

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038448.D
 Acq On : 24 Oct 2023 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:05:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168435	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	271873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115089	42.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.960%		
35) Dibromofluoromethane	5.379	113	101483	51.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.600%		
50) Toluene-d8	8.647	98	358177	47.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	143920	50.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	95362	58.654	ug/l	99
3) Chloromethane	1.295	50	84806	51.178	ug/l	97
4) Vinyl Chloride	1.374	62	95994	52.248	ug/l	97
5) Bromomethane	1.599	94	121686	50.437	ug/l	97
6) Chloroethane	1.679	64	66031	49.200	ug/l	96
7) Trichlorofluoromethane	1.886	101	182583	50.312	ug/l	100
8) Diethyl Ether	2.130	74	63639	47.020	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	99141	62.579	ug/l	97
10) Methyl Iodide	2.453	142	123939	54.372	ug/l	94
11) Tert butyl alcohol	2.953	59	146553	244.827	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	90247	58.562	ug/l	83
13) Acrolein	2.233	56	108984	282.974	ug/l	100
14) Allyl chloride	2.660	41	138144	50.117	ug/l	# 94
15) Acrylonitrile	3.056	53	306757	248.812	ug/l	99
16) Acetone	2.374	43	299078	264.514	ug/l	92
17) Carbon Disulfide	2.508	76	211085	47.525	ug/l	100
18) Methyl Acetate	2.697	43	254798	52.550	ug/l	# 90
19) Methyl tert-butyl Ether	3.111	73	322734	52.584	ug/l	98
20) Methylene Chloride	2.788	84	106054	49.866	ug/l	# 85
21) trans-1,2-Dichloroethene	3.087	96	102320	53.626	ug/l	88
22) Diisopropyl ether	3.757	45	290455	50.278	ug/l	# 87
23) Vinyl Acetate	3.715	43	1052704	248.483	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	177793	50.712	ug/l	98
25) 2-Butanone	4.544	43	445764	244.347	ug/l	93
26) 2,2-Dichloropropane	4.471	77	148668	54.313	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	121617	53.519	ug/l	87
28) Bromochloromethane	4.891	49	71488	45.169	ug/l	# 76
29) Tetrahydrofuran	4.995	42	274380	231.011	ug/l	# 86
30) Chloroform	5.093	83	204344	53.300	ug/l	97
31) Cyclohexane	5.465	56	143694	48.955	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	176003	53.598	ug/l	97
36) 1,1-Dichloropropene	5.690	75	141367	52.330	ug/l	96
37) Ethyl Acetate	4.709	43	160760	50.107	ug/l	97
38) Carbon Tetrachloride	5.678	117	154452	58.119	ug/l	96
39) Methylcyclohexane	7.379	83	177577	56.120	ug/l	92
40) Benzene	6.038	78	413272	54.696	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82537	51.714	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	155328	51.453	ug/l	97
43) Isopropyl Acetate	6.336	43	245691	51.298	ug/l #	95
44) Trichloroethene	7.123	130	119242	60.338	ug/l	97
45) 1,2-Dichloropropane	7.428	63	106625	54.523	ug/l	97
46) Dibromomethane	7.580	93	83944	55.345	ug/l	94
47) Bromodichloromethane	7.818	83	155193	57.517	ug/l	98
48) Methyl methacrylate	7.690	41	119213	52.139	ug/l #	84
49) 1,4-Dioxane	7.659	88	55780	990.010	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	858107	259.748	ug/l	95
52) Toluene	8.720	92	276377	56.152	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	166771	57.582	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	174826	57.454	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	119294	56.665	ug/l	97
56) Ethyl methacrylate	9.116	69	178275	55.231	ug/l	90
57) 1,3-Dichloropropane	9.305	76	187282	55.003	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	413707	261.113	ug/l	96
59) 2-Hexanone	9.427	43	701838	264.260	ug/l	93
60) Dibromochloromethane	9.519	129	127948	62.098	ug/l	99
61) 1,2-Dibromoethane	9.610	107	130166	57.175	ug/l	99
64) Tetrachloroethene	9.275	164	100698	59.291	ug/l	97
65) Chlorobenzene	10.080	112	314780	57.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	116041	62.509	ug/l	99
67) Ethyl Benzene	10.195	91	555922	56.731	ug/l	98
68) m/p-Xylenes	10.299	106	435624	114.970	ug/l	97
69) o-Xylene	10.640	106	211672	57.239	ug/l	97
70) Styrene	10.653	104	357915	59.431	ug/l	95
71) Bromoform	10.799	173	96835	55.873	ug/l #	100
73) Isopropylbenzene	10.964	105	567263	54.926	ug/l	98
74) N-amyl acetate	10.842	43	231581	52.508	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	205253	54.161	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	187571m	53.576	ug/l	
77) Bromobenzene	11.195	156	142240	56.412	ug/l	87
78) n-propylbenzene	11.305	91	682035	54.008	ug/l	99
79) 2-Chlorotoluene	11.366	91	390492	52.140	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	491281	55.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57017	47.751	ug/l	92
82) 4-Chlorotoluene	11.451	91	465674	52.546	ug/l	95
83) tert-Butylbenzene	11.713	119	491336	56.434	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	491034	55.272	ug/l	97
85) sec-Butylbenzene	11.890	105	636322	56.421	ug/l	99
86) p-Isopropyltoluene	12.006	119	533662	57.352	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	286249	56.521	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	287151	55.537	ug/l	97
89) n-Butylbenzene	12.329	91	505688	54.568	ug/l	97
90) Hexachloroethane	12.536	117	90233	58.487	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	276729	56.845	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46810	51.087	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	191173	58.550	ug/l	97
94) Hexachlorobutadiene	13.725	225	83750	63.729	ug/l	99
95) Naphthalene	13.774	128	615913	54.167	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	184234	58.274	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

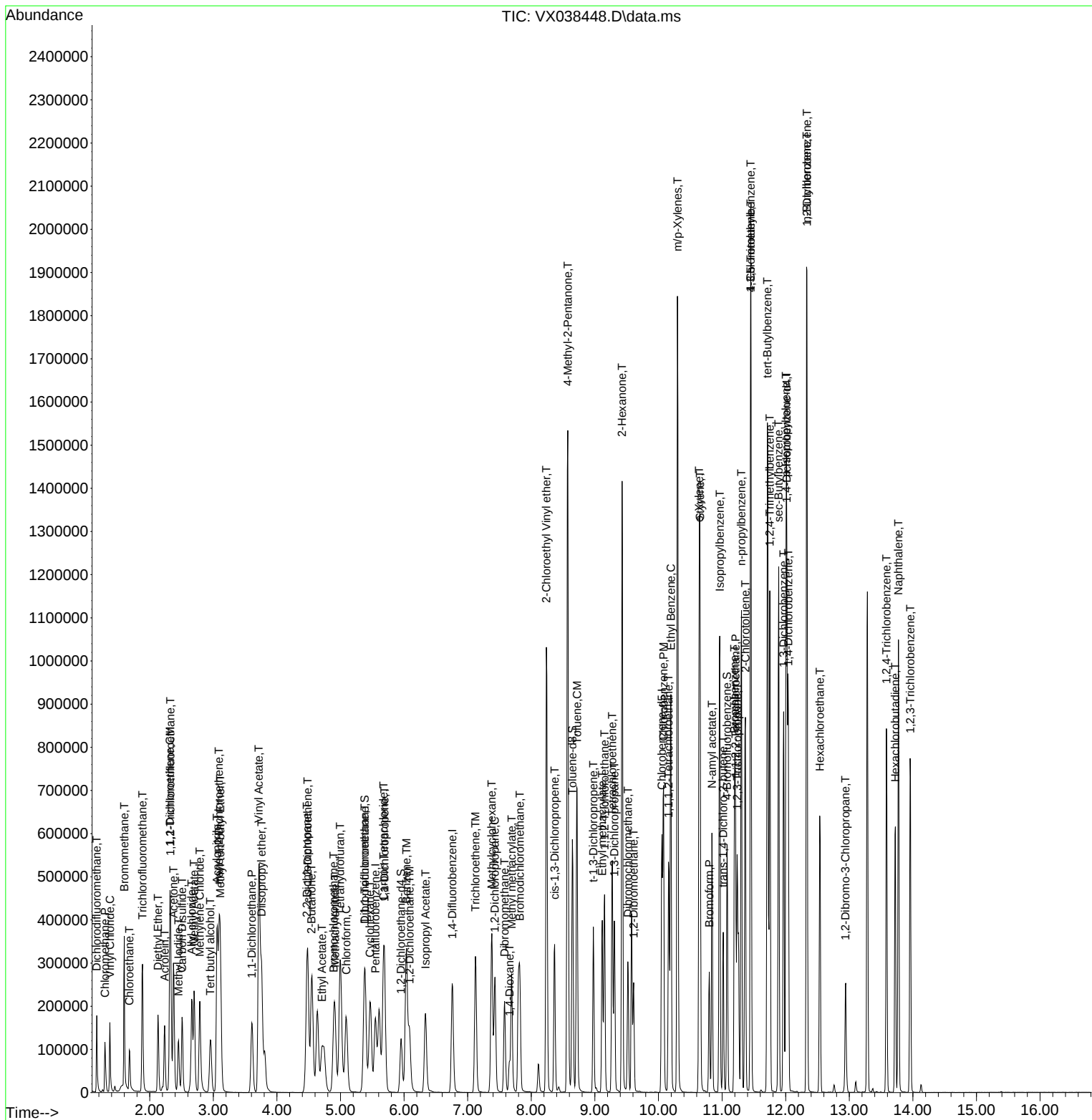
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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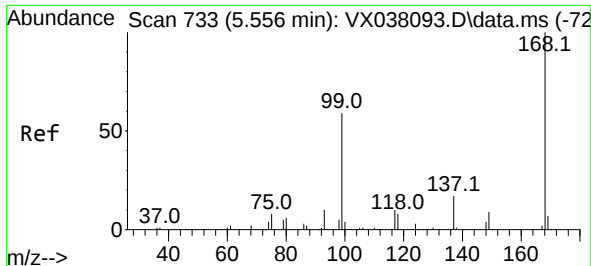
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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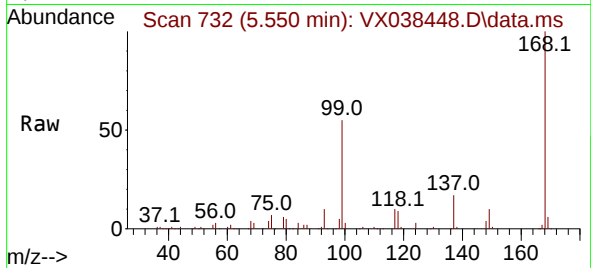
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

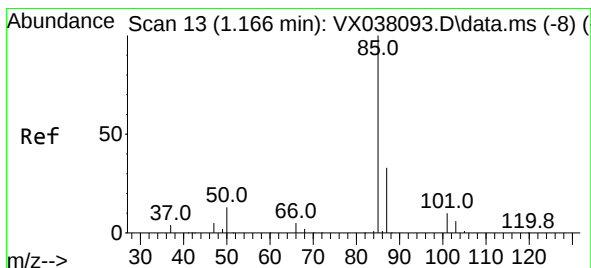
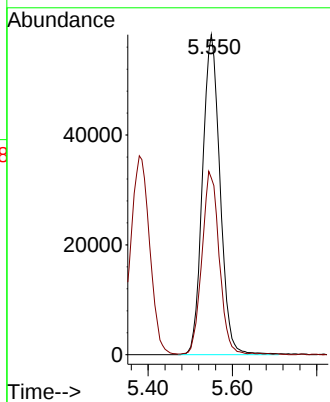
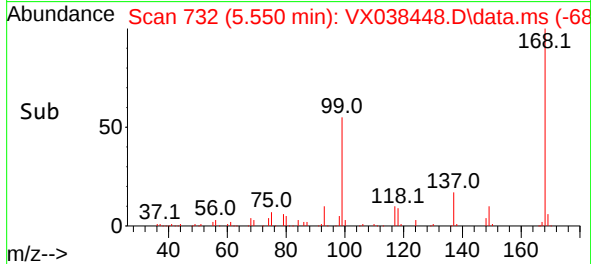
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 16843
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0

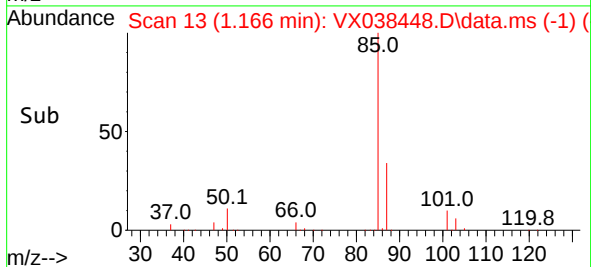
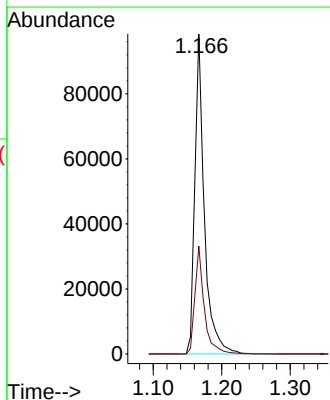
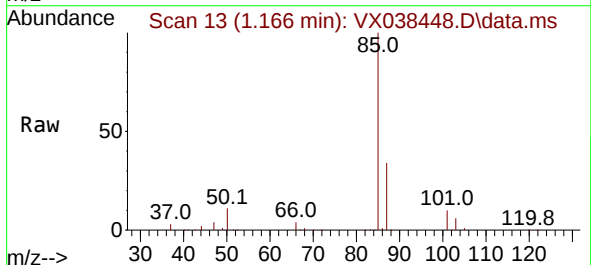
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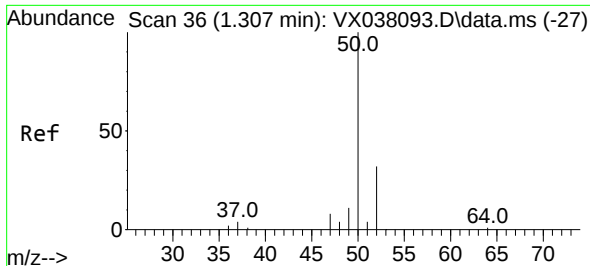
Reviewed By :John Carlone 10/25/2023
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#2
Dichlorodifluoromethane
Concen: 58.654 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 85 Resp: 95362
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





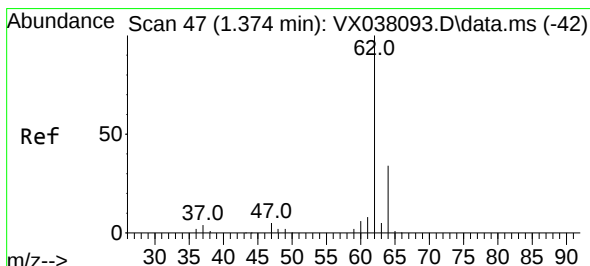
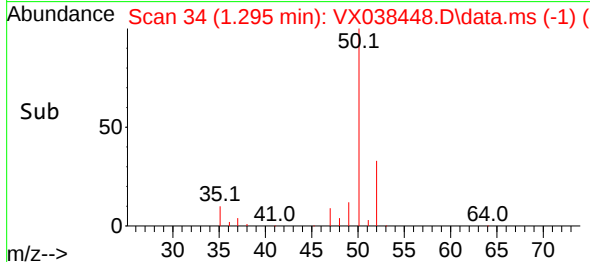
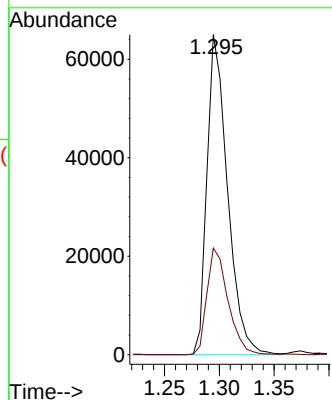
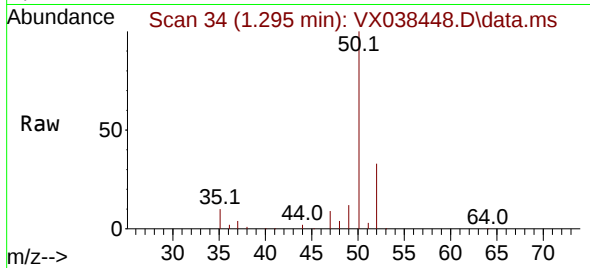
#3
Chloromethane
Concen: 51.178 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 84800
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

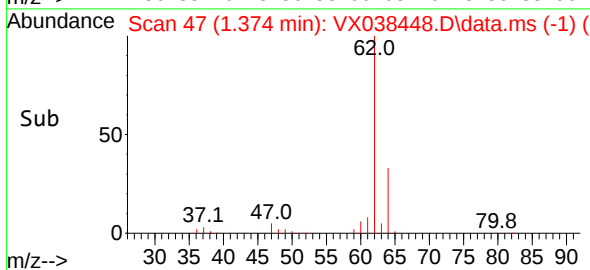
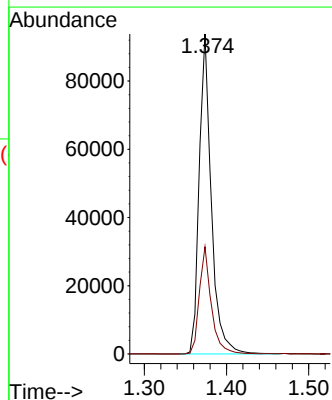
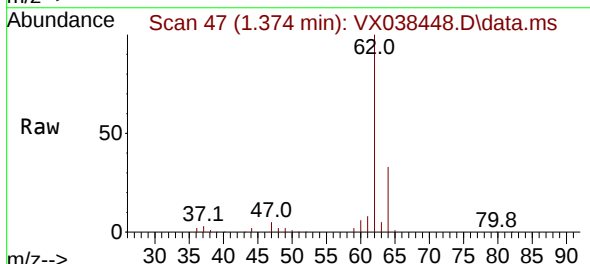
Manual Integrations
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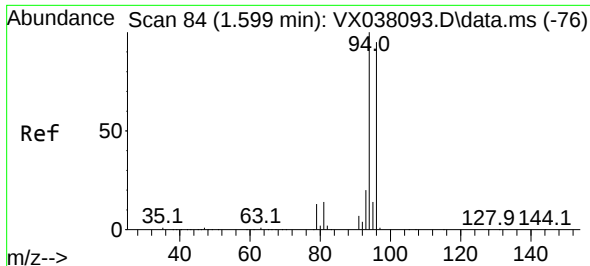
Reviewed By :John Carlone 10/25/2023
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#4
Vinyl Chloride
Concen: 52.248 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

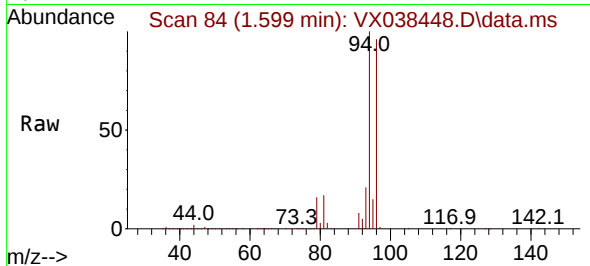
Tgt Ion: 62 Resp: 95994
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 50.437 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

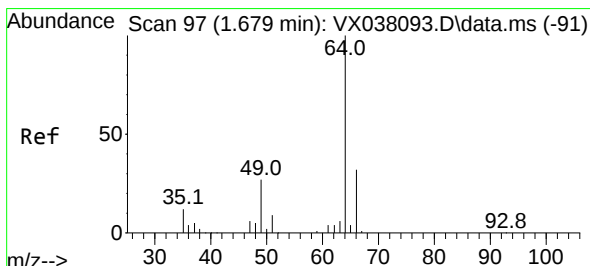
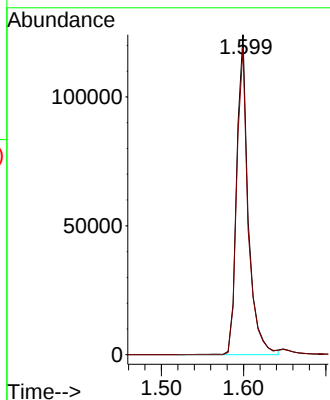
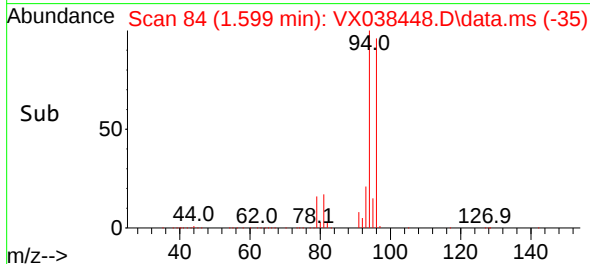
Instrument :
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Tgt Ion: 94 Resp: 121680
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

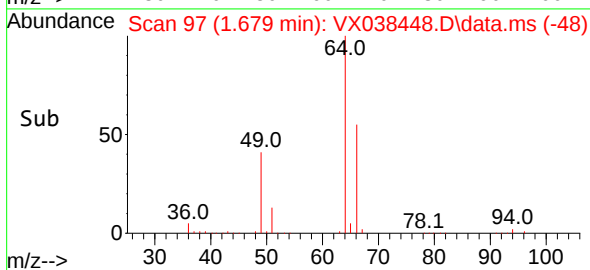
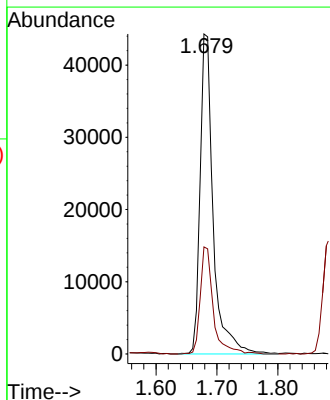
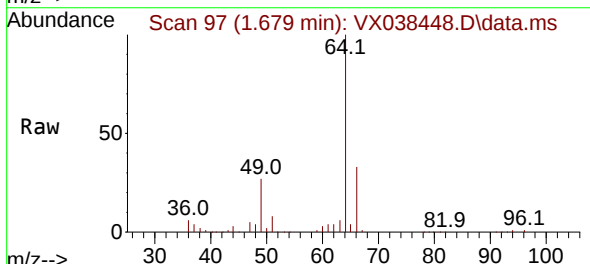
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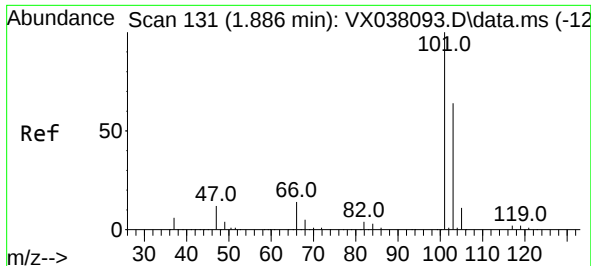
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#6
Chloroethane
Concen: 49.200 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 64 Resp: 66031
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7





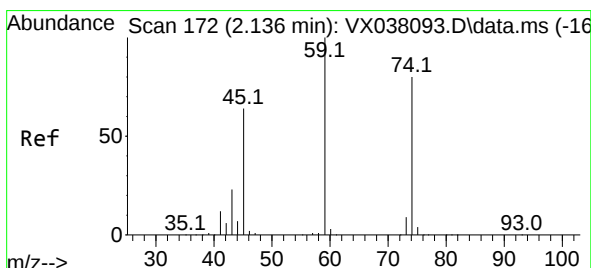
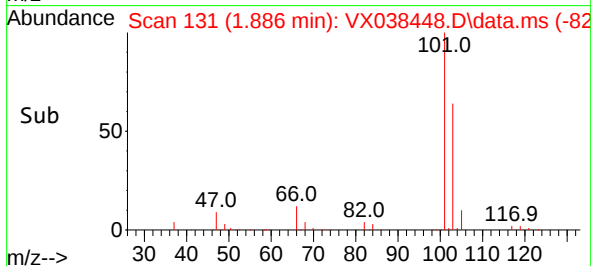
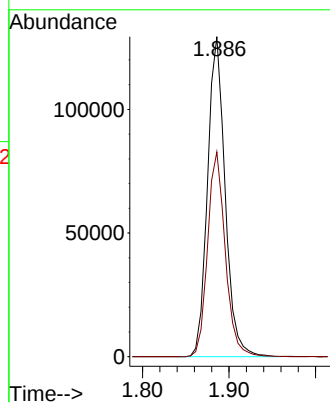
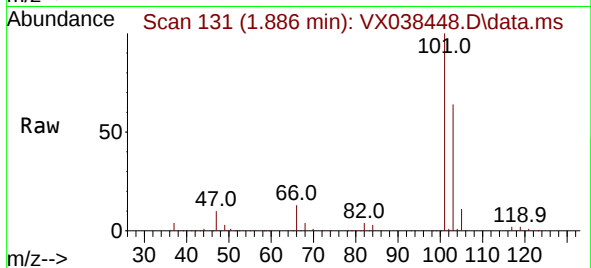
#7
Trichlorofluoromethane
Concen: 50.312 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18258
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

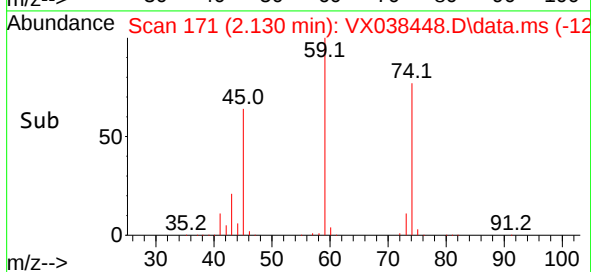
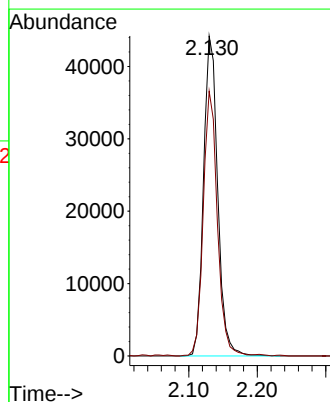
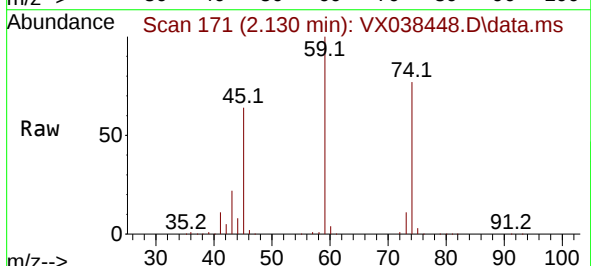
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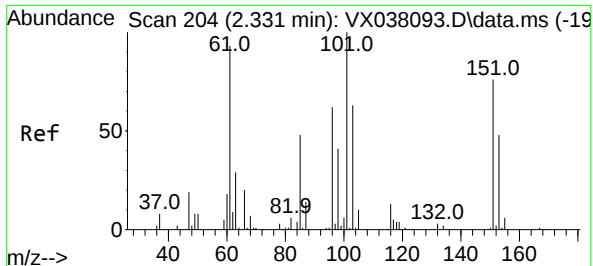
Reviewed By :John Carlone 10/25/2023
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#8
Diethyl Ether
Concen: 47.020 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 74 Resp: 63639
Ion Ratio Lower Upper
74 100
45 82.6 53.3 159.8





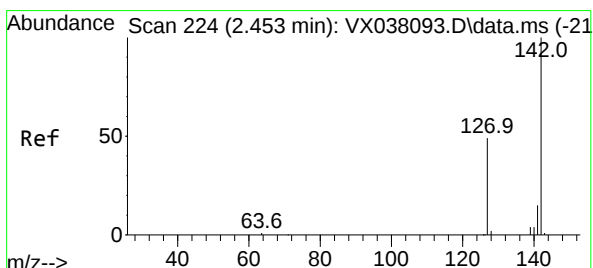
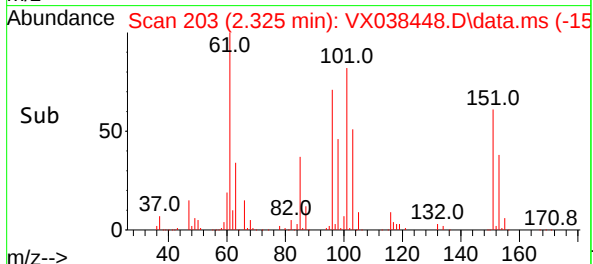
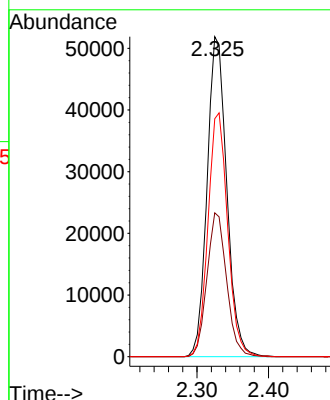
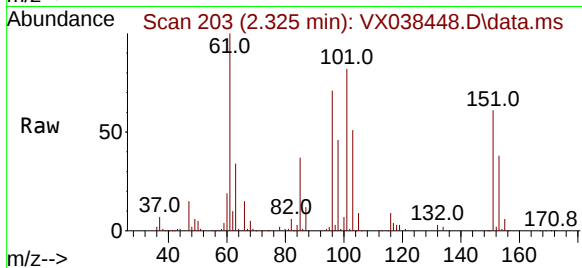
#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.579 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9914
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 76.2 58.6 87.8

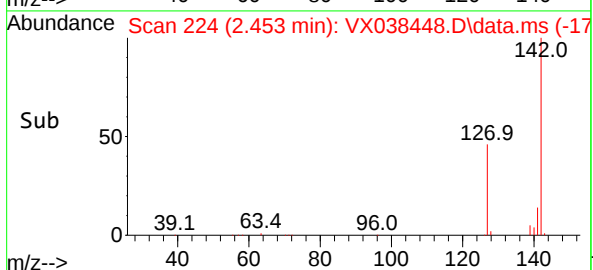
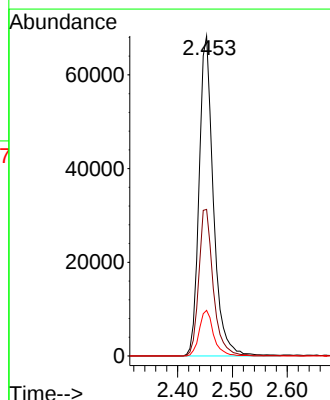
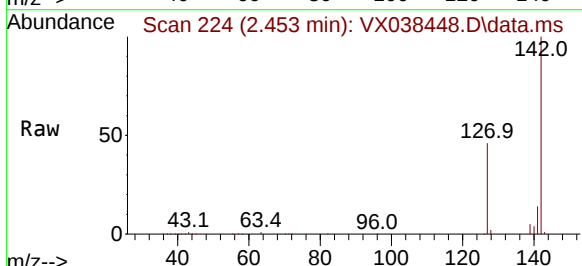
Manual Integrations
APPROVED

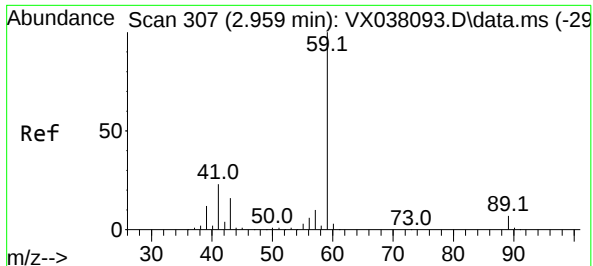
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 54.372 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

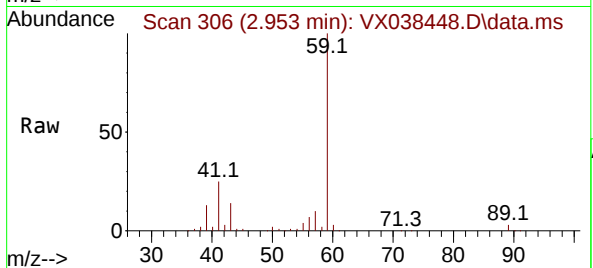
Tgt Ion:142 Resp: 123939
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 244.827 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

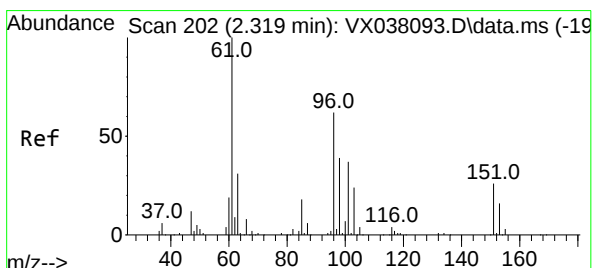
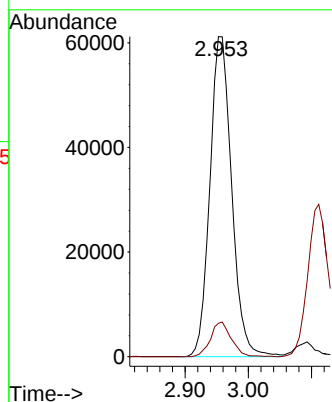
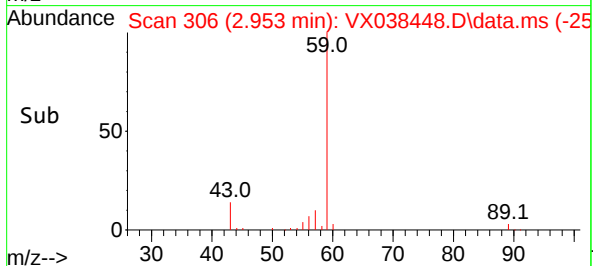
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 14655
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

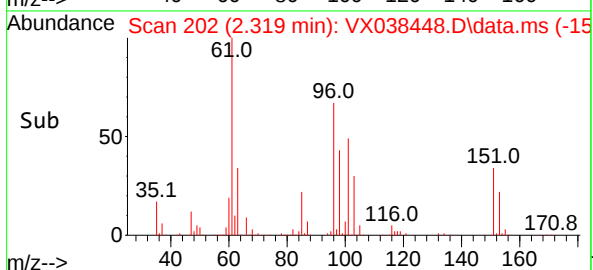
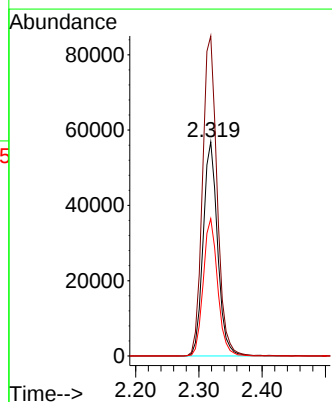
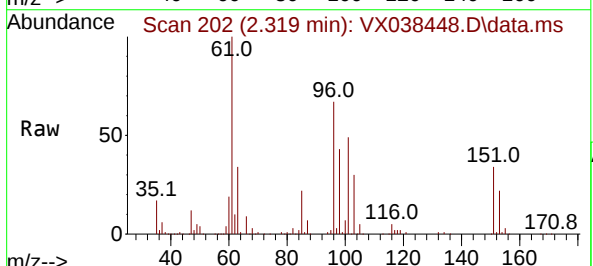
Manual Integrations
APPROVED

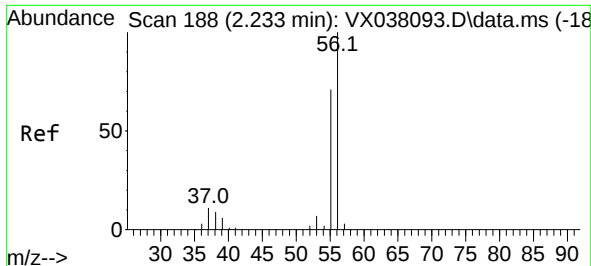
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1-Dichloroethene
Concen: 58.562 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

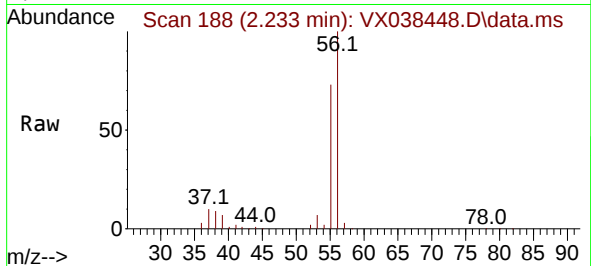
Tgt Ion: 96 Resp: 90247
Ion Ratio Lower Upper
96 100
61 149.5 144.6 216.8
98 64.1 50.4 75.6





#13
Acrolein
Concen: 282.974 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

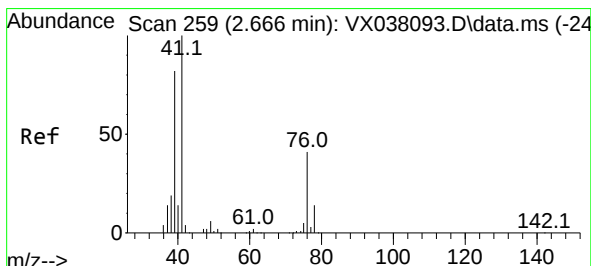
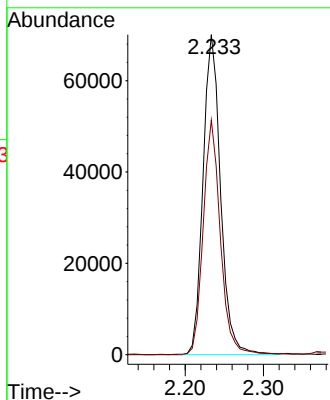
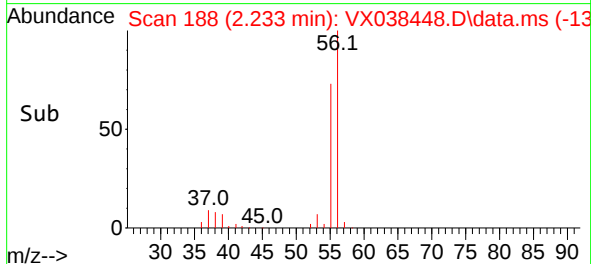
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108984
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

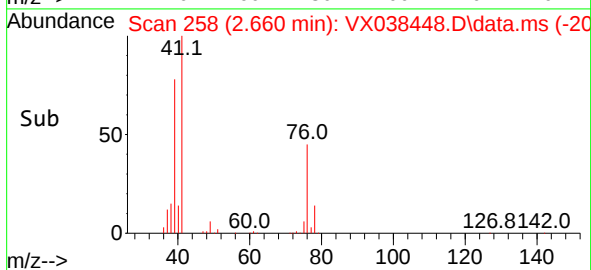
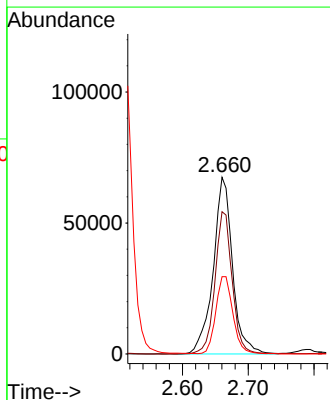
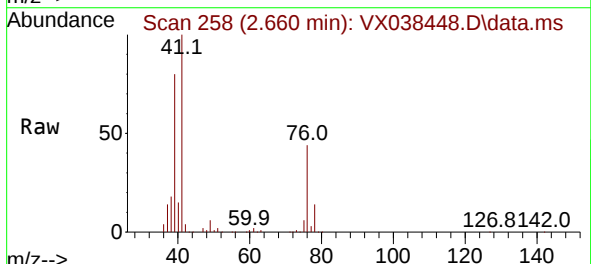
Manual Integrations
APPROVED

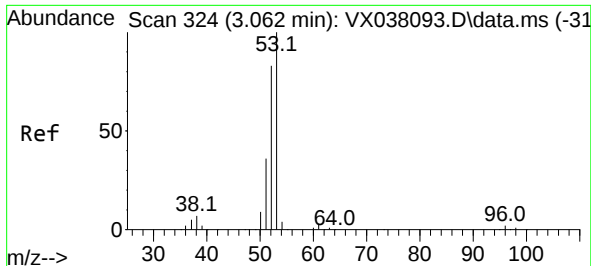
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#14
Allyl chloride
Concen: 50.117 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

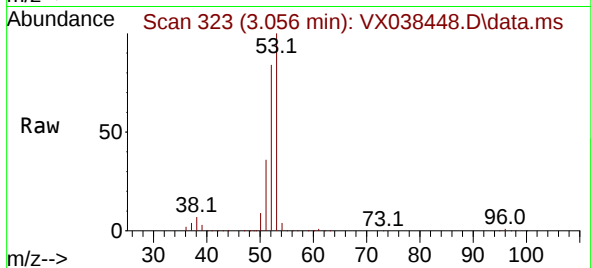
Tgt Ion: 41 Resp: 138144
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 38.9 24.3 36.5





#15
Acrylonitrile
Concen: 248.812 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

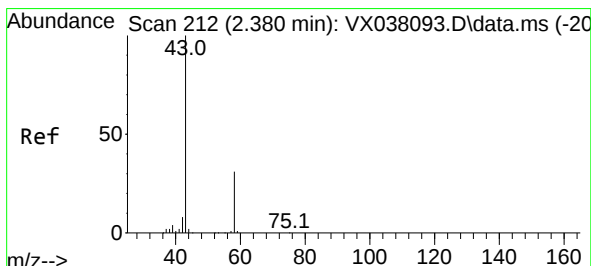
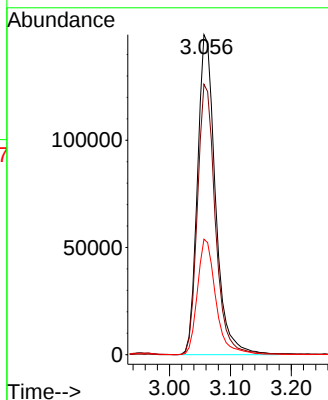
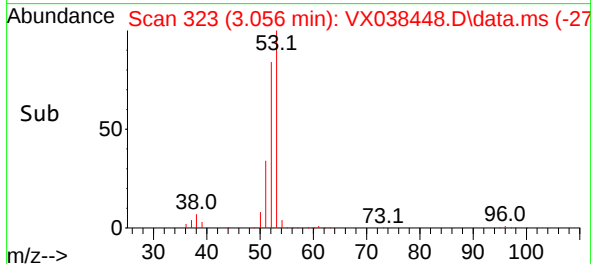
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 30675
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 37.0 29.8 44.6

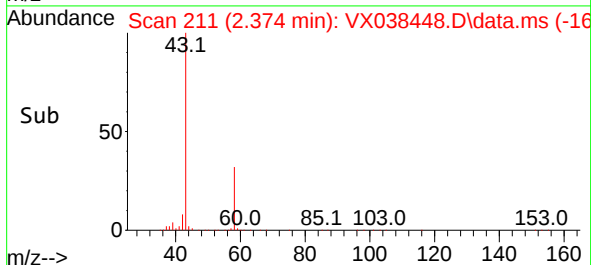
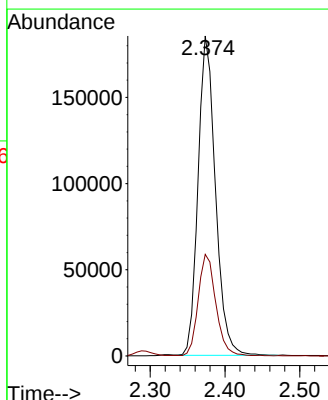
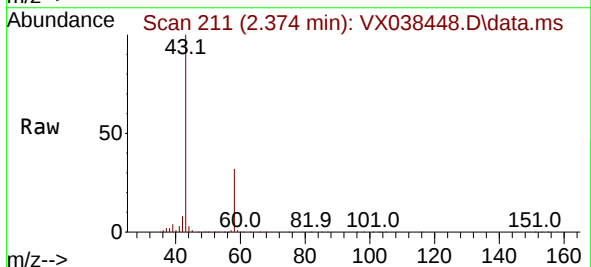
Manual Integrations
APPROVED

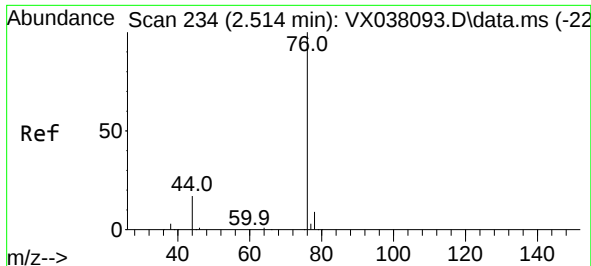
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#16
Acetone
Concen: 264.514 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 43 Resp: 299078
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





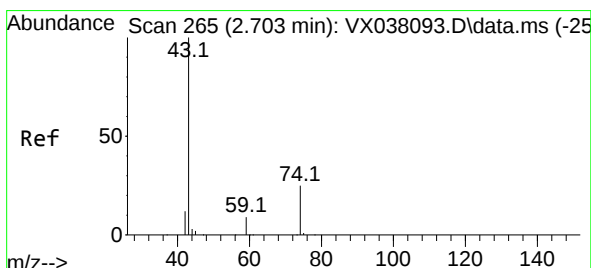
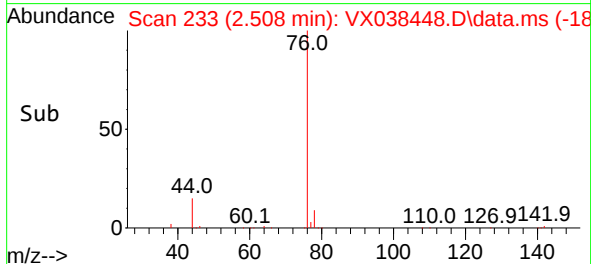
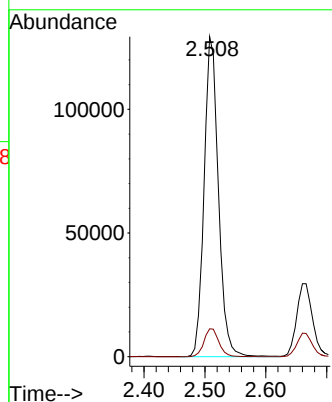
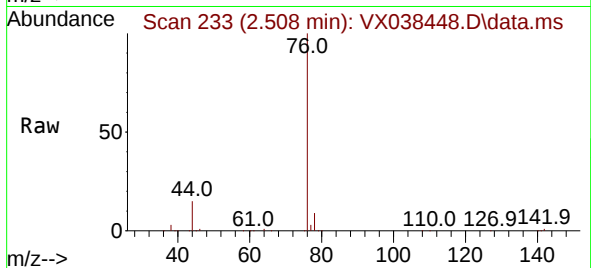
#17
Carbon Disulfide
Concen: 47.525 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 211085
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

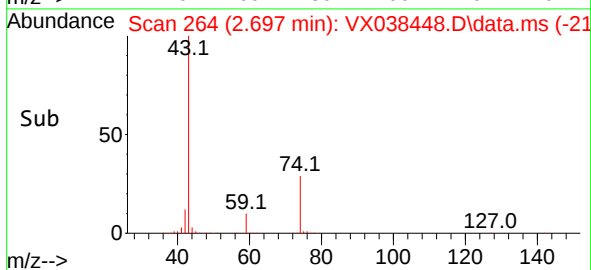
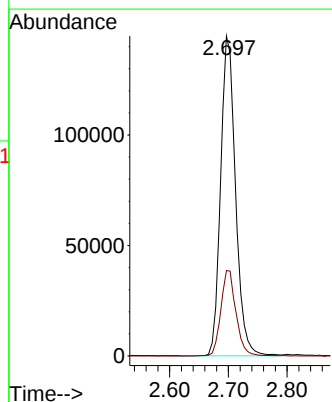
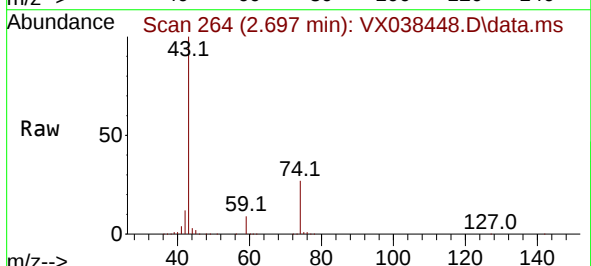
Manual Integrations
APPROVED

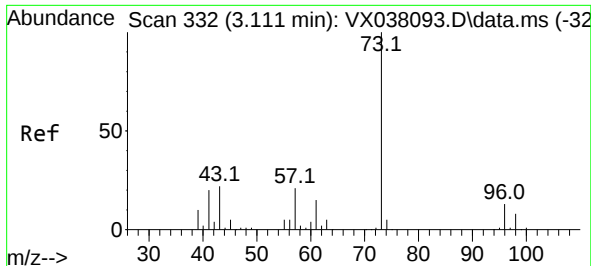
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 52.550 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 43 Resp: 254798
Ion Ratio Lower Upper
43 100
74 27.2 17.8 26.8#





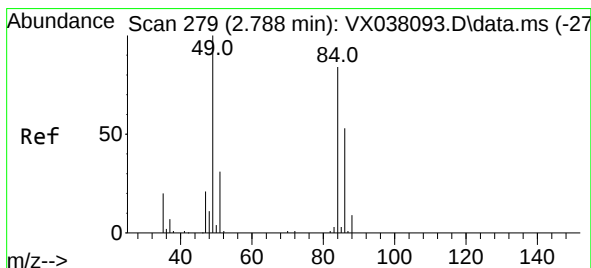
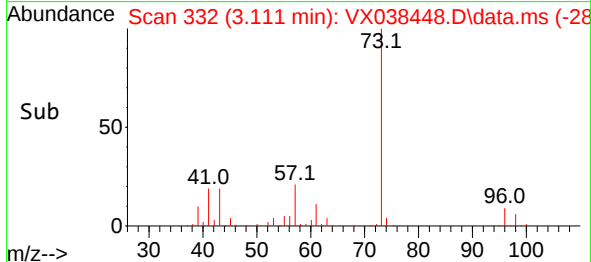
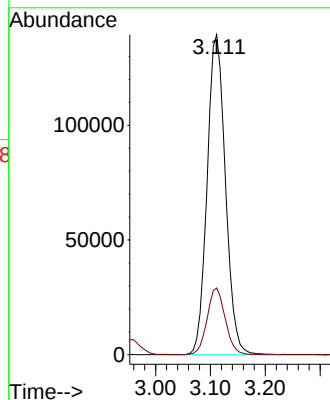
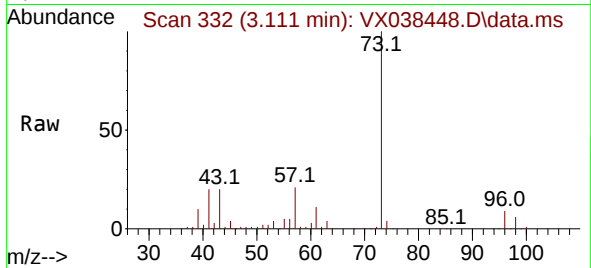
#19
Methyl tert-butyl Ether
Concen: 52.584 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 322734
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

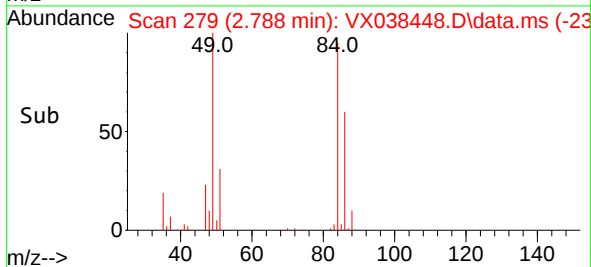
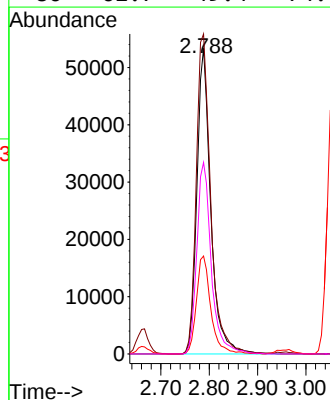
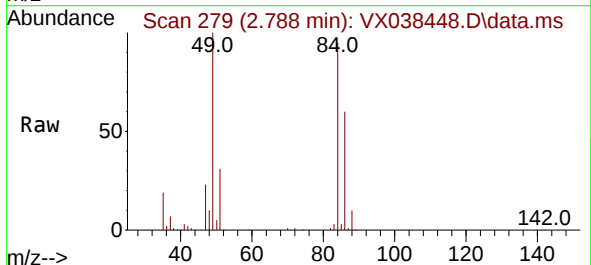
Manual Integrations
APPROVED

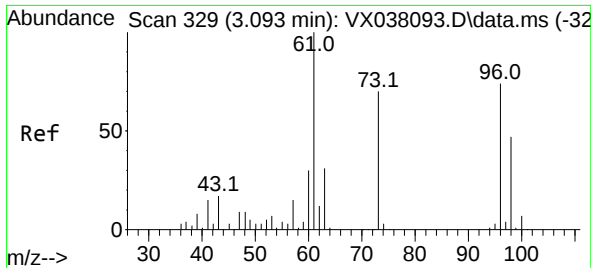
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 49.866 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

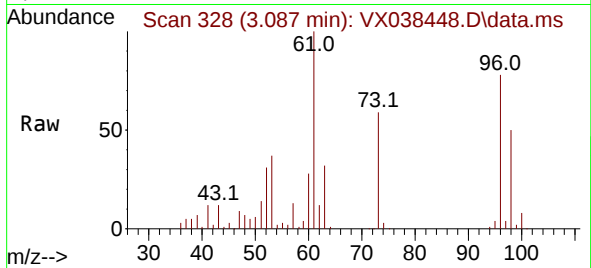
Tgt Ion: 84 Resp: 106054
Ion Ratio Lower Upper
84 100
49 104.8 103.6 155.4
51 32.1 33.8 50.6#
86 62.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.626 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

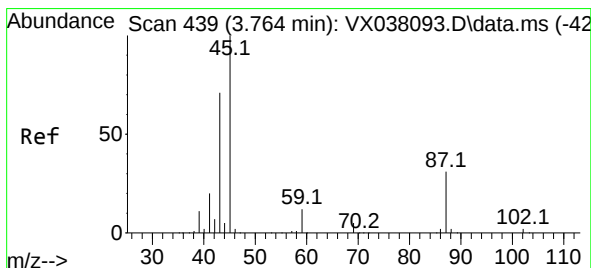
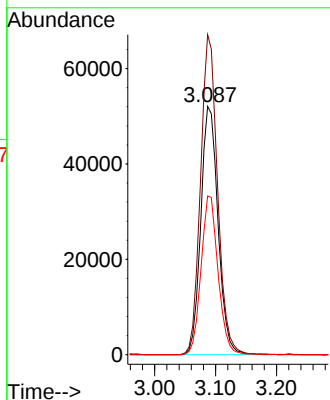
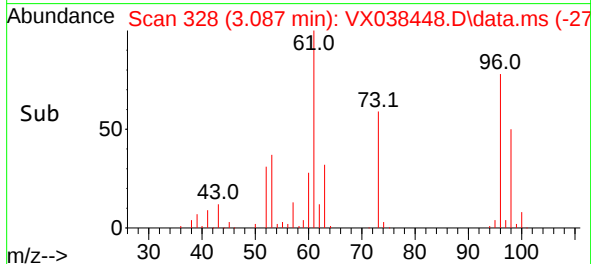
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



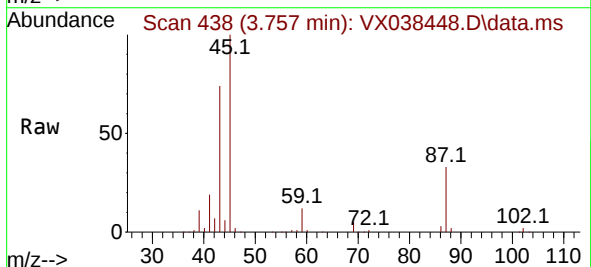
Tgt Ion: 96 Resp: 102320
Ion Ratio Lower Upper
96 100
61 128.9 119.2 178.8
98 63.9 48.7 73.1

Manual Integrations
APPROVED

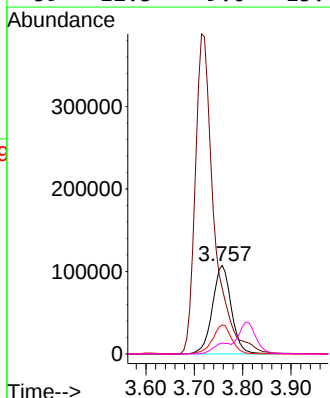
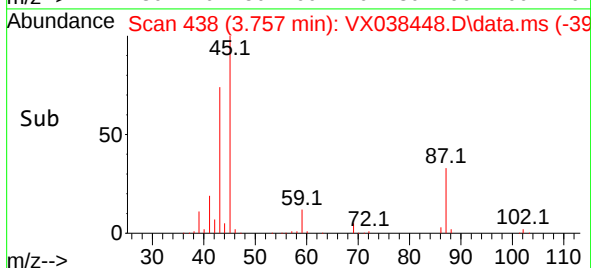
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

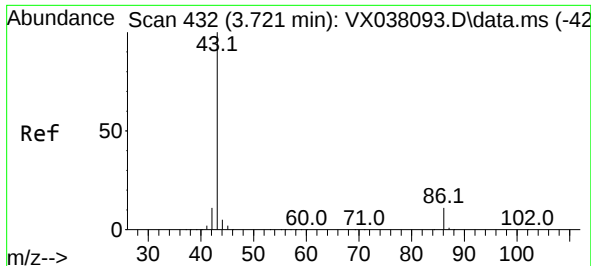


#22
Diisopropyl ether
Concen: 50.278 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



Tgt Ion: 45 Resp: 290455
Ion Ratio Lower Upper
45 100
43 74.1 69.7 104.5
87 32.8 20.8 31.2#
59 12.3 9.0 13.4





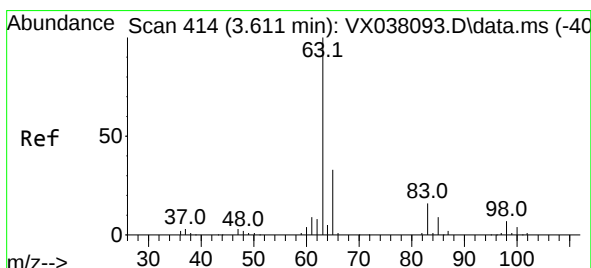
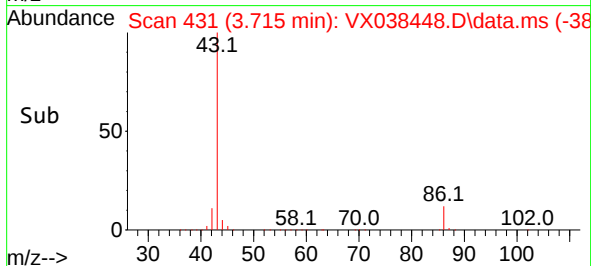
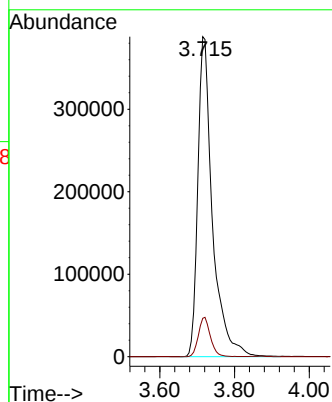
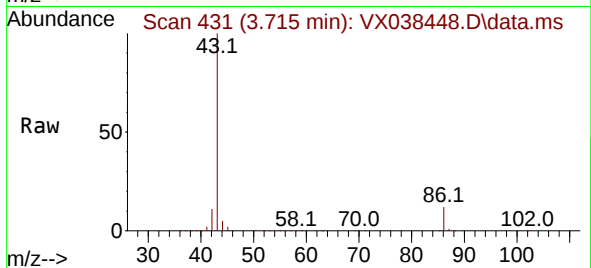
#23
 Vinyl Acetate
 Concen: 248.483 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1052704
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8

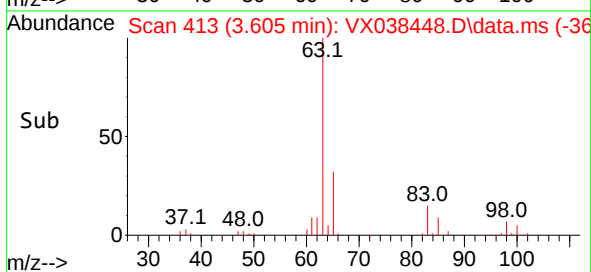
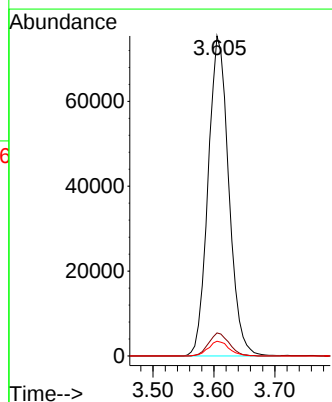
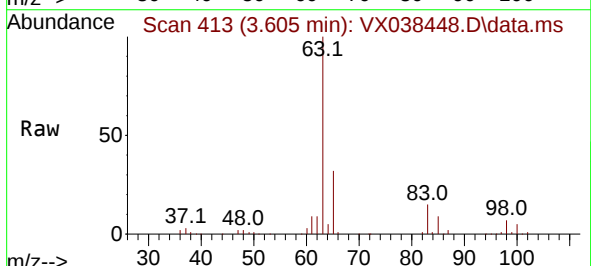
Manual Integrations
 APPROVED

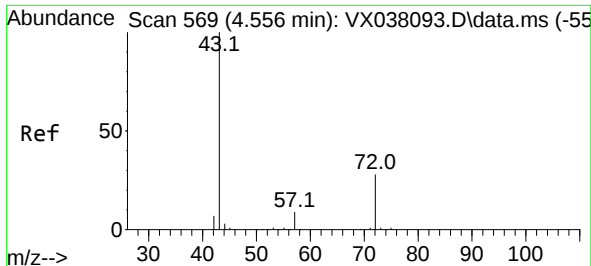
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#24
 1,1-Dichloroethane
 Concen: 50.712 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50

Tgt Ion: 63 Resp: 177793
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.6 2.1 6.5





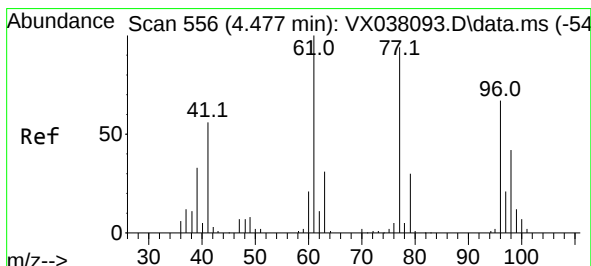
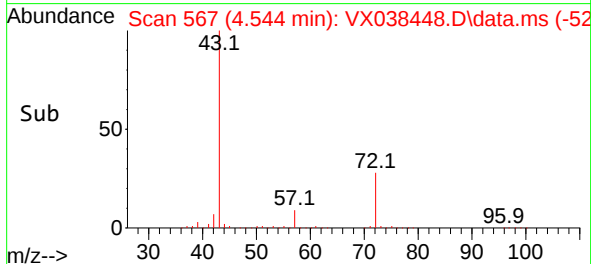
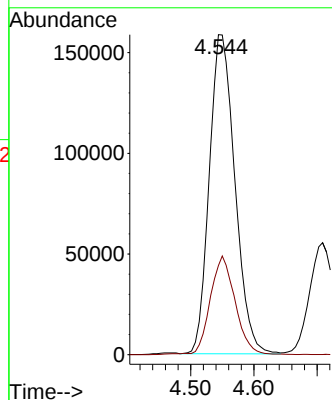
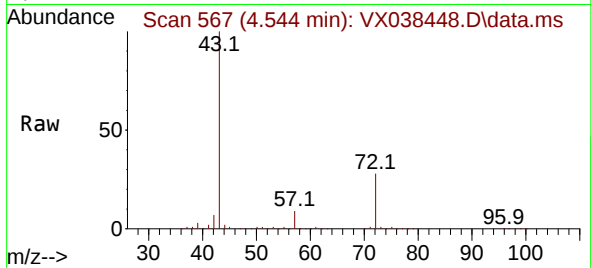
#25
2-Butanone
Concen: 244.347 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 445764
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2

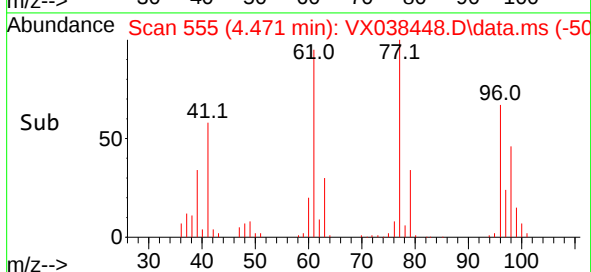
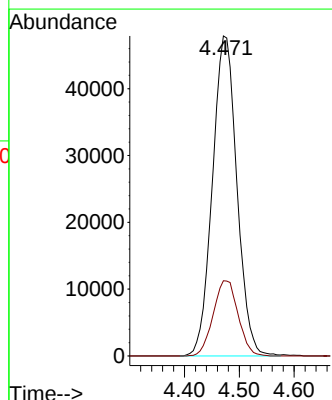
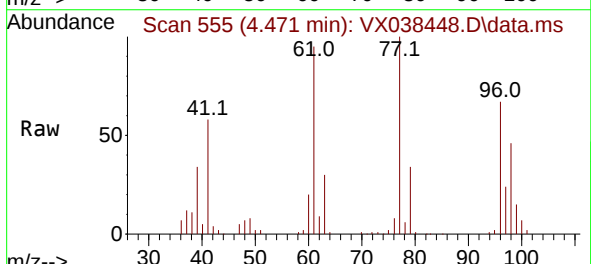
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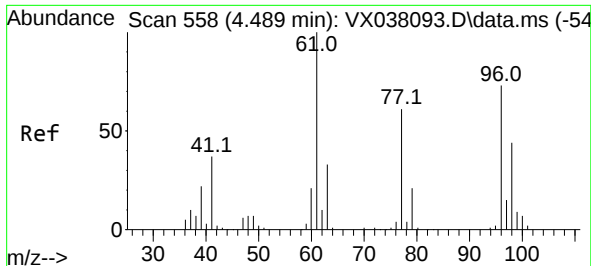
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#26
2,2-Dichloropropane
Concen: 54.313 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 77 Resp: 148668
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.519 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 12161

Ion Ratio Lower Upper

96 100

61 133.3 0.0 312.2

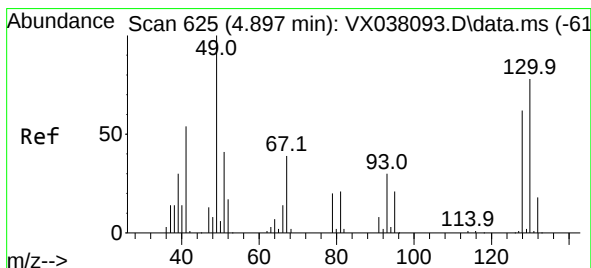
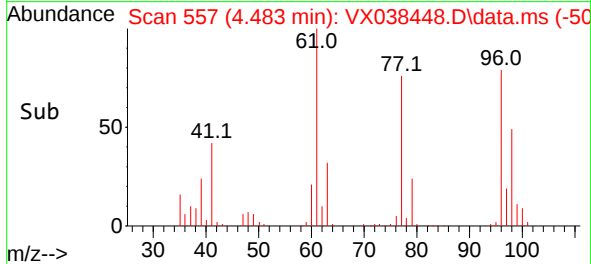
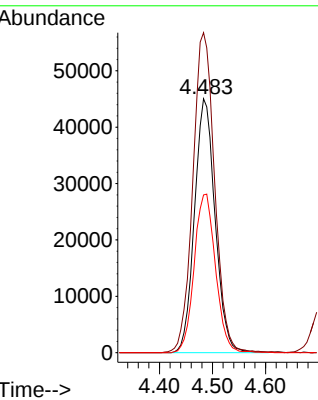
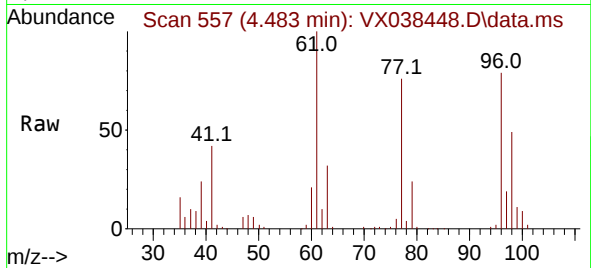
98 64.7 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#28

Bromochloromethane

Concen: 45.169 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

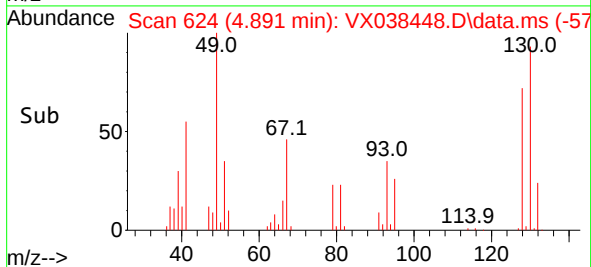
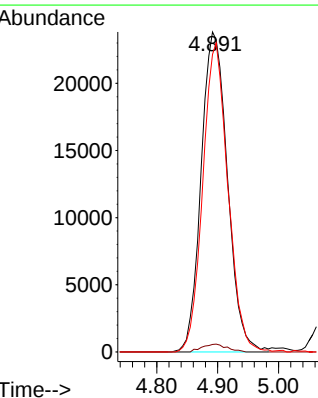
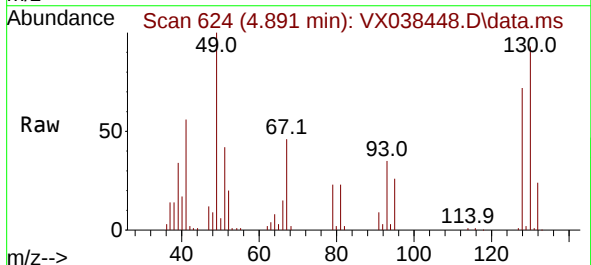
Tgt Ion: 49 Resp: 71488

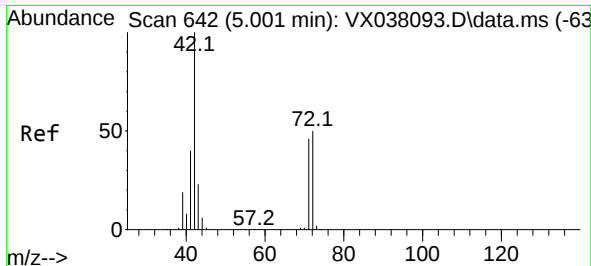
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 92.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 231.011 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 274380

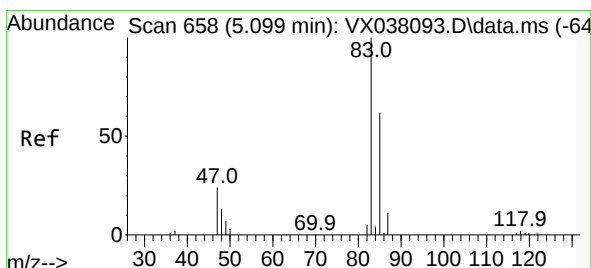
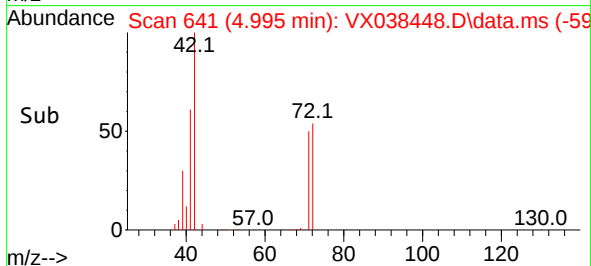
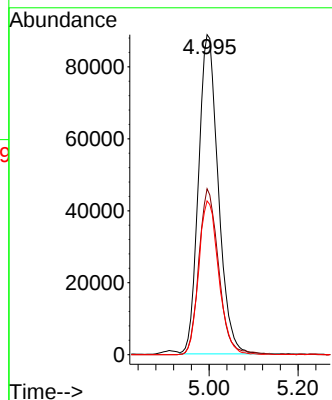
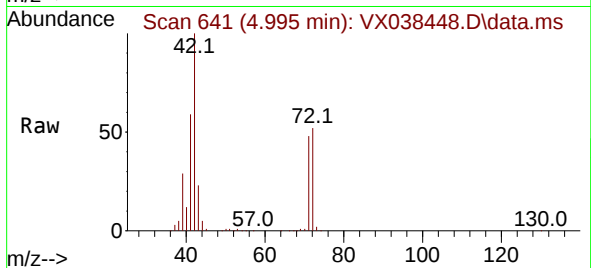
Ion	Ratio	Lower	Upper
42	100		
72	52.2	34.2	51.4
71	48.8	32.2	48.2

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 53.300 ug/l

RT: 5.093 min Scan# 657

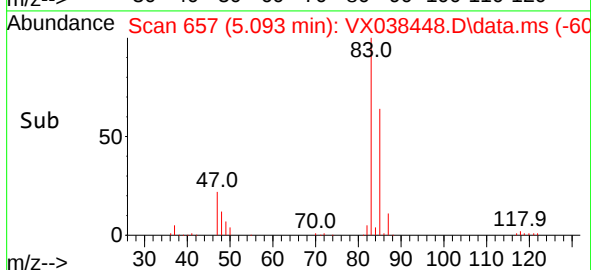
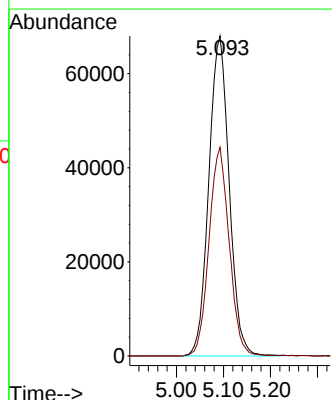
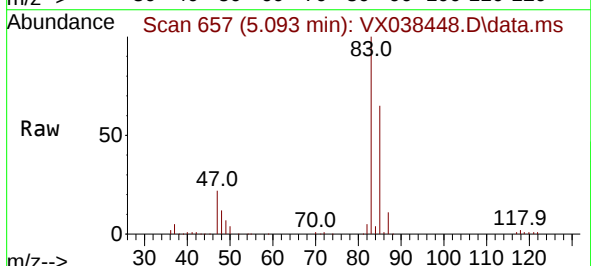
Delta R.T. -0.000 min

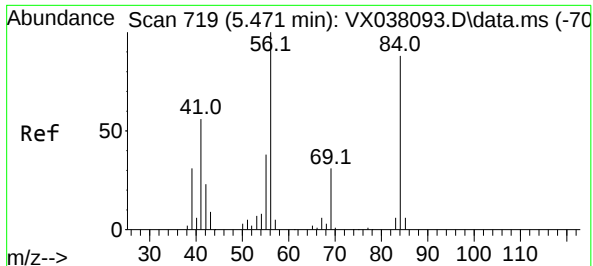
Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Tgt Ion: 83 Resp: 204344

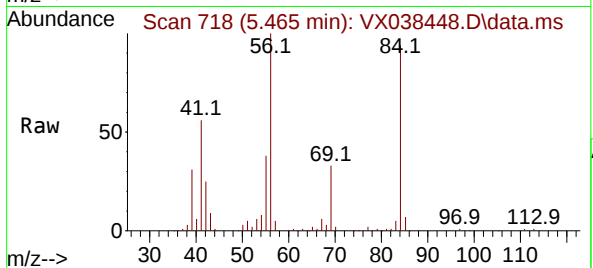
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5





#31
Cyclohexane
Concen: 48.955 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

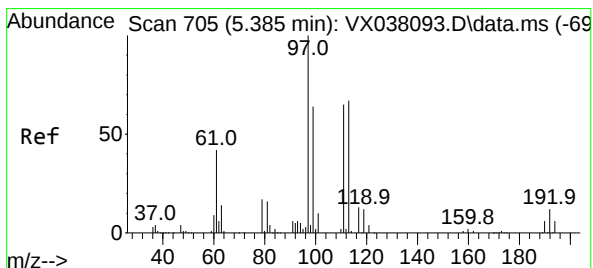
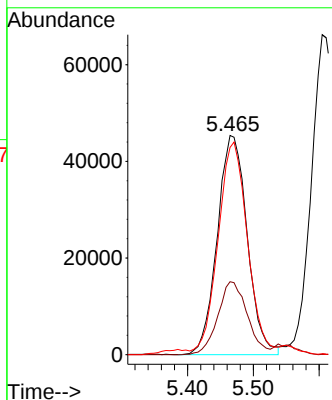
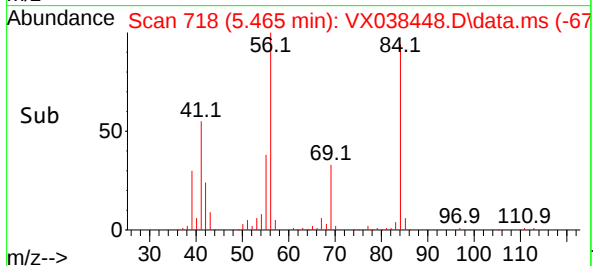
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



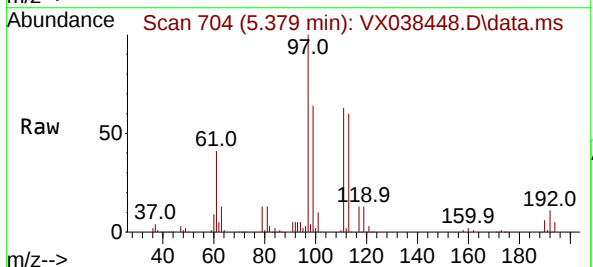
Tgt Ion: 56 Resp: 143694
Ion Ratio Lower Upper
56 100
69 33.3 23.4 35.2
84 92.1 65.9 98.9

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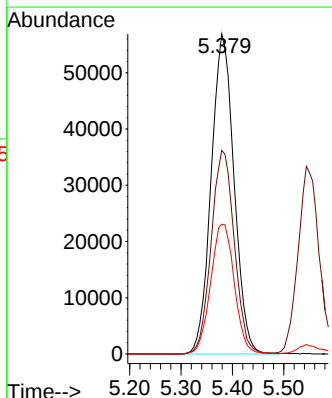
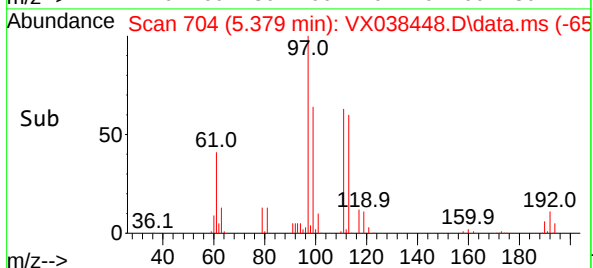
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

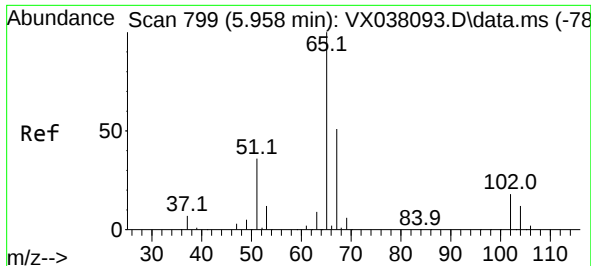


#32
1,1,1-Trichloroethane
Concen: 53.598 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



Tgt Ion: 97 Resp: 176003
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.481 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 115089

Ion Ratio Lower Upper

65 100

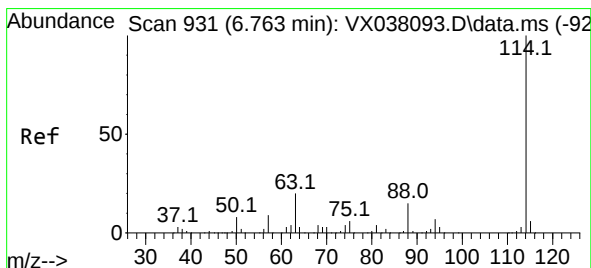
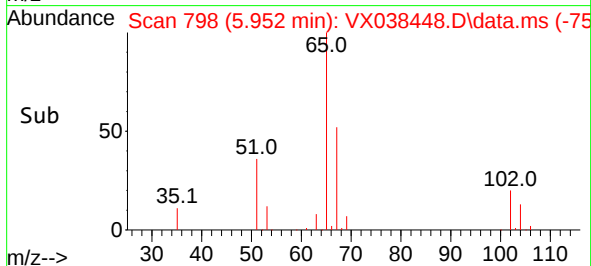
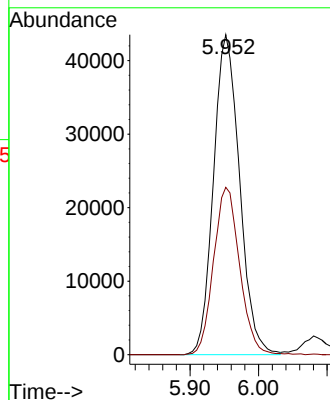
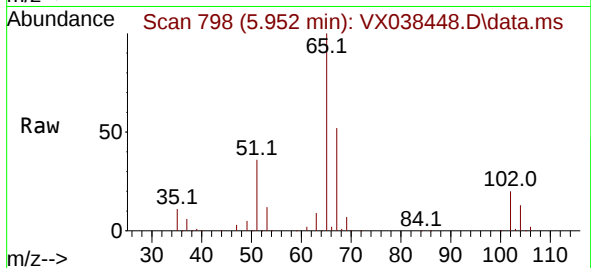
67 52.3 0.0 100.2

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

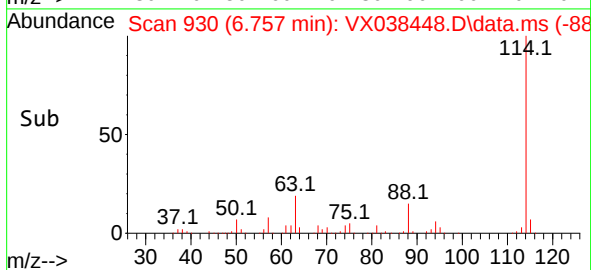
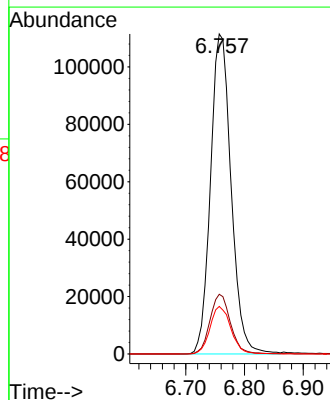
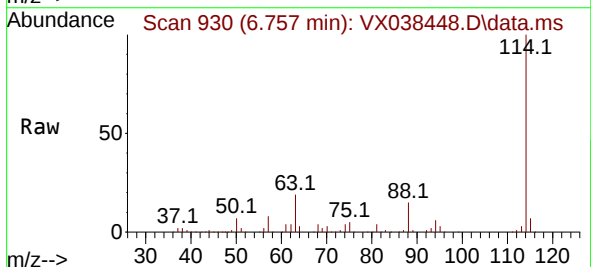
Tgt Ion:114 Resp: 271873

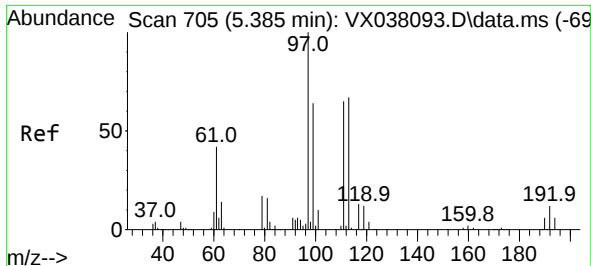
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

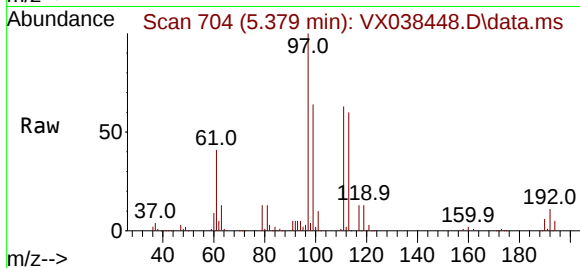
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.803 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

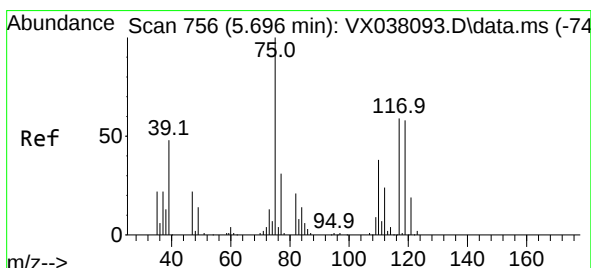
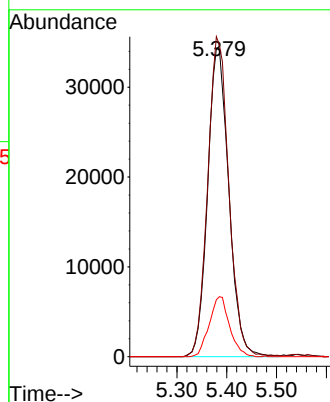
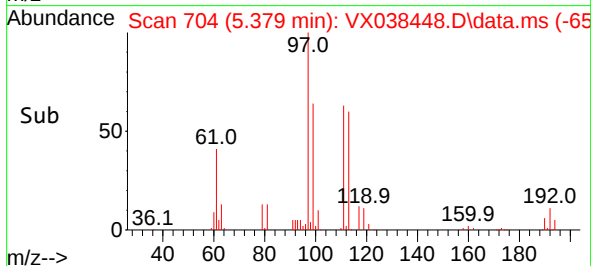
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 10148
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.6 13.3 19.9

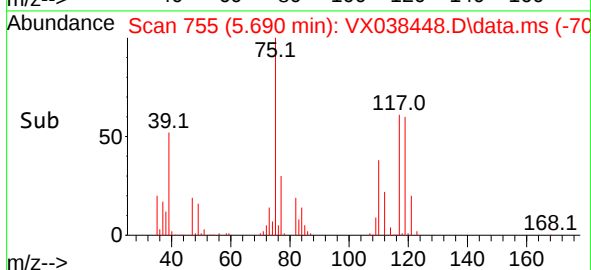
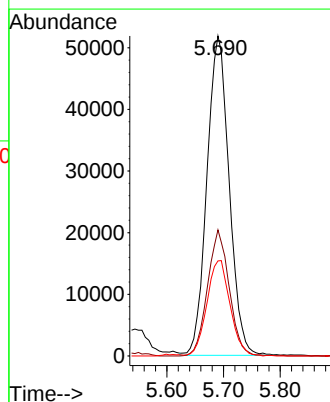
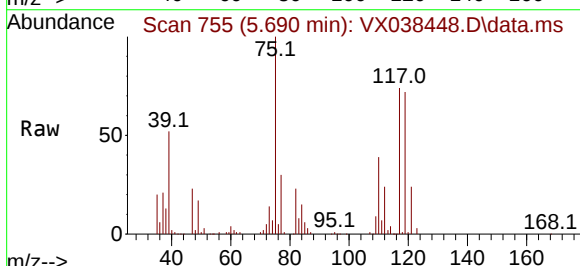
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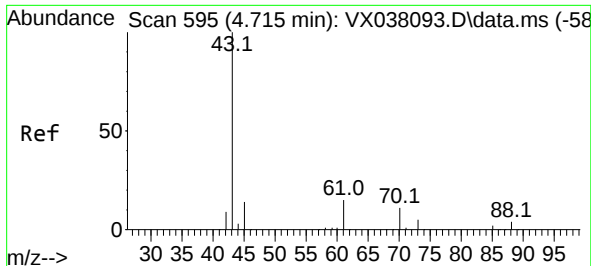
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
1,1-Dichloropropene
Concen: 52.330 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 75 Resp: 141367
Ion Ratio Lower Upper
75 100
110 38.4 17.0 50.9
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 50.107 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

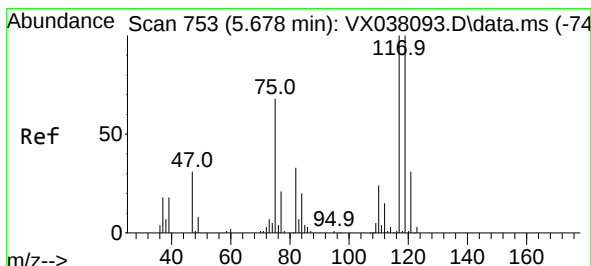
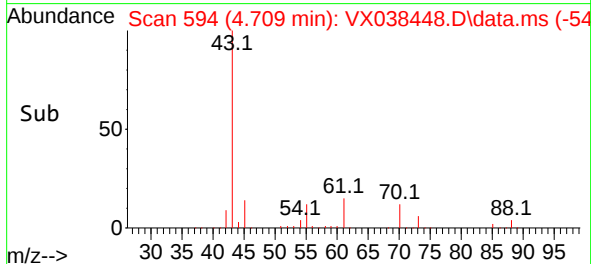
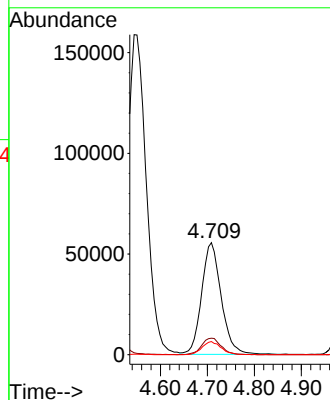
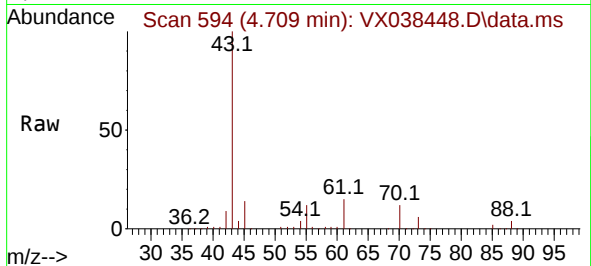
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 160760
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 11.4 8.3 12.5

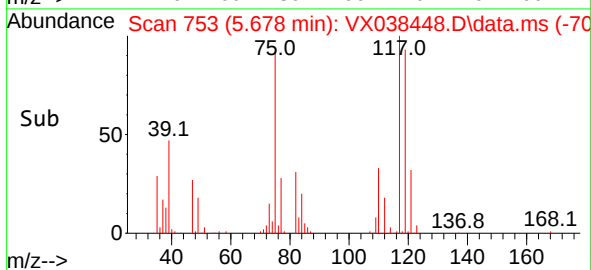
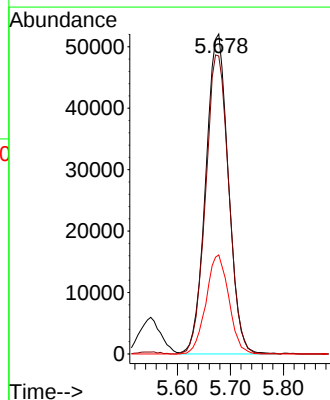
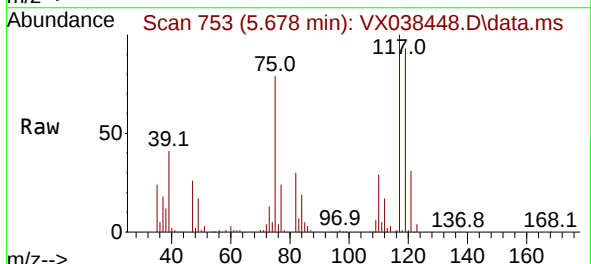
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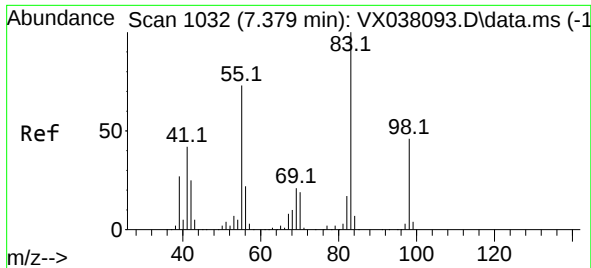
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#38
Carbon Tetrachloride
Concen: 58.119 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion:117 Resp: 154452
Ion Ratio Lower Upper
117 100
119 93.1 78.2 117.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 56.120 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

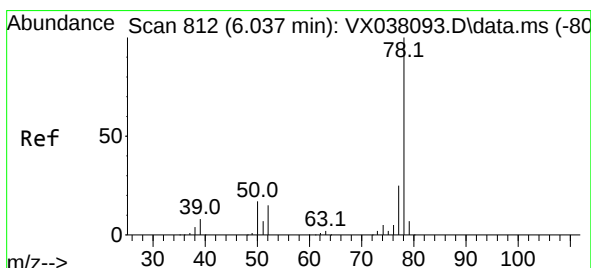
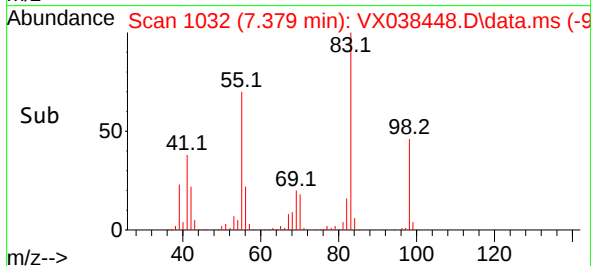
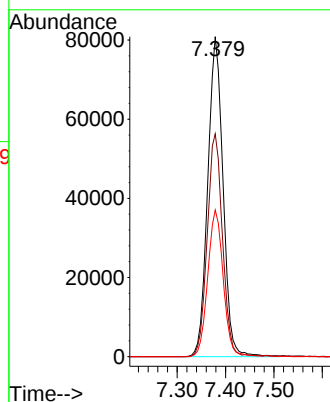
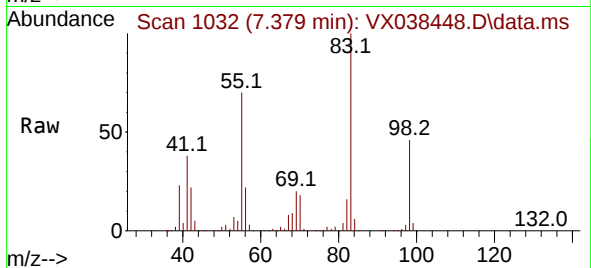
Tgt Ion: 83 Resp: 177572
 Ion Ratio Lower Upper
 83 100
 55 69.6 64.6 97.0
 98 45.9 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 54.696 ug/l

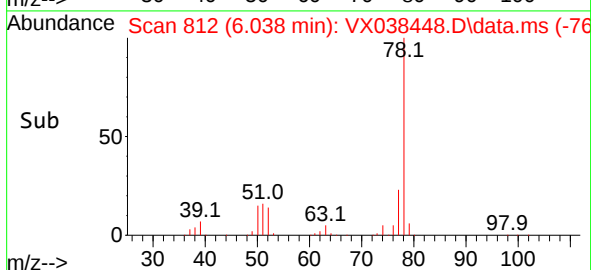
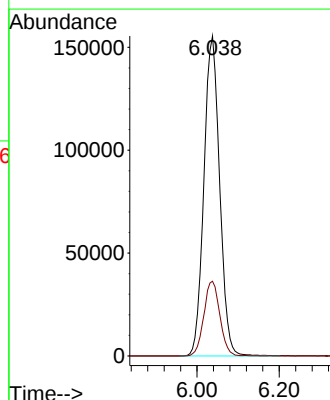
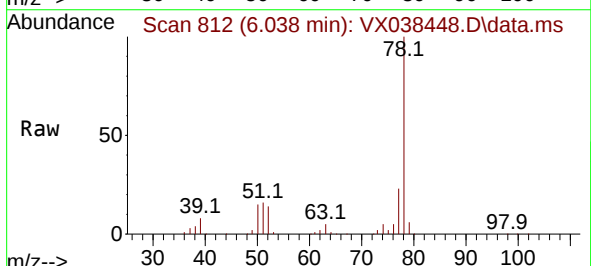
RT: 6.038 min Scan# 812

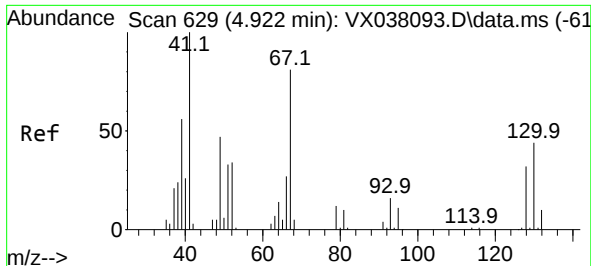
Delta R.T. -0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

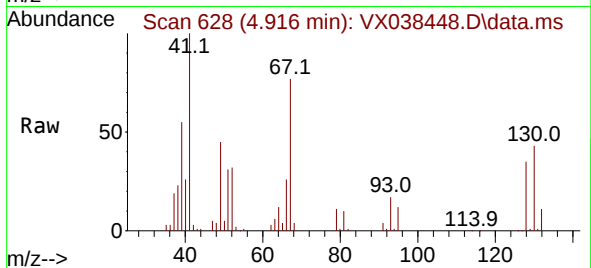
Tgt Ion: 78 Resp: 413272
 Ion Ratio Lower Upper
 78 100
 77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 51.714 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

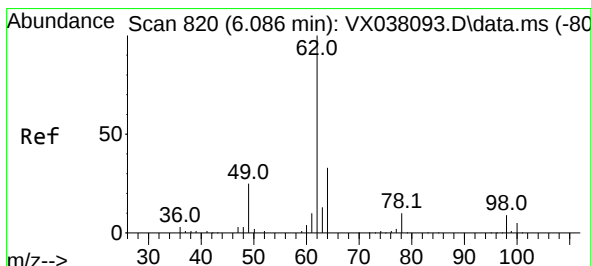
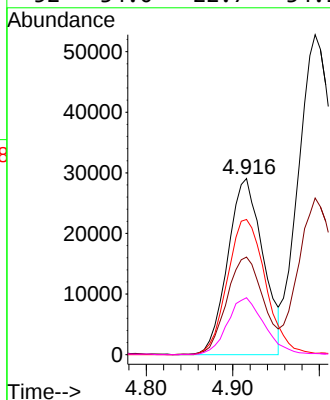
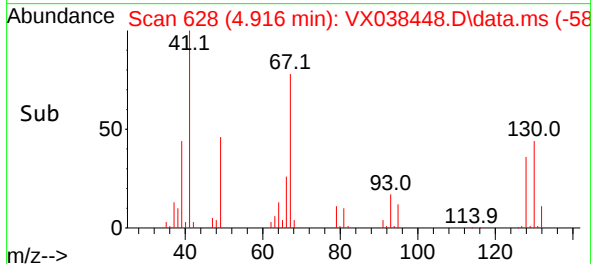
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8253
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 83.7 52.6 78.8
52 34.0 22.7 34.1

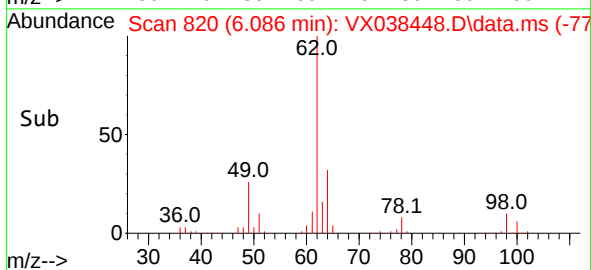
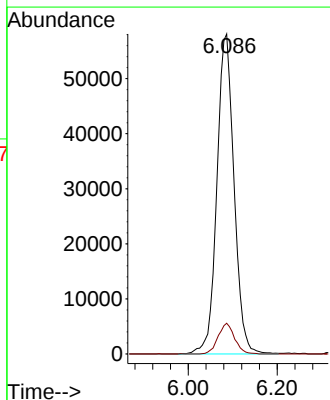
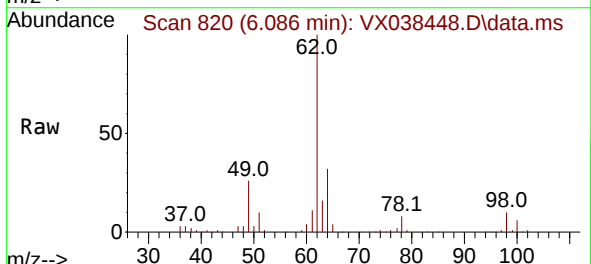
Manual Integrations
APPROVED

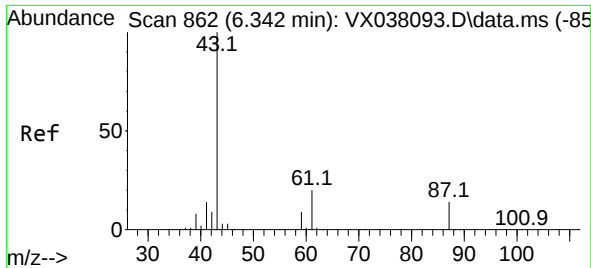
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
1,2-Dichloroethane
Concen: 51.453 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 62 Resp: 155328
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.298 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

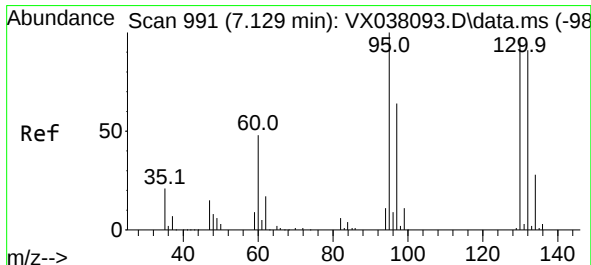
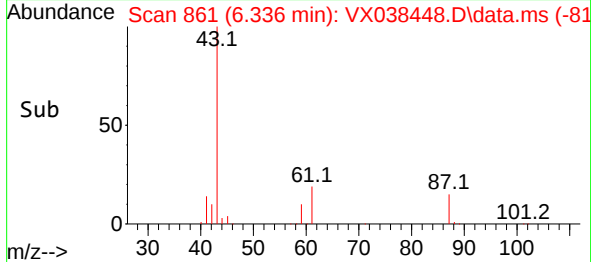
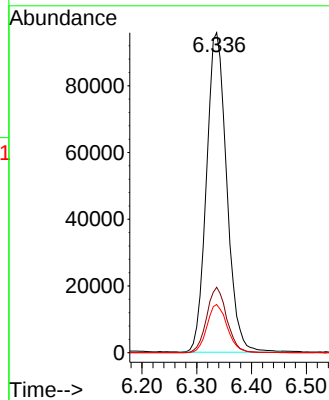
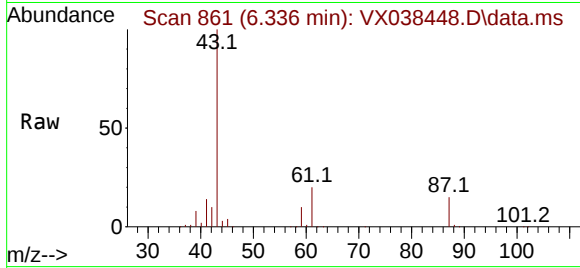
Tgt Ion: 43	Resp: 24569
Ion Ratio	Lower Upper
43 100	
61 20.3	15.2 22.8
87 15.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Trichloroethene

Concen: 60.338 ug/l

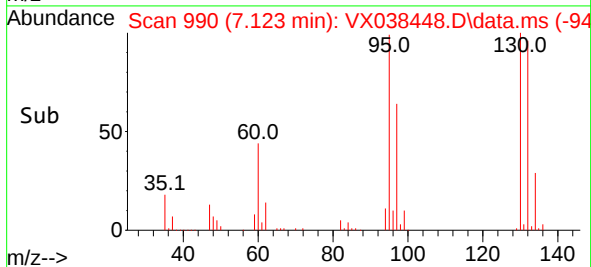
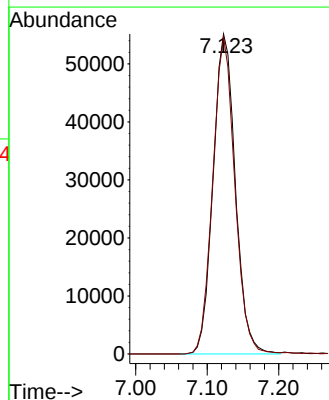
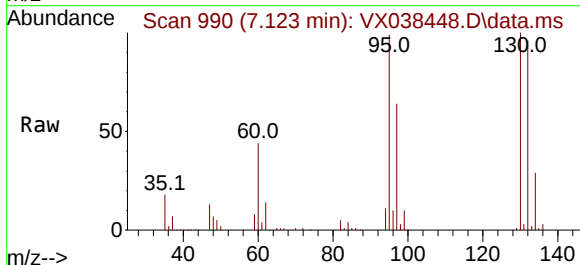
RT: 7.123 min Scan# 990

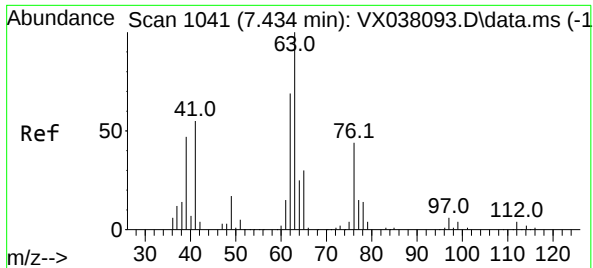
Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Tgt Ion:130	Resp: 119242
Ion Ratio	Lower Upper
130 100	
95 99.1	0.0 204.4





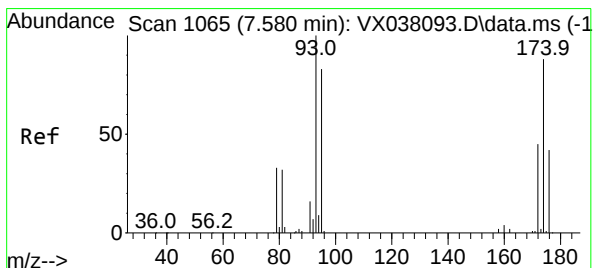
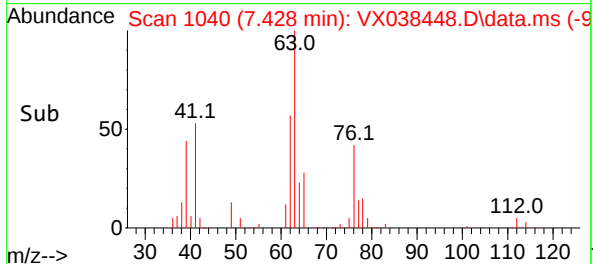
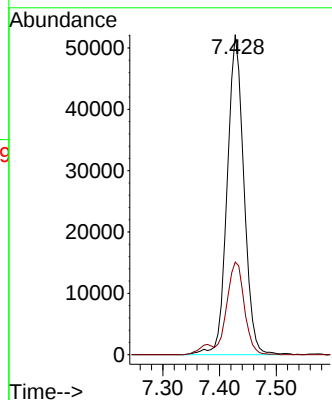
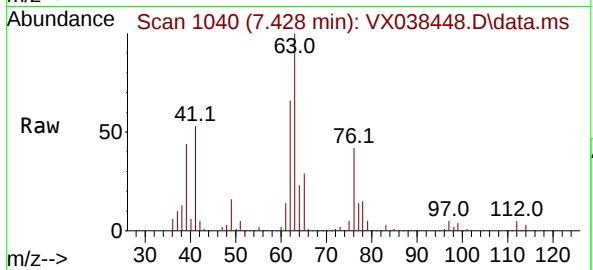
#45
1,2-Dichloropropane
Concen: 54.523 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 106625
Ion Ratio Lower Upper
63 100
65 29.0 24.3 36.5

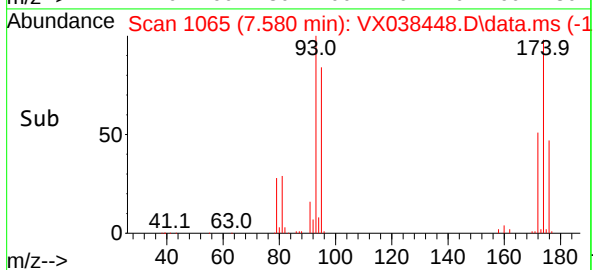
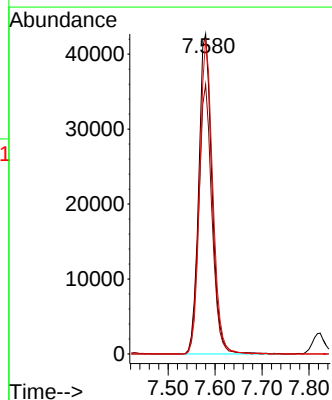
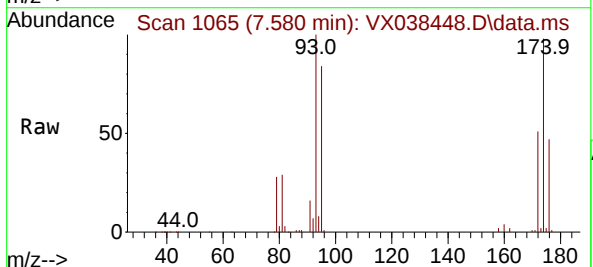
Manual Integrations
APPROVED

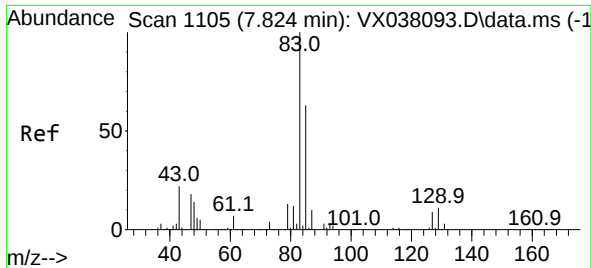
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
Dibromomethane
Concen: 55.345 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 93 Resp: 83944
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 96.7 69.4 104.0





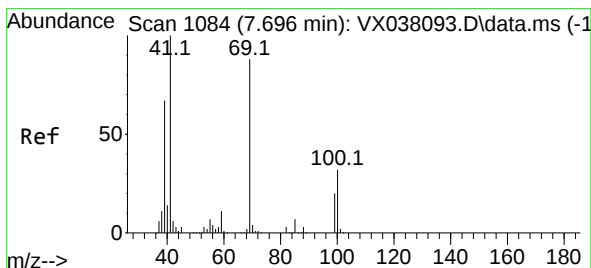
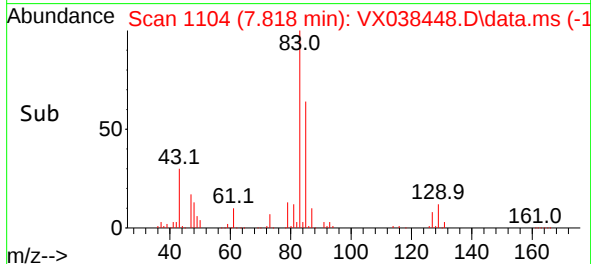
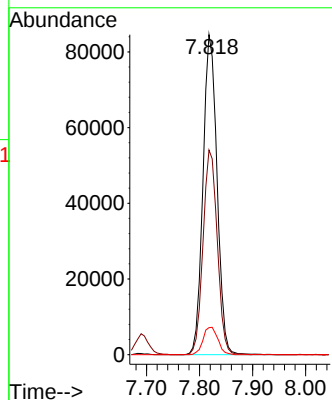
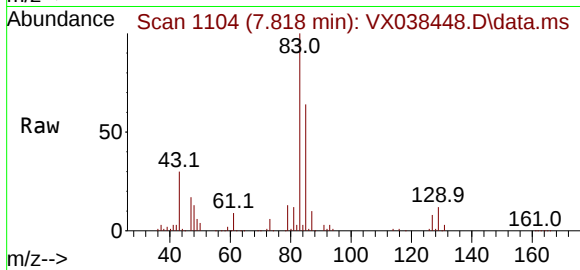
#47
Bromodichloromethane
Concen: 57.517 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15519
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.5 7.1 10.7

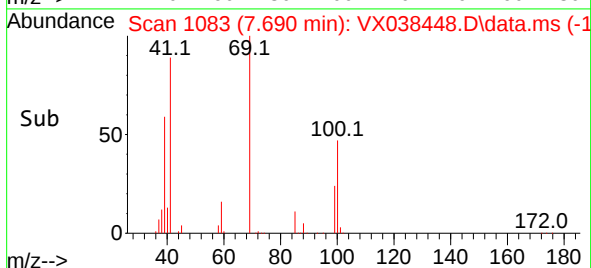
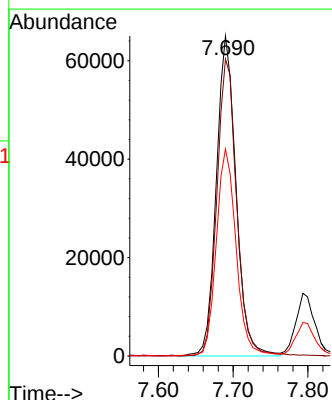
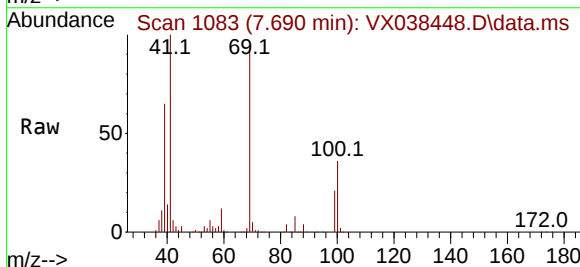
Manual Integrations
APPROVED

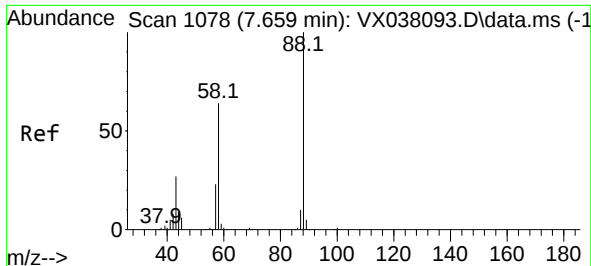
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 52.139 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 41 Resp: 119213
Ion Ratio Lower Upper
41 100
69 93.5 59.2 88.8#
39 65.0 47.7 71.5





#49

1,4-Dioxane

Concen: 990.010 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

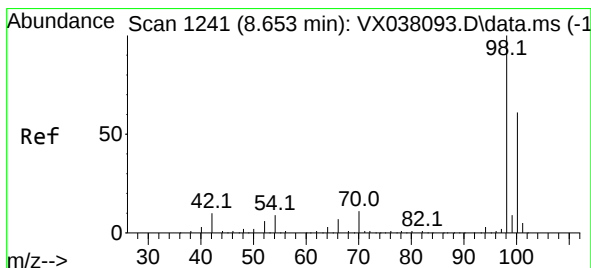
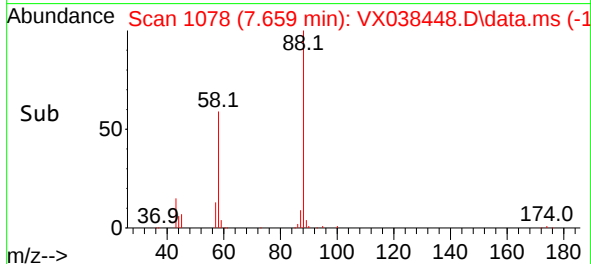
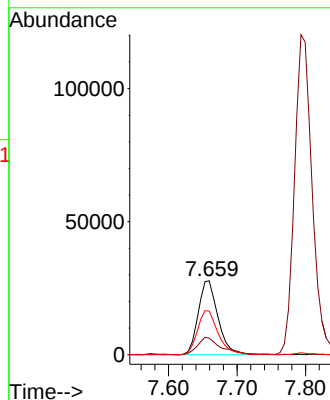
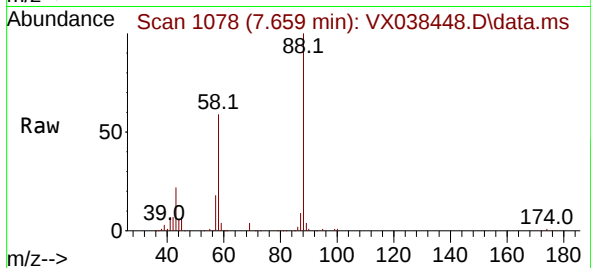
Tgt Ion: 88 Resp: 55780
 Ion Ratio Lower Upper
 88 100
 43 28.0 0.0 0.0
 58 61.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 47.847 ug/l

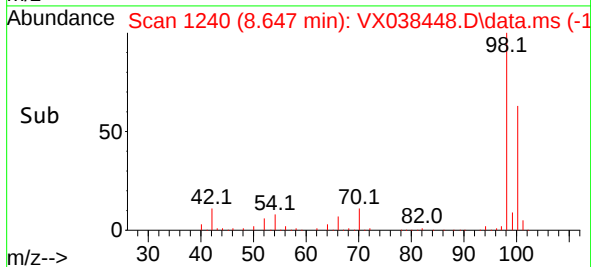
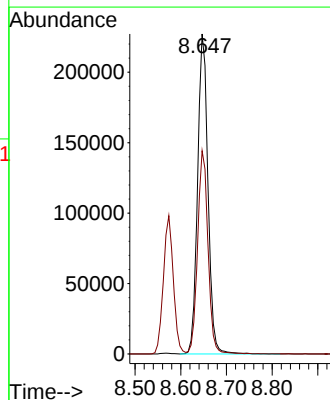
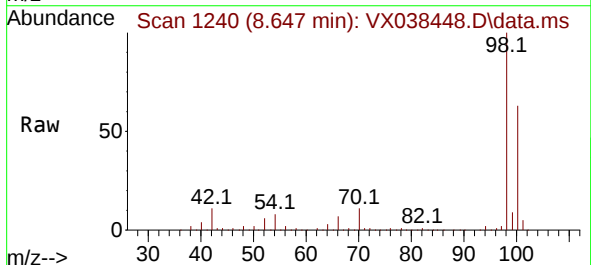
RT: 8.647 min Scan# 1240

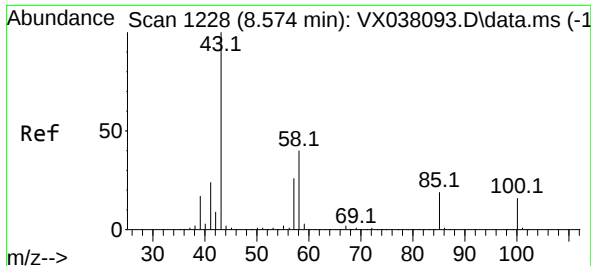
Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Tgt Ion: 98 Resp: 358177
 Ion Ratio Lower Upper
 98 100
 100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 259.748 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 85810

Ion Ratio Lower Upper

43 100

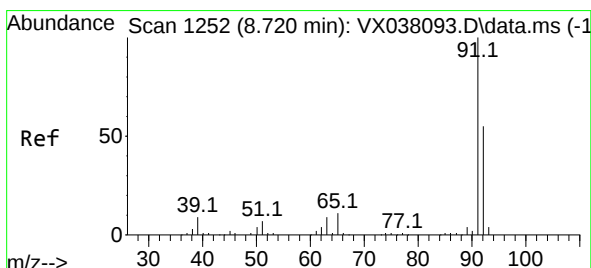
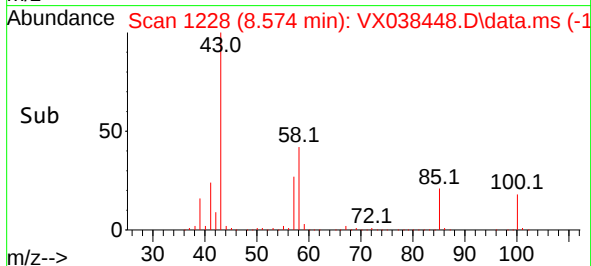
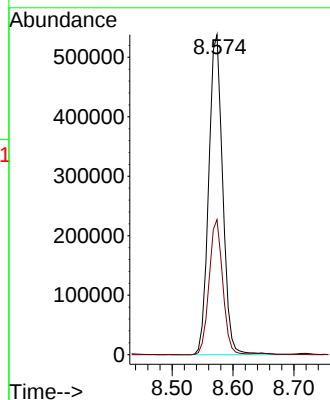
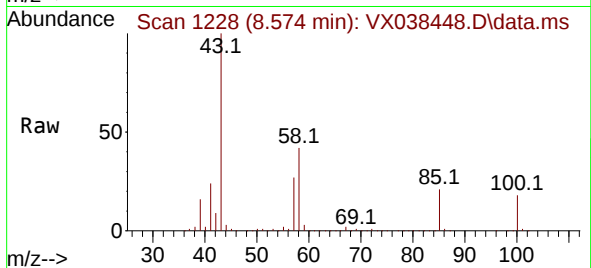
58 41.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#52

Toluene

Concen: 56.152 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038448.D

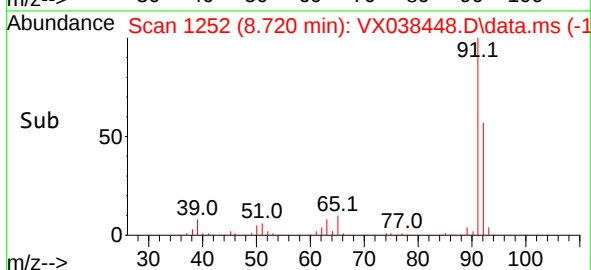
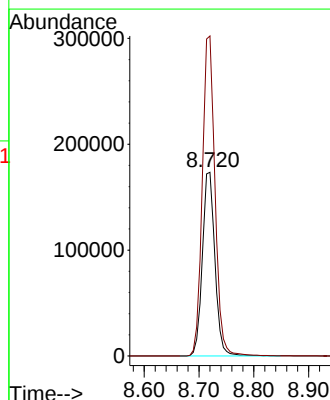
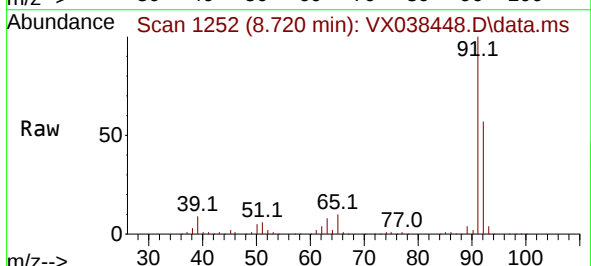
Acq: 24 Oct 2023 11:50

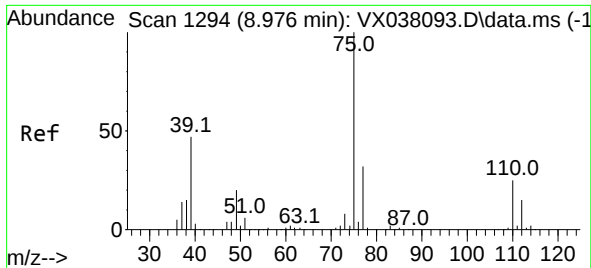
Tgt Ion: 92 Resp: 276377

Ion Ratio Lower Upper

92 100

91 176.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.582 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 16677

Ion Ratio Lower Upper

75 100

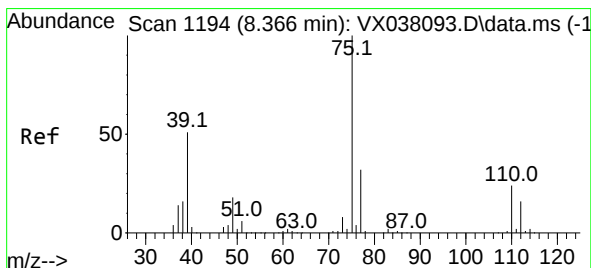
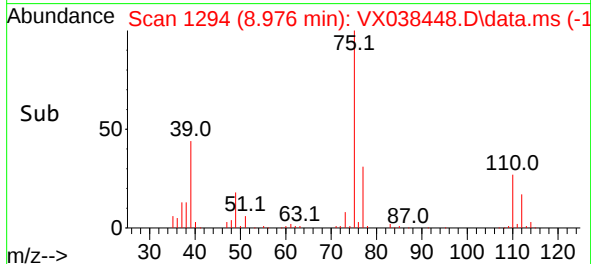
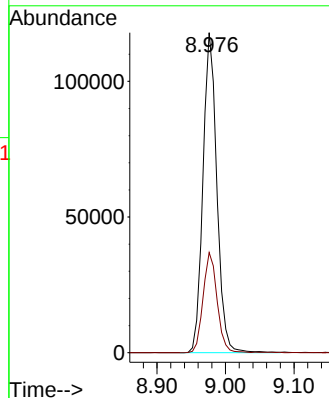
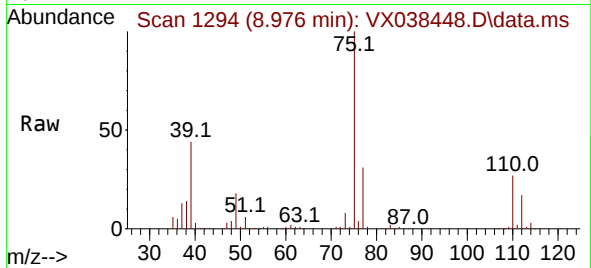
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#54

cis-1,3-Dichloropropene

Concen: 57.454 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

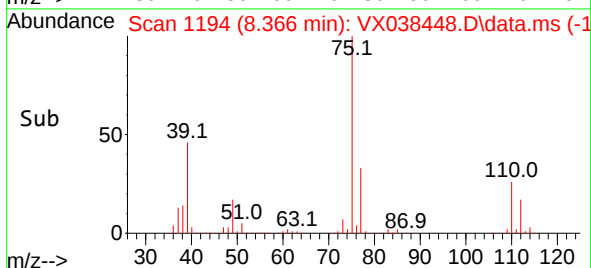
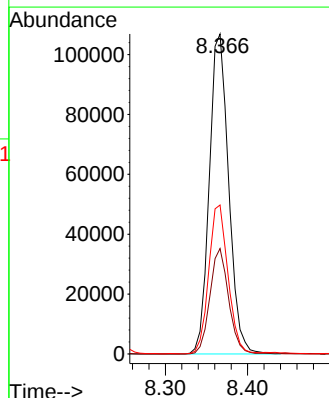
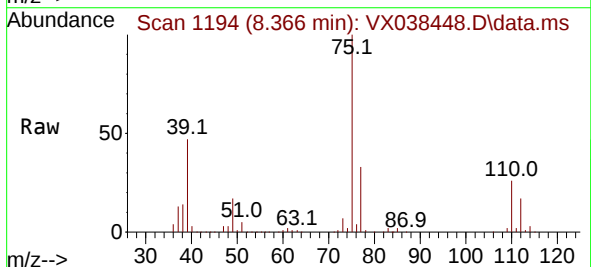
Tgt Ion: 75 Resp: 174826

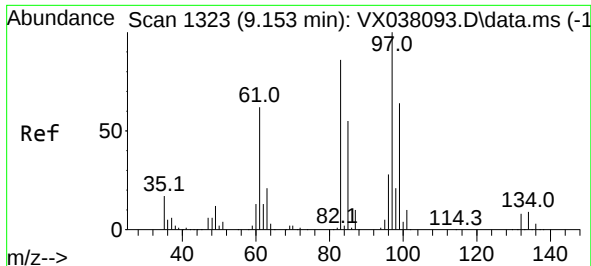
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 46.5 46.7 70.1#





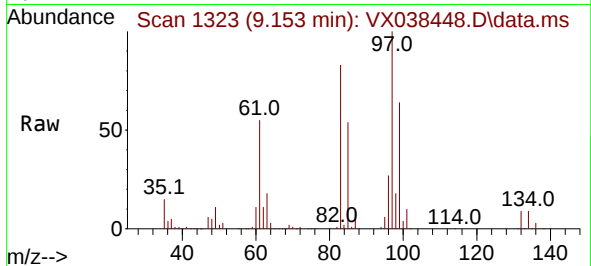
#55
1,1,2-Trichloroethane
Concen: 56.665 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 119294

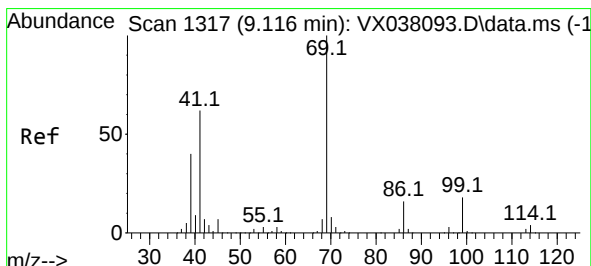
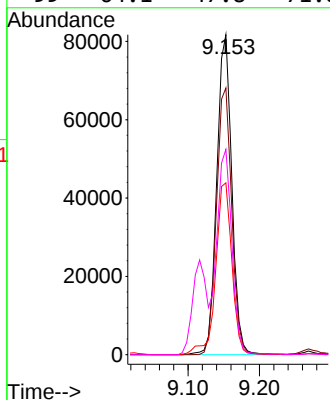
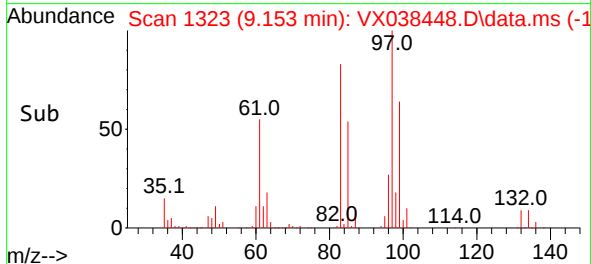
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	53.7	41.6	62.4
99	64.1	47.8	71.8

Manual Integrations

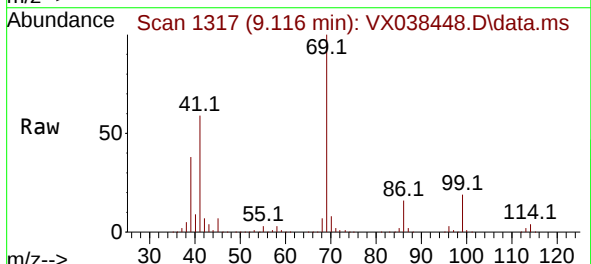
APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023

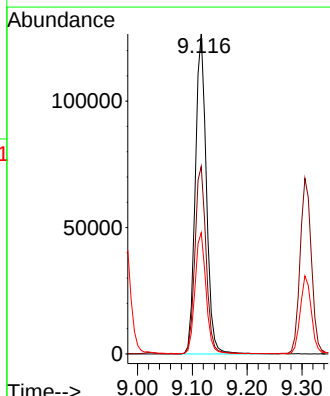
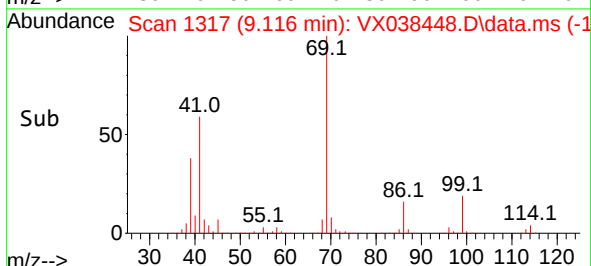


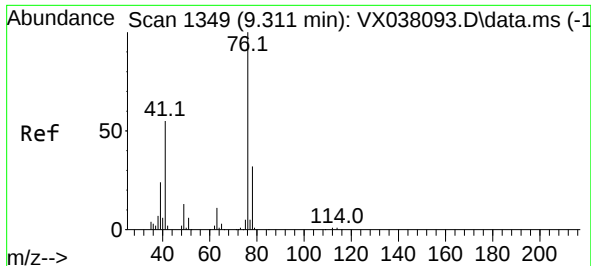
#56
Ethyl methacrylate
Concen: 55.231 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



Tgt Ion: 69 Resp: 178275

Ion	Ratio	Lower	Upper
69	100		
41	59.5	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 55.003 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18728

Ion Ratio Lower Upper

76 100

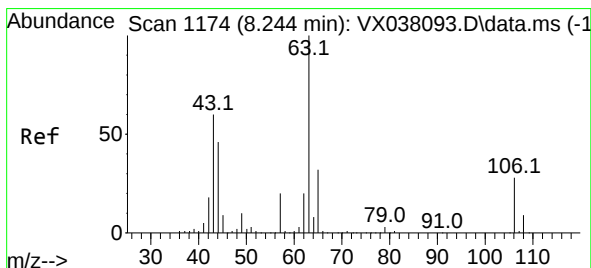
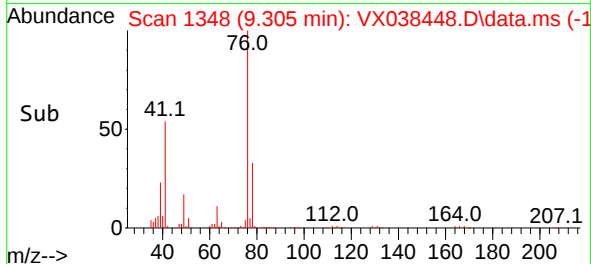
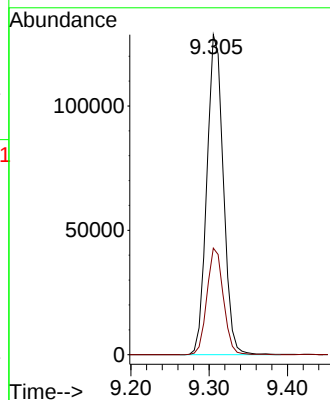
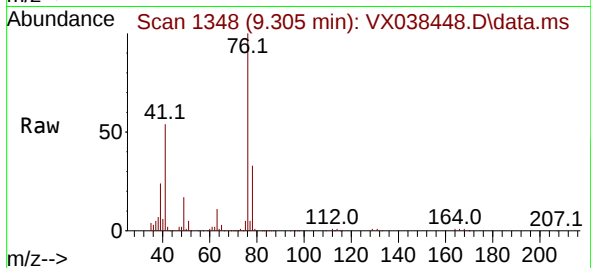
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.113 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038448.D

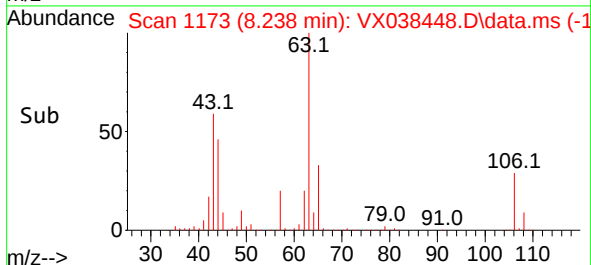
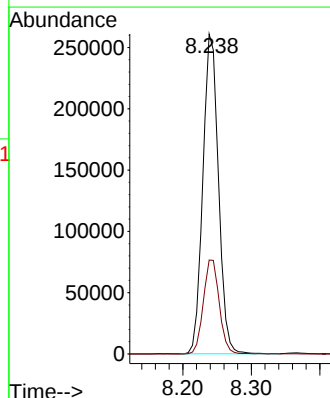
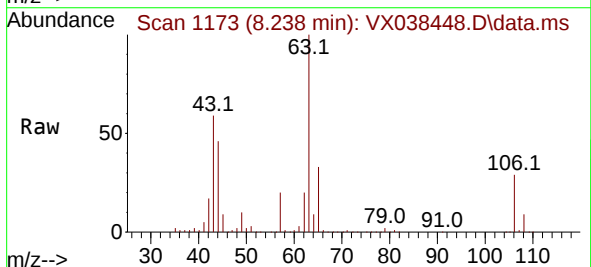
Acq: 24 Oct 2023 11:50

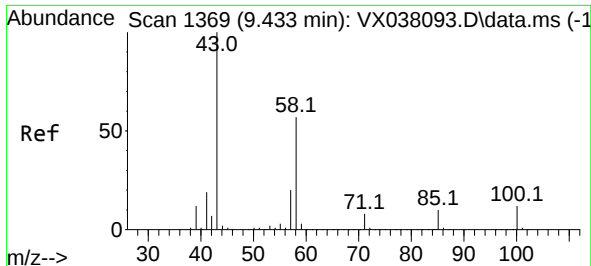
Tgt Ion: 63 Resp: 413707

Ion Ratio Lower Upper

63 100

106 30.0 22.5 33.7





#59

2-Hexanone

Concen: 264.260 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 701838

Ion Ratio Lower Upper

43 100

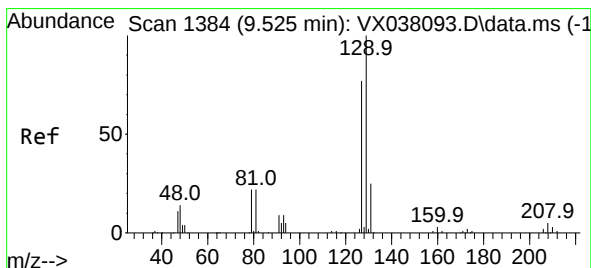
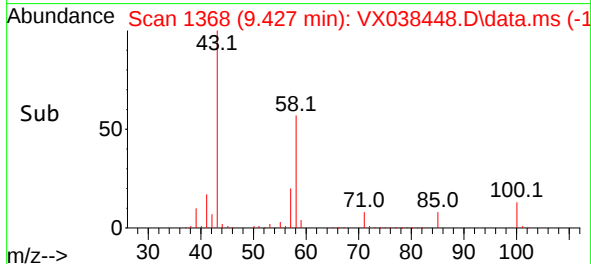
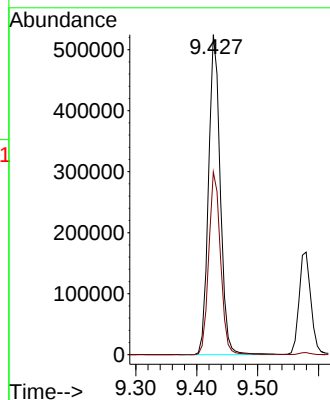
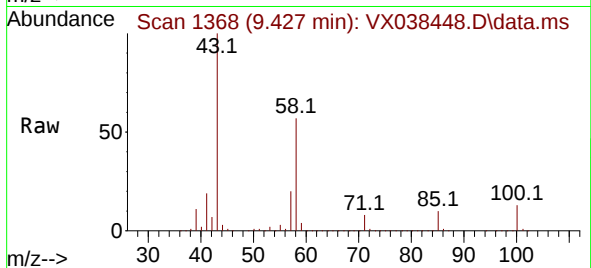
58 57.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#60

Dibromochloromethane

Concen: 62.098 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038448.D

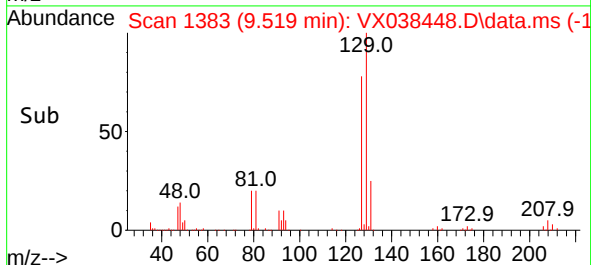
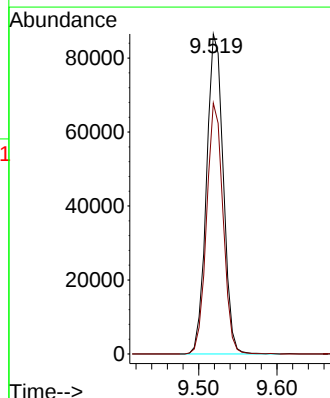
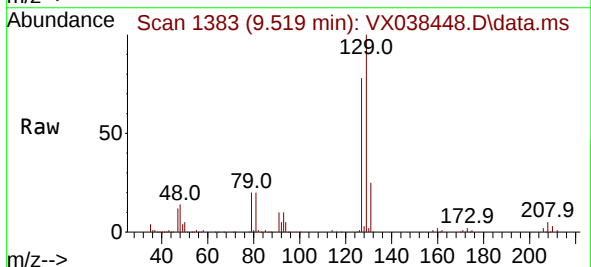
Acq: 24 Oct 2023 11:50

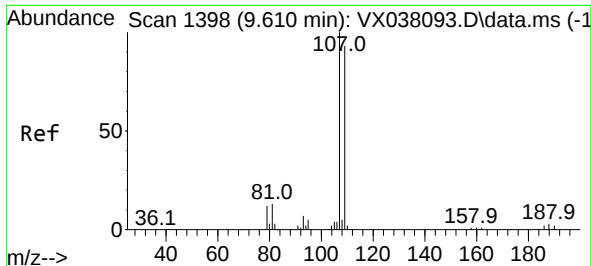
Tgt Ion:129 Resp: 127948

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4





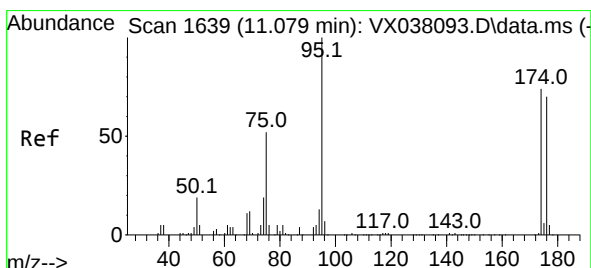
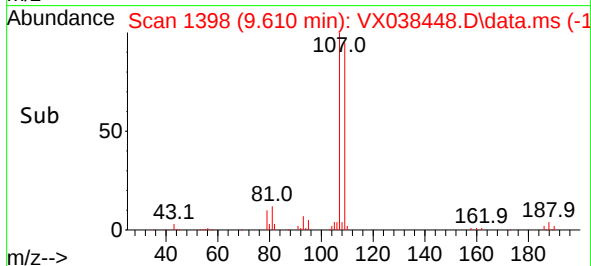
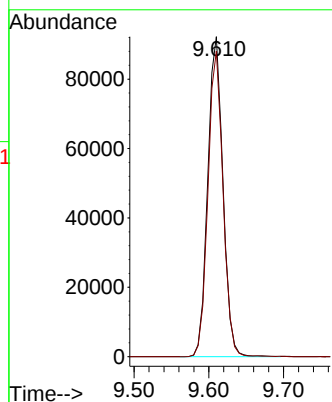
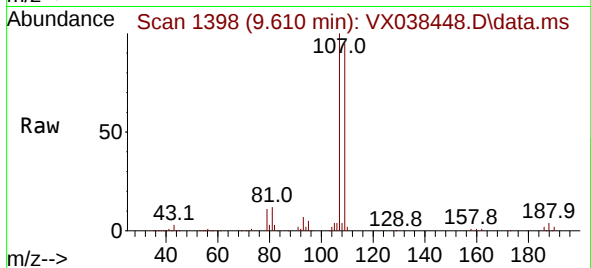
#61
1,2-Dibromoethane
Concen: 57.175 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 130160
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

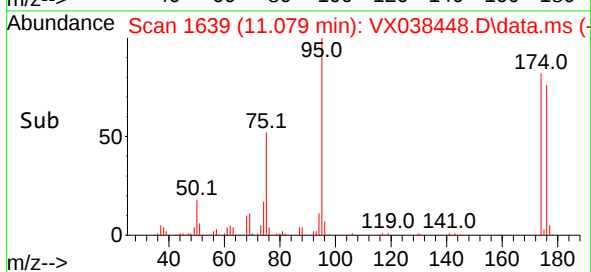
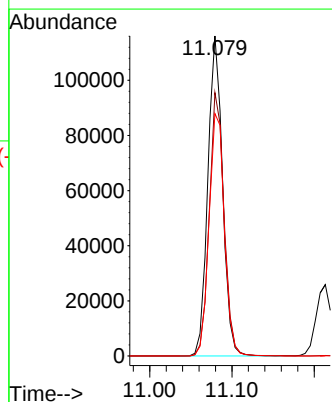
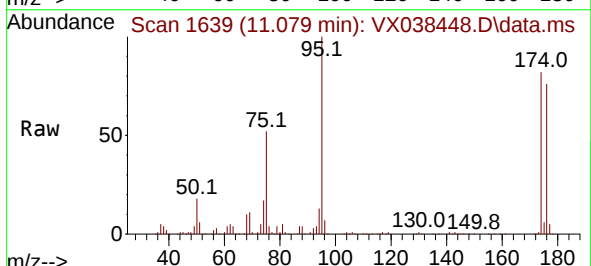
Manual Integrations
APPROVED

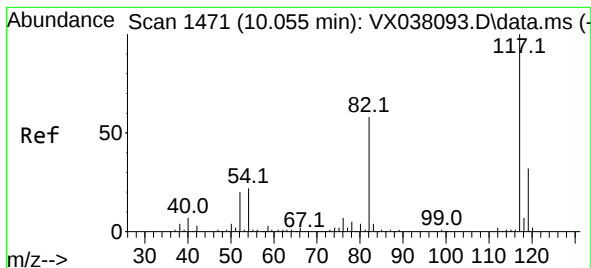
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 50.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

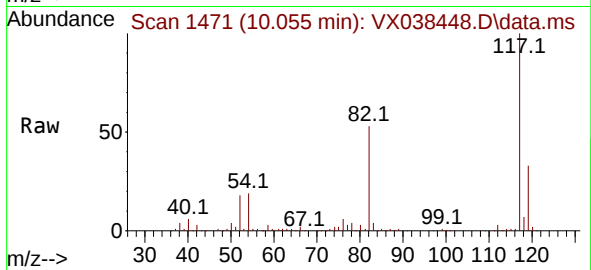
Tgt Ion: 95 Resp: 143920
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 79.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

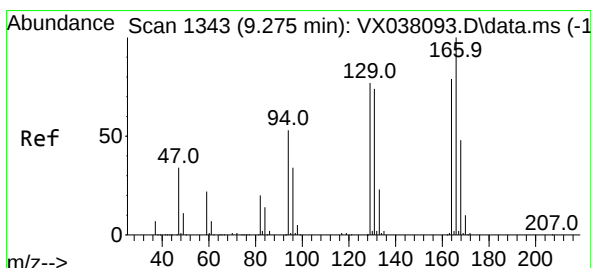
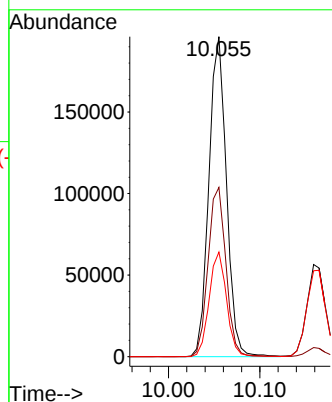
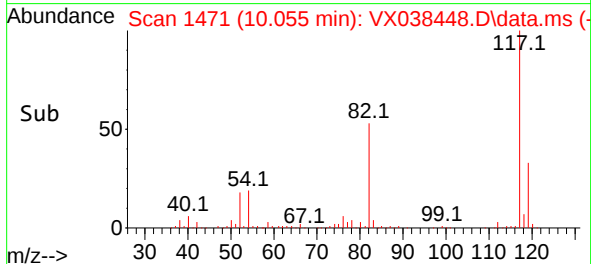
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 262350
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.7 25.5 38.3

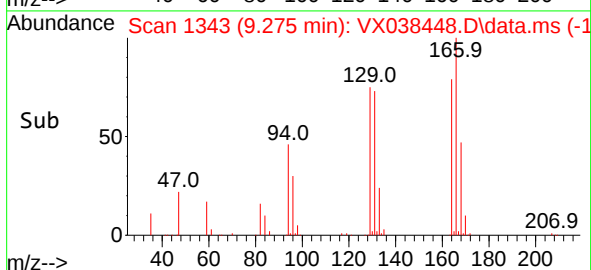
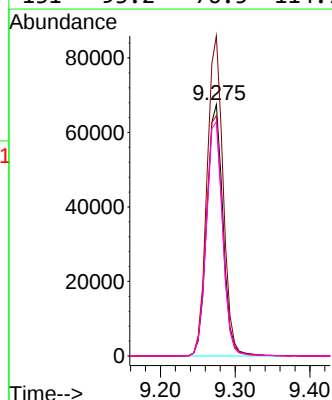
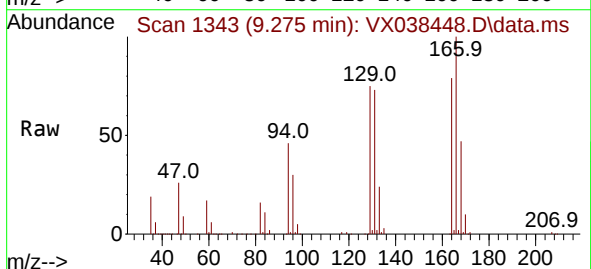
Manual Integrations
APPROVED

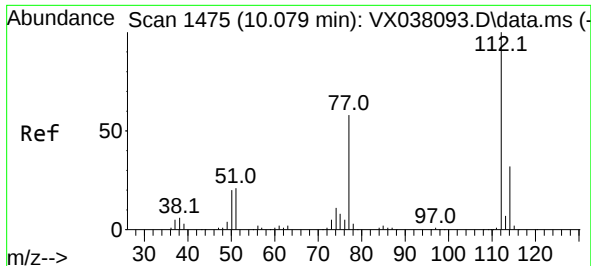
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 59.291 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

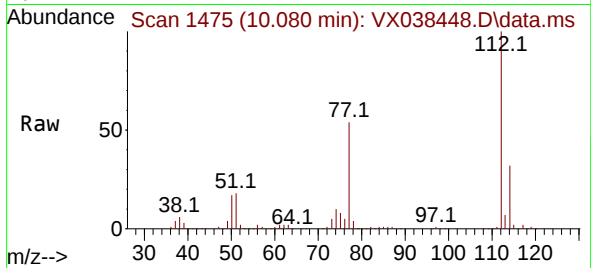
Tgt Ion:164 Resp: 100698
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 95.6 80.4 120.6
131 93.2 76.5 114.7





#65
Chlorobenzene
Concen: 57.339 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

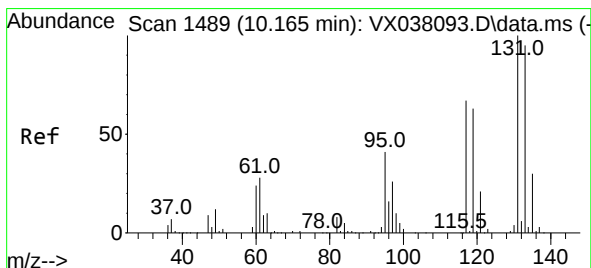
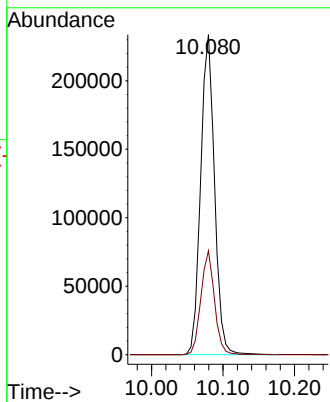
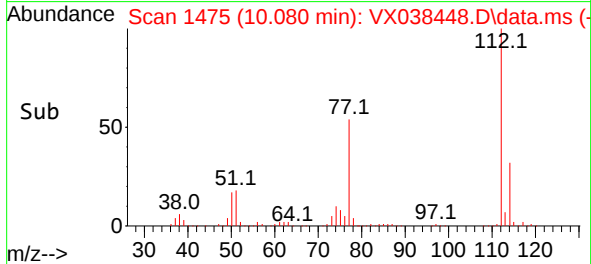
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



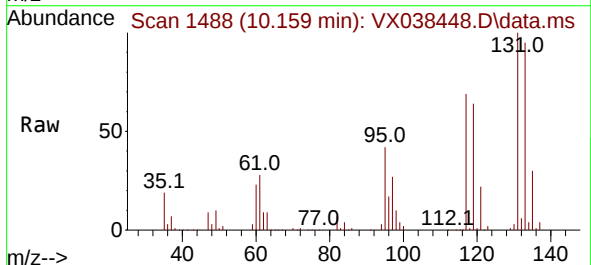
Tgt Ion:112 Resp: 314780
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

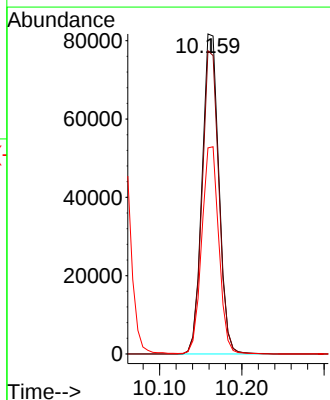
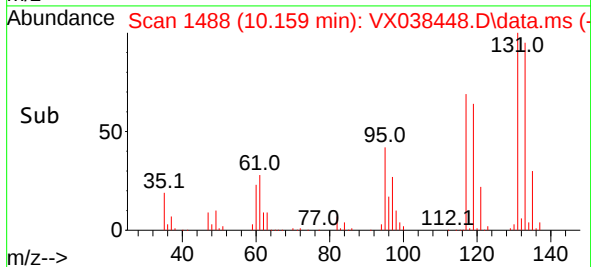
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

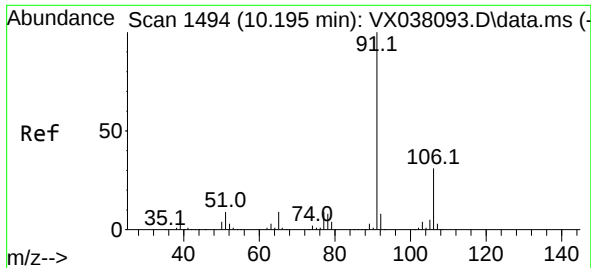


#66
1,1,1,2-Tetrachloroethane
Concen: 62.509 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



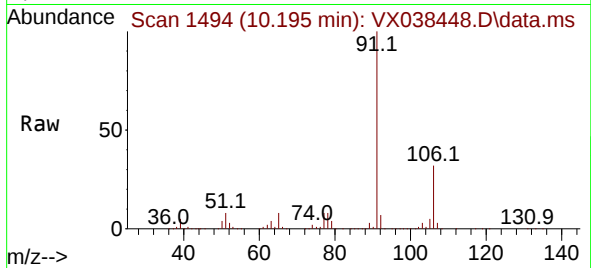
Tgt Ion:131 Resp: 116041
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 65.9 32.2 96.6





#67
Ethyl Benzene
Concen: 56.731 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

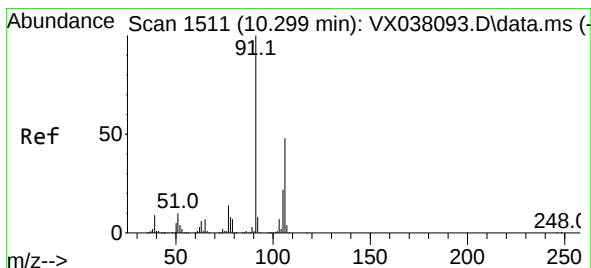
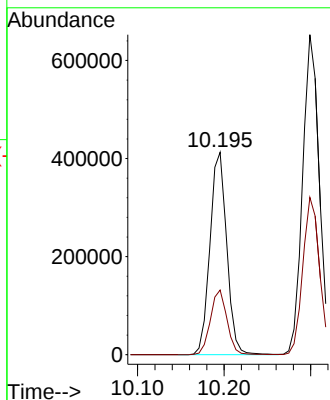
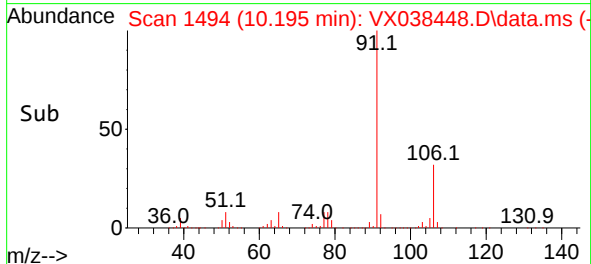
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



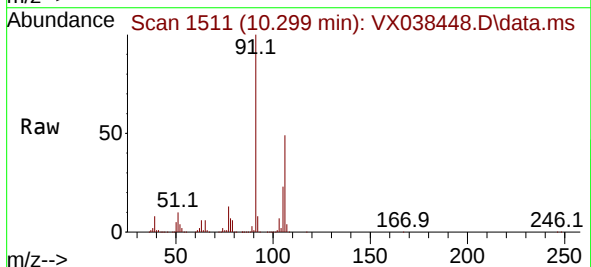
Tgt Ion: 91 Resp: 55592
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

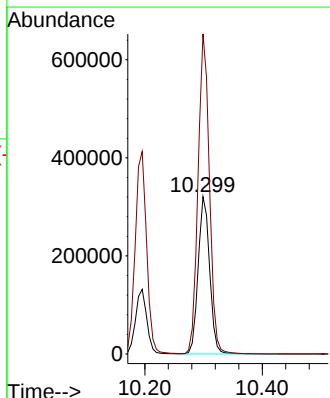
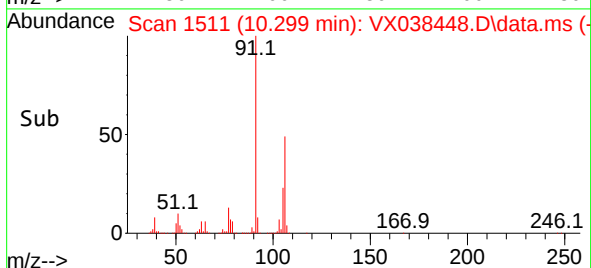
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

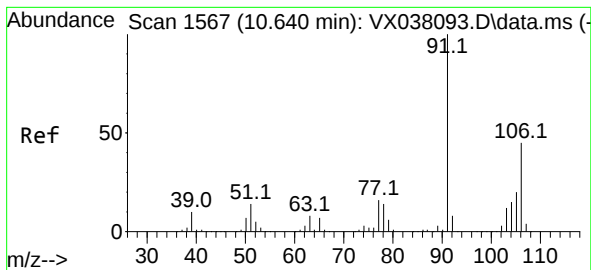


#68
m/p-Xylenes
Concen: 114.970 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



Tgt Ion:106 Resp: 435624
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





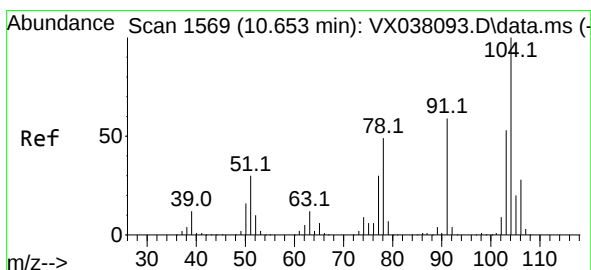
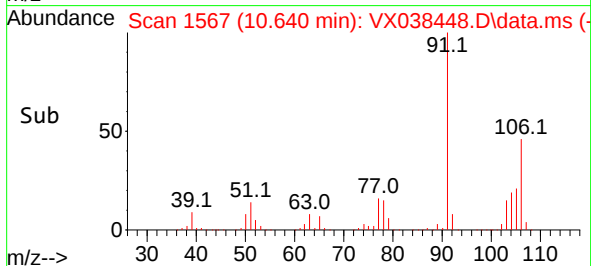
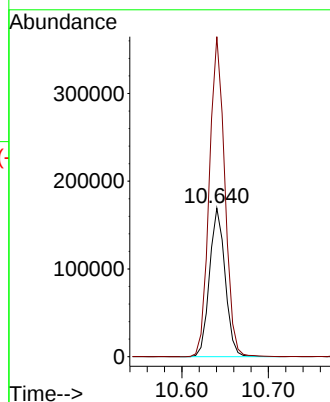
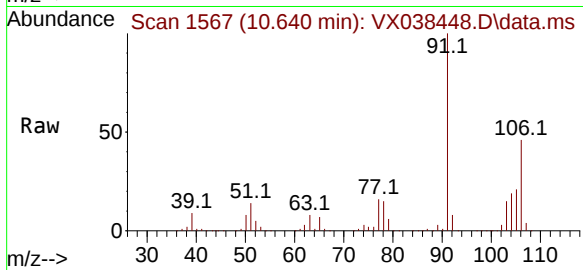
#69
o-Xylene
Concen: 57.239 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 211672
Ion Ratio Lower Upper
106 100
91 213.6 108.9 326.8

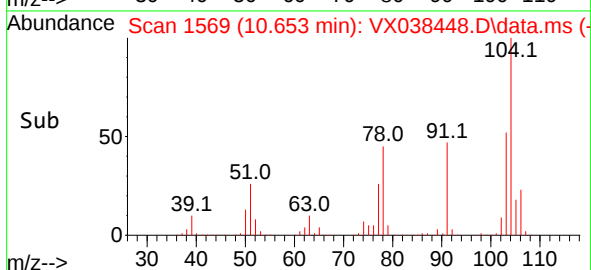
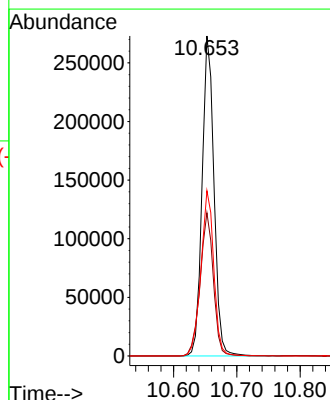
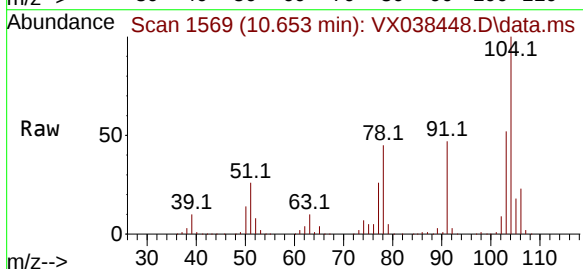
Manual Integrations
APPROVED

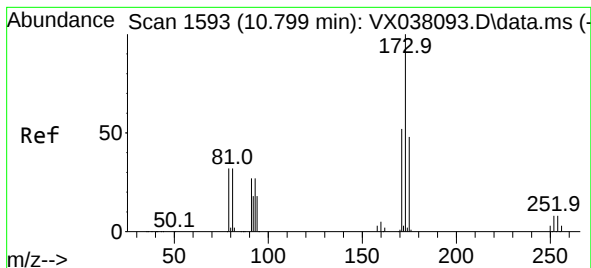
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
Styrene
Concen: 59.431 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

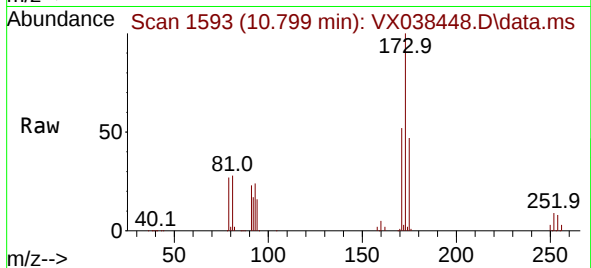
Tgt Ion:104 Resp: 357915
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 55.873 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

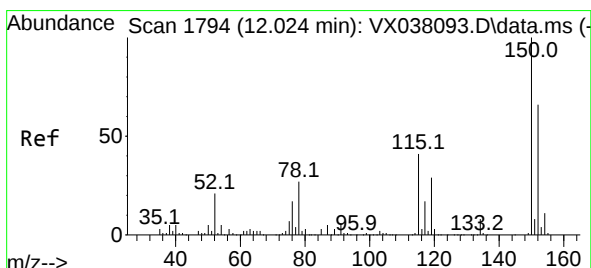
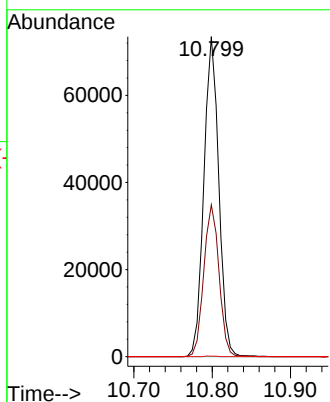
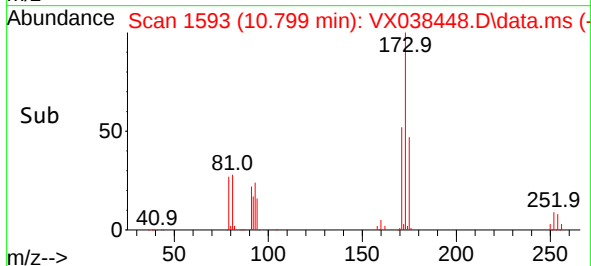
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 9683
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

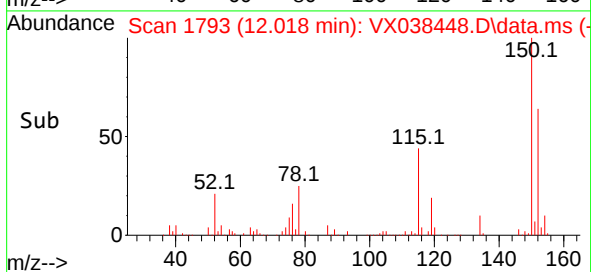
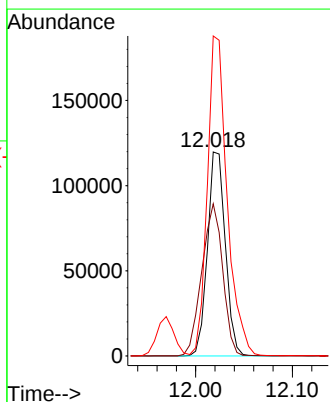
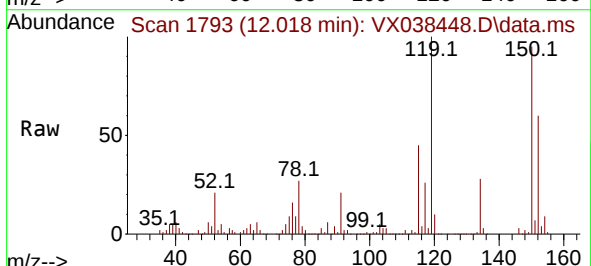
Manual Integrations
APPROVED

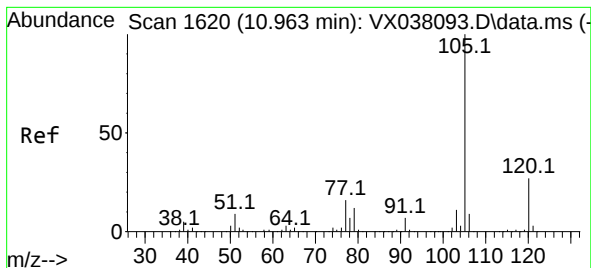
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion:152 Resp: 154002
Ion Ratio Lower Upper
152 100
115 87.3 43.3 129.9
150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 54.926 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 56726

Ion Ratio Lower Upper

105 100

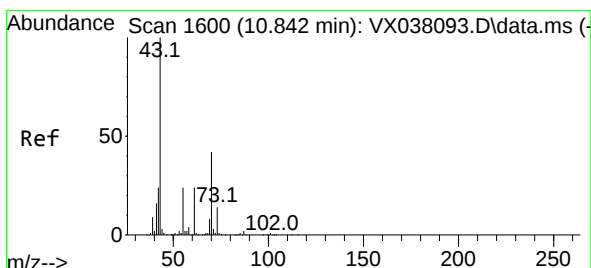
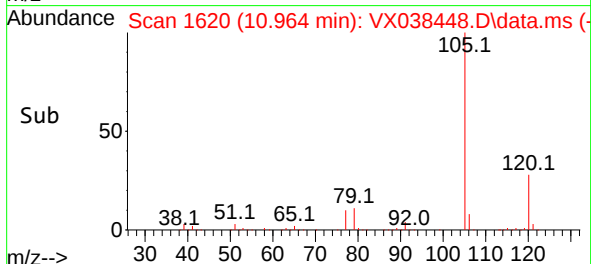
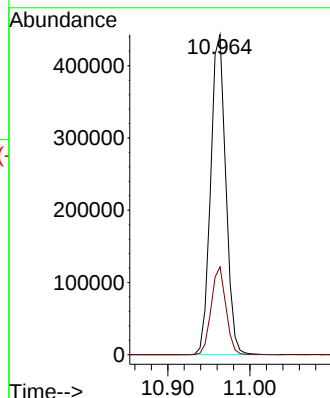
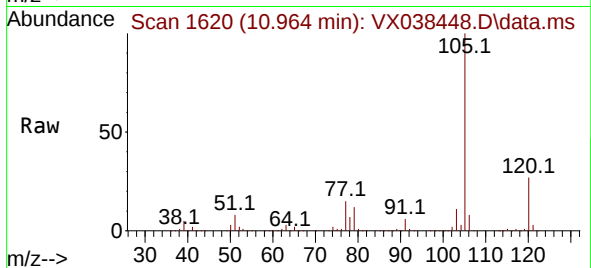
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#74

N-ethyl acetate

Concen: 52.508 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Tgt Ion: 43 Resp: 231581

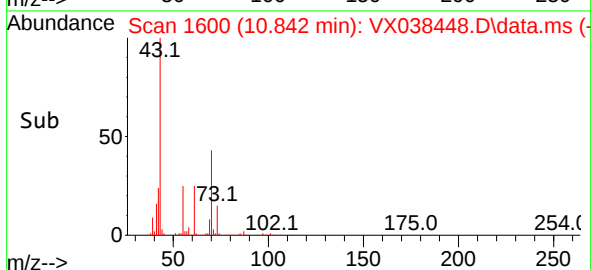
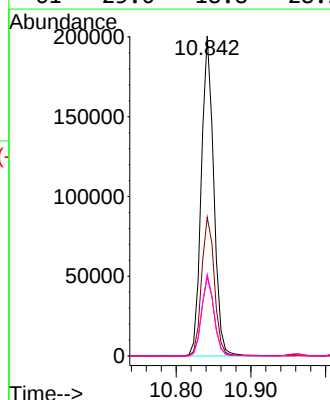
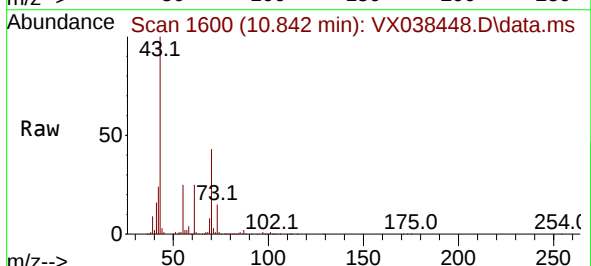
Ion Ratio Lower Upper

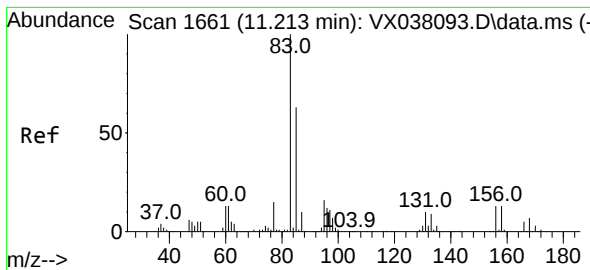
43 100

70 44.8 32.9 49.3

55 25.0 19.3 28.9

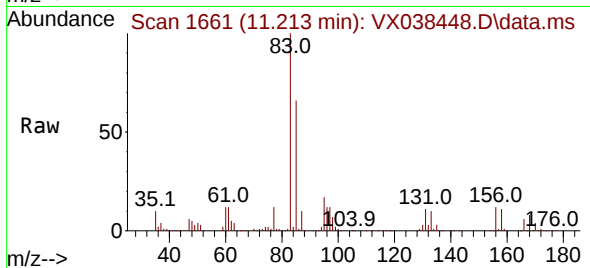
61 25.0 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.161 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50

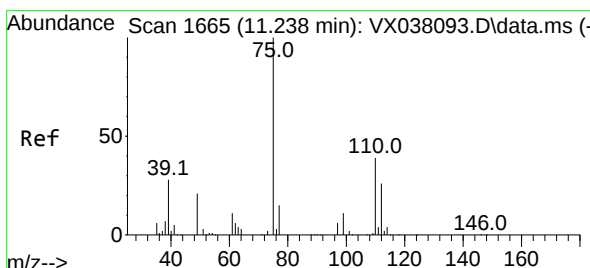
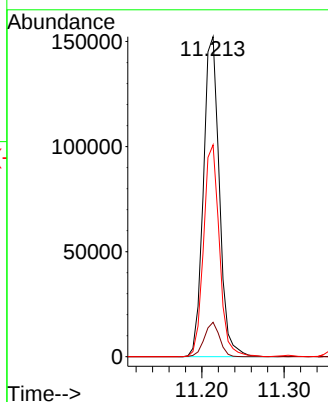
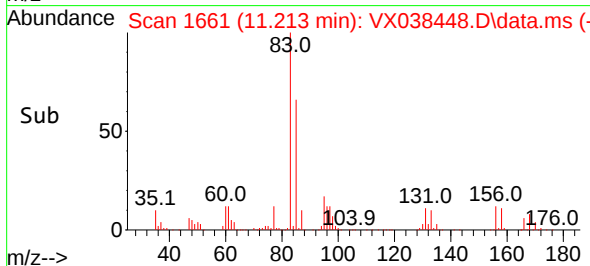
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



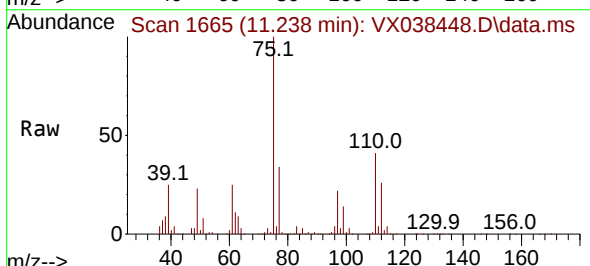
Tgt Ion: 83 Resp: 20525
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.8
 85 65.7 32.0 96.2

Manual Integrations
 APPROVED

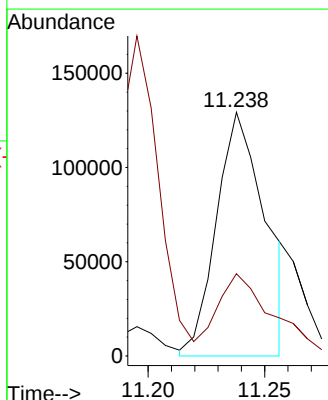
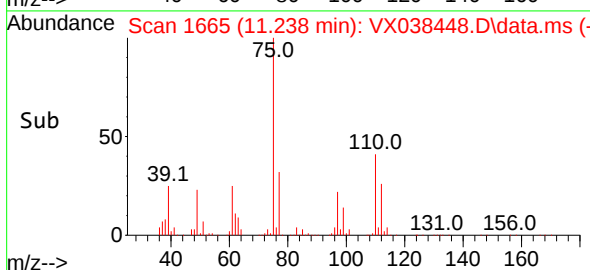
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

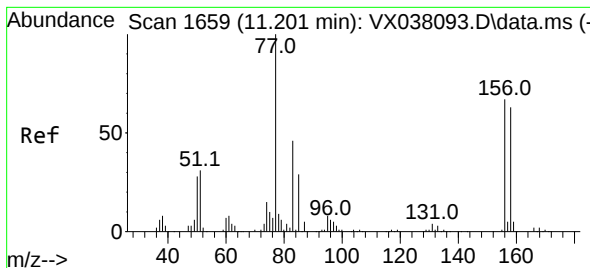


#76
 1,2,3-Trichloropropane
 Concen: 53.576 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50



Tgt Ion: 75 Resp: 187571
 Ion Ratio Lower Upper
 75 100
 77 38.9 19.1 57.5





#77

Bromobenzene

Concen: 56.412 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 142240

Ion Ratio Lower Upper

156 100

77 148.7 88.4 265.3

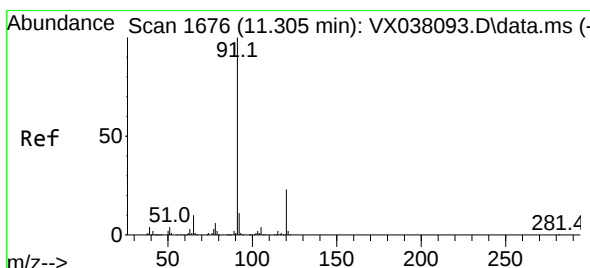
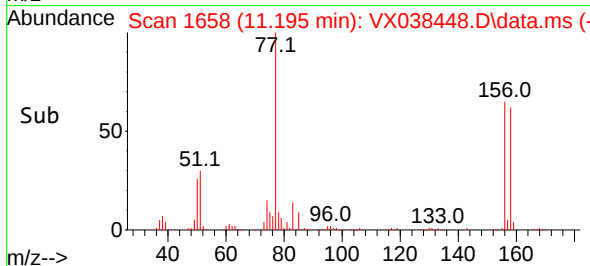
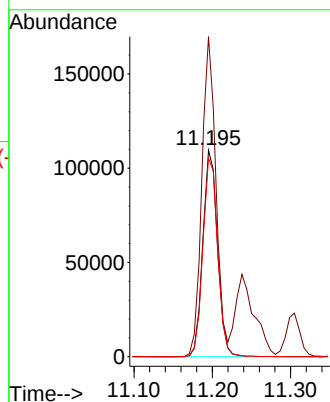
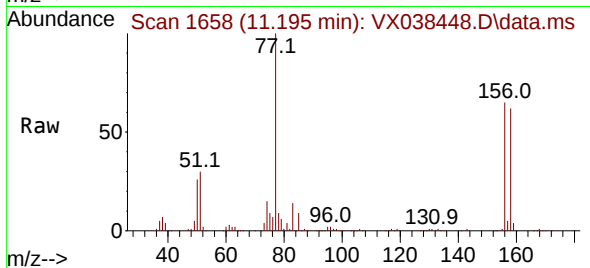
158 96.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#78

n-propylbenzene

Concen: 54.008 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038448.D

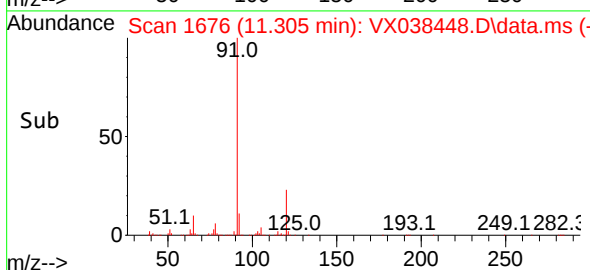
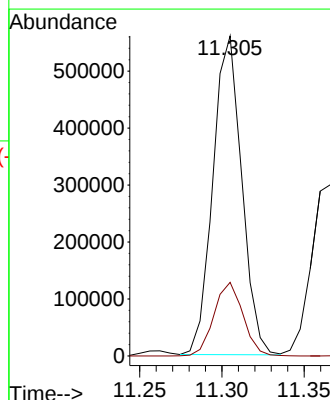
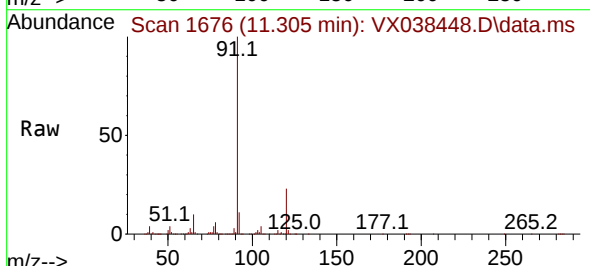
Acq: 24 Oct 2023 11:50

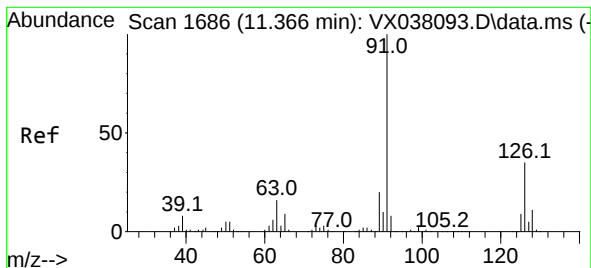
Tgt Ion: 91 Resp: 682035

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





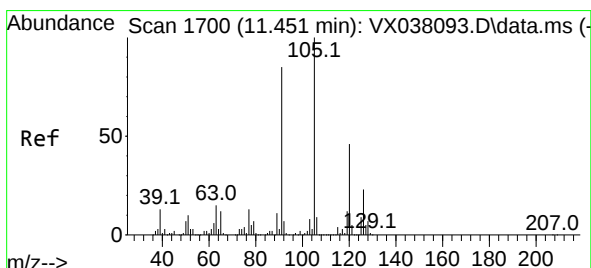
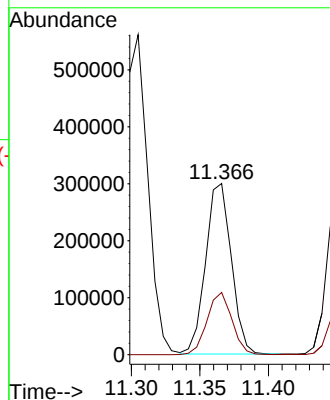
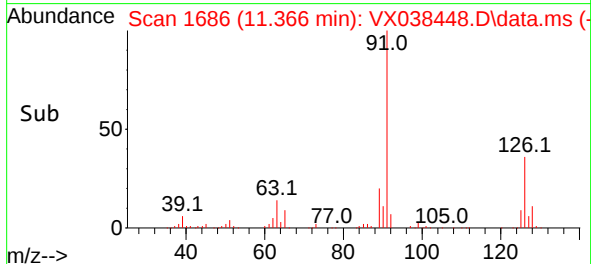
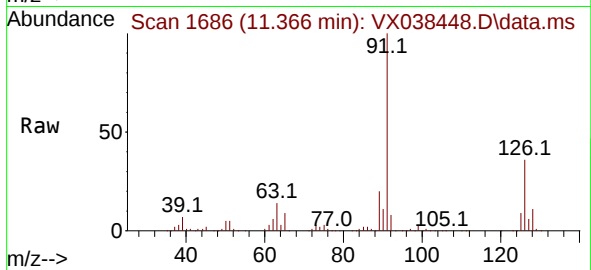
#79
2-Chlorotoluene
Concen: 52.140 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 390492
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8

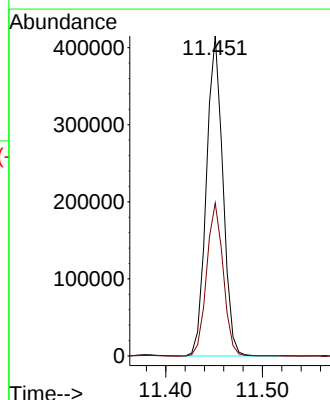
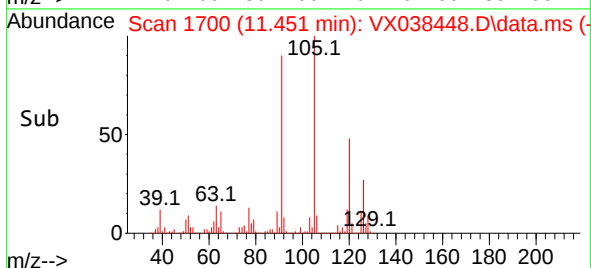
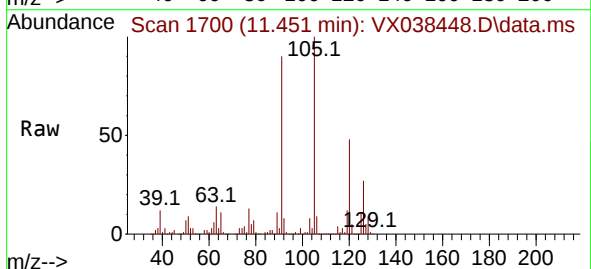
Manual Integrations
APPROVED

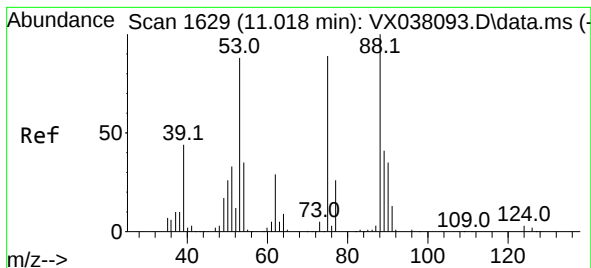
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.137 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion:105 Resp: 491281
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





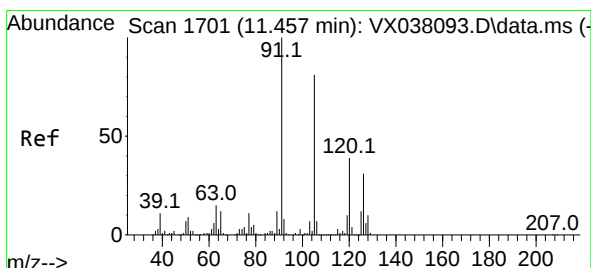
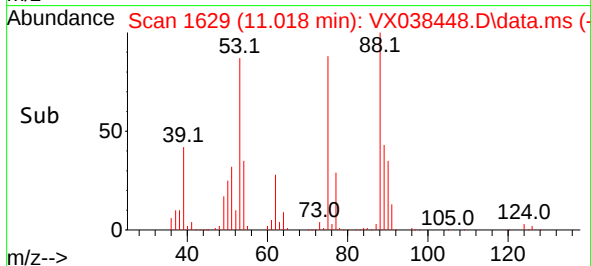
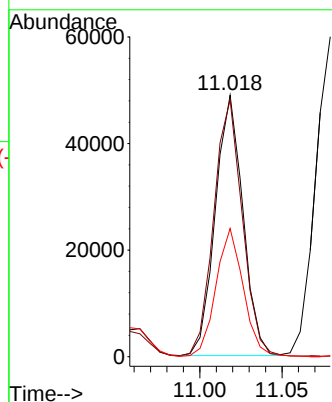
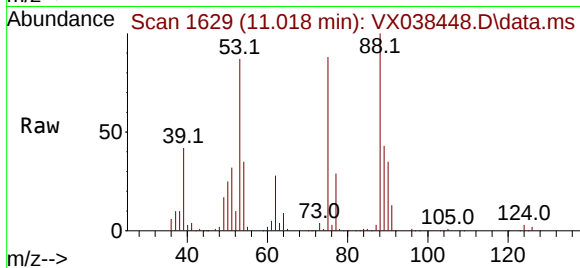
#81
trans-1,4-Dichloro-2-butene
Concen: 47.751 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5701
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 48.9 36.9 55.3

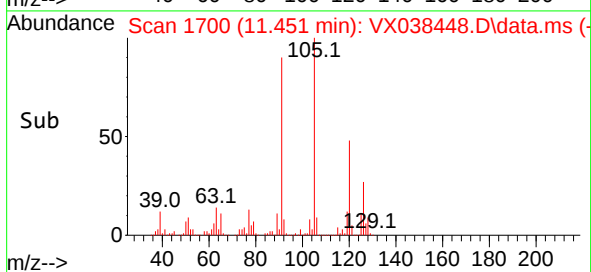
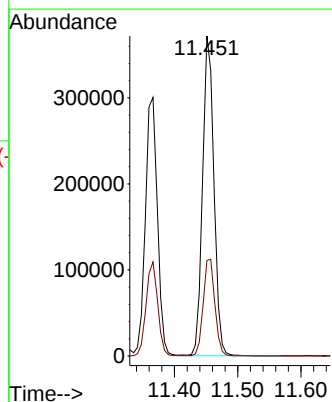
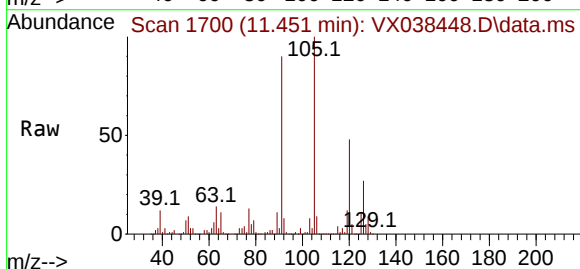
Manual Integrations
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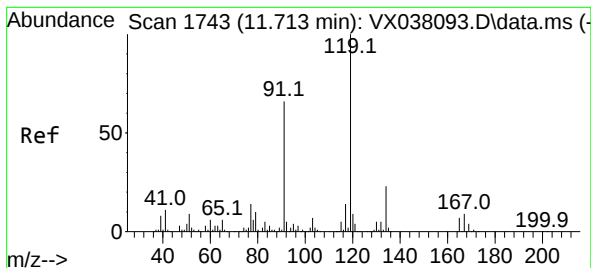
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 52.546 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion: 91 Resp: 465674
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.434 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

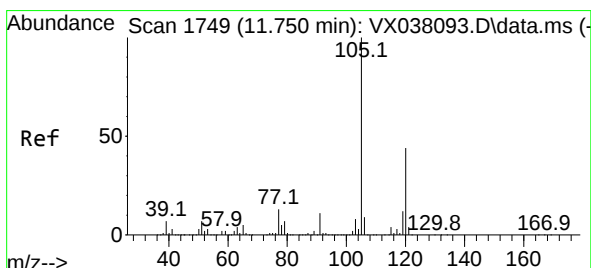
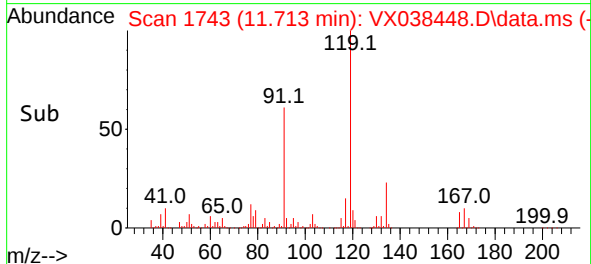
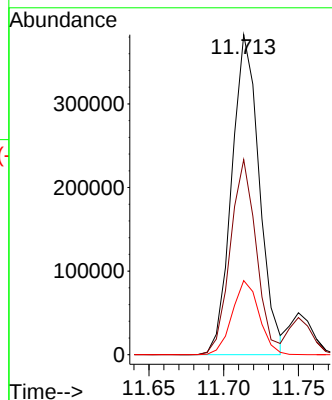
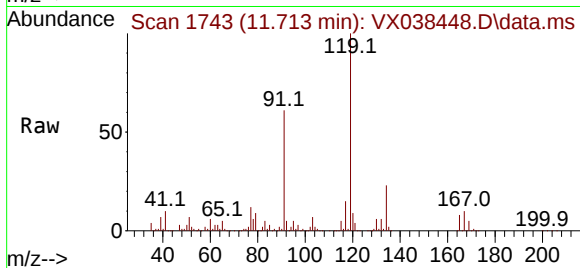
Tgt Ion:119 Resp: 491330
 Ion Ratio Lower Upper
 119 100
 91 57.7 31.2 93.6
 134 22.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 55.272 ug/l

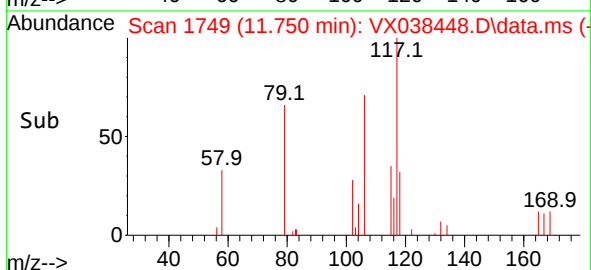
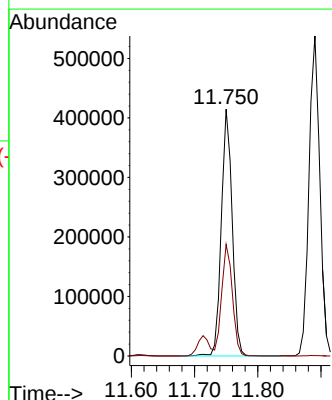
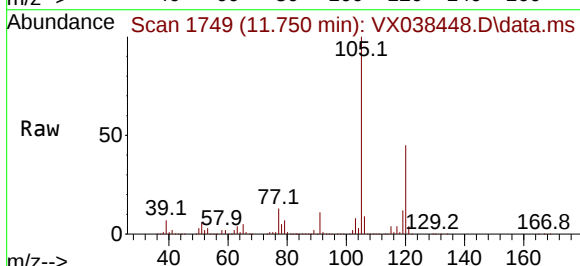
RT: 11.750 min Scan# 1749

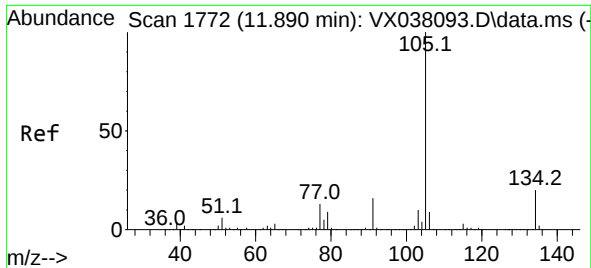
Delta R.T. -0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

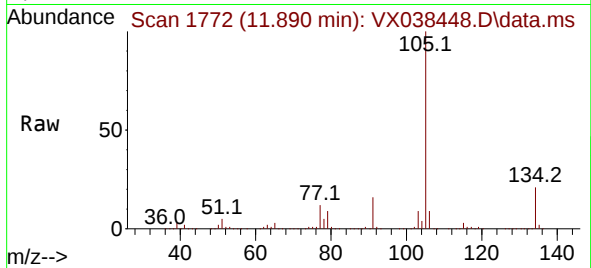
Tgt Ion:105 Resp: 491034
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 56.421 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50

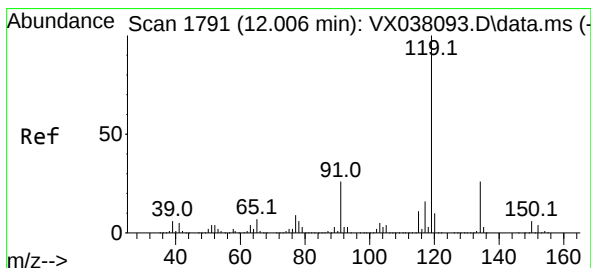
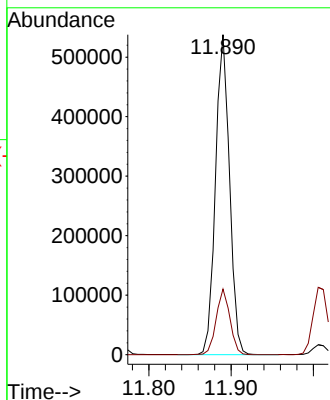
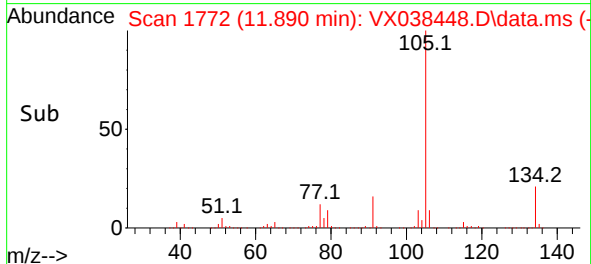
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 63632
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

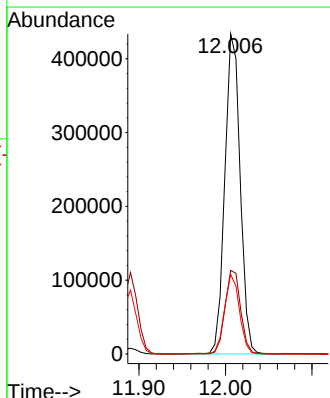
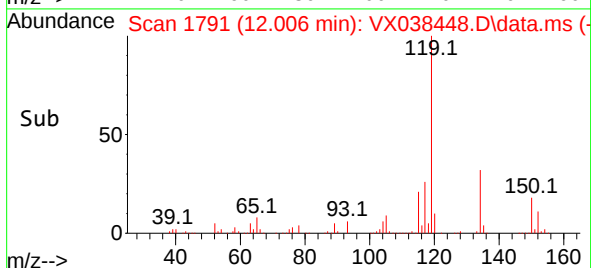
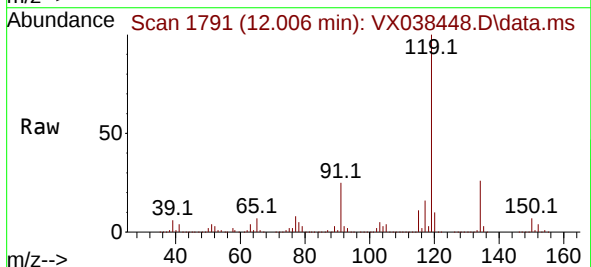
Manual Integrations
 APPROVED

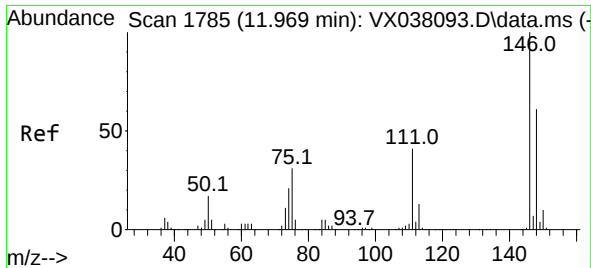
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#86
 p-Isopropyltoluene
 Concen: 57.352 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038448.D
 Acq: 24 Oct 2023 11:50

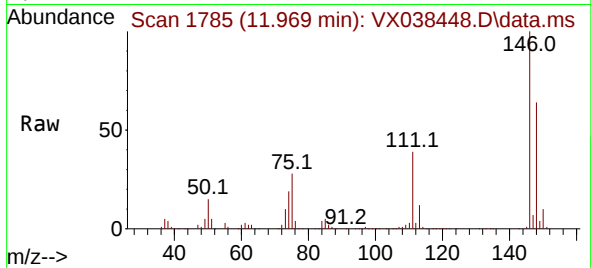
Tgt Ion:119 Resp: 533662
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 24.1 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 56.521 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

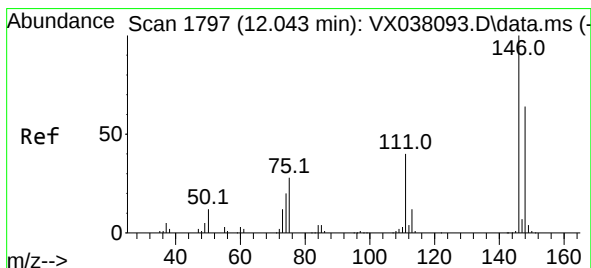
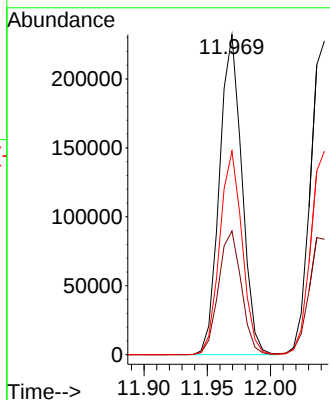
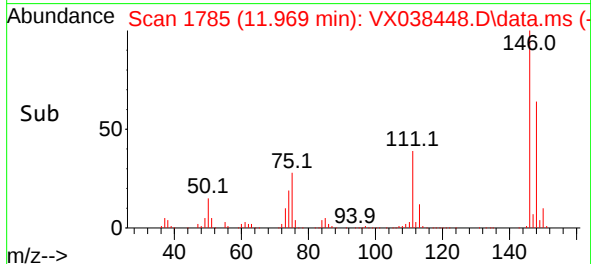
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



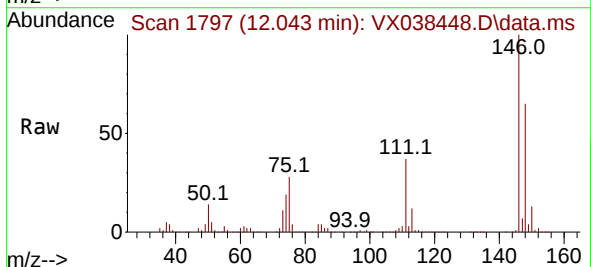
Tgt Ion:146 Resp: 286249
Ion Ratio Lower Upper
146 100
111 39.4 22.1 66.1
148 63.5 31.8 95.3

Manual Integrations
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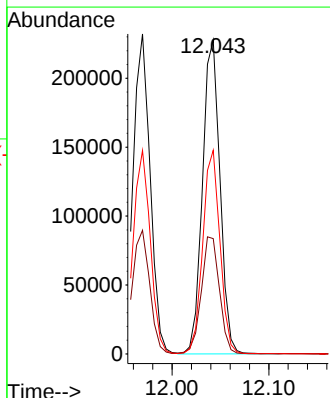
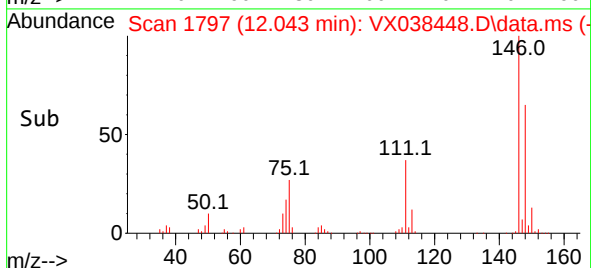
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

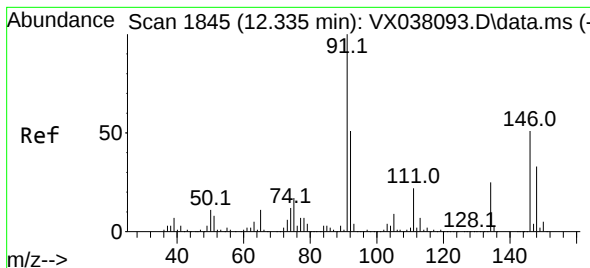


#88
1,4-Dichlorobenzene
Concen: 55.537 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



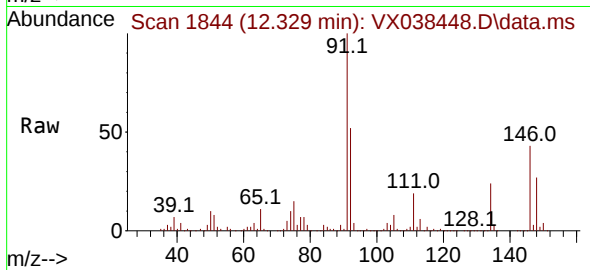
Tgt Ion:146 Resp: 287151
Ion Ratio Lower Upper
146 100
111 38.7 21.3 63.7
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.568 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

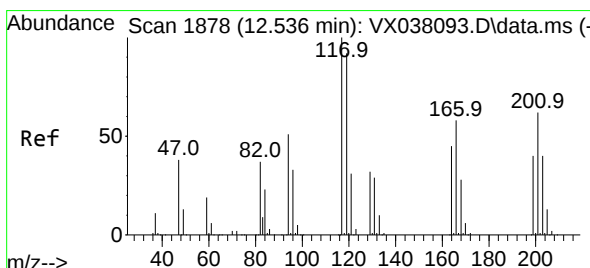
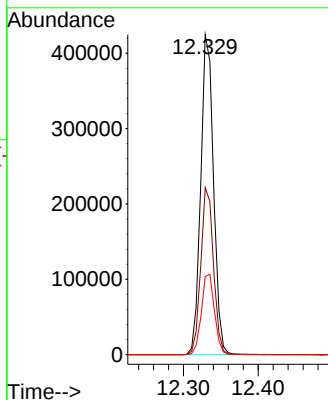
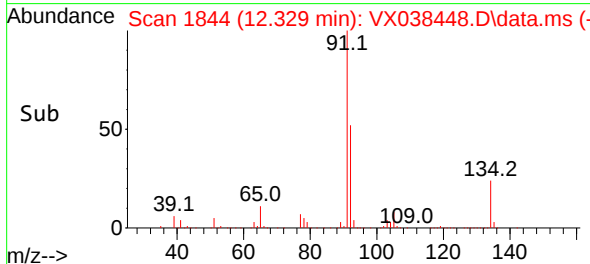
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 505688
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 25.7 12.6 37.8

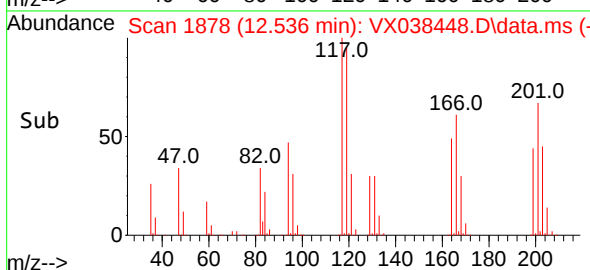
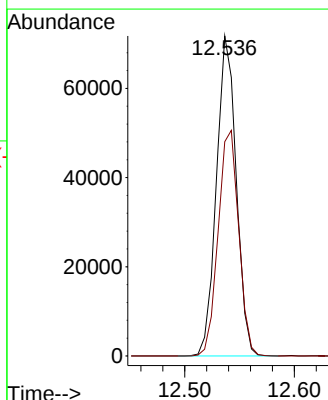
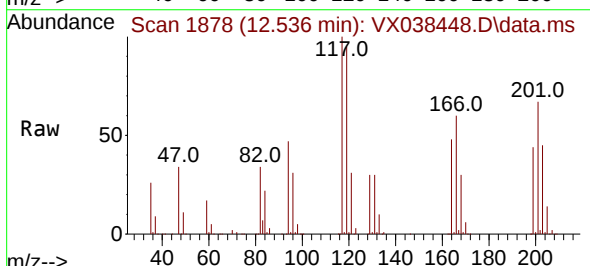
Manual Integrations
APPROVED

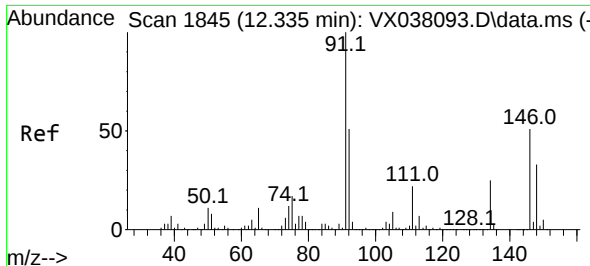
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
Hexachloroethane
Concen: 58.487 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

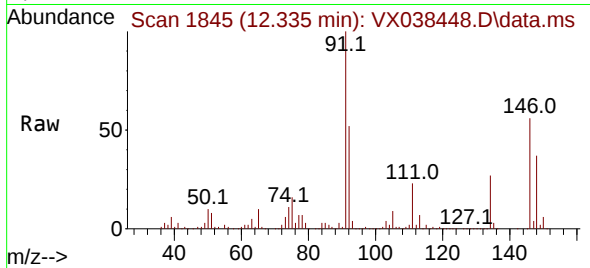
Tgt Ion:117 Resp: 90233
Ion Ratio Lower Upper
117 100
201 73.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 56.845 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

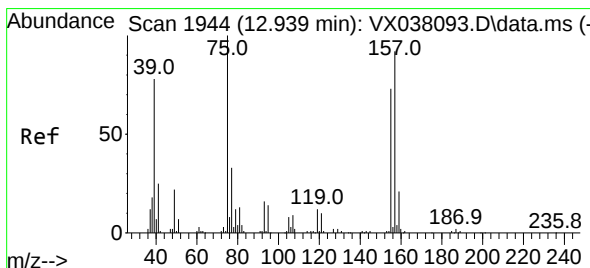
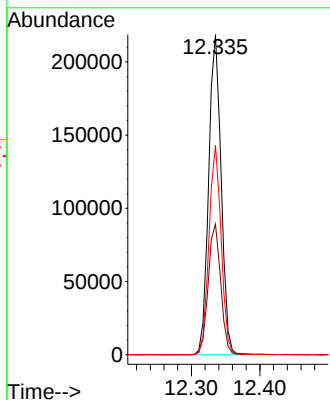
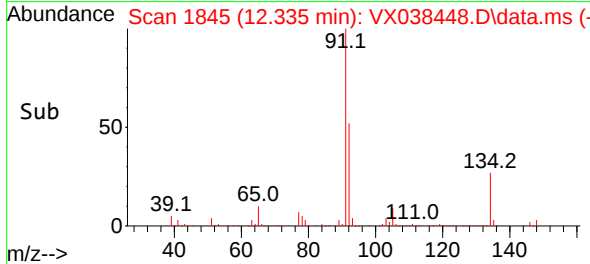
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



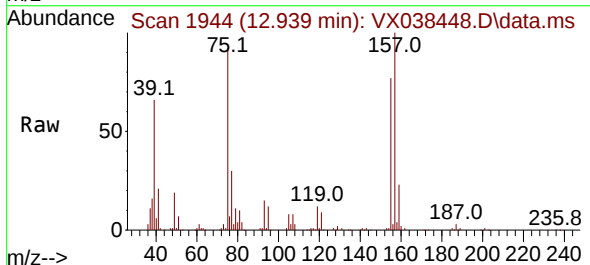
Tgt Ion:146 Resp: 276729
Ion Ratio Lower Upper
146 100
111 40.9 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

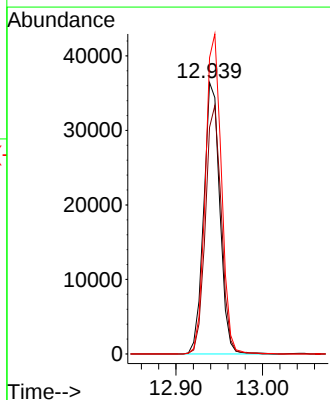
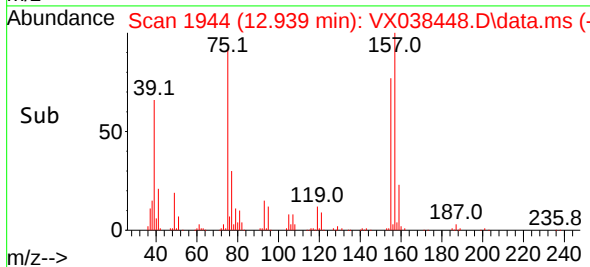
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

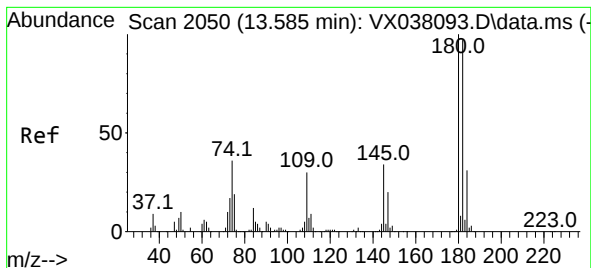


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.087 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50



Tgt Ion: 75 Resp: 46810
Ion Ratio Lower Upper
75 100
155 90.6 36.1 108.5
157 117.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 58.550 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

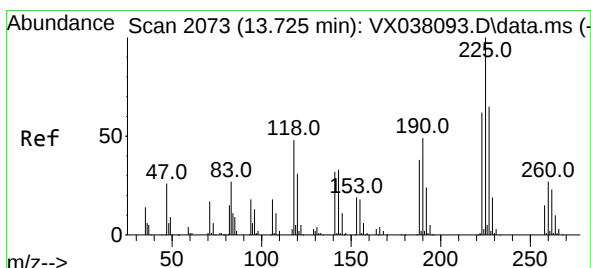
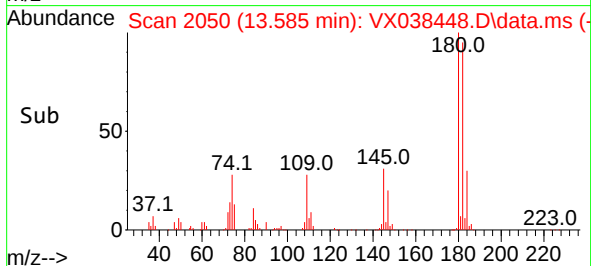
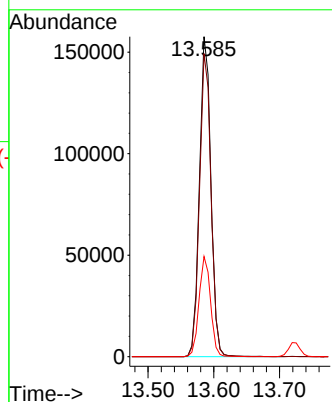
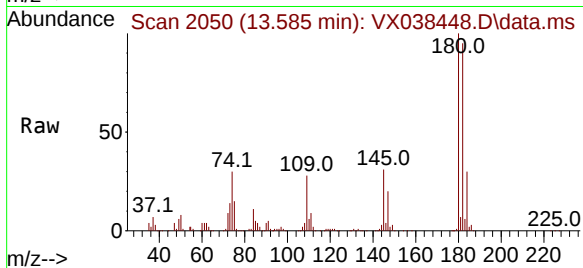
Tgt Ion:180	Resp:	19117
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	31.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

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#94

Hexachlorobutadiene

Concen: 63.729 ug/l

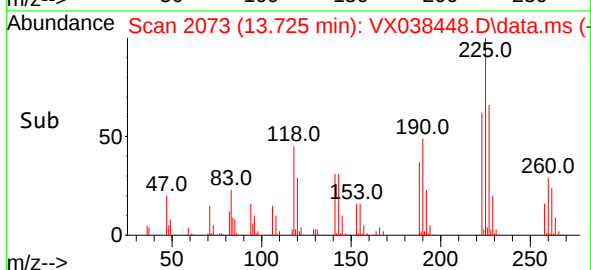
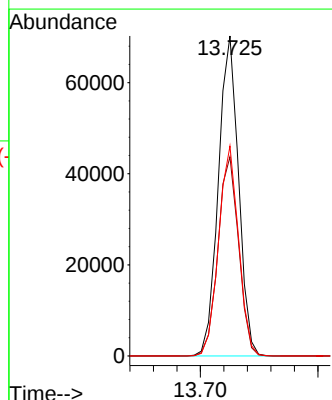
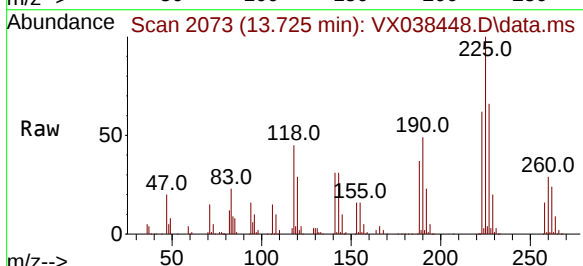
RT: 13.725 min Scan# 2073

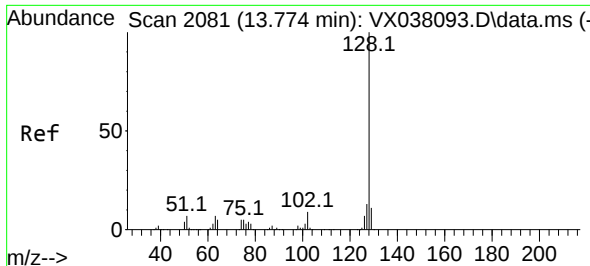
Delta R.T. 0.000 min

Lab File: VX038448.D

Acq: 24 Oct 2023 11:50

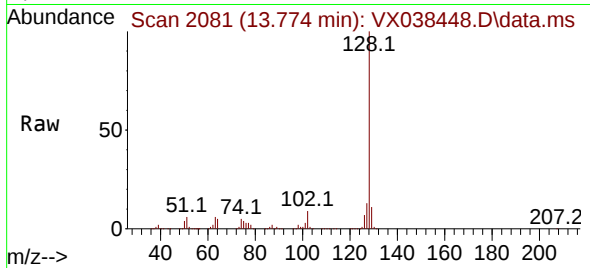
Tgt Ion:225	Resp:	83750
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.1 93.2
227	65.1	32.5 97.5





#95
Naphthalene
Concen: 54.167 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

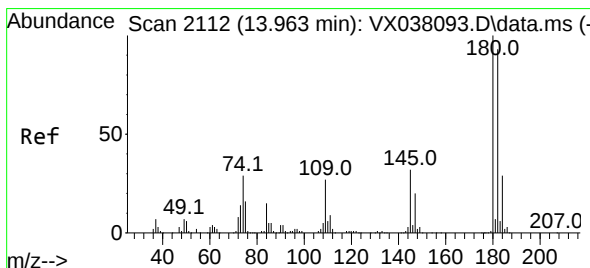
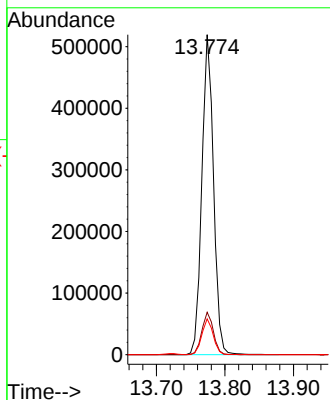
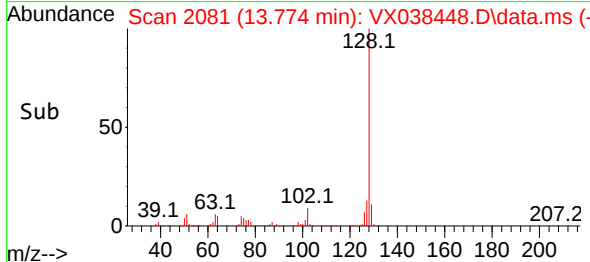
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 61591
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.274 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038448.D
Acq: 24 Oct 2023 11:50

Tgt Ion:180 Resp: 184234
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 32.6 17.8 53.5

