

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039193.D
 Acq On : 13 Dec 2023 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115339	50.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.000%
35) Dibromofluoromethane	5.379	113	80548	50.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	8.647	98	300502	51.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	122032	50.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	97453	55.078	ug/l	97
3) Chloromethane	1.294	50	101877	51.937	ug/l	98
4) Vinyl Chloride	1.374	62	95189	52.179	ug/l	99
5) Bromomethane	1.599	94	55776	53.143	ug/l	98
6) Chloroethane	1.684	64	54462	49.540	ug/l	99
7) Trichlorofluoromethane	1.886	101	137241	51.376	ug/l	99
8) Diethyl Ether	2.130	74	46540	50.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84065	51.570	ug/l	97
10) Methyl Iodide	2.453	142	93282	55.362	ug/l	95
11) Tert butyl alcohol	2.953	59	147858	255.256	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	82613	51.019	ug/l	95
13) Acrolein	2.233	56	119915	259.496	ug/l	99
14) Allyl chloride	2.660	41	167978	51.209	ug/l	97
15) Acrylonitrile	3.056	53	296893	256.064	ug/l	99
16) Acetone	2.373	43	326112	243.184	ug/l	95
17) Carbon Disulfide	2.507	76	241843	51.038	ug/l	100
18) Methyl Acetate	2.696	43	249494	50.006	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	297928	50.875	ug/l	98
20) Methylene Chloride	2.788	84	95261	49.540	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	88800	50.398	ug/l	96
22) Diisopropyl ether	3.757	45	305162	51.107	ug/l	87
23) Vinyl Acetate	3.715	43	1181724	265.839	ug/l	99
24) 1,1-Dichloroethane	3.605	63	170464	50.503	ug/l	98
25) 2-Butanone	4.544	43	452887	227.522	ug/l	99
26) 2,2-Dichloropropane	4.471	77	151132	51.288	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	100138	51.491	ug/l	96
28) Bromochloromethane	4.891	49	83464	50.679	ug/l	94
29) Tetrahydrofuran	4.995	42	279220	254.009	ug/l	99
30) Chloroform	5.086	83	171652	50.889	ug/l	99
31) Cyclohexane	5.464	56	153339	51.467	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	151021	51.575	ug/l	99
36) 1,1-Dichloropropene	5.690	75	129050	51.537	ug/l	99
37) Ethyl Acetate	4.702	43	161943	52.348	ug/l	100
38) Carbon Tetrachloride	5.672	117	124004	51.893	ug/l	97
39) Methylcyclohexane	7.379	83	157750	52.447	ug/l	98
40) Benzene	6.031	78	364953	51.523	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	84310	51.079	ug/l	95
42) 1,2-Dichloroethane	6.080	62	148092	51.650	ug/l	99
43) Isopropyl Acetate	6.336	43	257873	51.260	ug/l	100
44) Trichloroethene	7.123	130	90116	50.416	ug/l	93
45) 1,2-Dichloropropane	7.427	63	96809	50.925	ug/l	97
46) Dibromomethane	7.574	93	68104	50.964	ug/l	96
47) Bromodichloromethane	7.818	83	135835	53.163	ug/l	97
48) Methyl methacrylate	7.689	41	154602	52.568	ug/l	96
49) 1,4-Dioxane	7.653	88	44541	1123.545	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	827684	258.227	ug/l	99
52) Toluene	8.714	92	220529	51.583	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	151611	53.896	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	158613	52.404	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	90989	50.980	ug/l	94
56) Ethyl methacrylate	9.116	69	118147	54.225	ug/l	96
57) 1,3-Dichloropropane	9.305	76	157403	51.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	327355	255.868	ug/l	95
59) 2-Hexanone	9.427	43	670085	242.235	ug/l	100
60) Dibromochloromethane	9.518	129	95620	52.974	ug/l	99
61) 1,2-Dibromoethane	9.610	107	98446	51.669	ug/l	99
64) Tetrachloroethene	9.268	164	69431	50.791	ug/l	94
65) Chlorobenzene	10.079	112	229190	50.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	84631	52.473	ug/l	98
67) Ethyl Benzene	10.189	91	440080	51.778	ug/l	96
68) m/p-Xylenes	10.299	106	317597	104.218	ug/l	94
69) o-Xylene	10.640	106	153077	51.953	ug/l	92
70) Styrene	10.652	104	226061	52.481	ug/l	94
71) Bromoform	10.799	173	64424	53.739	ug/l #	100
73) Isopropylbenzene	10.963	105	417642	51.868	ug/l	99
74) N-amyl acetate	10.841	43	221538	54.379	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	153427	51.221	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	134787m	49.921	ug/l	
77) Bromobenzene	11.195	156	91747	51.527	ug/l	91
78) n-propylbenzene	11.305	91	514748	51.886	ug/l	97
79) 2-Chlorotoluene	11.360	91	303569	50.588	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	356265	51.938	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	49929	52.166	ug/l	94
82) 4-Chlorotoluene	11.451	91	363380	51.556	ug/l	95
83) tert-Butylbenzene	11.713	119	336727	51.581	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	366983	52.170	ug/l	98
85) sec-Butylbenzene	11.890	105	433193	52.148	ug/l	97
86) p-Isopropyltoluene	12.006	119	365224	52.388	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	177805	50.829	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178883	49.114	ug/l	98
89) n-Butylbenzene	12.329	91	367571	53.635	ug/l	96
90) Hexachloroethane	12.536	117	68089	54.068	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	169014	50.497	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42127	53.396	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	113907	51.973	ug/l	98
94) Hexachlorobutadiene	13.725	225	42808	51.830	ug/l	99
95) Naphthalene	13.774	128	402197	52.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	110297	52.132	ug/l	99

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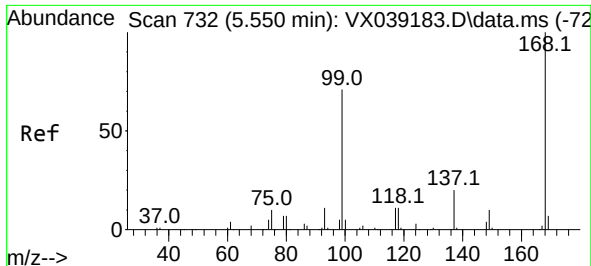
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/14/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

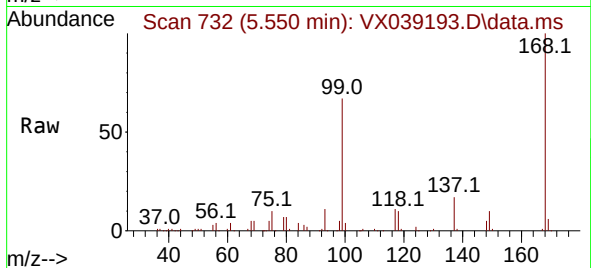
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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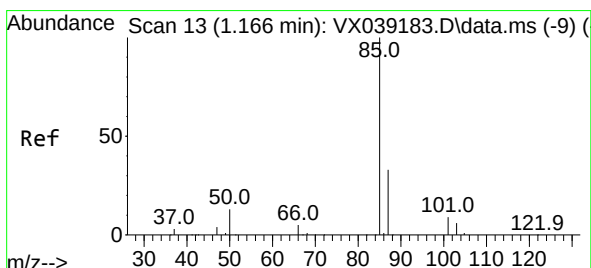
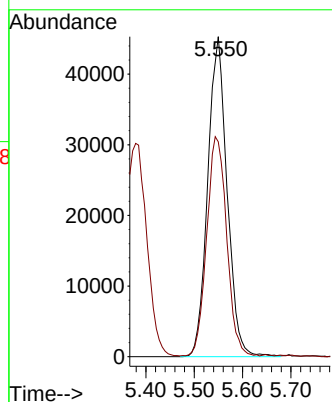
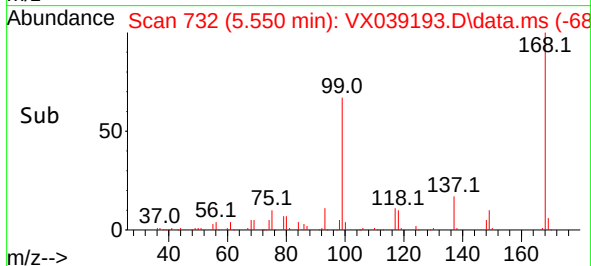
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12591
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0

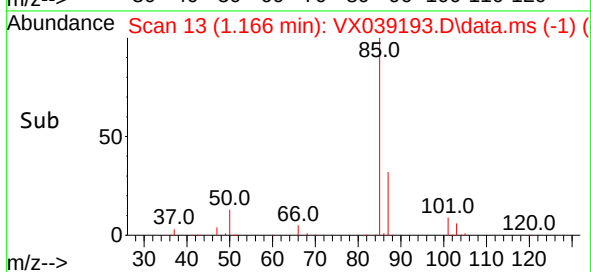
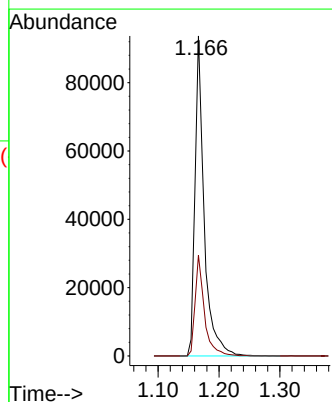
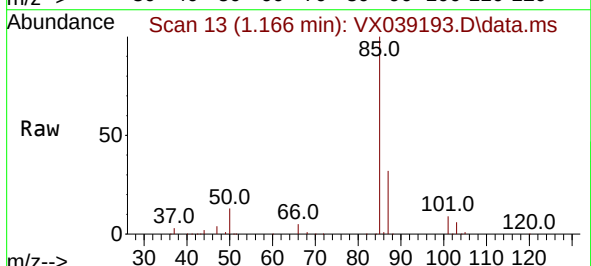
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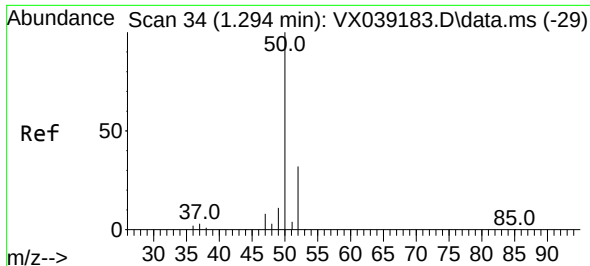
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 55.078 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

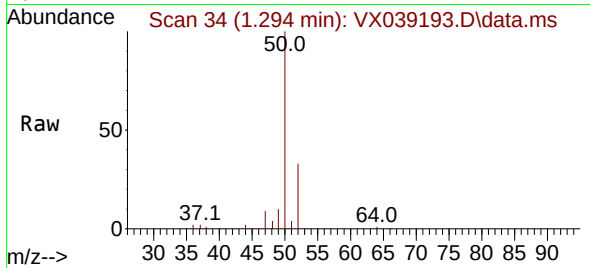
Tgt Ion: 85 Resp: 97453
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 51.937 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

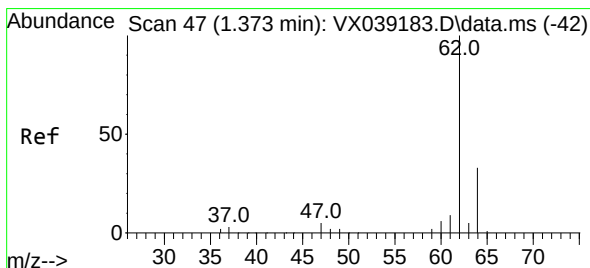
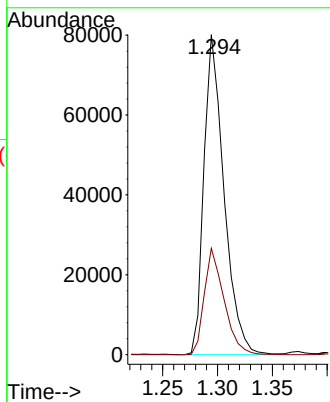
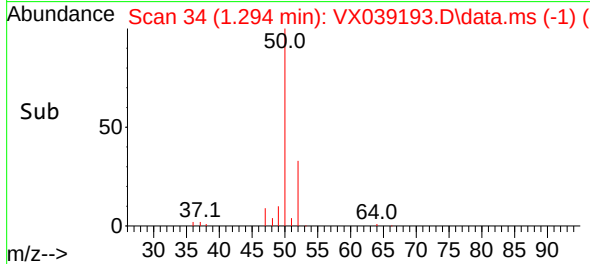
Instrument :
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Tgt Ion: 50 Resp: 10187
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

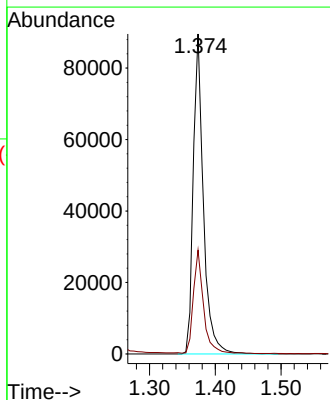
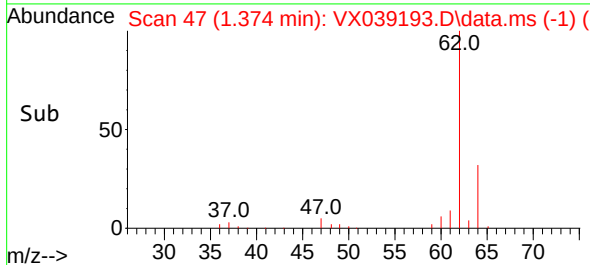
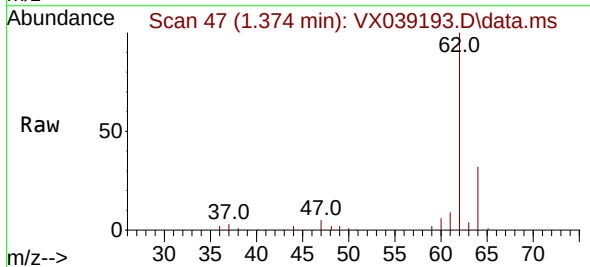
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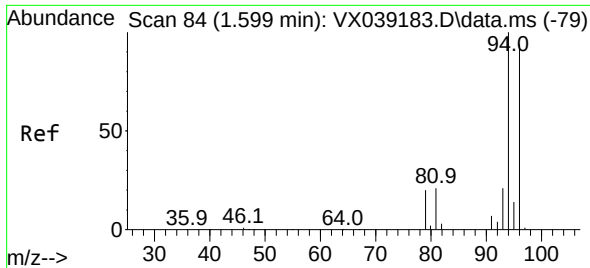
Reviewed By :John Carlone 12/14/2023
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#4
Vinyl Chloride
Concen: 52.179 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

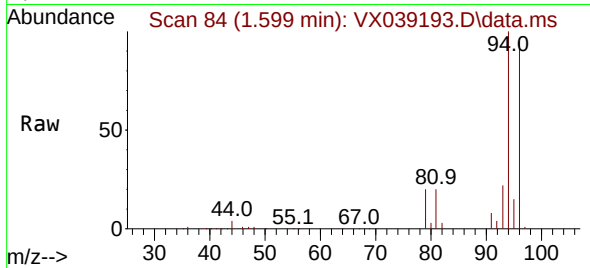
Tgt Ion: 62 Resp: 95189
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 53.143 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

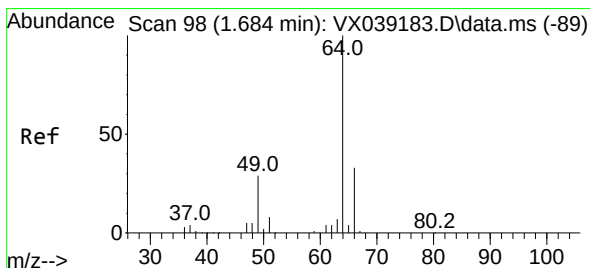
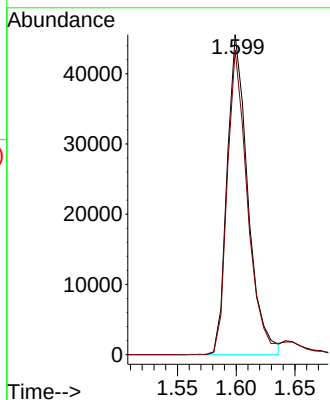
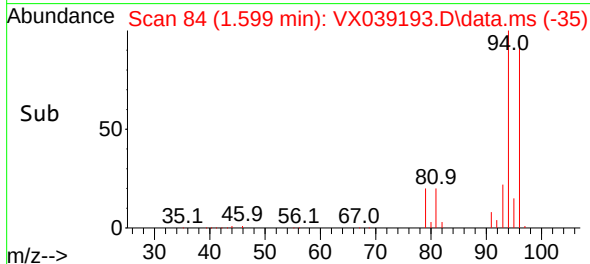
Instrument :
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Tgt Ion: 94 Resp: 55770
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

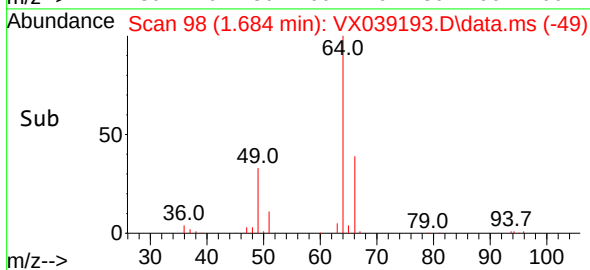
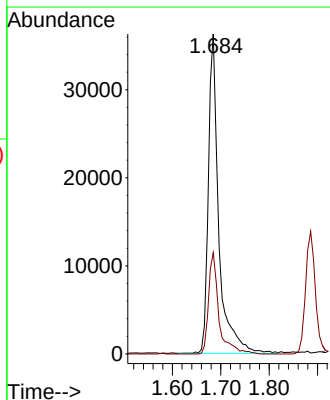
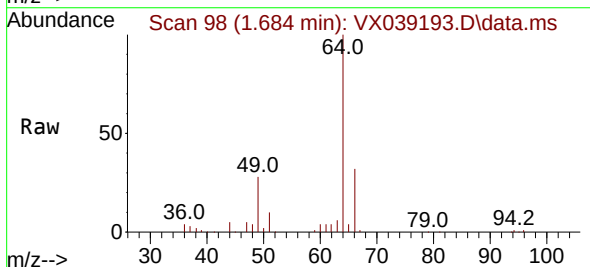
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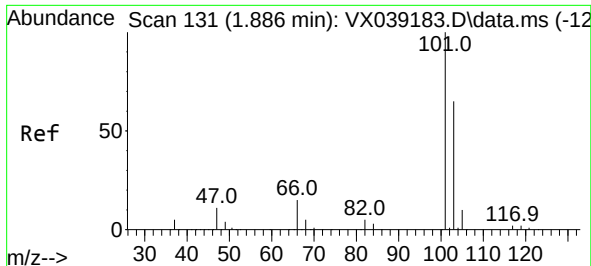
Reviewed By :John Carlone 12/14/2023
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#6
Chloroethane
Concen: 49.540 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

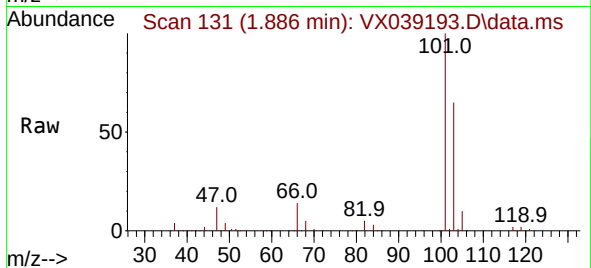
Tgt Ion: 64 Resp: 54462
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.376 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

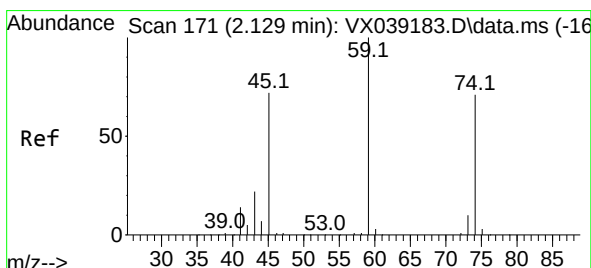
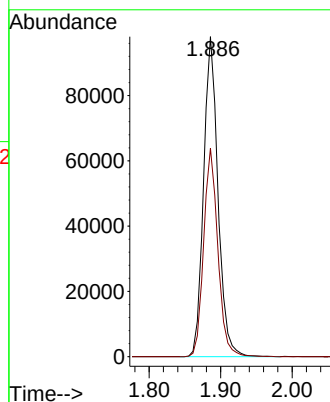
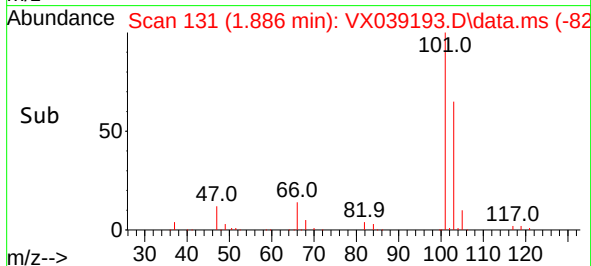
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 13724
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2

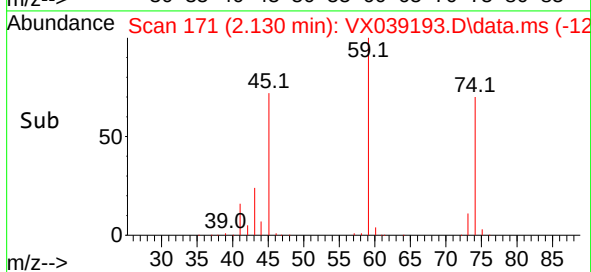
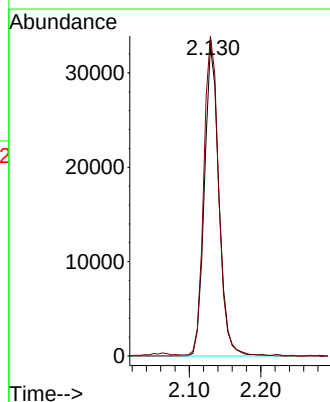
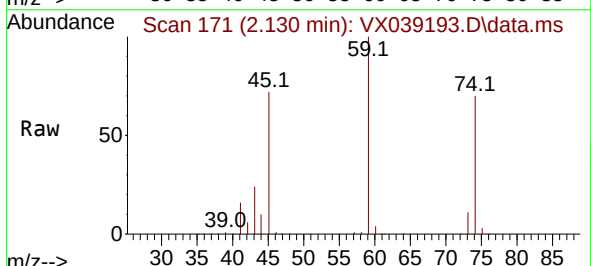
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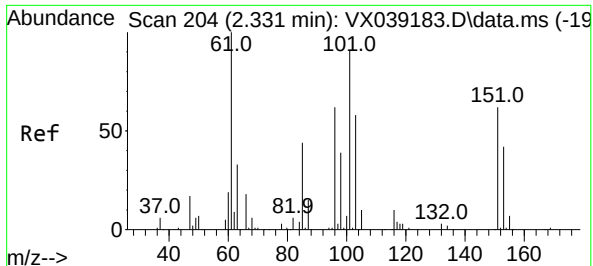
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#8
 Diethyl Ether
 Concen: 50.339 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 46540
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.3 159.8





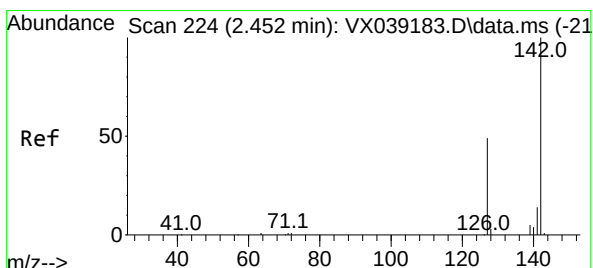
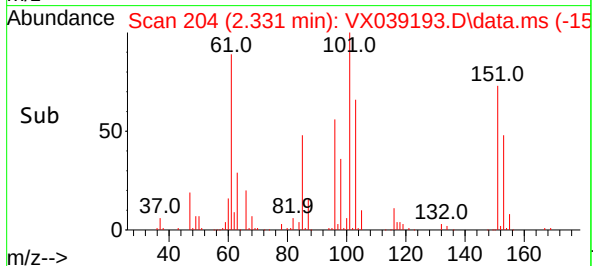
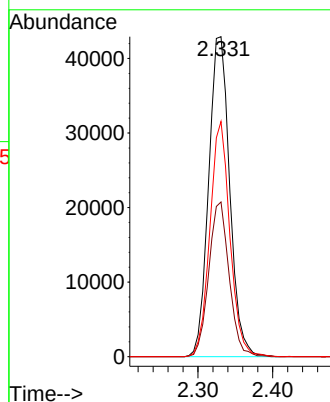
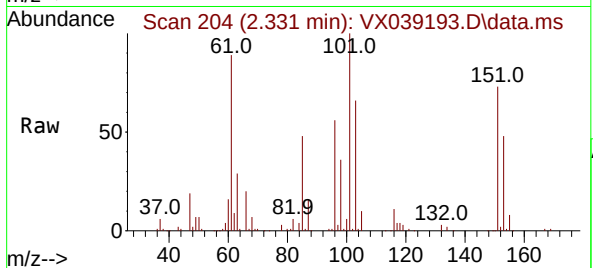
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.570 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039193.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8406
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 70.1 58.6 87.8

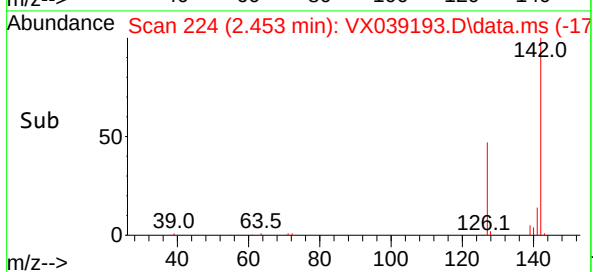
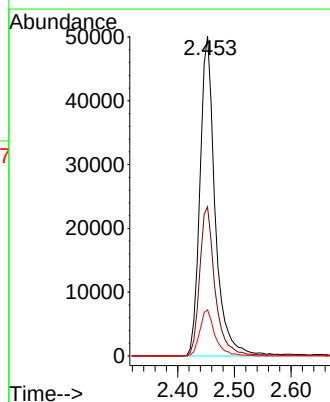
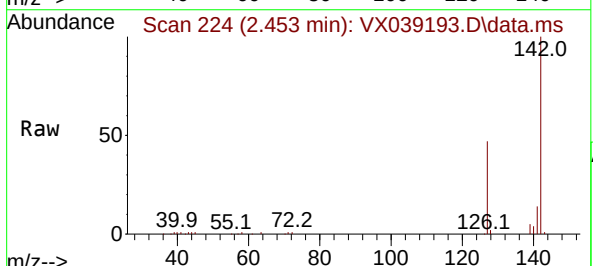
Manual Integrations
APPROVED

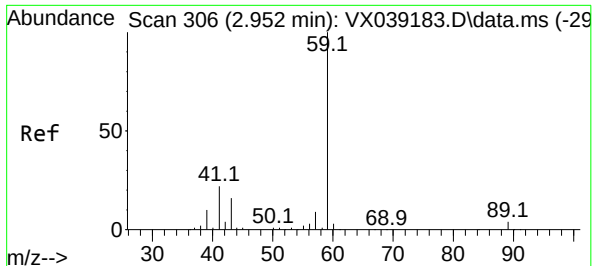
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 55.362 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:142 Resp: 93282
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 255.256 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 14785

Ion Ratio Lower Upper

59 100

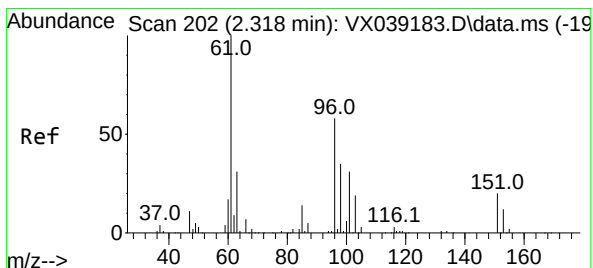
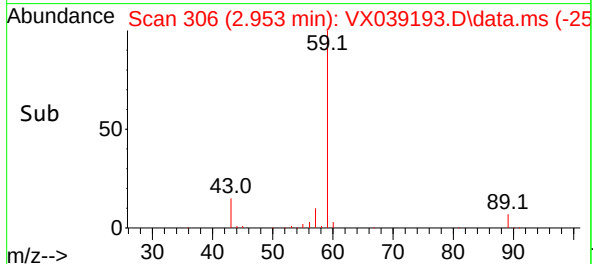
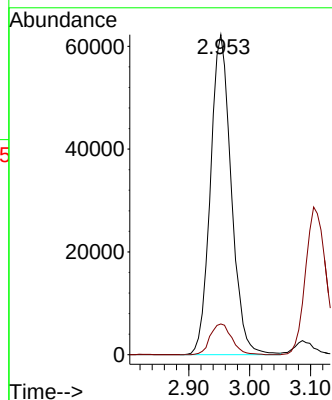
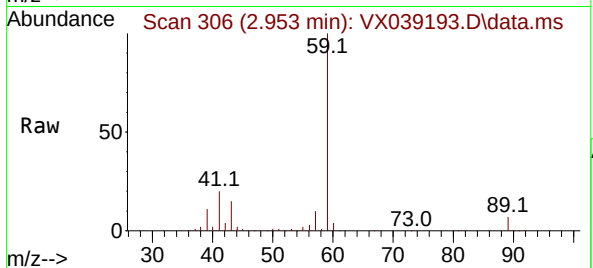
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#12

1,1-Dichloroethene

Concen: 51.019 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

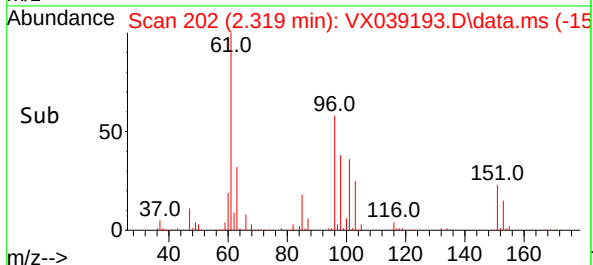
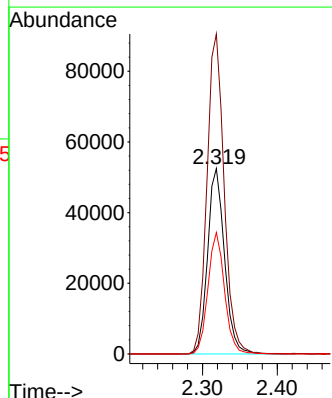
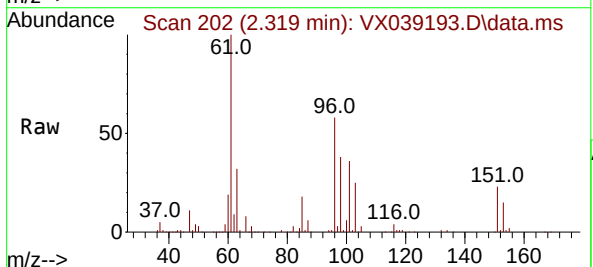
Tgt Ion: 96 Resp: 82613

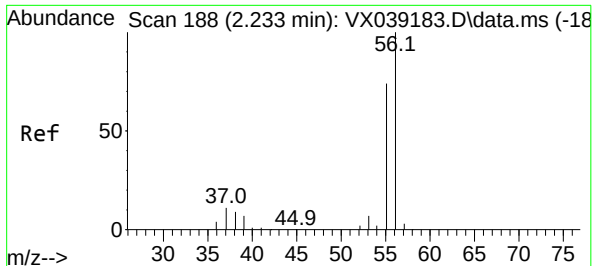
Ion Ratio Lower Upper

96 100

61 172.5 144.6 216.8

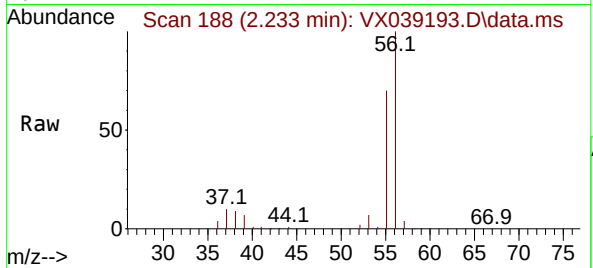
98 65.5 50.4 75.6





#13
Acrolein
Concen: 259.496 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

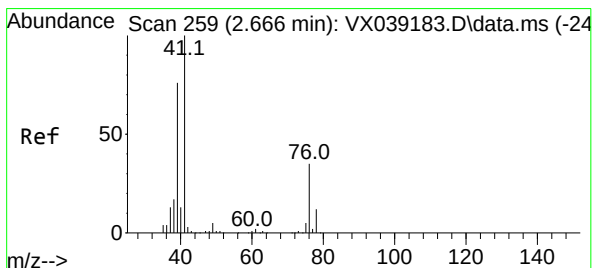
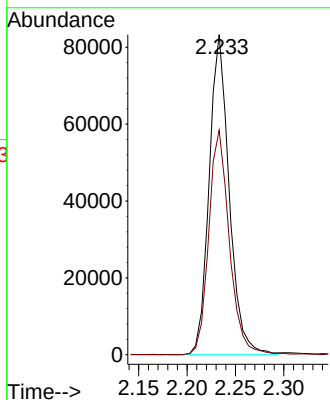
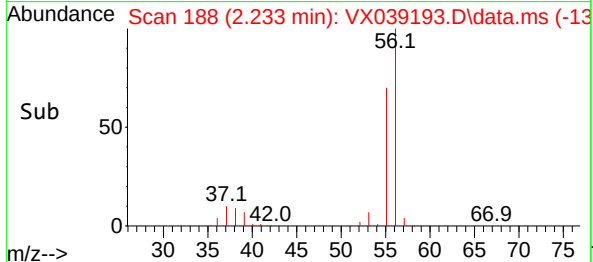
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119915
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

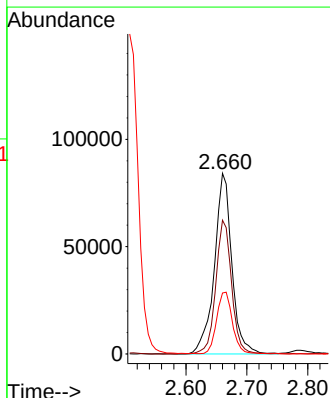
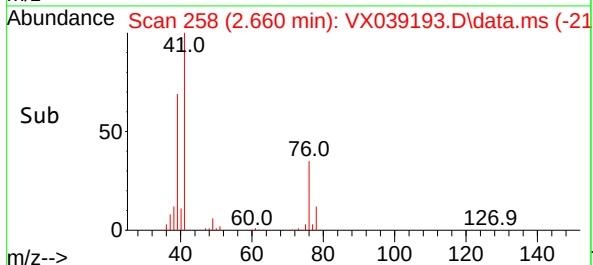
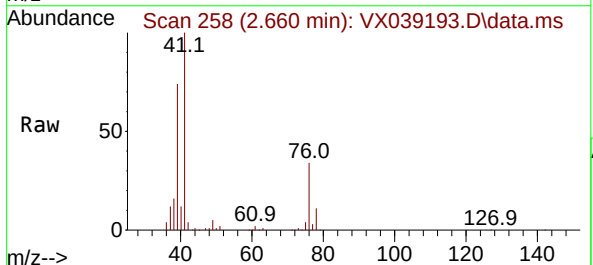
Manual Integrations
APPROVED

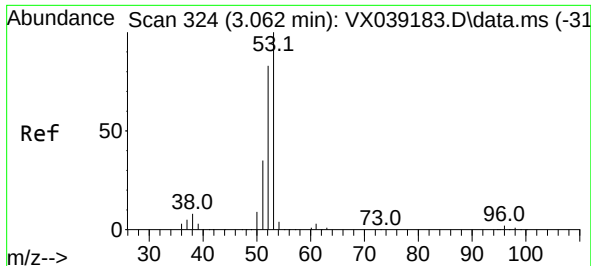
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 51.209 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 41 Resp: 167978
Ion Ratio Lower Upper
41 100
39 66.7 55.8 83.6
76 30.8 24.3 36.5





#15

Acrylonitrile

Concen: 256.064 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 29689

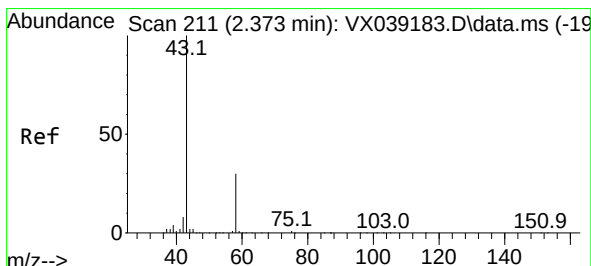
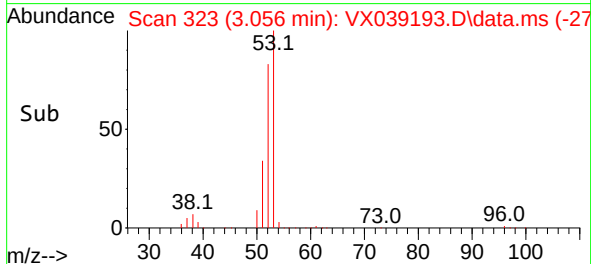
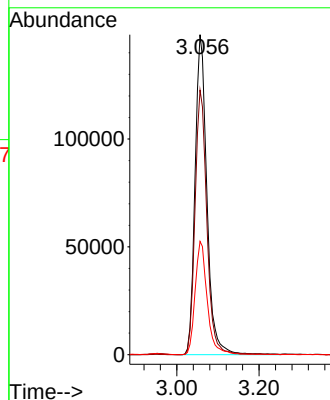
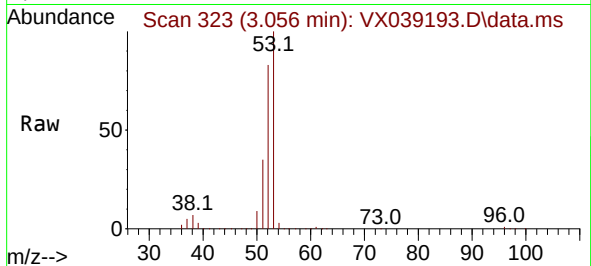
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	36.2	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#16

Acetone

Concen: 243.184 ug/l

RT: 2.373 min Scan# 211

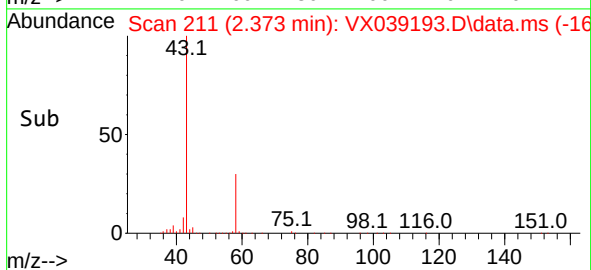
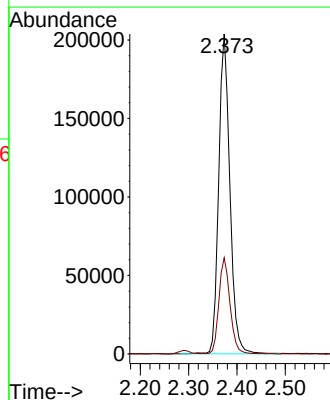
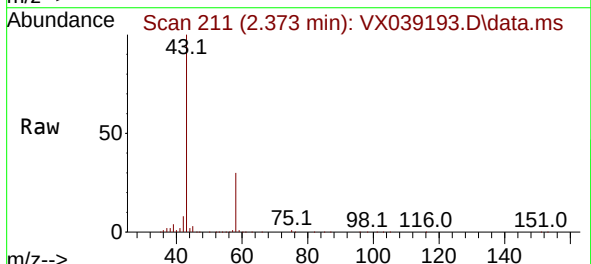
Delta R.T. 0.000 min

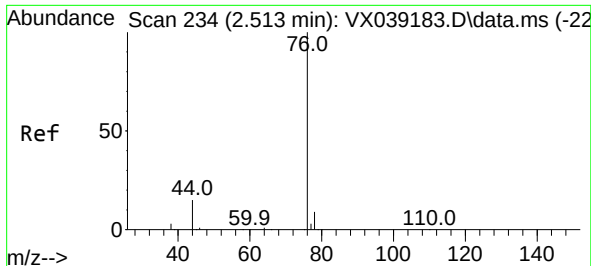
Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion: 43 Resp: 326112

Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.9	32.9





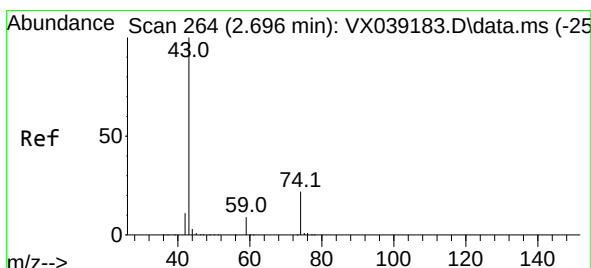
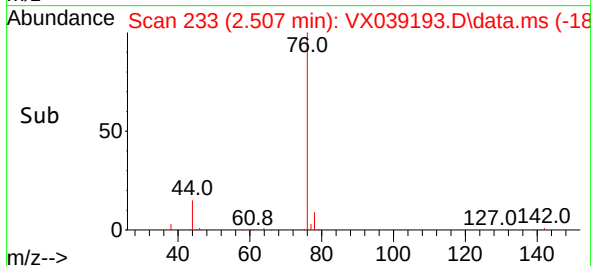
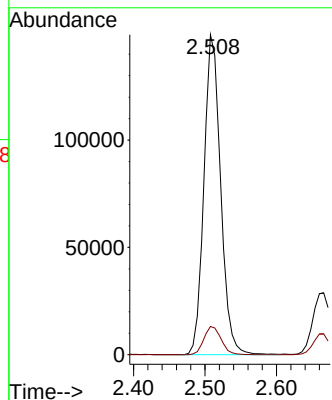
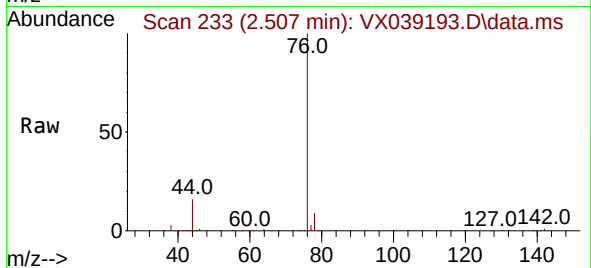
#17
Carbon Disulfide
Concen: 51.038 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 24184
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

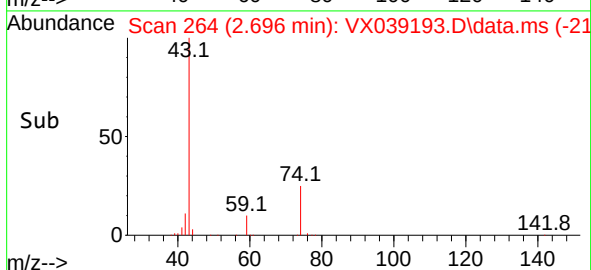
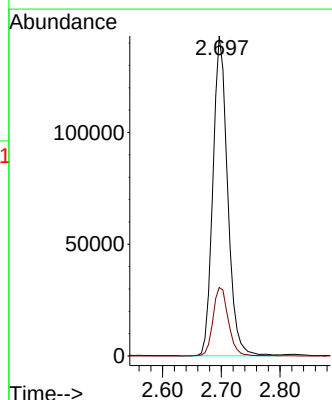
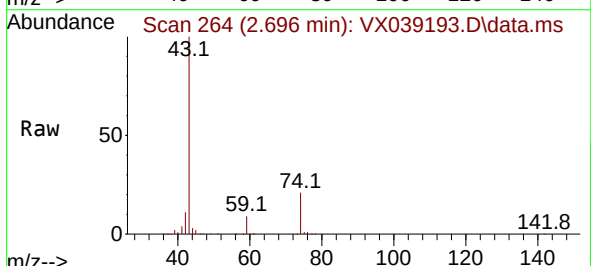
Manual Integrations
APPROVED

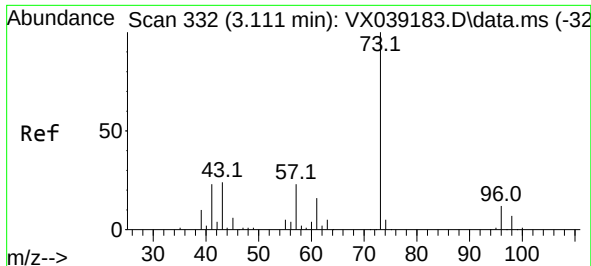
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 50.006 ug/l
RT: 2.696 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

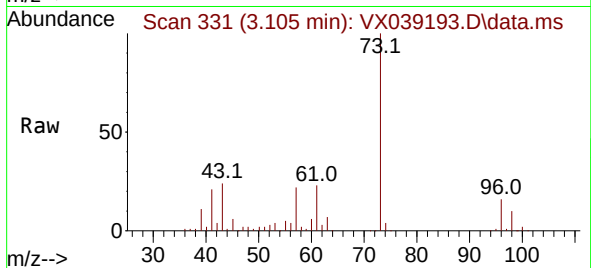
Tgt Ion: 43 Resp: 249494
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.875 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

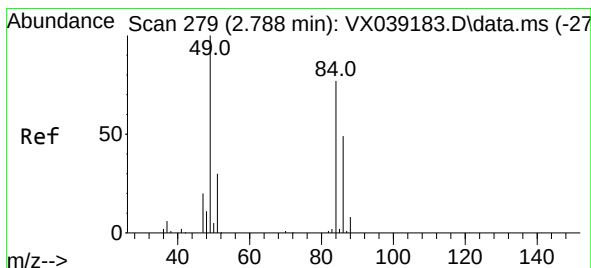
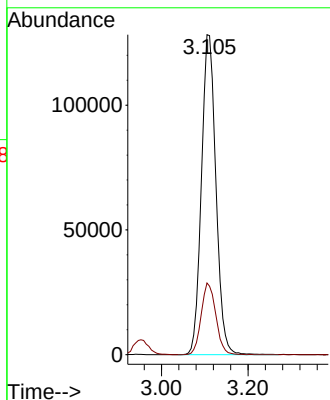
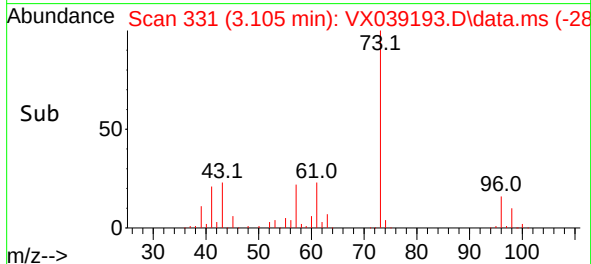
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 297928
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

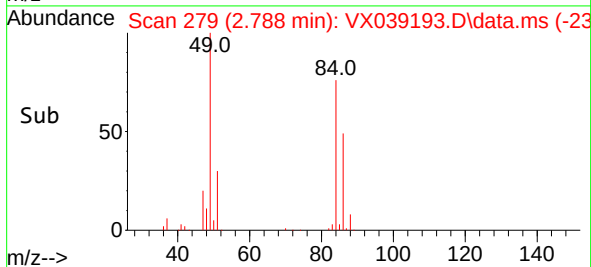
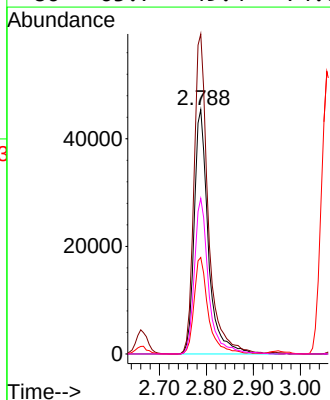
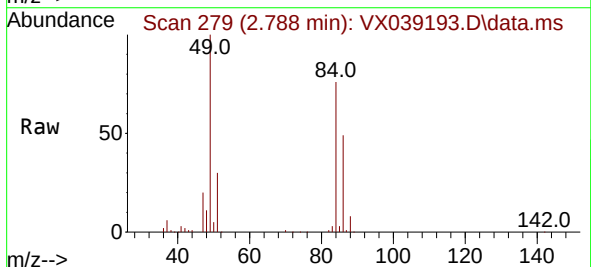
Manual Integrations
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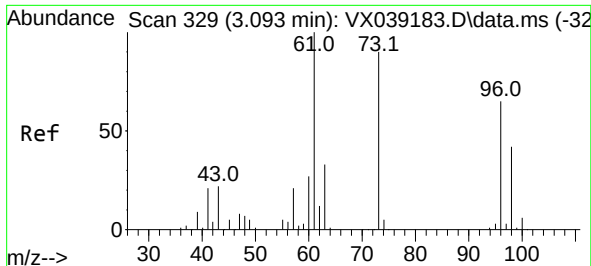
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 49.540 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 84 Resp: 95261
Ion Ratio Lower Upper
84 100
49 131.0 103.6 155.4
51 39.5 33.8 50.6
86 63.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 50.398 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 88800

Ion Ratio Lower Upper

96 100

61 154.5 119.2 178.8

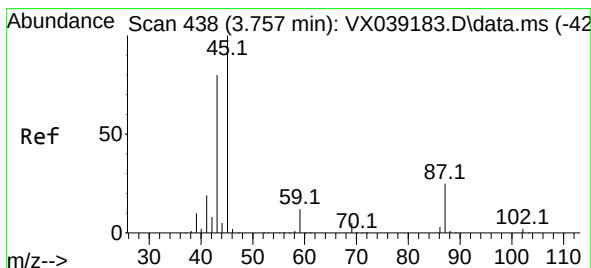
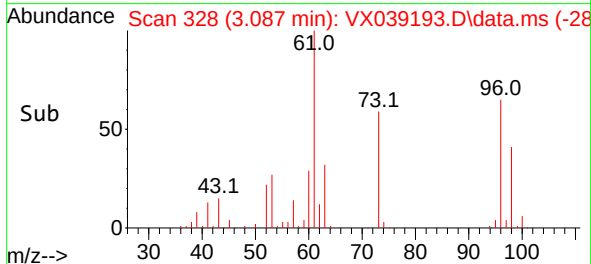
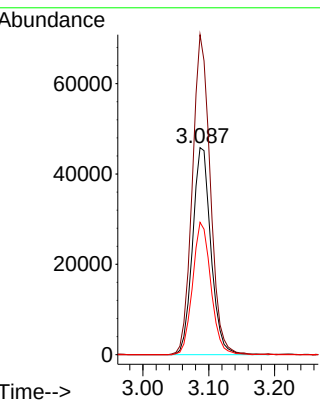
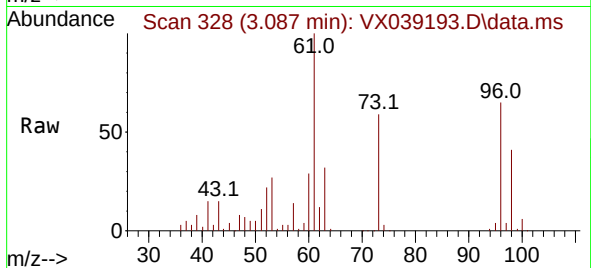
98 63.9 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#22

Diisopropyl ether

Concen: 51.107 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion: 45 Resp: 305162

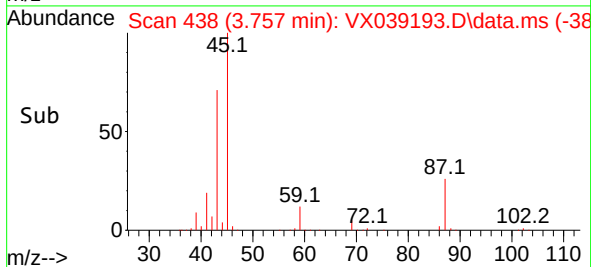
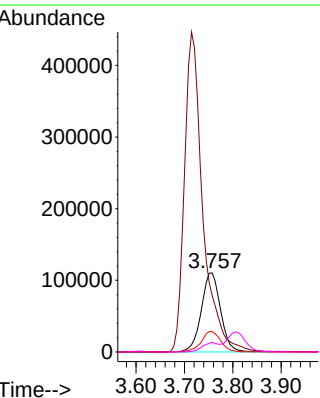
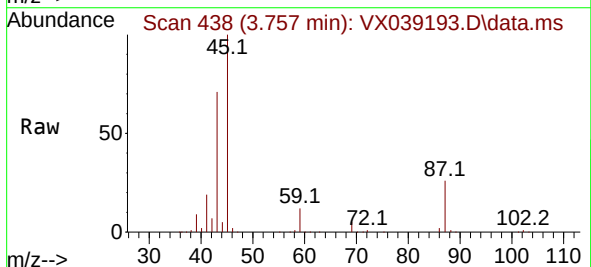
Ion Ratio Lower Upper

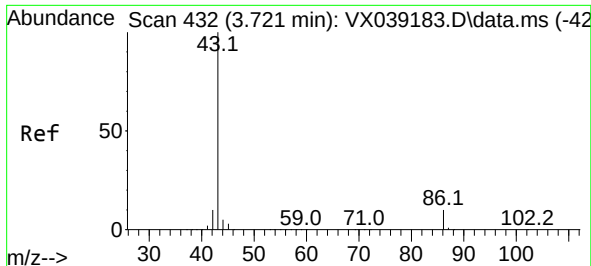
45 100

43 71.0 69.7 104.5

87 25.7 20.8 31.2

59 12.1 9.0 13.4





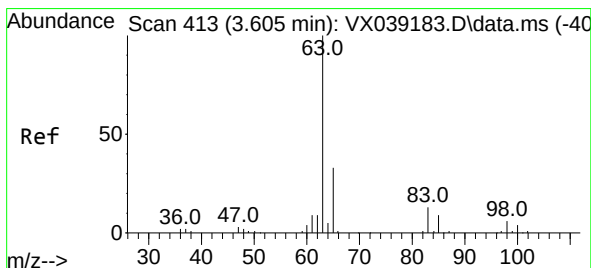
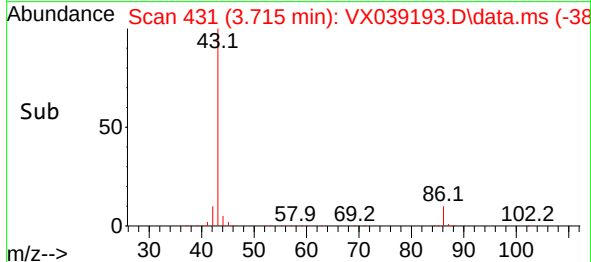
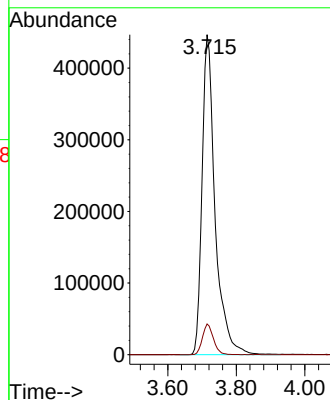
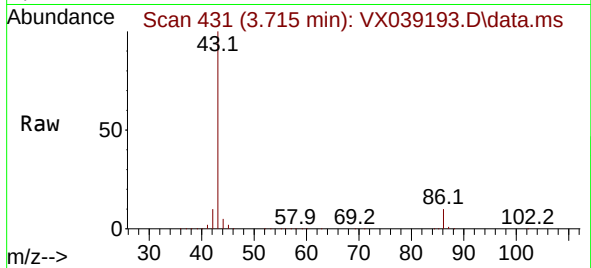
#23
 Vinyl Acetate
 Concen: 265.839 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1181724
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

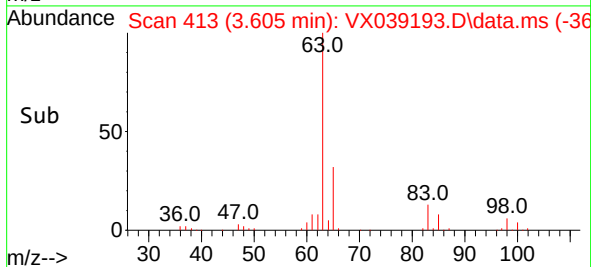
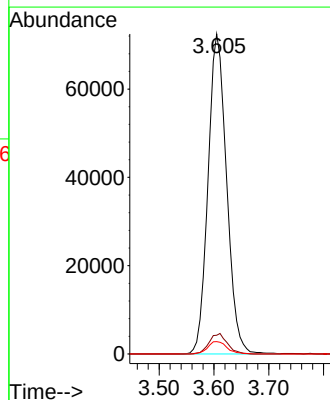
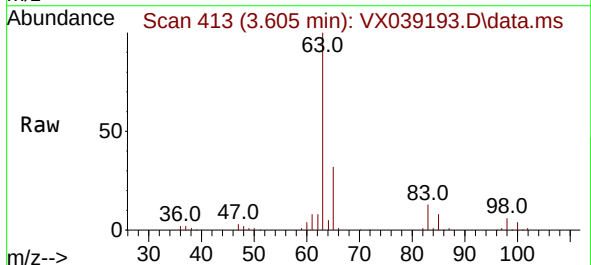
Manual Integrations
 APPROVED

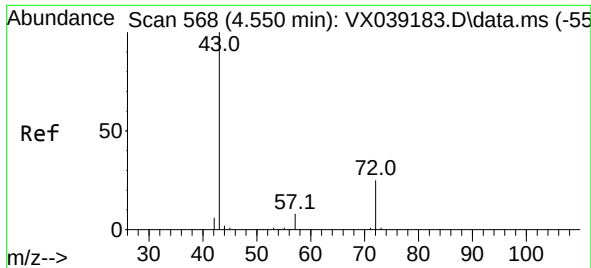
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 50.503 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Tgt Ion: 63 Resp: 170464
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.9 2.1 6.5





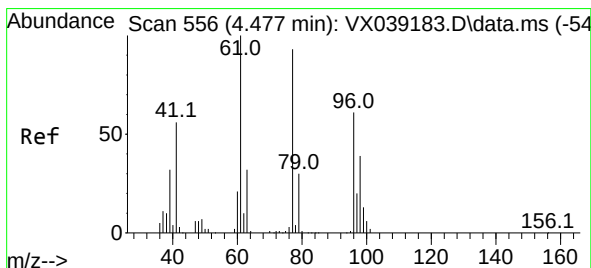
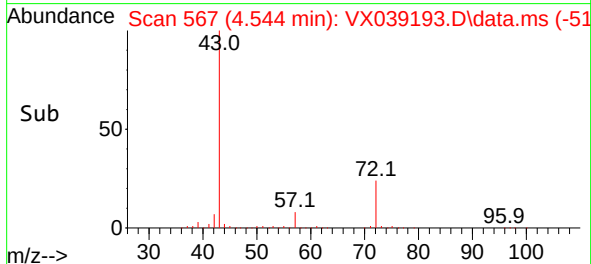
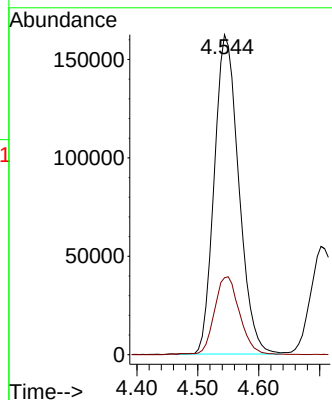
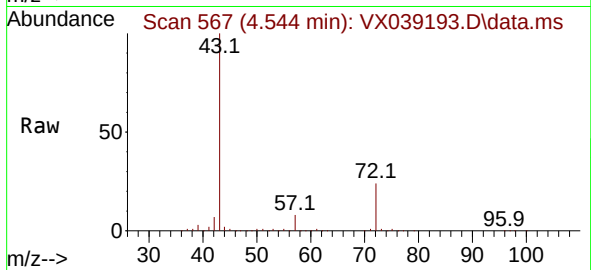
#25
2-Butanone
Concen: 227.522 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45288
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

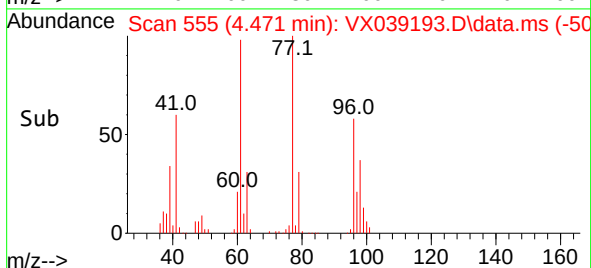
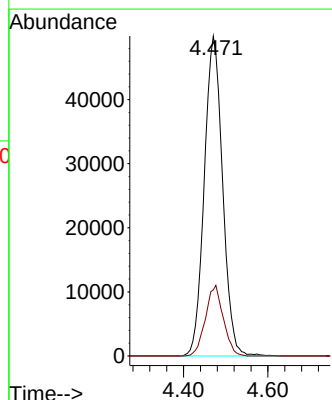
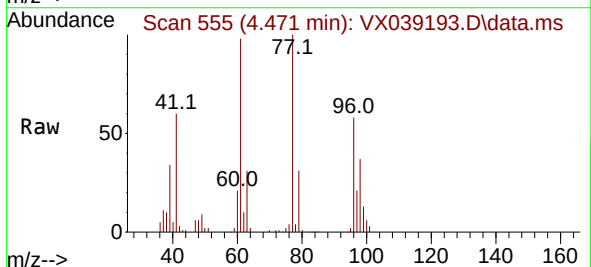
Manual Integrations
APPROVED

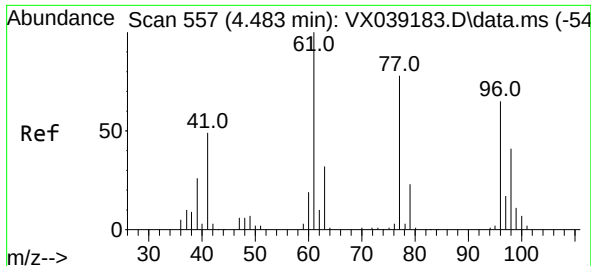
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 51.288 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 77 Resp: 151132
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.491 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 100138

Ion Ratio Lower Upper

96 100

61 162.9 0.0 312.2

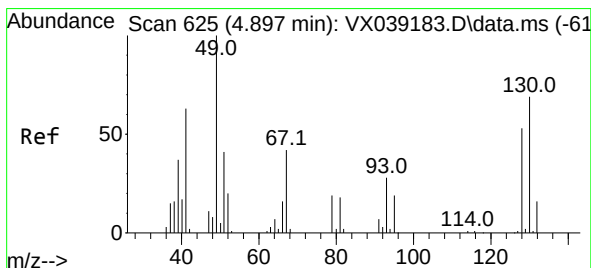
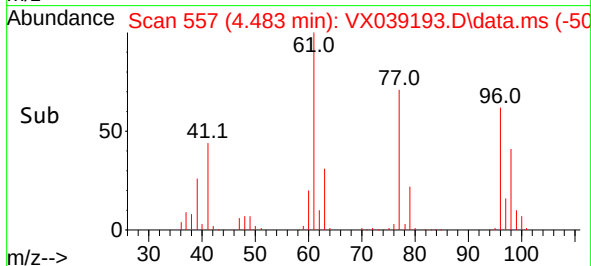
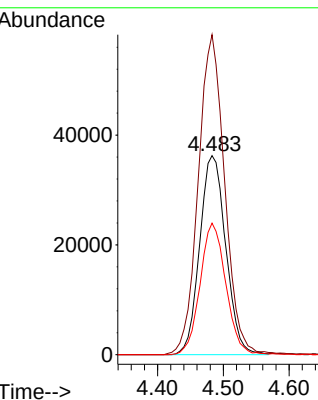
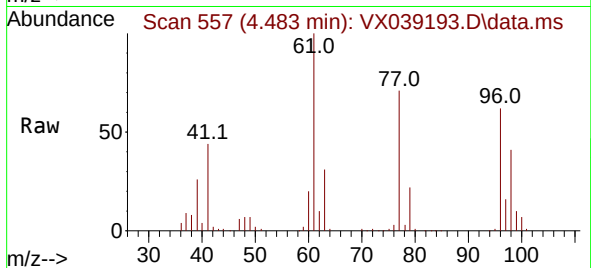
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#28

Bromochloromethane

Concen: 50.679 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

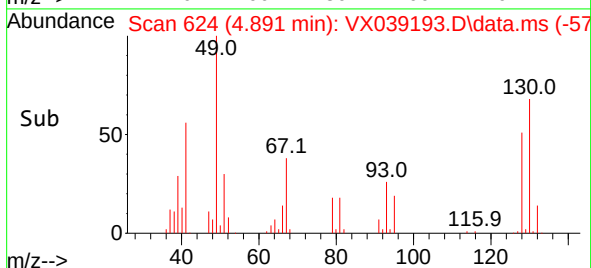
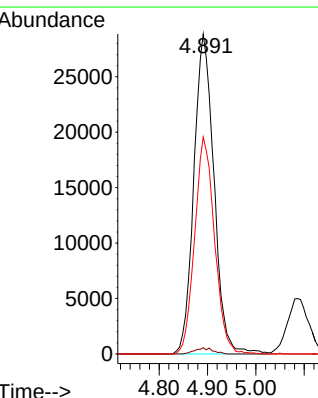
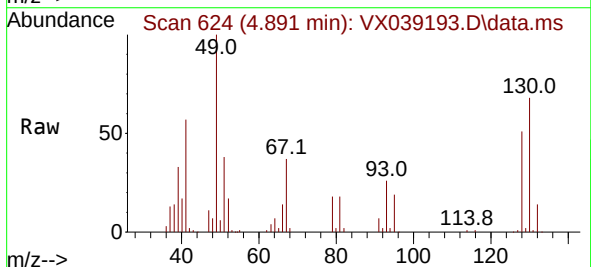
Tgt Ion: 49 Resp: 83464

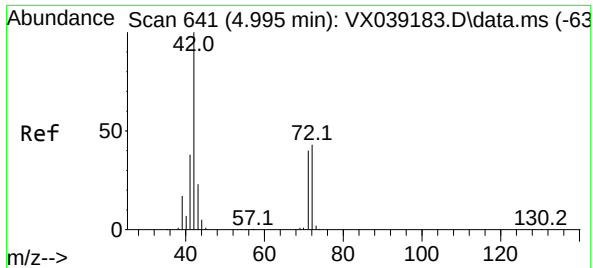
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 66.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 254.009 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 279220

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

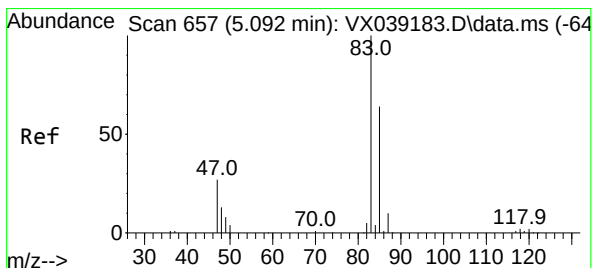
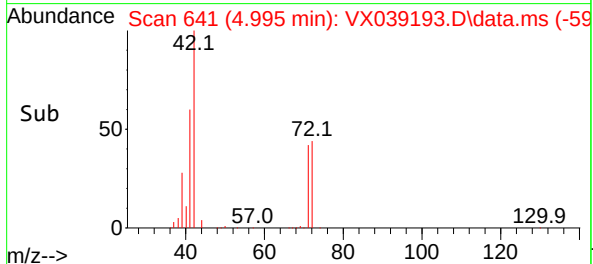
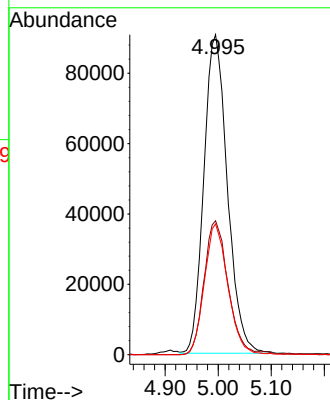
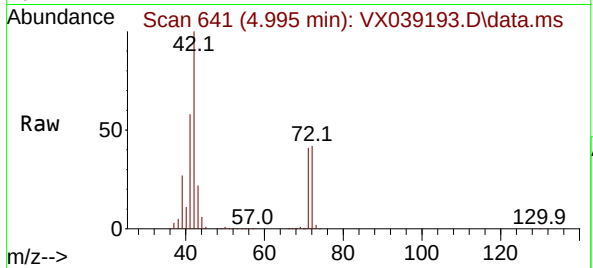
71 41.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 50.889 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039193.D

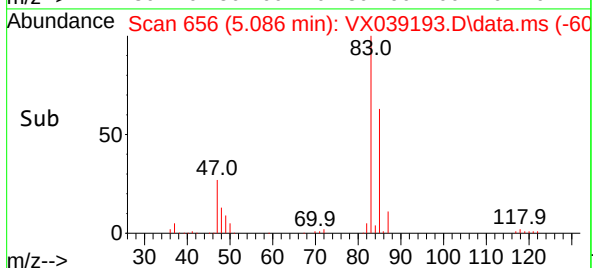
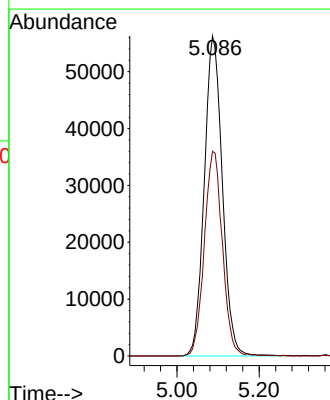
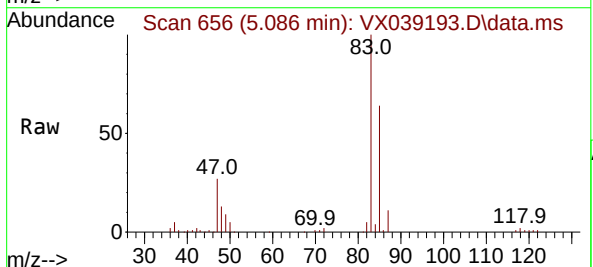
Acq: 13 Dec 2023 16:55

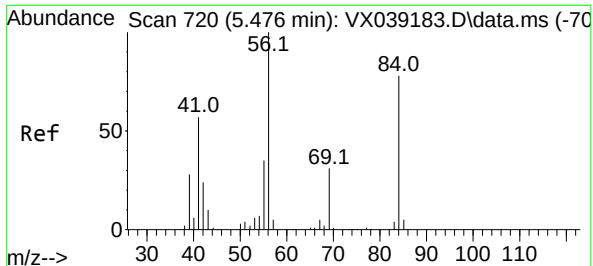
Tgt Ion: 83 Resp: 171652

Ion Ratio Lower Upper

83 100

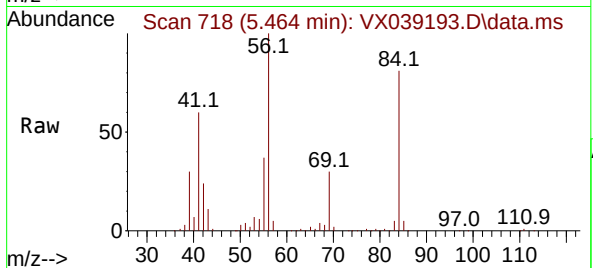
85 64.0 50.3 75.5





#31
Cyclohexane
Concen: 51.467 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

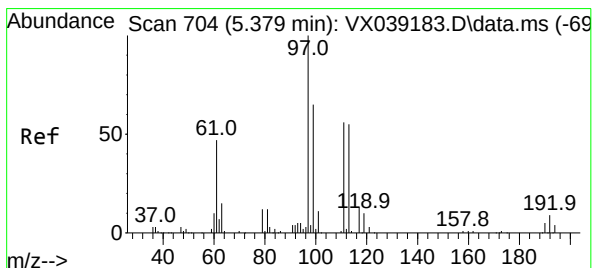
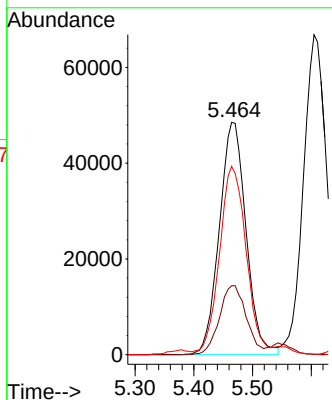
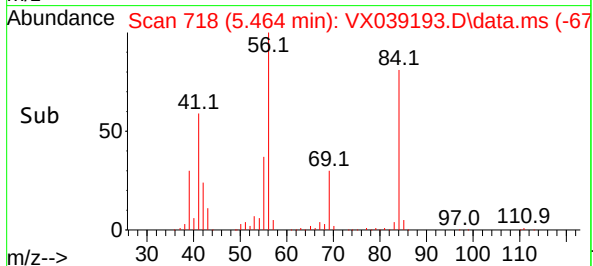
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 153339
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 79.2 65.9 98.9

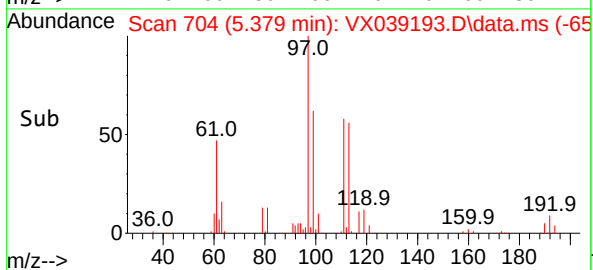
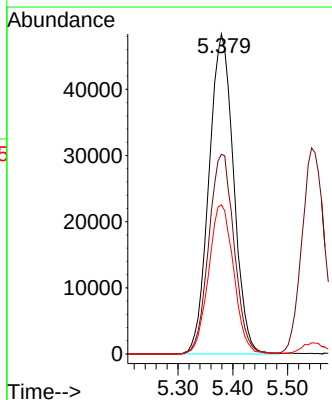
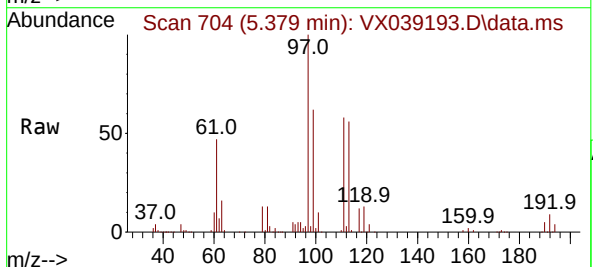
Manual Integrations
APPROVED

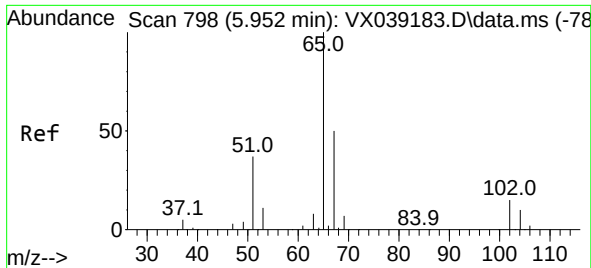
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 51.575 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 97 Resp: 151021
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.002 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 115339

Ion Ratio Lower Upper

65 100

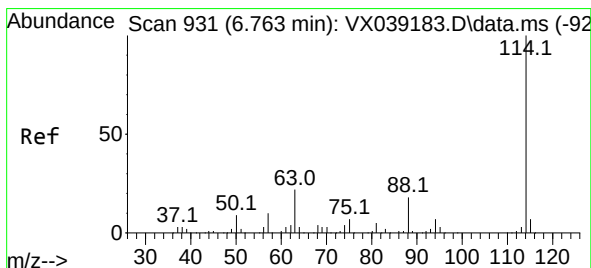
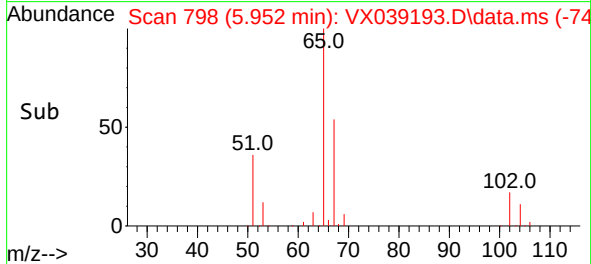
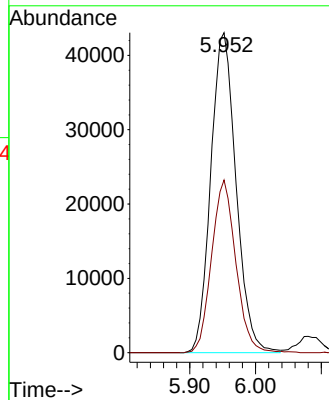
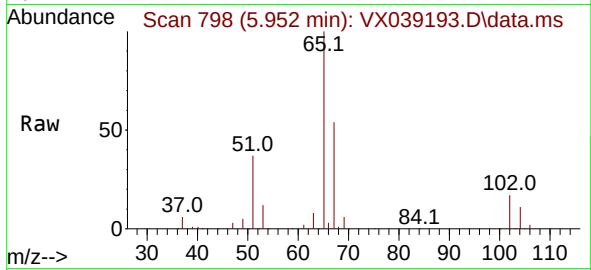
67 51.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

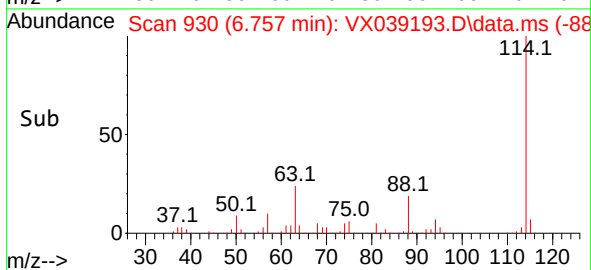
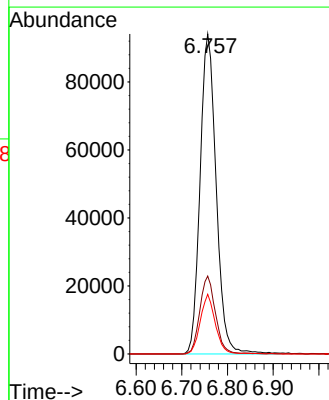
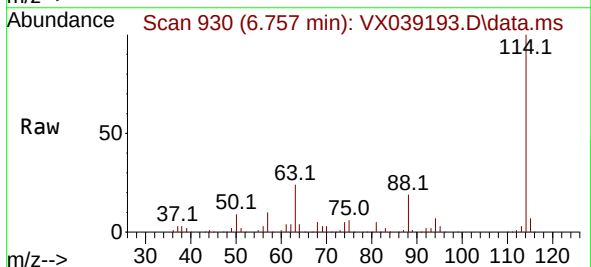
Tgt Ion:114 Resp: 229689

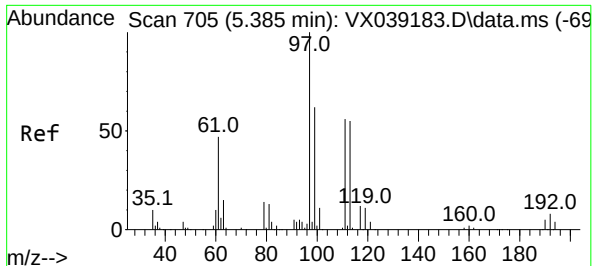
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

88 18.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.761 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 80548

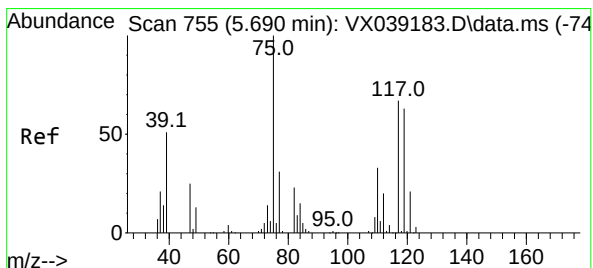
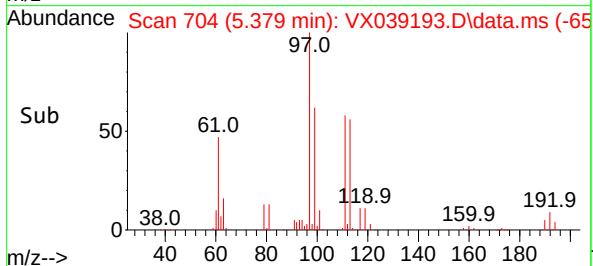
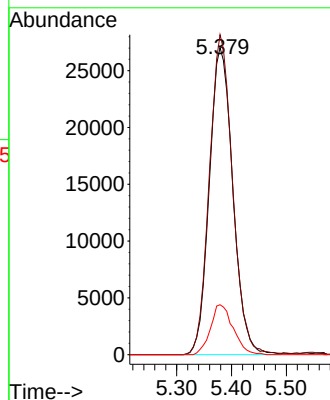
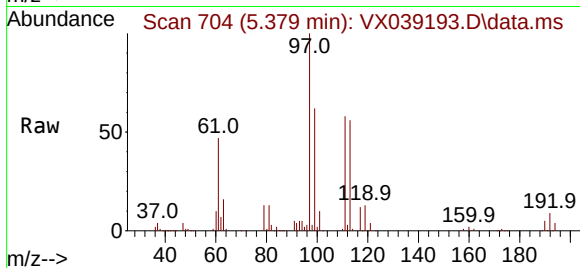
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	15.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 51.537 ug/l

RT: 5.690 min Scan# 755

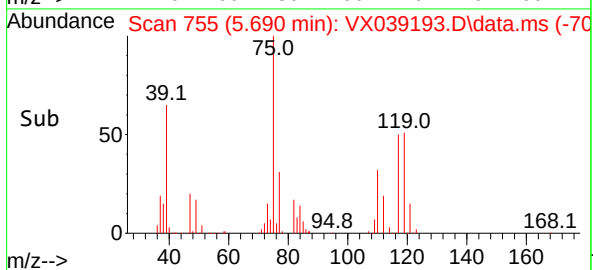
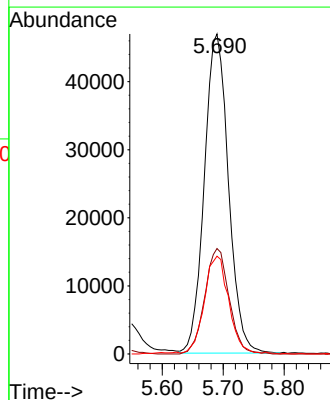
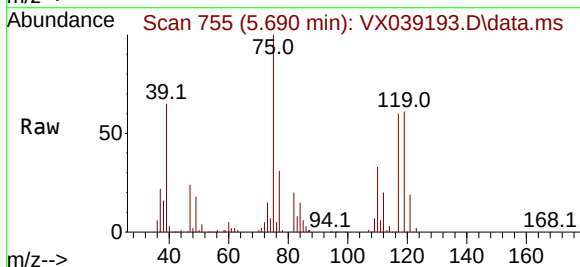
Delta R.T. 0.000 min

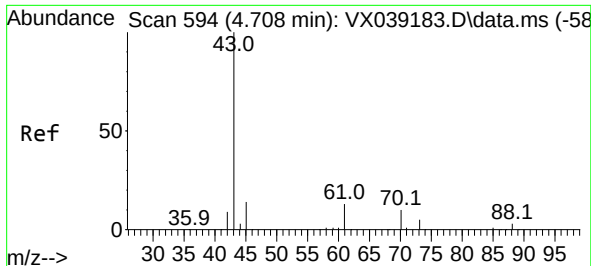
Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion: 75 Resp: 129050

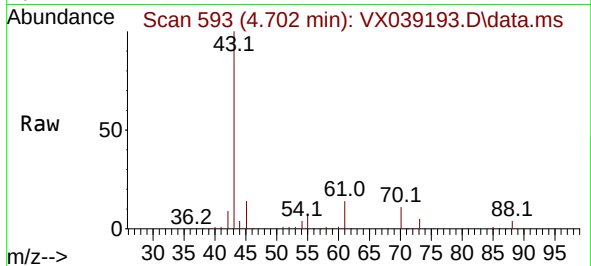
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.0	50.9
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 52.348 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

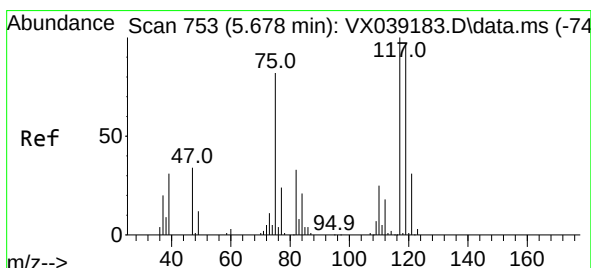
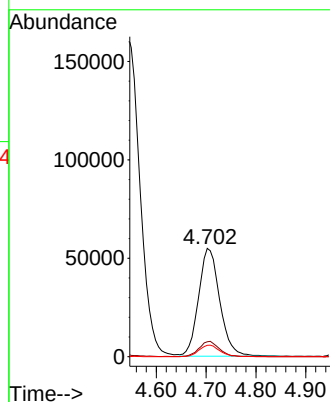
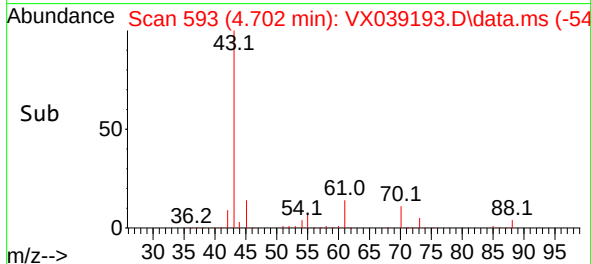
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16194
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.5 8.3 12.5

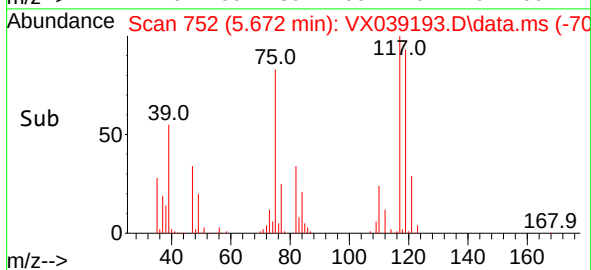
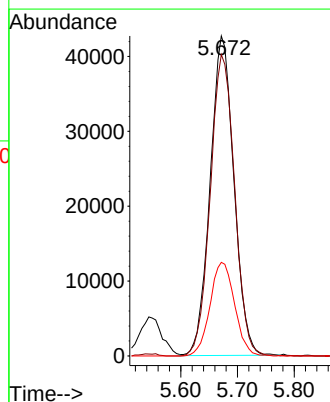
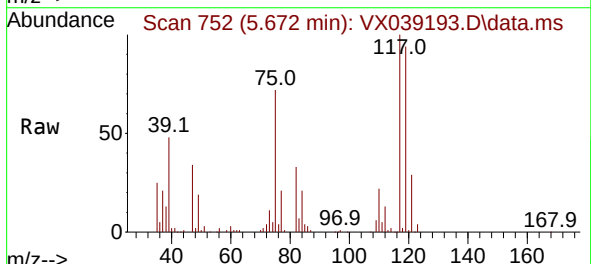
Manual Integrations
APPROVED

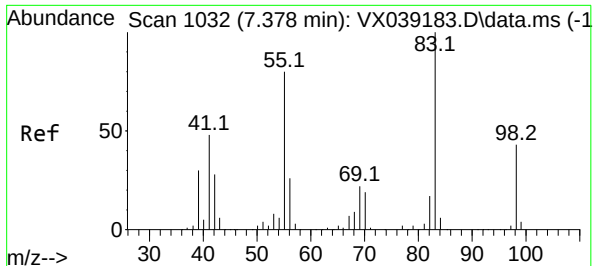
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#38
Carbon Tetrachloride
Concen: 51.893 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:117 Resp: 124004
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 29.3 24.4 36.6





#39

Methylcyclohexane

Concen: 52.447 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 157750

Ion Ratio Lower Upper

83 100

55 83.0 64.6 97.0

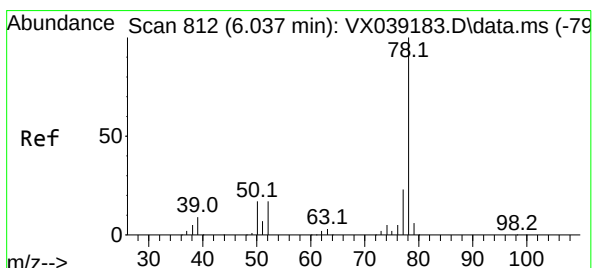
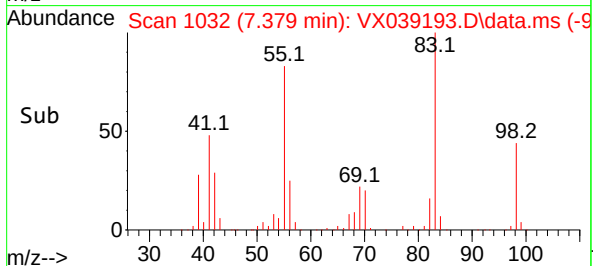
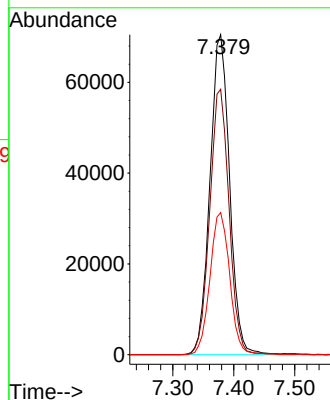
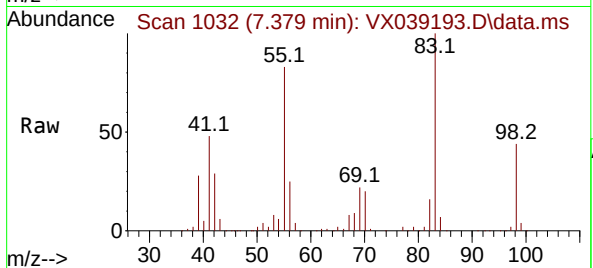
98 44.4 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 51.523 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039193.D

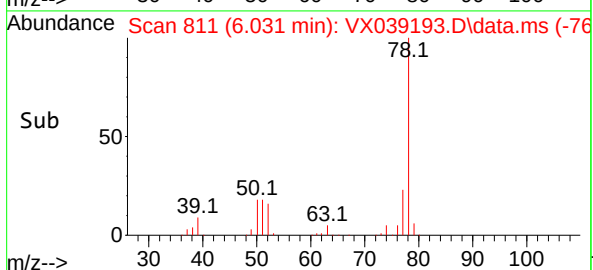
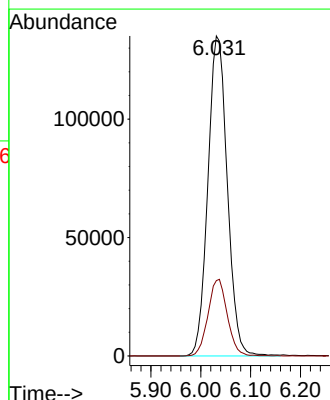
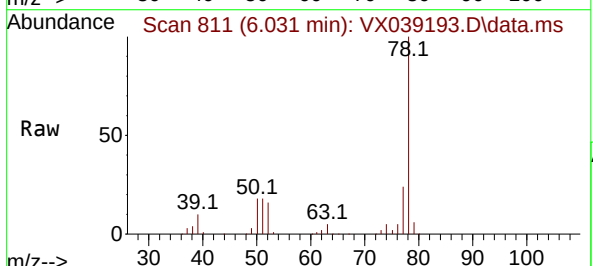
Acq: 13 Dec 2023 16:55

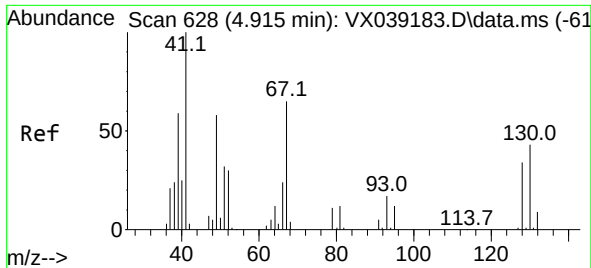
Tgt Ion: 78 Resp: 364953

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 51.079 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

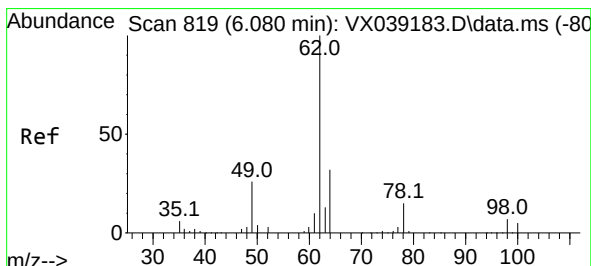
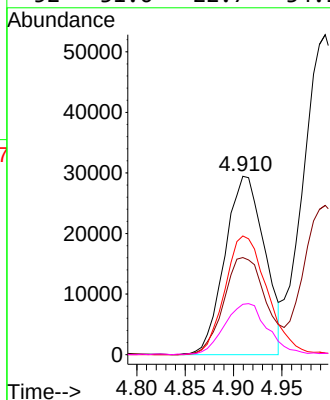
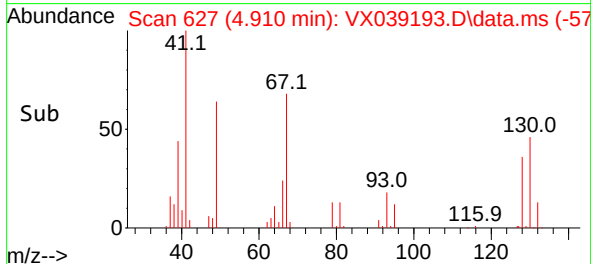
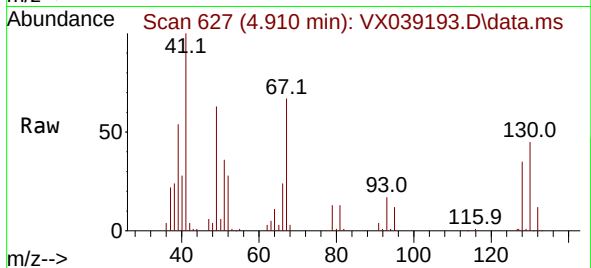
VSTDCCC050EC

Tgt Ion: 41 Resp: 84310
Ion Ratio Lower Upper
41 100
39 58.3 45.2 67.8
67 71.4 52.6 78.8
52 31.6 22.7 34.1

Manual Integrations

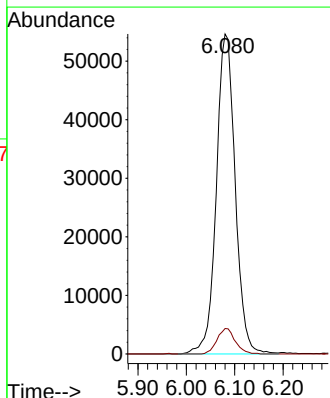
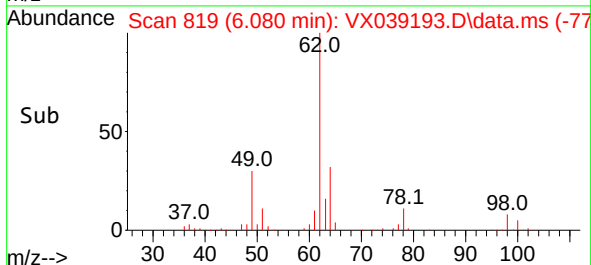
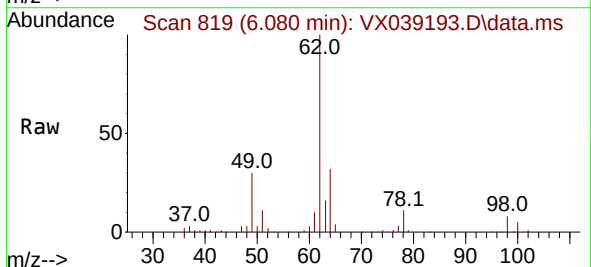
APPROVED

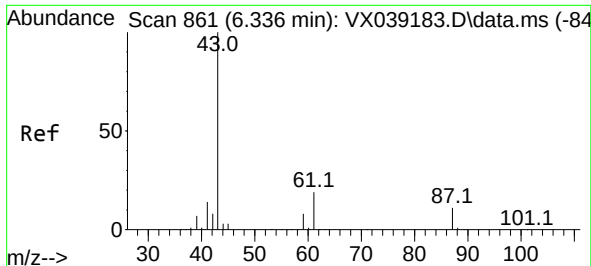
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 51.650 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

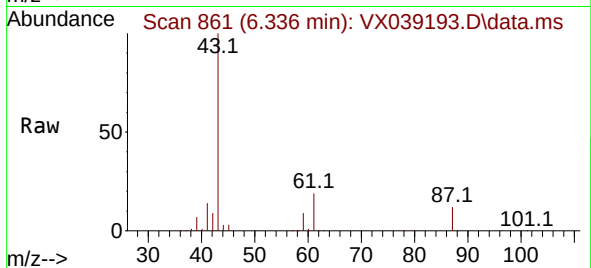
Tgt Ion: 62 Resp: 148092
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.260 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

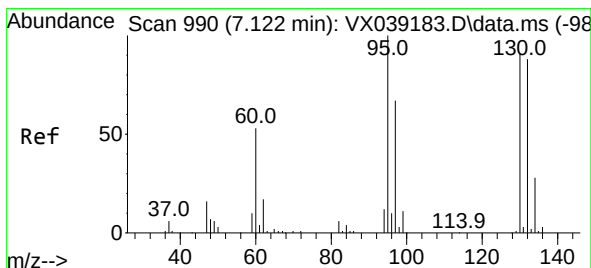
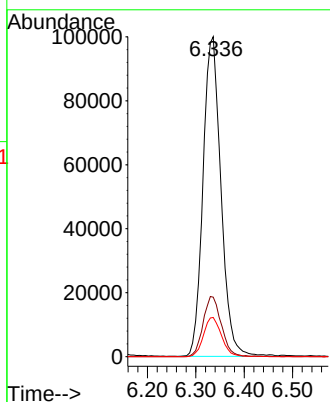
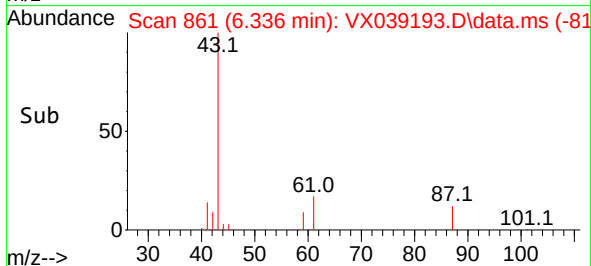
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25787
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.2 9.8 14.6

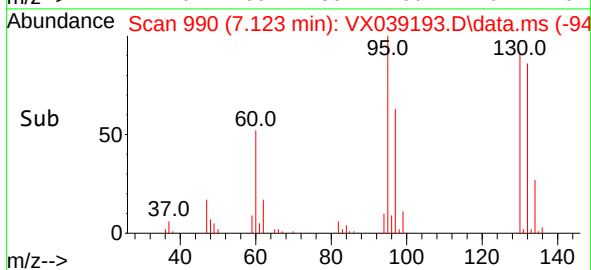
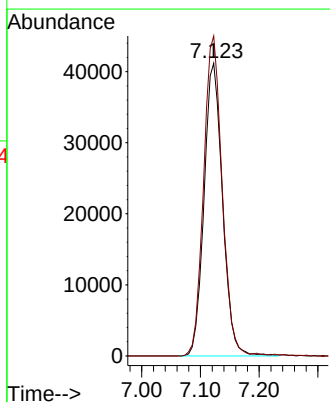
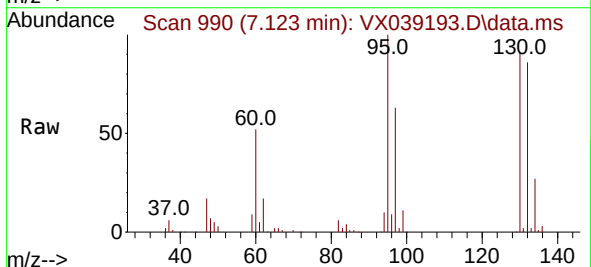
Manual Integrations
APPROVED

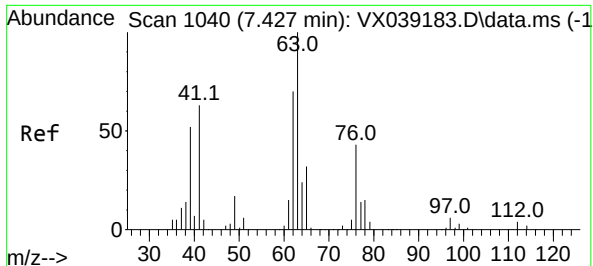
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 50.416 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:130 Resp: 90116
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.925 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 96809

Ion Ratio Lower Upper

63 100

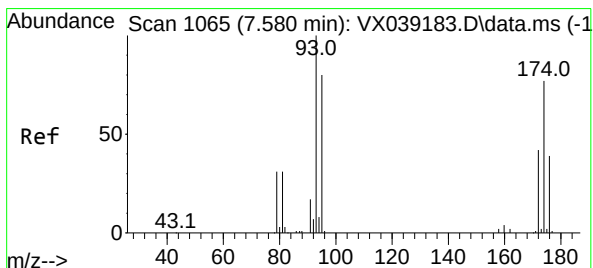
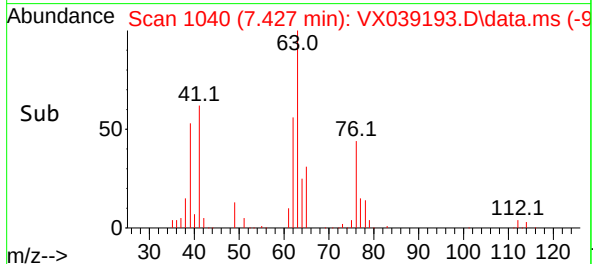
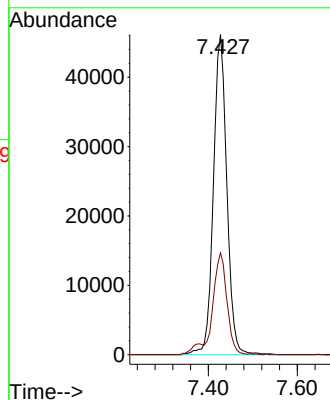
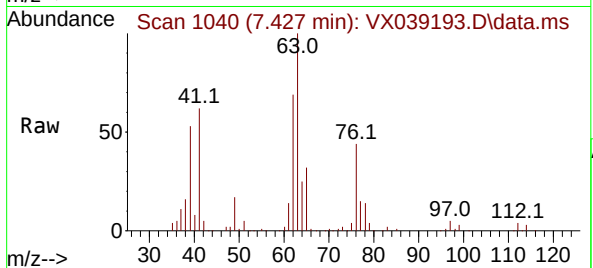
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 50.964 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

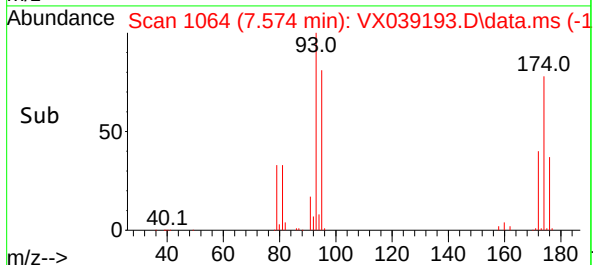
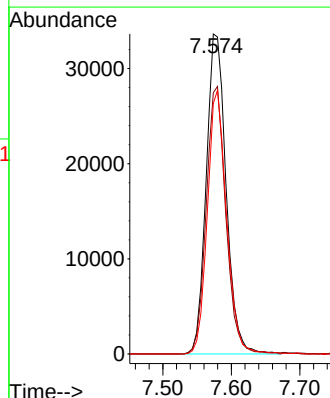
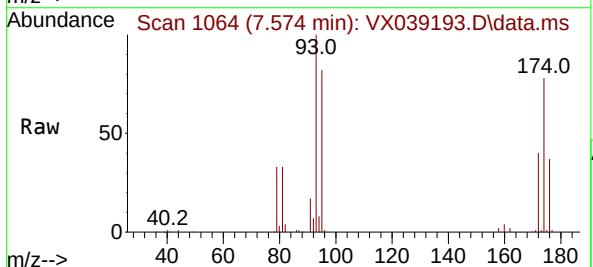
Tgt Ion: 93 Resp: 68104

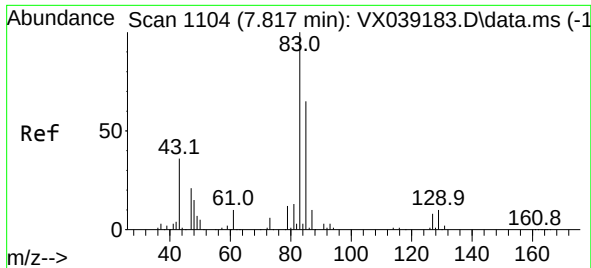
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 79.5 69.4 104.0





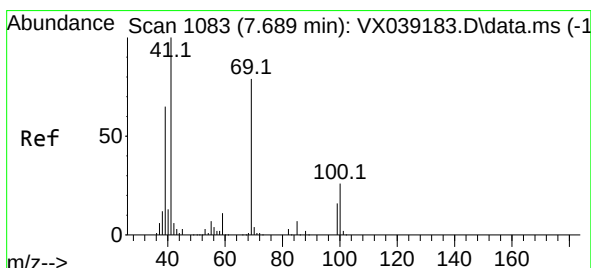
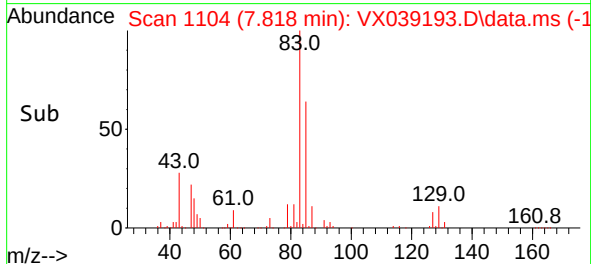
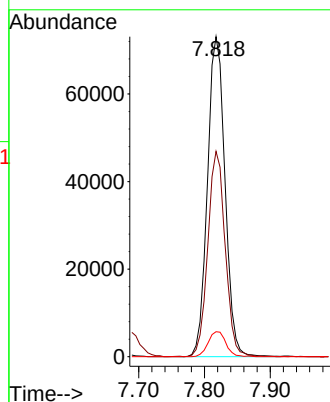
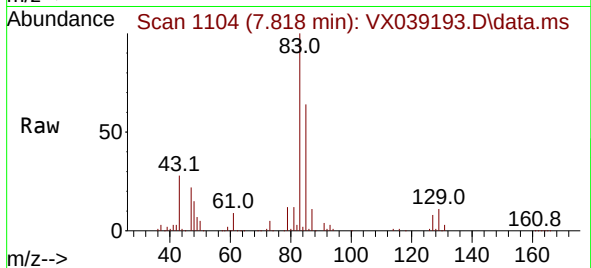
#47
Bromodichloromethane
Concen: 53.163 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 135839
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 7.8 7.1 10.7

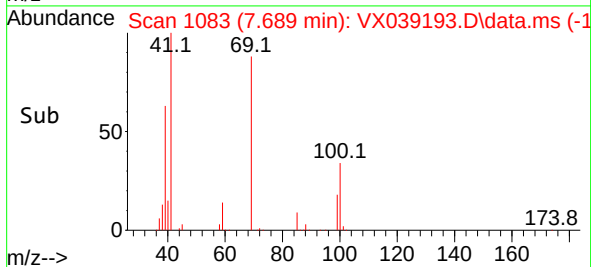
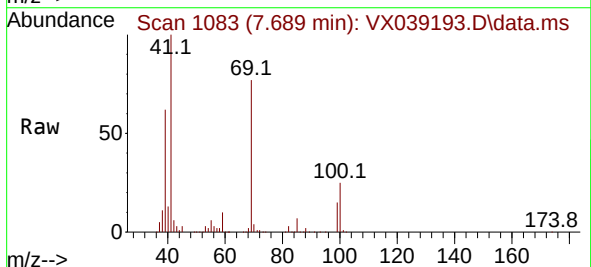
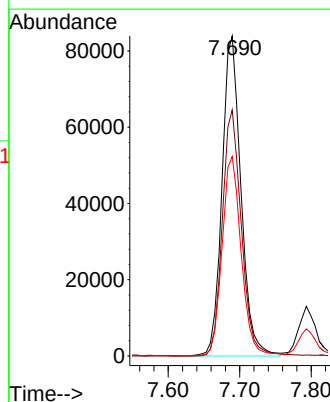
Manual Integrations
APPROVED

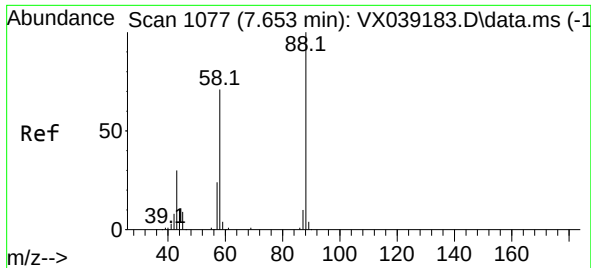
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 52.568 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

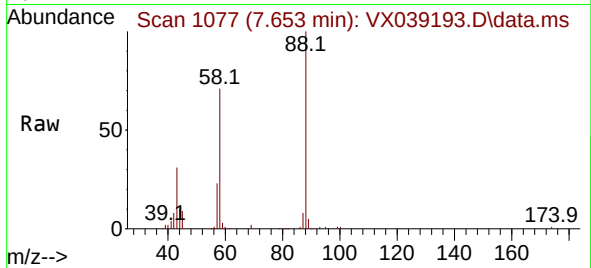
Tgt Ion: 41 Resp: 154602
Ion Ratio Lower Upper
41 100
69 77.5 59.2 88.8
39 63.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1123.545 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

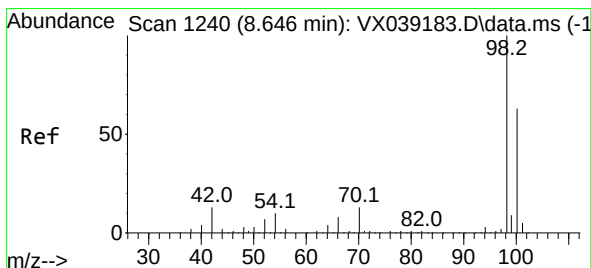
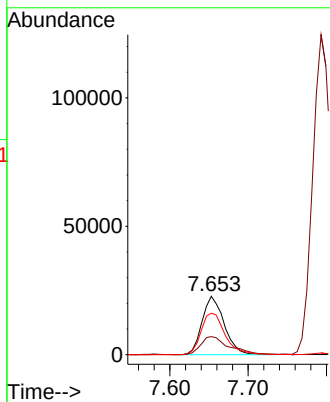
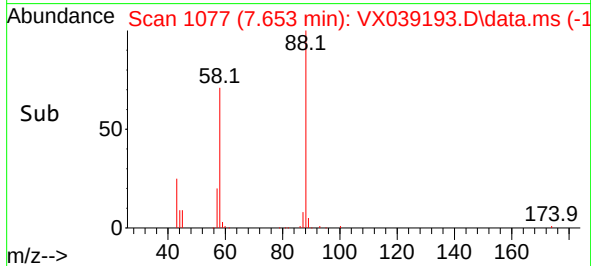
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4454
Ion Ratio Lower Upper
88 100
43 40.4 0.0 0.0
58 77.0 60.1 90.1

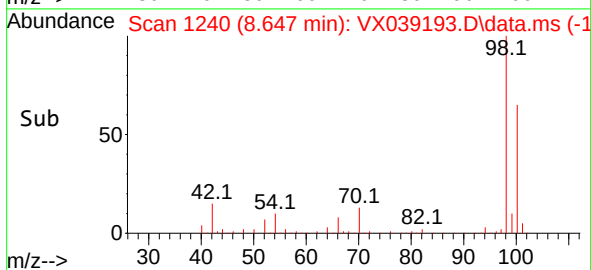
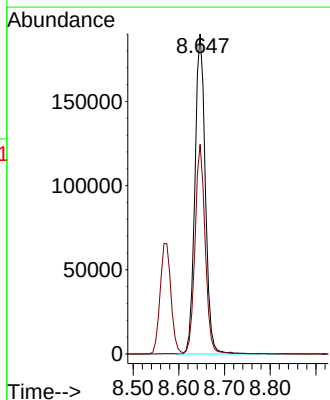
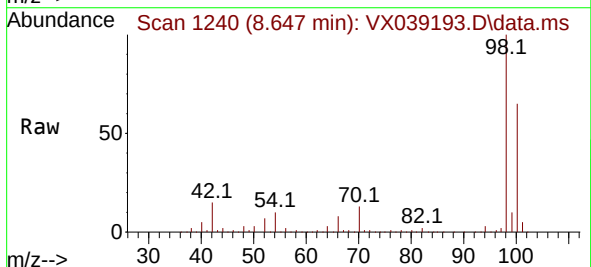
Manual Integrations
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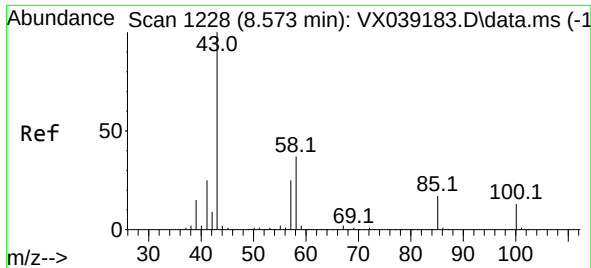
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 98 Resp: 300502
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





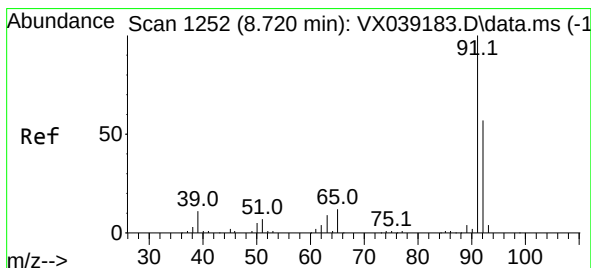
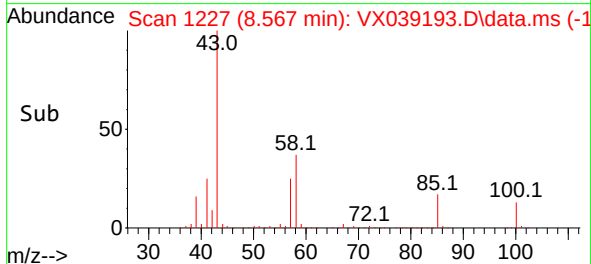
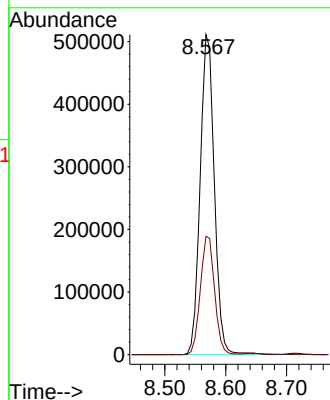
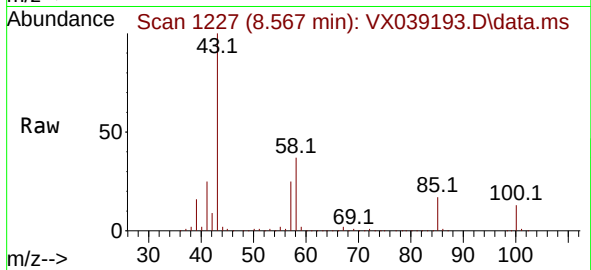
#51
4-Methyl-2-Pentanone
Concen: 258.227 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 827684
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

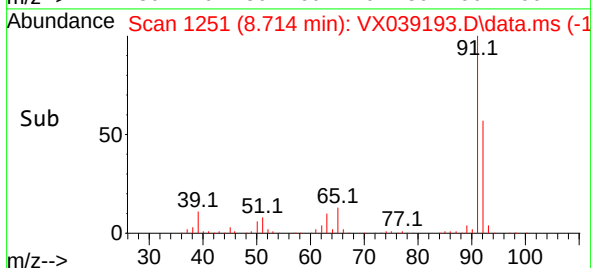
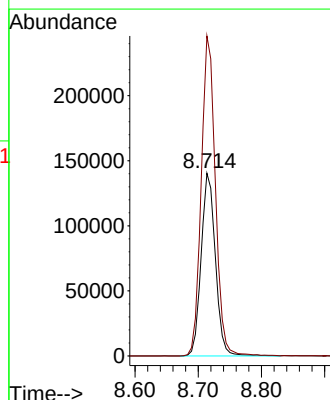
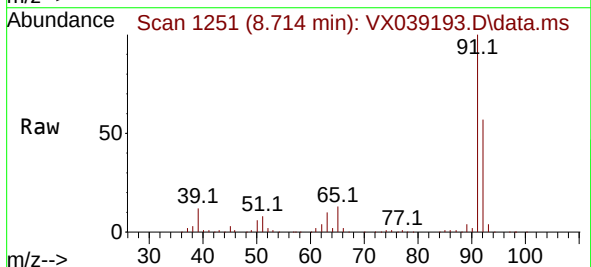
Manual Integrations
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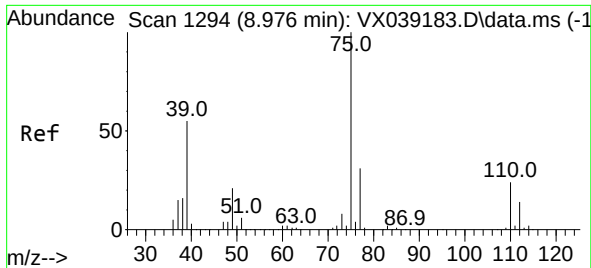
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 51.583 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 92 Resp: 220529
Ion Ratio Lower Upper
92 100
91 174.6 134.2 201.2





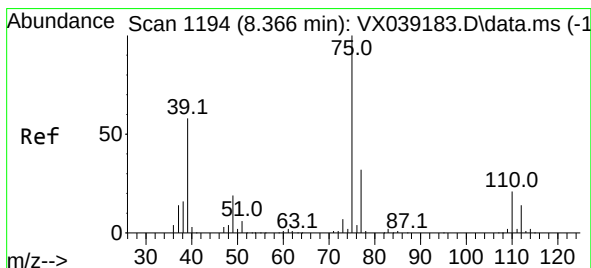
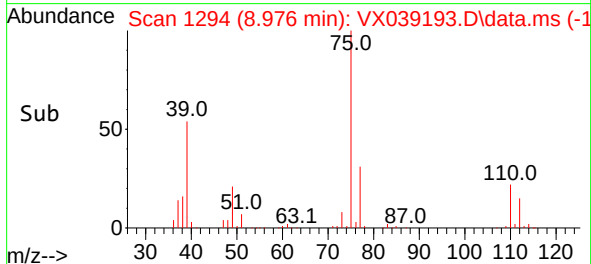
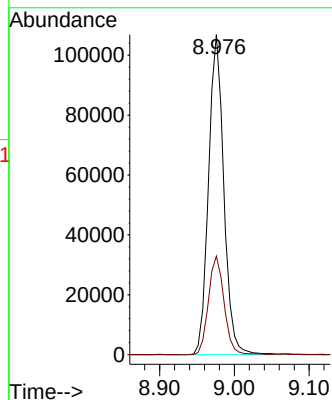
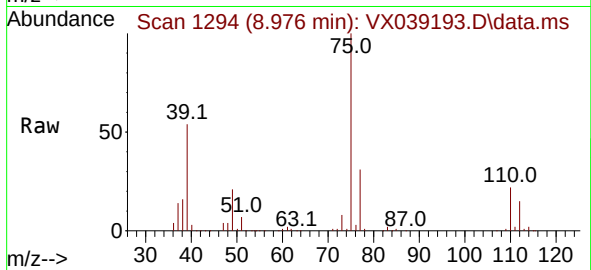
#53
 t-1,3-Dichloropropene
 Concen: 53.896 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 151613
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5

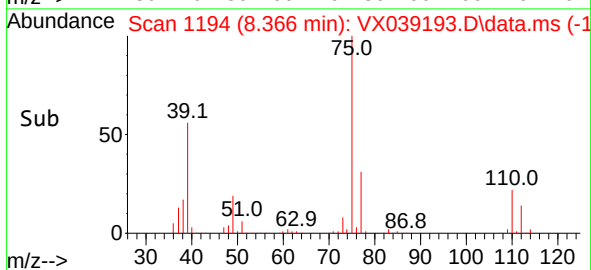
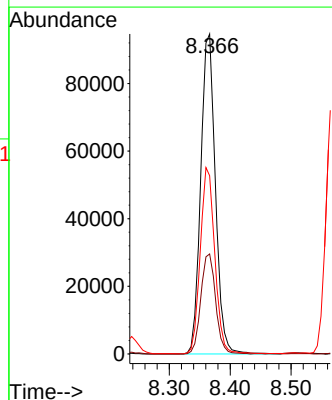
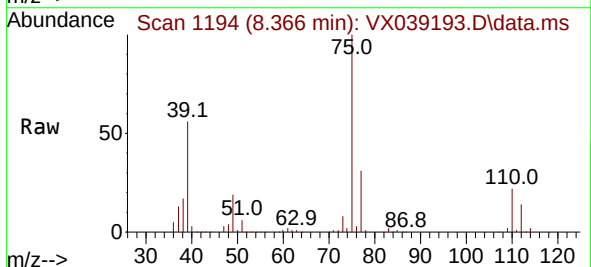
Manual Integrations
 APPROVED

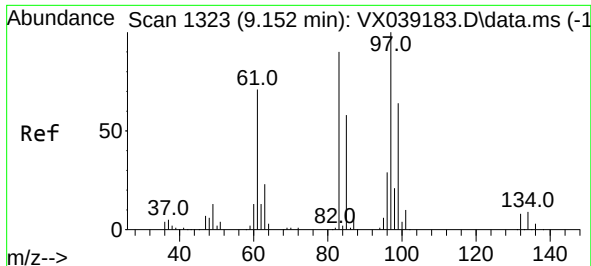
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.404 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

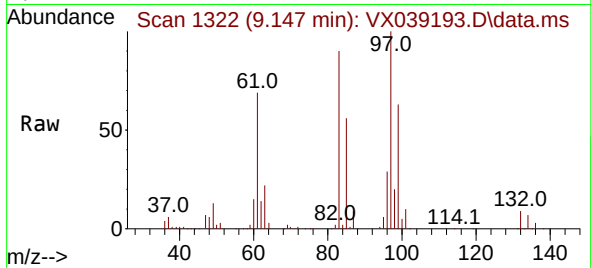
Tgt Ion: 75 Resp: 158613
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 55.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.980 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

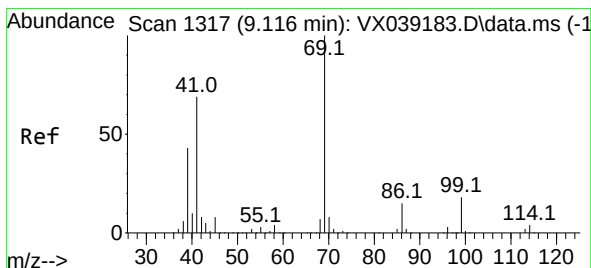
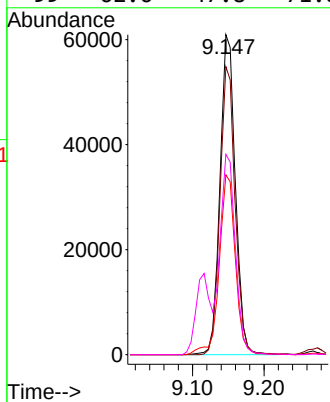
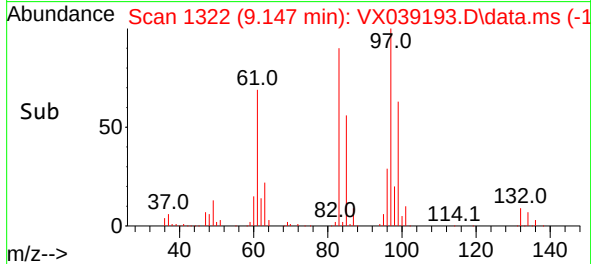
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



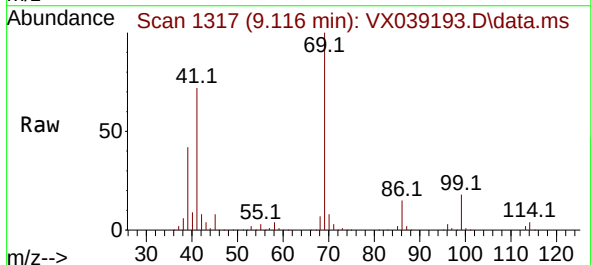
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.8	98.8
85	56.2	41.6	62.4
99	62.6	47.8	71.8

Manual Integrations
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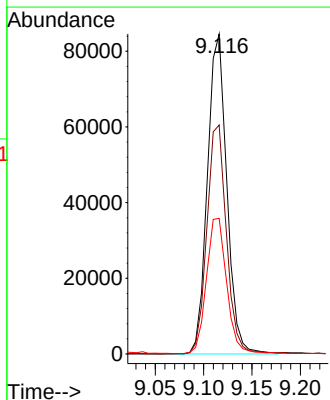
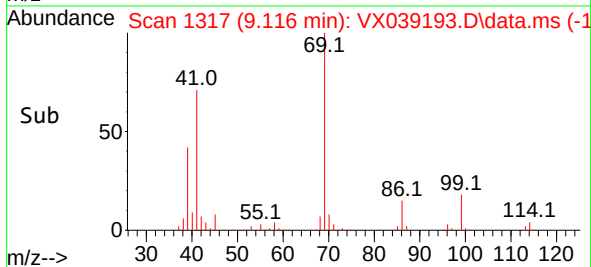
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

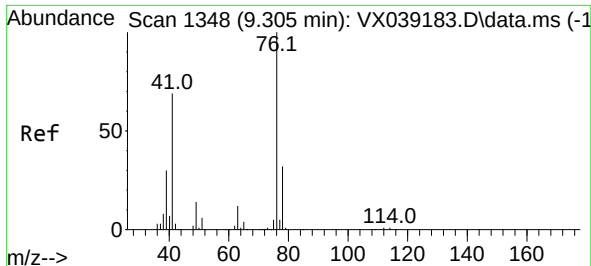


#56
Ethyl methacrylate
Concen: 54.225 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.8	85.2
39	45.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.013 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15740

Ion Ratio Lower Upper

76 100

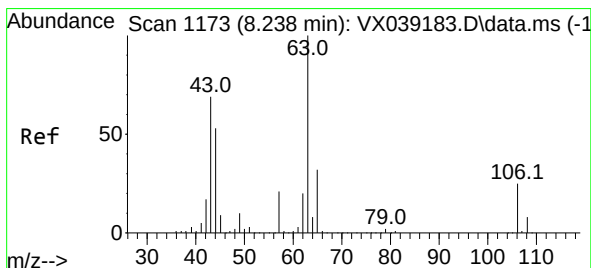
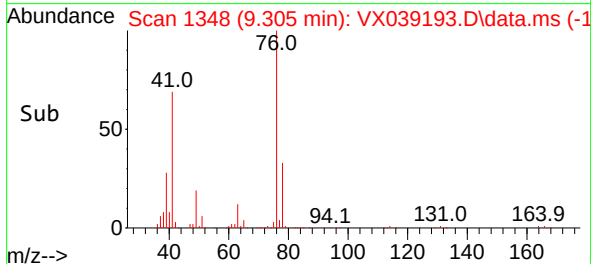
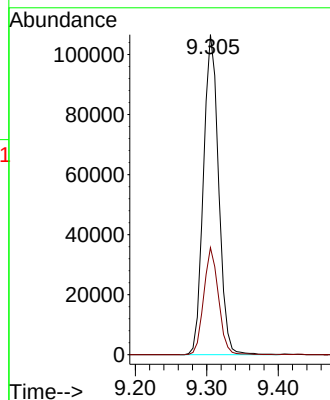
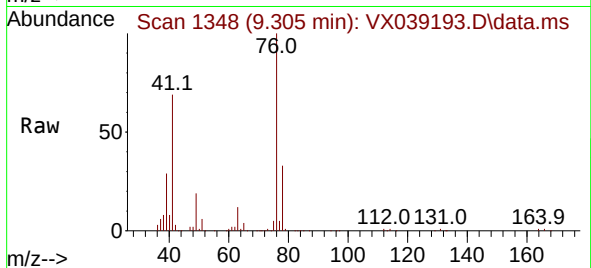
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.868 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039193.D

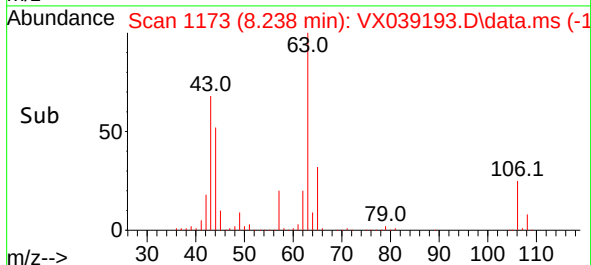
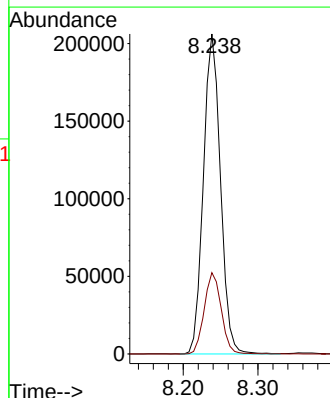
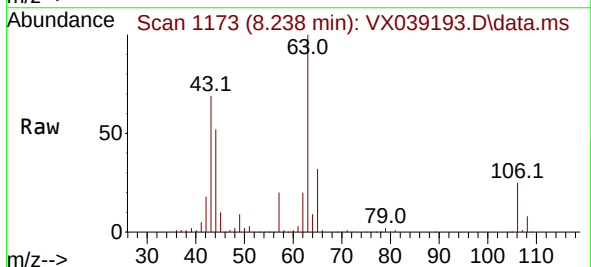
Acq: 13 Dec 2023 16:55

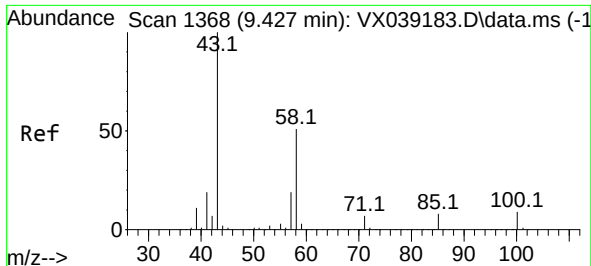
Tgt Ion: 63 Resp: 327355

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





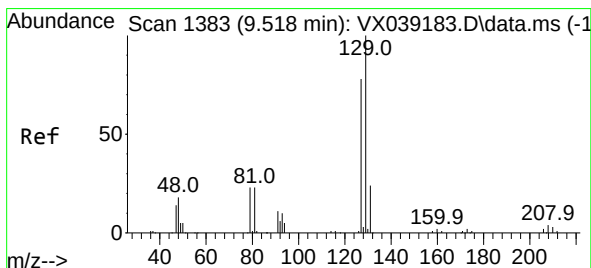
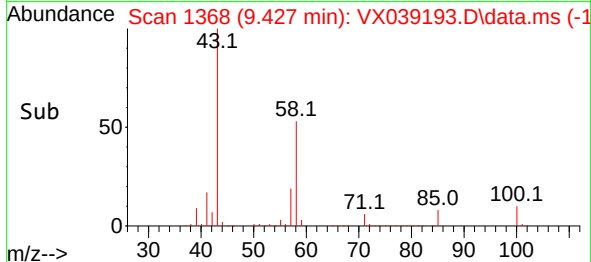
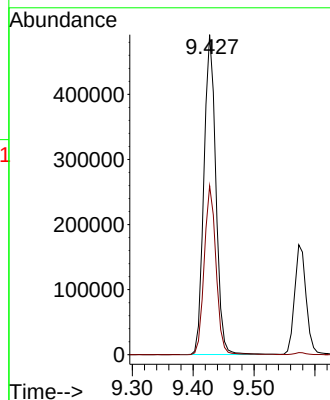
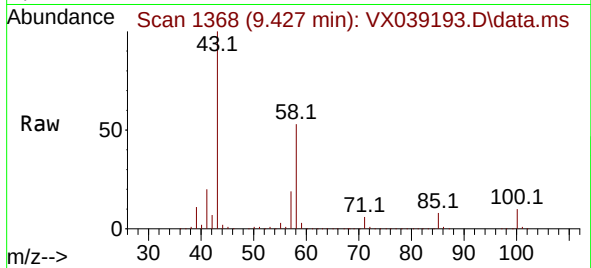
#59
2-Hexanone
Concen: 242.235 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 670085
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5

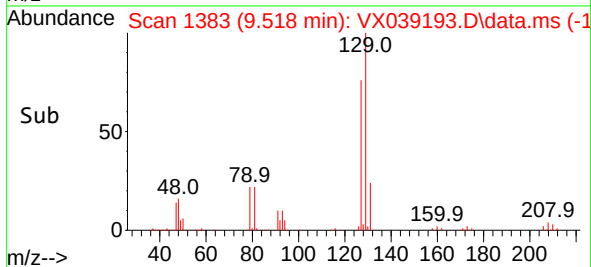
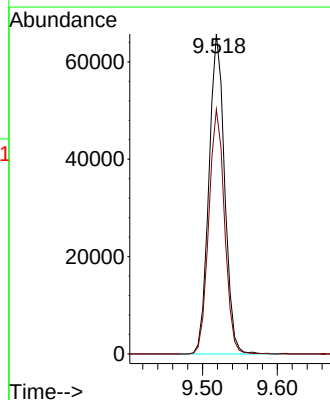
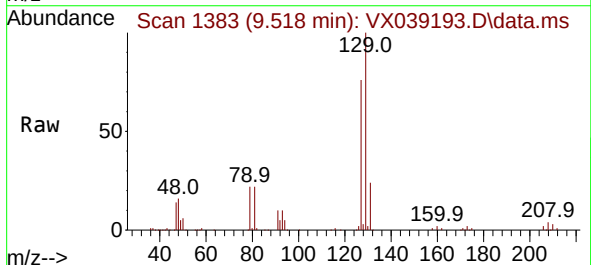
Manual Integrations
APPROVED

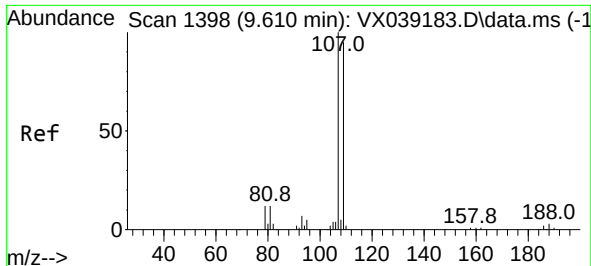
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 52.974 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:129 Resp: 95620
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





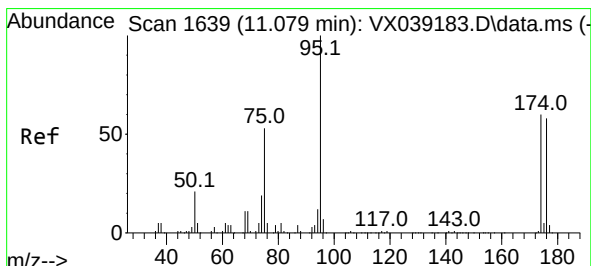
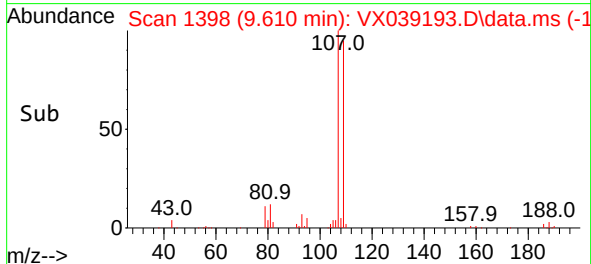
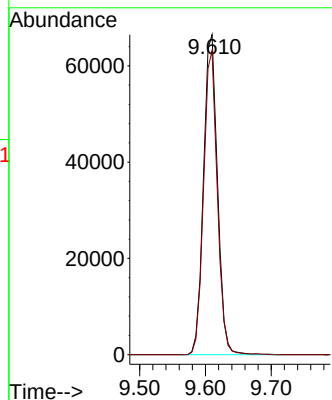
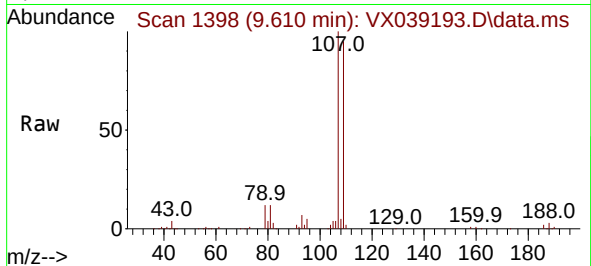
#61
1,2-Dibromoethane
Concen: 51.669 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 98440
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8

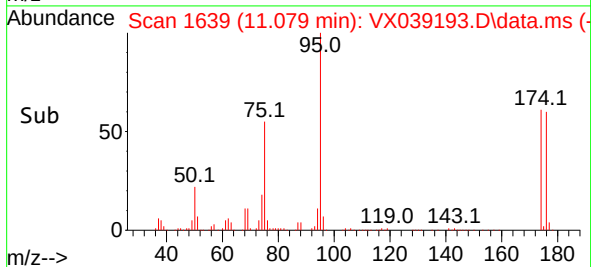
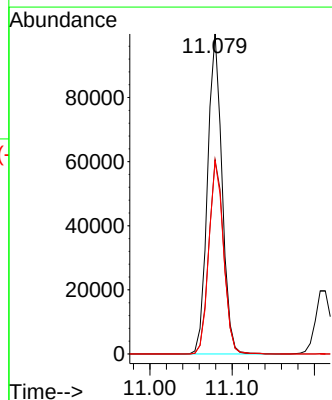
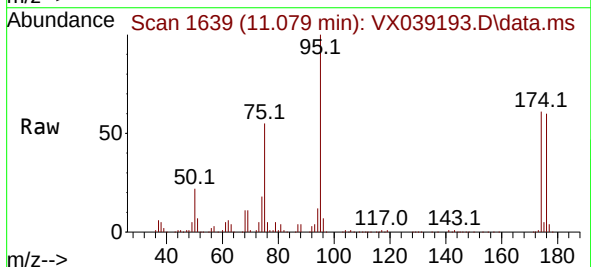
Manual Integrations
APPROVED

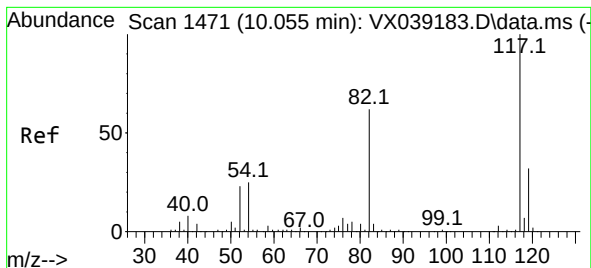
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 50.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

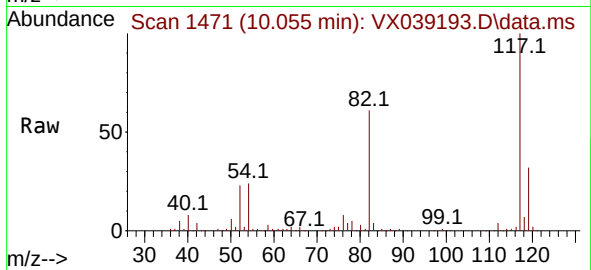
Tgt Ion: 95 Resp: 122032
Ion Ratio Lower Upper
95 100
174 61.8 0.0 135.6
176 61.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

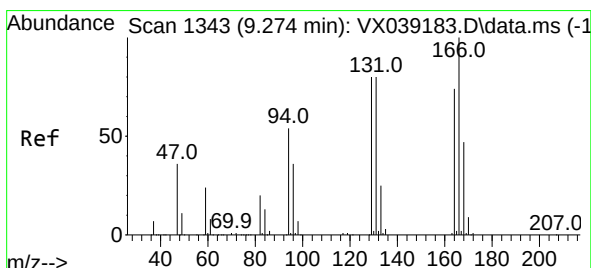
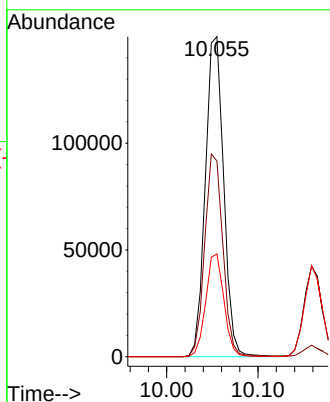
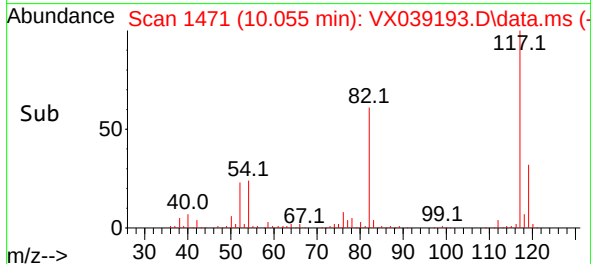
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20919
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.1 25.5 38.3

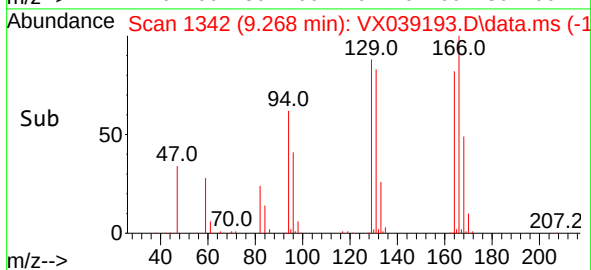
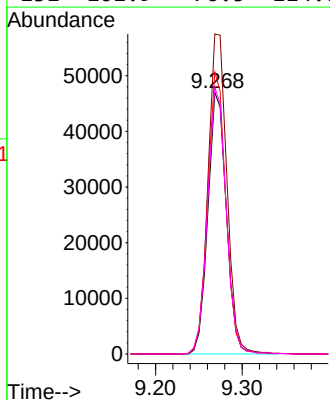
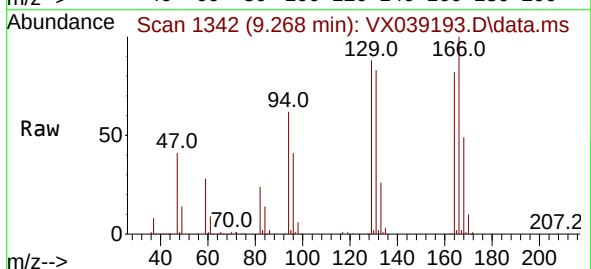
Manual Integrations
APPROVED

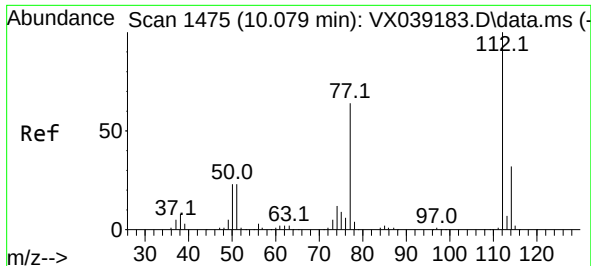
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 50.791 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:164 Resp: 69431
Ion Ratio Lower Upper
164 100
166 122.4 102.7 154.1
129 107.8 80.4 120.6
131 101.9 76.5 114.7





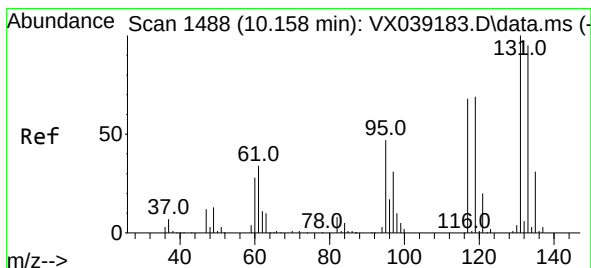
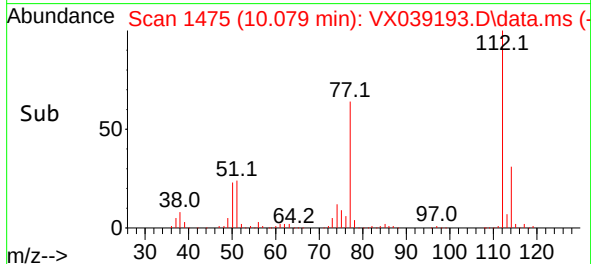
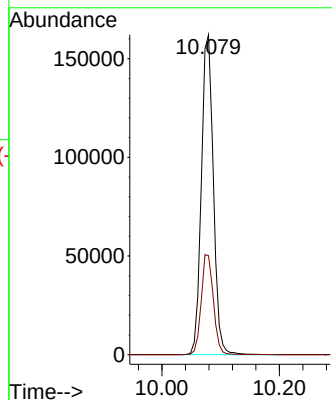
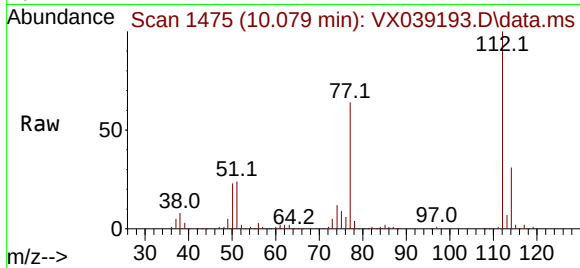
#65
Chlorobenzene
Concen: 50.195 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 229190
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

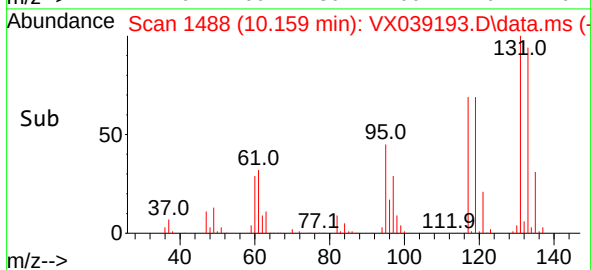
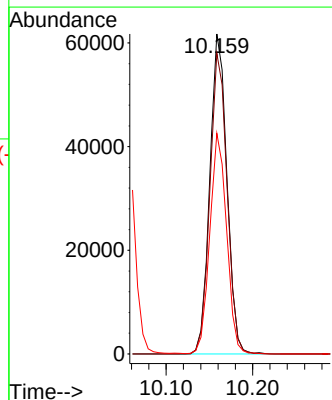
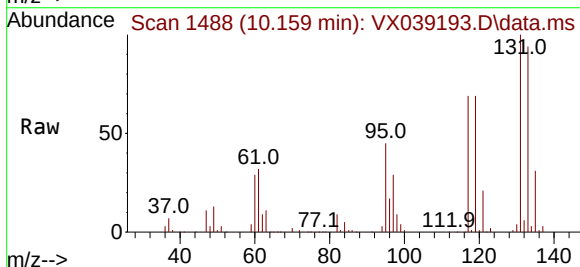
Manual Integrations
APPROVED

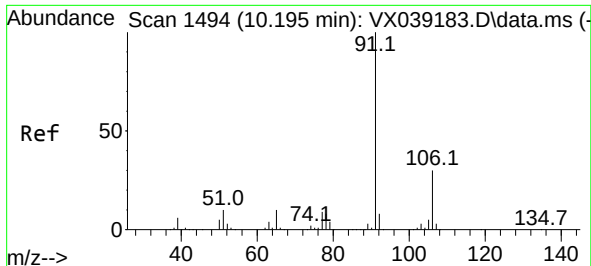
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.473 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

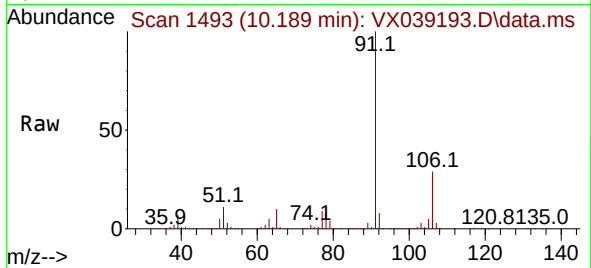
Tgt Ion:131 Resp: 84631
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 67.9 32.2 96.6





#67
Ethyl Benzene
Concen: 51.778 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

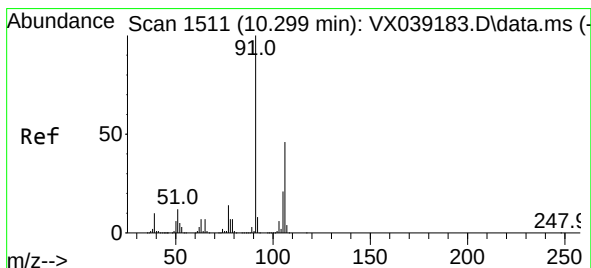
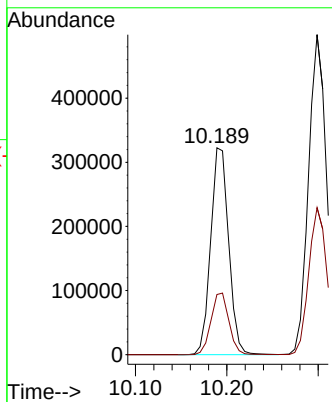
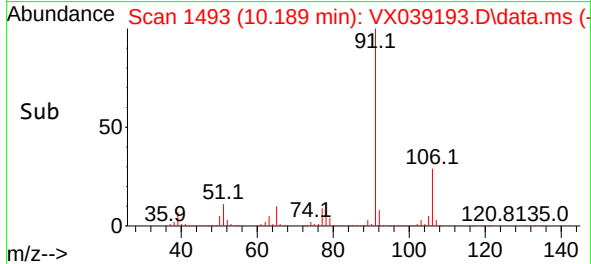
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 440080
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

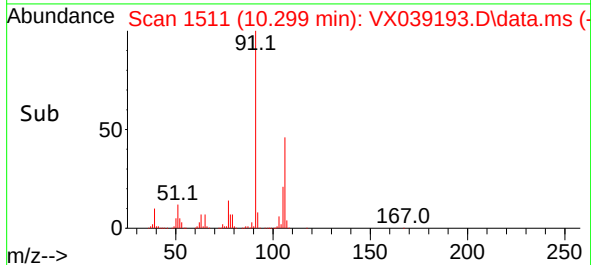
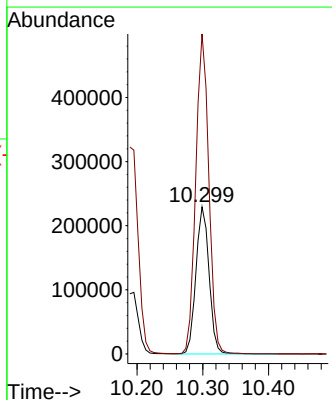
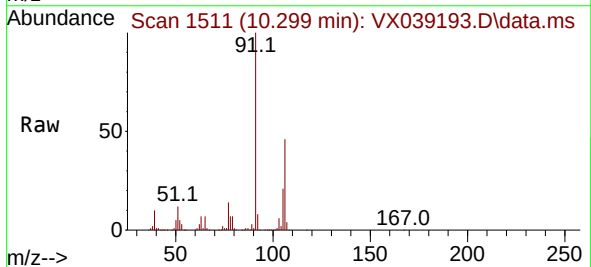
Manual Integrations
APPROVED

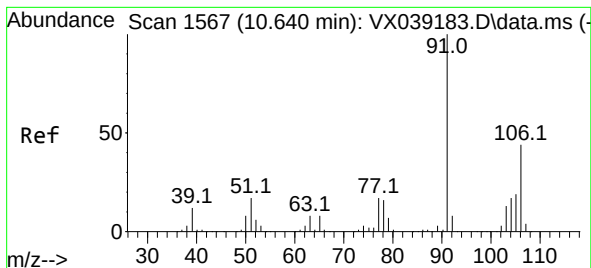
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#68
m/p-Xylenes
Concen: 104.218 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:106 Resp: 317597
Ion Ratio Lower Upper
106 100
91 216.8 165.5 248.3





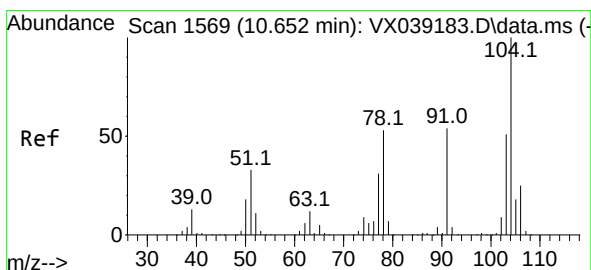
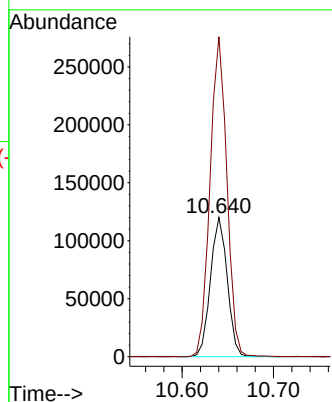
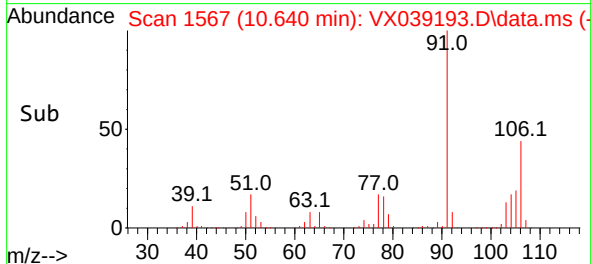
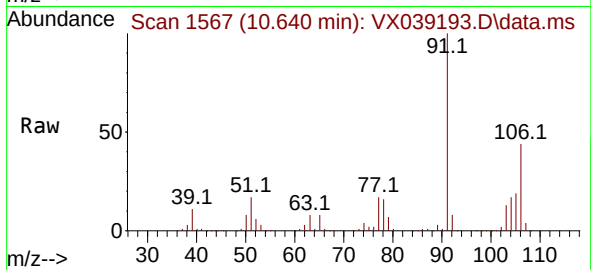
#69
o-Xylene
Concen: 51.953 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 153072
Ion Ratio Lower Upper
106 100
91 230.3 108.9 326.8

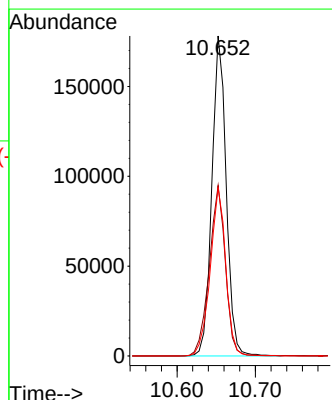
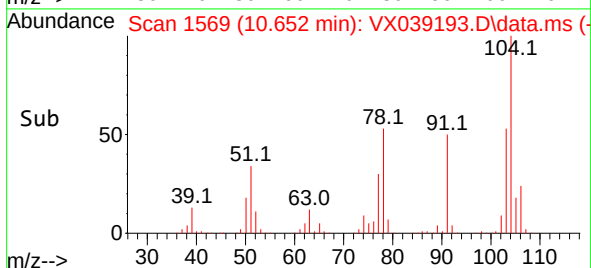
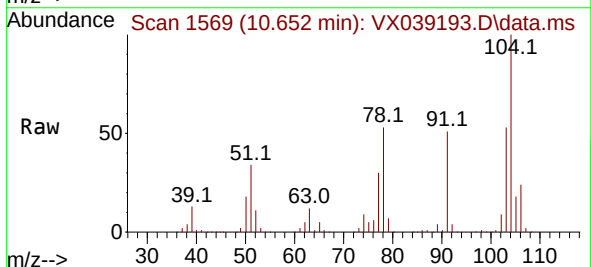
Manual Integrations
APPROVED

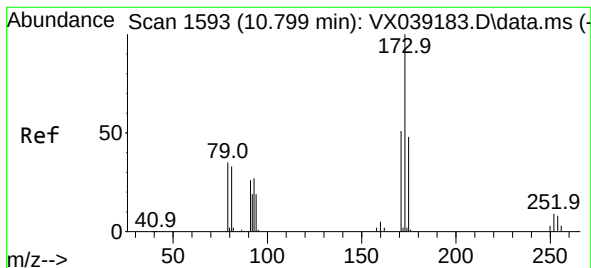
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 52.481 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:104 Resp: 226061
Ion Ratio Lower Upper
104 100
78 59.8 43.6 65.4
103 57.2 43.6 65.4





#71

Bromoform

Concen: 53.739 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

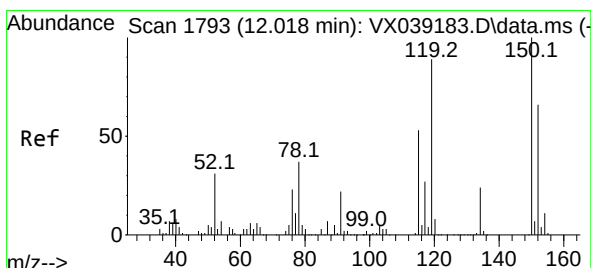
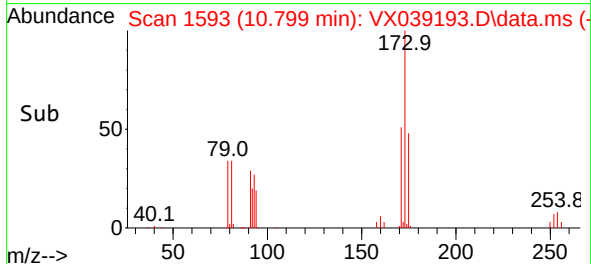
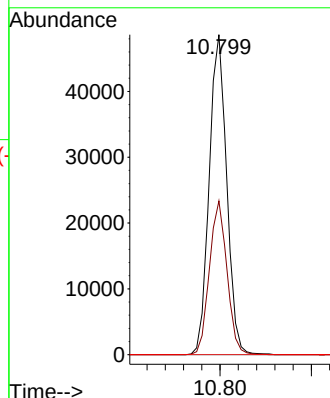
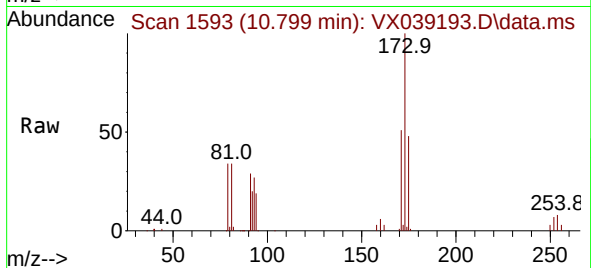
Tgt Ion:173 Resp: 64424
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

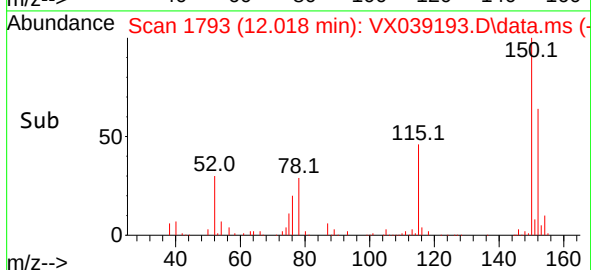
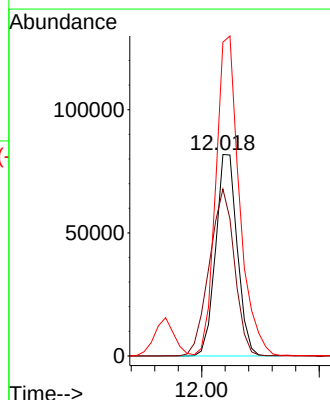
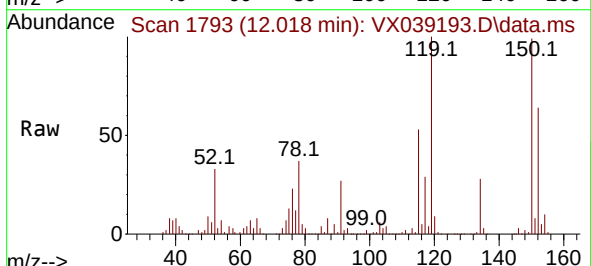
RT: 12.018 min Scan# 1793

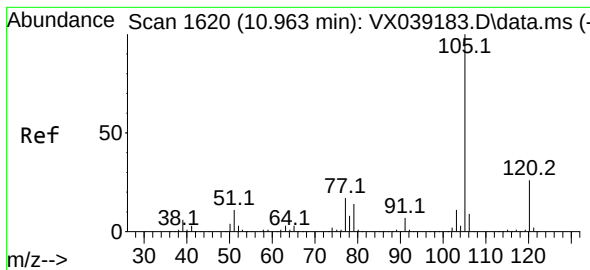
Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:152 Resp: 104362
 Ion Ratio Lower Upper
 152 100
 115 96.5 43.3 129.9
 150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.868 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 41764

Ion Ratio Lower Upper

105 100

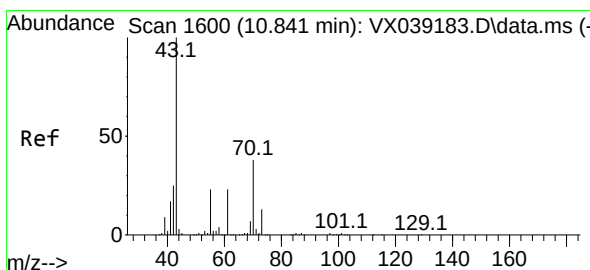
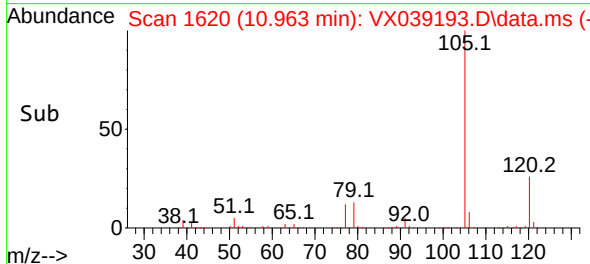
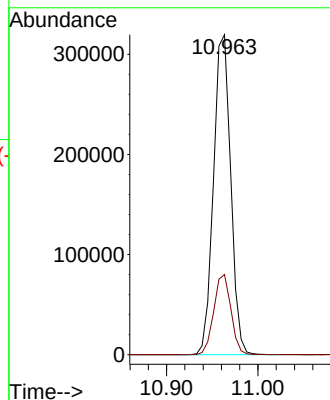
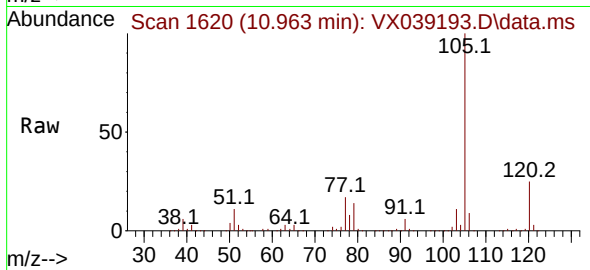
120 25.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#74

N-ethyl acetate

Concen: 54.379 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion: 43 Resp: 221538

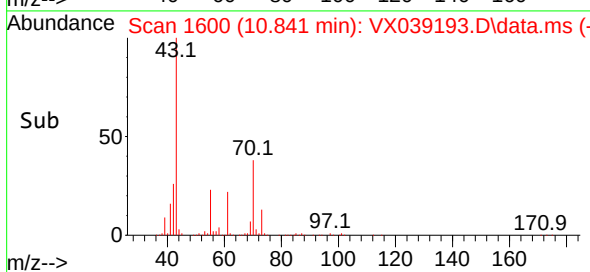
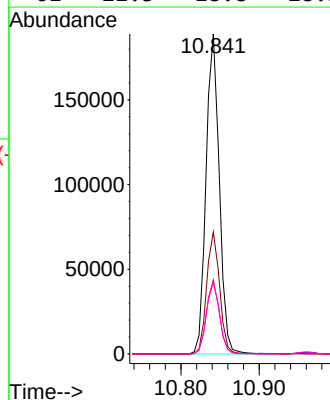
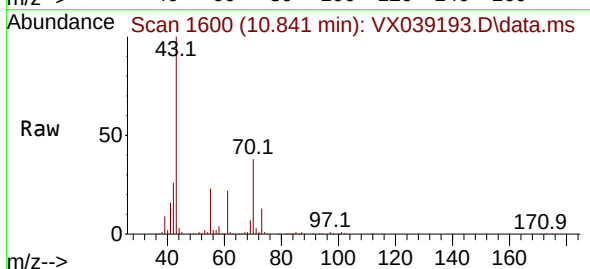
Ion Ratio Lower Upper

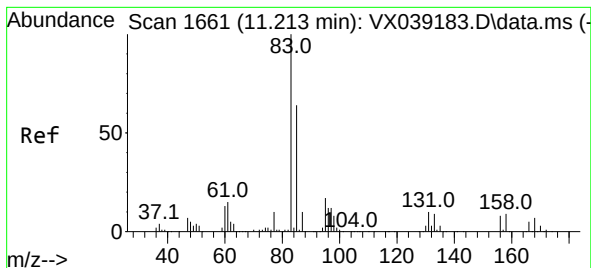
43 100

70 37.4 32.9 49.3

55 22.6 19.3 28.9

61 22.3 18.8 28.2





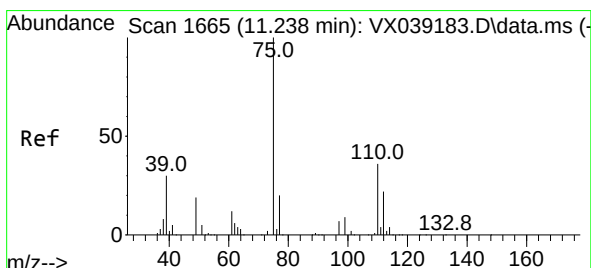
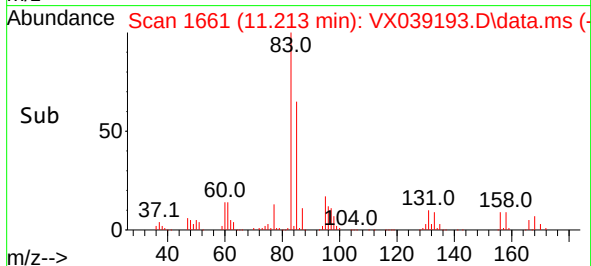
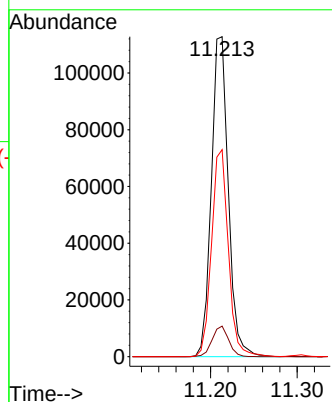
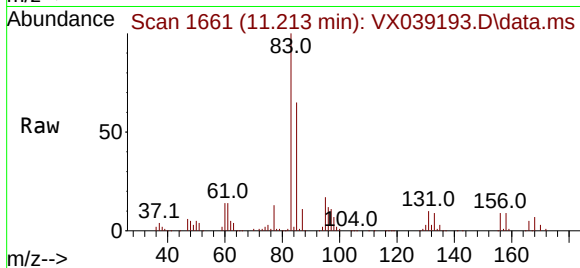
#75
1,1,2,2-Tetrachloroethane
Concen: 51.221 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 15342
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.1 32.0 96.2

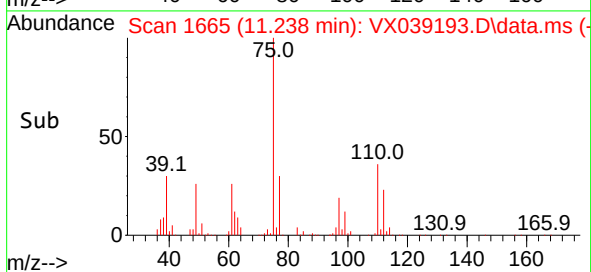
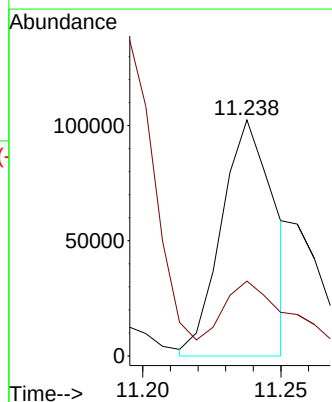
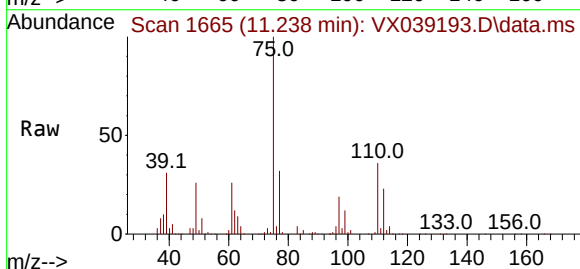
Manual Integrations
APPROVED

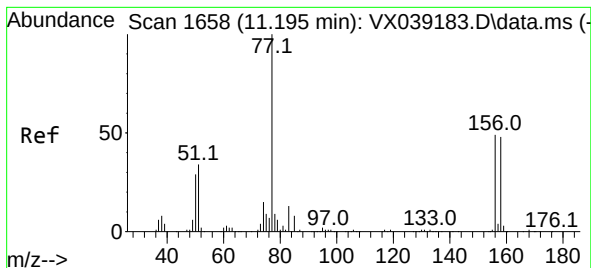
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 49.921 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 75 Resp: 134787
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 51.527 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

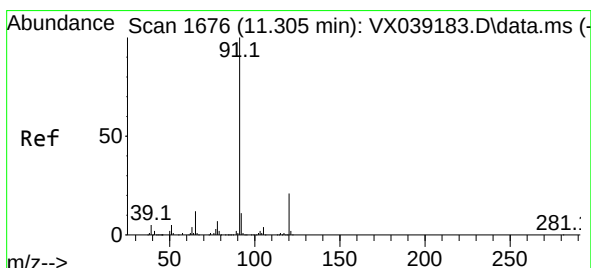
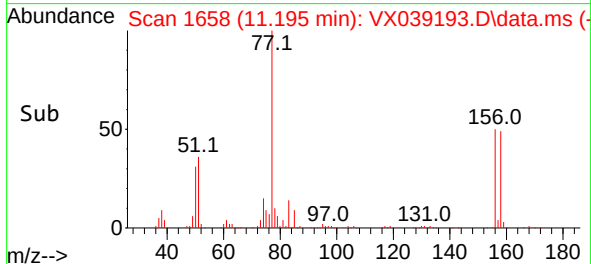
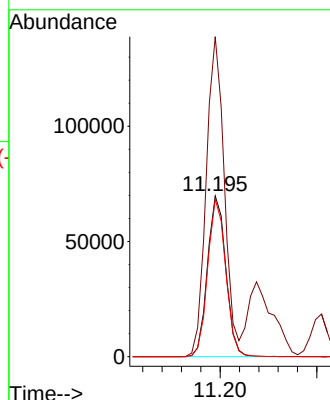
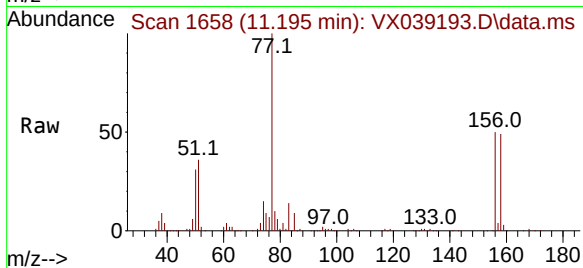
Tgt Ion:	156	Resp:	9174
Ion Ratio	Lower	Upper	
156	100		
77	196.5	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 51.886 ug/l

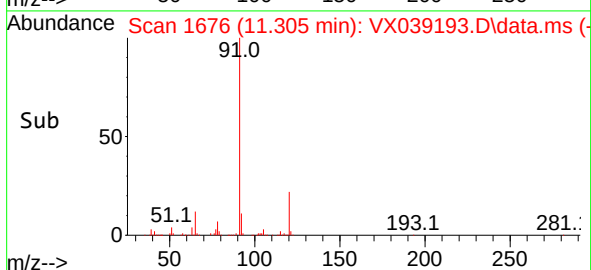
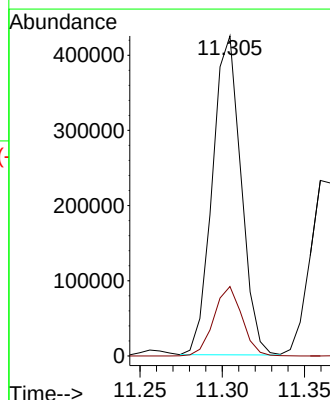
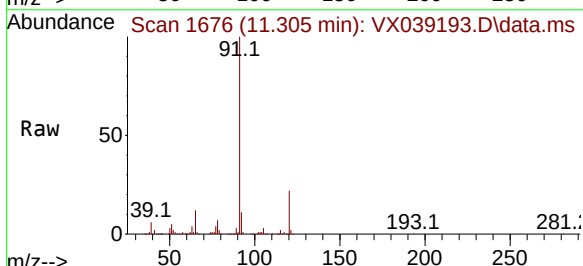
RT: 11.305 min Scan# 1676

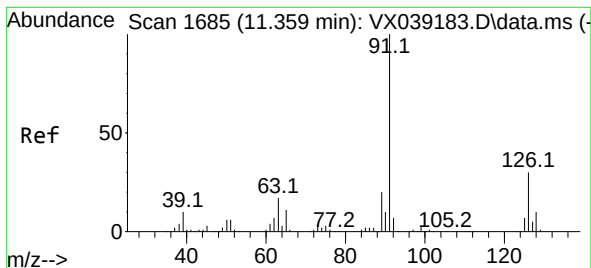
Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:	91	Resp:	514748
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





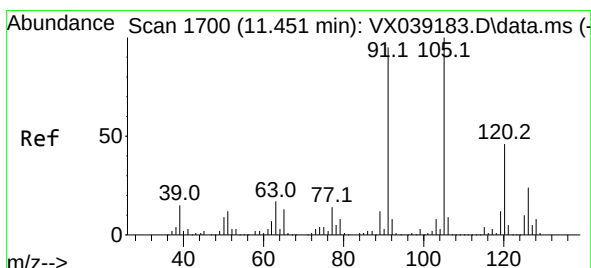
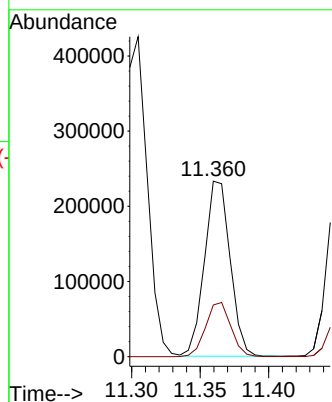
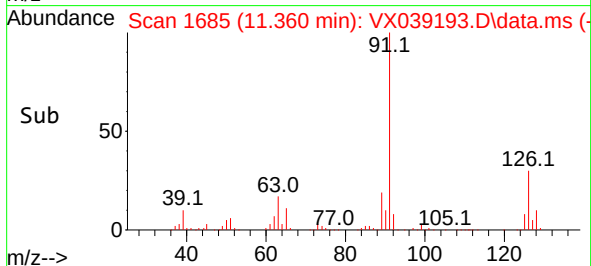
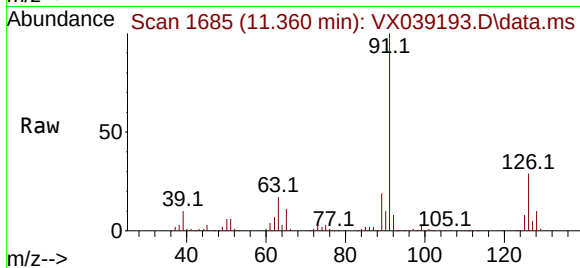
#79
2-Chlorotoluene
Concen: 50.588 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303569
Ion Ratio Lower Upper
91 100
126 30.5 16.3 48.8

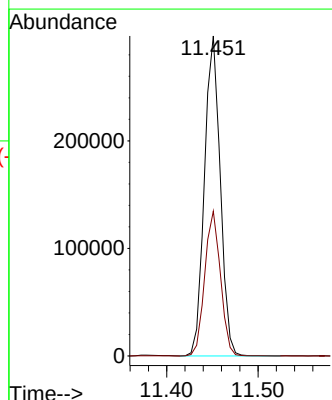
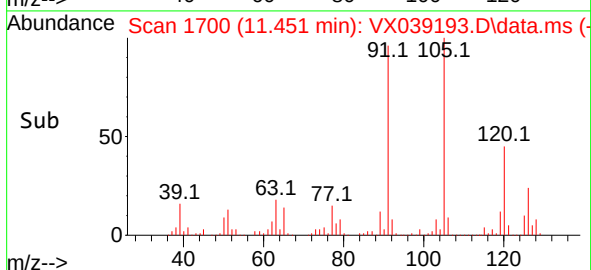
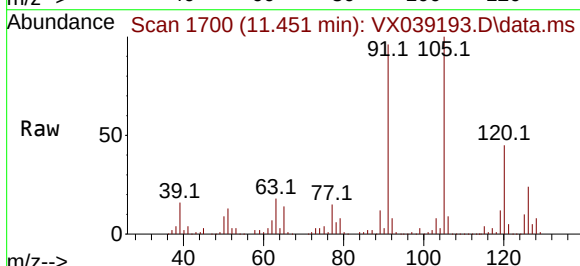
Manual Integrations
APPROVED

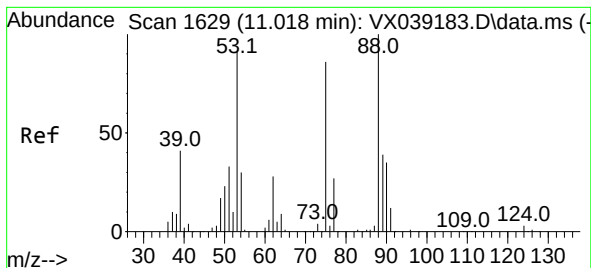
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.938 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:105 Resp: 356265
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





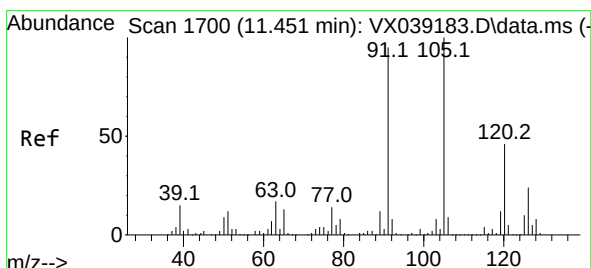
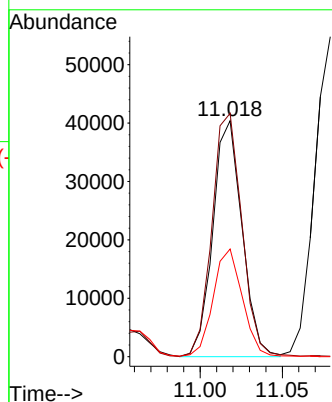
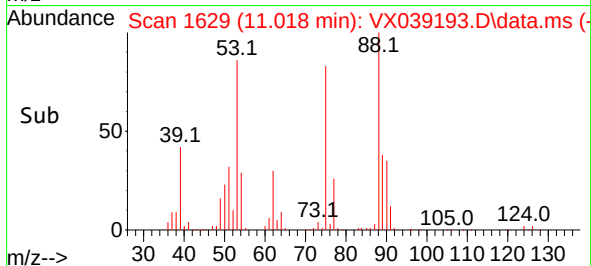
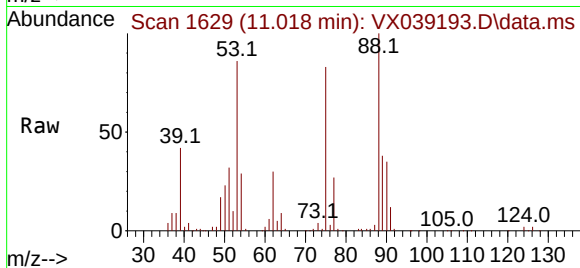
#81
trans-1,4-Dichloro-2-butene
Concen: 52.166 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 49929
Ion Ratio Lower Upper
75 100
53 104.8 90.5 135.7
89 45.8 36.9 55.3

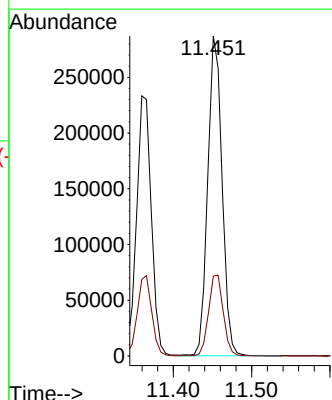
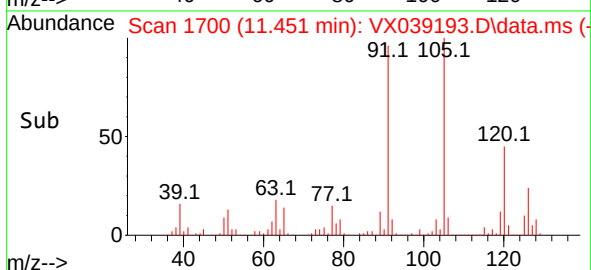
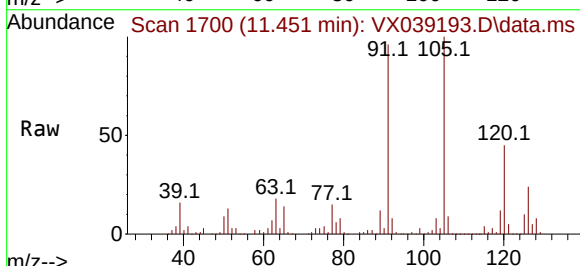
Manual Integrations
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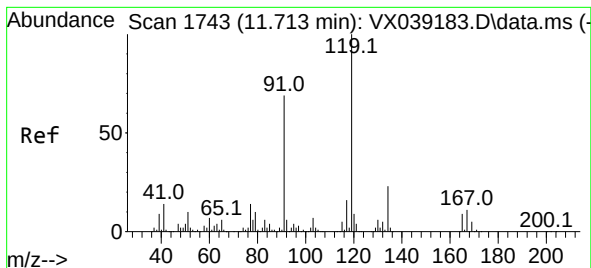
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

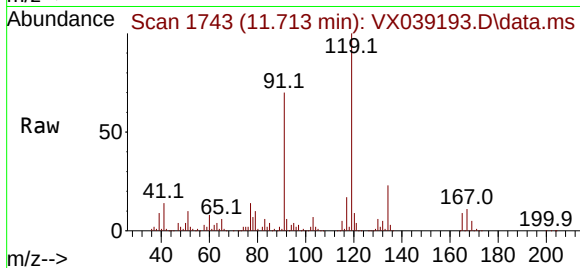
Tgt Ion: 91 Resp: 363380
Ion Ratio Lower Upper
91 100
126 26.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.581 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

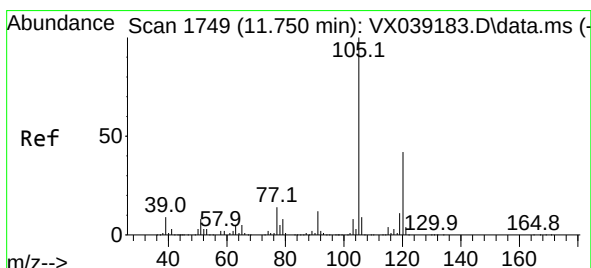
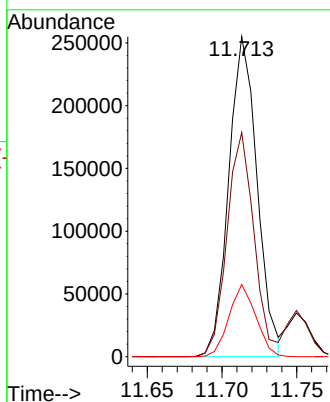
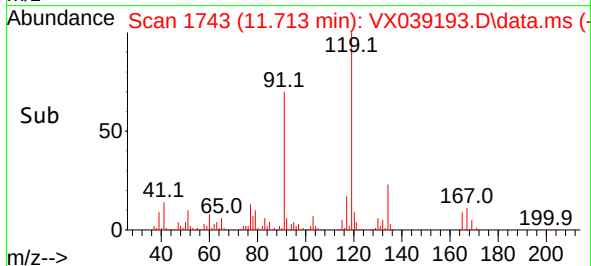
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



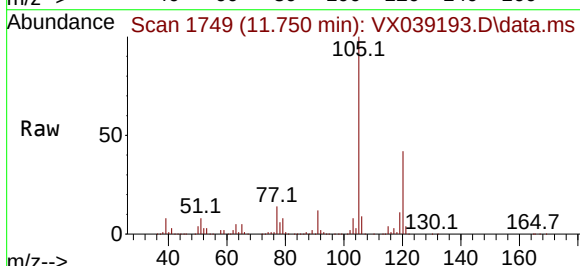
Tgt Ion:119 Resp: 33672
Ion Ratio Lower Upper
119 100
91 67.0 31.2 93.6
134 21.3 11.7 35.0

Manual Integrations
APPROVED

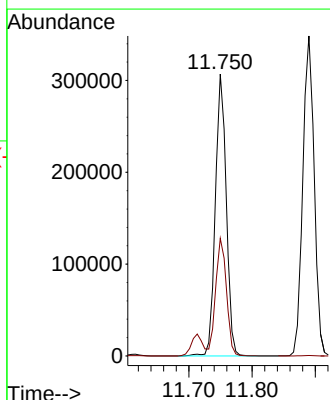
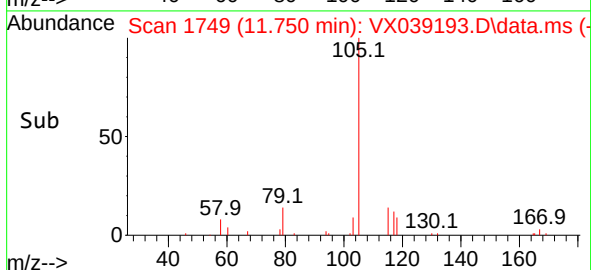
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

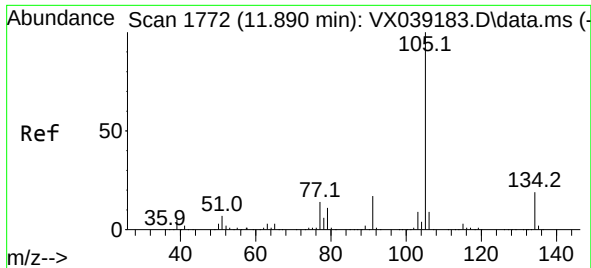


#84
1,2,4-Trimethylbenzene
Concen: 52.170 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55



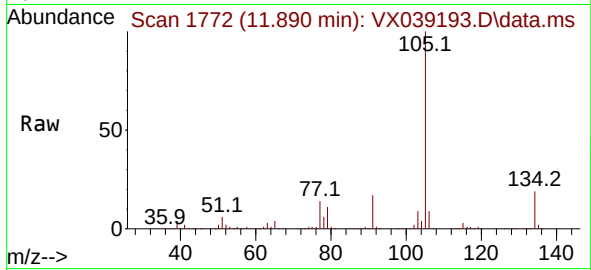
Tgt Ion:105 Resp: 366983
Ion Ratio Lower Upper
105 100
120 41.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.148 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

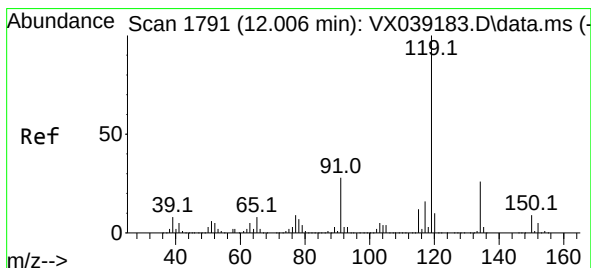
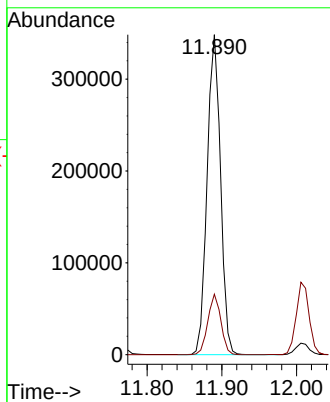
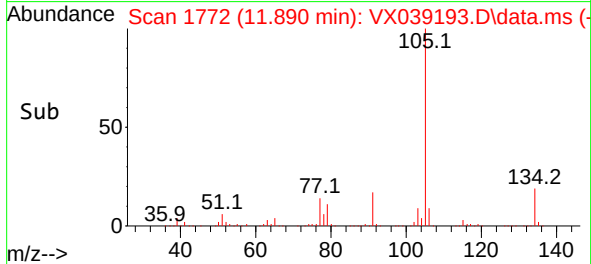
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



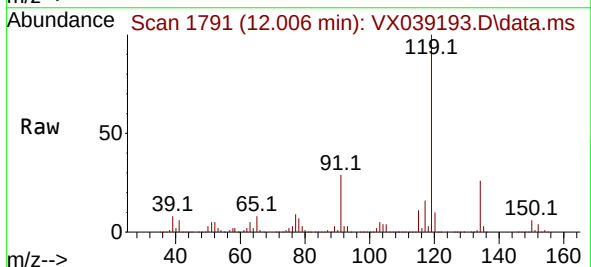
Tgt Ion:105 Resp: 43319
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

Manual Integrations
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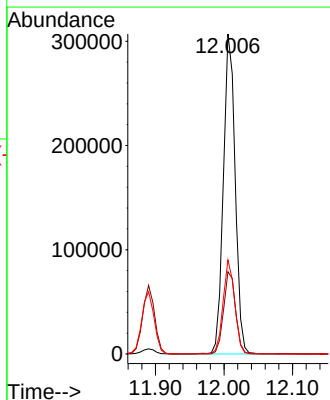
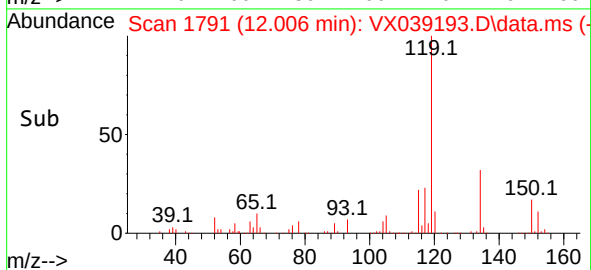
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

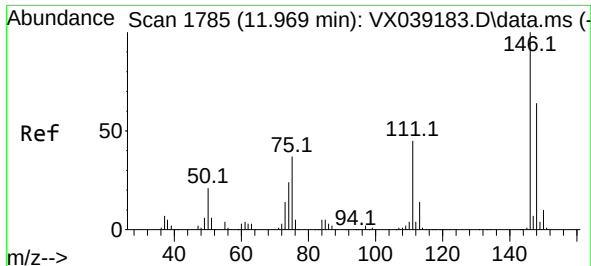


#86
 p-Isopropyltoluene
 Concen: 52.388 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55



Tgt Ion:119 Resp: 365224
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.829 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 177809

Ion Ratio Lower Upper

146 100

111 45.8 22.1 66.1

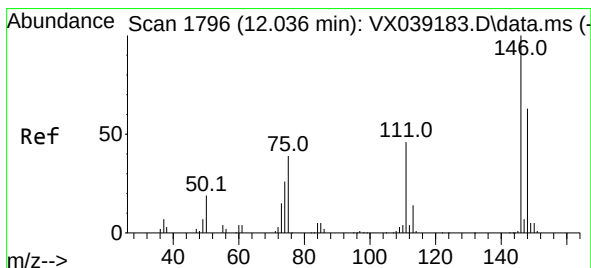
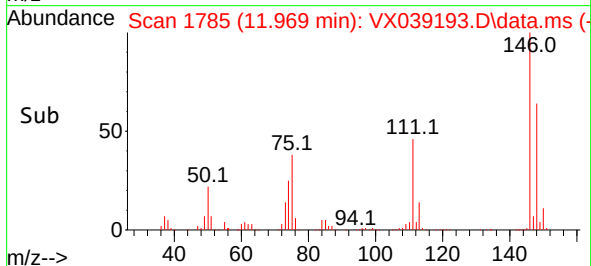
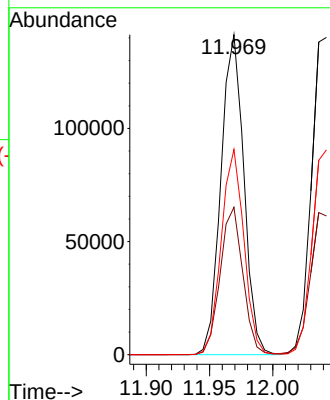
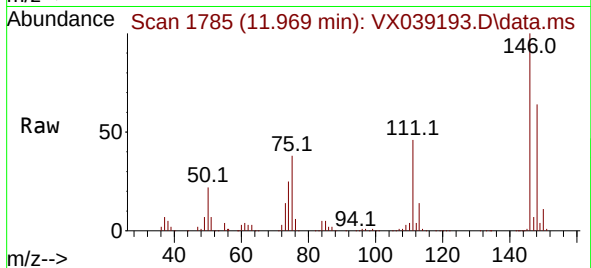
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 49.114 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

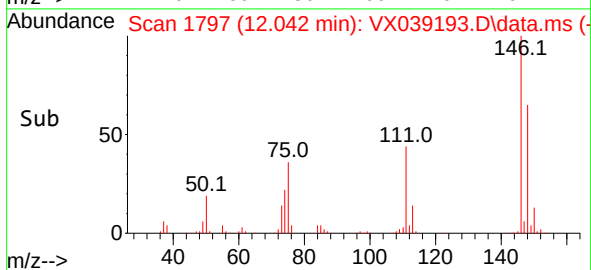
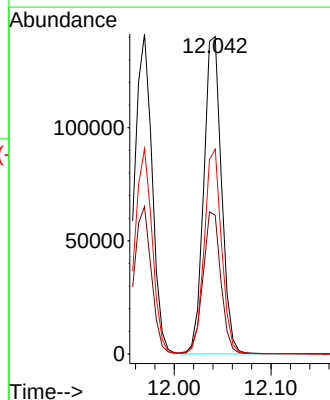
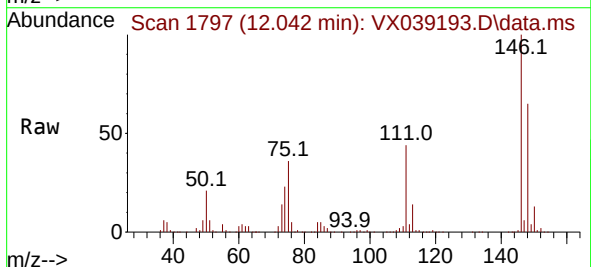
Tgt Ion:146 Resp: 178883

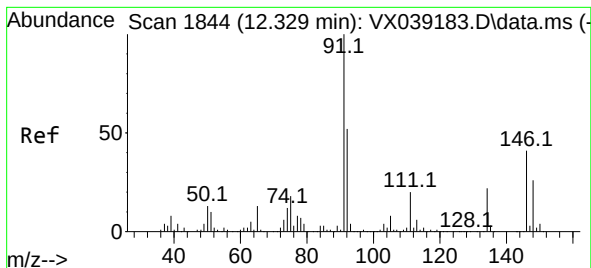
Ion Ratio Lower Upper

146 100

111 45.2 21.3 63.7

148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 53.635 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 36757

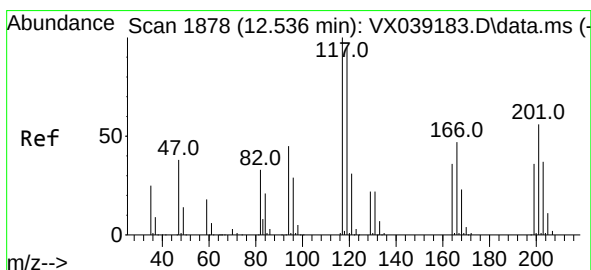
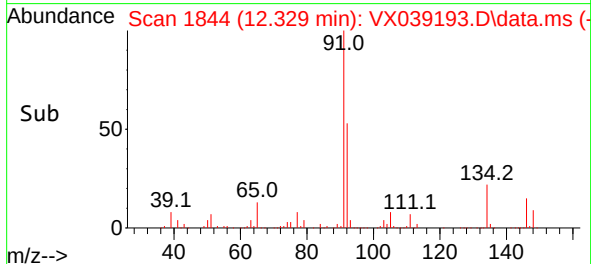
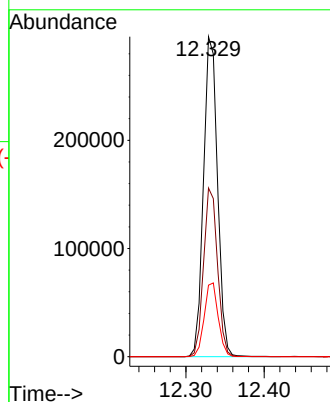
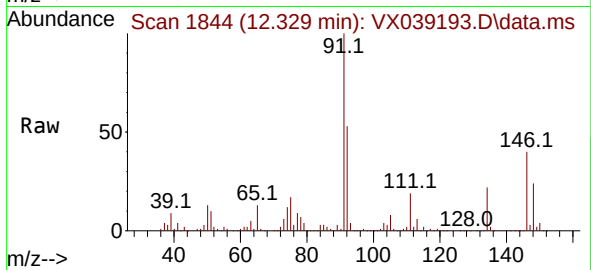
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.4	82.0
134	23.0	12.6	37.8

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 54.068 ug/l

RT: 12.536 min Scan# 1878

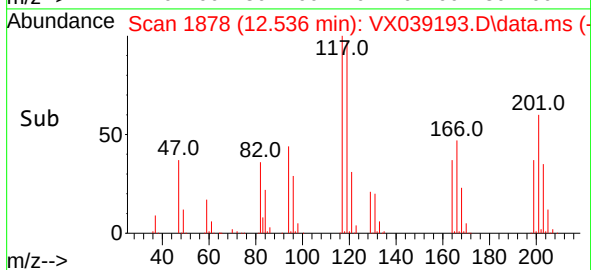
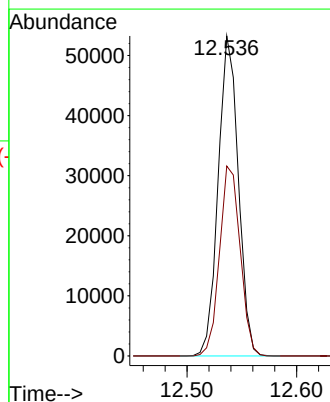
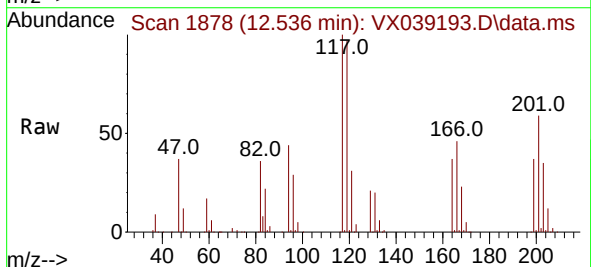
Delta R.T. 0.000 min

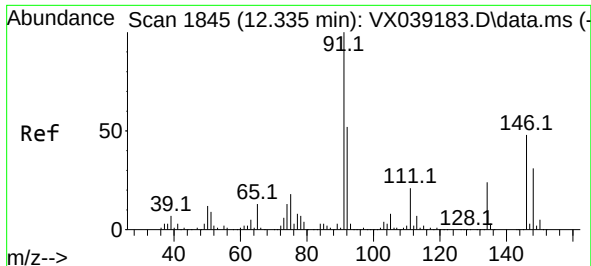
Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:117 Resp: 68089

Ion	Ratio	Lower	Upper
117	100		
201	60.8	32.9	98.6





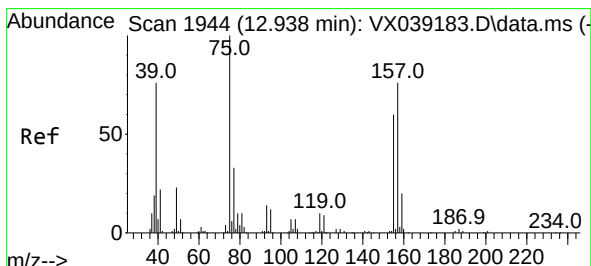
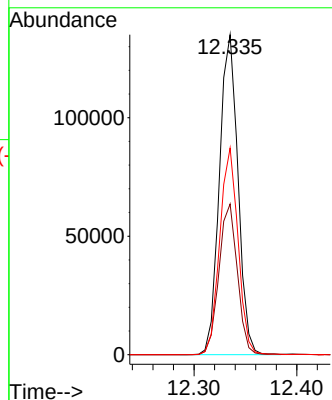
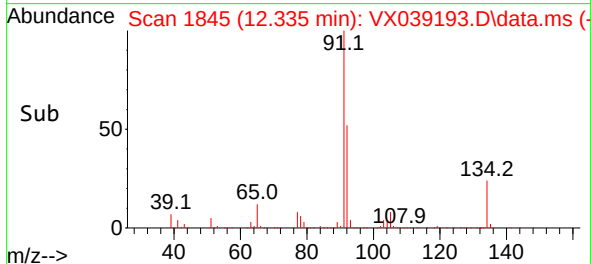
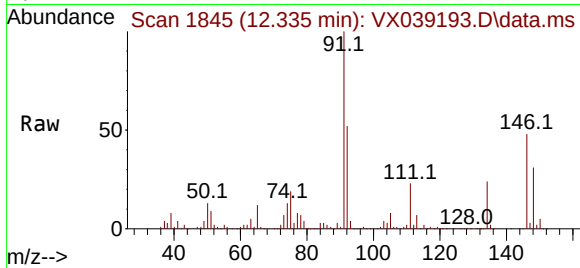
#91
1,2-Dichlorobenzene
Concen: 50.497 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 169014
Ion Ratio Lower Upper
146 100
111 46.9 22.4 67.0
148 63.7 31.6 95.0

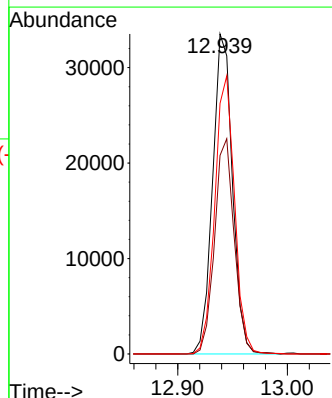
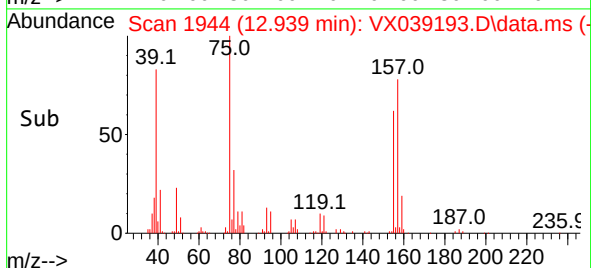
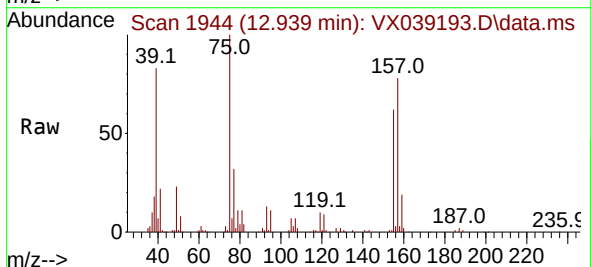
Manual Integrations
APPROVED

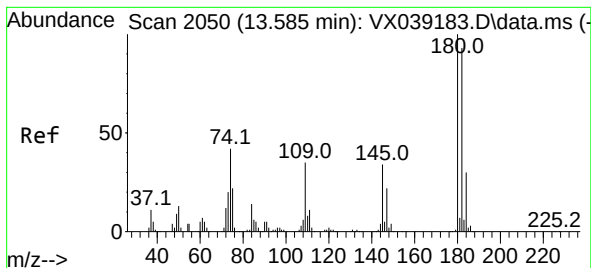
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.396 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 75 Resp: 42127
Ion Ratio Lower Upper
75 100
155 66.7 36.1 108.5
157 86.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.973 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

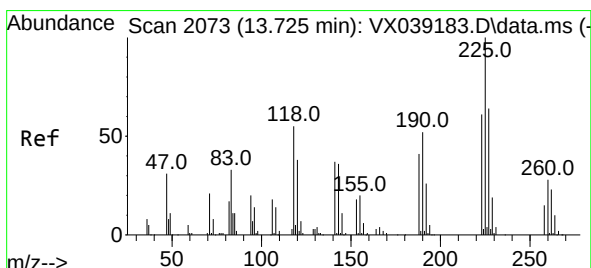
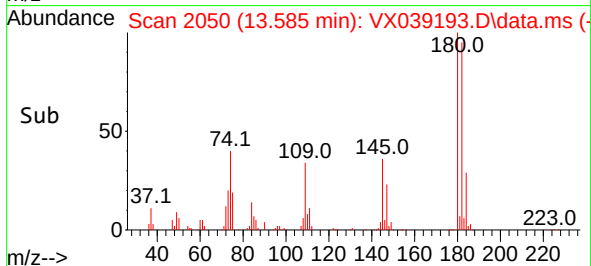
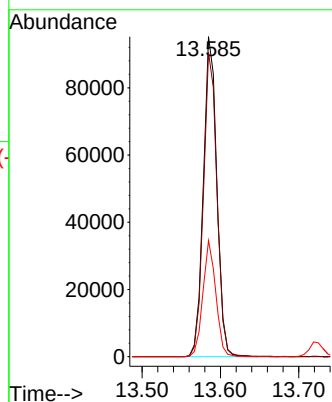
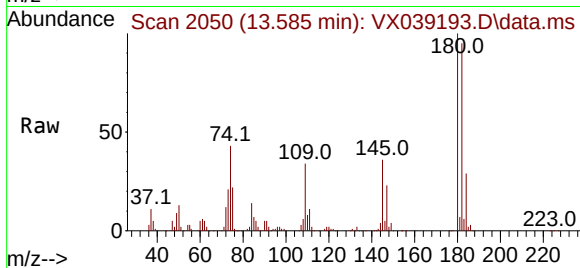
Tgt Ion:180	Resp: 11390
Ion Ratio	Lower Upper
180 100	
182 94.8	48.3 144.8
145 34.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 51.830 ug/l

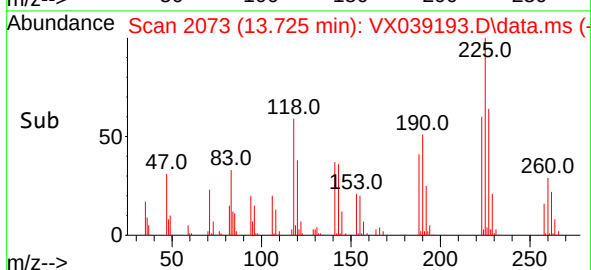
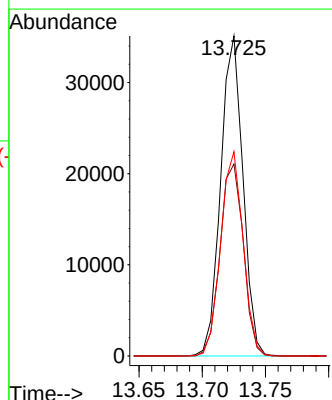
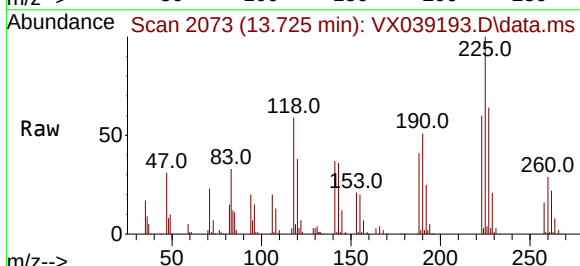
RT: 13.725 min Scan# 2073

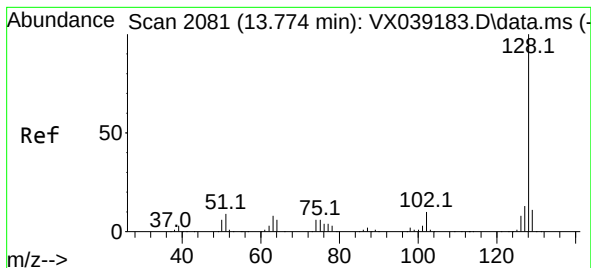
Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:225	Resp: 42808
Ion Ratio	Lower Upper
225 100	
223 62.9	31.1 93.2
227 64.4	32.5 97.5





#95

Naphthalene

Concen: 52.695 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 402197

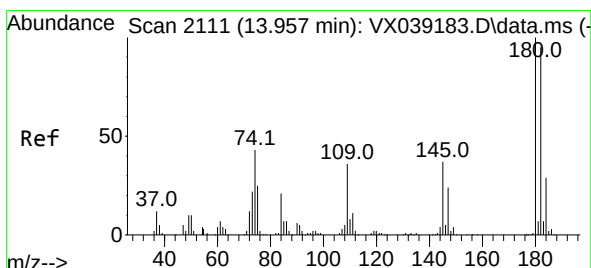
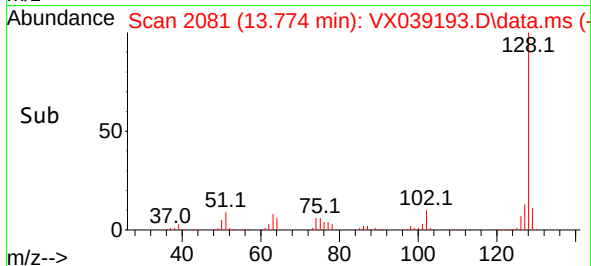
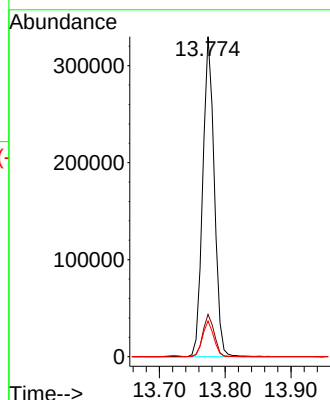
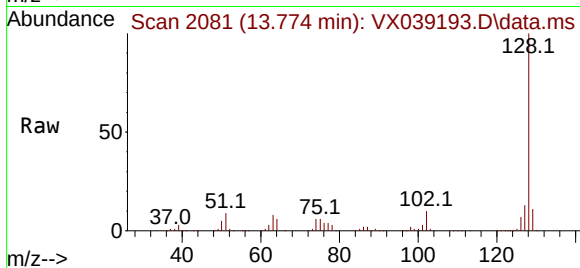
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.132 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:180 Resp: 110297

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.6
145	36.4	17.8	53.5

