

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038784.D
 Acq On : 13 Nov 2023 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 05:32:47 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2023
 Supervised By : Mahesh Dadoda 11/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75980	59.077	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.160%#			
35) Dibromofluoromethane	5.385	113	63479	47.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.340%			
50) Toluene-d8	8.647	98	236689	49.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	100503	54.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64391	60.021	ug/l	99
3) Chloromethane	1.294	50	62698	67.616	ug/l	100
4) Vinyl Chloride	1.374	62	54602	55.313	ug/l	97
5) Bromomethane	1.599	94	33727	44.266	ug/l	95
6) Chloroethane	1.685	64	31901	51.039	ug/l	95
7) Trichlorofluoromethane	1.886	101	81597	47.946	ug/l	94
8) Diethyl Ether	2.136	74	29064	49.749	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	60884	60.505	ug/l	98
10) Methyl Iodide	2.453	142	73274	58.961	ug/l	90
11) Tert butyl alcohol	2.953	59	79829	303.627	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	60110	62.348	ug/l	84
13) Acrolein	2.233	56	73477	368.728	ug/l	98
14) Allyl chloride	2.666	41	110651	80.129	ug/l	91
15) Acrylonitrile	3.062	53	210166	378.770	ug/l	98
16) Acetone	2.373	43	205346	379.111	ug/l	90
17) Carbon Disulfide	2.514	76	156270	61.002	ug/l	100
18) Methyl Acetate	2.697	43	185471	80.373	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	201902	65.488	ug/l	99
20) Methylene Chloride	2.788	84	70412	64.486	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	63806	60.791	ug/l	92
22) Diisopropyl ether	3.757	45	203583	78.223	ug/l	90
23) Vinyl Acetate	3.721	43	722418	391.070	ug/l	98
24) 1,1-Dichloroethane	3.611	63	117015	67.957	ug/l	99
25) 2-Butanone	4.550	43	299943	382.264	ug/l	94
26) 2,2-Dichloropropane	4.477	77	90112	59.938	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	76168	62.843	ug/l	92
28) Bromochloromethane	4.897	49	51485	66.534	ug/l	87
29) Tetrahydrofuran	4.995	42	192647	394.617	ug/l	95
30) Chloroform	5.092	83	121227	60.004	ug/l	97
31) Cyclohexane	5.470	56	103028	72.381	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	103580	58.258	ug/l	98
36) 1,1-Dichloropropene	5.690	75	89008	53.814	ug/l	97
37) Ethyl Acetate	4.708	43	108127	64.030	ug/l	95
38) Carbon Tetrachloride	5.678	117	88222	47.712	ug/l	99
39) Methylcyclohexane	7.379	83	111389	53.865	ug/l	97
40) Benzene	6.037	78	264438	55.508	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60435	70.246	ug/l	94
42) 1,2-Dichloroethane	6.086	62	92683	53.918	ug/l	95
43) Isopropyl Acetate	6.336	43	163192	62.858	ug/l	95
44) Trichloroethene	7.123	130	70220	47.373	ug/l	99
45) 1,2-Dichloropropane	7.427	63	68147	59.174	ug/l	99
46) Dibromomethane	7.580	93	48419	50.274	ug/l	97
47) Bromodichloromethane	7.824	83	91586	50.565	ug/l	96
48) Methyl methacrylate	7.690	41	82049	65.578	ug/l	90
49) 1,4-Dioxane	7.659	88	29684	1042.170	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	551781	326.207	ug/l	97
52) Toluene	8.720	92	167294	53.606	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	101576	55.084	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	110660	56.845	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	70179	52.999	ug/l	98
56) Ethyl methacrylate	9.116	69	111768	60.329	ug/l	92
57) 1,3-Dichloropropane	9.305	76	114850	55.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	264795	290.701	ug/l	99
59) 2-Hexanone	9.427	43	441671	322.703	ug/l	95
60) Dibromochloromethane	9.518	129	72462	48.749	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75393	50.662	ug/l	99
64) Tetrachloroethene	9.275	164	54713	41.678	ug/l	97
65) Chlorobenzene	10.079	112	183121	51.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	64441	48.015	ug/l	98
67) Ethyl Benzene	10.195	91	327103	54.165	ug/l	100
68) m/p-Xylenes	10.299	106	249021	103.899	ug/l	99
69) o-Xylene	10.640	106	121125	51.968	ug/l	98
70) Styrene	10.652	104	206264	53.620	ug/l	98
71) Bromoform	10.799	173	51027	43.076	ug/l #	99
73) Isopropylbenzene	10.963	105	322043	58.238	ug/l	98
74) N-amyl acetate	10.841	43	142311	74.068	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	115042	60.178	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	99838m	55.927	ug/l	
77) Bromobenzene	11.195	156	76380	50.328	ug/l	98
78) n-propylbenzene	11.305	91	388938	60.442	ug/l	99
79) 2-Chlorotoluene	11.366	91	236321	61.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	279789	58.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36056	61.663	ug/l	87
82) 4-Chlorotoluene	11.451	91	274866	61.071	ug/l	100
83) tert-Butylbenzene	11.713	119	268804	55.740	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	279282	59.166	ug/l	97
85) sec-Butylbenzene	11.890	105	347807	57.801	ug/l	99
86) p-Isopropyltoluene	12.006	119	289915	56.557	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	149018	51.358	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	148482	49.786	ug/l	97
89) n-Butylbenzene	12.329	91	267065	58.547	ug/l	99
90) Hexachloroethane	12.536	117	50741	58.438	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	143453	50.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29456	61.306	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	92985	45.878	ug/l	96
94) Hexachlorobutadiene	13.725	225	35218	40.269	ug/l	98
95) Naphthalene	13.774	128	336754	55.082	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	89570	44.836	ug/l	98

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VSTDCCC050EC

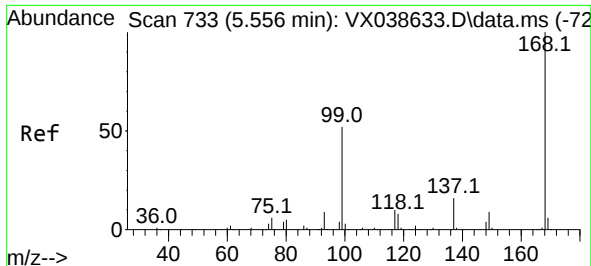
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 05:32:47 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

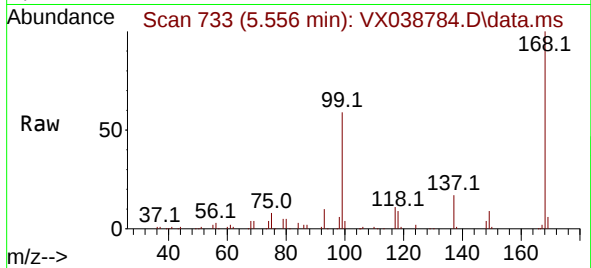
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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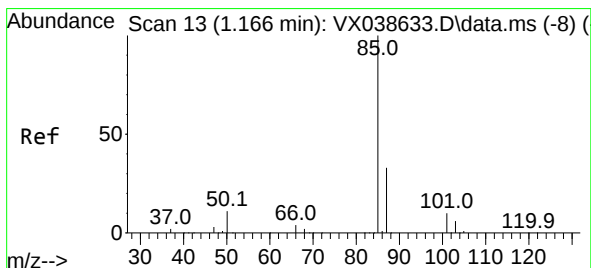
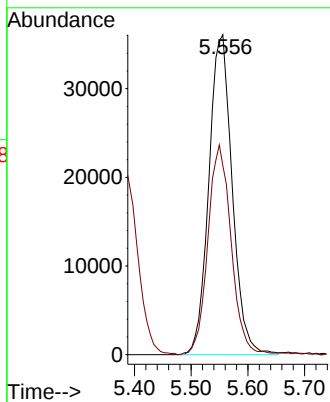
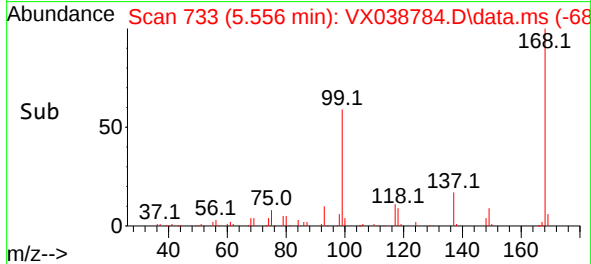
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



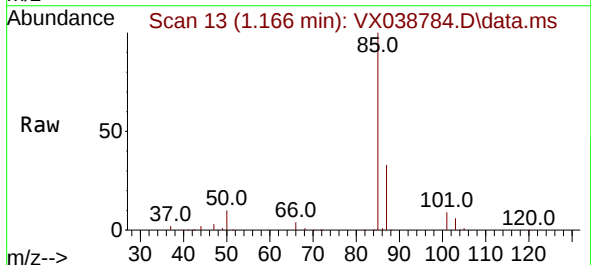
Tgt Ion:168 Resp: 103300
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

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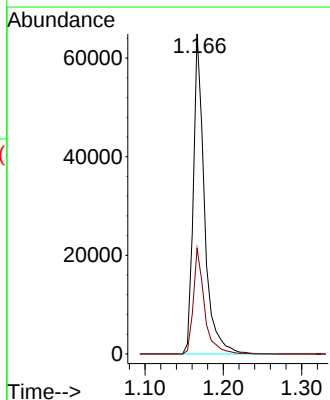
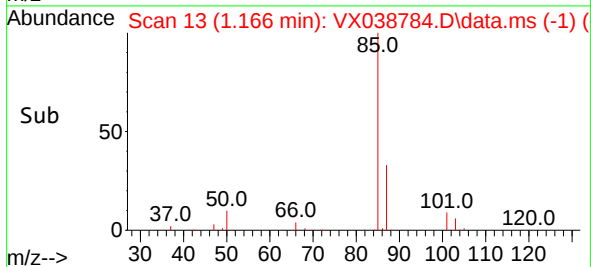
Reviewed By :John Carlone 11/14/2023
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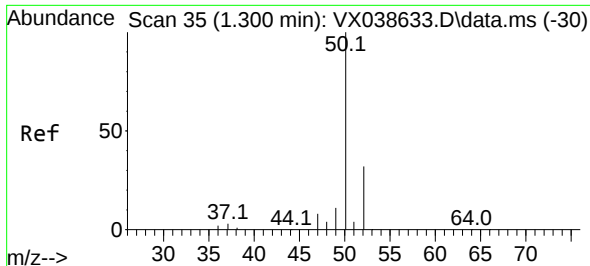


#2
Dichlorodifluoromethane
Concen: 60.021 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



Tgt Ion: 85 Resp: 64391
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





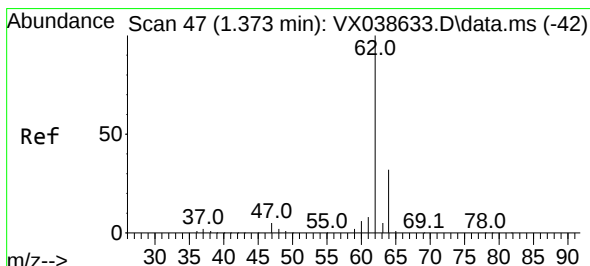
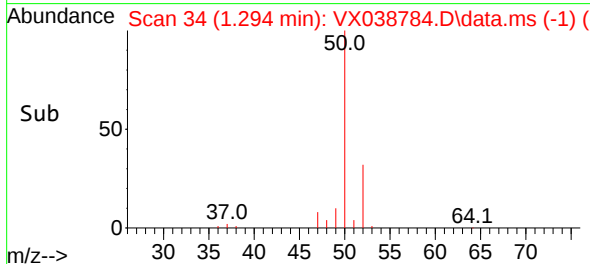
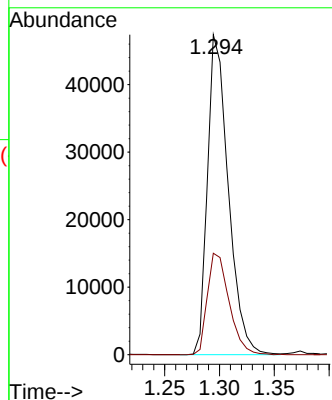
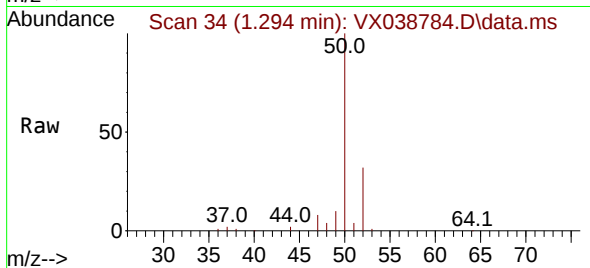
#3
Chloromethane
Concen: 67.616 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 62698
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

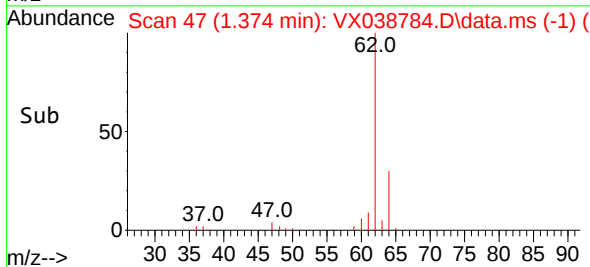
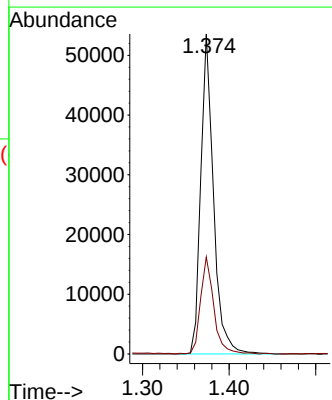
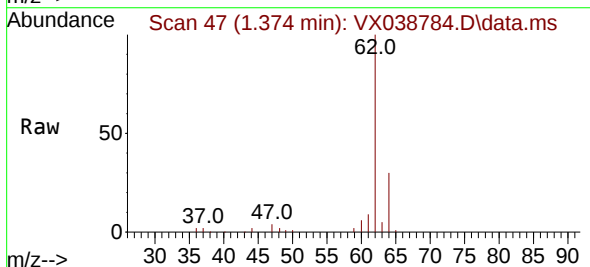
Manual Integrations
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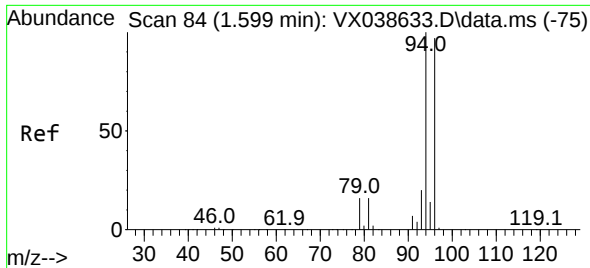
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#4
Vinyl Chloride
Concen: 55.313 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 62 Resp: 54602
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0





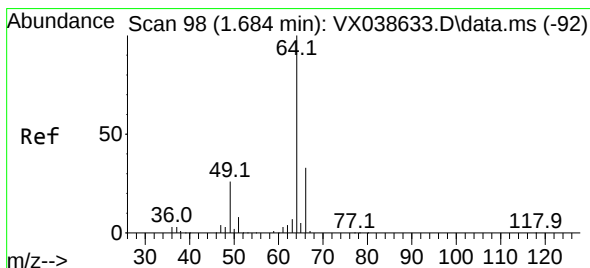
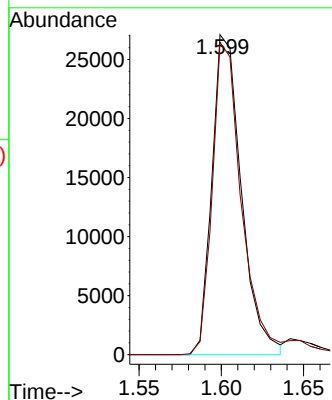
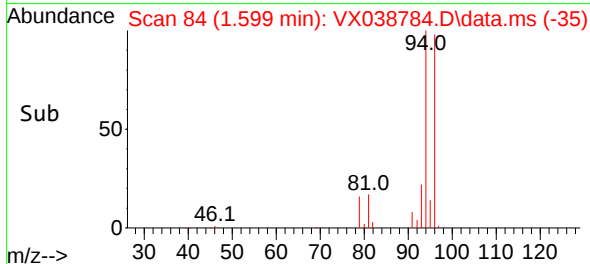
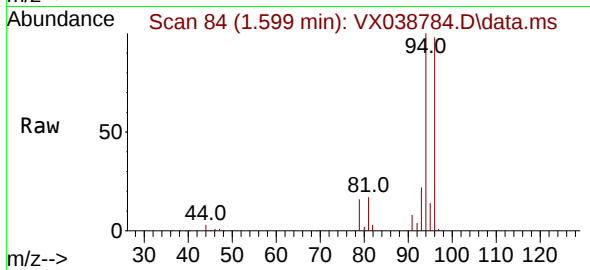
#5
Bromomethane
Concen: 44.266 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 3372
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8

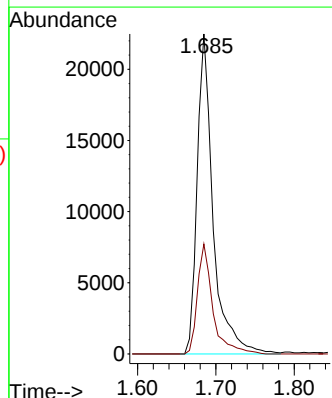
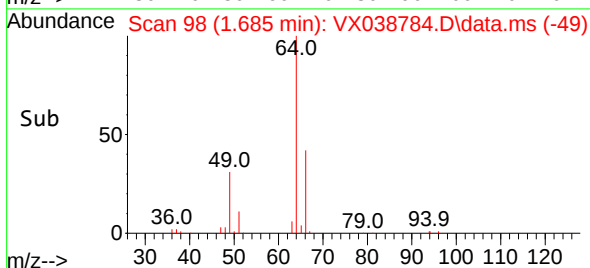
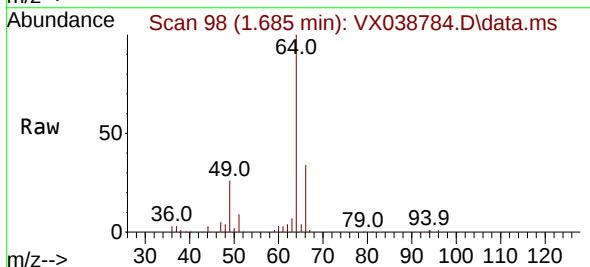
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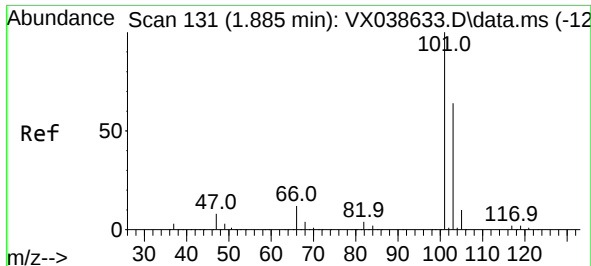
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#6
Chloroethane
Concen: 51.039 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 64 Resp: 31901
Ion Ratio Lower Upper
64 100
66 34.4 25.1 37.7





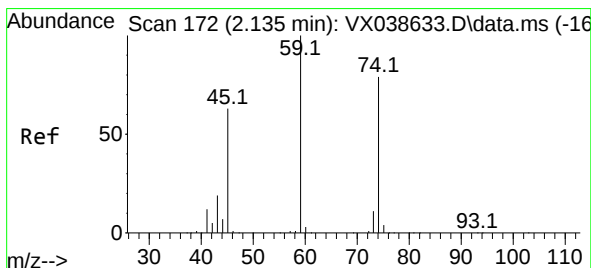
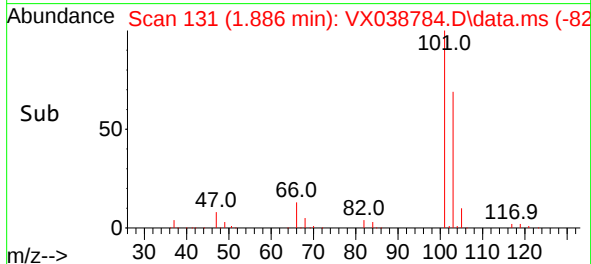
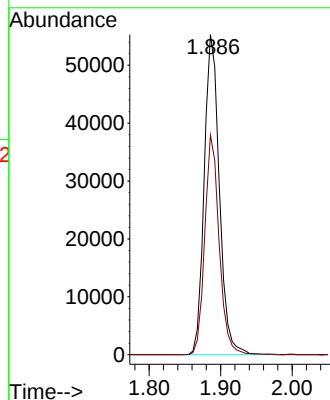
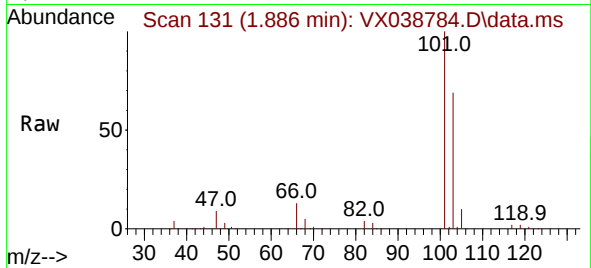
#7
 Trichlorofluoromethane
 Concen: 47.946 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 8159
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.4 77.2

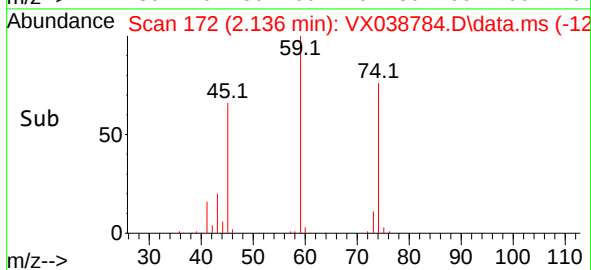
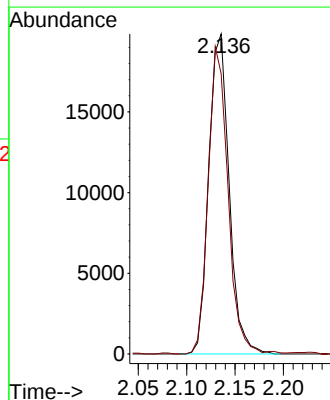
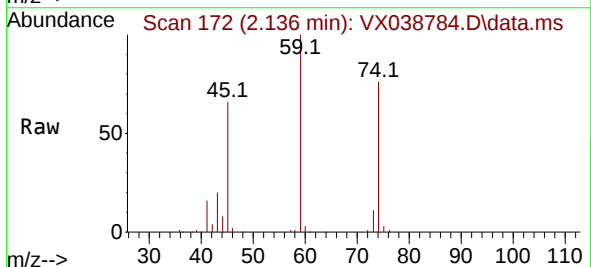
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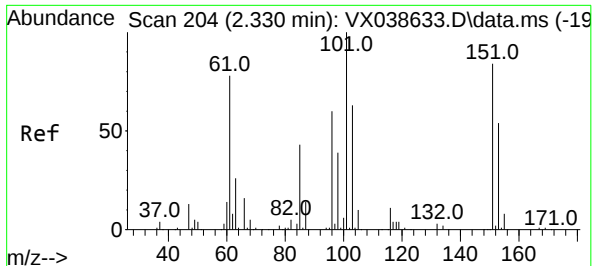
Reviewed By :John Carlone 11/14/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#8
 Diethyl Ether
 Concen: 49.749 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53

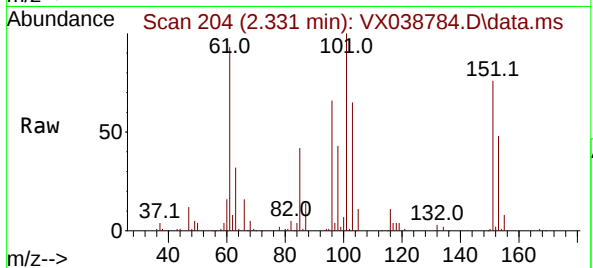
Tgt Ion: 74 Resp: 29064
 Ion Ratio Lower Upper
 74 100
 45 93.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.505 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

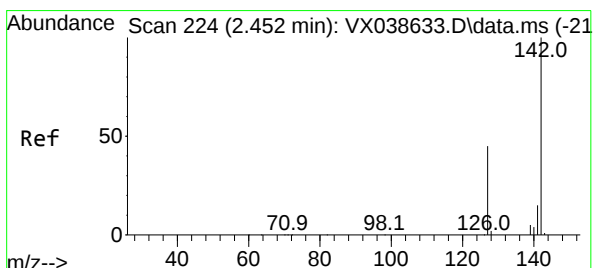
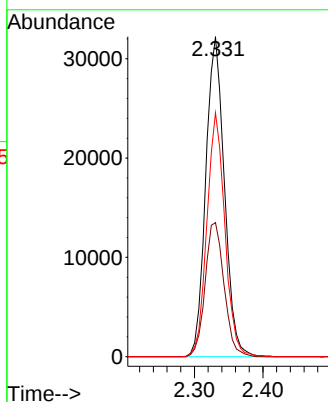
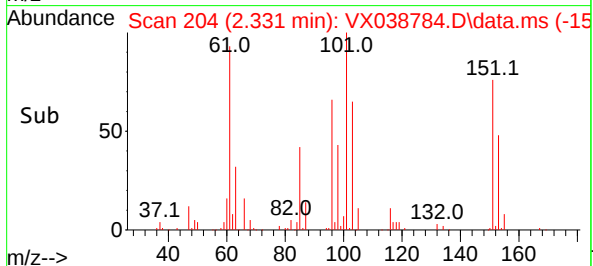
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



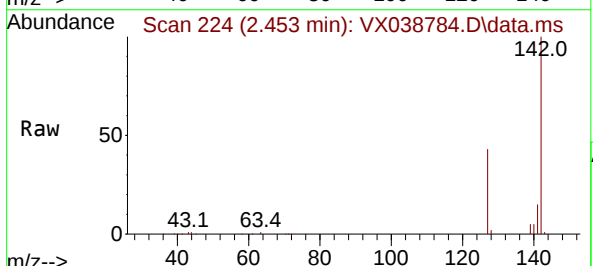
Tgt Ion:101 Resp: 60884
Ion Ratio Lower Upper
101 100
85 42.6 37.0 55.6
151 73.4 58.6 87.8

Manual Integrations
APPROVED

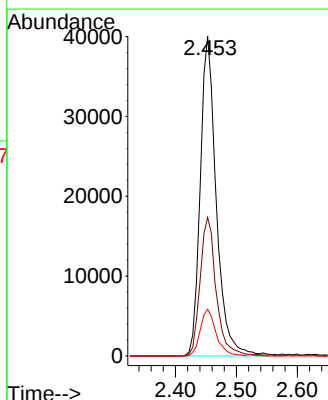
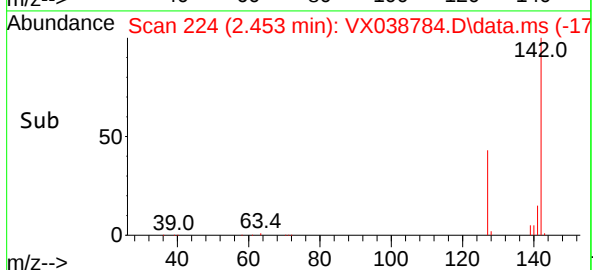
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

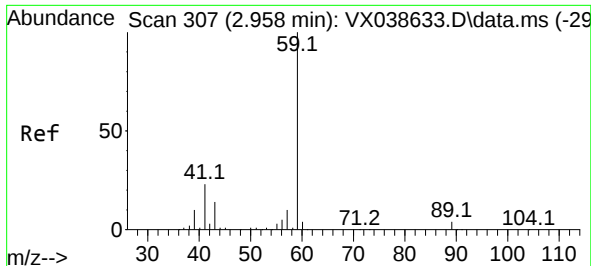


#10
Methyl Iodide
Concen: 58.961 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



Tgt Ion:142 Resp: 73274
Ion Ratio Lower Upper
142 100
127 43.4 41.6 62.4
141 14.4 11.6 17.4





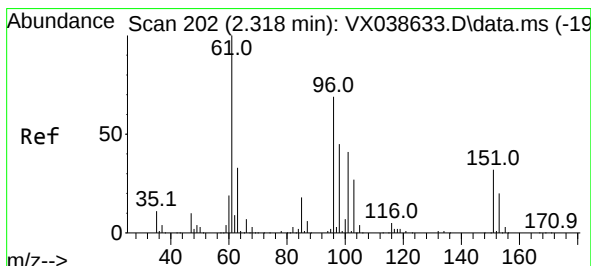
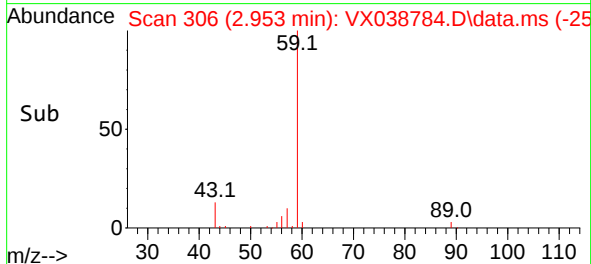
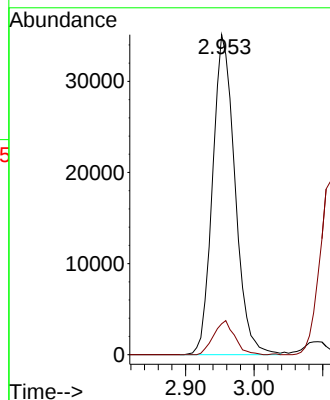
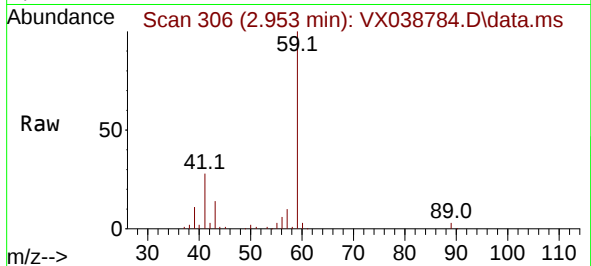
#11
Tert butyl alcohol
Concen: 303.627 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 79829
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

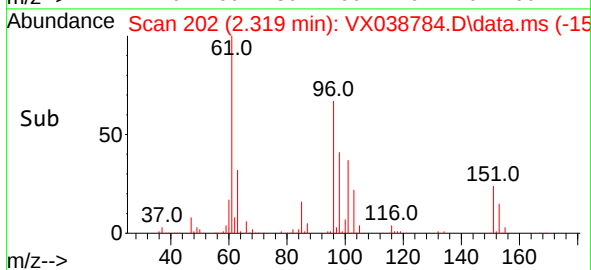
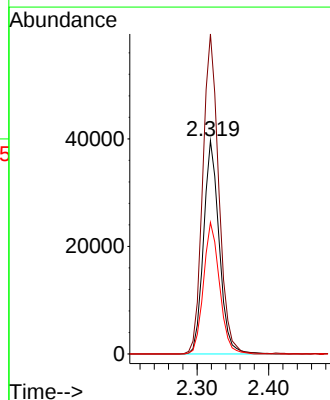
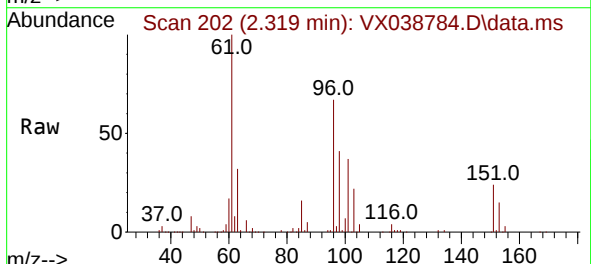
Manual Integrations
APPROVED

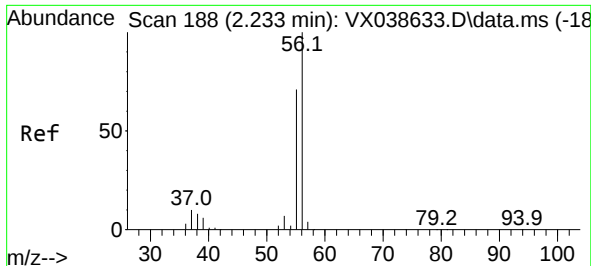
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 62.348 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 96 Resp: 60110
Ion Ratio Lower Upper
96 100
61 150.1 144.6 216.8
98 61.7 50.4 75.6





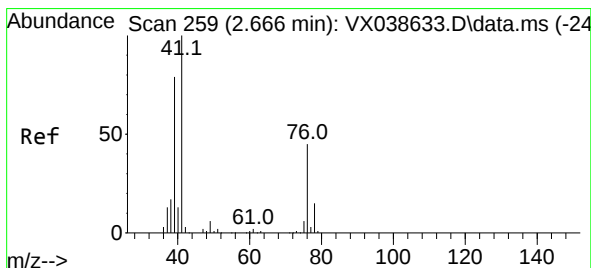
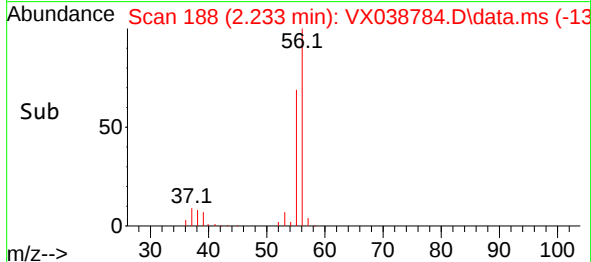
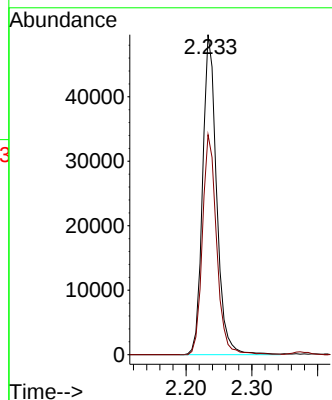
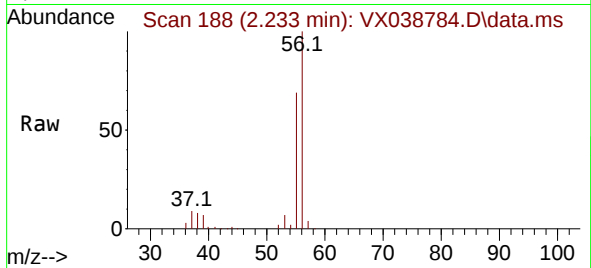
#13
Acrolein
Concen: 368.728 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 7347
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

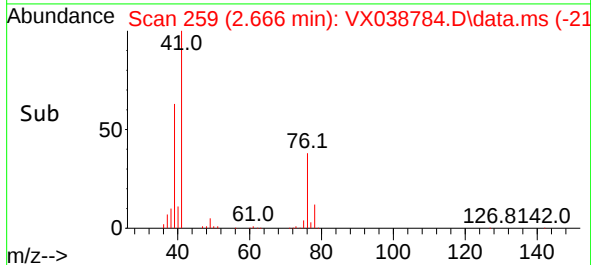
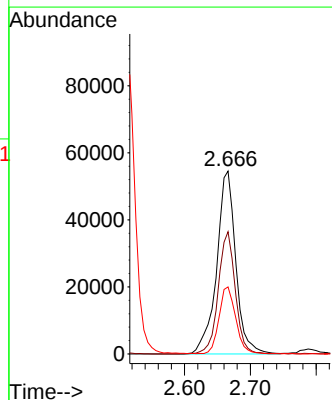
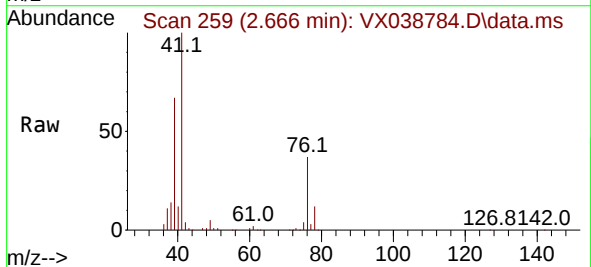
Manual Integrations
APPROVED

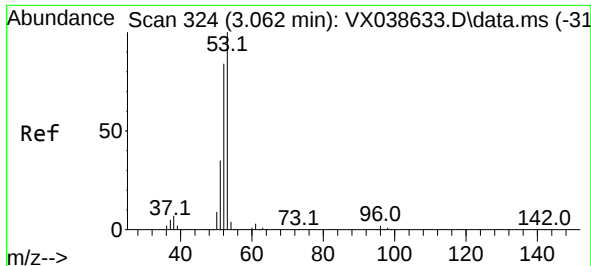
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 80.129 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 41 Resp: 110651
Ion Ratio Lower Upper
41 100
39 59.5 55.8 83.6
76 31.9 24.3 36.5





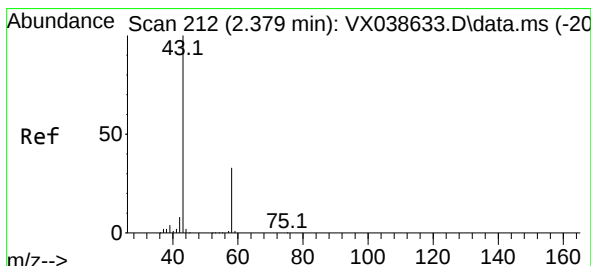
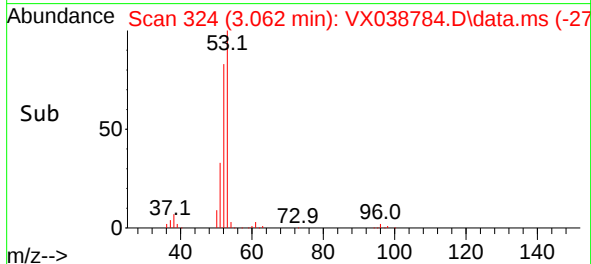
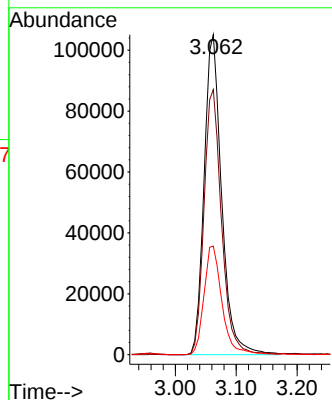
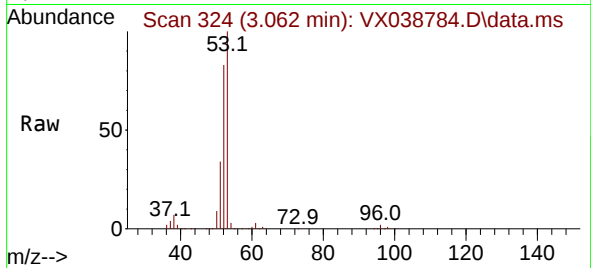
#15
Acrylonitrile
Concen: 378.770 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 210160
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 34.8 29.8 44.6

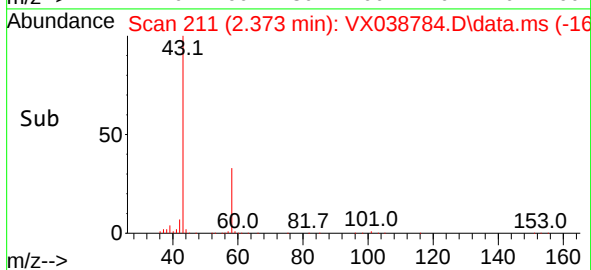
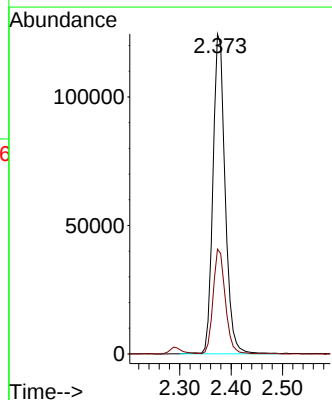
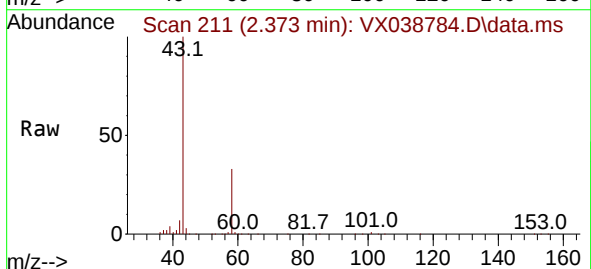
Manual Integrations
APPROVED

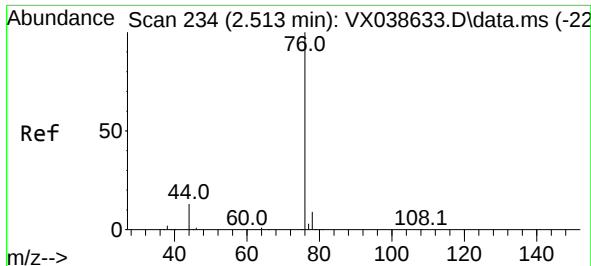
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 379.111 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

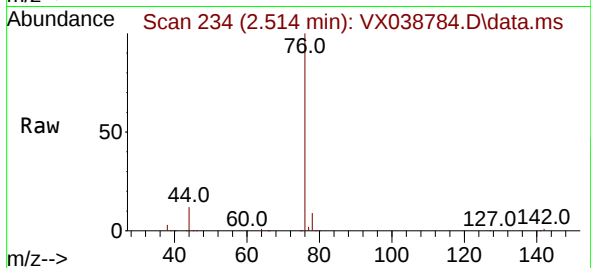
Tgt Ion: 43 Resp: 205346
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#17
Carbon Disulfide
Concen: 61.002 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

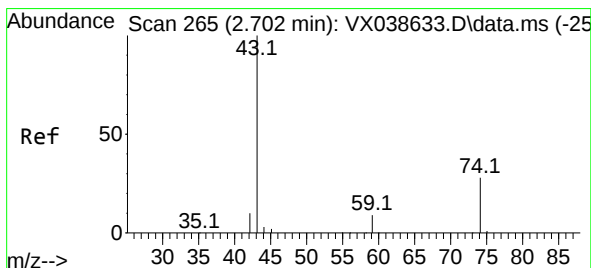
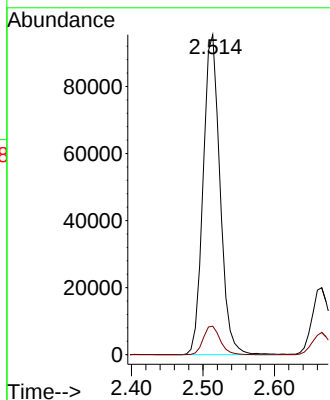
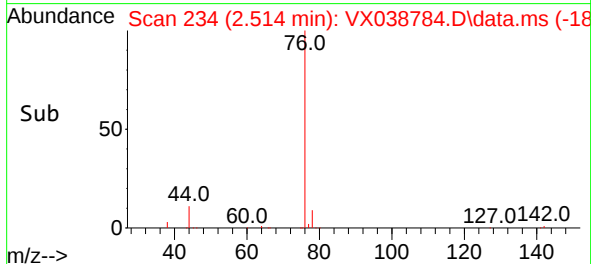
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



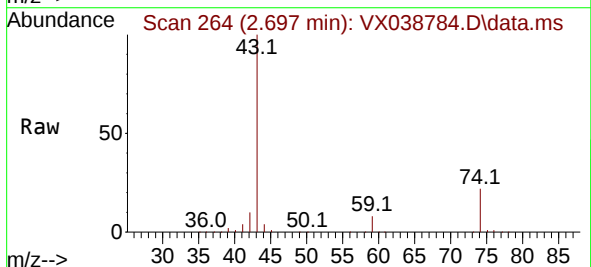
Tgt Ion: 76 Resp: 156270
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

Manual Integrations
APPROVED

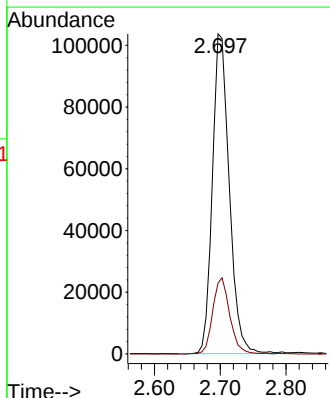
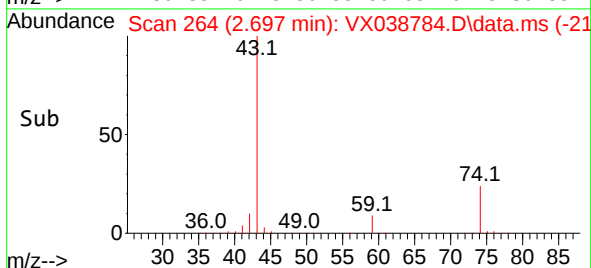
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

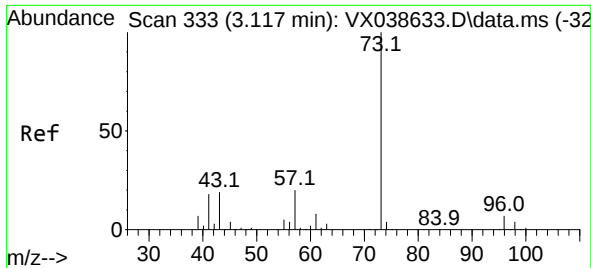


#18
Methyl Acetate
Concen: 80.373 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



Tgt Ion: 43 Resp: 185471
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8





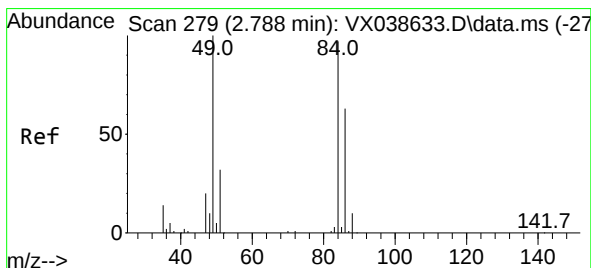
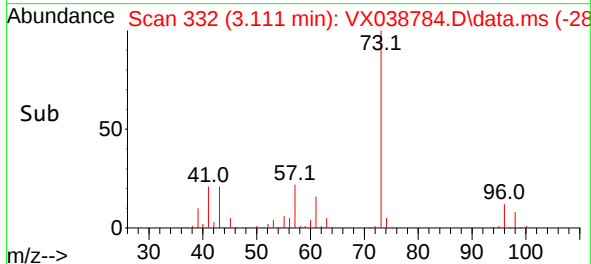
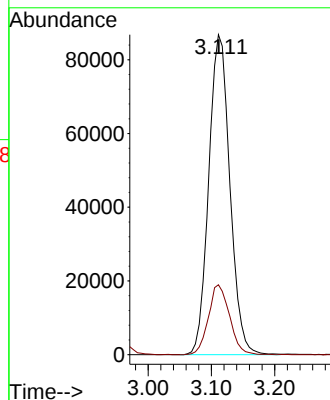
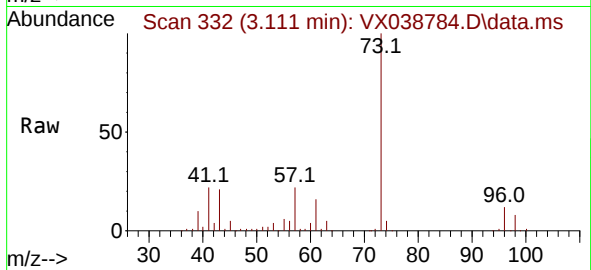
#19
Methyl tert-butyl Ether
Concen: 65.488 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20190
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

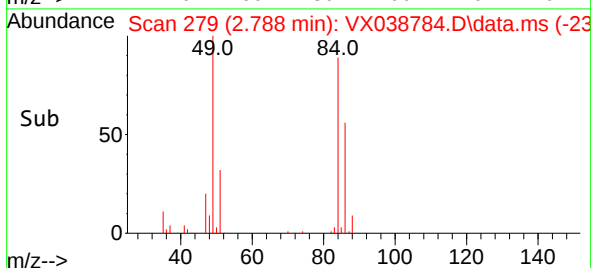
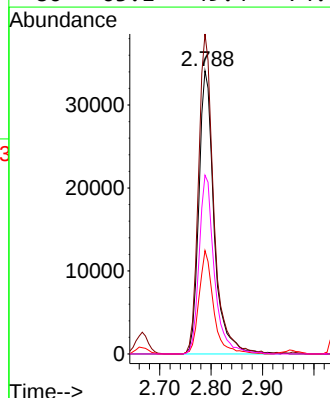
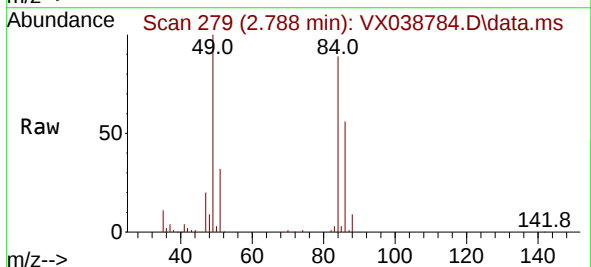
Manual Integrations
APPROVED

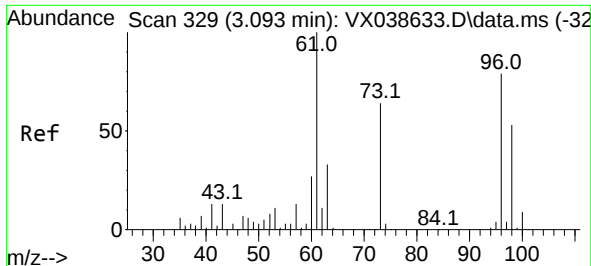
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 64.486 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

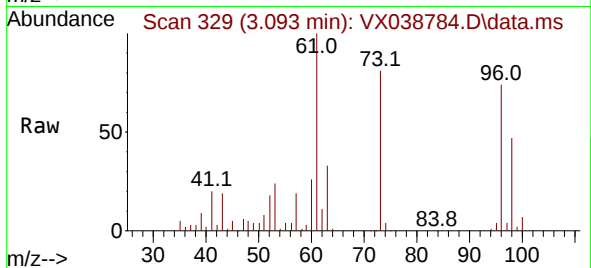
Tgt Ion: 84 Resp: 70412
Ion Ratio Lower Upper
84 100
49 113.0 103.6 155.4
51 36.5 33.8 50.6
86 63.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 60.791 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

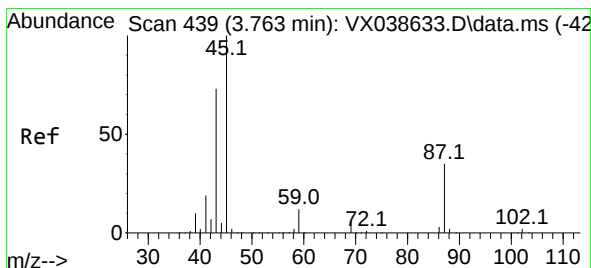
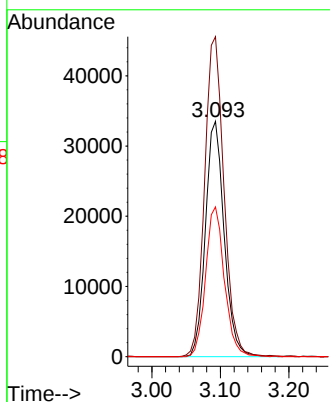
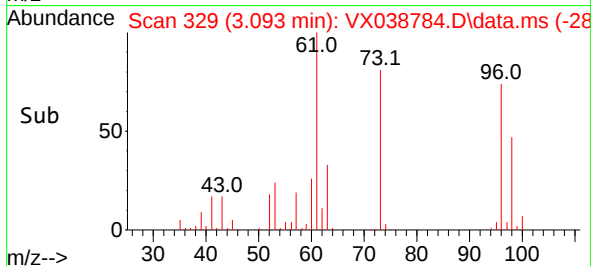
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



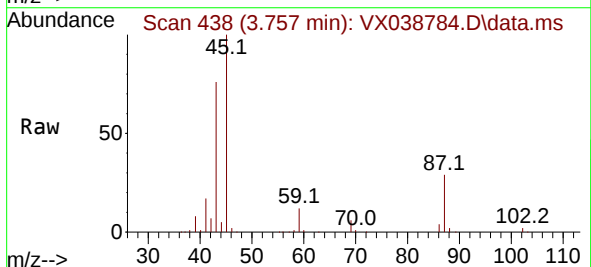
Tgt Ion: 96 Resp: 63800
Ion Ratio Lower Upper
96 100
61 136.0 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
APPROVED

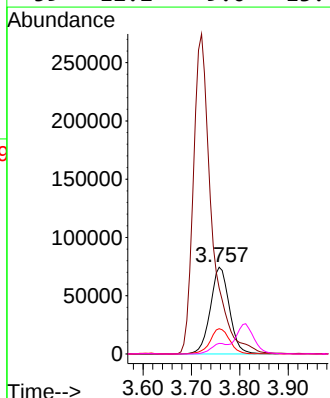
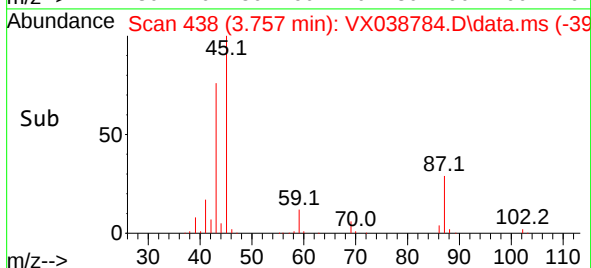
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

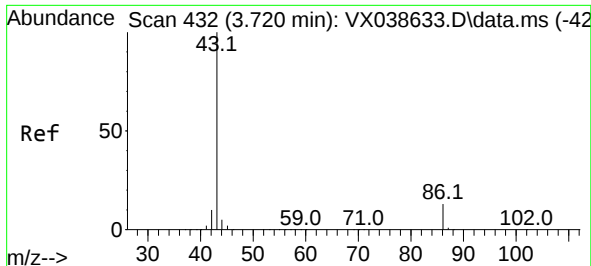


#22
Diisopropyl ether
Concen: 78.223 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



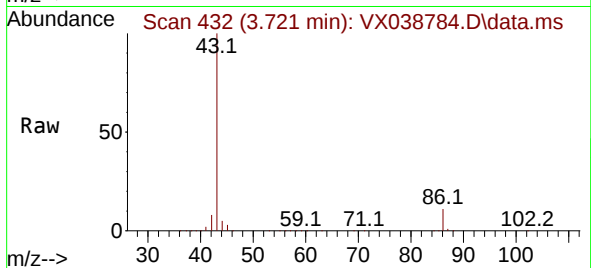
Tgt Ion: 45 Resp: 203583
Ion Ratio Lower Upper
45 100
43 75.6 69.7 104.5
87 29.1 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 391.070 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53

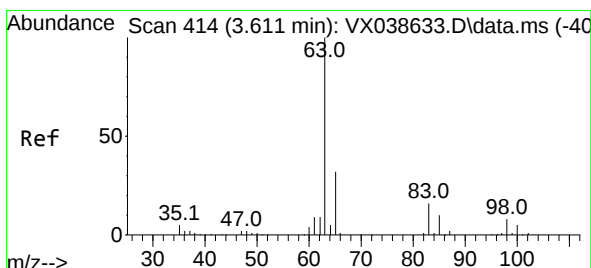
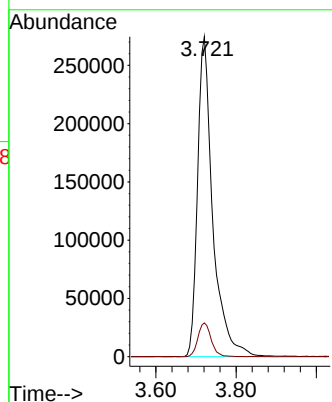
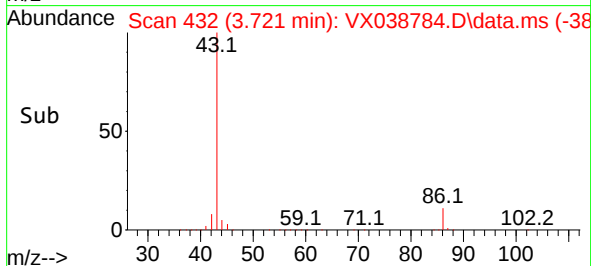
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



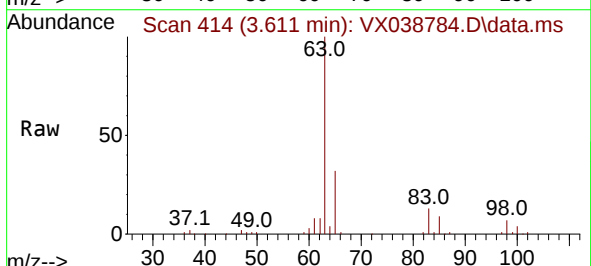
Tgt Ion: 43 Resp: 722418
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations
 APPROVED

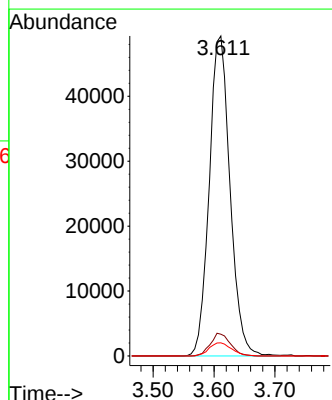
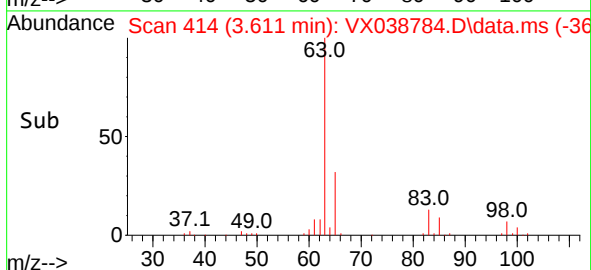
Reviewed By :John Carlone 11/14/2023
 Supervised By :Mahesh Dadoda 11/15/2023

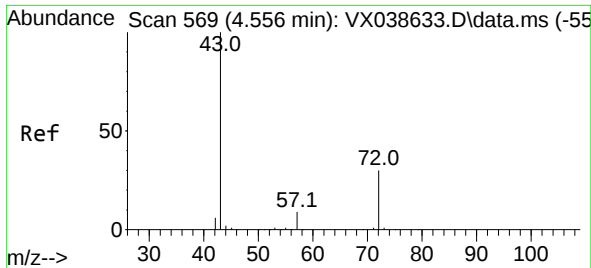


#24
 1,1-Dichloroethane
 Concen: 67.957 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53



Tgt Ion: 63 Resp: 117015
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.1 6.5





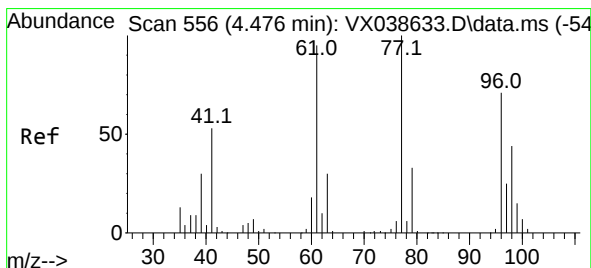
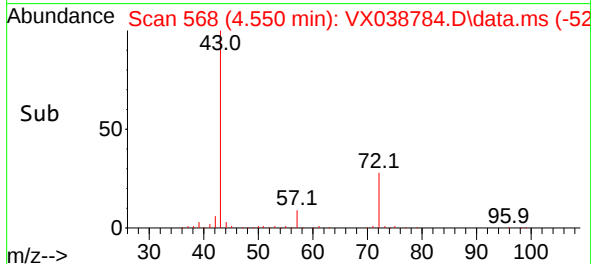
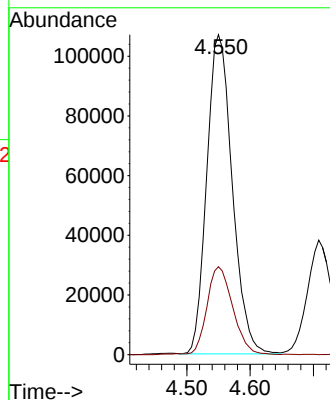
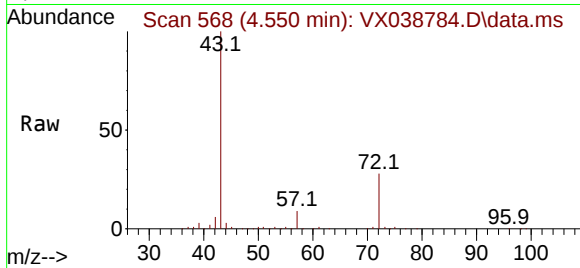
#25
2-Butanone
Concen: 382.264 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29994
Ion Ratio Lower Upper
43 100
72 27.5 19.4 29.2

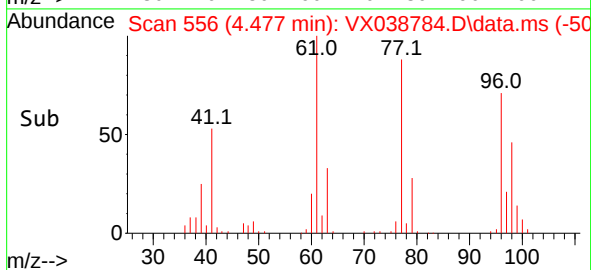
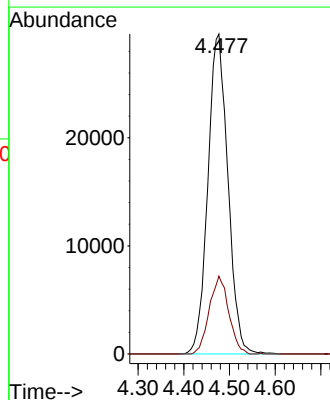
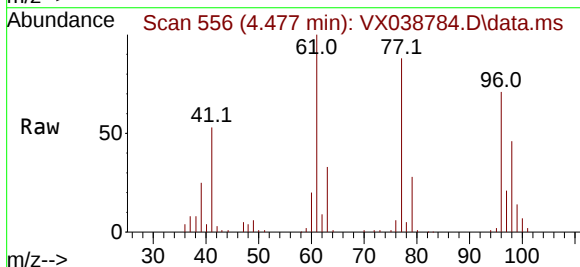
Manual Integrations
APPROVED

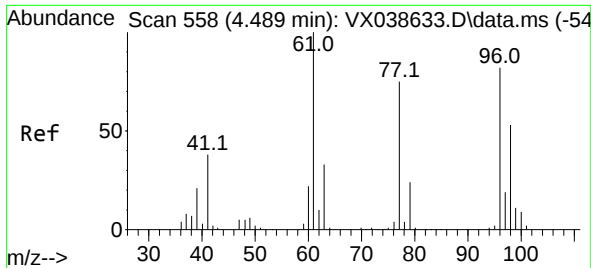
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 59.938 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 77 Resp: 90112
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 62.843 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 76168

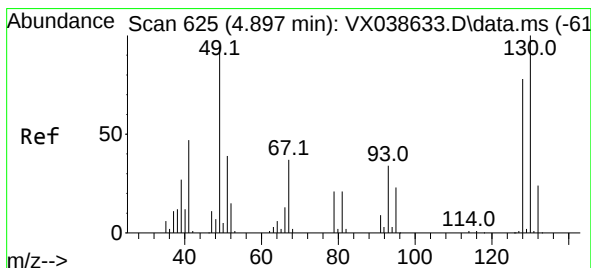
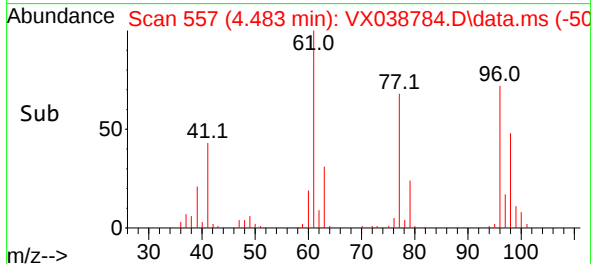
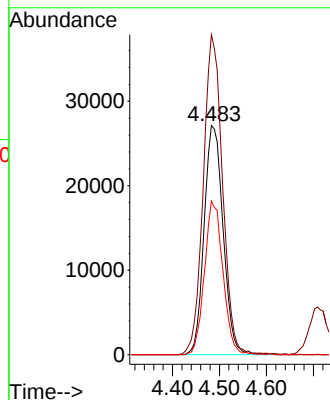
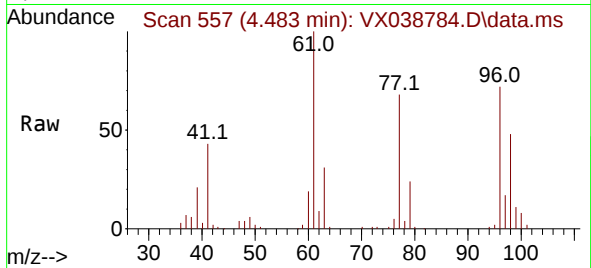
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	312.2
98	64.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#28

Bromochloromethane

Concen: 66.534 ug/l

RT: 4.897 min Scan# 625

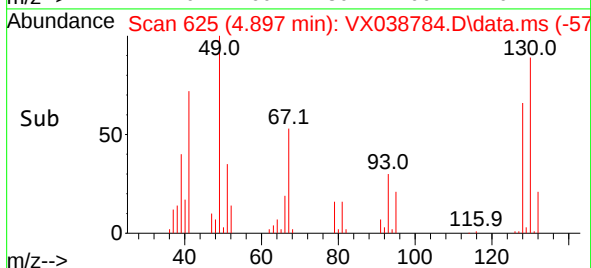
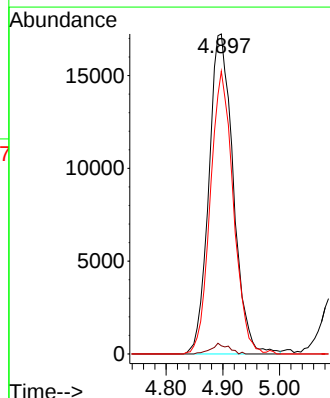
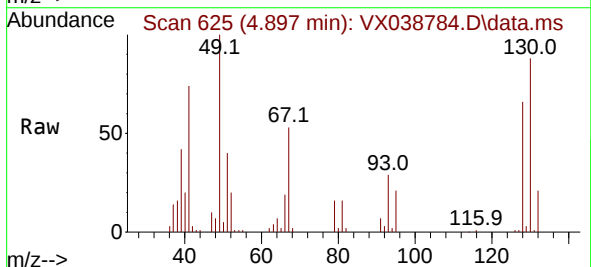
Delta R.T. 0.000 min

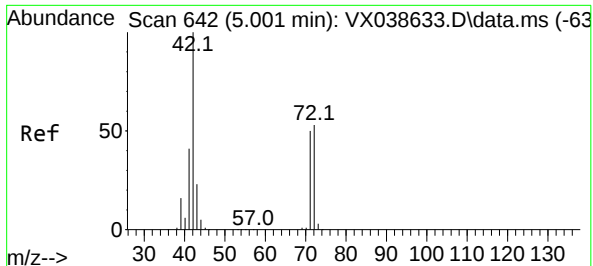
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 49 Resp: 51485

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	83.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 394.617 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19264

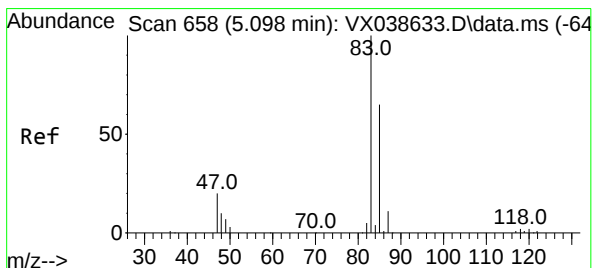
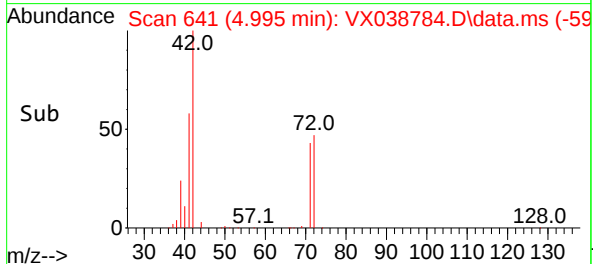
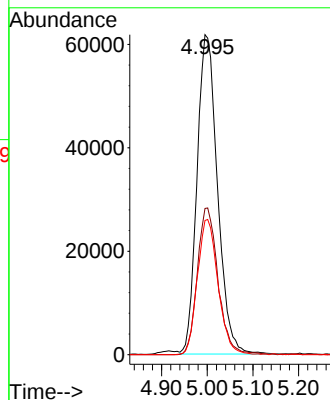
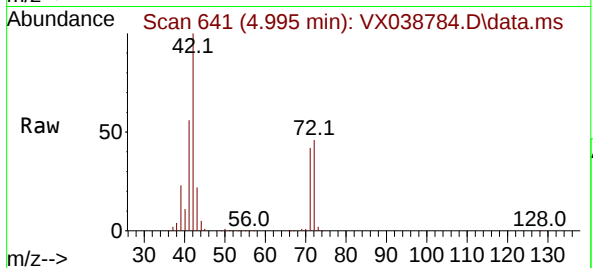
Ion	Ratio	Lower	Upper
42	100		
72	46.4	34.2	51.4
71	42.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 60.004 ug/l

RT: 5.092 min Scan# 657

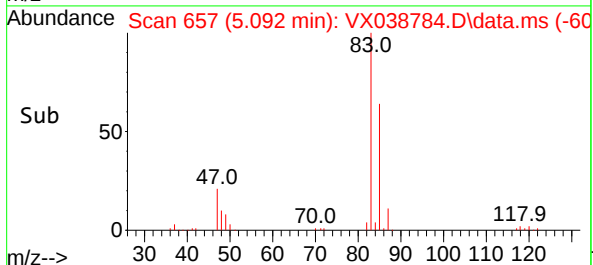
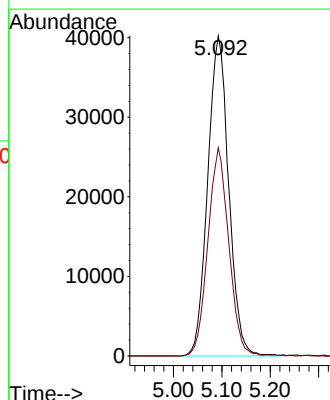
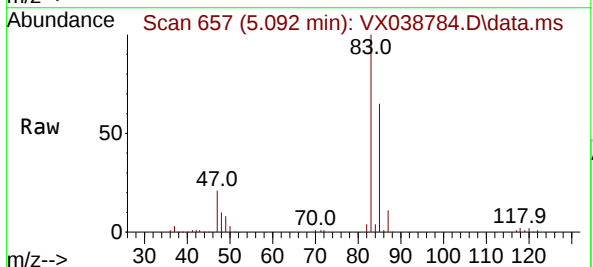
Delta R.T. -0.006 min

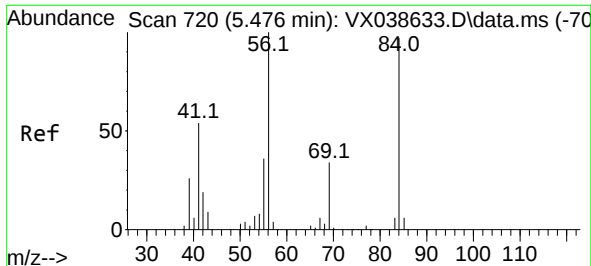
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 83 Resp: 121227

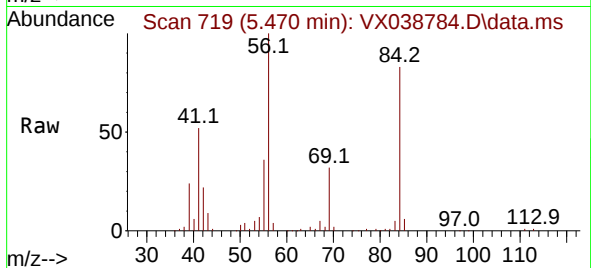
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 72.381 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

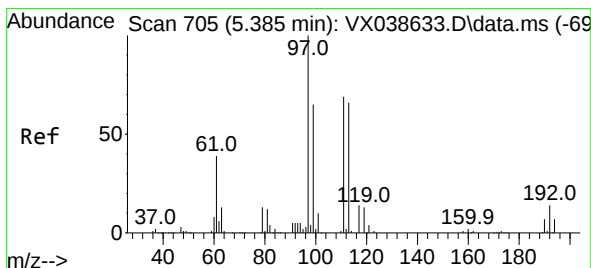
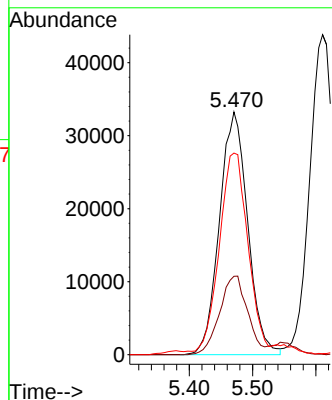
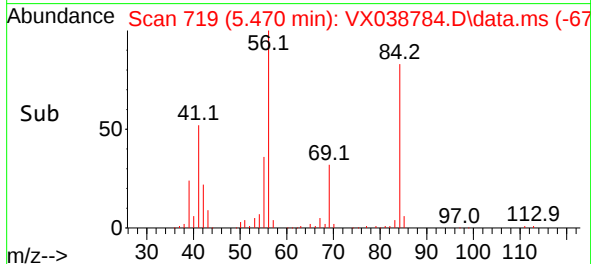
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 103028
Ion Ratio Lower Upper
56 100
69 32.3 23.4 35.2
84 81.6 65.9 98.9

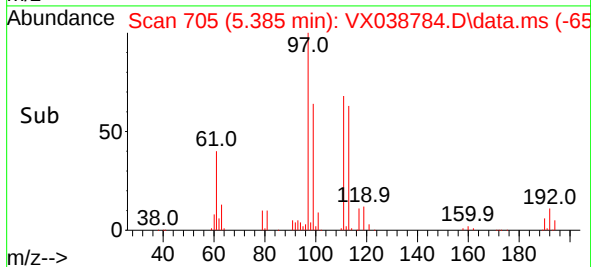
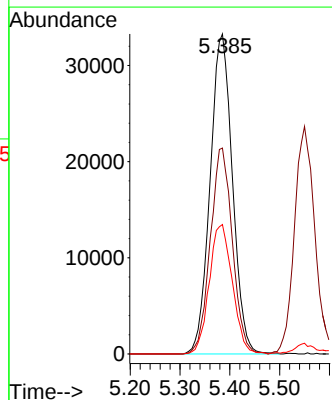
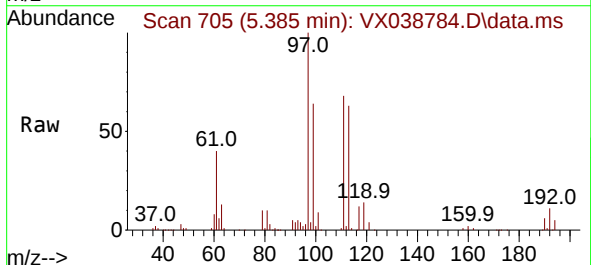
Manual Integrations
APPROVED

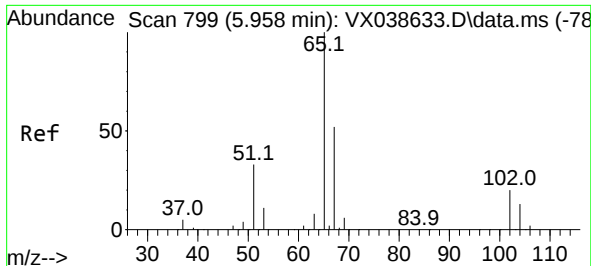
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 58.258 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 97 Resp: 103580
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 59.077 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 75980

Ion Ratio Lower Upper

65 100

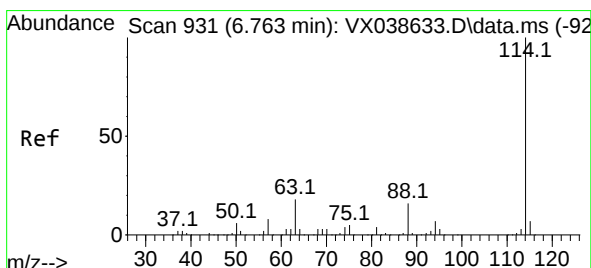
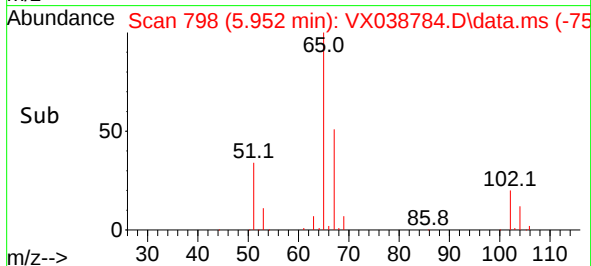
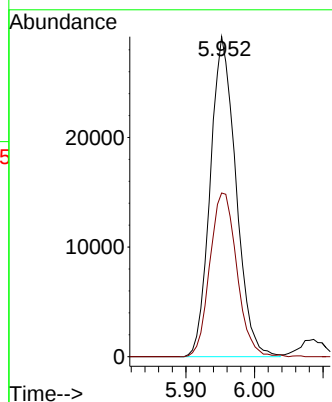
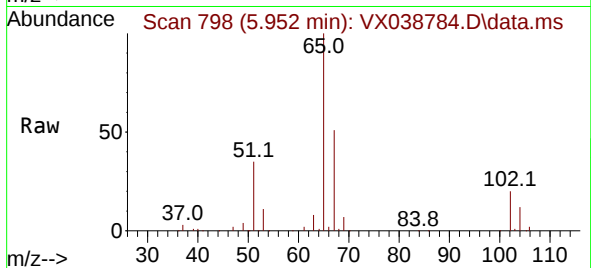
67 53.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

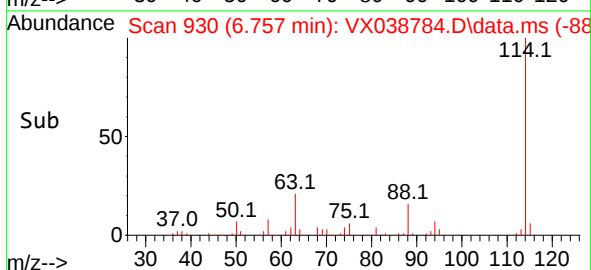
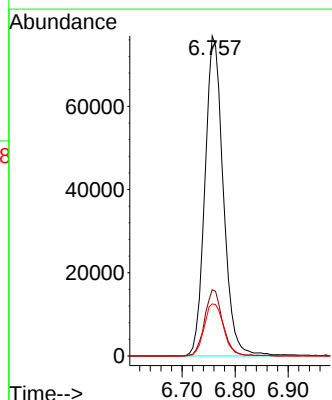
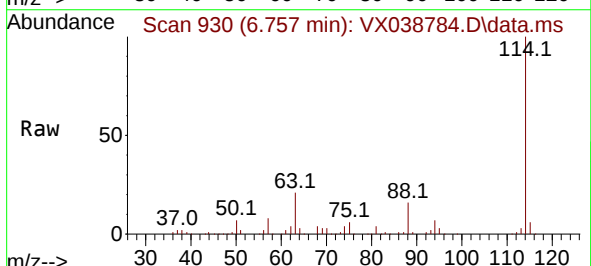
Tgt Ion:114 Resp: 184873

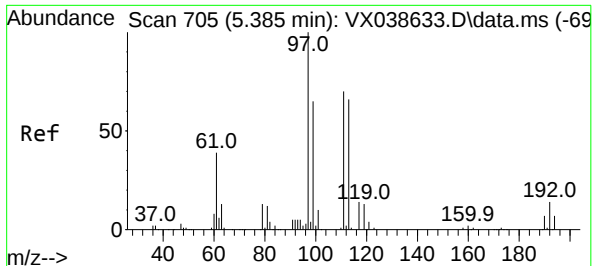
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.674 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 63479

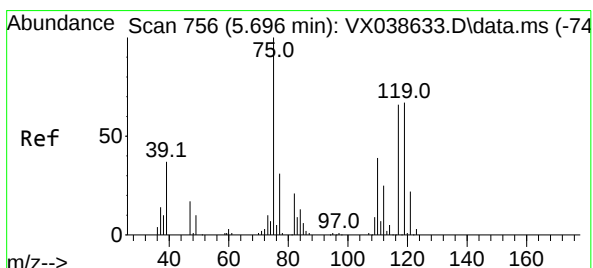
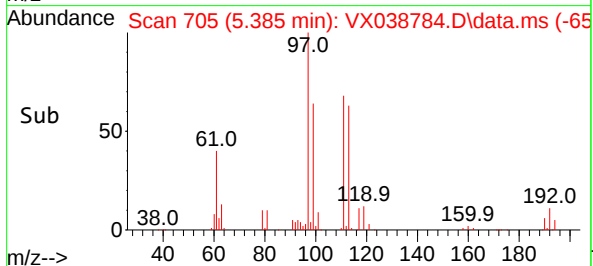
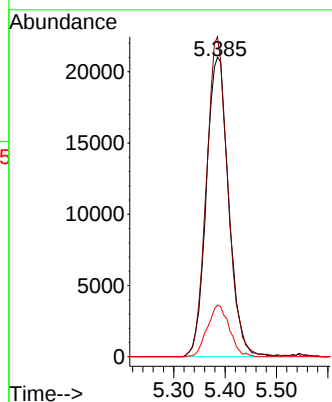
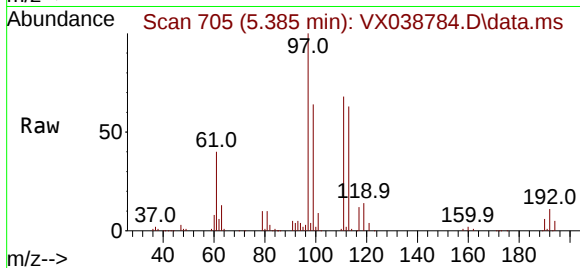
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	17.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 53.814 ug/l

RT: 5.690 min Scan# 755

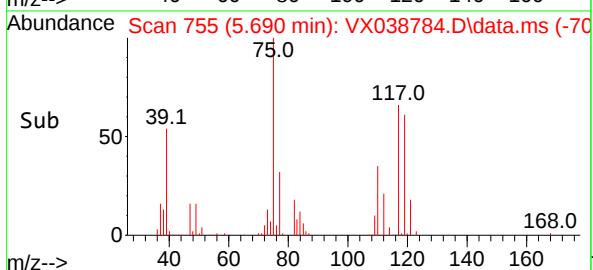
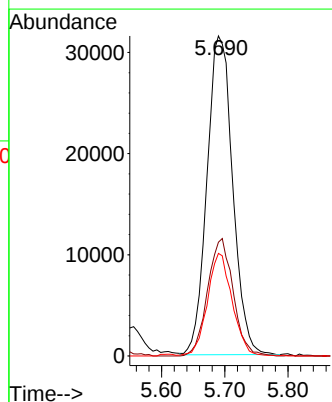
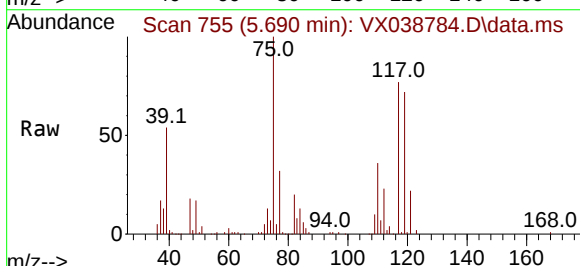
Delta R.T. -0.006 min

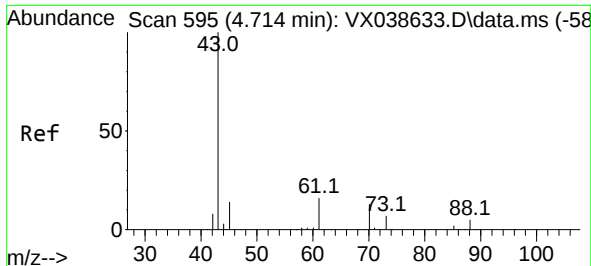
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 75 Resp: 89008

Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	30.4	24.7	37.1





#37

Ethyl Acetate

Concen: 64.030 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10812

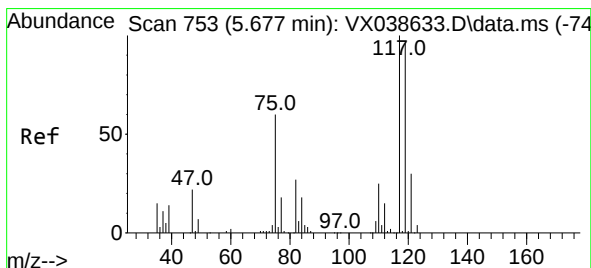
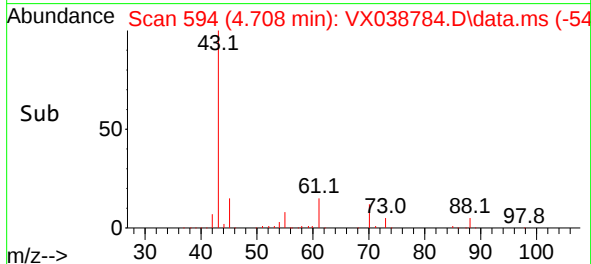
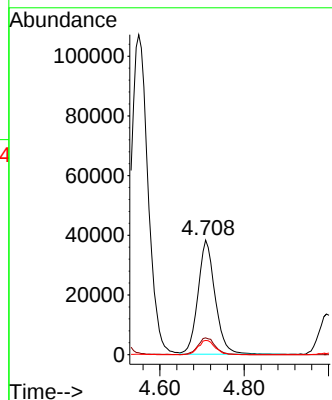
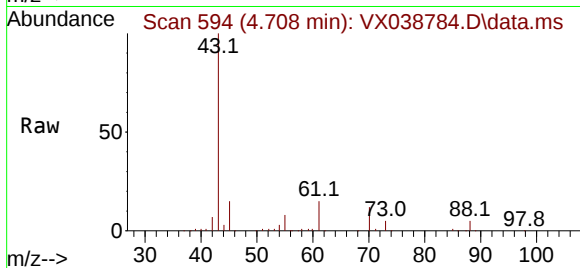
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	12.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#38

Carbon Tetrachloride

Concen: 47.712 ug/l

RT: 5.678 min Scan# 753

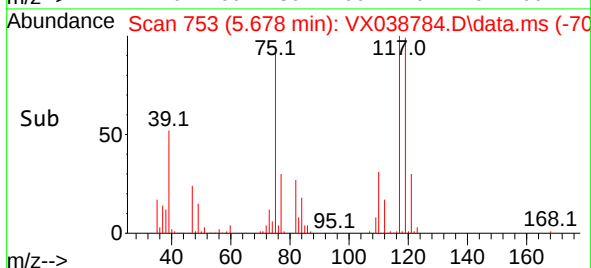
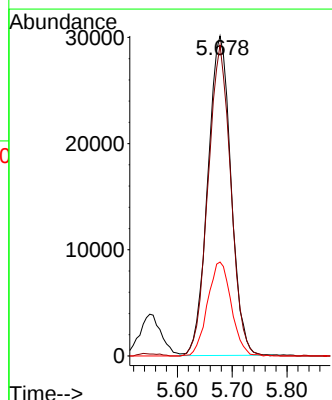
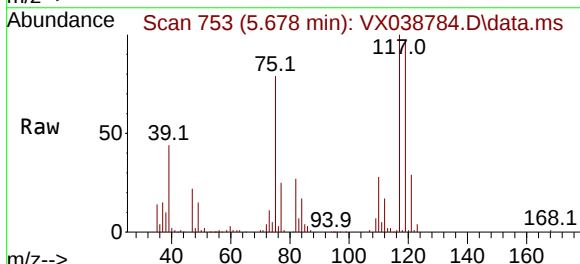
Delta R.T. 0.000 min

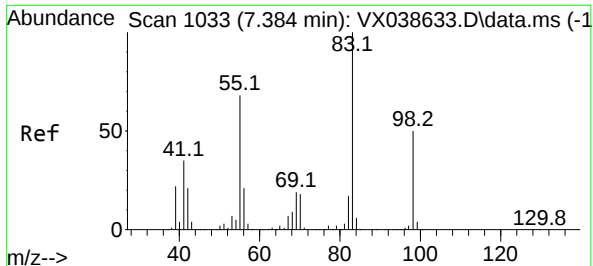
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion:117 Resp: 88222

Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.2
121	29.4	24.4	36.6





#39

Methylcyclohexane

Concen: 53.865 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 111389

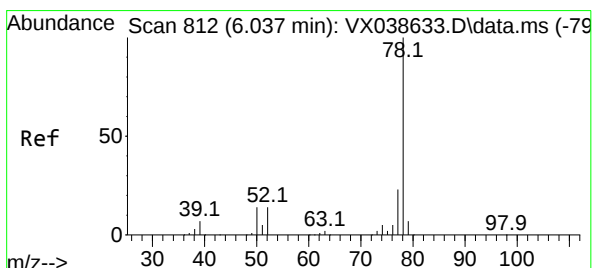
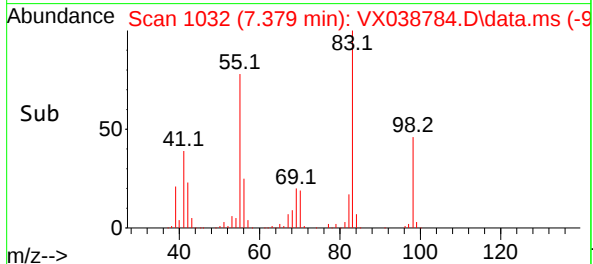
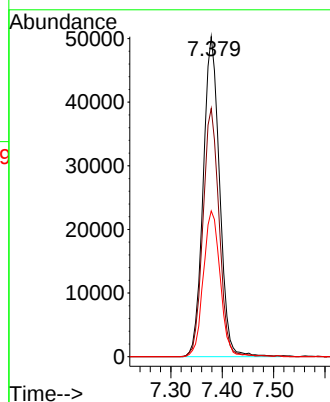
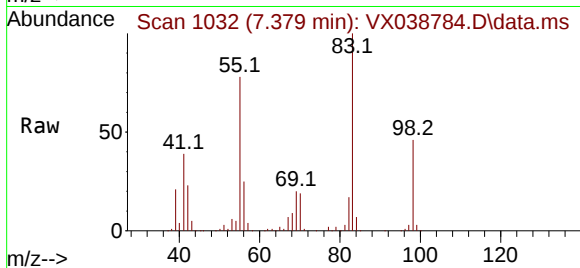
Ion	Ratio	Lower	Upper
83	100		
55	77.6	64.6	97.0
98	45.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#40

Benzene

Concen: 55.508 ug/l

RT: 6.037 min Scan# 812

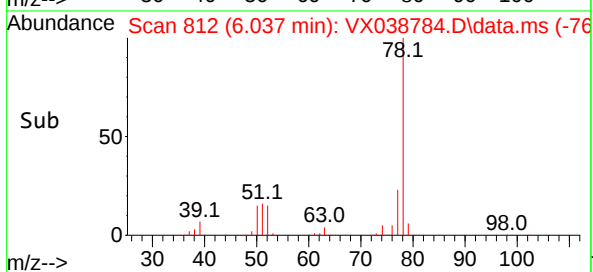
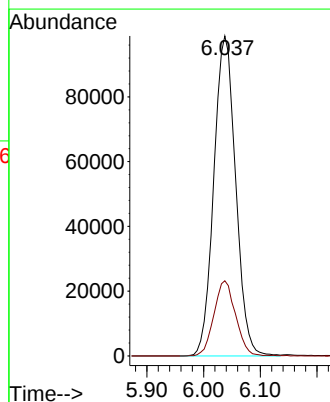
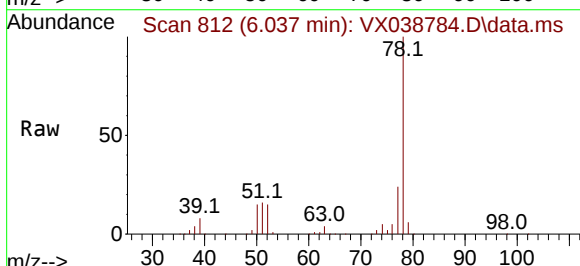
Delta R.T. 0.000 min

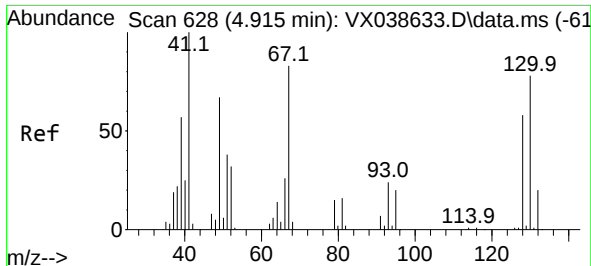
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 78 Resp: 264438

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 70.246 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

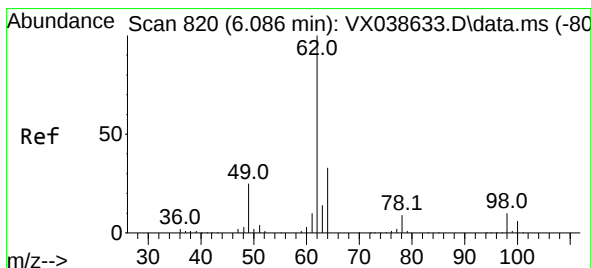
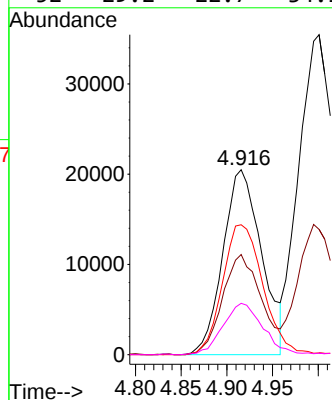
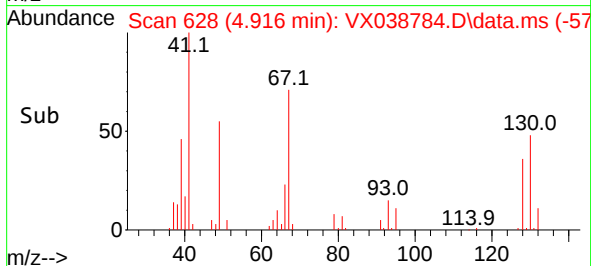
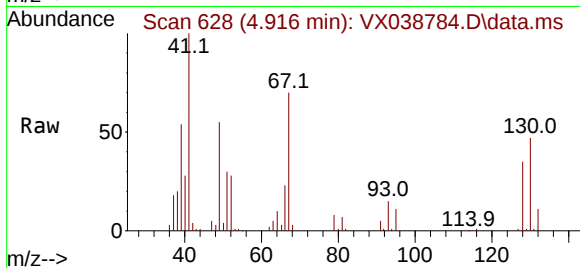
VSTDCCC050EC

Tgt Ion: 41 Resp: 6043
Ion Ratio Lower Upper
41 100
39 54.4 45.2 67.8
67 73.9 52.6 78.8
52 29.2 22.7 34.1

Manual Integrations

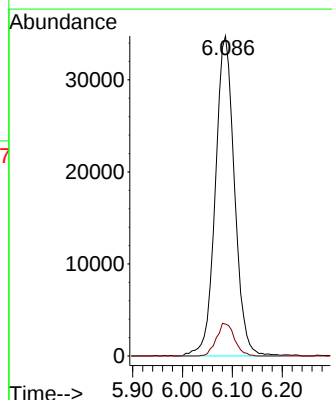
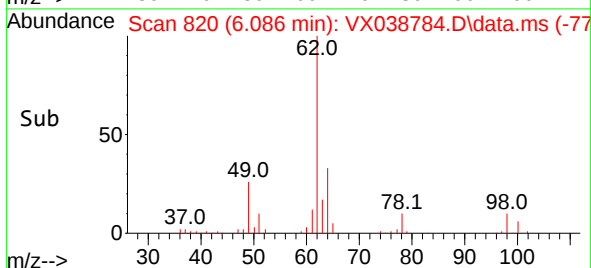
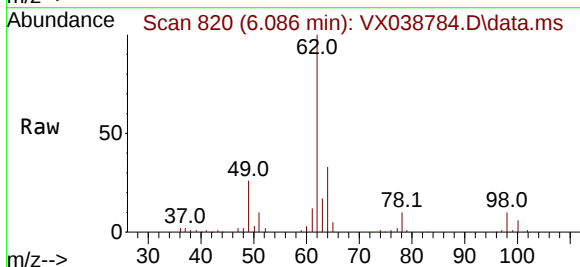
APPROVED

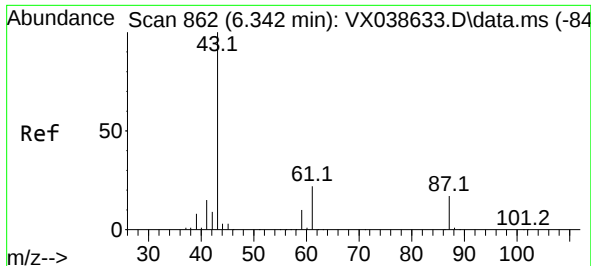
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 53.918 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 62 Resp: 92683
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





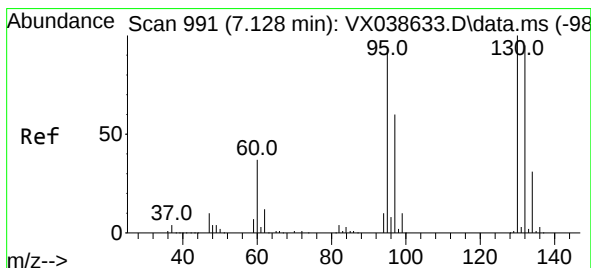
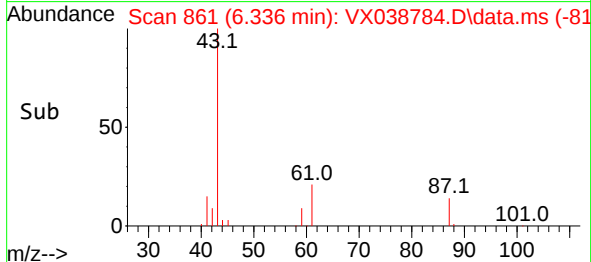
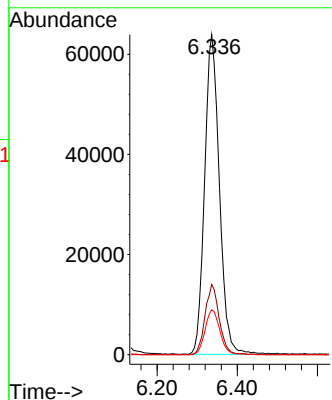
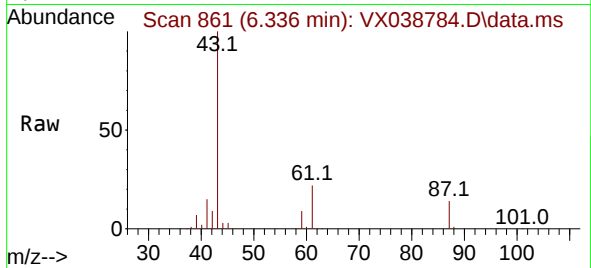
#43
Isopropyl Acetate
Concen: 62.858 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 16319
Ion Ratio Lower Upper
43 100
61 21.1 15.2 22.8
87 14.1 9.8 14.6

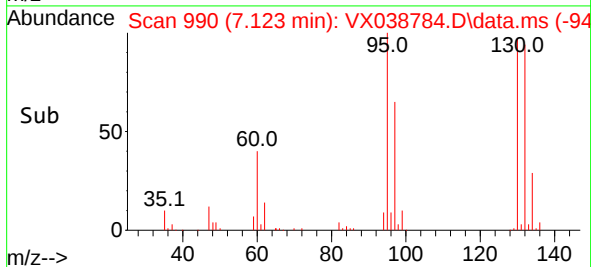
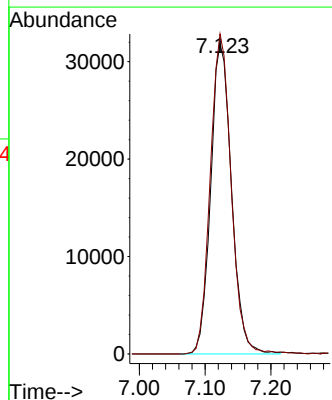
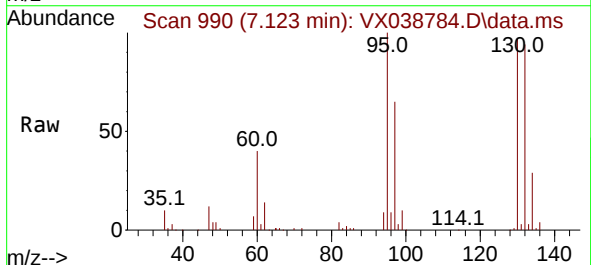
Manual Integrations
APPROVED

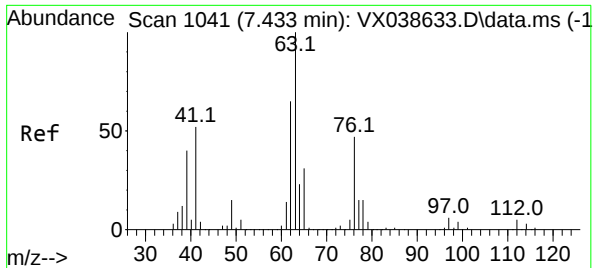
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 47.373 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion:130 Resp: 70220
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 59.174 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6814

Ion Ratio Lower Upper

63 100

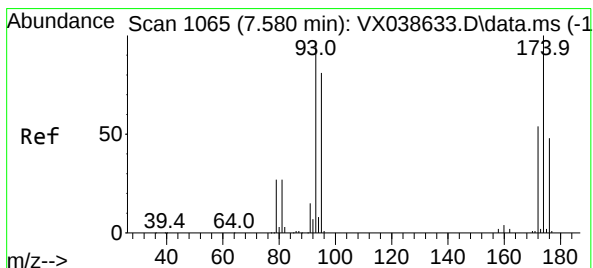
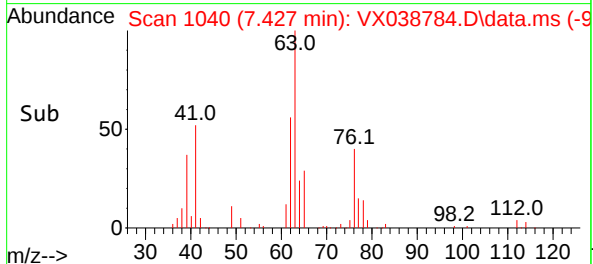
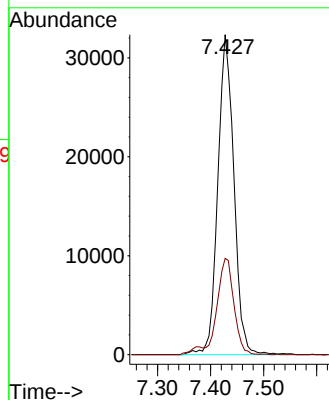
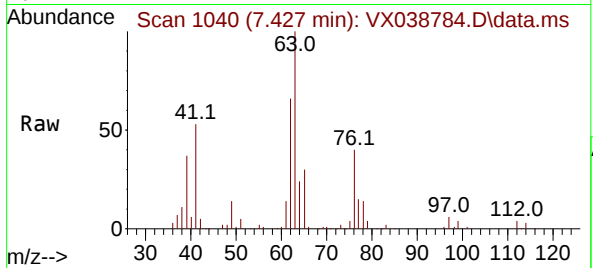
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 50.274 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

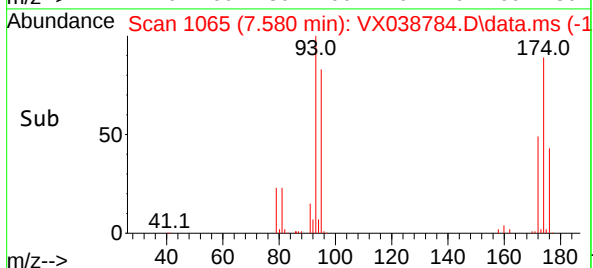
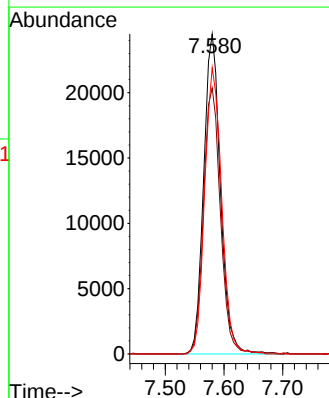
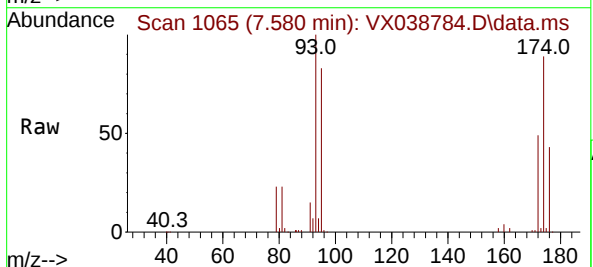
Tgt Ion: 93 Resp: 48419

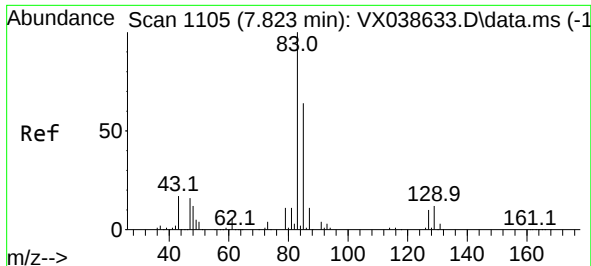
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 91.0 69.4 104.0





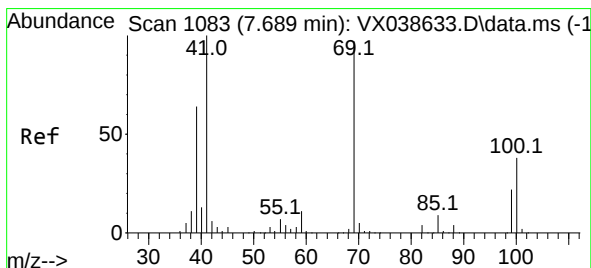
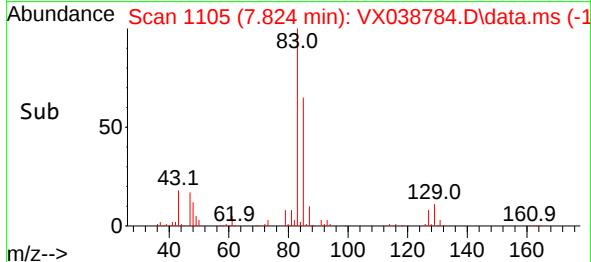
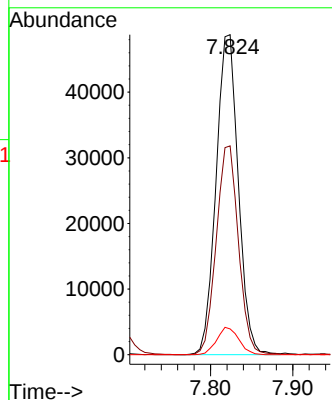
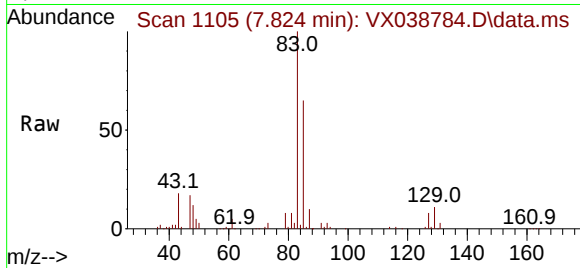
#47
Bromodichloromethane
Concen: 50.565 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 91580
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.1 7.1 10.7

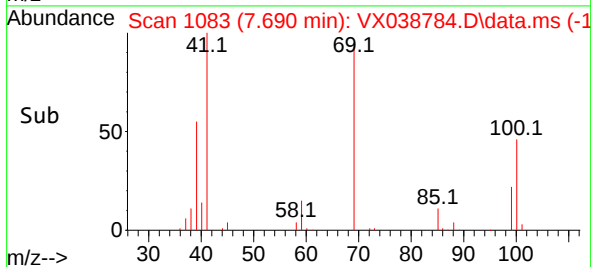
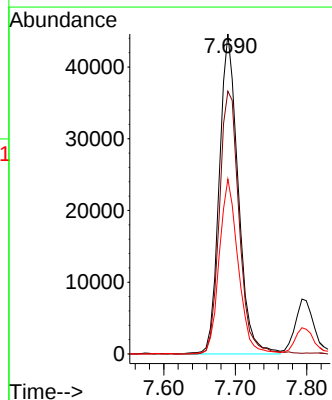
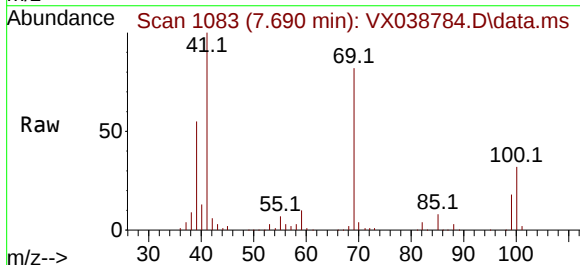
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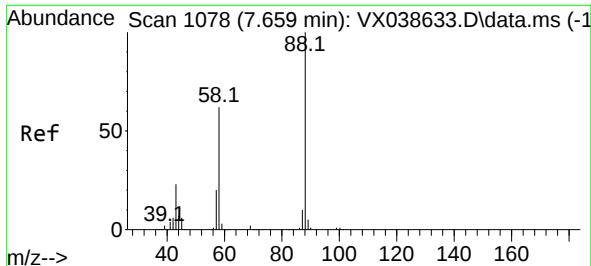
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 65.578 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 41 Resp: 82049
Ion Ratio Lower Upper
41 100
69 85.3 59.2 88.8
39 54.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1042.170 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 29684

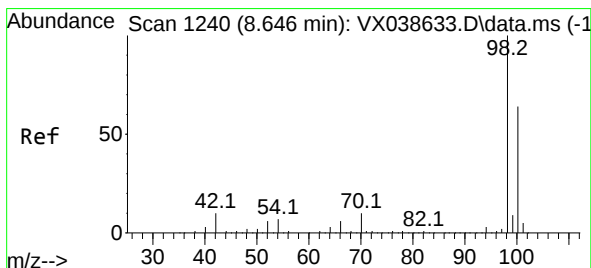
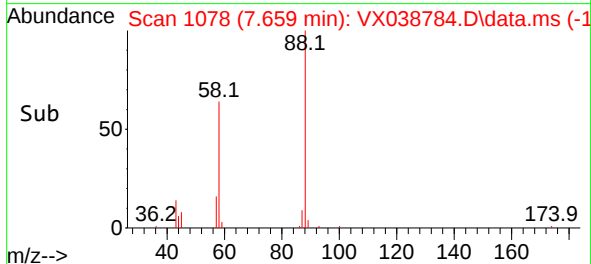
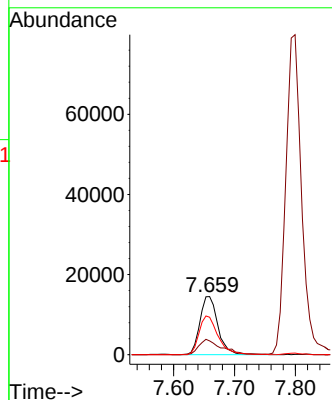
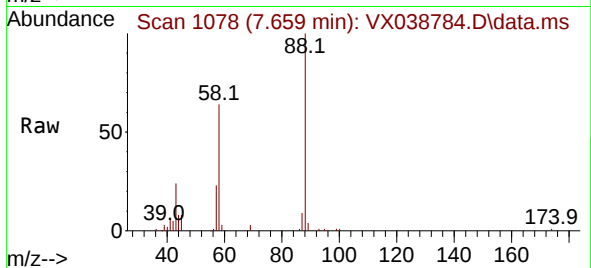
Ion	Ratio	Lower	Upper
88	100		
43	33.3	0.0	0.0
58	69.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 49.676 ug/l

RT: 8.647 min Scan# 1240

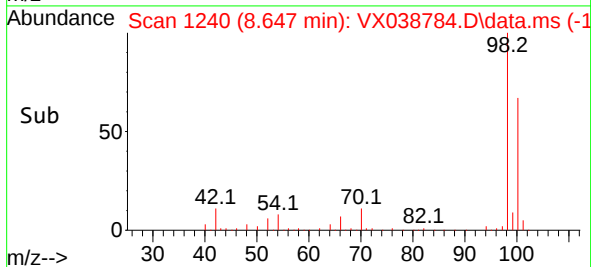
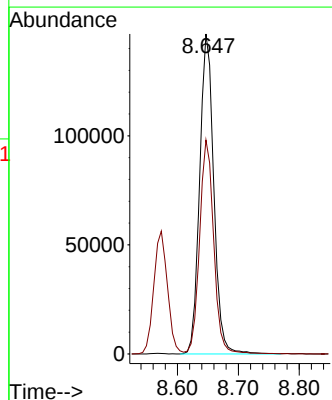
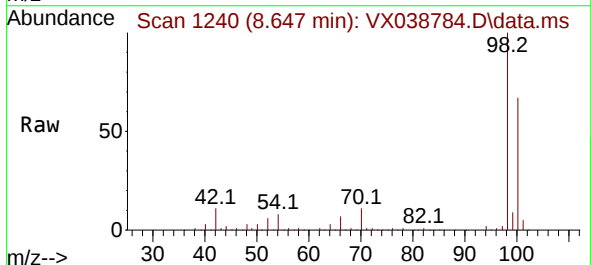
Delta R.T. 0.000 min

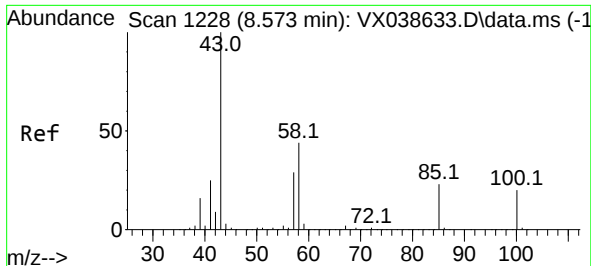
Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 98 Resp: 236689

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 326.207 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 55178

Ion Ratio Lower Upper

43 100

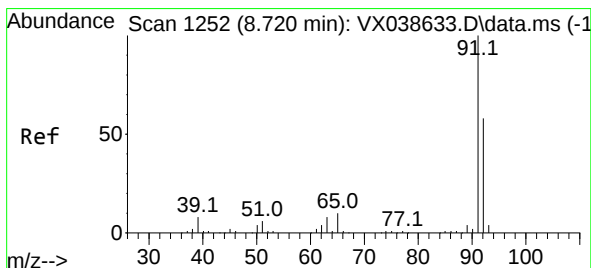
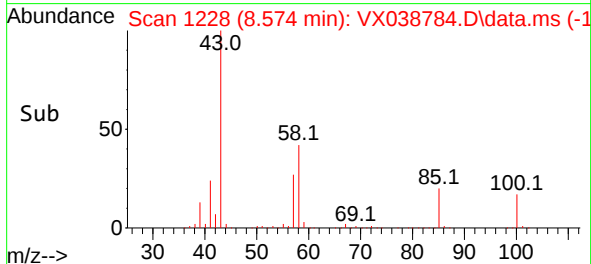
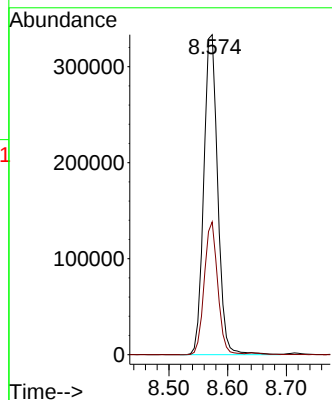
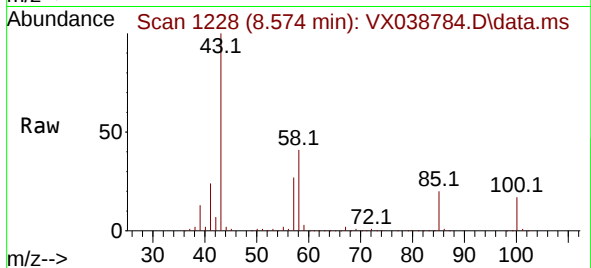
58 40.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#52

Toluene

Concen: 53.606 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038784.D

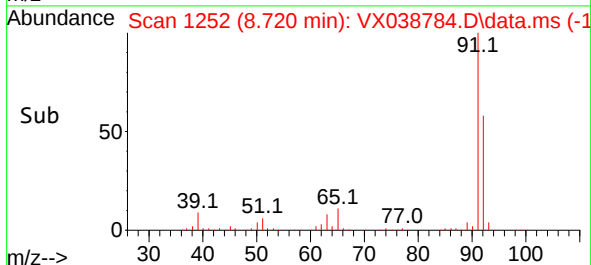
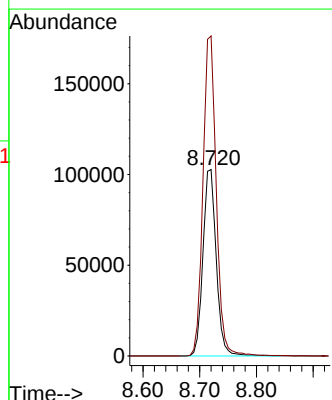
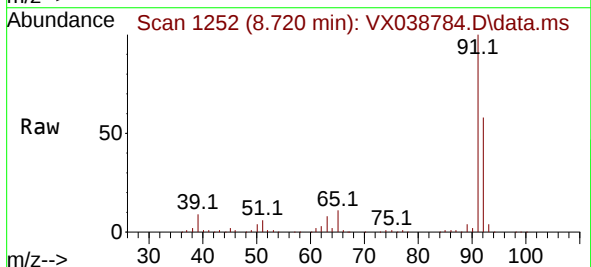
Acq: 13 Nov 2023 16:53

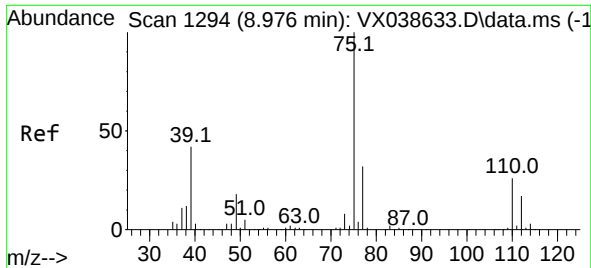
Tgt Ion: 92 Resp: 167294

Ion Ratio Lower Upper

92 100

91 171.0 134.2 201.2





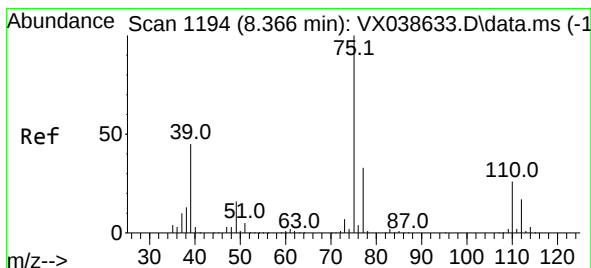
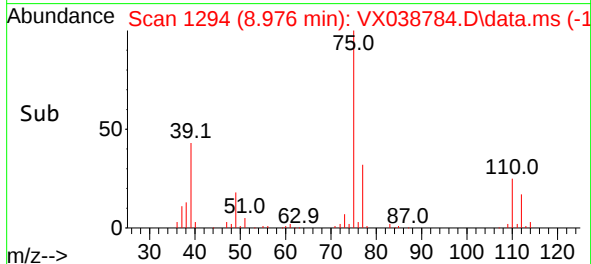
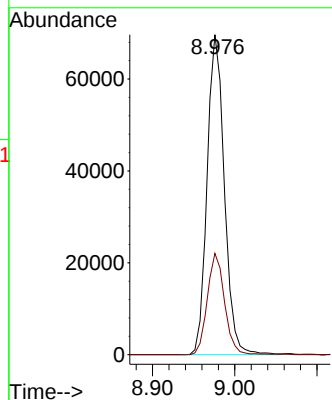
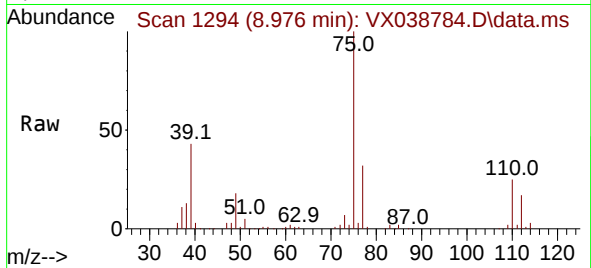
#53
t-1,3-Dichloropropene
Concen: 55.084 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 101570
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

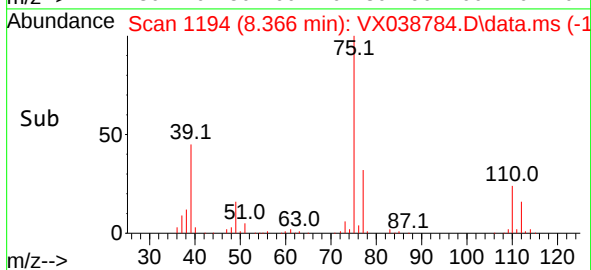
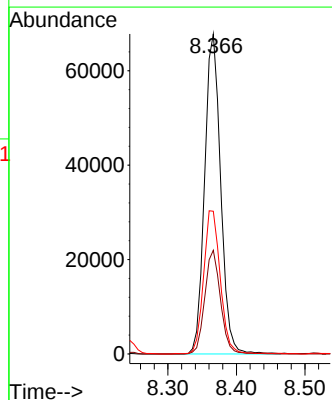
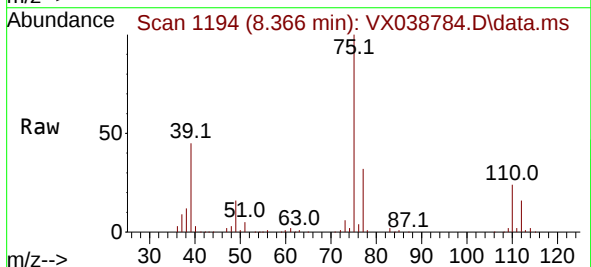
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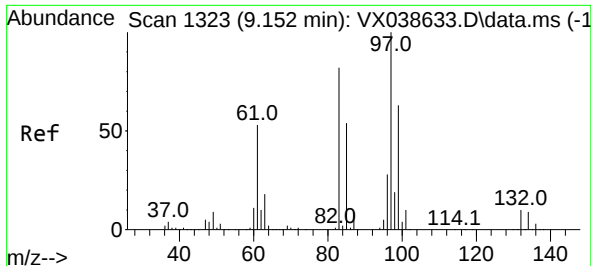
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 56.845 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

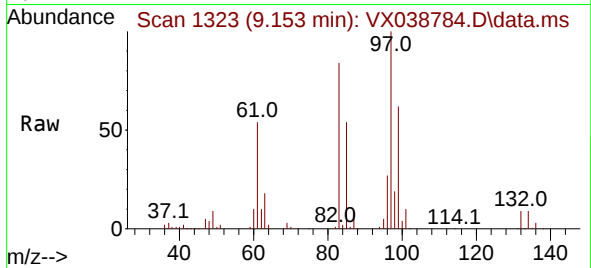
Tgt Ion: 75 Resp: 110660
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 44.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 52.999 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

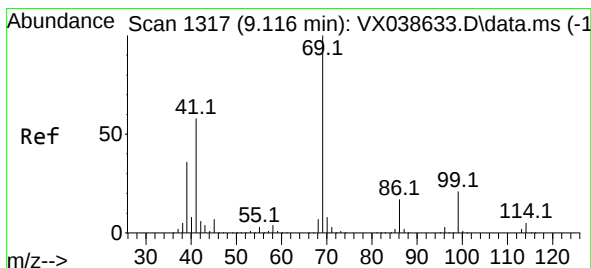
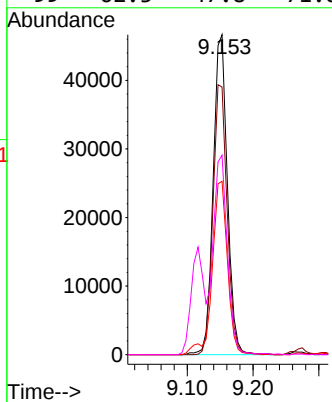
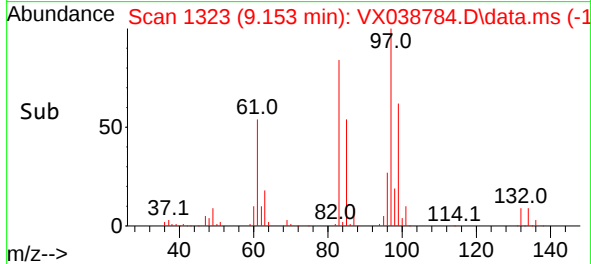
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.8	98.8
85	54.2	41.6	62.4
99	62.3	47.8	71.8

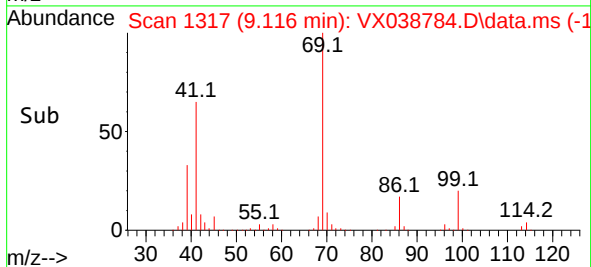
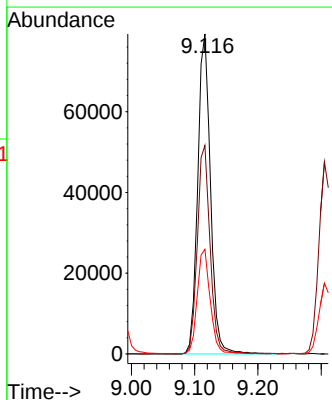
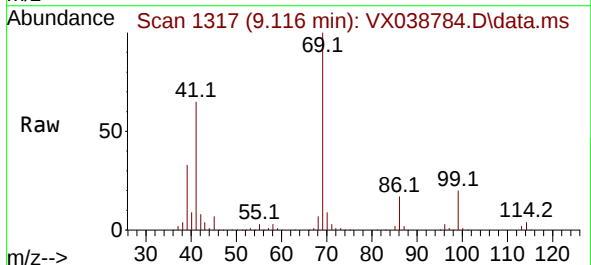
Manual Integrations
APPROVED

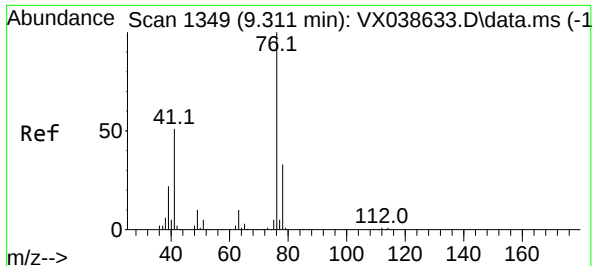
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#56
Ethyl methacrylate
Concen: 60.329 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.8	85.2
39	33.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 55.687 ug/l

RT: 9.305 min Scan# 11485

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11485

Ion Ratio Lower Upper

76 100

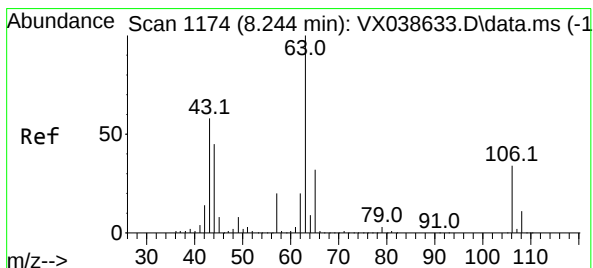
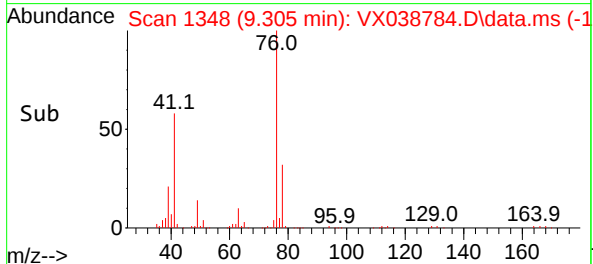
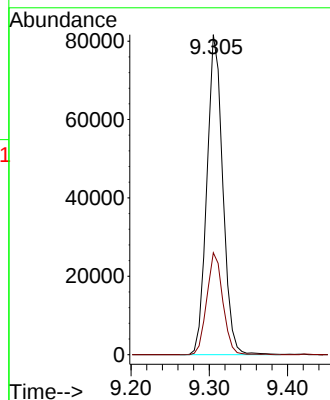
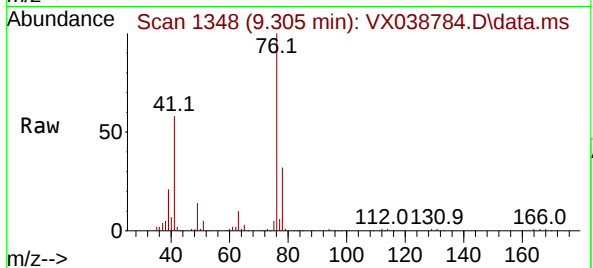
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 290.701 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038784.D

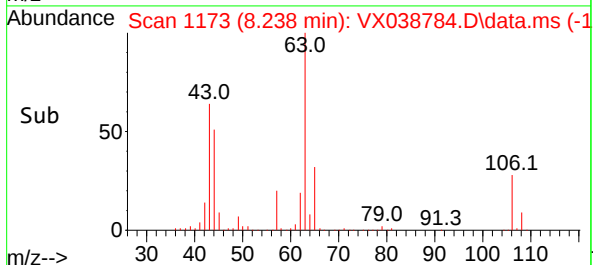
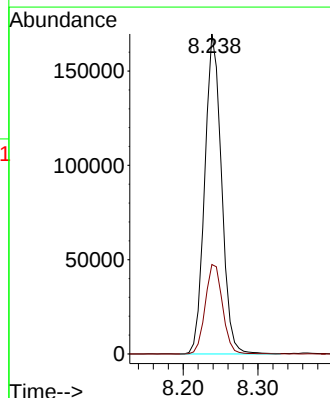
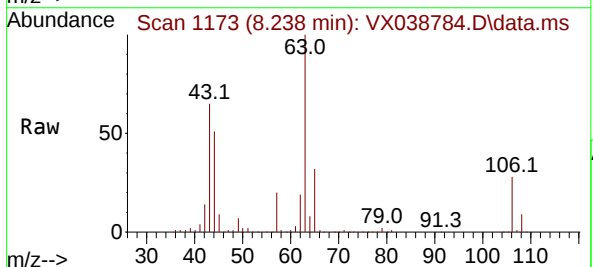
Acq: 13 Nov 2023 16:53

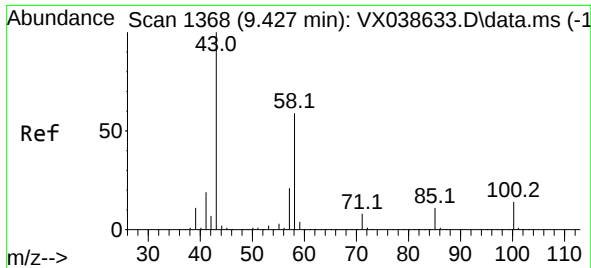
Tgt Ion: 63 Resp: 264795

Ion Ratio Lower Upper

63 100

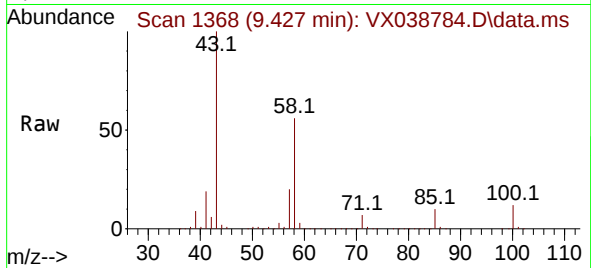
106 28.8 22.5 33.7





#59
2-Hexanone
Concen: 322.703 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

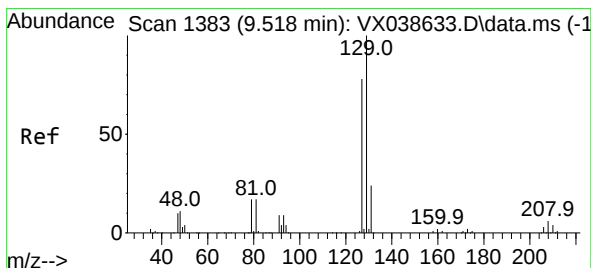
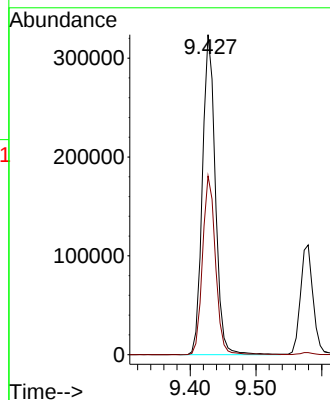
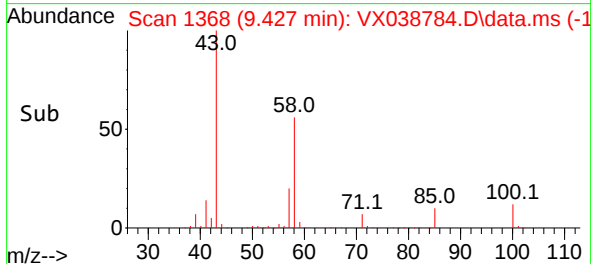
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 44167
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

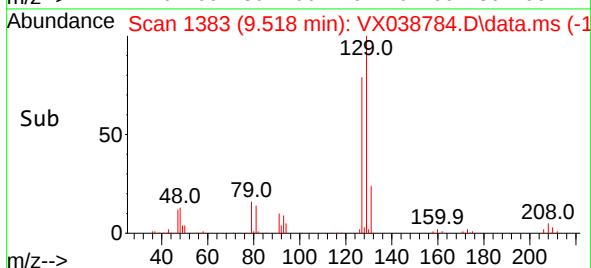
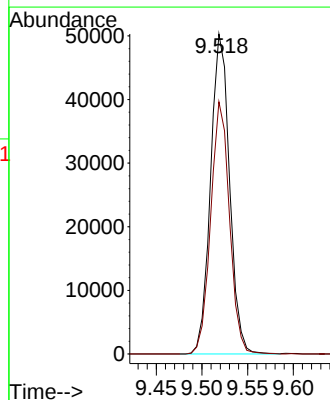
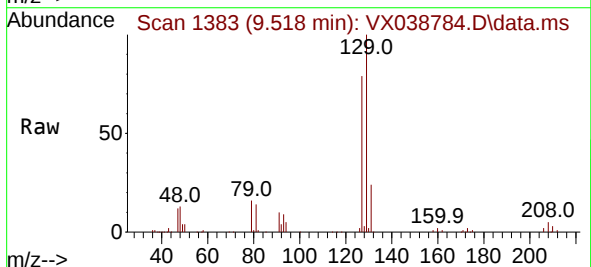
Manual Integrations
APPROVED

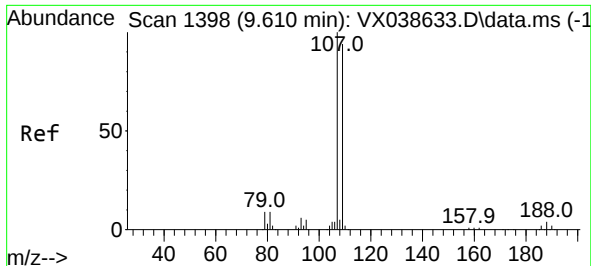
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#60
Dibromochloromethane
Concen: 48.749 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion:129 Resp: 72462
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





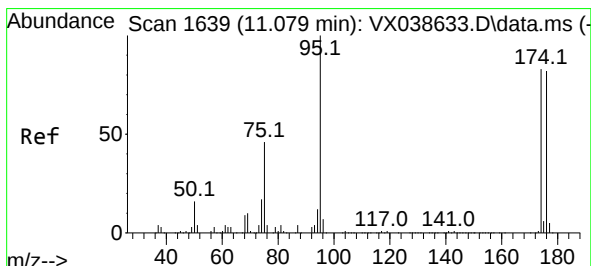
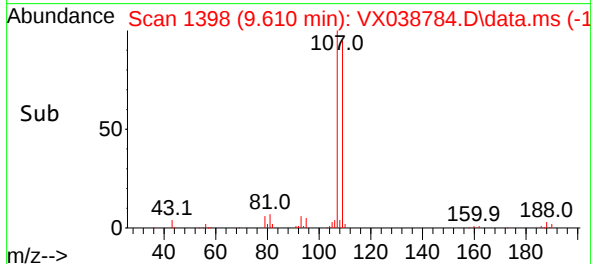
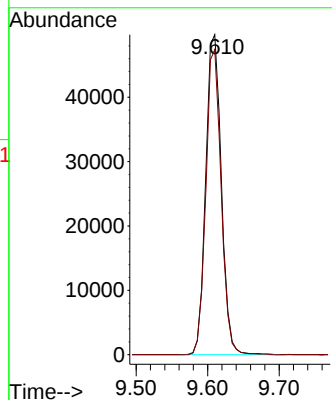
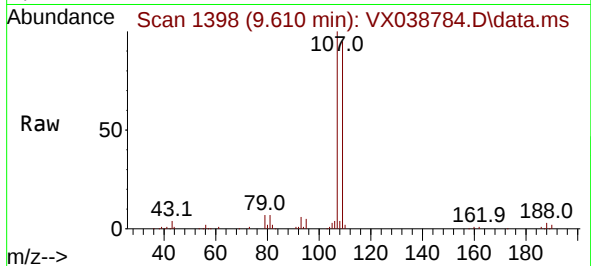
#61
1,2-Dibromoethane
Concen: 50.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 7539
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

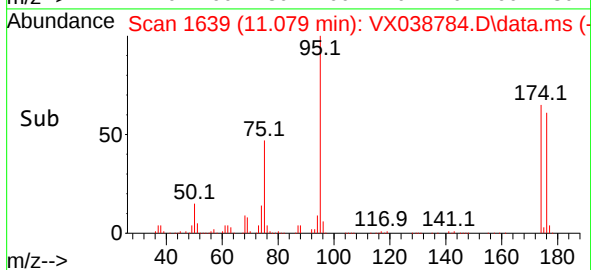
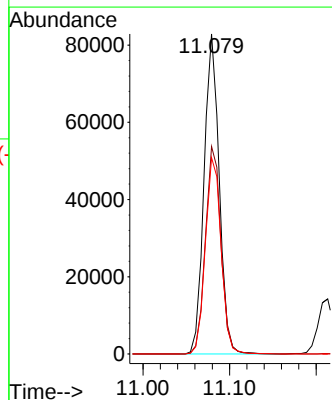
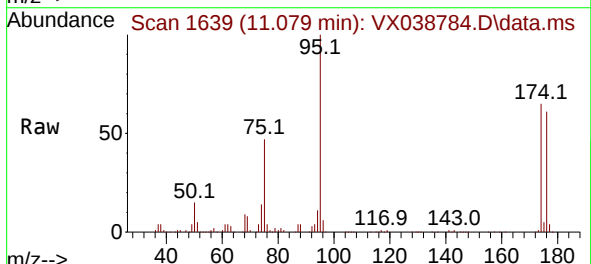
Manual Integrations
APPROVED

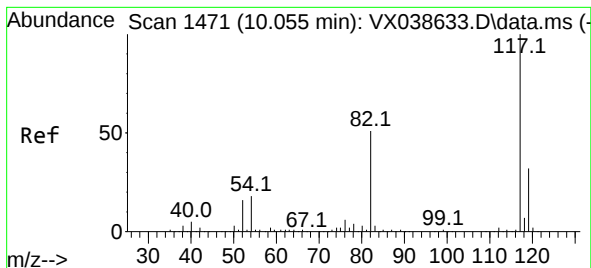
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#62
4-Bromofluorobenzene
Concen: 54.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

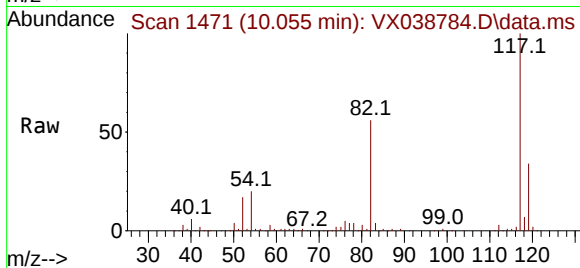
Tgt Ion: 95 Resp: 100503
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 63.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

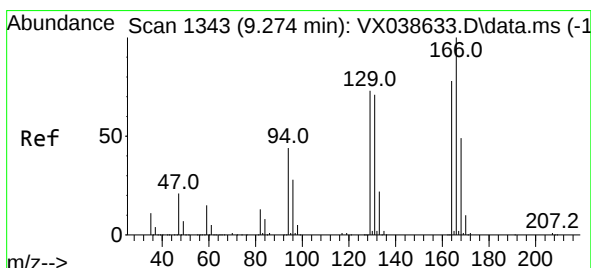
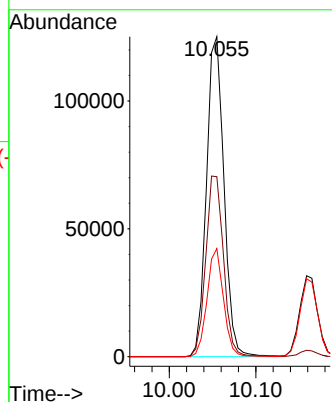
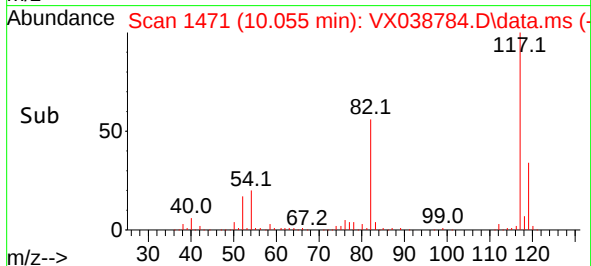
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 175378
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 33.8 25.5 38.3

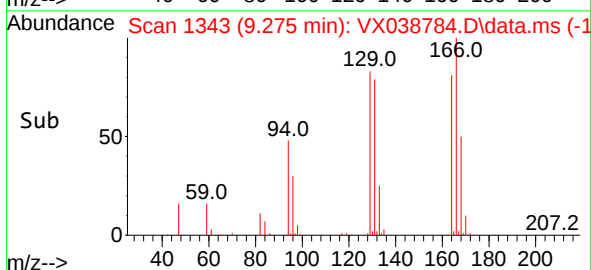
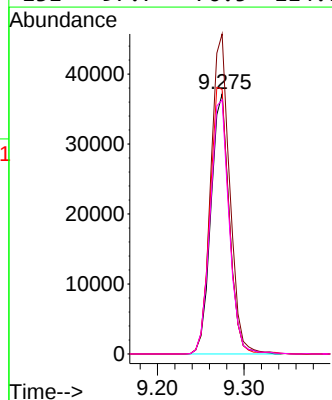
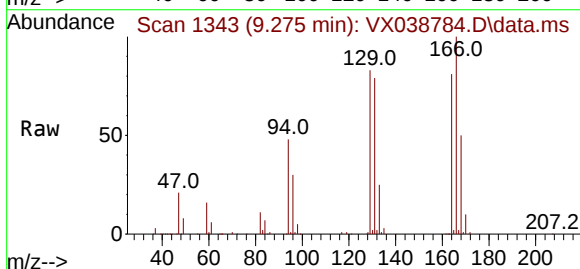
Manual Integrations
APPROVED

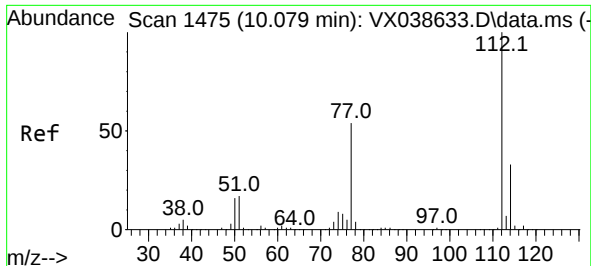
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 41.678 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

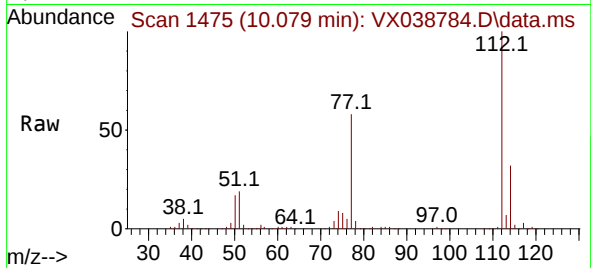
Tgt Ion:164 Resp: 54713
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 101.8 80.4 120.6
131 97.7 76.5 114.7





#65
Chlorobenzene
Concen: 51.293 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

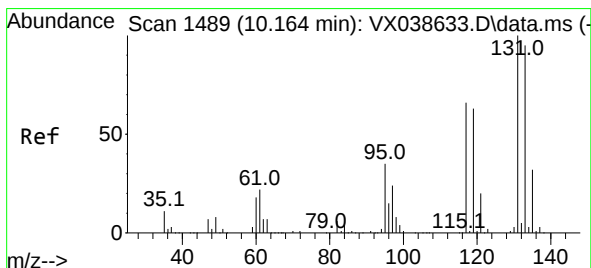
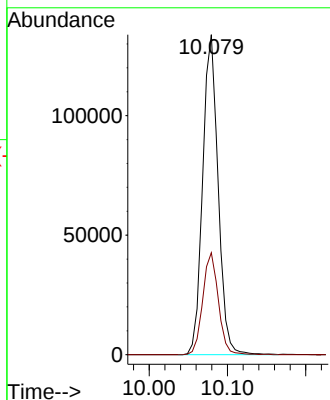
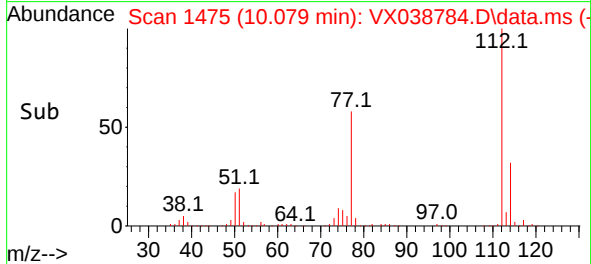
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 18312
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

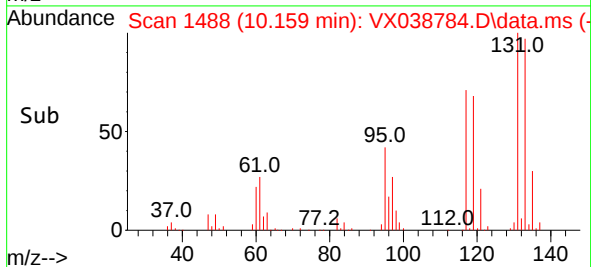
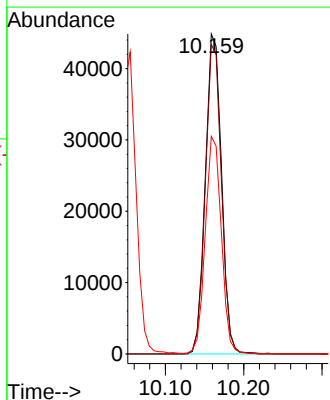
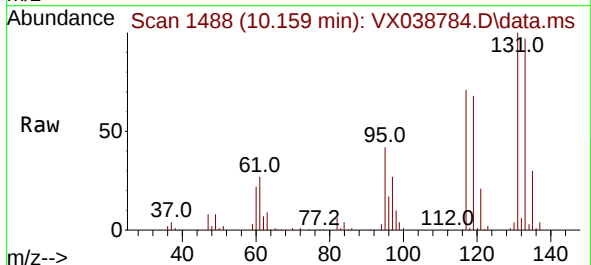
Manual Integrations
APPROVED

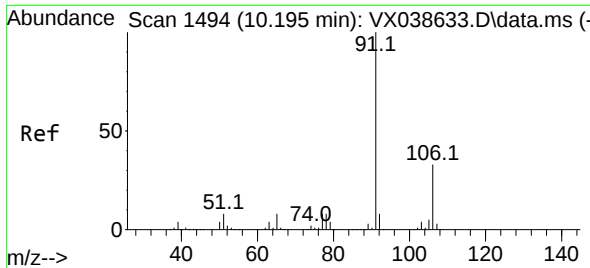
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.015 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

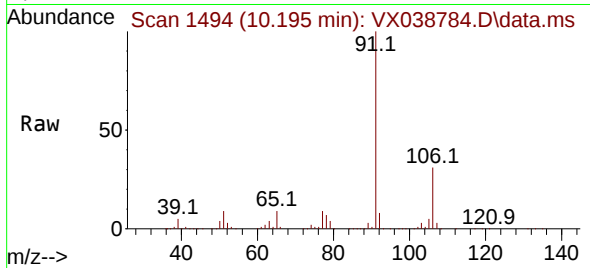
Tgt Ion:131 Resp: 64441
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 67.4 32.2 96.6





#67
Ethyl Benzene
Concen: 54.165 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

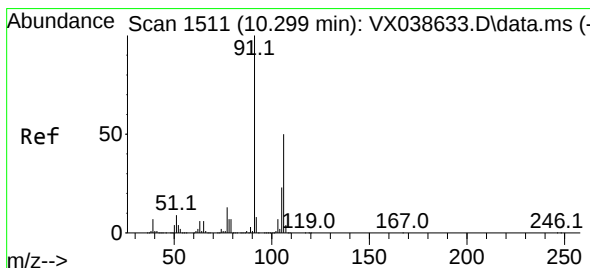
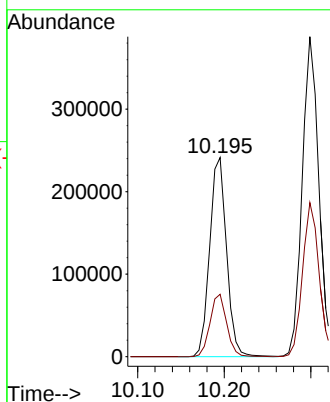
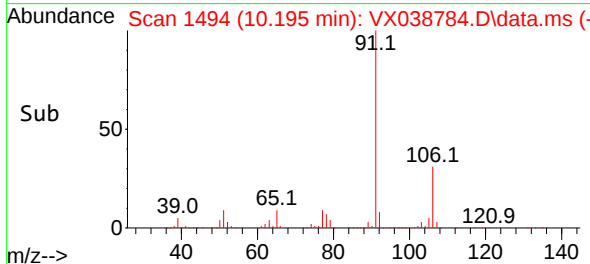
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



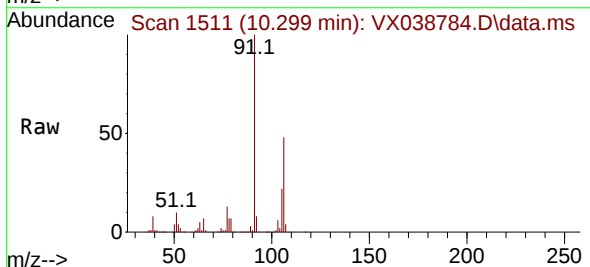
Tgt Ion: 91 Resp: 32710
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

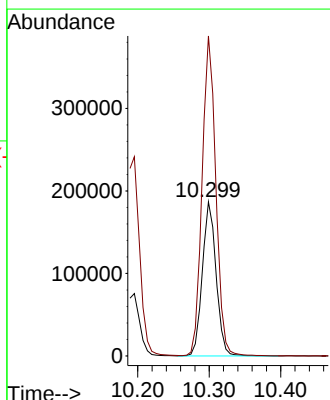
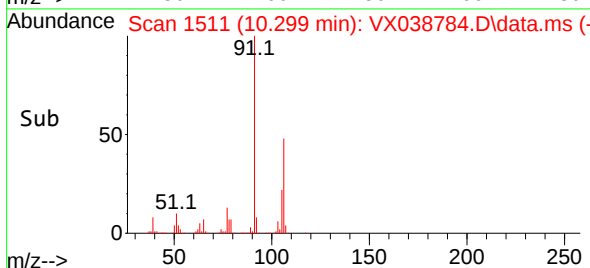
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

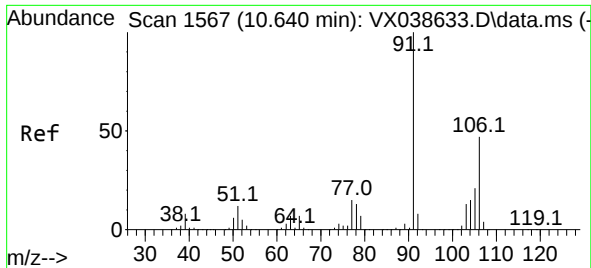


#68
m/p-Xylenes
Concen: 103.899 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



Tgt Ion:106 Resp: 249021
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3





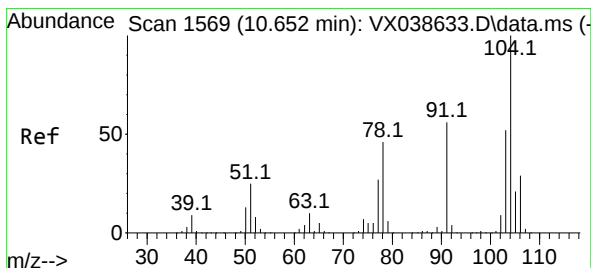
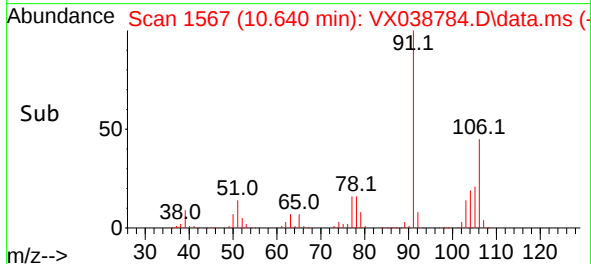
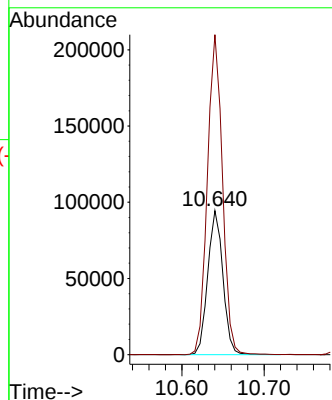
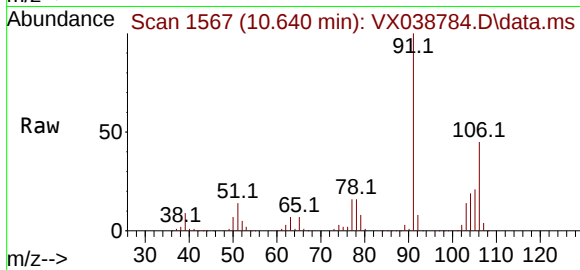
#69
o-Xylene
Concen: 51.968 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12112
Ion Ratio Lower Upper
106 100
91 221.1 108.9 326.8

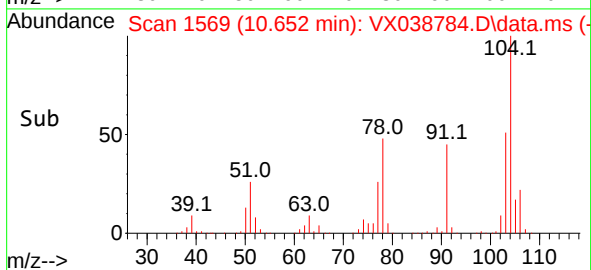
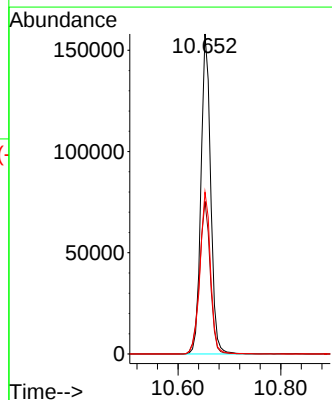
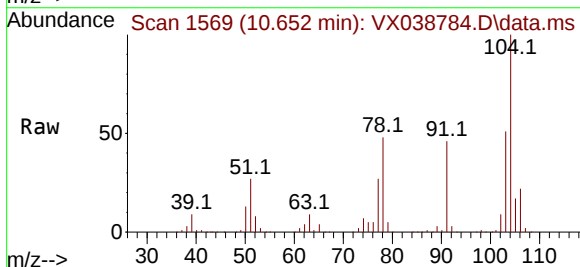
Manual Integrations
APPROVED

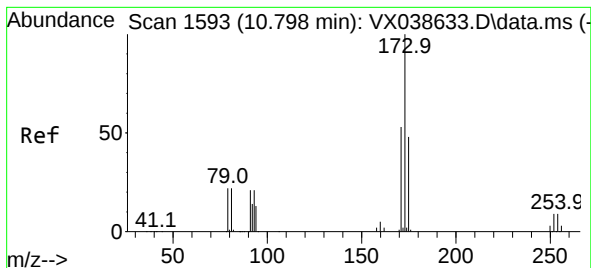
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 53.620 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion:104 Resp: 206264
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 55.1 43.6 65.4





#71

Bromoform

Concen: 43.076 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

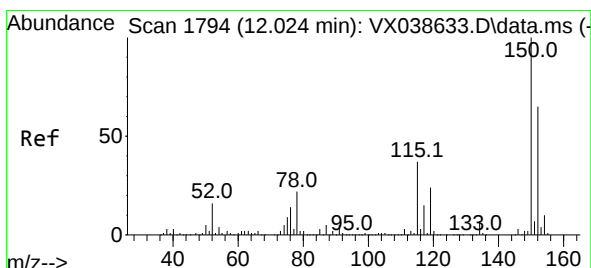
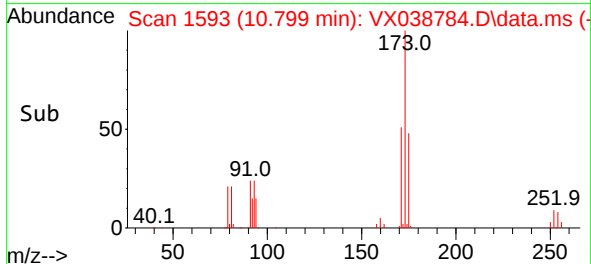
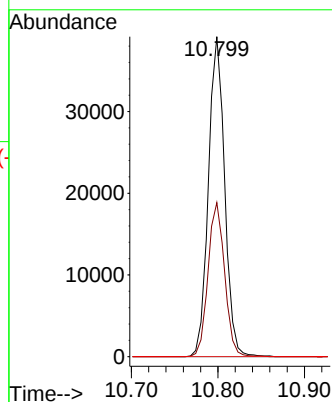
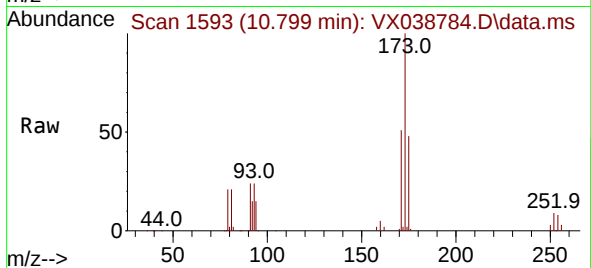
Tgt Ion:173 Resp: 5102
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

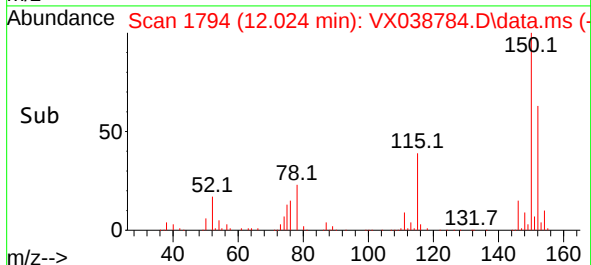
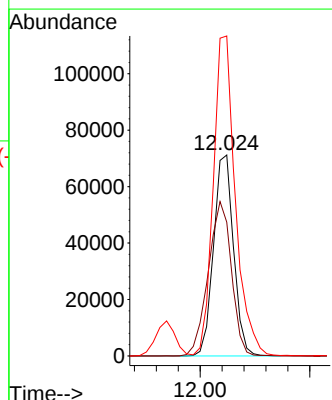
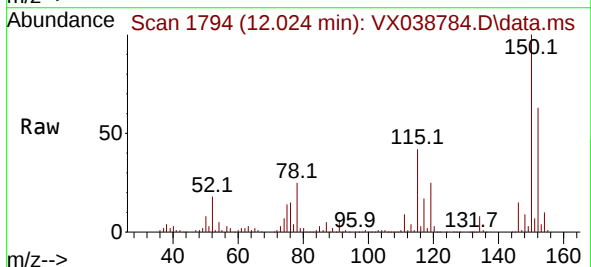
RT: 12.024 min Scan# 1794

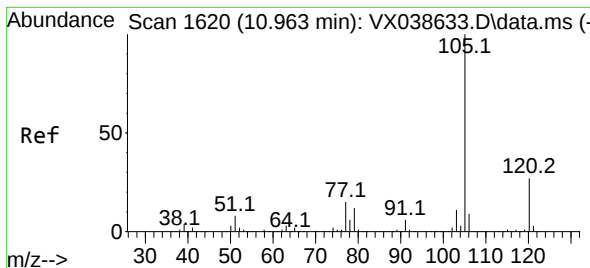
Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion:152 Resp: 90136
 Ion Ratio Lower Upper
 152 100
 115 89.3 43.3 129.9
 150 175.8 0.0 345.0





#73

Isopropylbenzene

Concen: 58.238 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 32204

Ion Ratio Lower Upper

105 100

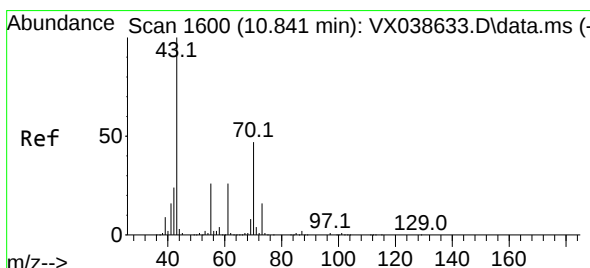
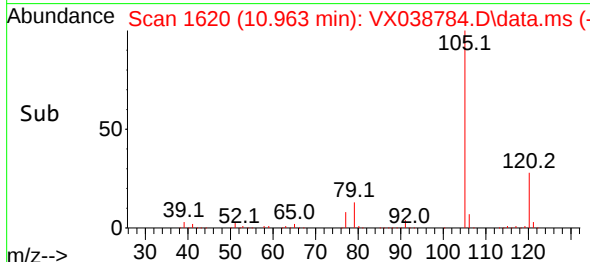
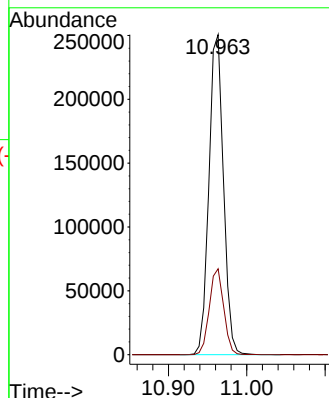
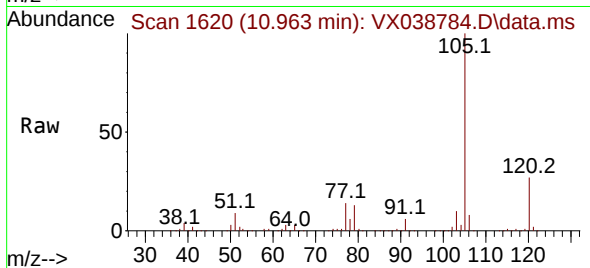
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#74

N-ethyl acetate

Concen: 74.068 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion: 43 Resp: 142311

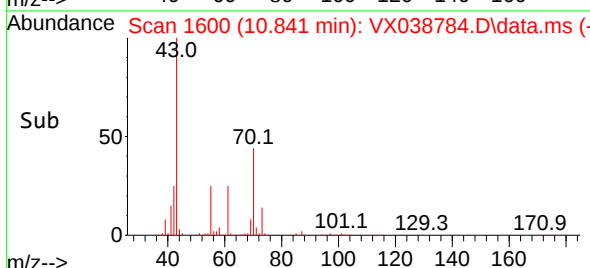
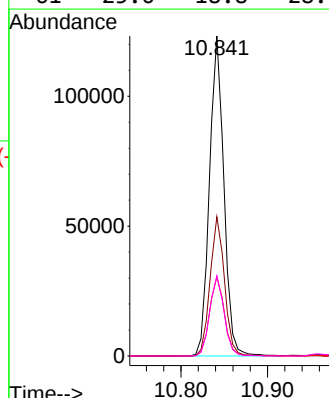
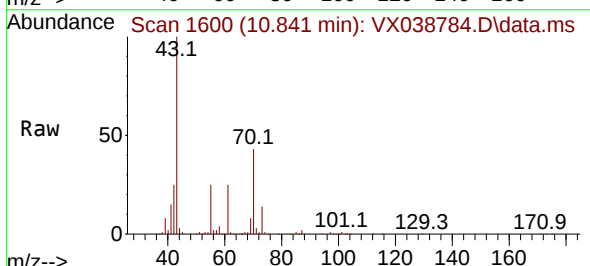
Ion Ratio Lower Upper

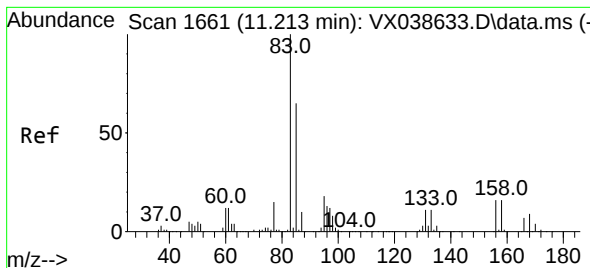
43 100

70 43.6 32.9 49.3

55 25.5 19.3 28.9

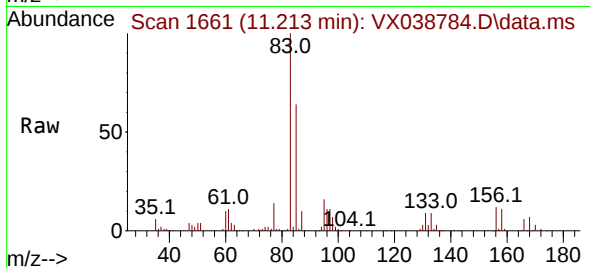
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 60.178 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

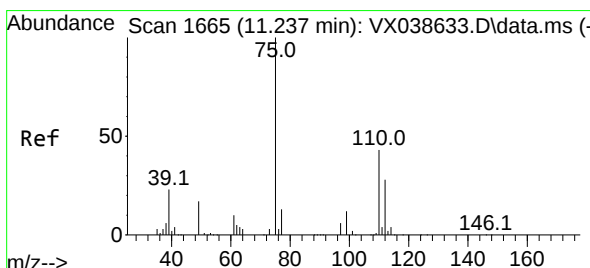
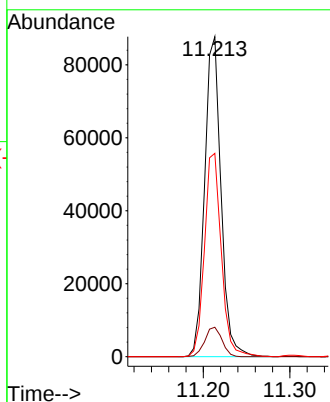
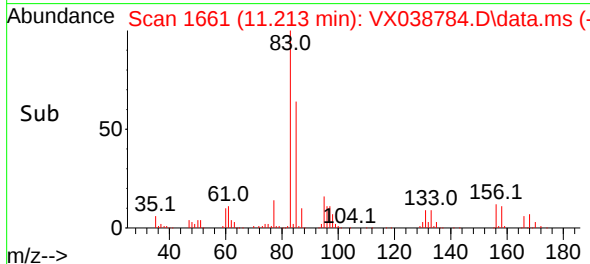
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



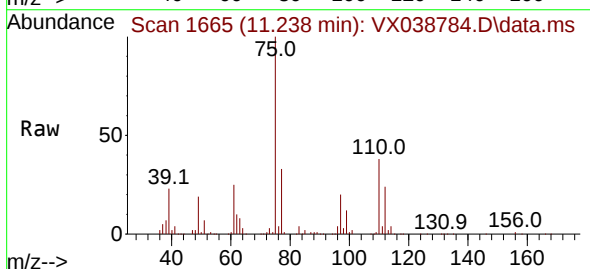
Tgt Ion: 83 Resp: 11504
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 65.4 32.0 96.2

Manual Integrations
APPROVED

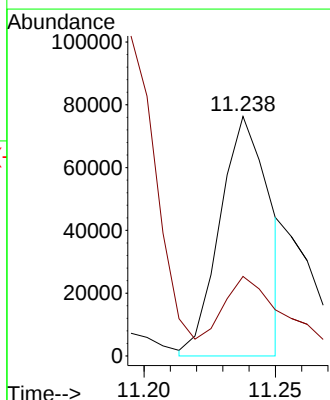
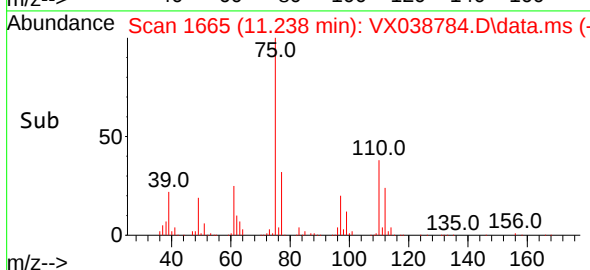
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023

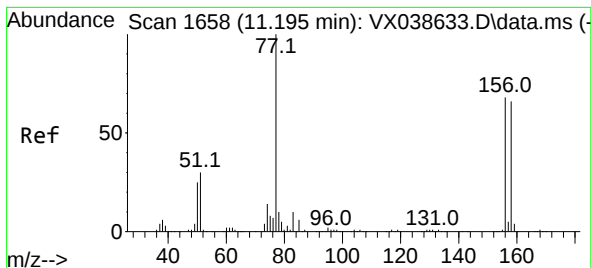


#76
1,2,3-Trichloropropane
Concen: 55.927 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53



Tgt Ion: 75 Resp: 99838
Ion Ratio Lower Upper
75 100
77 43.1 19.1 57.5





#77

Bromobenzene

Concen: 50.328 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

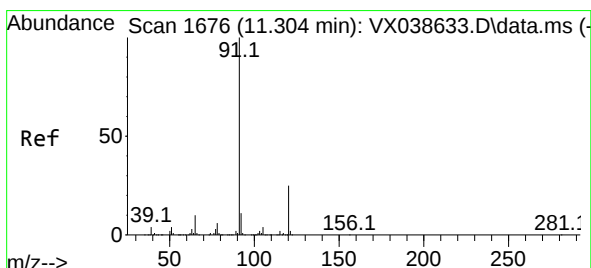
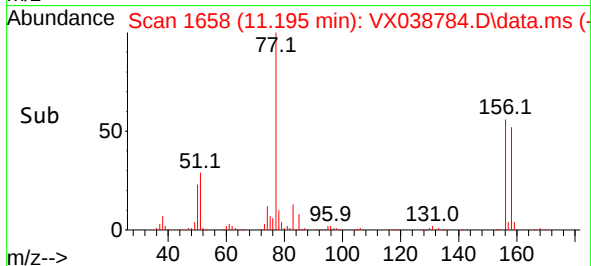
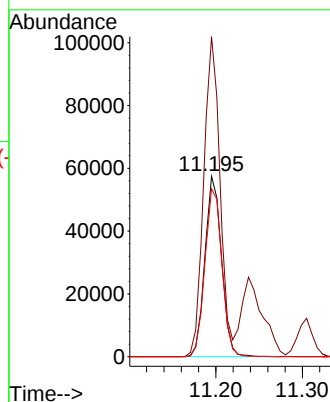
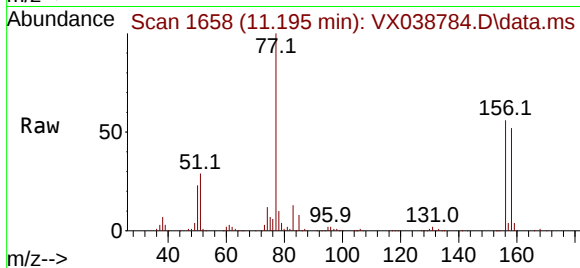
Tgt Ion:	156	Resp:	76380
Ion Ratio	Lower	Upper	
156	100		
77	174.0	88.4	265.3
158	95.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#78

n-propylbenzene

Concen: 60.442 ug/l

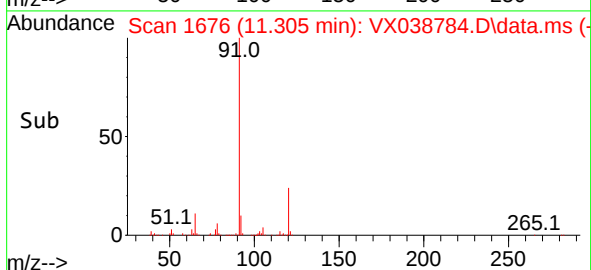
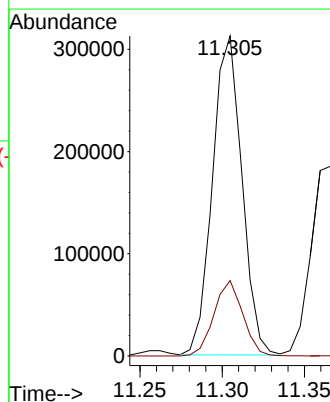
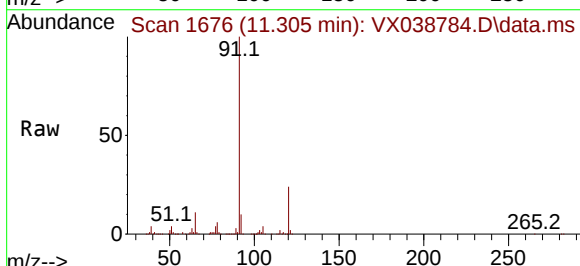
RT: 11.305 min Scan# 1676

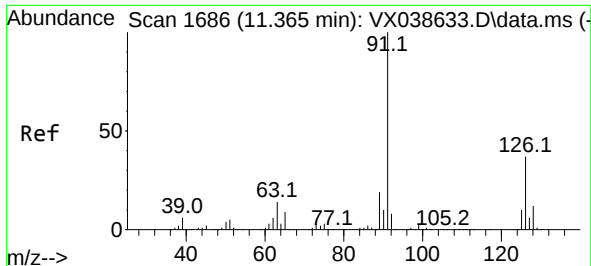
Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion:	91	Resp:	388938
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 61.341 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 23632

Ion Ratio Lower Upper

91 100

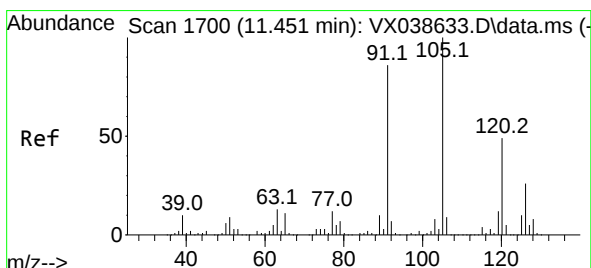
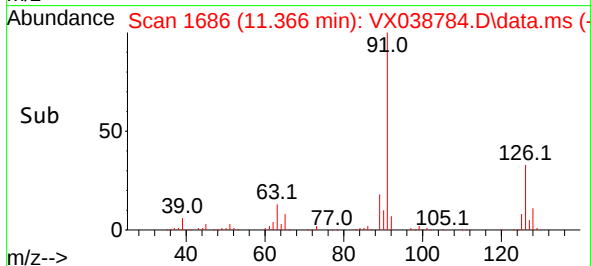
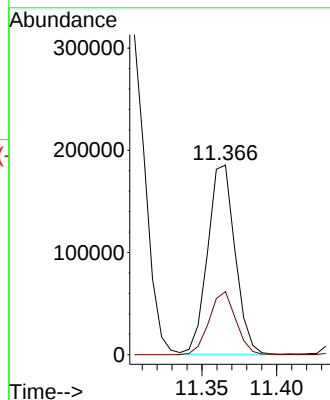
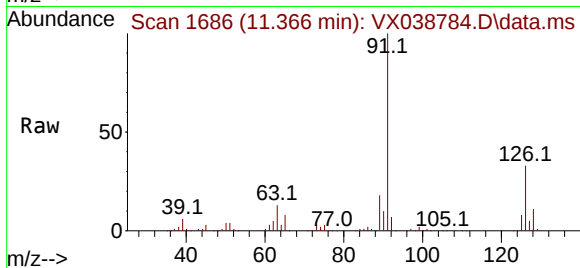
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#80

1,3,5-Trimethylbenzene

Concen: 58.789 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038784.D

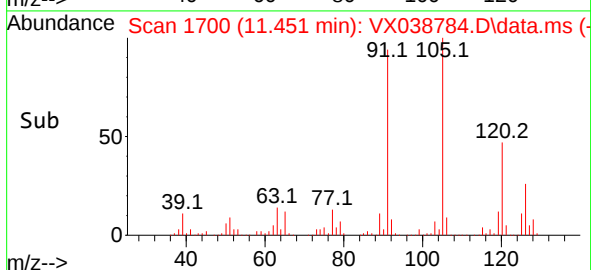
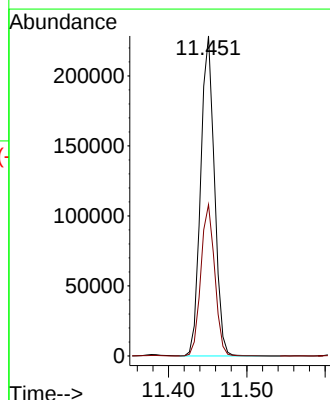
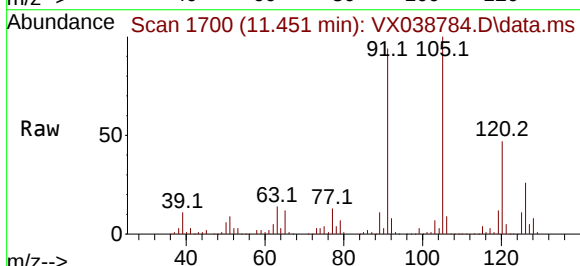
Acq: 13 Nov 2023 16:53

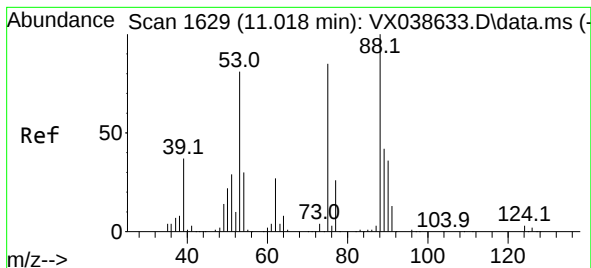
Tgt Ion:105 Resp: 279789

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





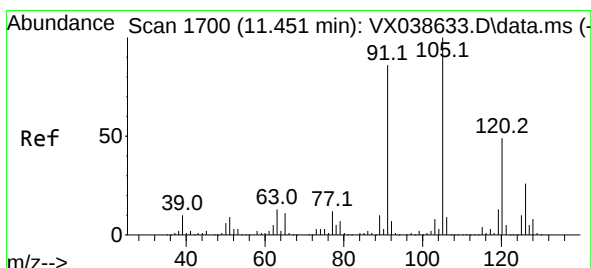
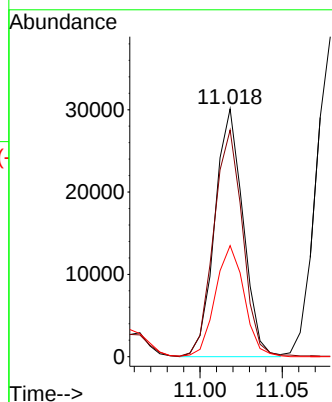
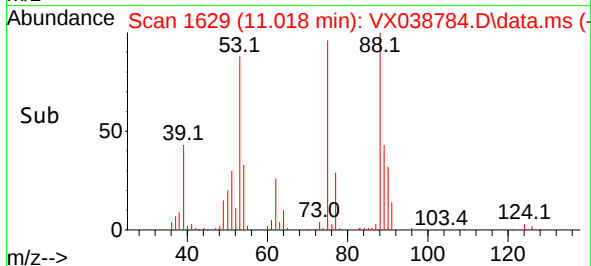
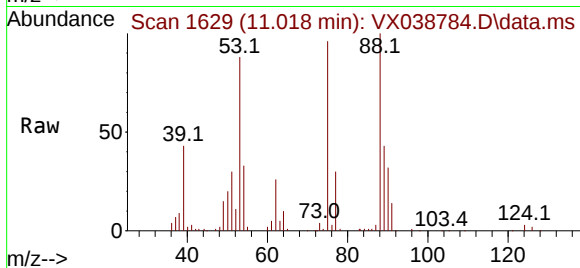
#81
trans-1,4-Dichloro-2-butene
Concen: 61.663 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 36050
Ion Ratio Lower Upper
75 100
53 93.0 90.5 135.7
89 45.8 36.9 55.3

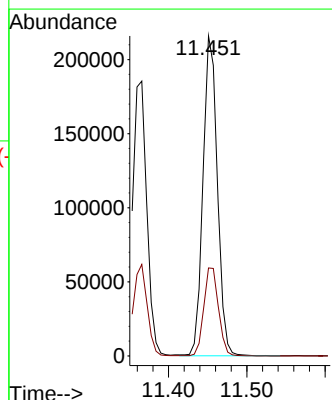
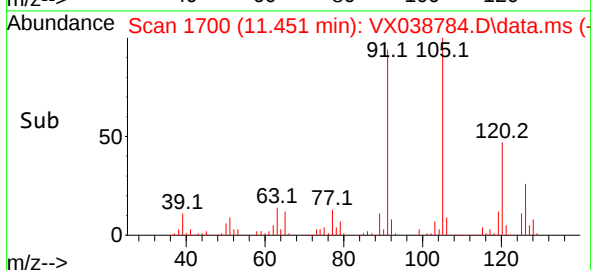
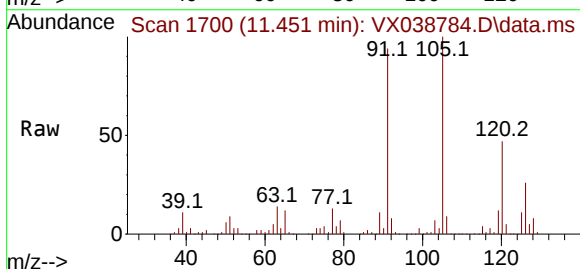
Manual Integrations
APPROVED

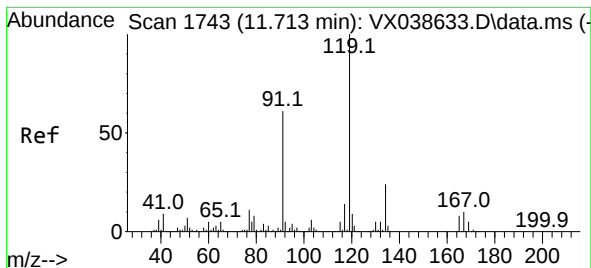
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 61.071 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 91 Resp: 274866
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.740 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 268804

Ion Ratio Lower Upper

119 100

91 62.1 31.2 93.6

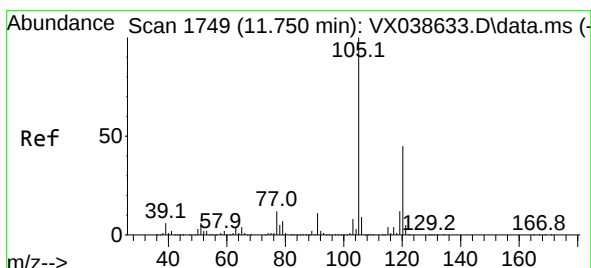
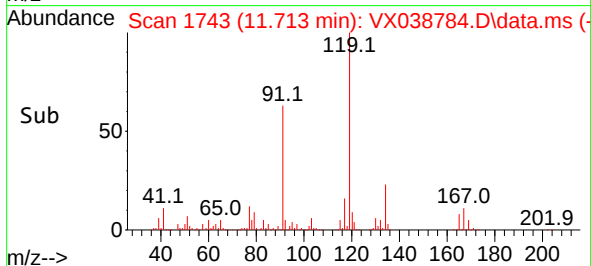
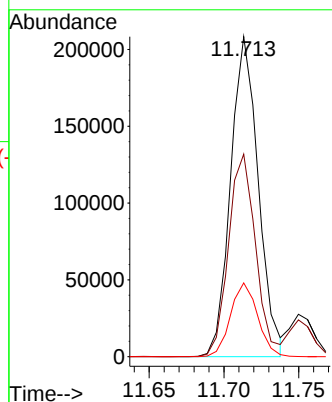
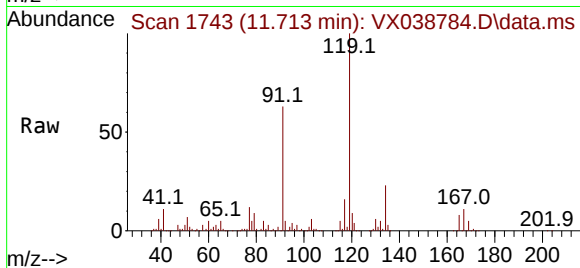
134 22.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 59.166 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038784.D

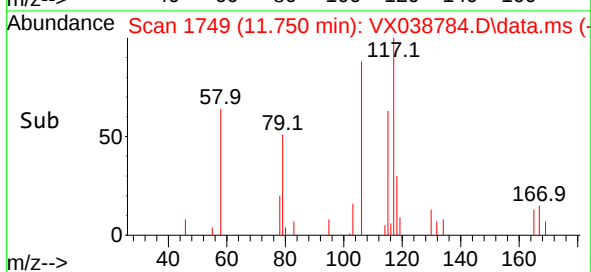
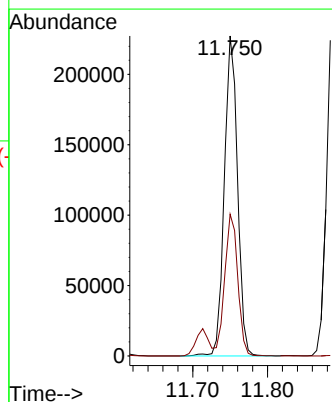
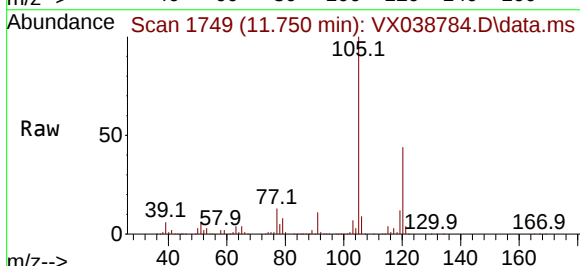
Acq: 13 Nov 2023 16:53

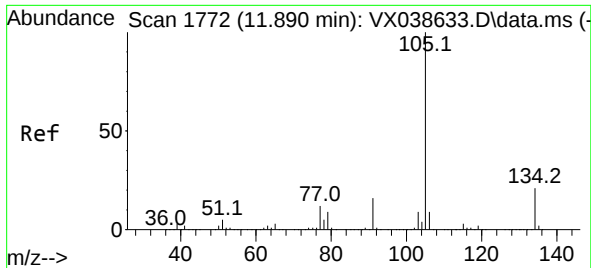
Tgt Ion:105 Resp: 279282

Ion Ratio Lower Upper

105 100

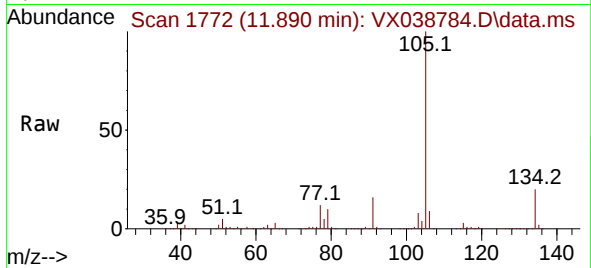
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 57.801 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53

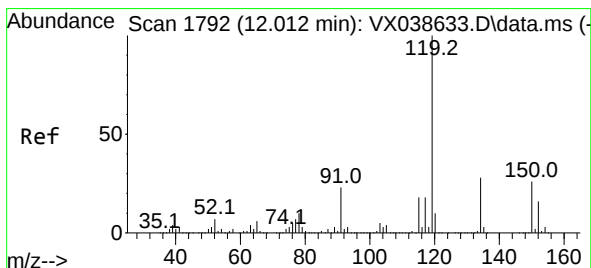
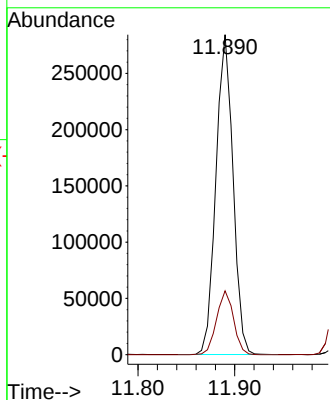
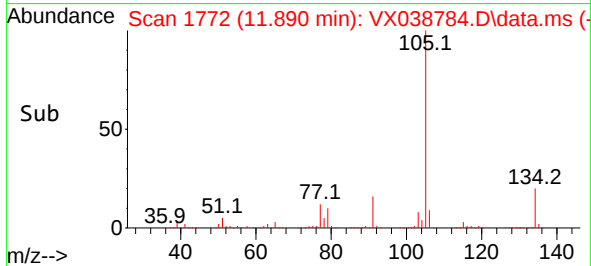
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 34780
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

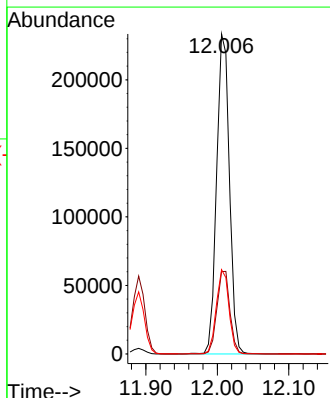
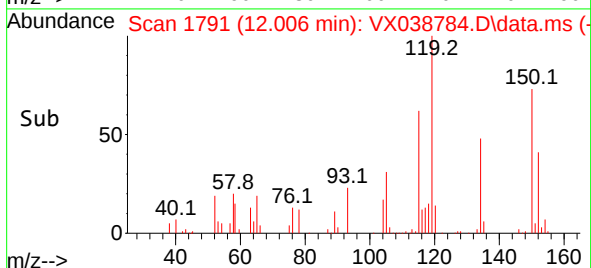
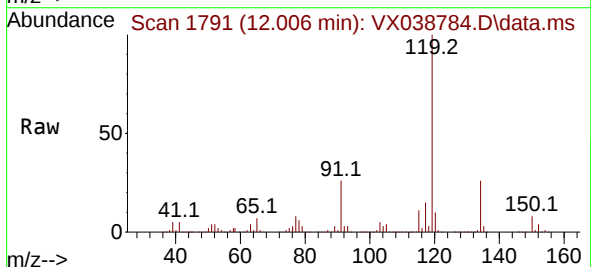
Manual Integrations
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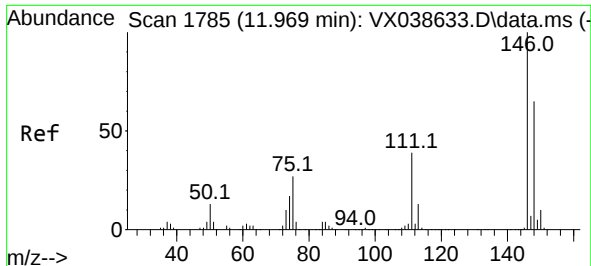
Reviewed By :John Carlone 11/14/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 56.557 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038784.D
 Acq: 13 Nov 2023 16:53

Tgt Ion:119 Resp: 289915
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.358 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 149018

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

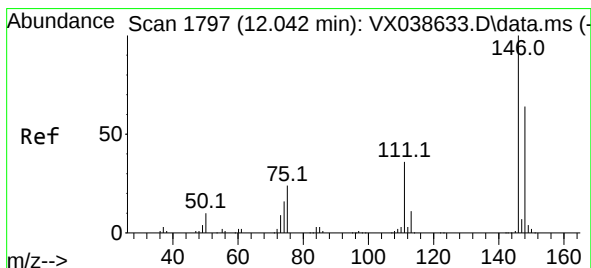
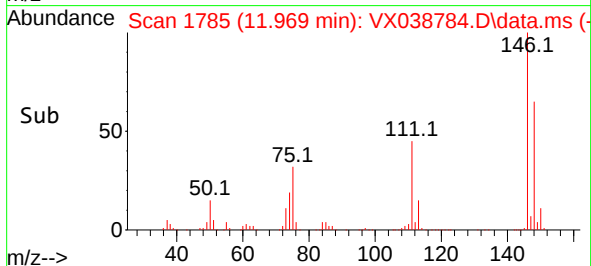
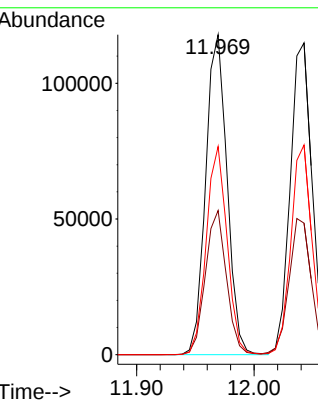
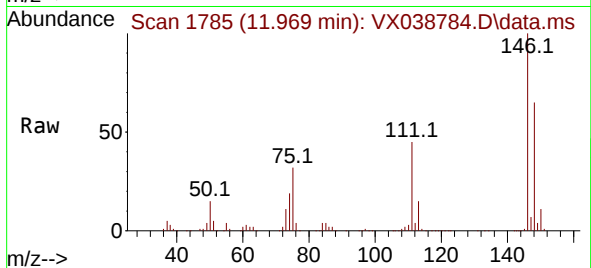
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 49.786 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

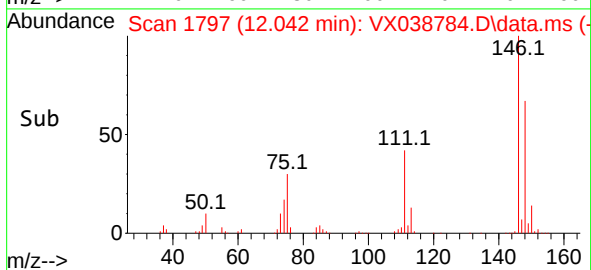
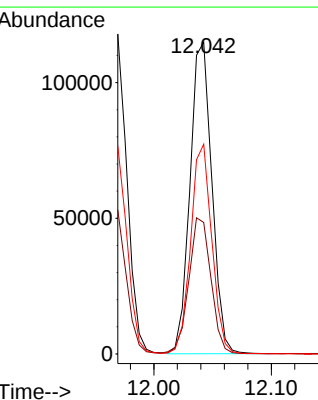
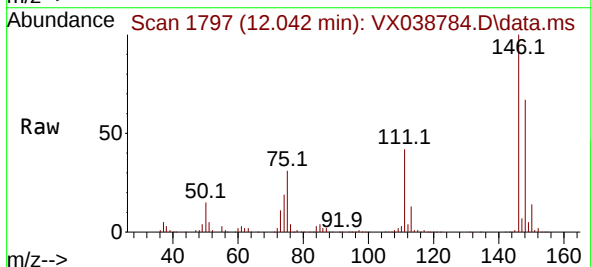
Tgt Ion:146 Resp: 148482

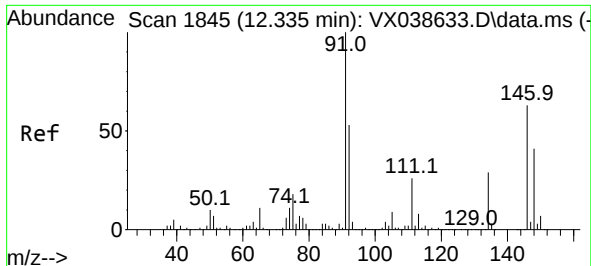
Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

148 65.4 31.8 95.4





#89

n-Butylbenzene

Concen: 58.547 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 26706

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

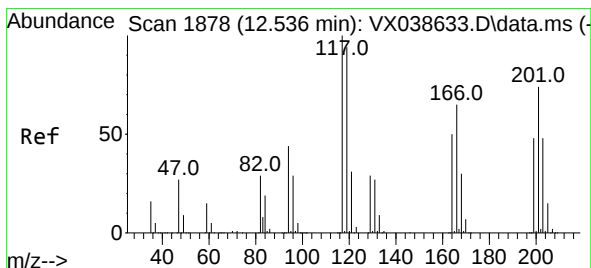
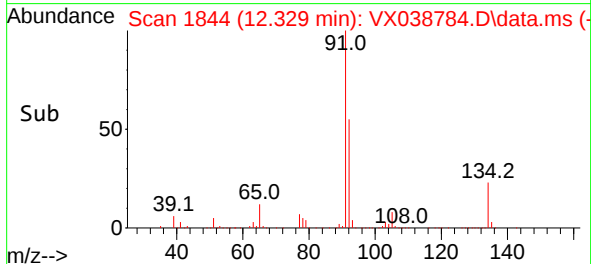
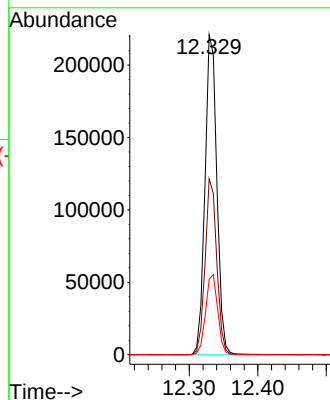
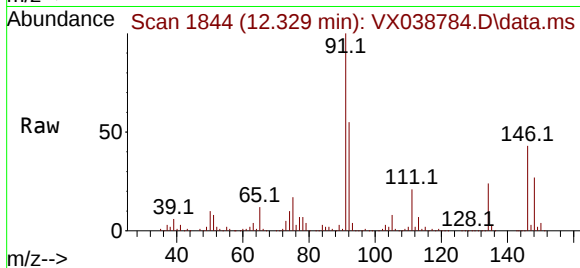
134 25.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#90

Hexachloroethane

Concen: 58.438 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038784.D

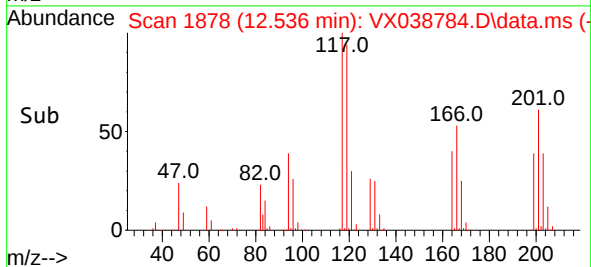
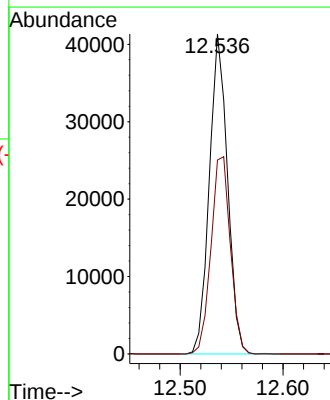
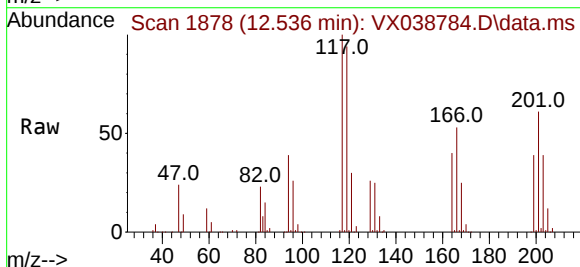
Acq: 13 Nov 2023 16:53

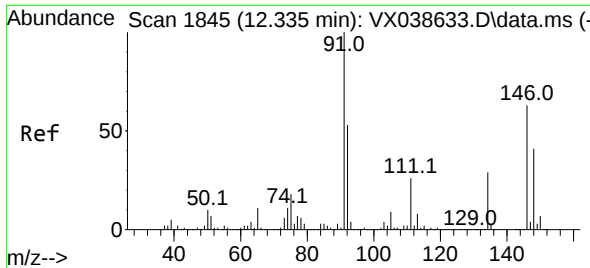
Tgt Ion:117 Resp: 50741

Ion Ratio Lower Upper

117 100

201 65.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.624 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

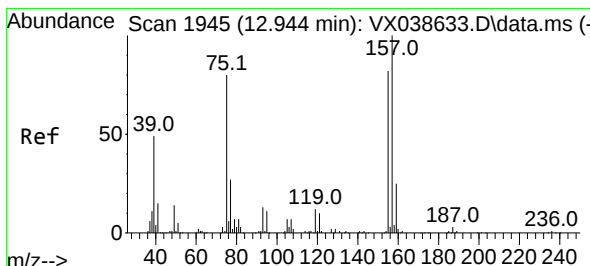
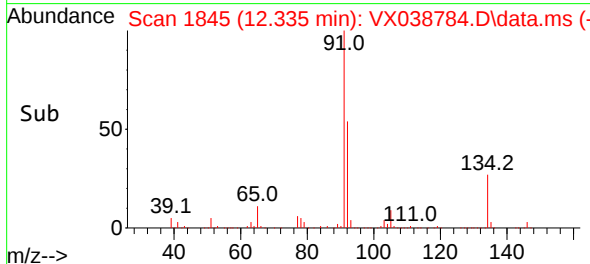
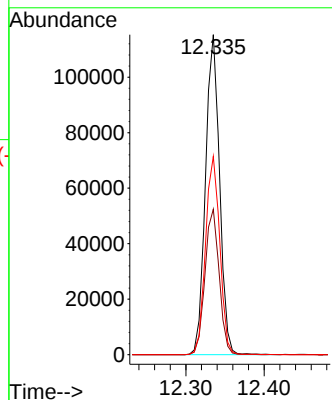
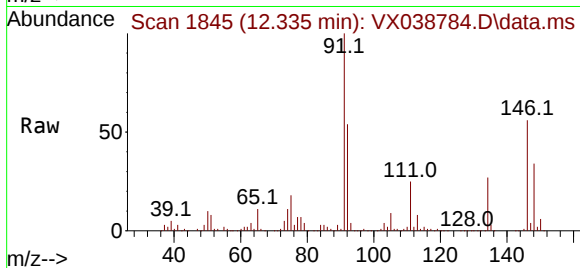
VSTDCCC050EC

Tgt Ion:146 Resp: 14345
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 62.9 31.6 95.0

Manual Integrations

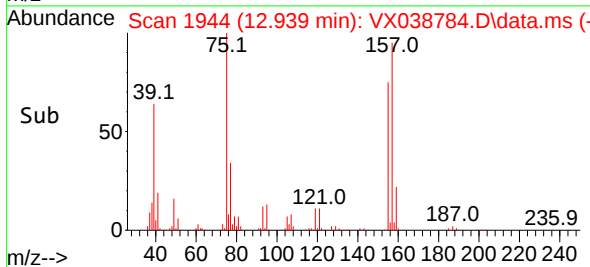
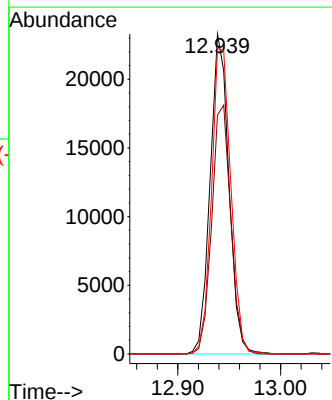
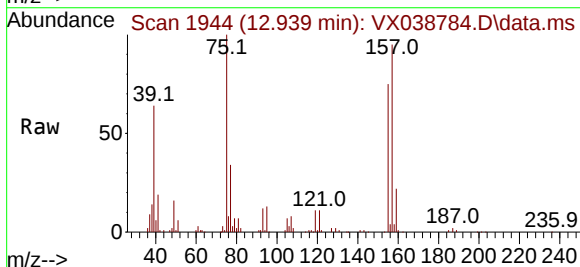
APPROVED

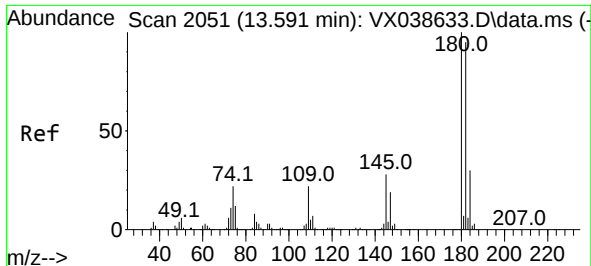
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.306 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion: 75 Resp: 29456
Ion Ratio Lower Upper
75 100
155 79.2 36.1 108.5
157 98.7 44.9 134.7





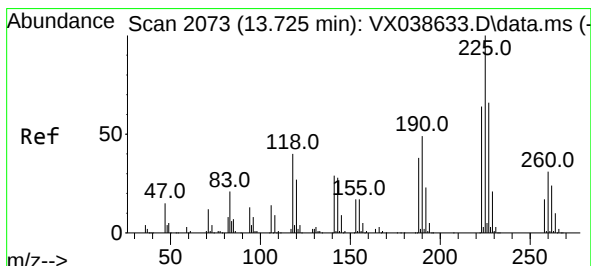
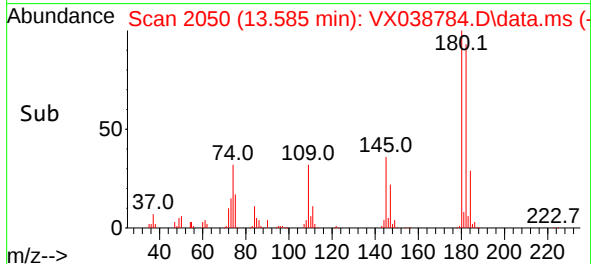
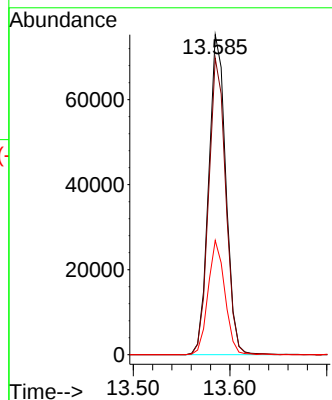
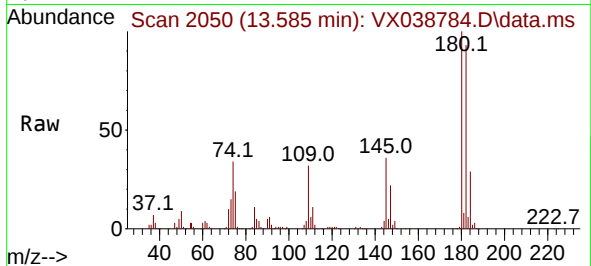
#93
1,2,4-Trichlorobenzene
Concen: 45.878 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 92985
Ion Ratio Lower Upper
180 100
182 92.4 48.3 144.8
145 34.9 18.0 54.0

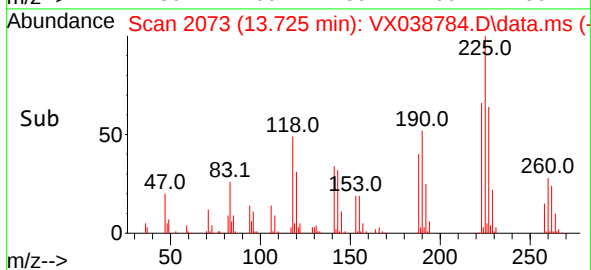
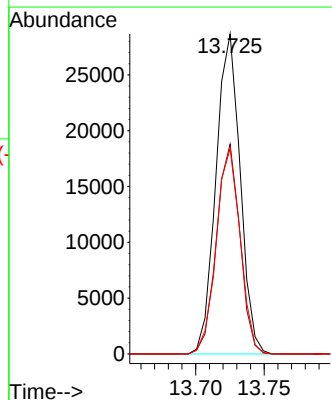
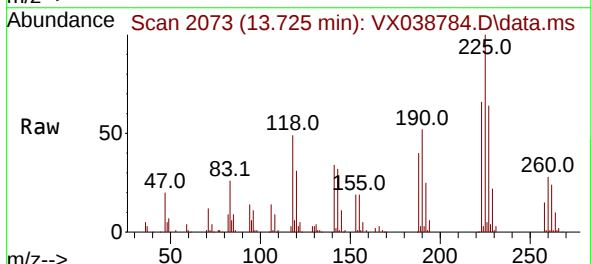
Manual Integrations
APPROVED

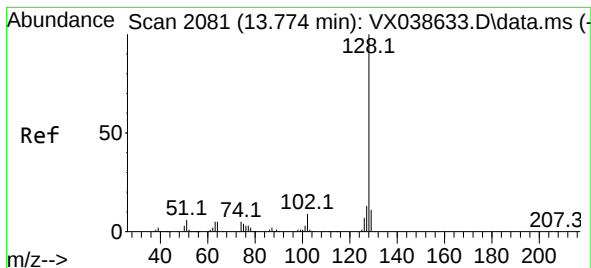
Reviewed By :John Carlone 11/14/2023
Supervised By :Mahesh Dadoda 11/15/2023



#94
Hexachlorobutadiene
Concen: 40.269 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038784.D
Acq: 13 Nov 2023 16:53

Tgt Ion:225 Resp: 35218
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.3 32.5 97.5





#95

Naphthalene

Concen: 55.082 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

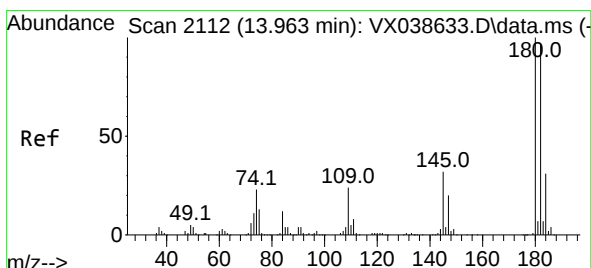
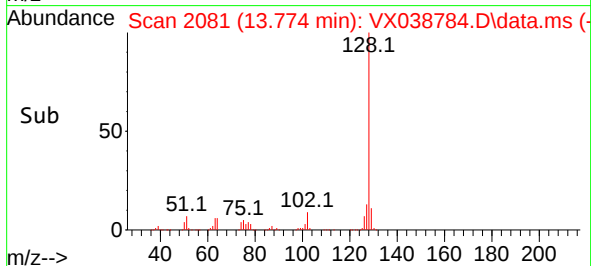
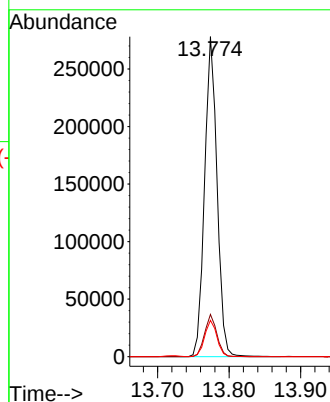
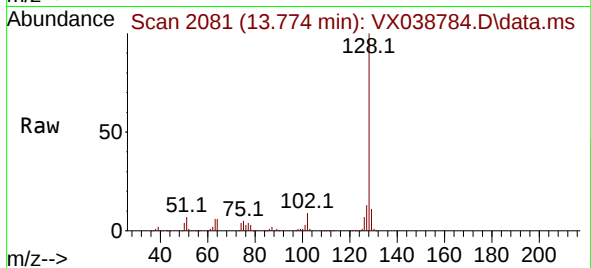
Tgt Ion:	128	Resp:	336754
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2023

Supervised By :Mahesh Dadoda 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.836 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX038784.D

Acq: 13 Nov 2023 16:53

Tgt Ion:	180	Resp:	89570
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.9	140.6
145	37.2	17.8	53.5

