.7
89 50.2 36.9 55.3

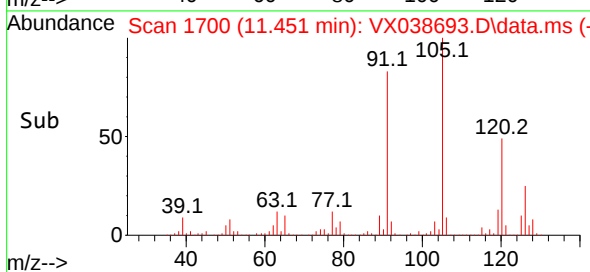
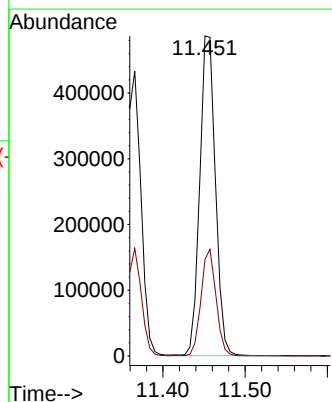
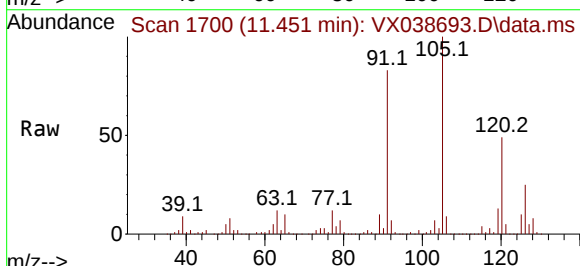
Manual Integrations
APPROVED

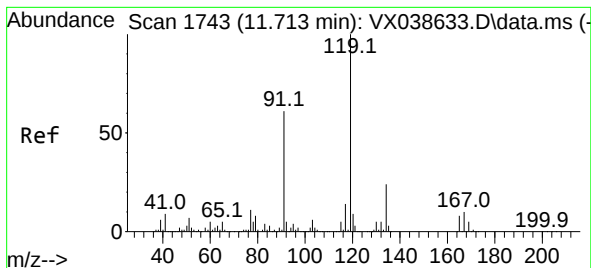
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 48.773 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 91 Resp: 647165
Ion Ratio Lower Upper
91 100
126 31.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.962 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 667674

Ion Ratio Lower Upper

119 100

91 57.8 31.2 93.6

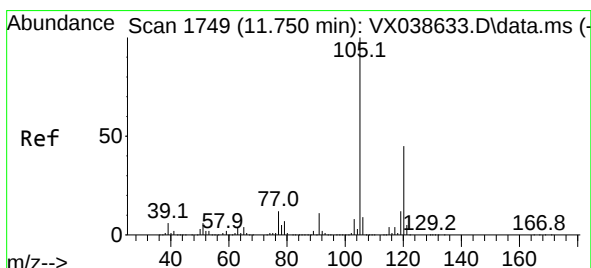
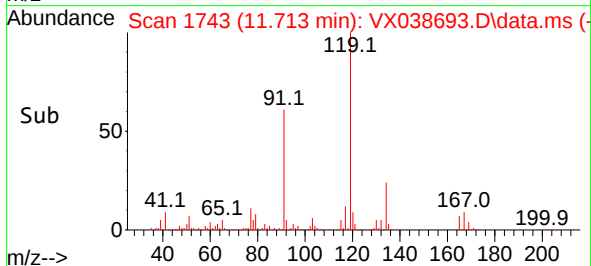
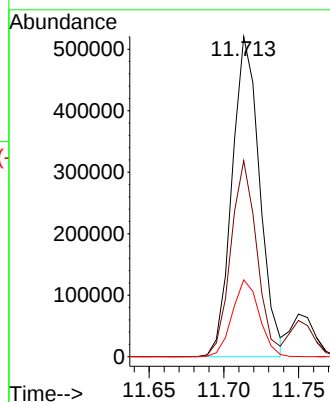
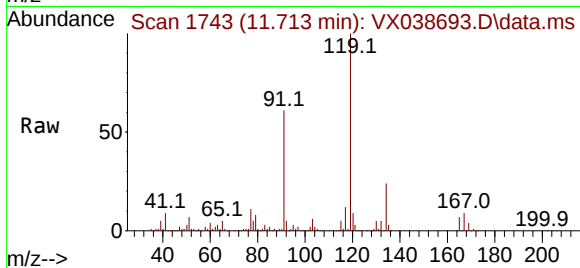
134 23.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.211 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038693.D

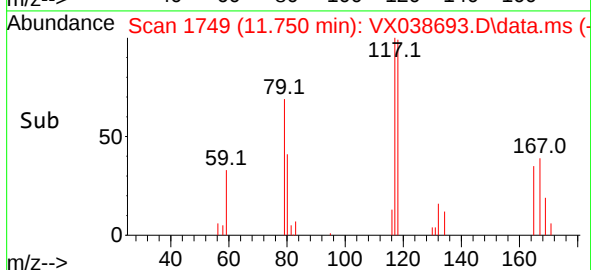
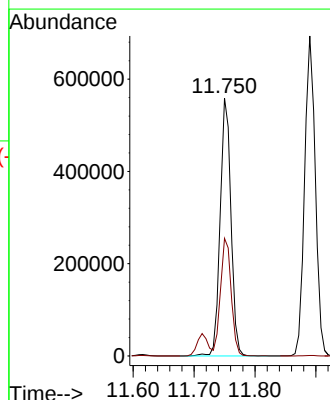
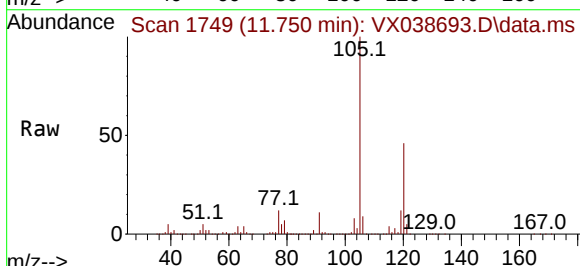
Acq: 09 Nov 2023 20:06

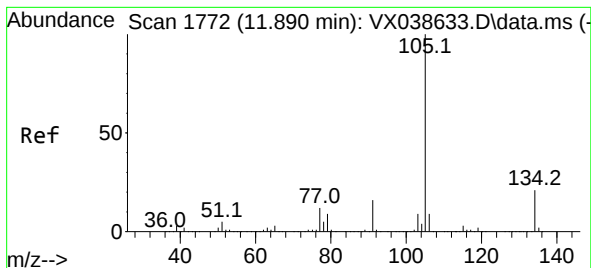
Tgt Ion:105 Resp: 684831

Ion Ratio Lower Upper

105 100

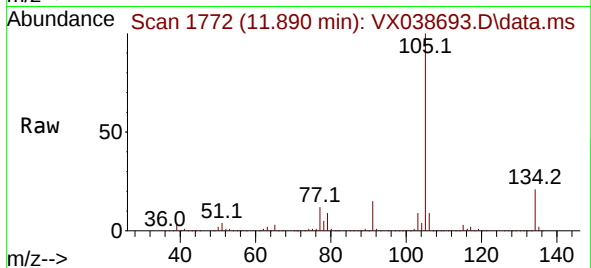
120 45.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.596 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038693.D
 Acq: 09 Nov 2023 20:06

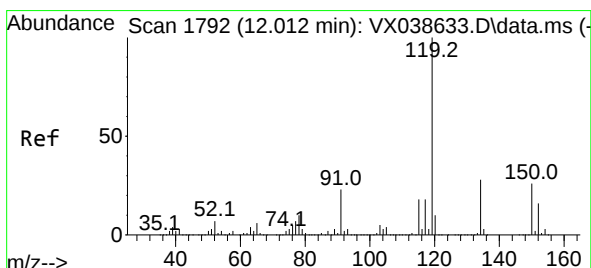
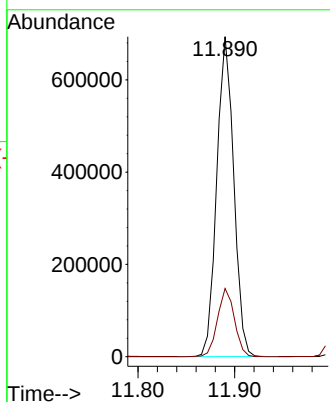
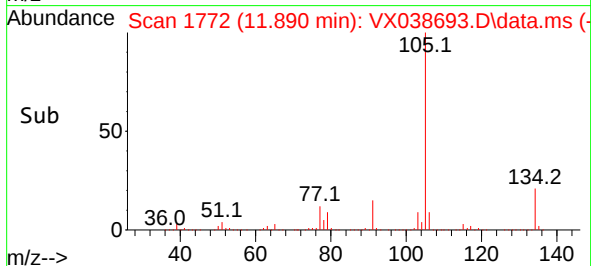
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



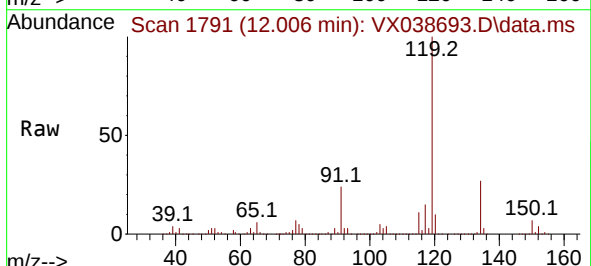
Tgt Ion:105 Resp: 844359
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4

Manual Integrations
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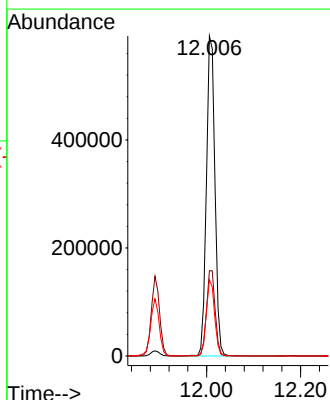
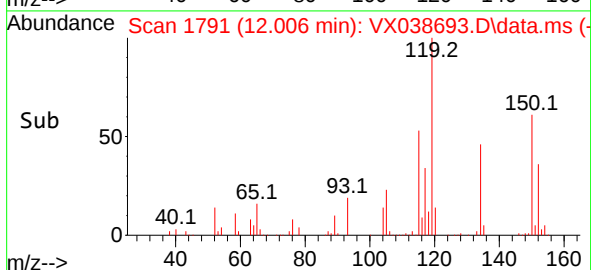
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023

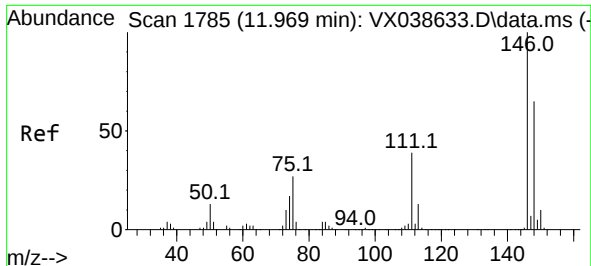


#86
 p-Isopropyltoluene
 Concen: 49.074 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038693.D
 Acq: 09 Nov 2023 20:06



Tgt Ion:119 Resp: 741635
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 23.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.966 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038693.D

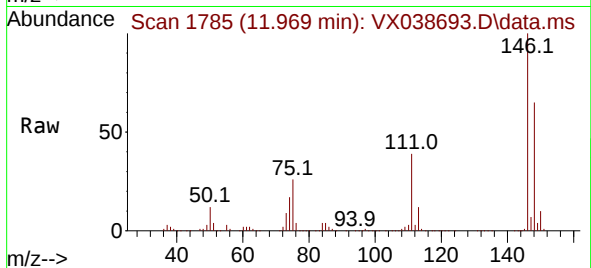
Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 410319

Ion Ratio Lower Upper

146 100

111 39.5 22.1 66.1

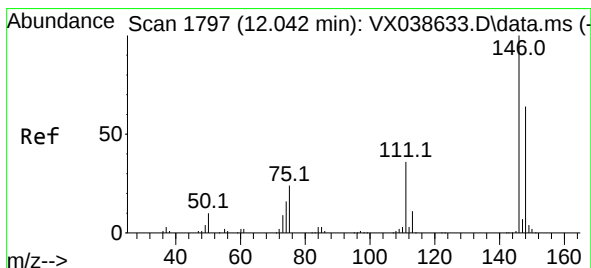
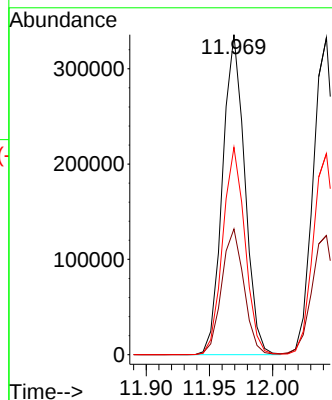
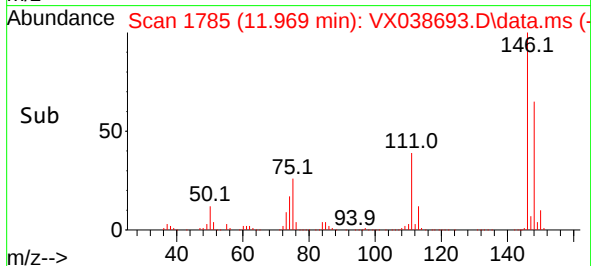
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 47.387 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

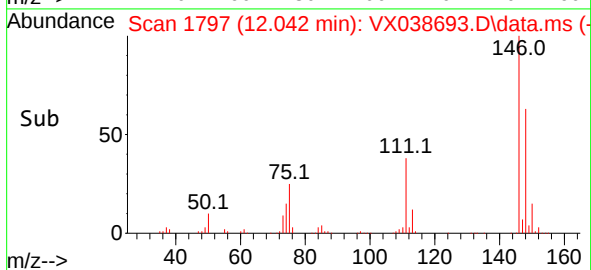
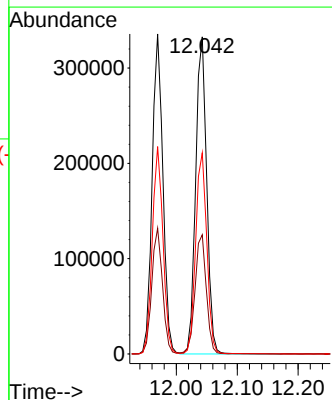
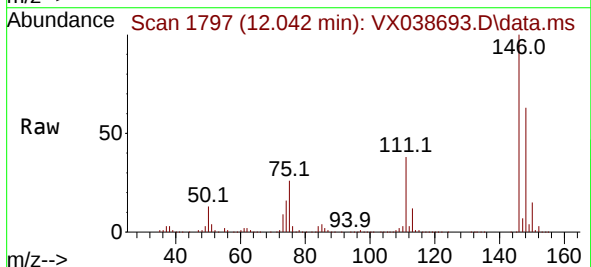
Tgt Ion:146 Resp: 416658

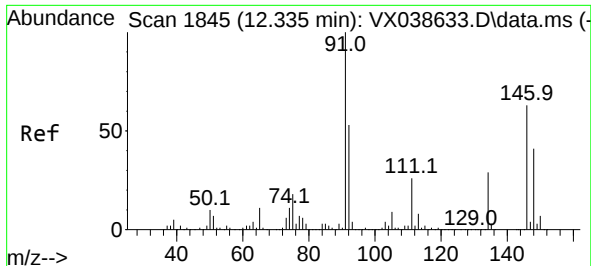
Ion Ratio Lower Upper

146 100

111 38.5 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 47.130 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 633818

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

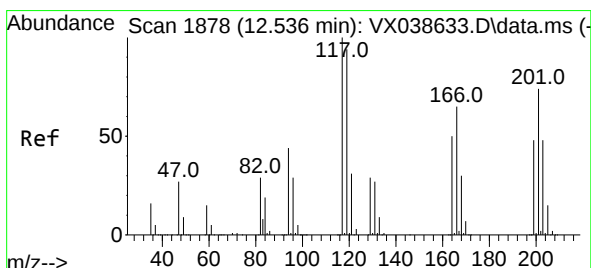
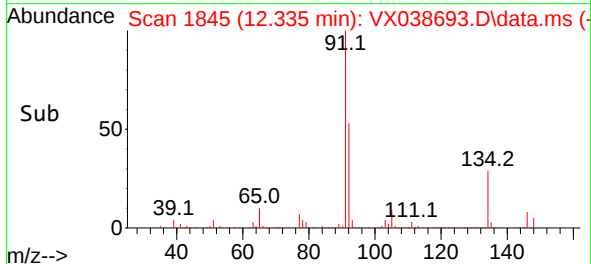
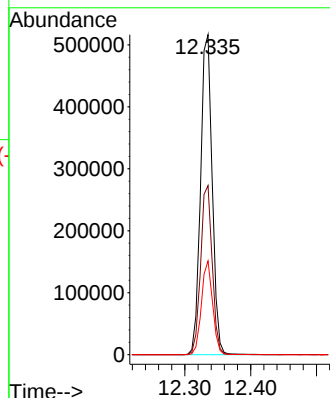
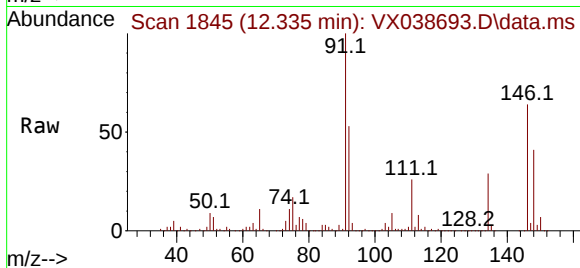
134 28.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#90

Hexachloroethane

Concen: 48.011 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038693.D

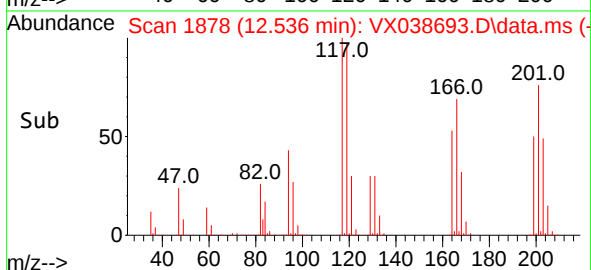
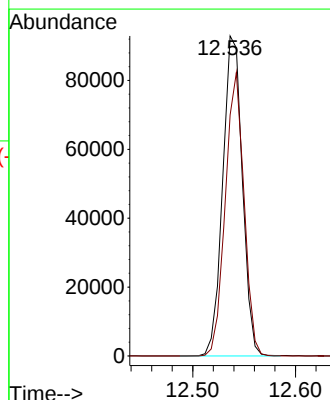
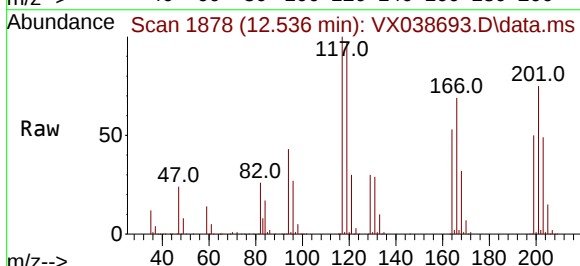
Acq: 09 Nov 2023 20:06

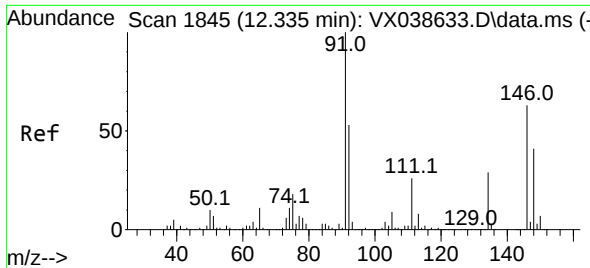
Tgt Ion:117 Resp: 122900

Ion Ratio Lower Upper

117 100

201 84.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.658 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

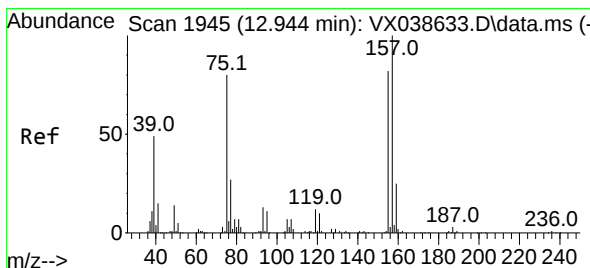
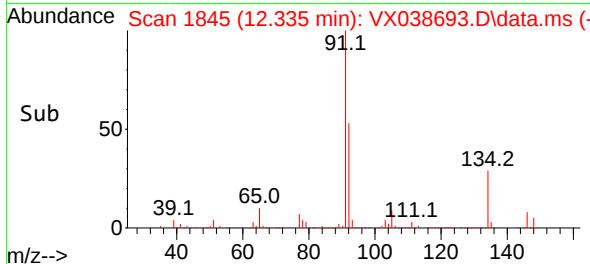
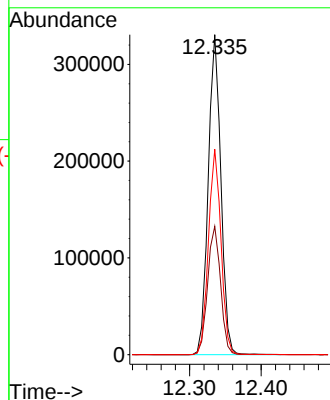
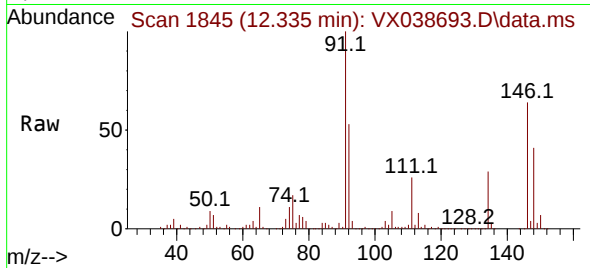
Tgt Ion:146 Resp: 40649
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

APPROVED

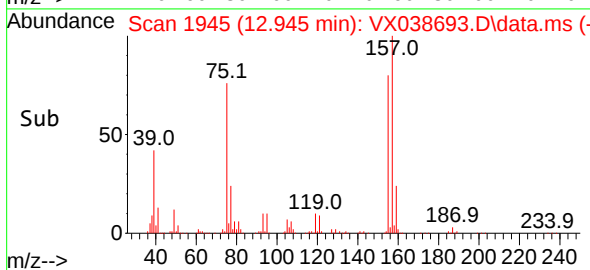
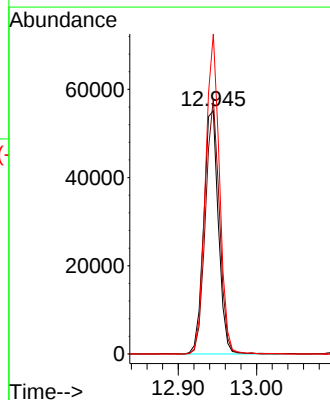
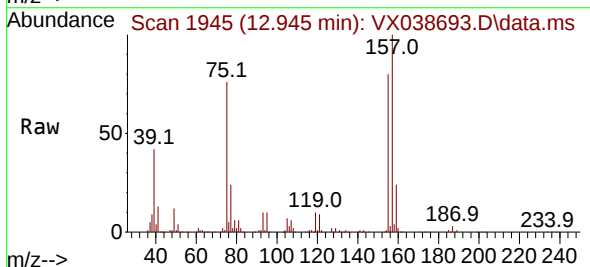
Reviewed By :John Carlone 11/10/2023

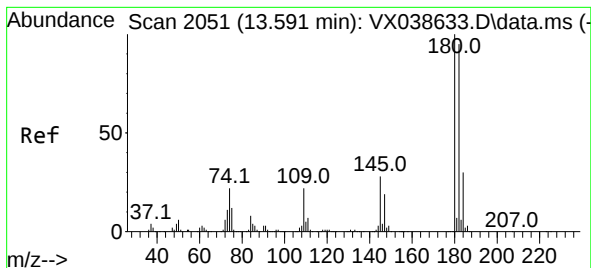
Supervised By :Mahesh Dadoda 11/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.785 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion: 75 Resp: 71938
Ion Ratio Lower Upper
75 100
155 98.4 36.1 108.5
157 124.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.014 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

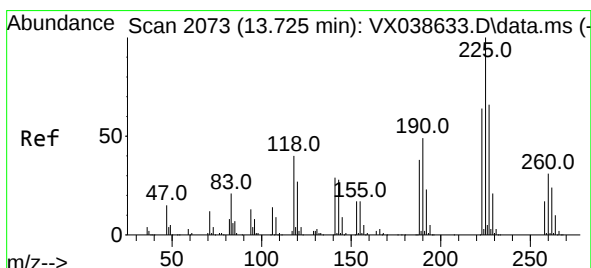
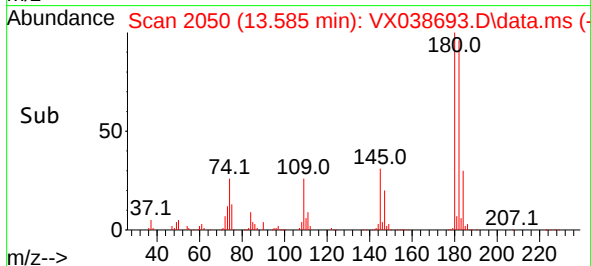
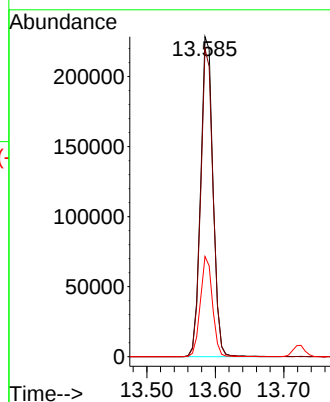
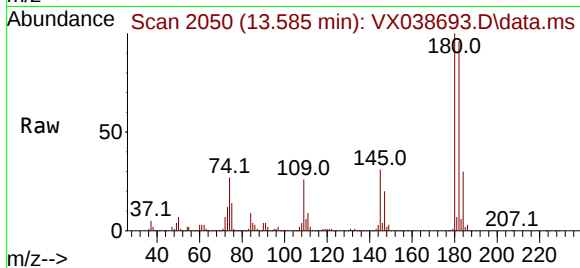
Tgt Ion:180	Resp: 28690
Ion Ratio	Lower Upper
180 100	
182 95.9	48.3 144.8
145 30.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#94

Hexachlorobutadiene

Concen: 46.152 ug/l

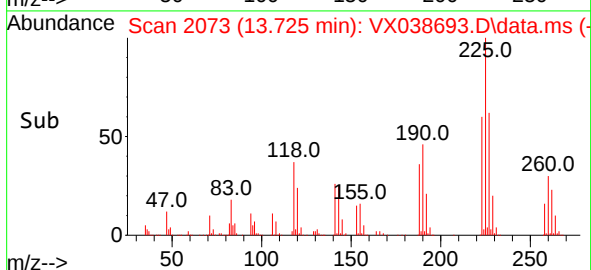
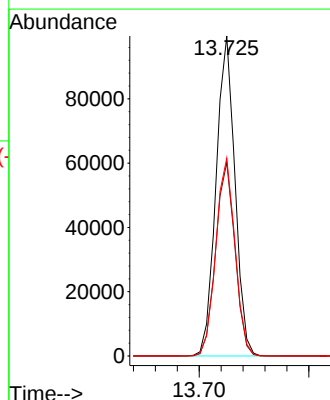
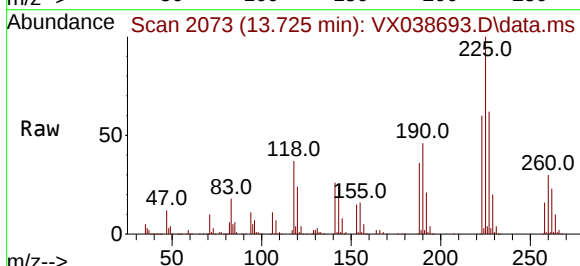
RT: 13.725 min Scan# 2073

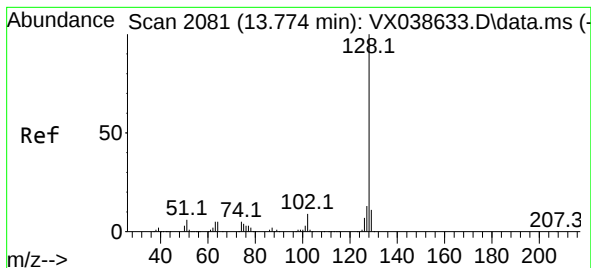
Delta R.T. 0.000 min

Lab File: VX038693.D

Acq: 09 Nov 2023 20:06

Tgt Ion:225	Resp: 118997
Ion Ratio	Lower Upper
225 100	
223 61.6	31.1 93.2
227 63.0	32.5 97.5





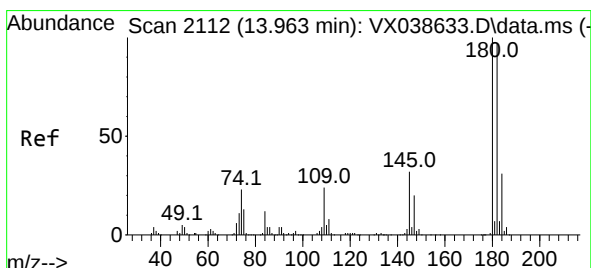
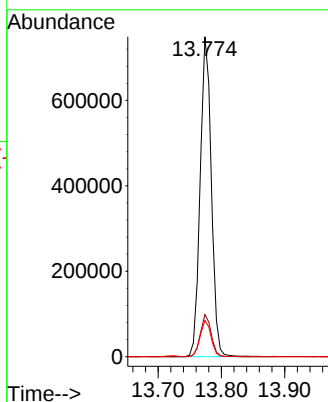
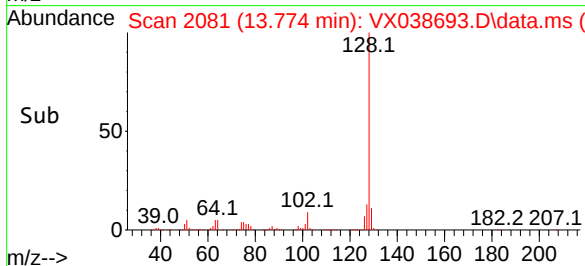
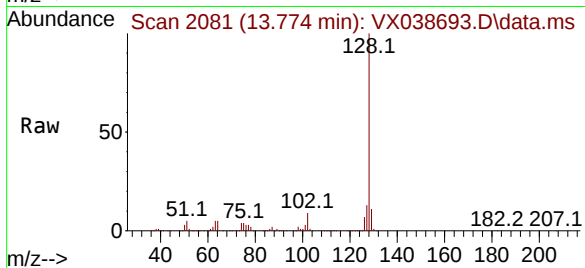
#95
Naphthalene
Concen: 51.163 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 92218
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.154 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038693.D
Acq: 09 Nov 2023 20:06

Tgt Ion:180 Resp: 283609
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 32.8 17.8 53.5

