

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039014.D
 Acq On : 24 Nov 2023 09:45
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

Quant Time: Nov 27 03:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	11133	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	89264	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	110207	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46844	30.756	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%			
60) 4-Bromofluorobenzene	11.079	95	70562	29.314	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.700%			
63) Toluene-d8	8.647	98	129277	29.670	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33827	20.300	ug/l	100
3) Chloromethane	1.294	50	37510	19.660	ug/l	100
4) Vinyl Chloride	1.374	62	38221	19.843	ug/l	100
5) Bromomethane	1.611	94	26385	22.396	ug/l	100
6) Chloroethane	1.691	64	23284	20.113	ug/l	100
7) Trichlorofluoromethane	1.892	101	53687	20.194	ug/l	100
8) Diethyl Ether	2.130	74	20403	19.993	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29549	19.669	ug/l	100
10) 1,1-Dichloroethene	2.319	96	29951	19.778	ug/l	100
11) Methyl Iodide	2.453	142	30121	18.152	ug/l	100
12) Methyl Acetate	2.697	43	92974	19.685	ug/l	100
13) Acrolein	2.233	56	39404	95.236	ug/l	100
14) Acrylonitrile	3.056	53	113916	98.615	ug/l	100
15) Acetone	2.374	58	47226	112.471	ug/l	100
16) Carbon Disulfide	2.514	76	89397	19.492	ug/l	100
17) Allyl chloride	2.666	41	59606	19.828	ug/l	100
18) Methylene Chloride	2.788	84	34423	19.177	ug/l	100
19) trans-1,2-Dichloroethene	3.093	96	33157	19.359	ug/l	100
20) Diisopropyl ether	3.757	45	113028	19.757	ug/l	100
21) 1,1-Dichloroethane	3.611	63	62384	19.613	ug/l	100
22) cis-1,2-Dichloroethene	4.495	96	39188	19.743	ug/l	100
23) tert-Butyl Alcohol	2.947	59	60885	95.205	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	109575	19.643	ug/l	100
25) Chloroform	5.093	83	62486	19.573	ug/l	100
26) Cyclohexane	5.471	56	56676	19.687	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	47928	19.153	ug/l	100
30) 2-Butanone	4.550	43	187226	99.377	ug/l	100
31) 2,2-Dichloropropane	4.477	77	55721	19.476	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	55899	19.327	ug/l	100
33) Carbon Tetrachloride	5.678	117	47199	19.374	ug/l	100
34) Benzene	6.037	78	139927	19.196	ug/l	100
35) Methacrylonitrile	4.922	41	31339	18.779	ug/l	100
36) 1,2-Dichloroethane	6.080	62	51760	19.352	ug/l	100
37) Trichloroethene	7.123	130	35822	19.362	ug/l	100
38) Methylcyclohexane	7.379	83	60729	19.478	ug/l	100
39) 1,2-Dichloropropane	7.427	63	36054	18.754	ug/l	100
40) Dibromomethane	7.580	93	26017	19.154	ug/l	100
41) Bromodichloromethane	7.818	83	50289	19.272	ug/l	100
42) Vinyl Acetate	3.721	43	435554	97.064	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	62700	19.344	ug/l	100
44) Isopropyl Acetate	6.336	43	96654	18.916	ug/l	100
45) 1,4-Dioxane	7.653	88	19083	365.847	ug/l	100
46) Methyl methacrylate	7.690	41	55602	19.033	ug/l	100
47) n-amyl Acetate	10.842	43	79241	18.323	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	58067	19.191	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	60013	19.227	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	35558	19.271	ug/l	100
51) Ethyl methacrylate	9.116	69	42770	18.517	ug/l	100
52) 1,3-Dichloropropane	9.305	76	61084	19.306	ug/l	100
53) Dibromochloromethane	9.519	129	38418	19.387	ug/l	100
54) 1,2-Dibromoethane	9.610	107	38359	18.957	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	133637	91.332	ug/l	100
56) Bromoform	10.799	173	26776	18.722	ug/l	100
58) 4-Methyl-2-Pentanone	8.568	43	328013	98.149	ug/l	100
59) 2-Hexanone	9.427	43	269619	98.285	ug/l	100
61) Tetrachloroethene	9.275	164	28554	19.928	ug/l	100
62) Toluene	8.720	91	152684	19.514	ug/l	100
64) Chlorobenzene	10.079	112	91881	19.305	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	33518	19.555	ug/l	100
66) Ethyl Benzene	10.189	91	173825	19.510	ug/l	100
67) m/p-Xylenes	10.299	106	127519	38.733	ug/l	100
68) o-Xylene	10.640	106	61368	19.243	ug/l	100
69) Styrene	10.653	104	90572	19.190	ug/l	100
70) Isopropylbenzene	10.963	105	166409	19.503	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	61189	19.210	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	52796m	14.424	ug/l	
73) Bromobenzene	11.195	156	36754	18.920	ug/l	100
74) n-propylbenzene	11.305	91	203425	19.459	ug/l	100
75) 2-Chlorotoluene	11.360	91	118286	19.286	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	142526	19.389	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19544	18.299	ug/l	100
78) 4-Chlorotoluene	11.451	91	139845	19.393	ug/l	100
79) tert-butylbenzene	11.713	119	136331	19.505	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	142323	19.346	ug/l	100
81) sec-Butylbenzene	11.890	105	169550	19.188	ug/l	100
82) p-Isopropyltoluene	12.006	119	143900	19.215	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	70626	18.997	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	73059	19.152	ug/l	100
85) n-Butylbenzene	12.329	91	139541	18.870	ug/l	100
86) Hexachloroethane	12.536	117	27105	19.102	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	69287	19.381	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15677	19.244	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	45535	19.211	ug/l	100
90) Hexachlorobutadiene	13.725	225	16435	19.419	ug/l	100
91) Naphthalene	13.774	128	165422	18.924	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	44403	19.341	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

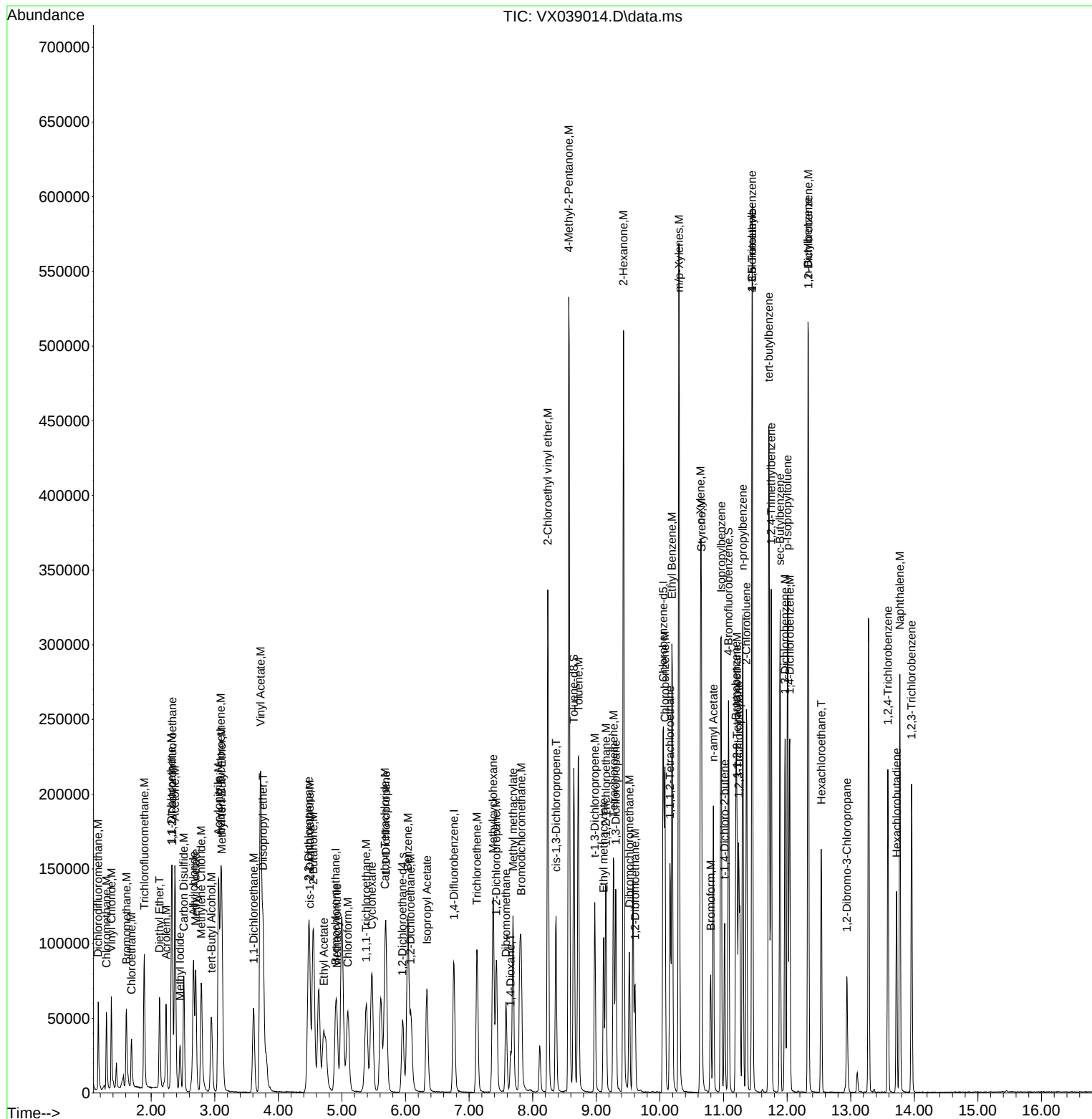
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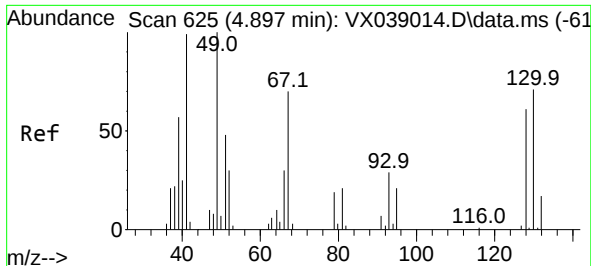
Instrument :
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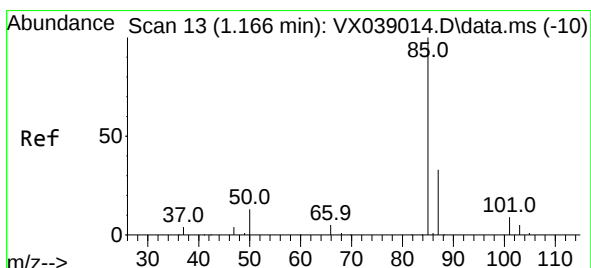
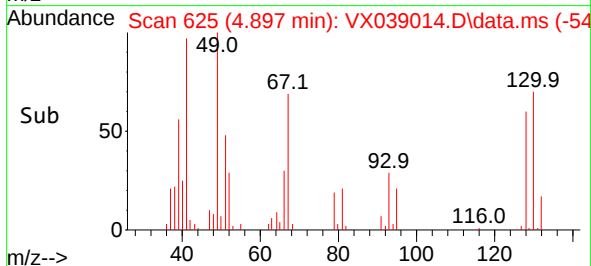
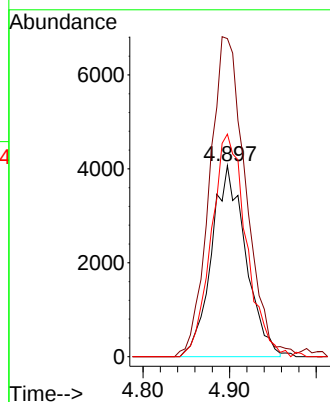
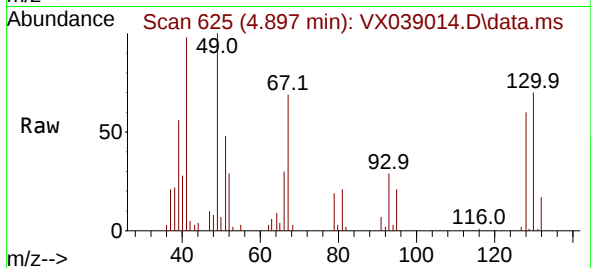
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 1113
Ion Ratio Lower Upper
128 100
49 177.6 0.0 444.0
130 119.1 0.0 297.8

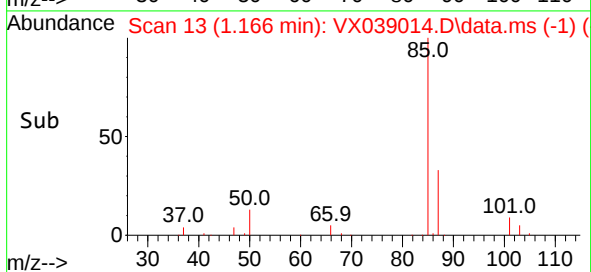
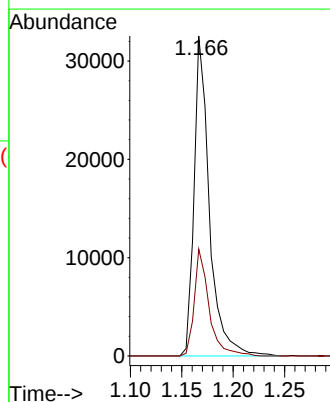
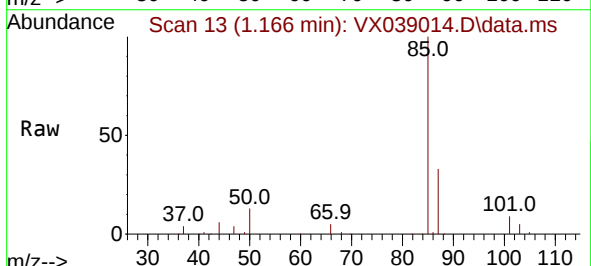
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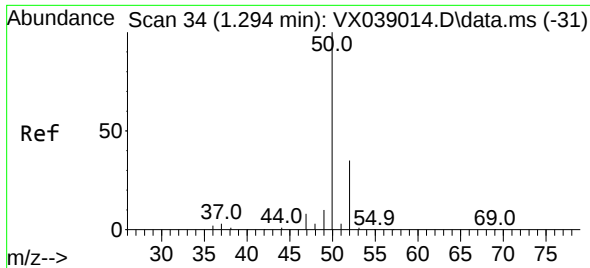
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 20.300 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

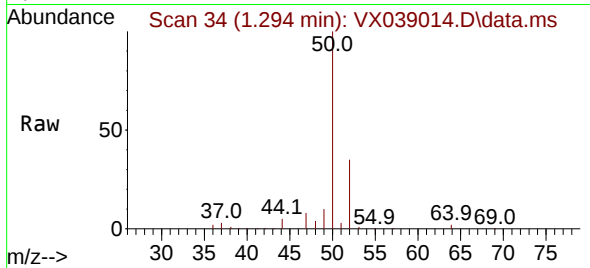
Tgt Ion: 85 Resp: 33827
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3
Chloromethane
Concen: 19.660 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

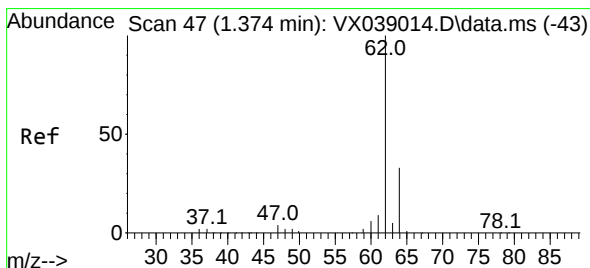
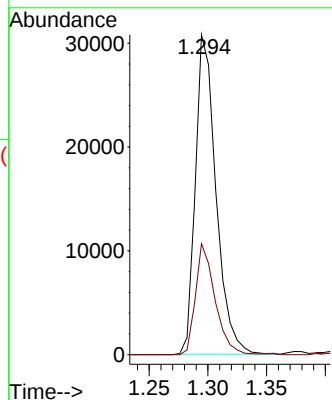
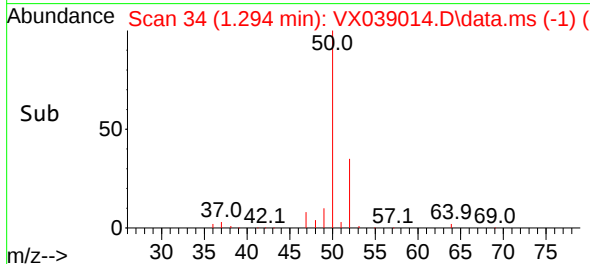
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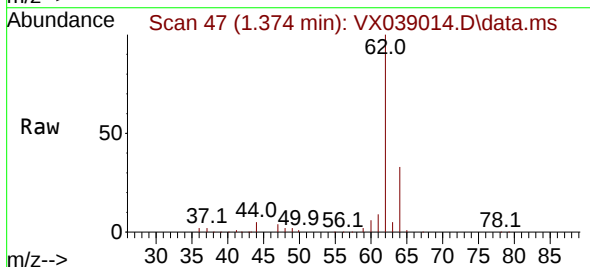
Tgt Ion: 50 Resp: 37510
Ion Ratio Lower Upper
50 100
52 34.8 27.8 41.8

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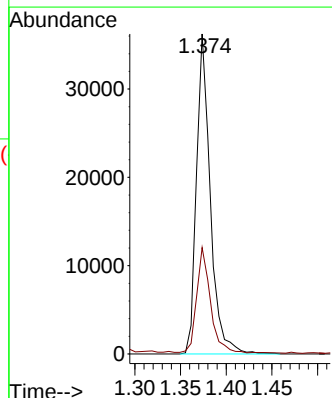
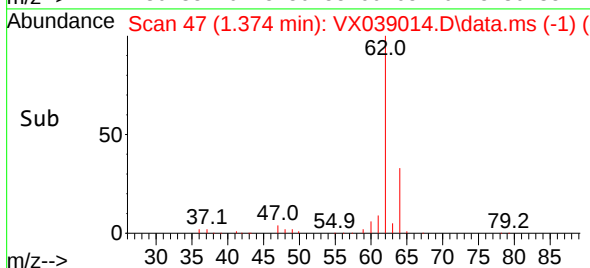
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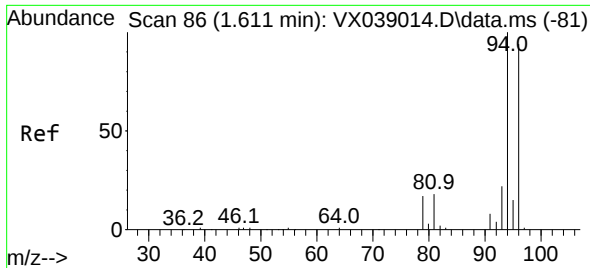


#4
Vinyl Chloride
Concen: 19.843 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



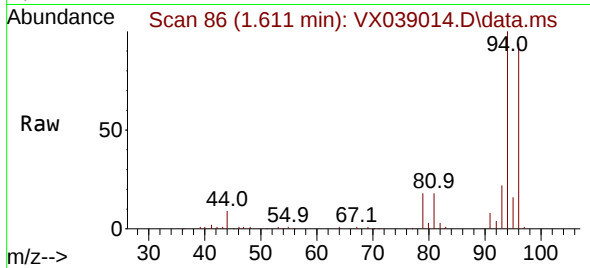
Tgt Ion: 62 Resp: 38221
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5





#5
Bromomethane
Concen: 22.396 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

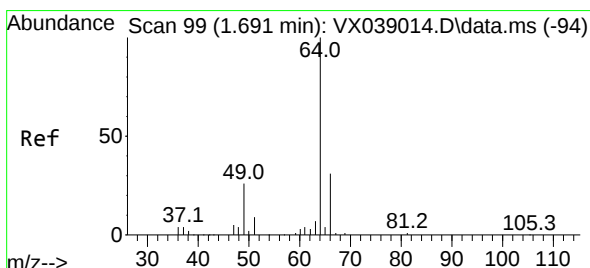
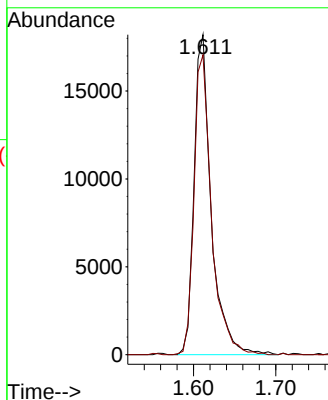
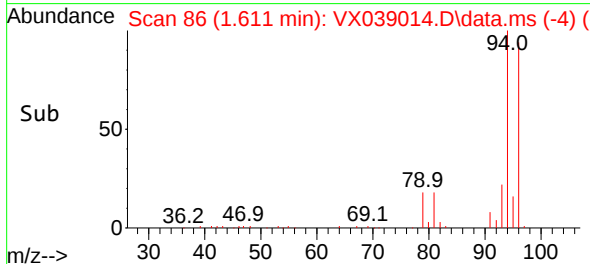
Instrument :
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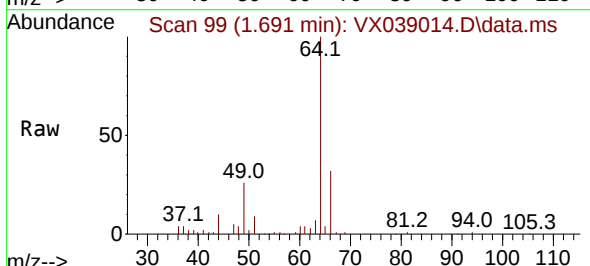
Tgt Ion: 94 Resp: 2638
Ion Ratio Lower Upper
94 100
96 93.6 74.9 112.3

Manual Integrations
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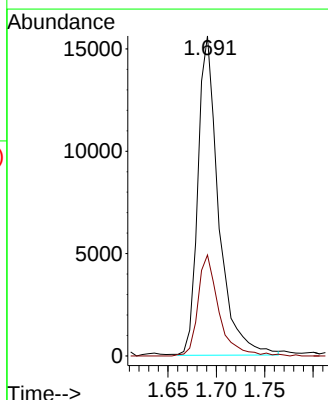
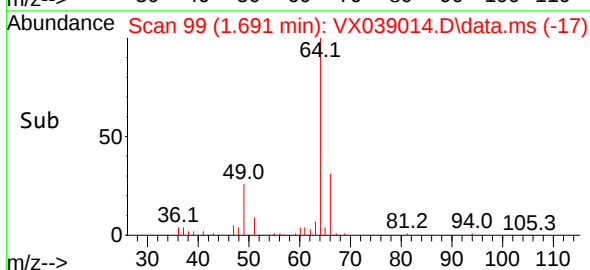
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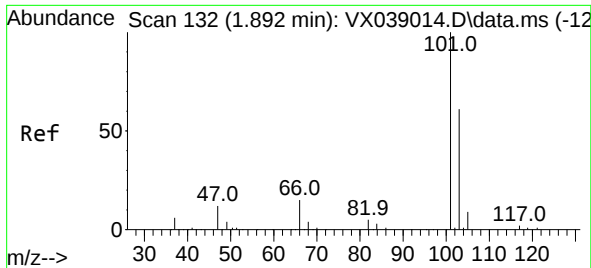


#6
Chloroethane
Concen: 20.113 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



Tgt Ion: 64 Resp: 23284
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





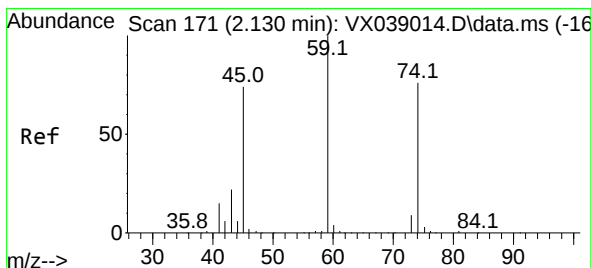
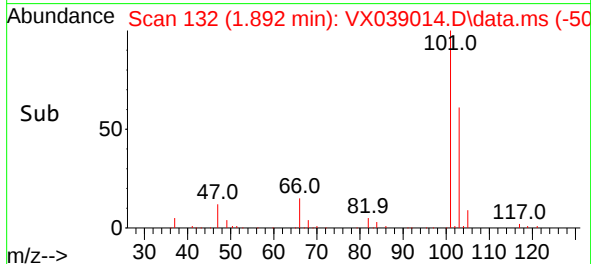
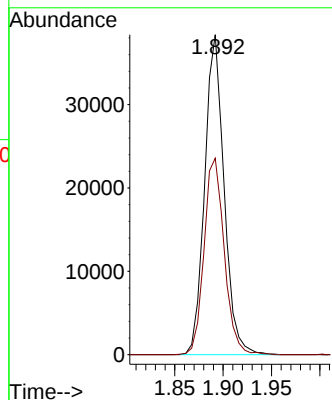
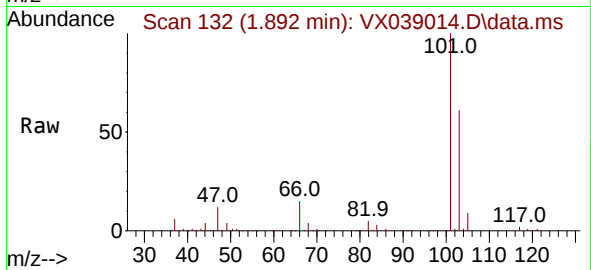
#7
Trichlorofluoromethane
Concen: 20.194 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039014.D
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Instrument :
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Tgt Ion:101 Resp: 5368
Ion Ratio Lower Upper
101 100
103 61.4 49.1 73.7

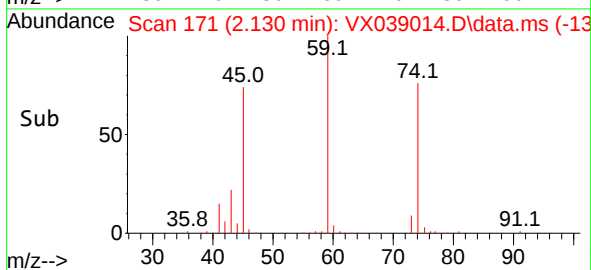
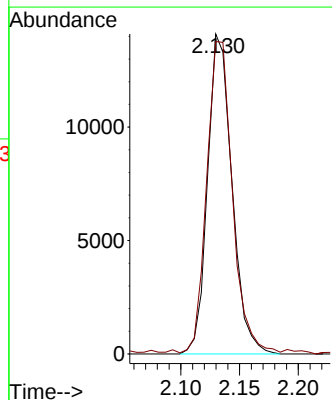
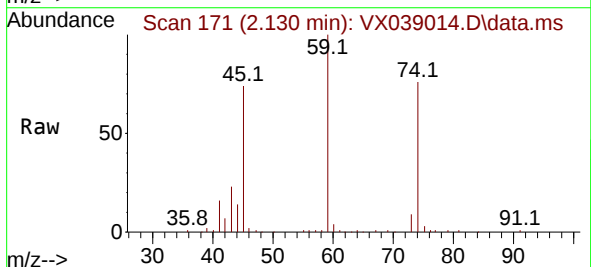
Manual Integrations
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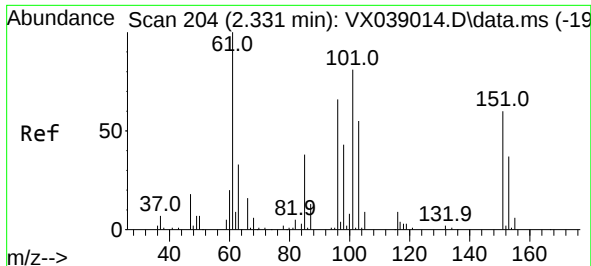
Reviewed By :John Carlone 11/27/2023
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#8
Diethyl Ether
Concen: 19.993 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 74 Resp: 20403
Ion Ratio Lower Upper
74 100
45 102.5 20.5 184.5





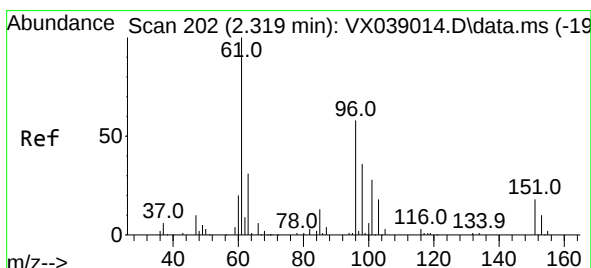
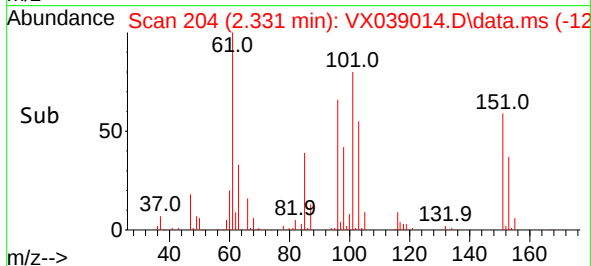
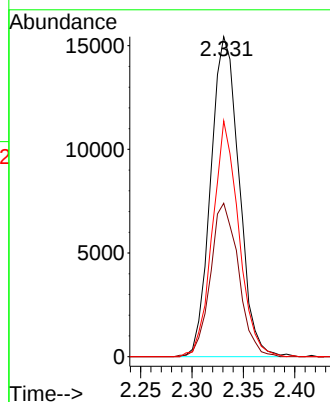
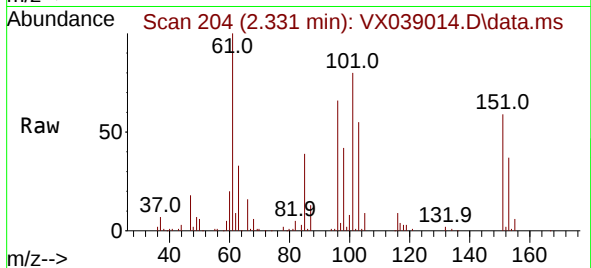
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.669 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039014.D
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ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 29549
Ion Ratio Lower Upper
101 100
85 47.6 0.0 95.2
151 68.4 0.0 136.8

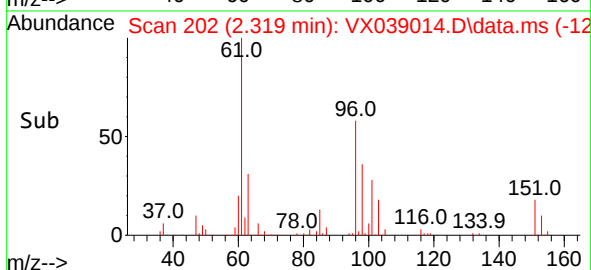
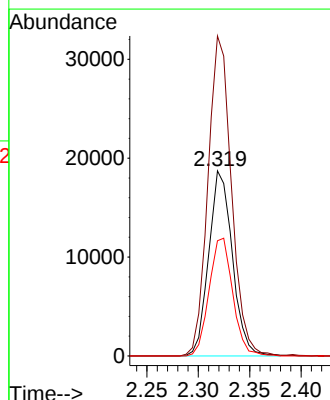
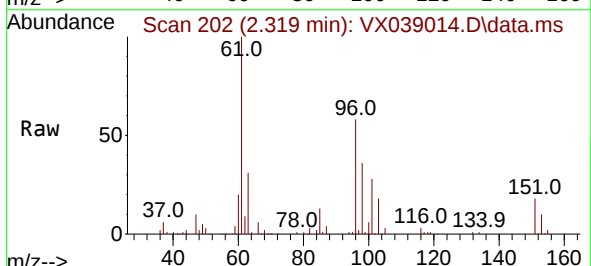
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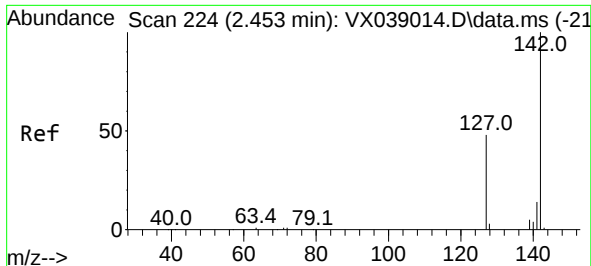
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 19.778 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 96 Resp: 29951
Ion Ratio Lower Upper
96 100
61 172.9 138.3 207.5
98 62.2 49.8 74.6





#11

Methyl Iodide

Concen: 18.152 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

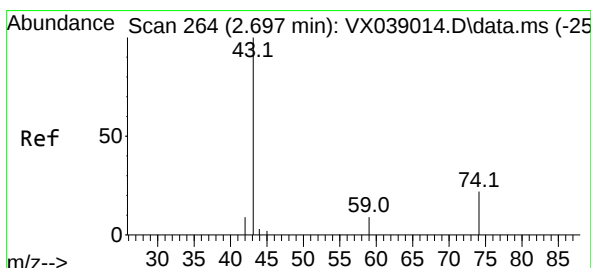
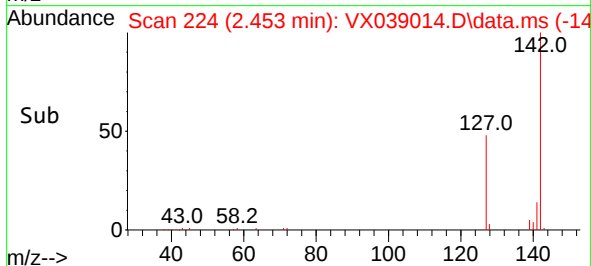
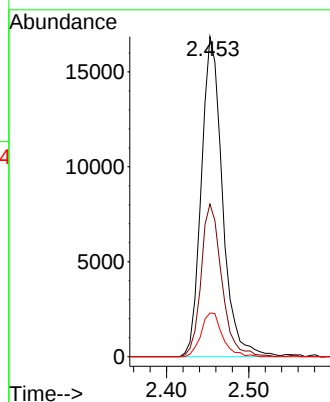
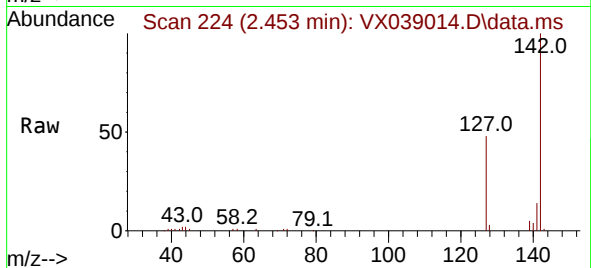
Tgt Ion:	142	Resp:	3012
Ion Ratio	Lower	Upper	
142	100		
127	47.6	23.8	71.4
141	13.7	6.9	20.6

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#12

Methyl Acetate

Concen: 19.685 ug/l

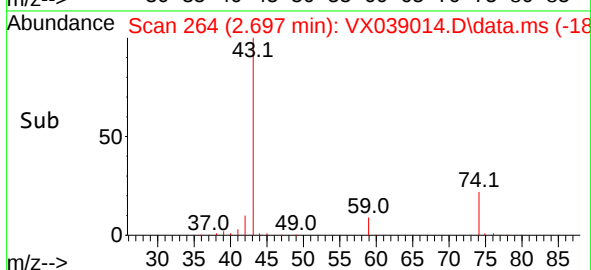
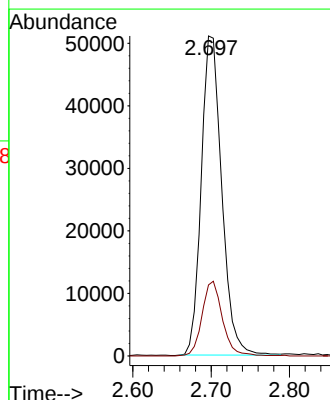
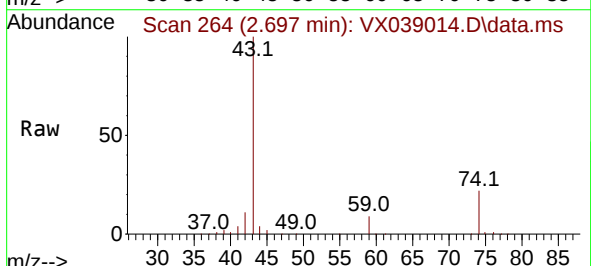
RT: 2.697 min Scan# 264

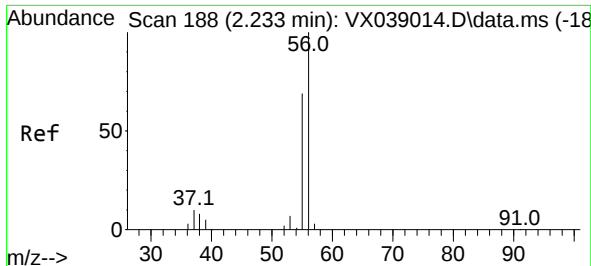
Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

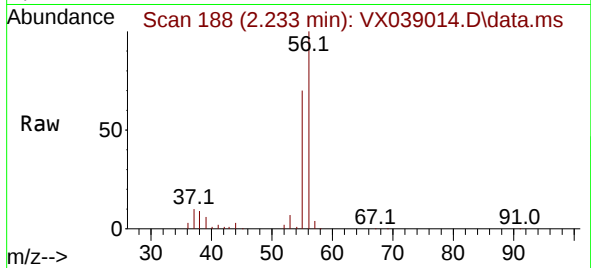
Tgt Ion:	43	Resp:	92974
Ion Ratio	Lower	Upper	
43	100		
74	22.2	17.8	26.6





#13
Acrolein
Concen: 95.236 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

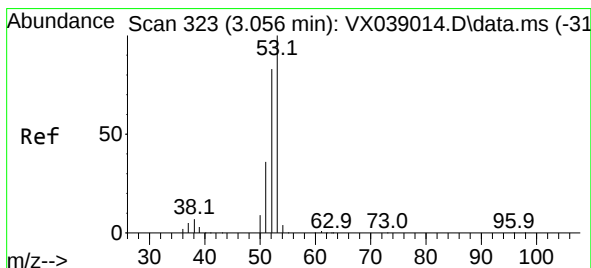
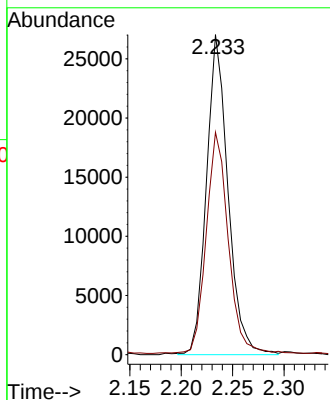
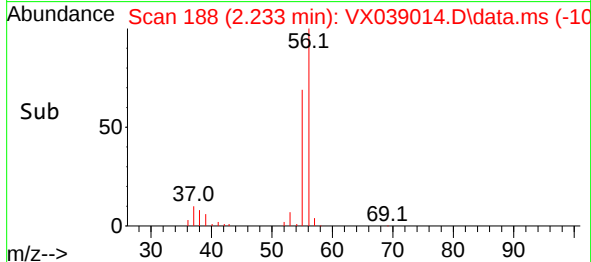
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



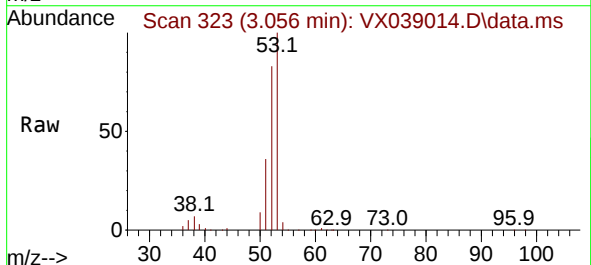
Tgt Ion: 56 Resp: 39404
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8

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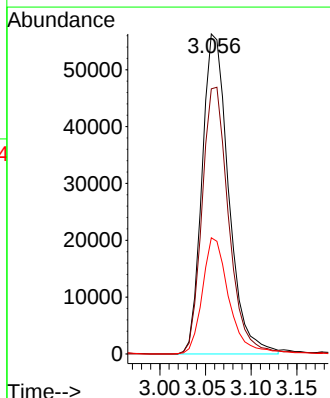
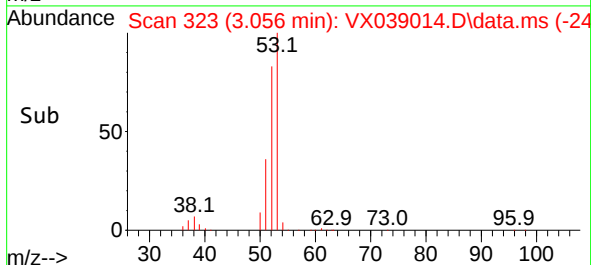
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

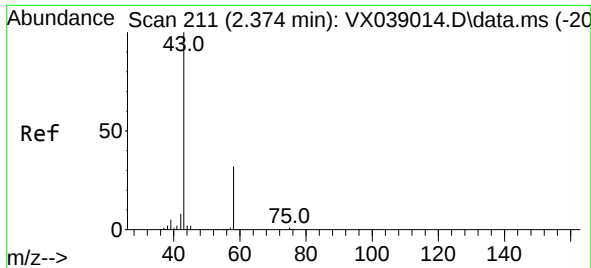


#14
Acrylonitrile
Concen: 98.615 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



Tgt Ion: 53 Resp: 113916
Ion Ratio Lower Upper
53 100
52 83.7 41.9 125.6
51 36.6 18.3 54.9





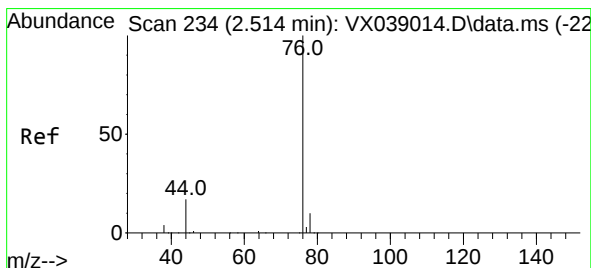
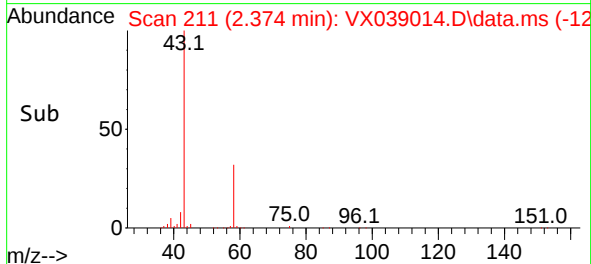
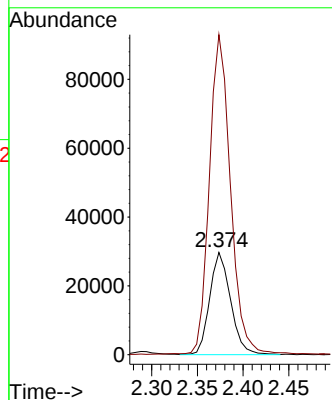
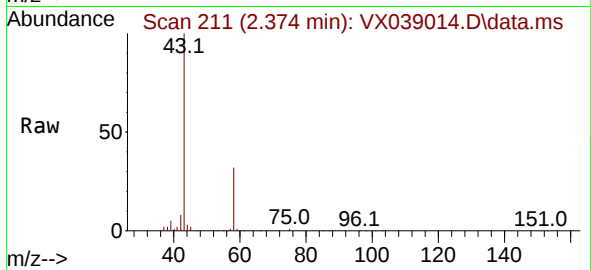
#15
Acetone
Concen: 112.471 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 47220
Ion Ratio Lower Upper
58 100
43 312.4 249.9 374.9

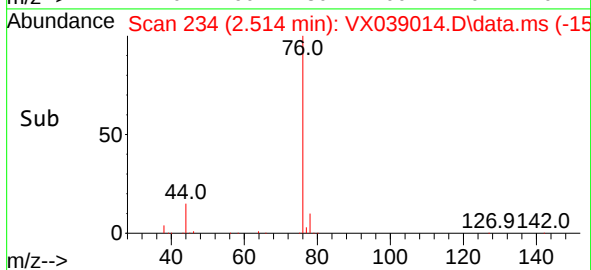
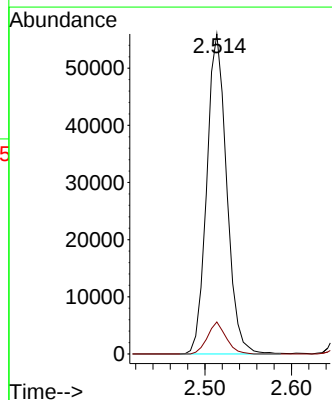
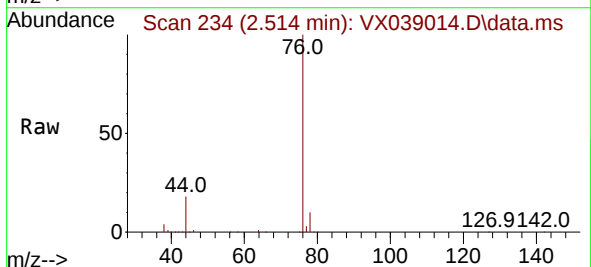
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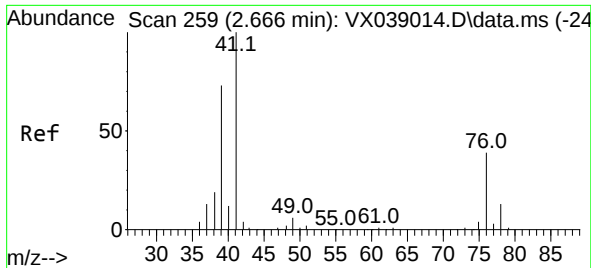
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#16
Carbon Disulfide
Concen: 19.492 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 76 Resp: 89397
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0





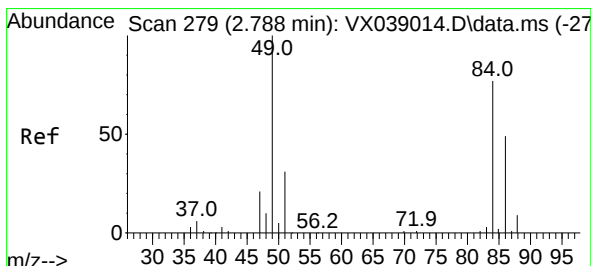
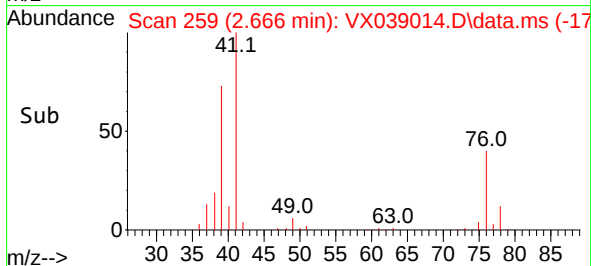
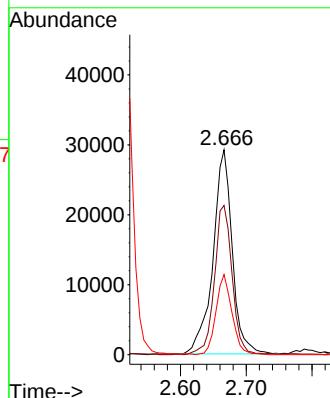
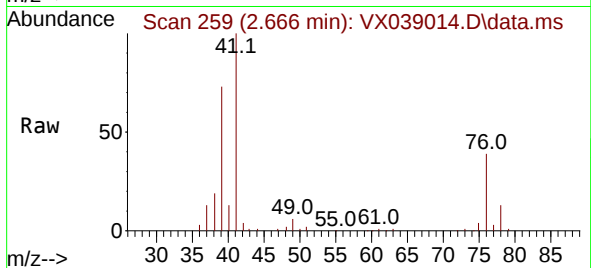
#17
 Allyl chloride
 Concen: 19.828 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039014.D
 Acq: 24 Nov 2023 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 41 Resp: 59600
 Ion Ratio Lower Upper
 41 100
 39 73.0 36.5 109.5
 76 39.3 19.7 59.0

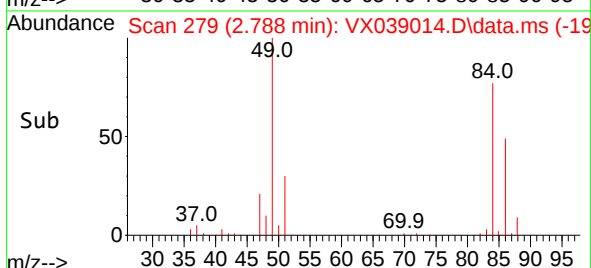
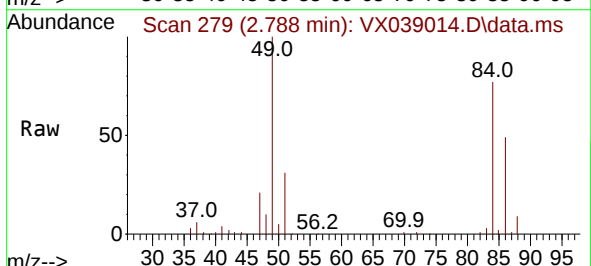
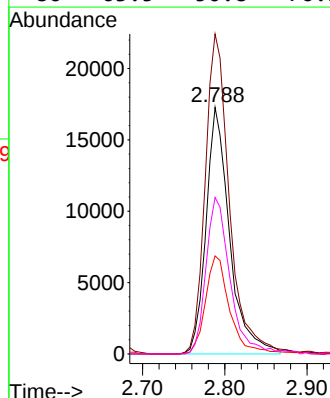
Manual Integrations
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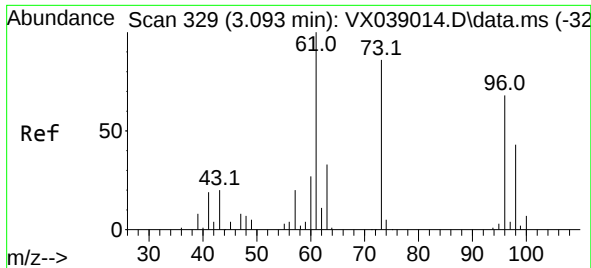
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 19.177 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039014.D
 Acq: 24 Nov 2023 09:45

Tgt Ion: 84 Resp: 34423
 Ion Ratio Lower Upper
 84 100
 49 129.8 103.8 155.8
 51 39.7 31.8 47.6
 86 63.5 50.8 76.2





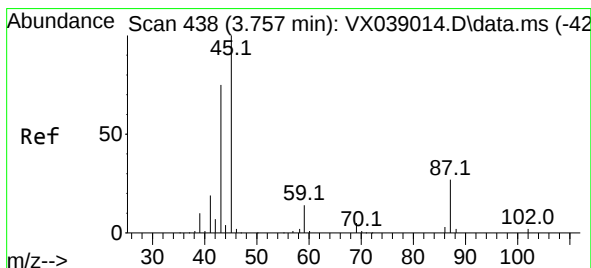
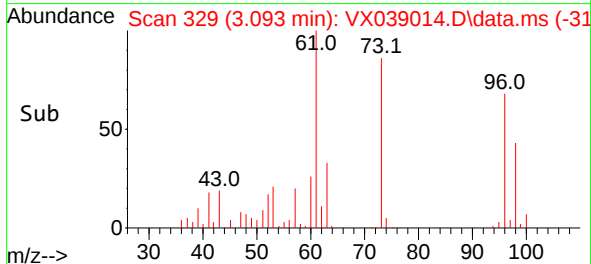
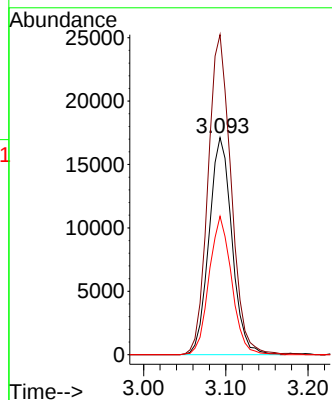
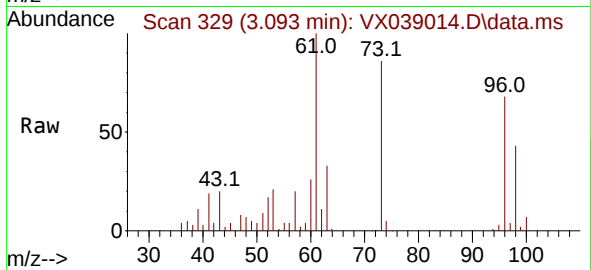
#19
trans-1,2-Dichloroethene
Concen: 19.359 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 3315
Ion Ratio Lower Upper
96 100
61 147.4 117.9 176.9
98 63.8 51.0 76.6

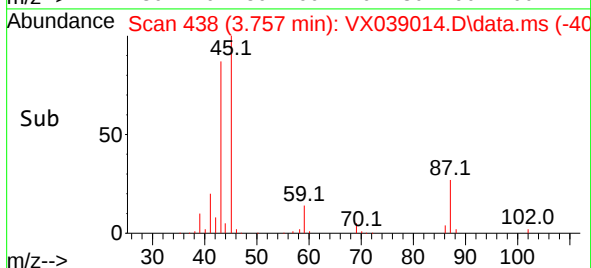
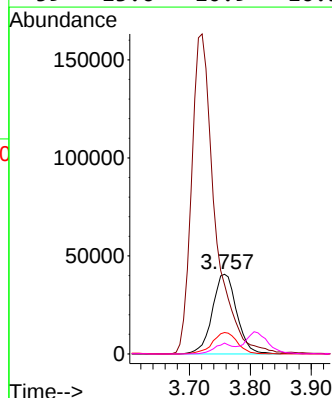
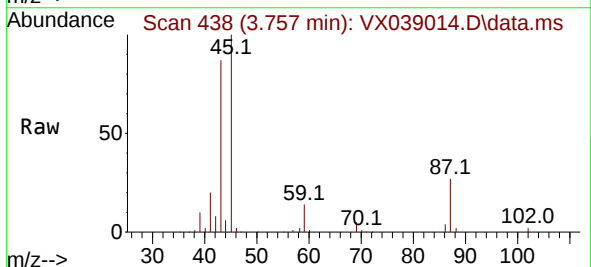
Manual Integrations
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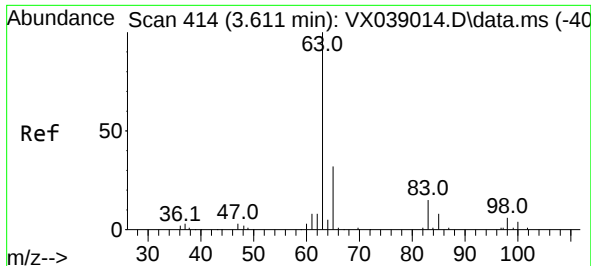
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 19.757 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 45 Resp: 113028
Ion Ratio Lower Upper
45 100
43 84.6 67.7 101.5
87 26.9 21.5 32.3
59 13.6 10.9 16.3





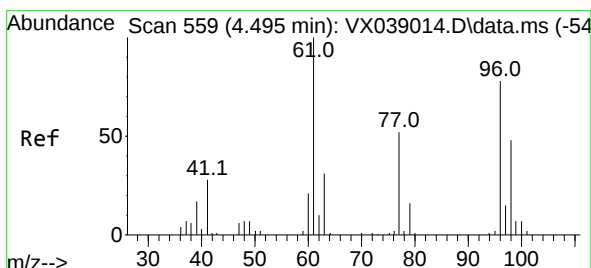
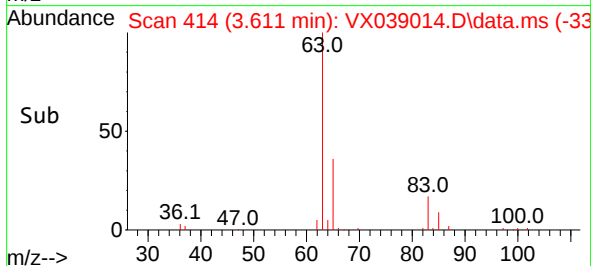
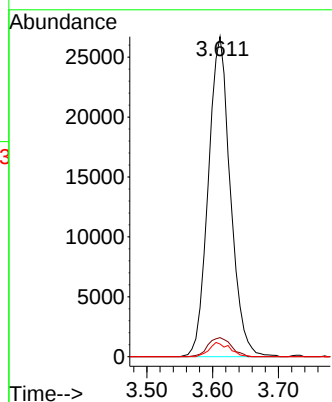
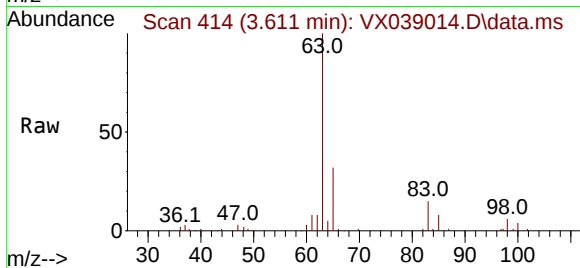
#21
1,1-Dichloroethane
Concen: 19.613 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 62384
Ion Ratio Lower Upper
63 100
98 5.9 2.9 8.8
100 3.9 2.0 5.8

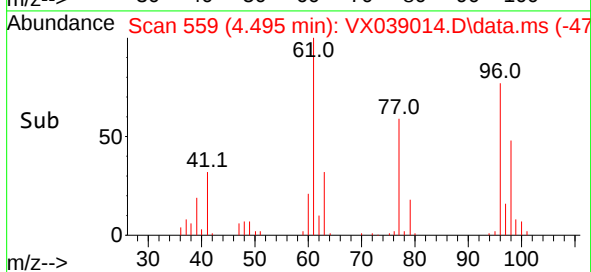
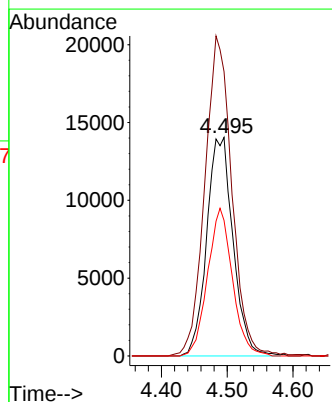
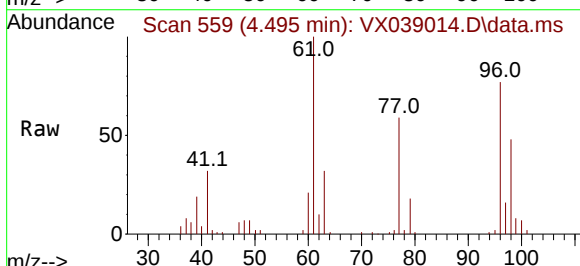
Manual Integrations
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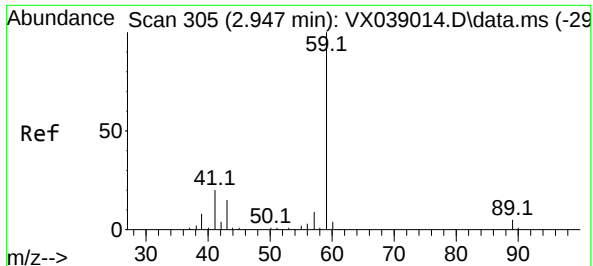
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 19.743 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 96 Resp: 39188
Ion Ratio Lower Upper
96 100
61 149.7 119.8 179.6
98 63.6 50.9 76.3





#23

tert-Butyl Alcohol

Concen: 95.205 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 6088

Ion Ratio Lower Upper

59 100

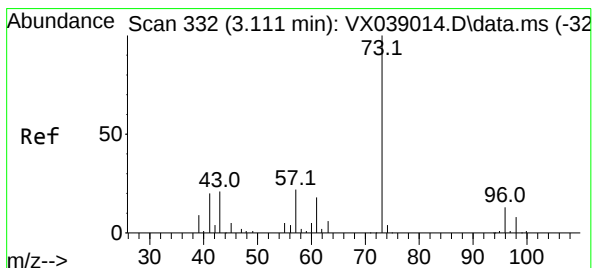
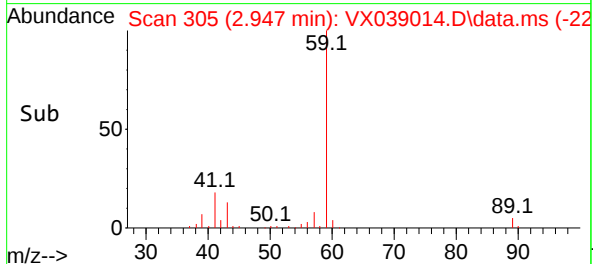
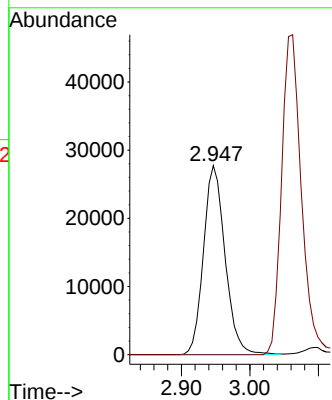
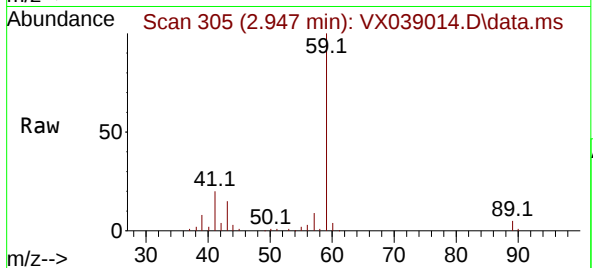
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#24

Methyl tert-Butyl Ether

Concen: 19.643 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX039014.D

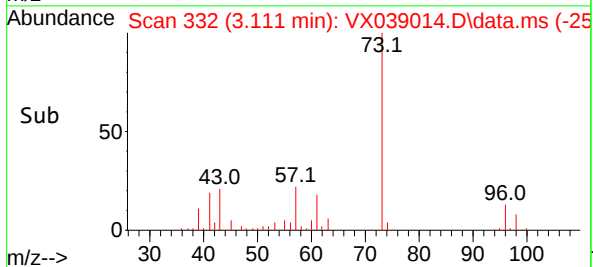
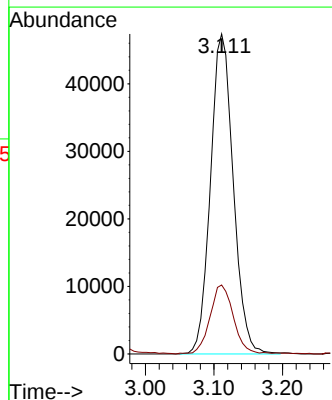
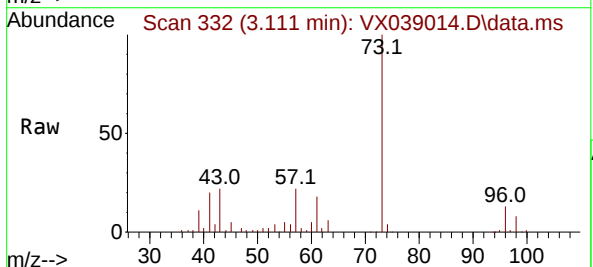
Acq: 24 Nov 2023 09:45

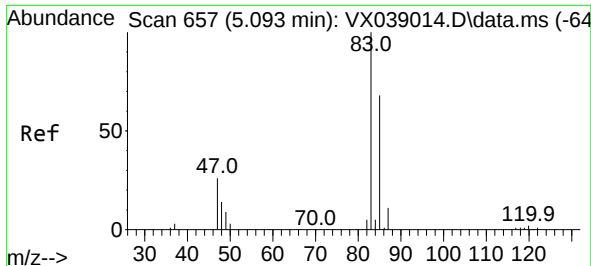
Tgt Ion: 73 Resp: 109575

Ion Ratio Lower Upper

73 100

43 21.3 17.0 25.6





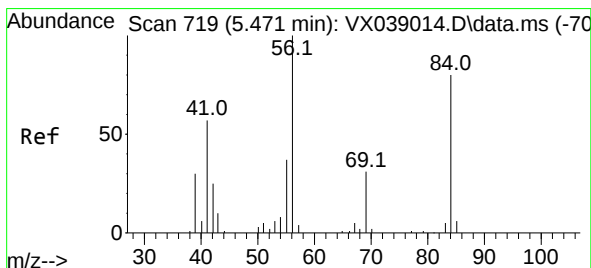
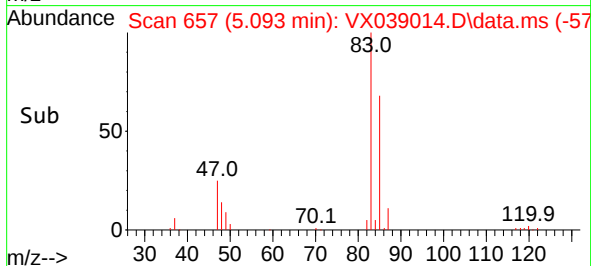
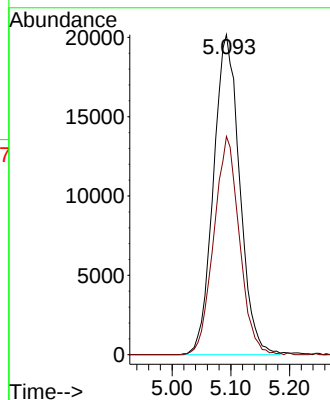
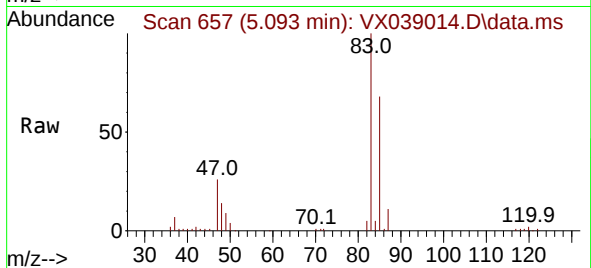
#25
Chloroform
Concen: 19.573 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 62480
Ion Ratio Lower Upper
83 100
85 68.2 54.6 81.8

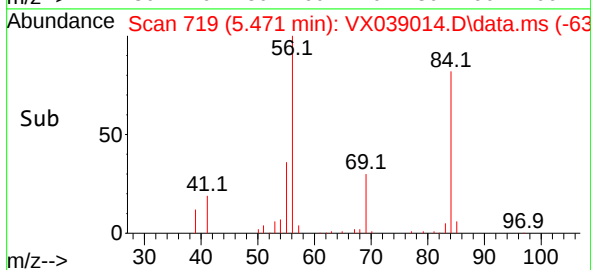
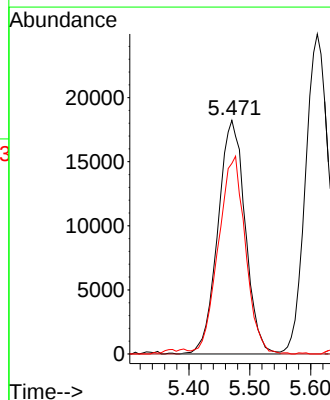
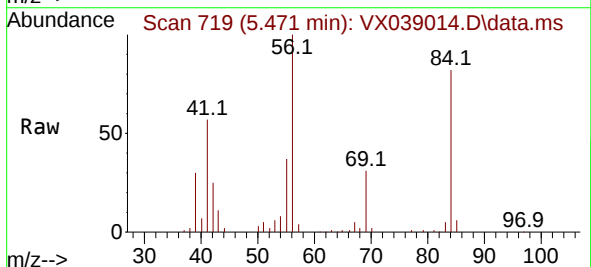
Manual Integrations
APPROVED

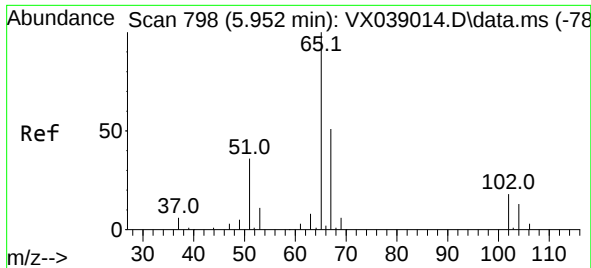
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 19.687 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 56 Resp: 56676
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.0 67.2 100.8





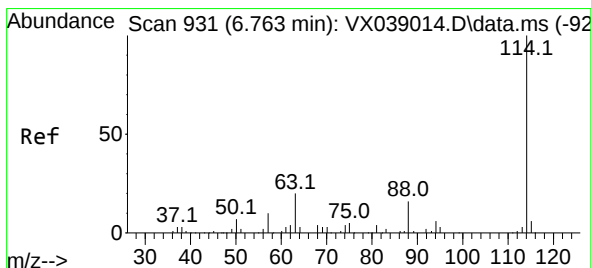
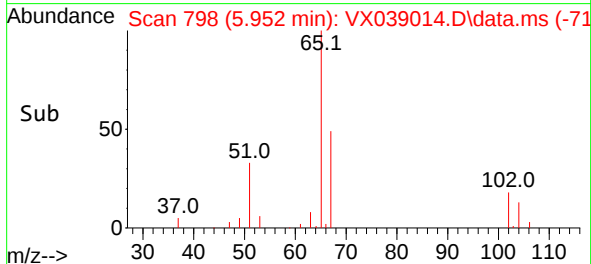
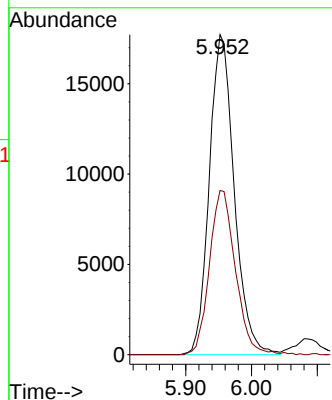
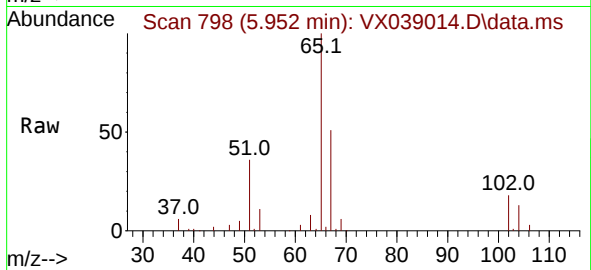
#27
1,2-Dichloroethane-d4
Concen: 30.756 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC020

Tgt Ion: 65 Resp: 4684
Ion Ratio Lower Upper
65 100
67 53.1 42.5 63.7

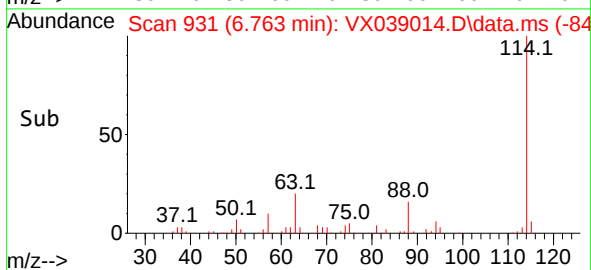
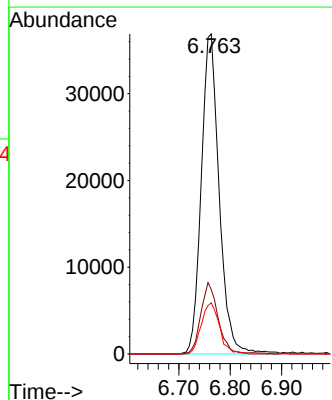
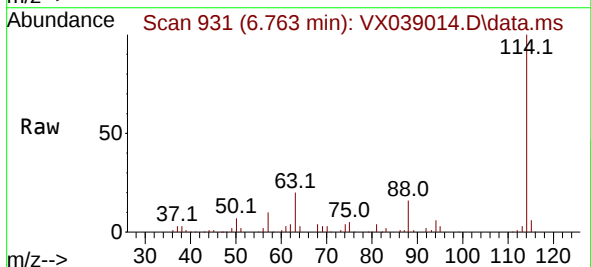
Manual Integrations
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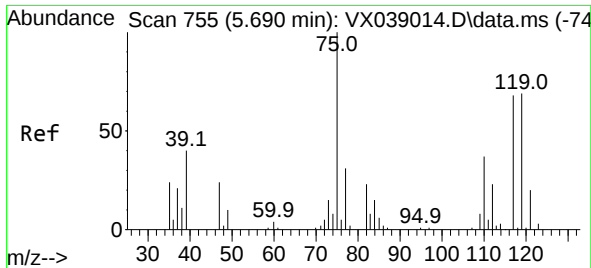
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion:114 Resp: 89264
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 15.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.153 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 47928

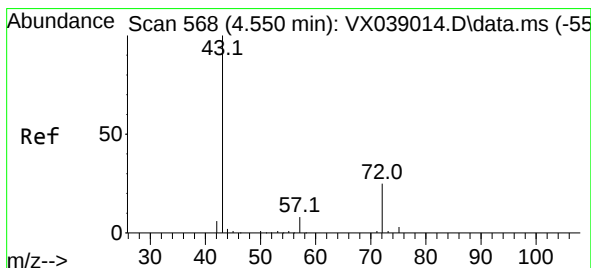
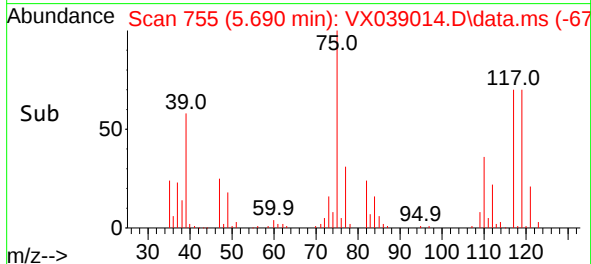
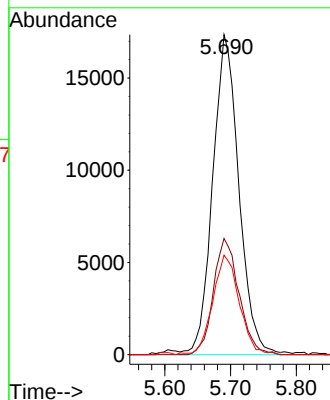
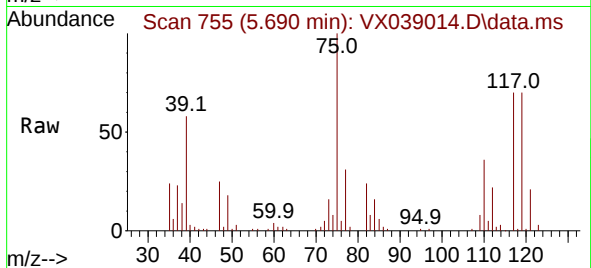
Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	71.2
77	31.3	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#30

2-Butanone

Concen: 99.377 ug/l

RT: 4.550 min Scan# 568

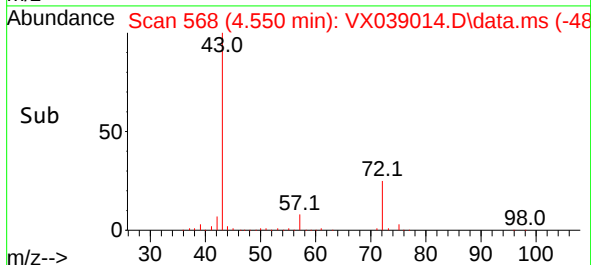
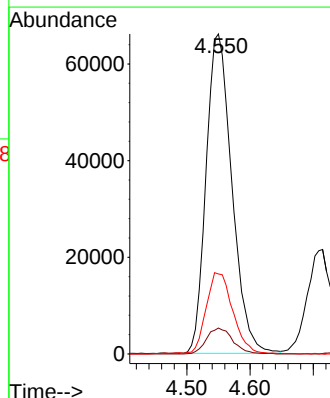
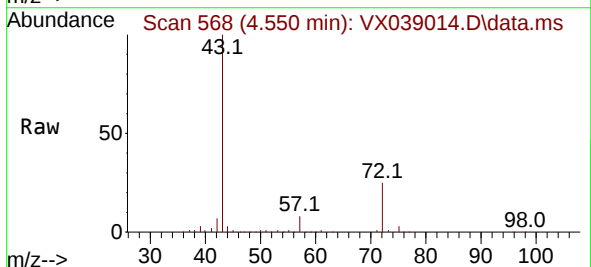
Delta R.T. 0.000 min

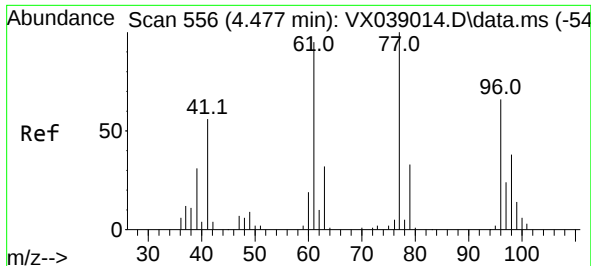
Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion: 43 Resp: 187226

Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	25.8	20.6	31.0





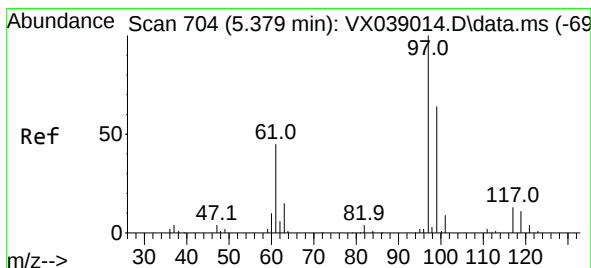
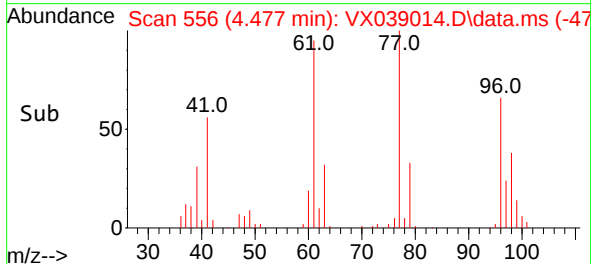
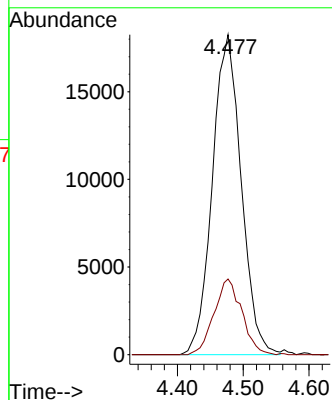
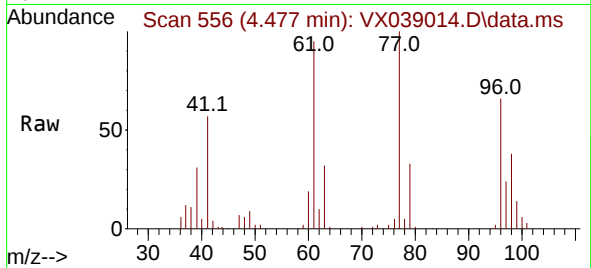
#31
2,2-Dichloropropane
Concen: 19.476 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 5572
Ion Ratio Lower Upper
77 100
97 22.8 18.2 27.4

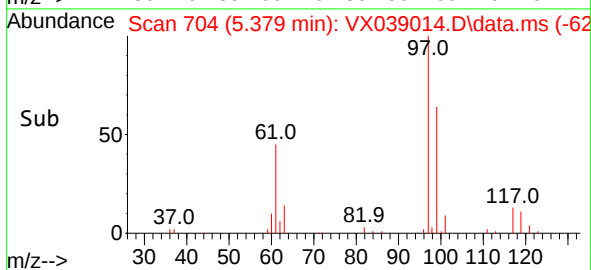
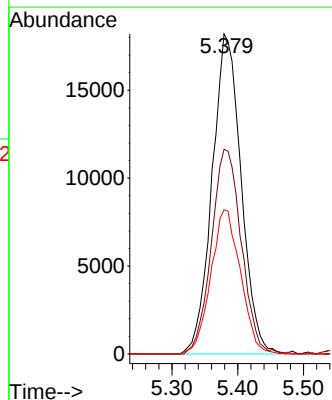
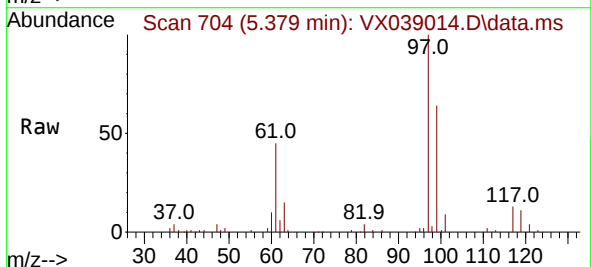
Manual Integrations
APPROVED

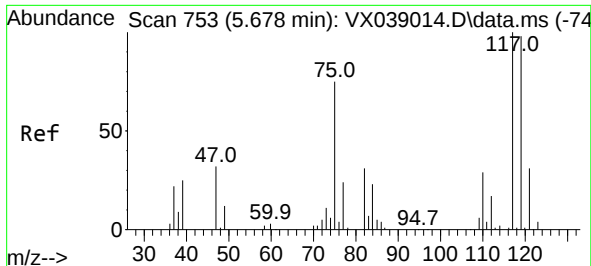
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 19.327 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

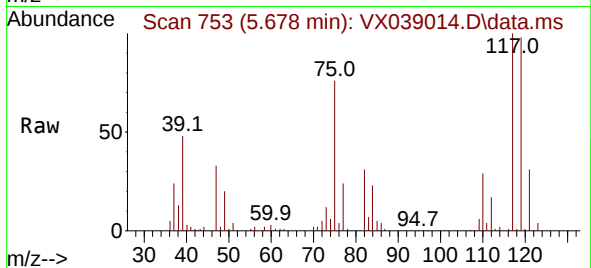
Tgt Ion: 97 Resp: 55899
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 46.1 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.374 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

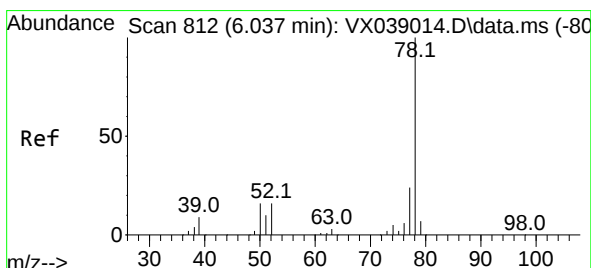
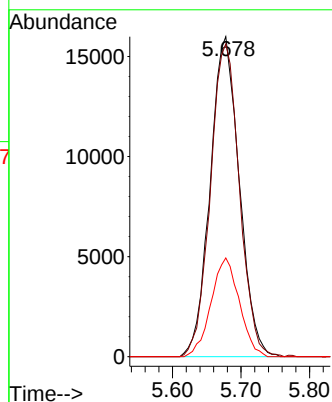
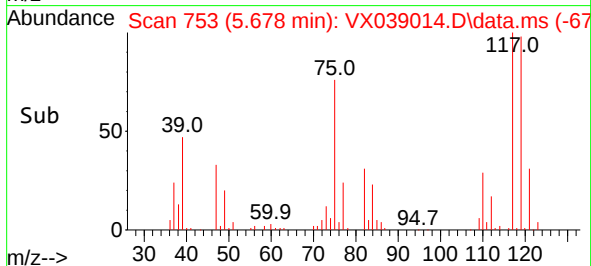
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



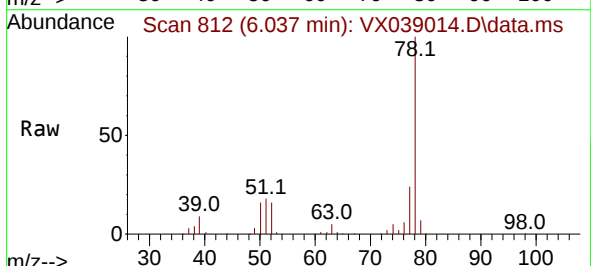
Tgt Ion:117 Resp: 47199
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 30.9 24.7 37.1

Manual Integrations
APPROVED

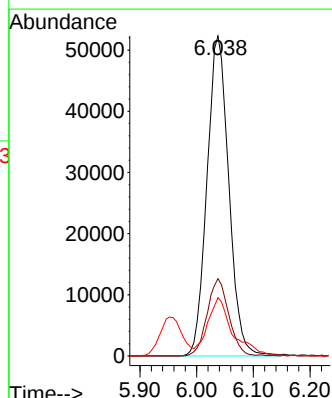
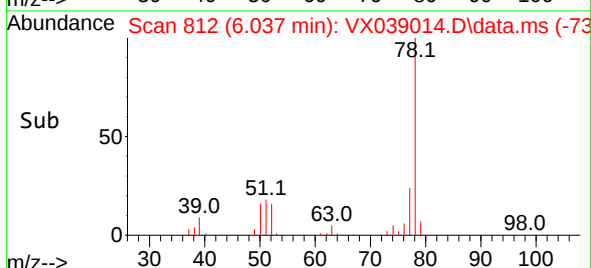
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

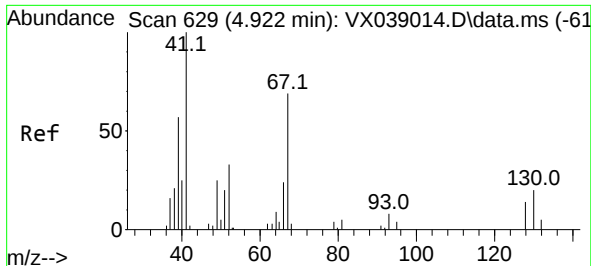


#34
Benzene
Concen: 19.196 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



Tgt Ion: 78 Resp: 139927
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 18.0 14.4 21.6





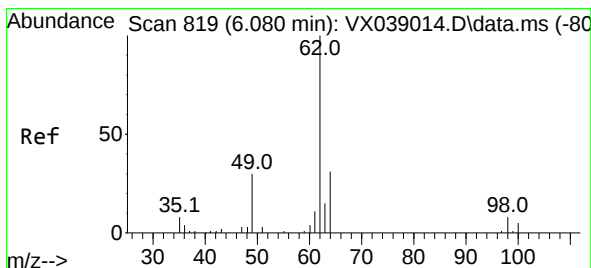
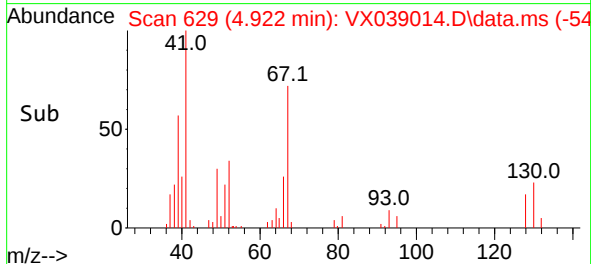
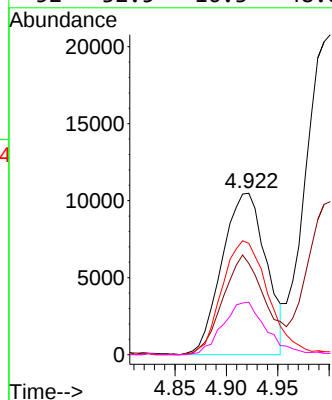
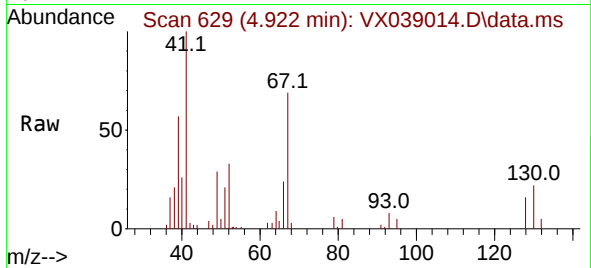
#35
Methacrylonitrile
Concen: 18.779 ug/l
RT: 4.922 min Scan# 613
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 31339
Ion Ratio Lower Upper
41 100
39 56.5 28.2 84.7
67 69.0 34.5 103.5
52 32.5 16.3 48.8

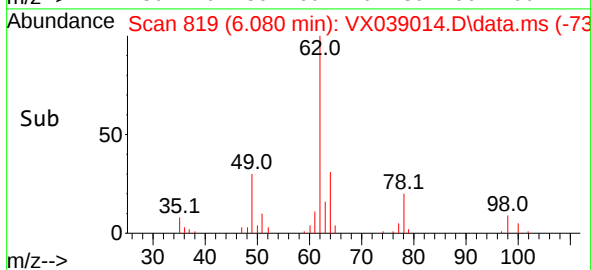
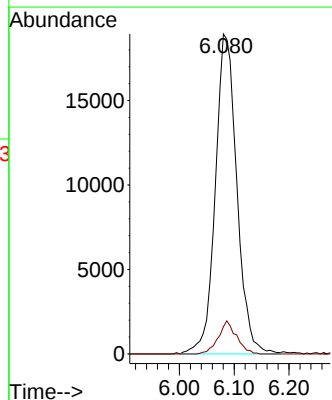
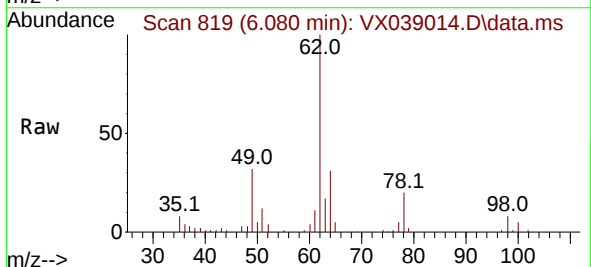
Manual Integrations
APPROVED

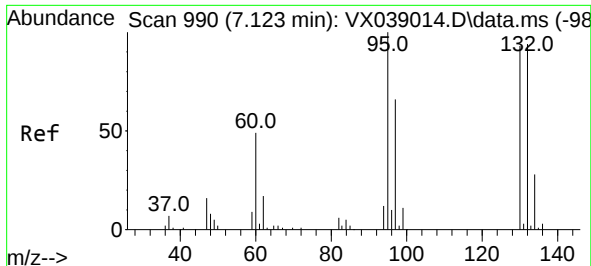
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 19.352 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 62 Resp: 51760
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#37

Trichloroethene

Concen: 19.362 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 3582

Ion Ratio Lower Upper

130 100

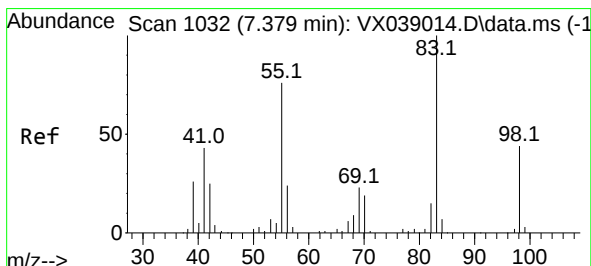
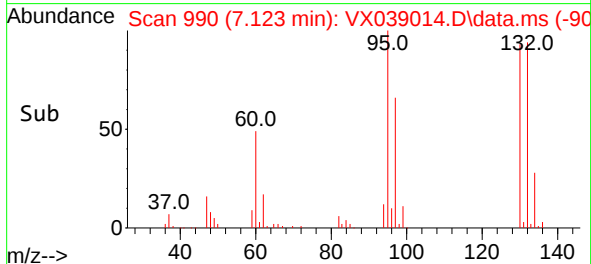
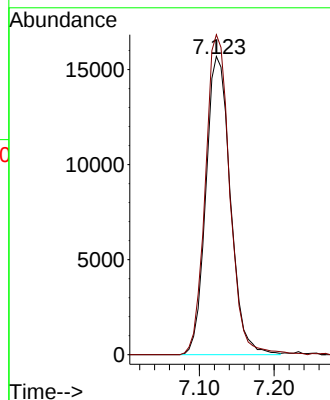
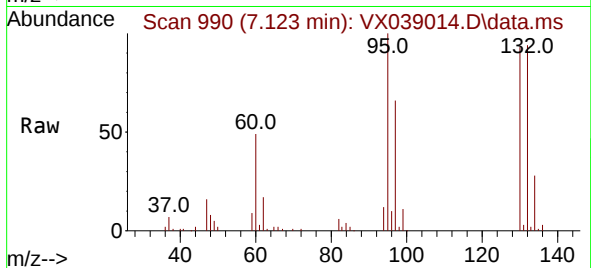
95 107.3 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 19.478 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

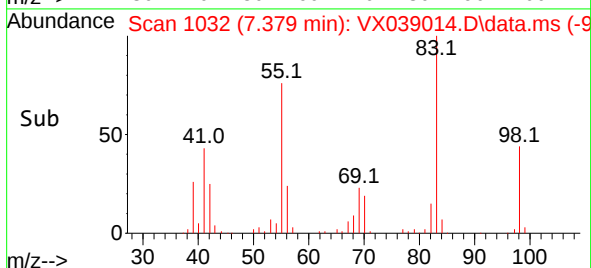
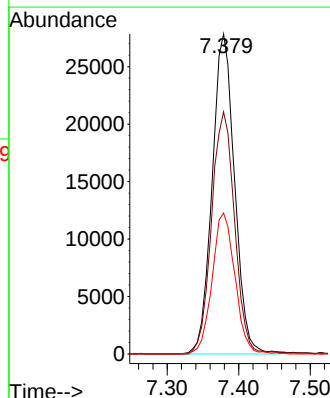
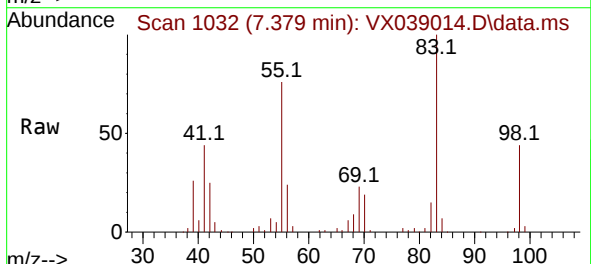
Tgt Ion: 83 Resp: 60729

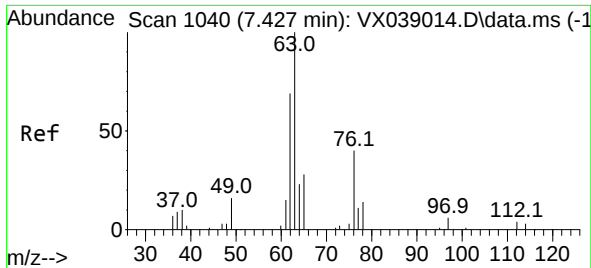
Ion Ratio Lower Upper

83 100

55 77.3 38.6 116.0

98 44.5 22.3 66.8





#39

1,2-Dichloropropane

Concen: 18.754 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 36054

Ion Ratio Lower Upper

63 100

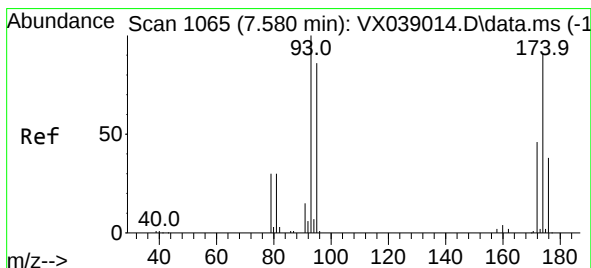
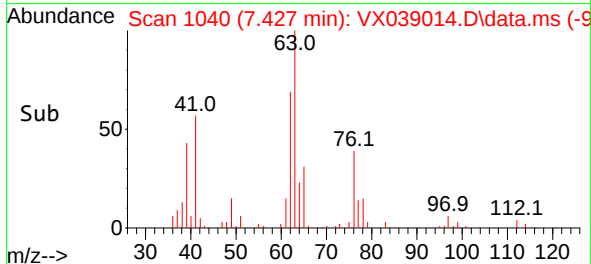
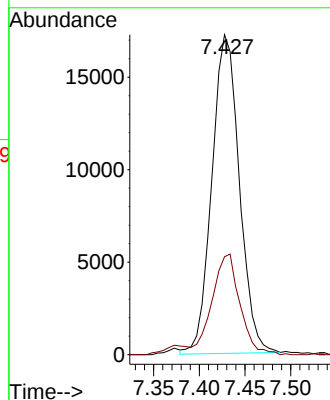
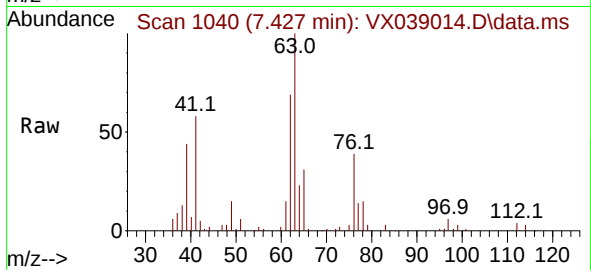
65 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 19.154 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

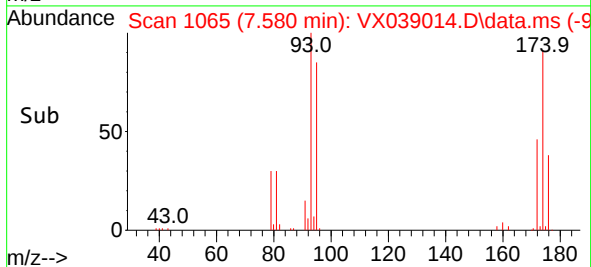
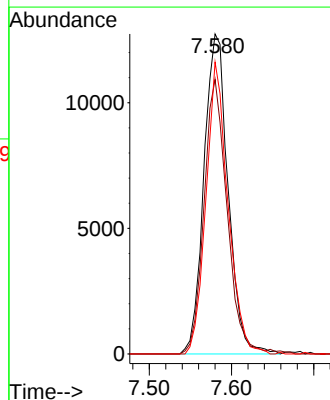
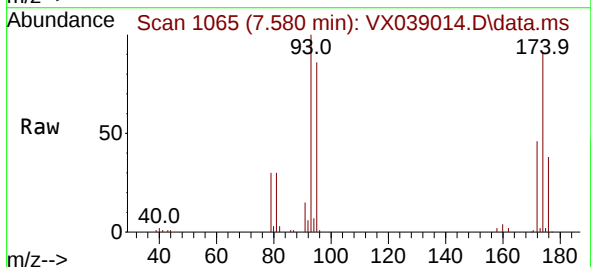
Tgt Ion: 93 Resp: 26017

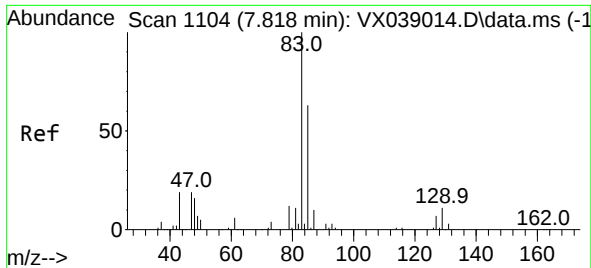
Ion Ratio Lower Upper

93 100

95 81.7 0.0 163.4

174 83.2 0.0 166.4





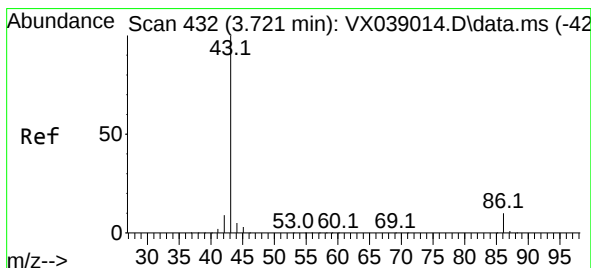
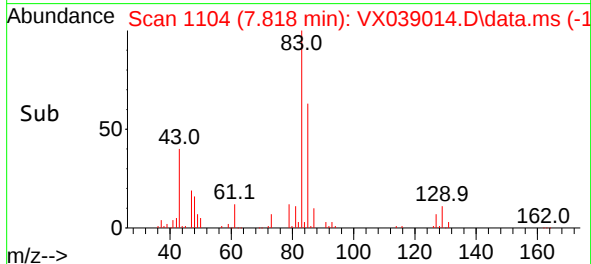
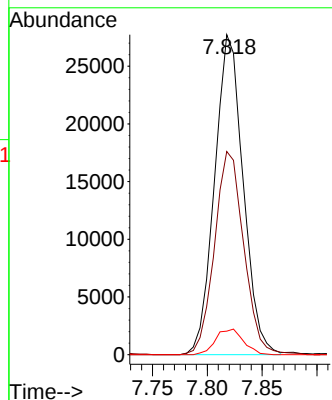
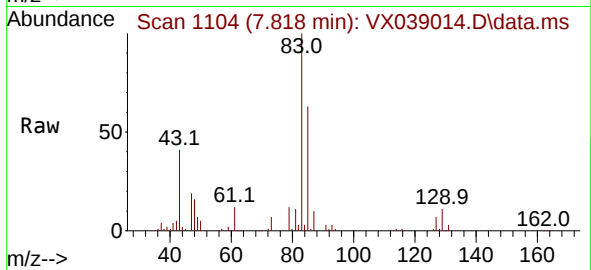
#41
Bromodichloromethane
Concen: 19.272 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 50289
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 7.4 5.9 8.9

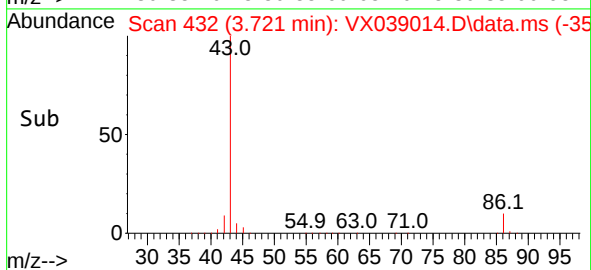
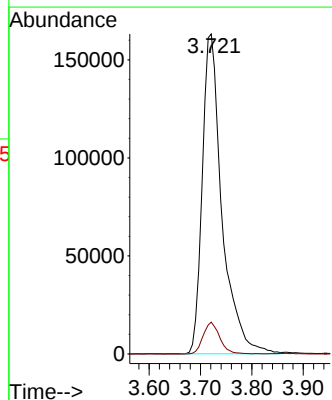
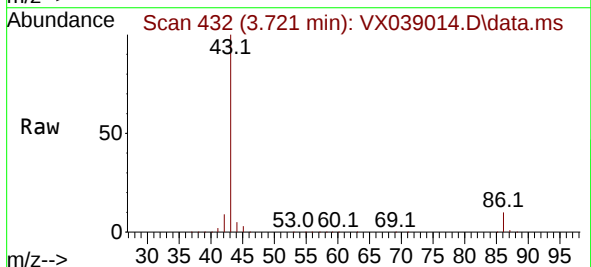
Manual Integrations
APPROVED

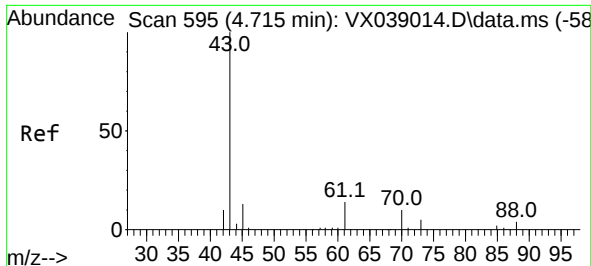
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 97.064 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 43 Resp: 435554
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





#43

Ethyl Acetate

Concen: 19.344 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 62700

Ion Ratio Lower Upper

43 100

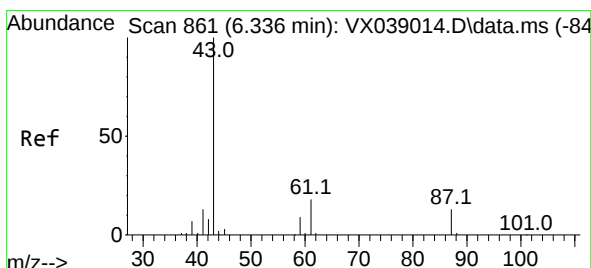
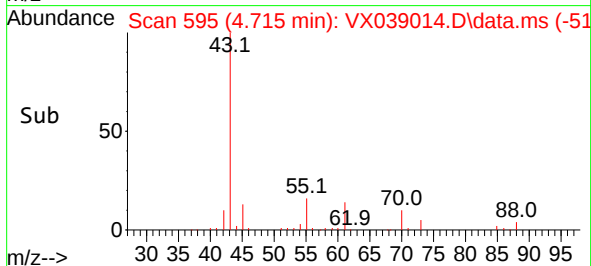
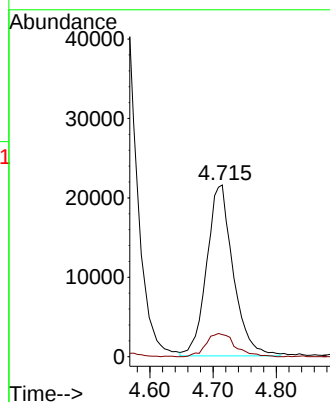
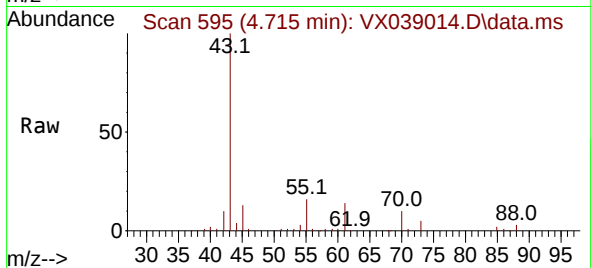
45 14.8 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#44

Isopropyl Acetate

Concen: 18.916 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039014.D

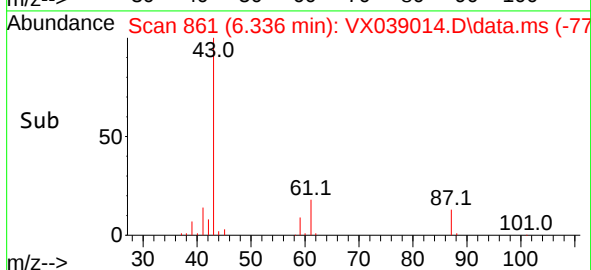
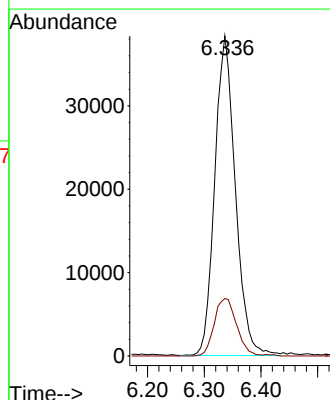
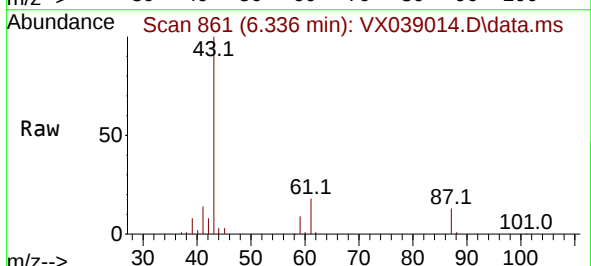
Acq: 24 Nov 2023 09:45

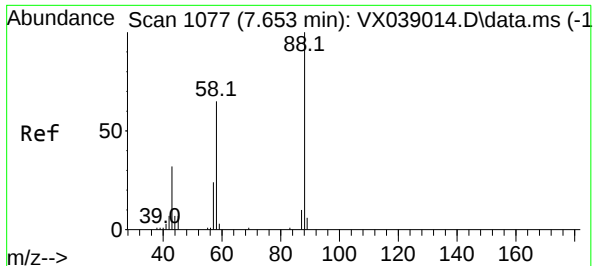
Tgt Ion: 43 Resp: 96654

Ion Ratio Lower Upper

43 100

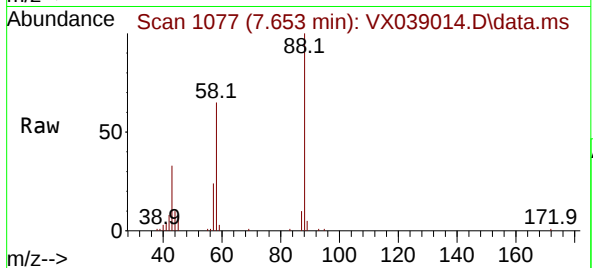
61 19.5 15.6 23.4





#45
1,4-Dioxane
Concen: 365.847 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

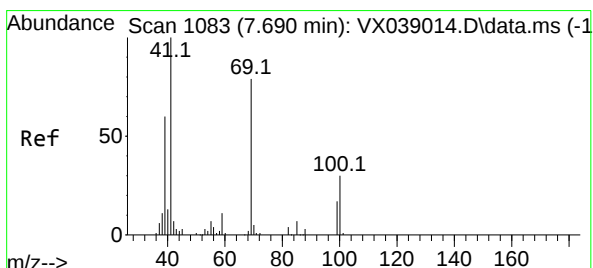
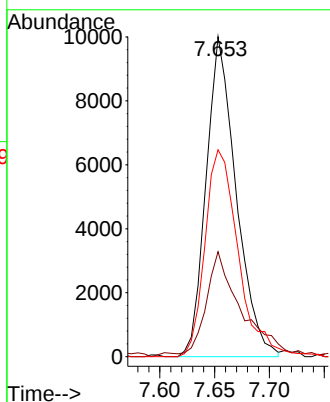
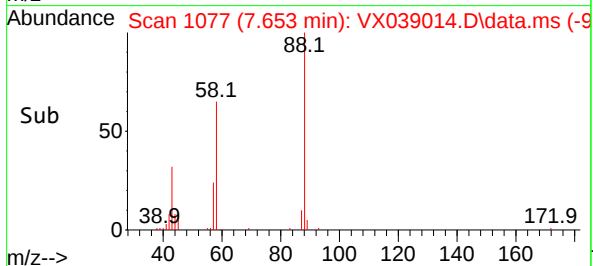
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 1908
Ion Ratio Lower Upper
88 100
43 35.1 28.1 42.1
58 72.1 57.7 86.5

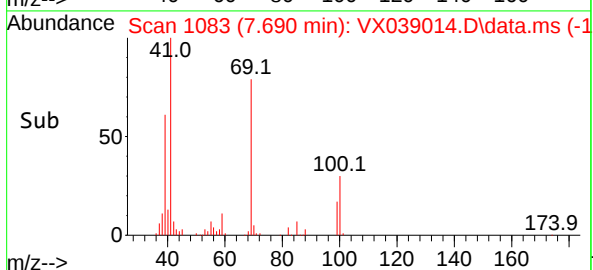
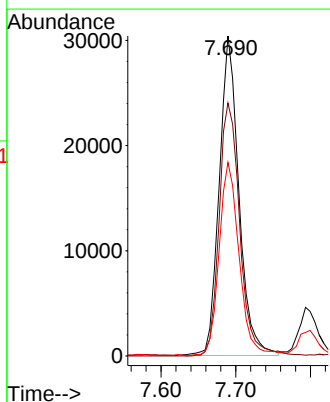
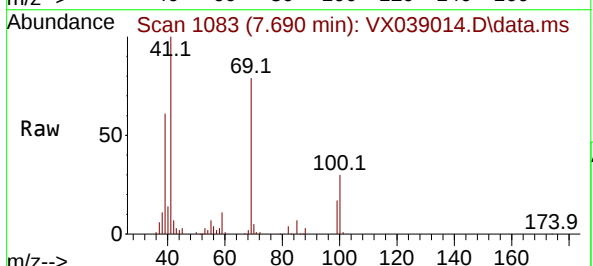
Manual Integrations
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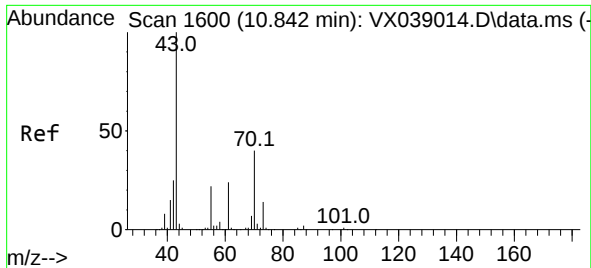
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 19.033 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

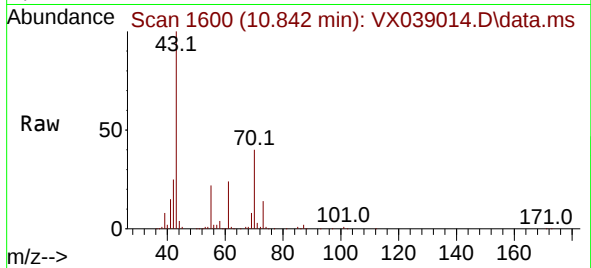
Tgt Ion: 41 Resp: 55602
Ion Ratio Lower Upper
41 100
69 79.2 39.6 118.8
39 60.2 30.1 90.3





#47
n-amy1 Acetate
Concen: 18.323 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

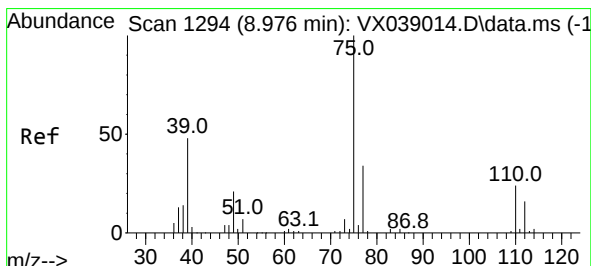
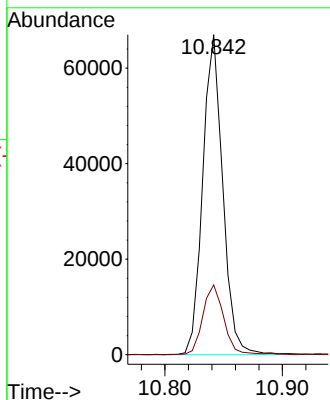
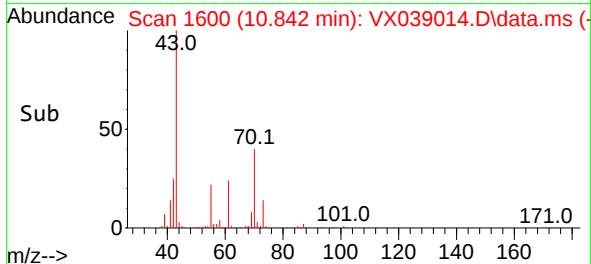
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
55 22.7 18.2 27.2

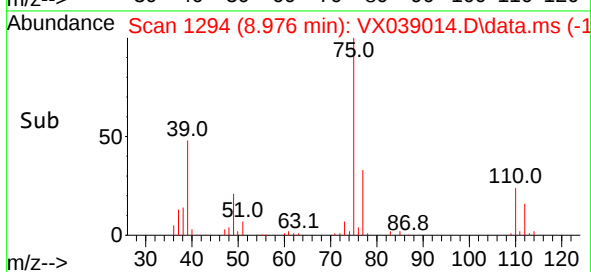
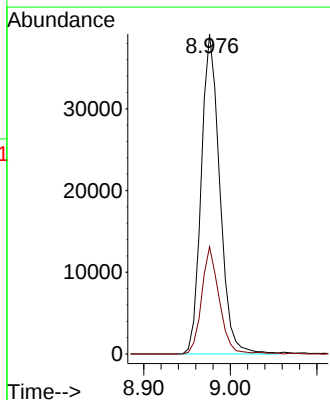
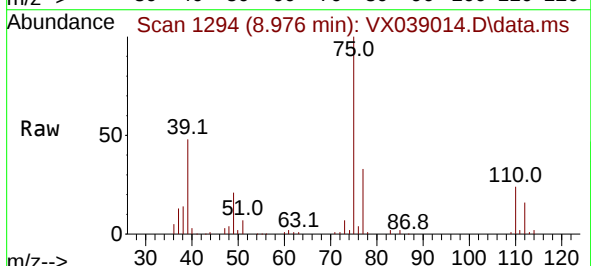
Manual Integrations
APPROVED

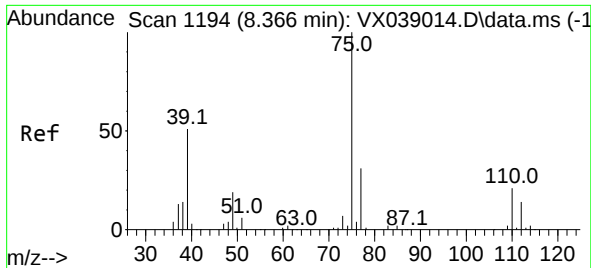
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.191 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 75 Resp: 58067
Ion Ratio Lower Upper
75 100
77 33.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.227 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 6001

Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6

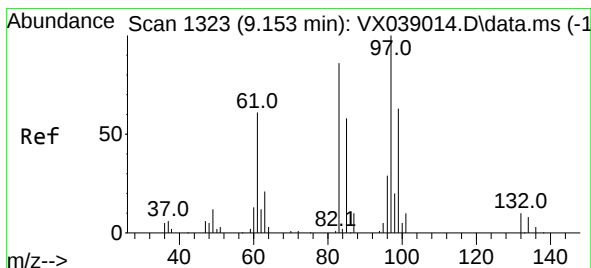
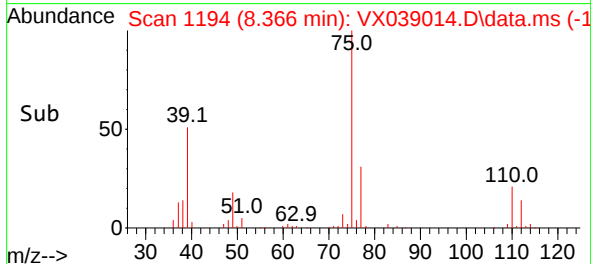
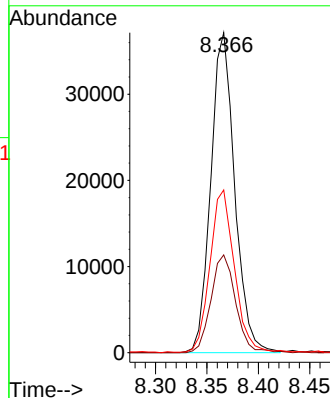
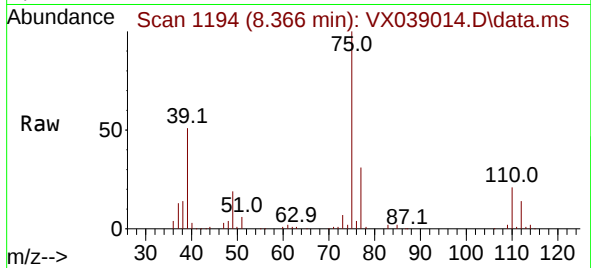
39 50.7 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 19.271 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion: 97 Resp: 35558

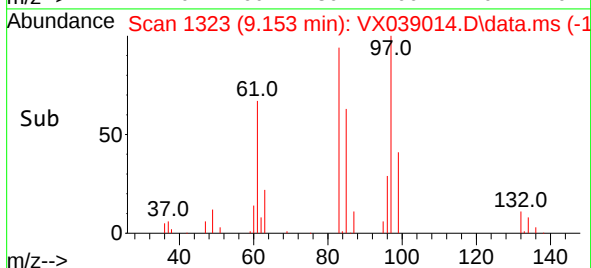
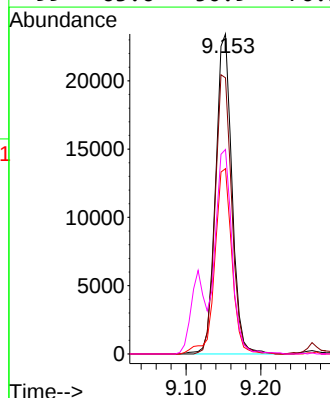
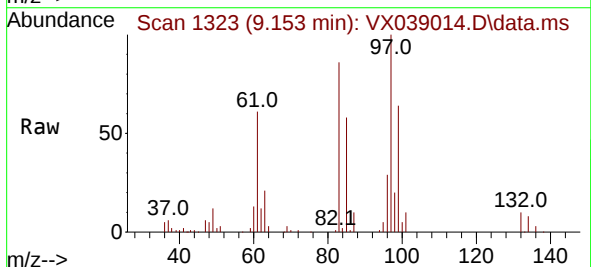
Ion Ratio Lower Upper

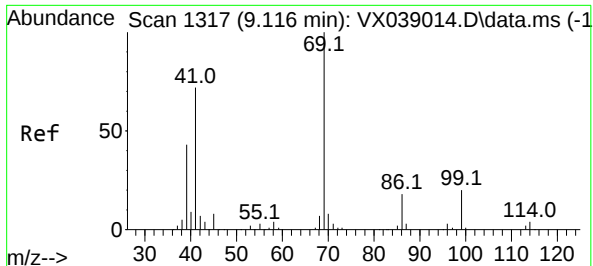
97 100

83 86.3 69.0 103.6

85 57.9 46.3 69.5

99 63.6 50.9 76.3





#51

Ethyl methacrylate

Concen: 18.517 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 69 Resp: 42770

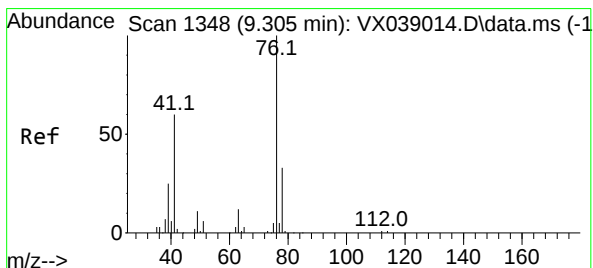
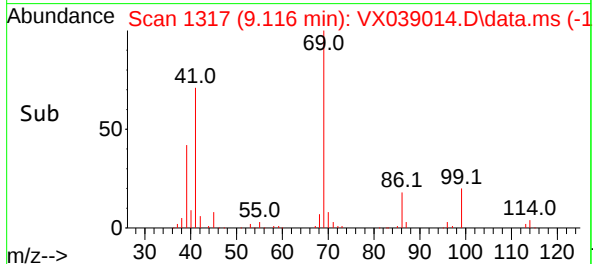
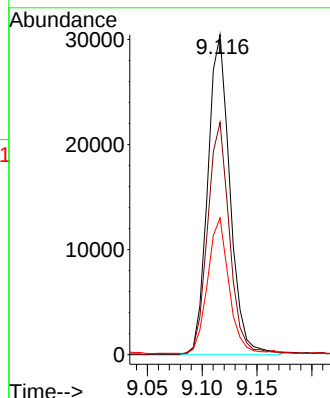
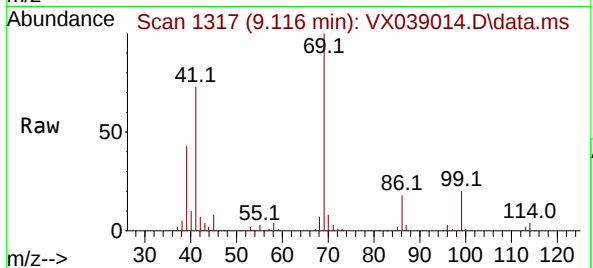
Ion	Ratio	Lower	Upper
69	100		
41	72.4	36.2	108.6
39	42.3	21.1	63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#52

1,3-Dichloropropane

Concen: 19.306 ug/l

RT: 9.305 min Scan# 1348

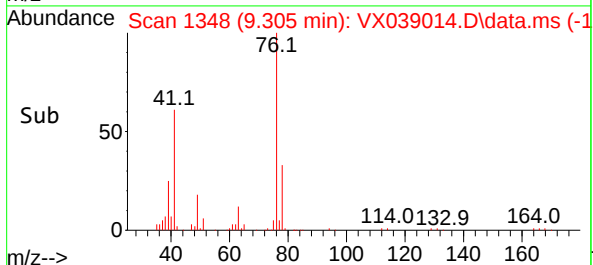
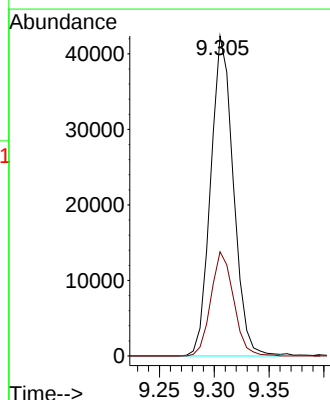
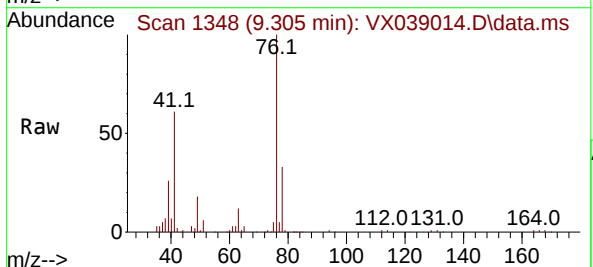
Delta R.T. 0.000 min

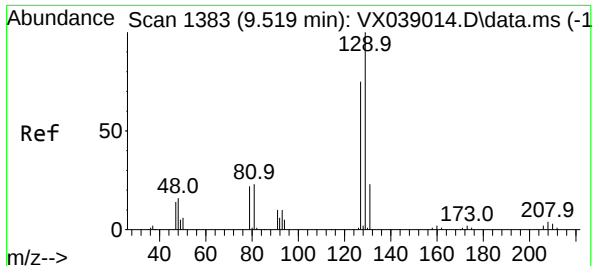
Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion: 76 Resp: 61084

Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.0





#53

Dibromochloromethane

Concen: 19.387 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 38418

Ion Ratio Lower Upper

129 100

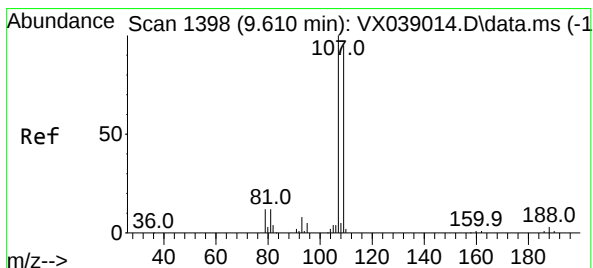
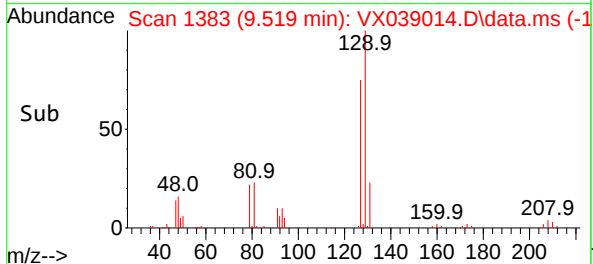
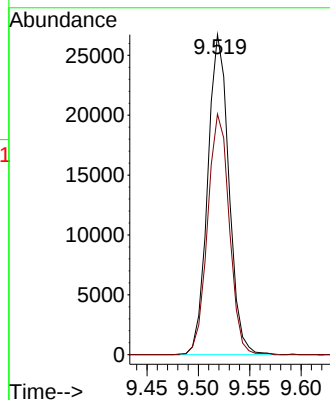
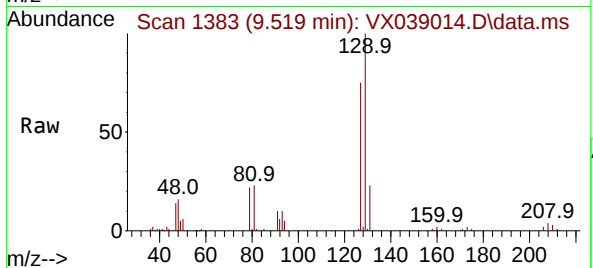
127 76.6 38.3 114.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#54

1,2-Dibromoethane

Concen: 18.957 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039014.D

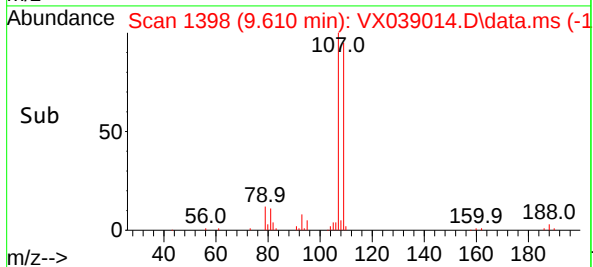
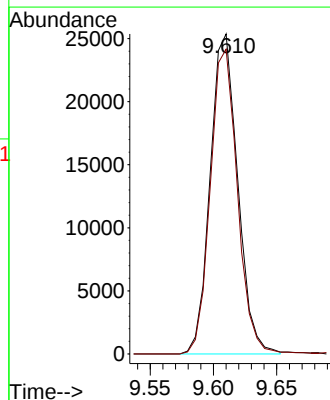
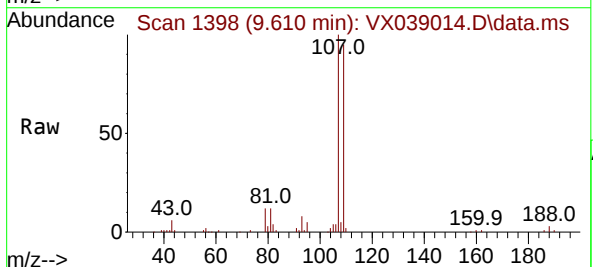
Acq: 24 Nov 2023 09:45

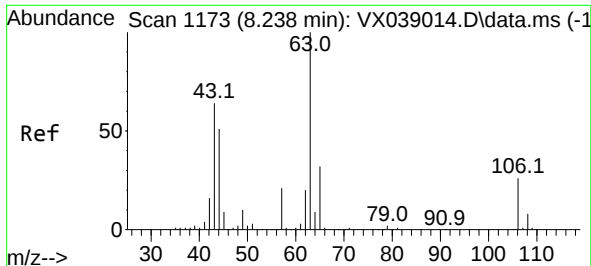
Tgt Ion:107 Resp: 38359

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7





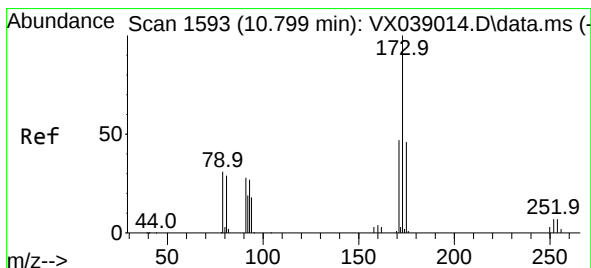
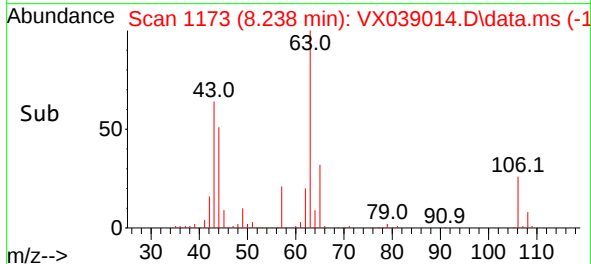
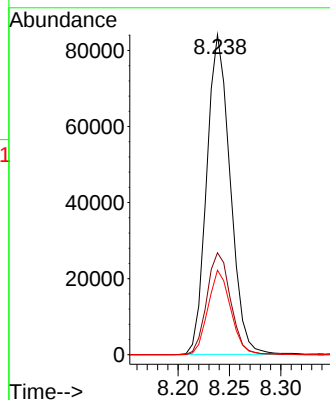
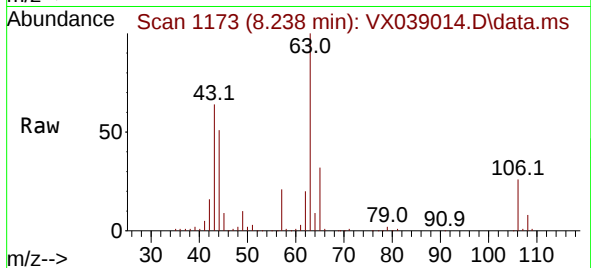
#55
2-Chloroethyl vinyl ether
Concen: 91.332 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 13363
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 25.8 20.6 31.0

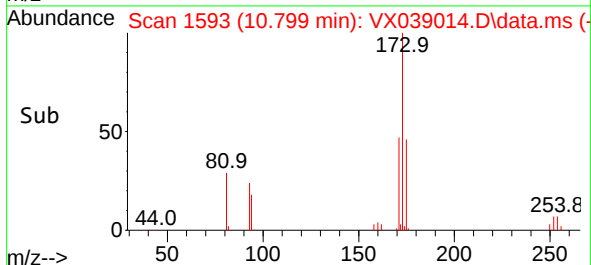
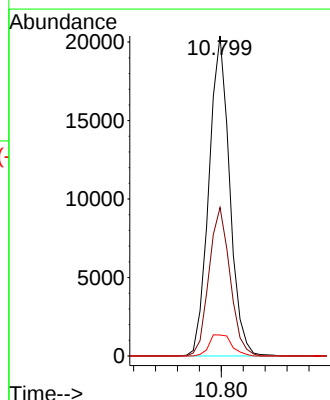
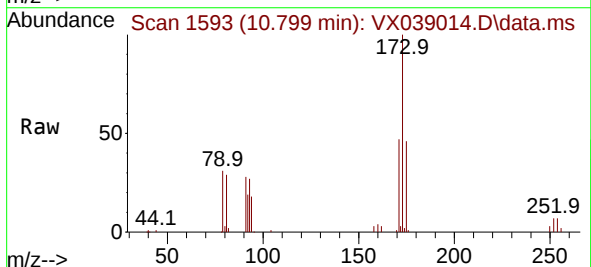
Manual Integrations
APPROVED

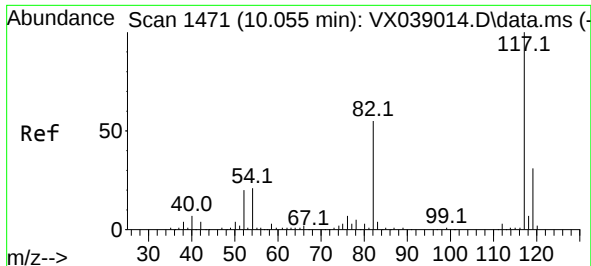
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 18.722 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

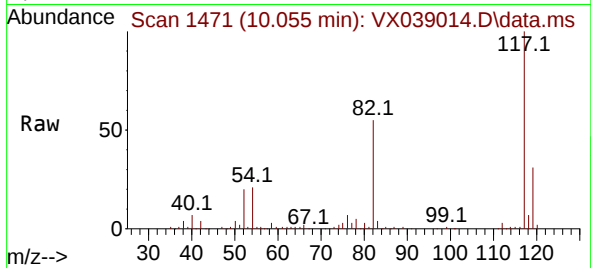
Tgt Ion:173 Resp: 26776
Ion Ratio Lower Upper
173 100
175 47.0 37.6 56.4
254 7.3 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

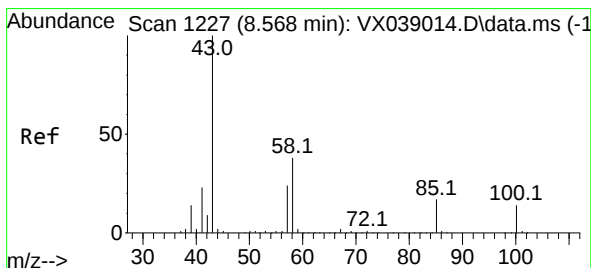
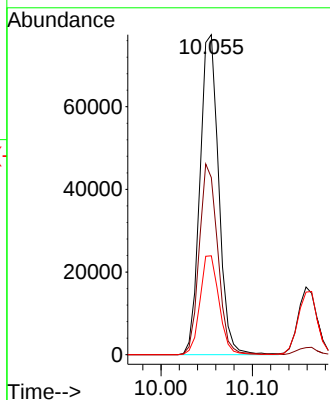
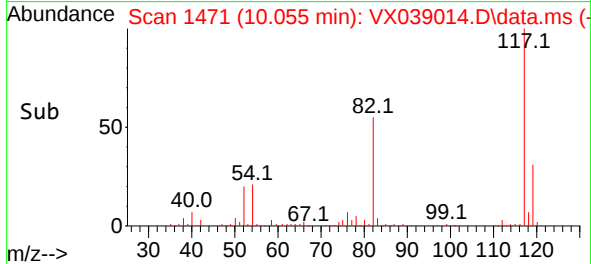
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 11020
Ion Ratio Lower Upper
117 100
82 58.8 47.0 70.6
119 31.5 25.2 37.8

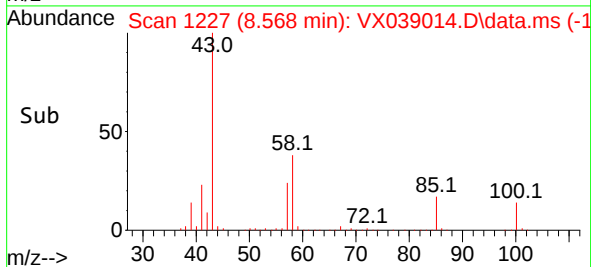
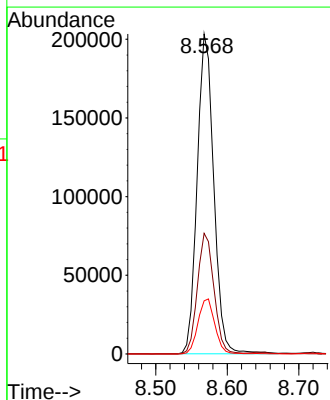
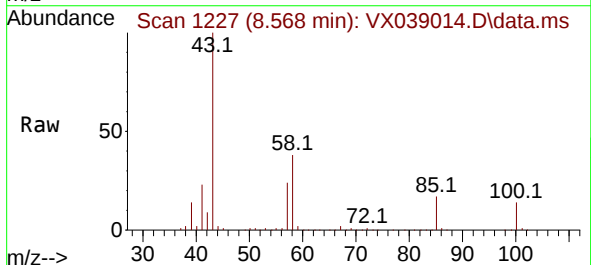
Manual Integrations
APPROVED

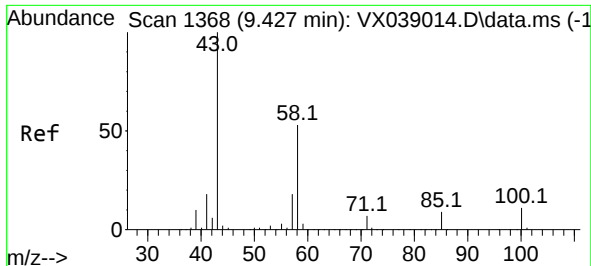
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 98.149 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 43 Resp: 328013
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1
85 17.4 13.9 20.9





#59

2-Hexanone

Concen: 98.285 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 269619

Ion Ratio Lower Upper

43 100

58 53.4 42.7 64.1

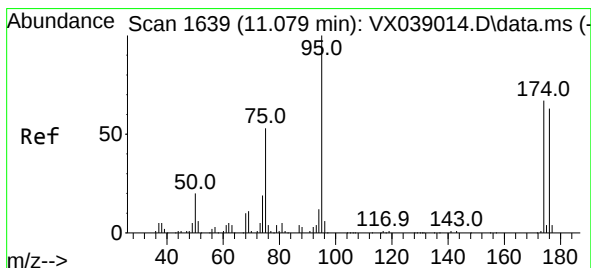
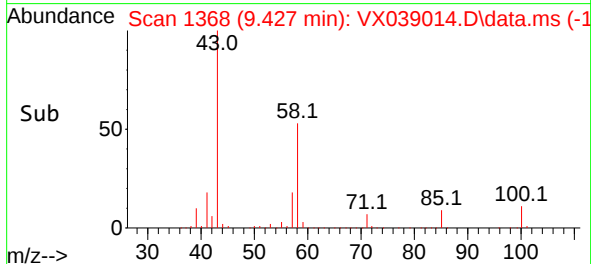
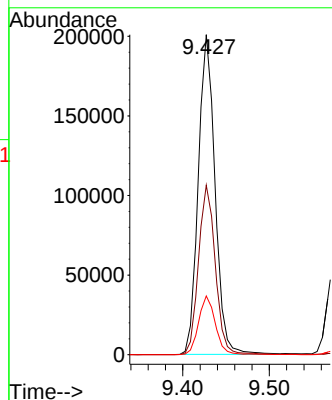
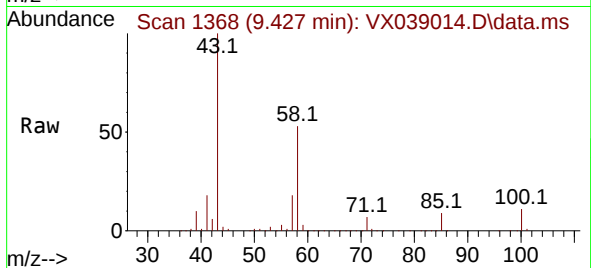
57 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#60

4-Bromofluorobenzene

Concen: 29.314 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

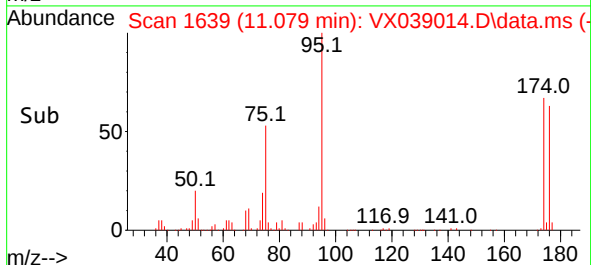
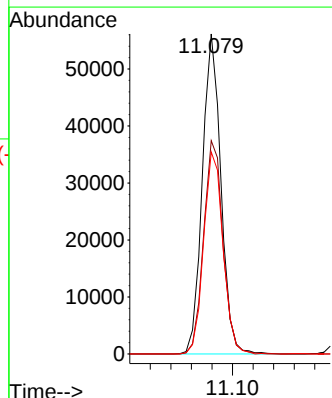
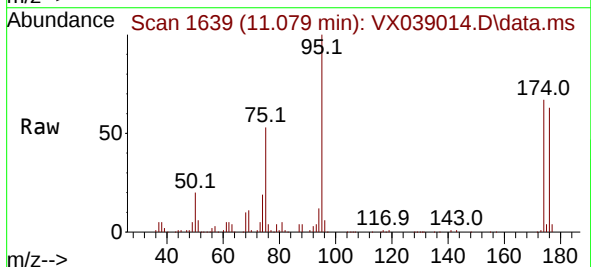
Tgt Ion: 95 Resp: 70562

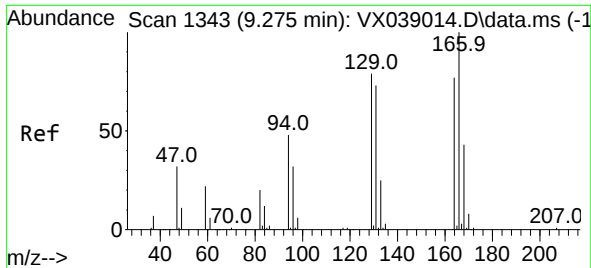
Ion Ratio Lower Upper

95 100

174 69.3 55.4 83.2

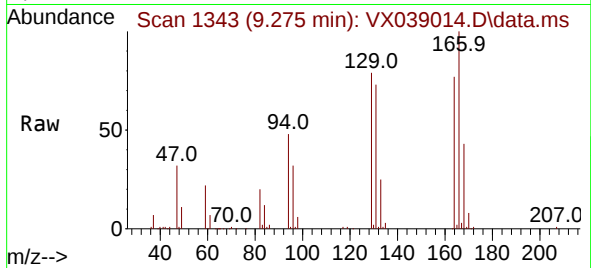
176 65.7 52.6 78.8





#61
Tetrachloroethene
Concen: 19.928 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

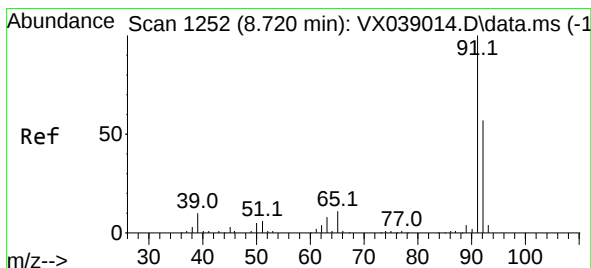
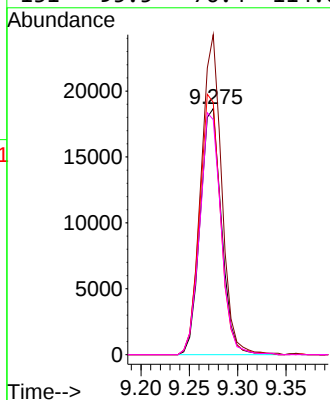
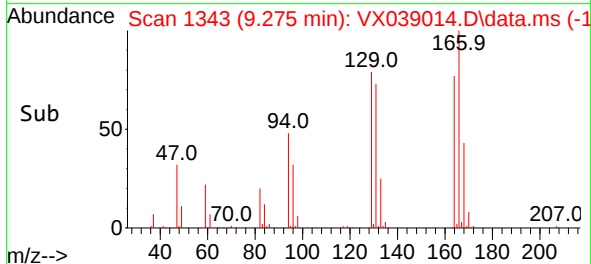
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 28554
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 102.5 82.0 123.0
131 95.5 76.4 114.6

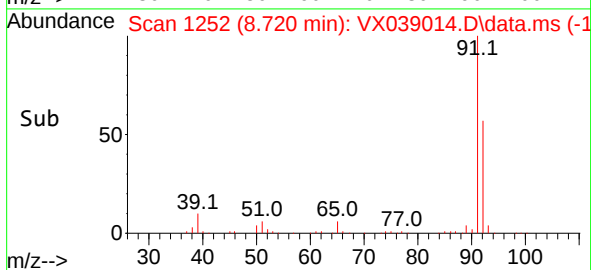
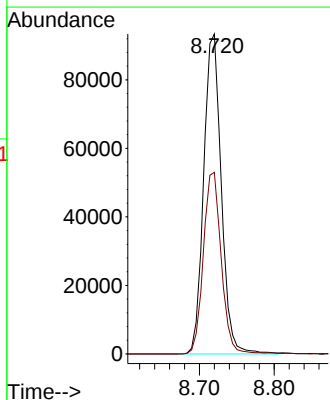
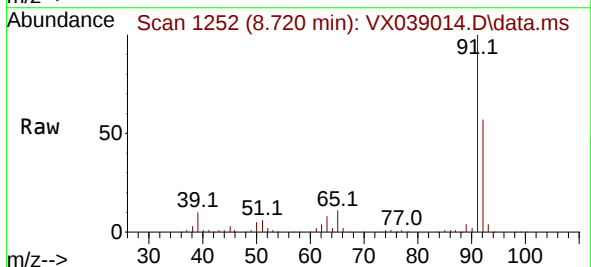
Manual Integrations
APPROVED

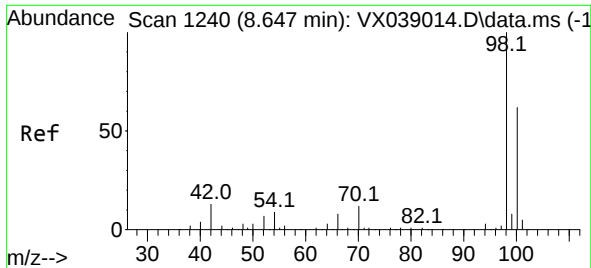
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 19.514 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

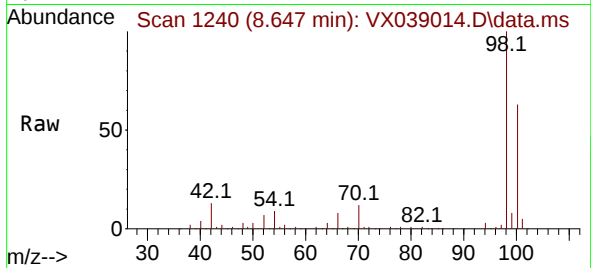
Tgt Ion: 91 Resp: 152684
Ion Ratio Lower Upper
91 100
92 57.4 45.9 68.9





#63
Toluene-d8
Concen: 29.670 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

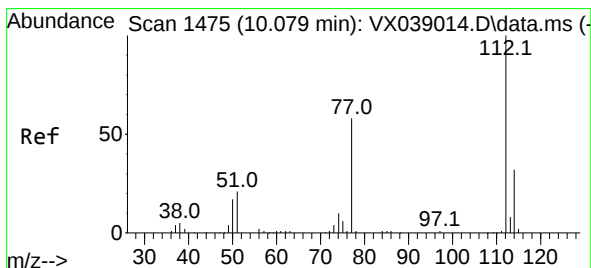
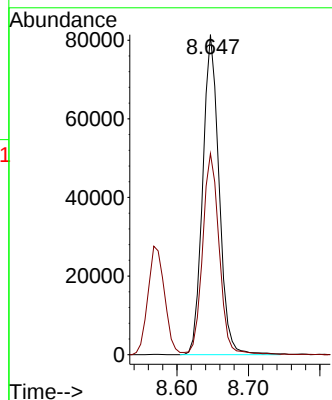
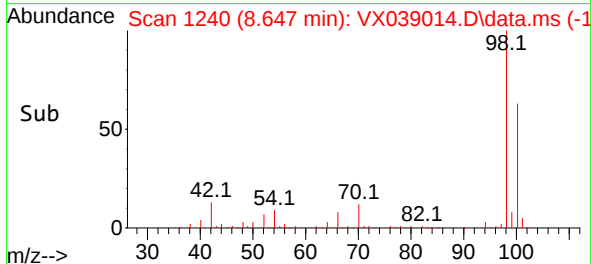
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



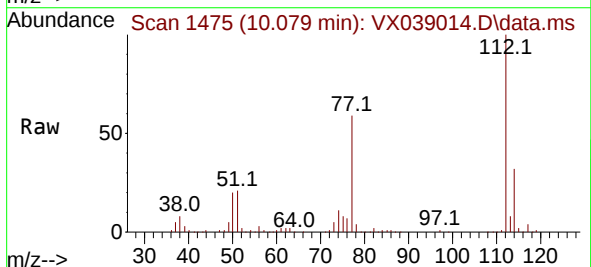
Tgt Ion: 98 Resp: 12927
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

Manual Integrations
APPROVED

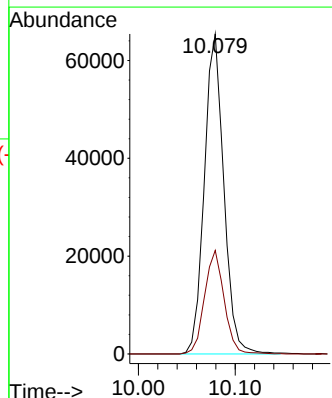
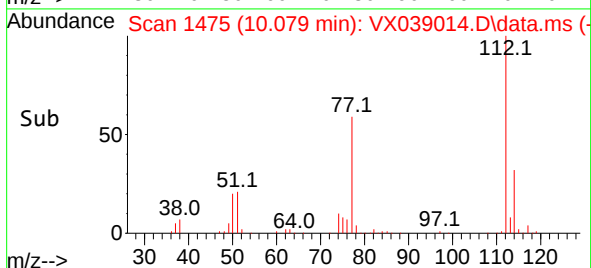
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

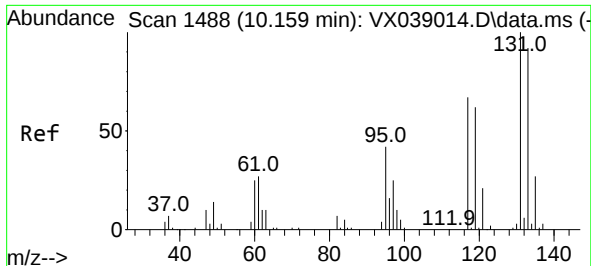


#64
Chlorobenzene
Concen: 19.305 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



Tgt Ion:112 Resp: 91881
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9





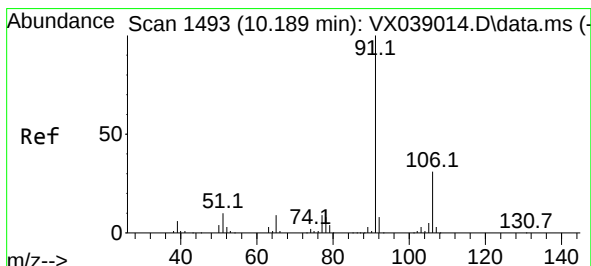
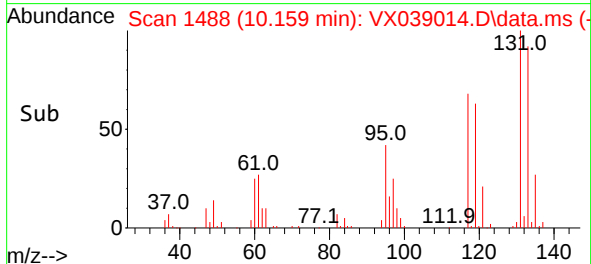
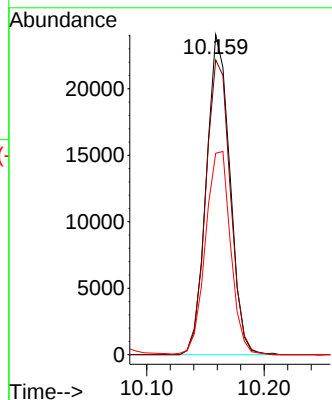
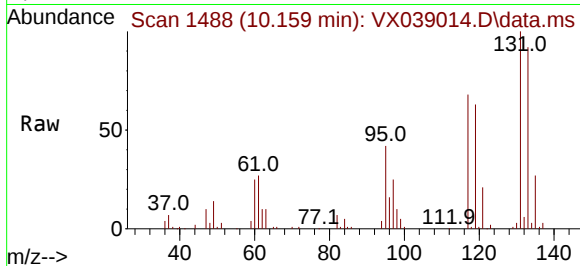
#65
1,1,1,2-Tetrachloroethane
Concen: 19.555 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 33518
Ion Ratio Lower Upper
131 100
133 95.9 0.0 191.8
119 67.7 0.0 135.4

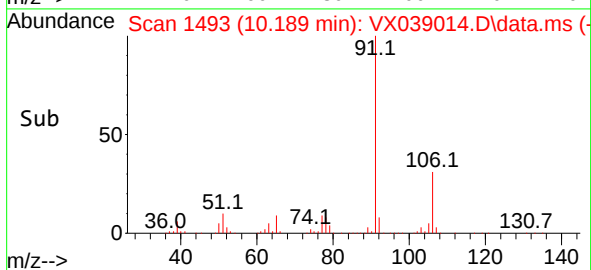
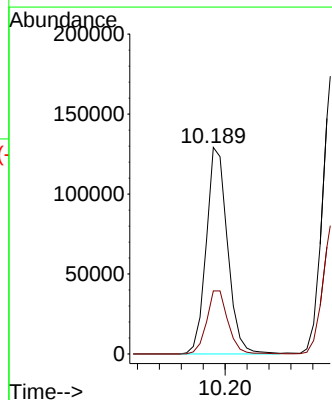
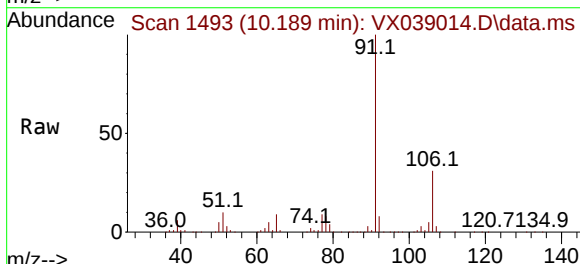
Manual Integrations
APPROVED

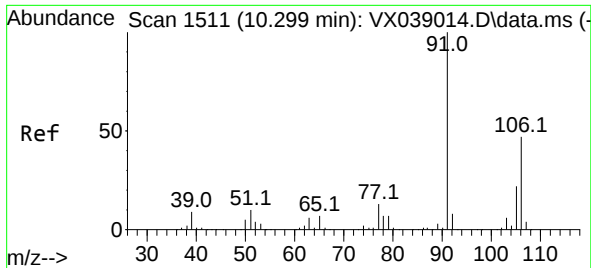
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 19.510 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 91 Resp: 173825
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





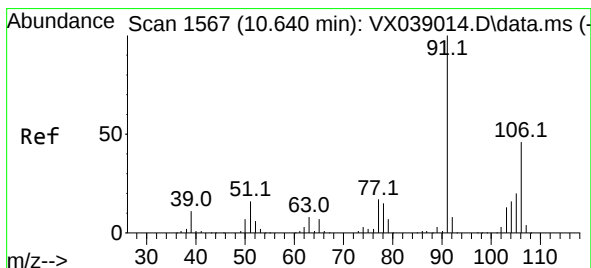
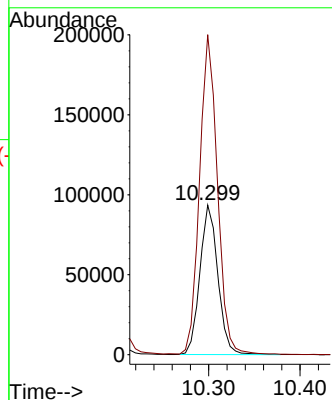
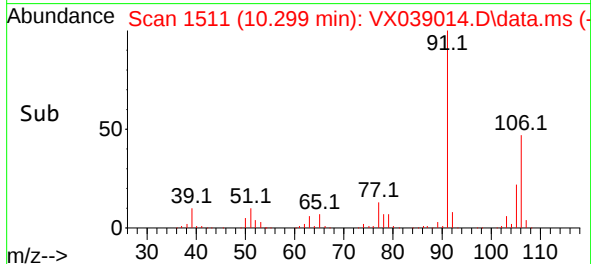
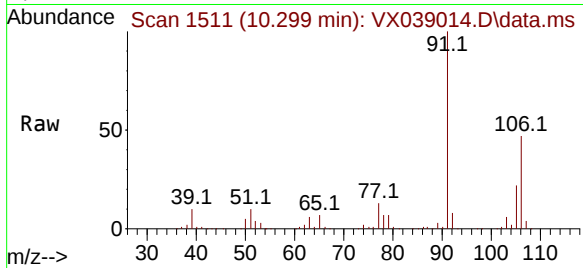
#67
m/p-Xylenes
Concen: 38.733 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 127519
Ion Ratio Lower Upper
106 100
91 211.7 169.4 254.0

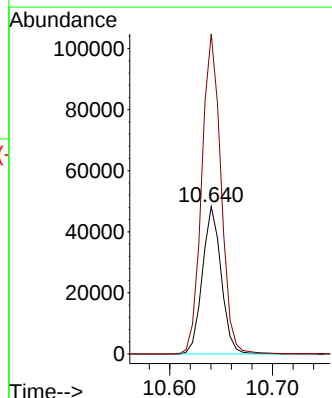
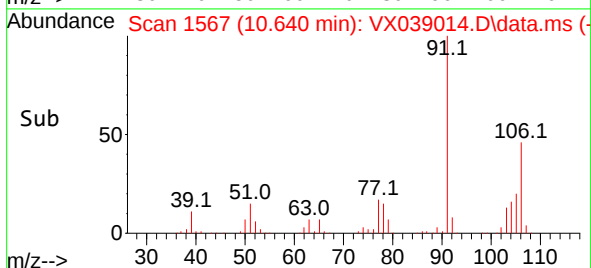
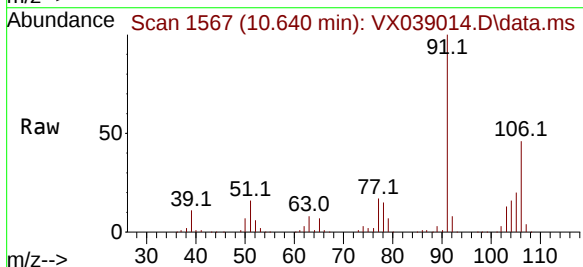
Manual Integrations
APPROVED

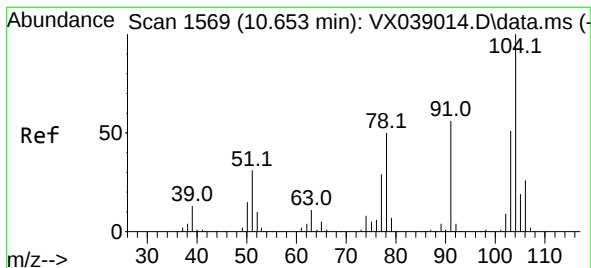
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 19.243 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion:106 Resp: 61368
Ion Ratio Lower Upper
106 100
91 222.4 111.2 333.6





#69

Styrene

Concen: 19.190 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

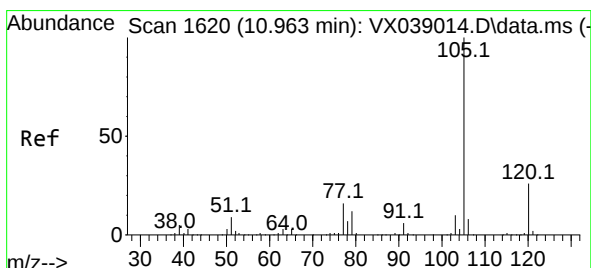
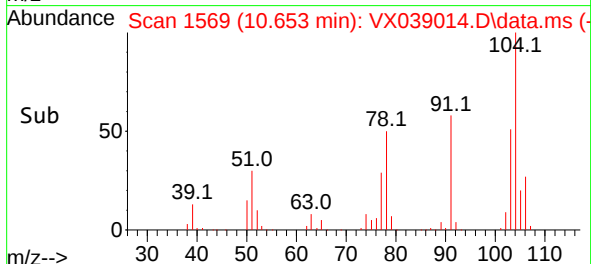
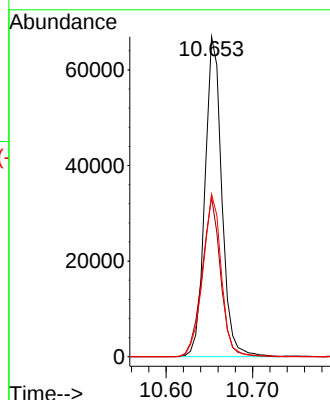
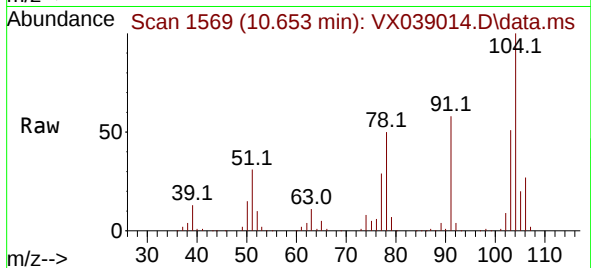
Tgt Ion:104	Resp:	90572
Ion Ratio	Lower	Upper
104	100	
78	54.6	43.7 65.5
103	55.8	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 19.503 ug/l

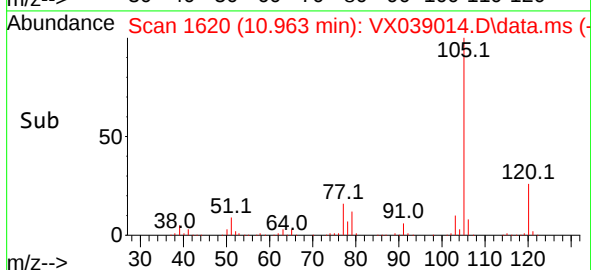
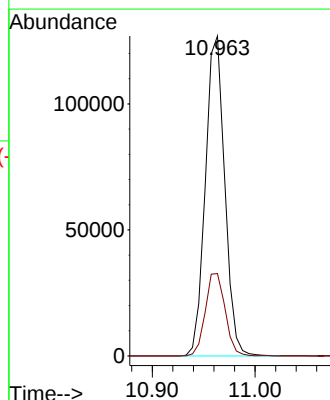
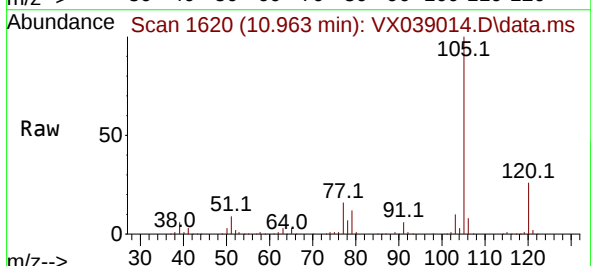
RT: 10.963 min Scan# 1620

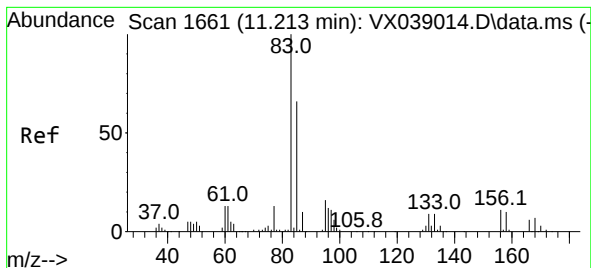
Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion:105	Resp:	166409
Ion Ratio	Lower	Upper
105	100	
120	26.4	18.5 34.3





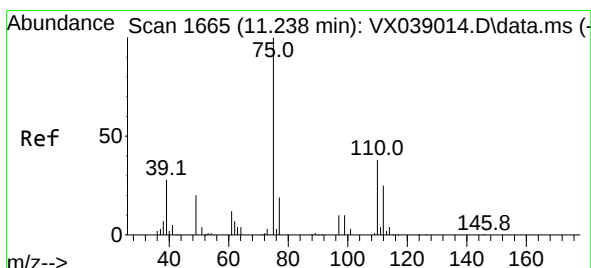
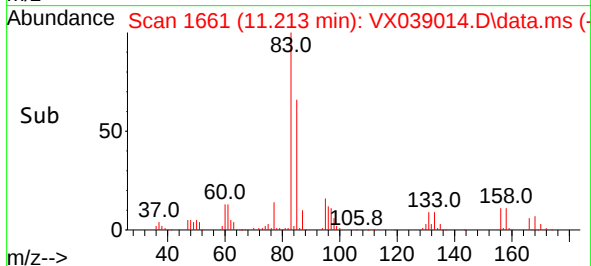
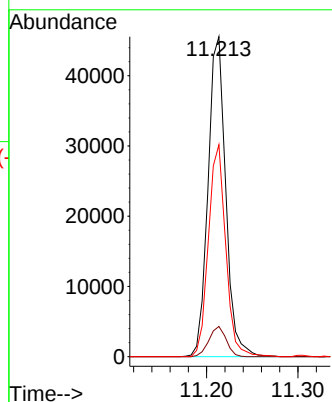
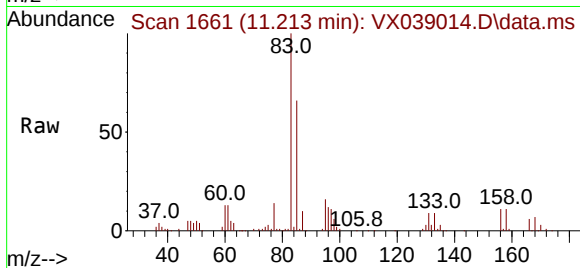
#71
1,1,2,2-Tetrachloroethane
Concen: 19.210 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 61189
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 64.9 32.5 97.4

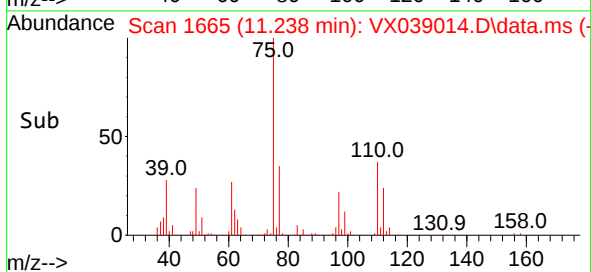
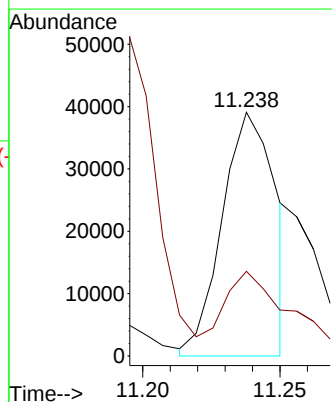
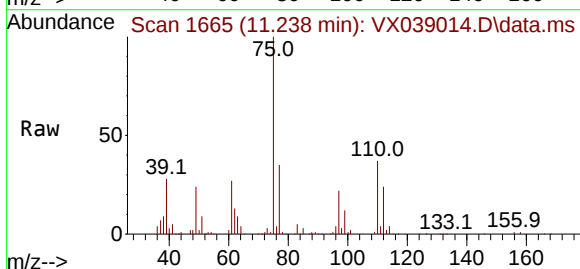
Manual Integrations
APPROVED

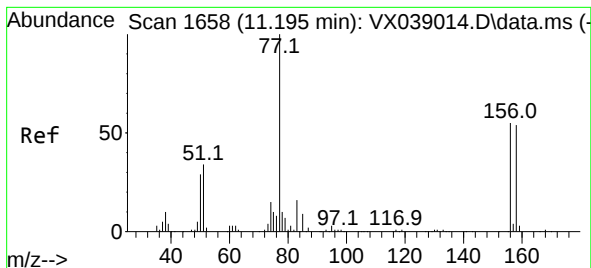
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 14.424 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 75 Resp: 52796
Ion Ratio Lower Upper
75 100
77 44.1 0.0 76.4





#73

Bromobenzene

Concen: 18.920 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

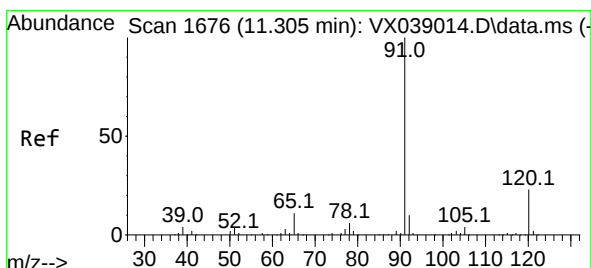
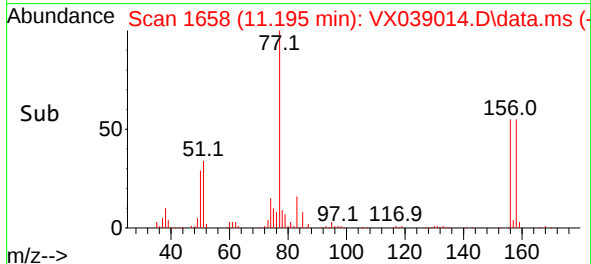
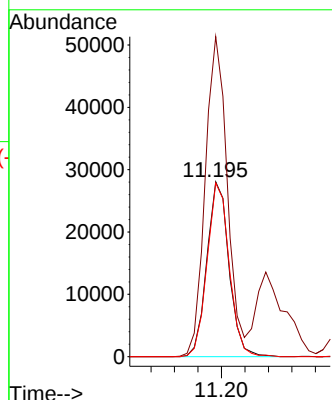
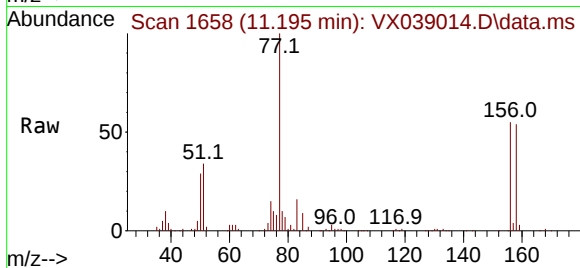
Tgt Ion:	156	Resp:	36754
Ion Ratio	Lower	Upper	
156	100		
77	181.6	0.0	363.2
158	98.9	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 19.459 ug/l

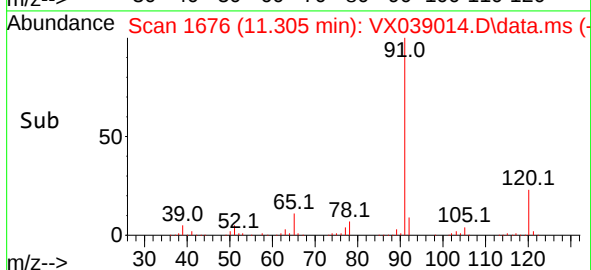
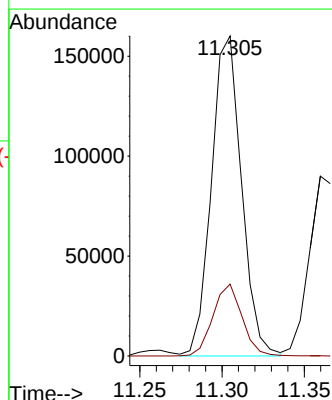
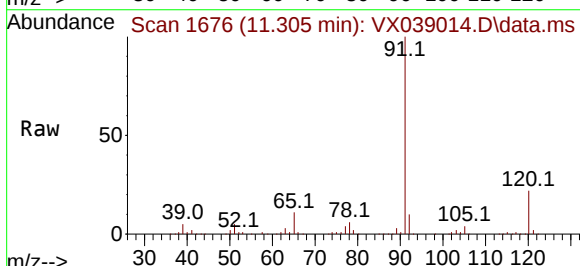
RT: 11.305 min Scan# 1676

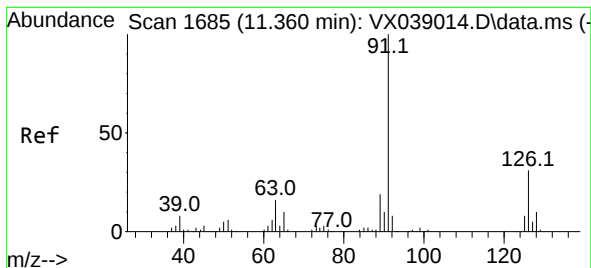
Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion:	91	Resp:	203425
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	43.4





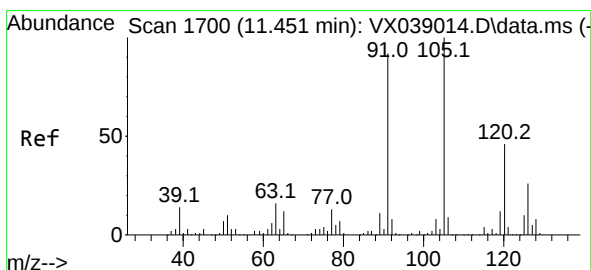
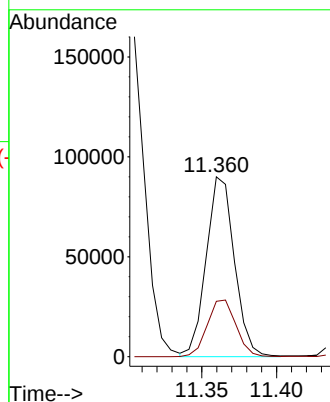
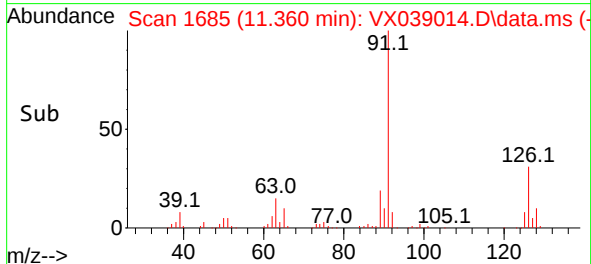
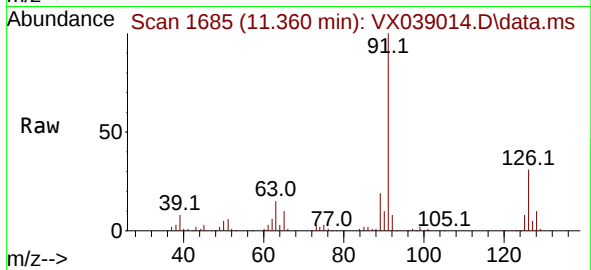
#75
2-Chlorotoluene
Concen: 19.286 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 118280
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.2

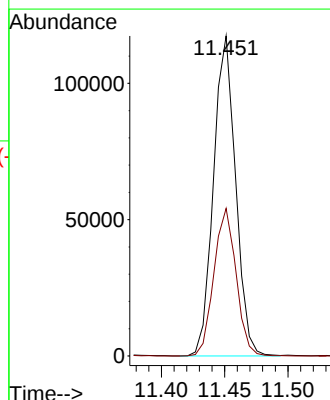
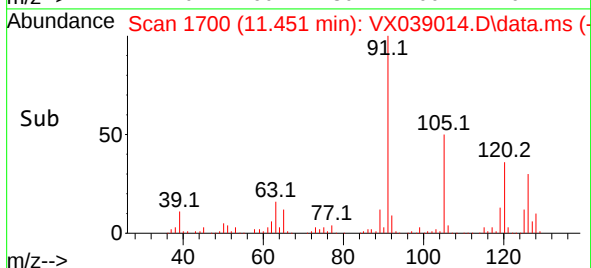
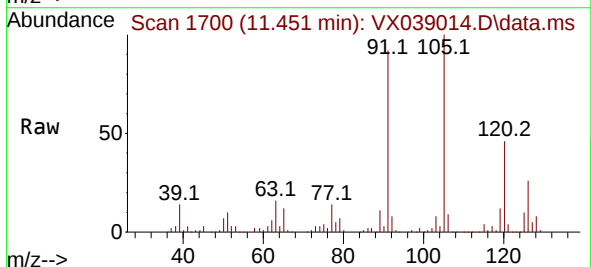
Manual Integrations
APPROVED

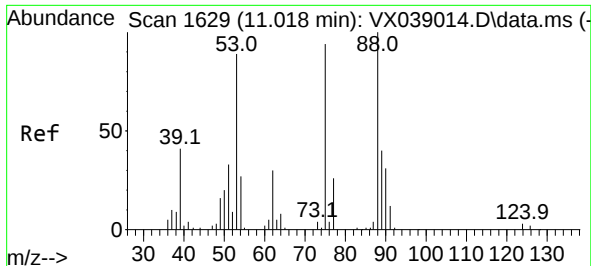
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.389 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion:105 Resp: 142526
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.6





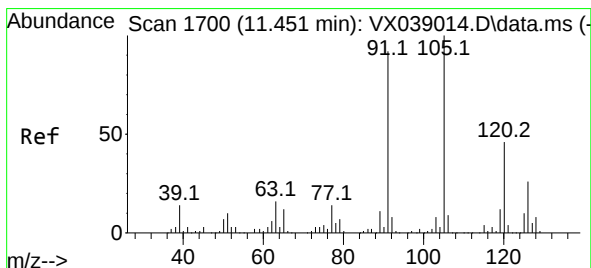
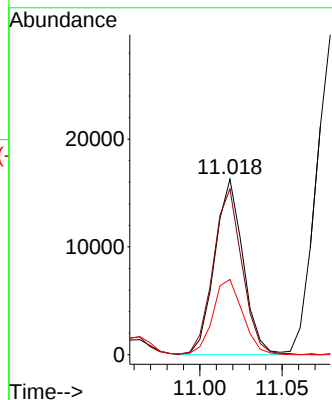
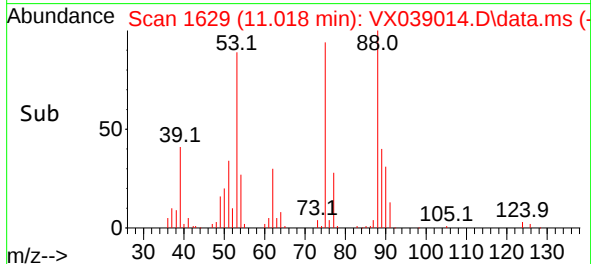
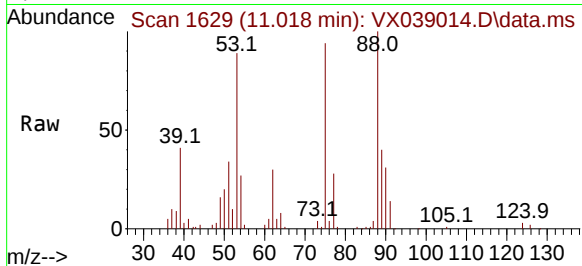
#77
t-1,4-Dichloro-2-butene
Concen: 18.299 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 19544
Ion Ratio Lower Upper
75 100
53 93.9 46.9 140.8
89 42.5 21.3 63.7

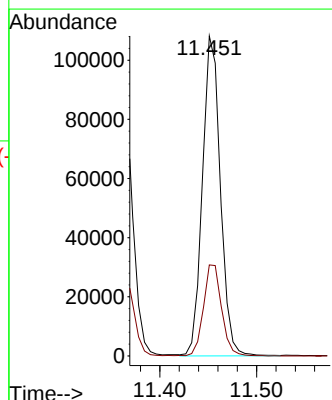
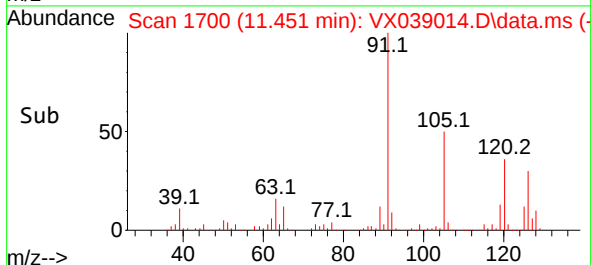
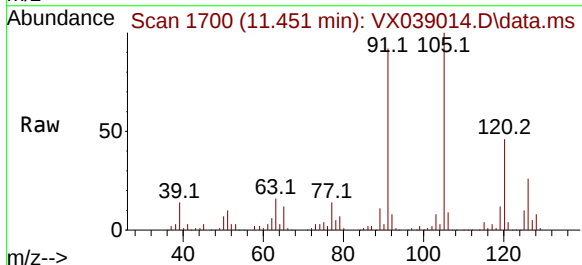
Manual Integrations
APPROVED

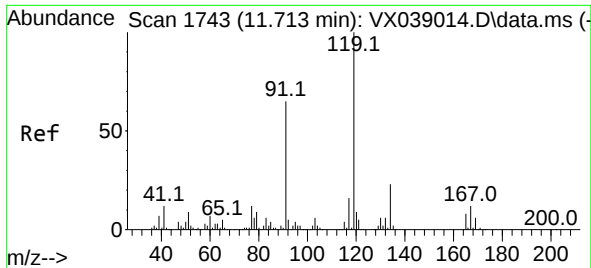
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 19.393 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Tgt Ion: 91 Resp: 139845
Ion Ratio Lower Upper
91 100
126 28.7 0.0 57.4





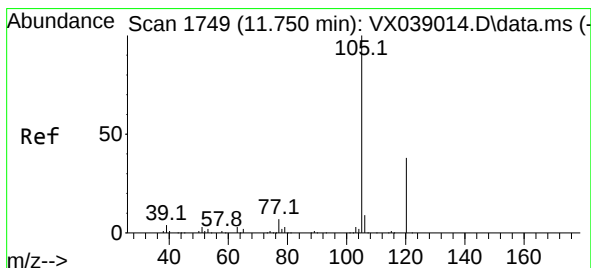
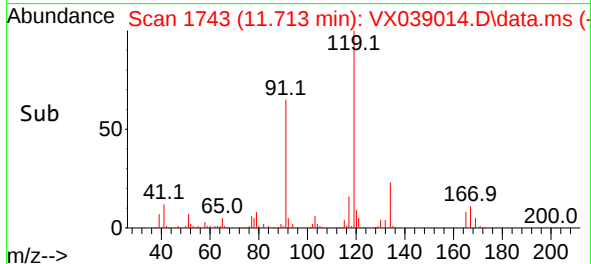
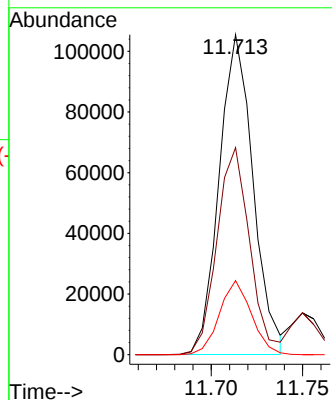
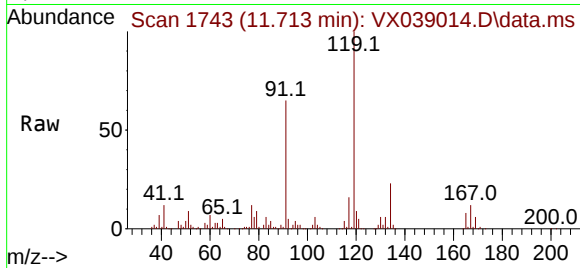
#79
tert-butylbenzene
Concen: 19.505 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 13633
Ion Ratio Lower Upper
119 100
91 62.8 0.0 125.6
134 21.9 0.0 43.8

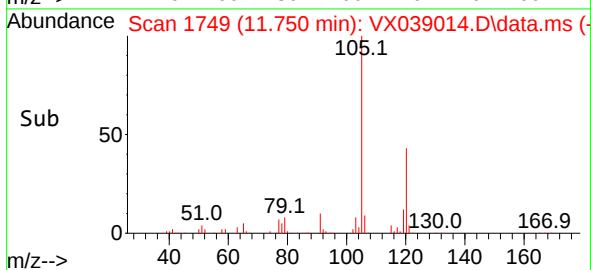
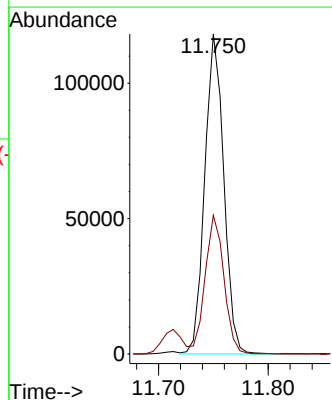
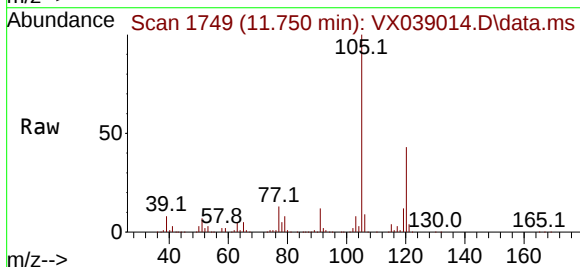
Manual Integrations
APPROVED

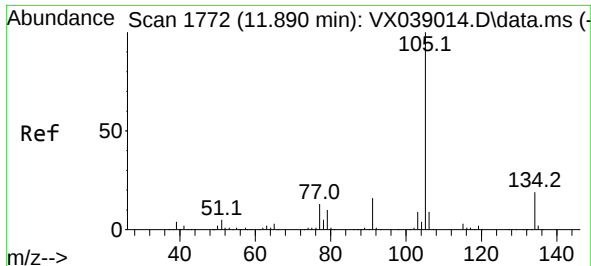
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.346 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

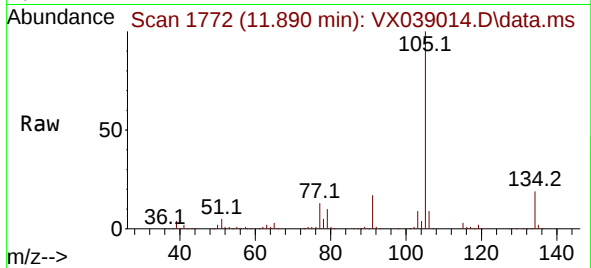
Tgt Ion:105 Resp: 142323
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.188 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039014.D
 Acq: 24 Nov 2023 09:45

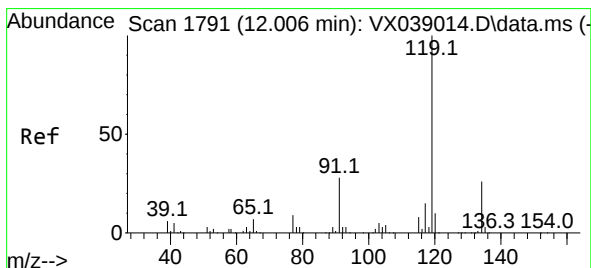
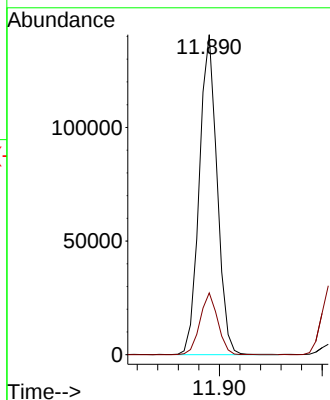
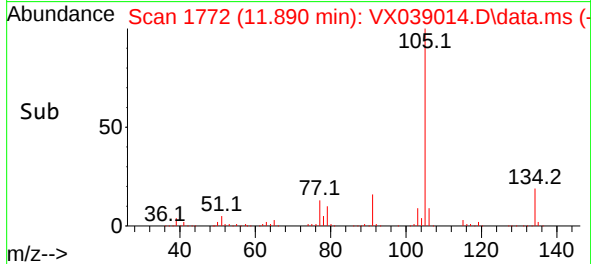
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



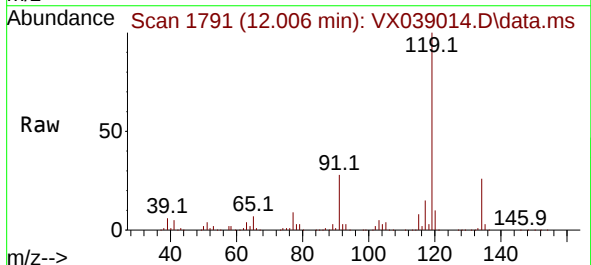
Tgt Ion:105 Resp: 169550
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

Manual Integrations
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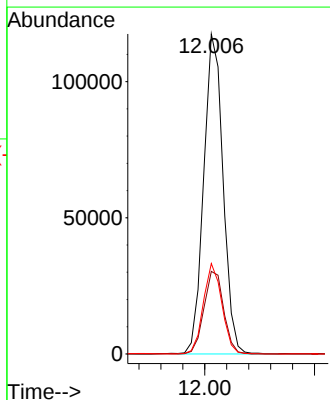
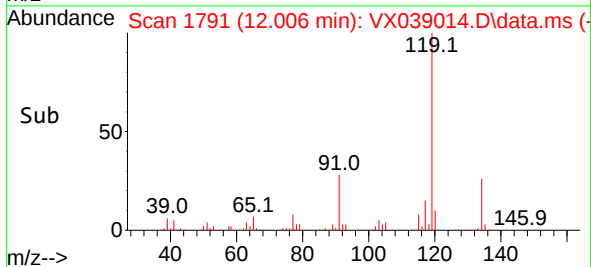
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

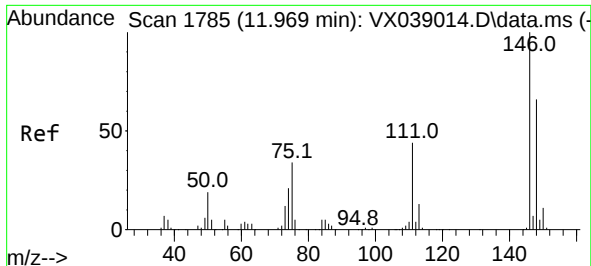


#82
 p-Isopropyltoluene
 Concen: 19.215 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039014.D
 Acq: 24 Nov 2023 09:45



Tgt Ion:119 Resp: 143900
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 27.1 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 18.997 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

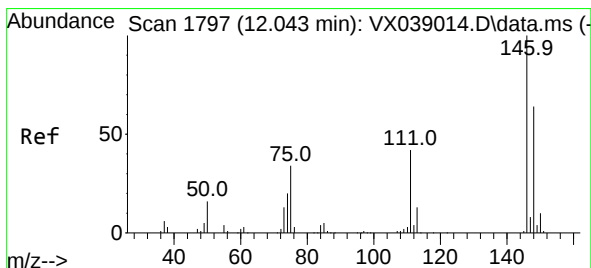
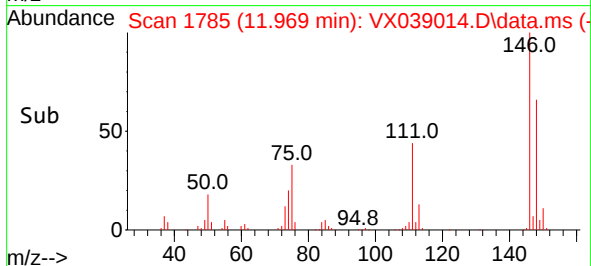
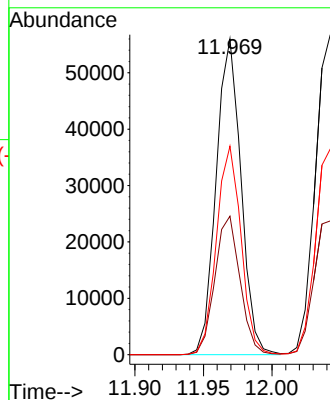
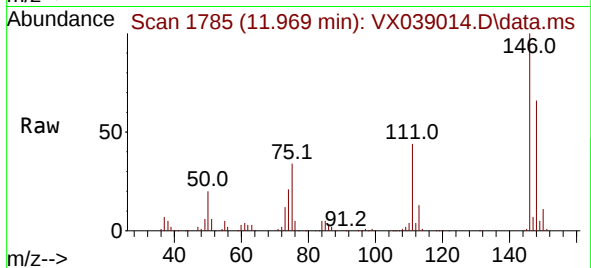
Tgt Ion:146 Resp: 70620
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.3 66.9
 148 65.5 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#84

1,4-Dichlorobenzene

Concen: 19.152 ug/l

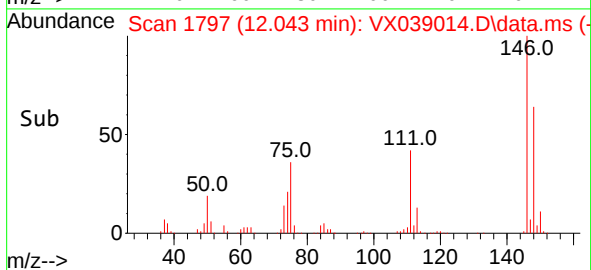
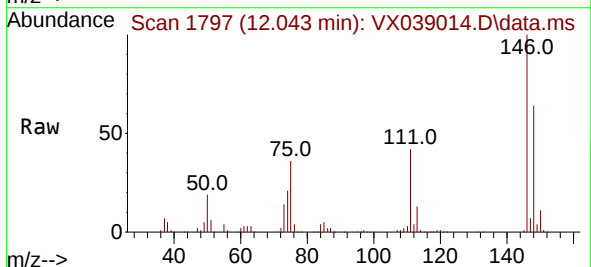
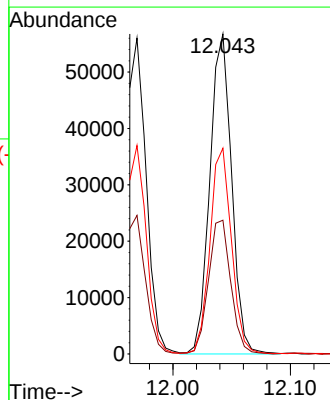
RT: 12.043 min Scan# 1797

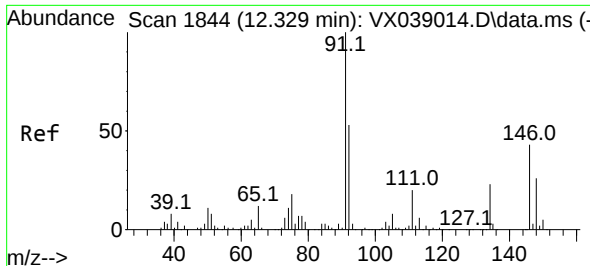
Delta R.T. 0.000 min

Lab File: VX039014.D

Acq: 24 Nov 2023 09:45

Tgt Ion:146 Resp: 73059
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.2
 148 63.6 31.8 95.4





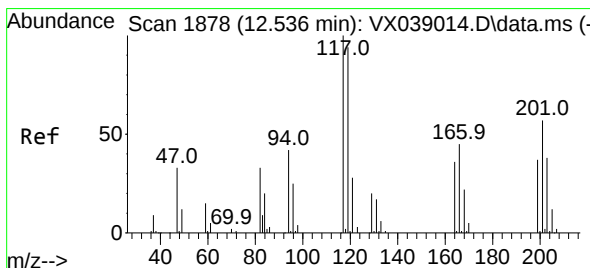
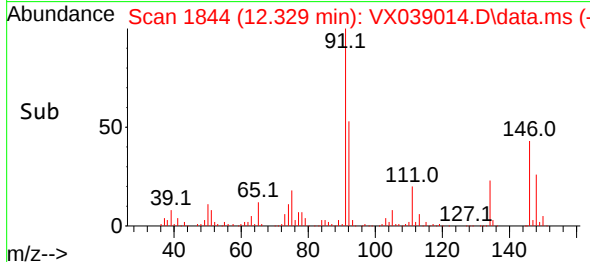
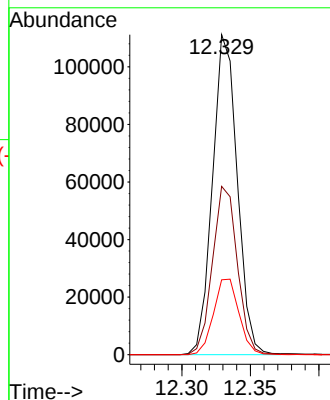
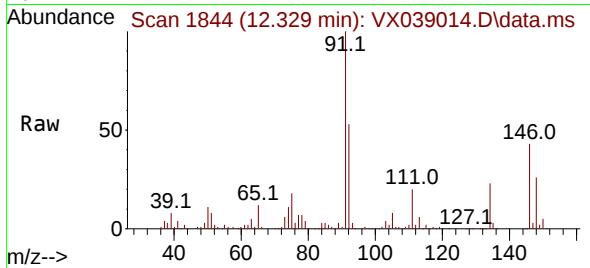
#85
n-Butylbenzene
Concen: 18.870 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 13954
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.2
134 24.4 0.0 48.8

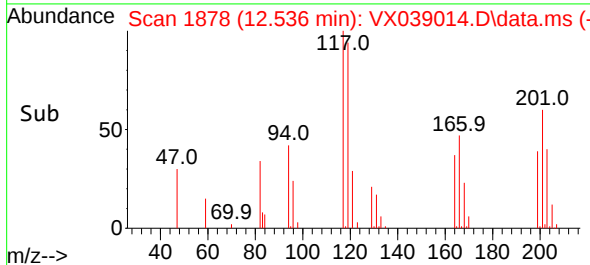
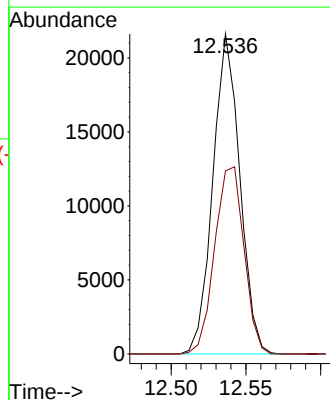
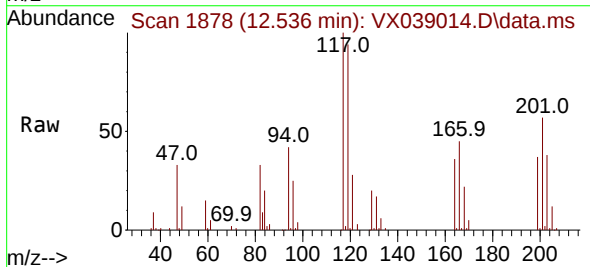
Manual Integrations
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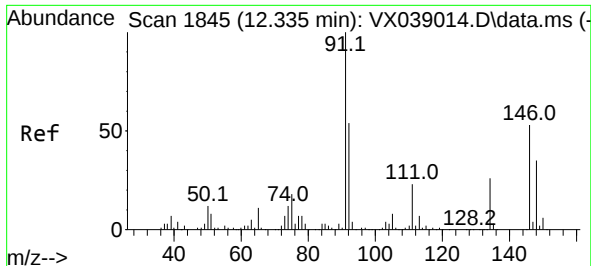
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 19.102 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

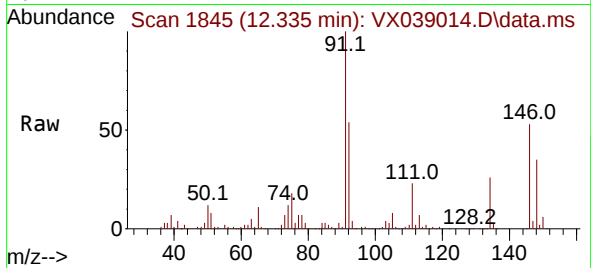
Tgt Ion:117 Resp: 27105
Ion Ratio Lower Upper
117 100
201 63.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.381 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

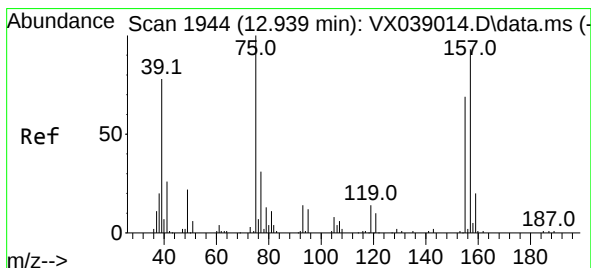
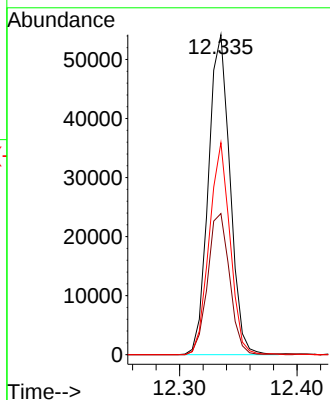
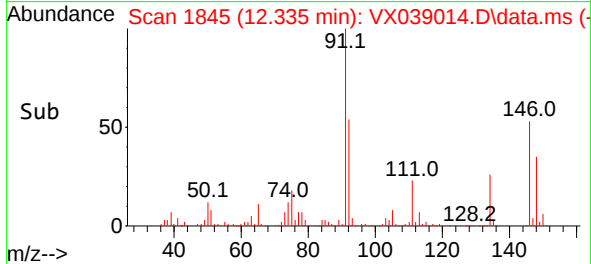
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 6928
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.2
148 63.8 31.9 95.7

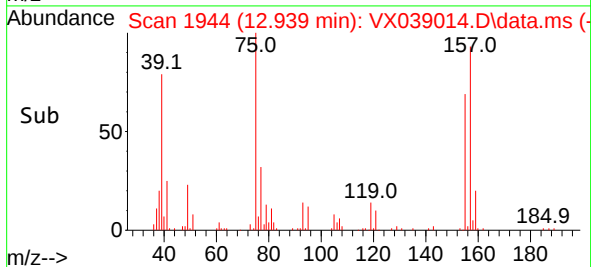
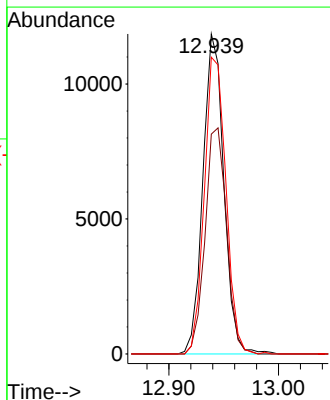
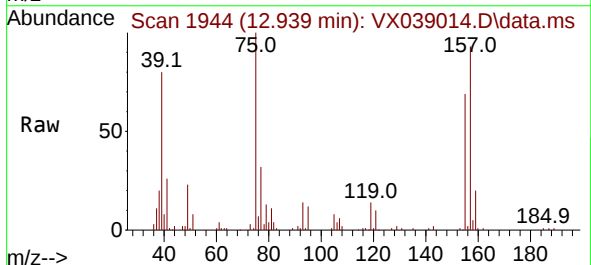
Manual Integrations
APPROVED

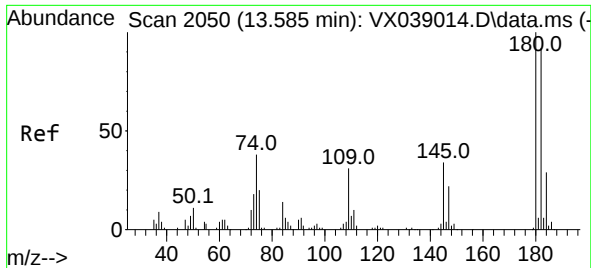
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.244 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

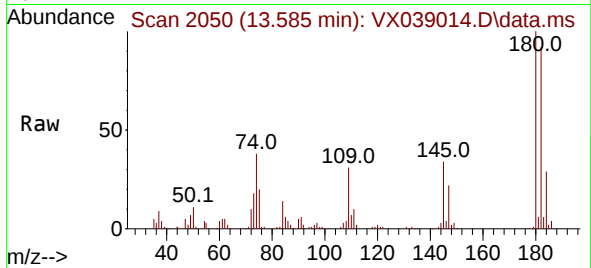
Tgt Ion: 75 Resp: 15677
Ion Ratio Lower Upper
75 100
155 72.8 58.2 87.4
157 95.6 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.211 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

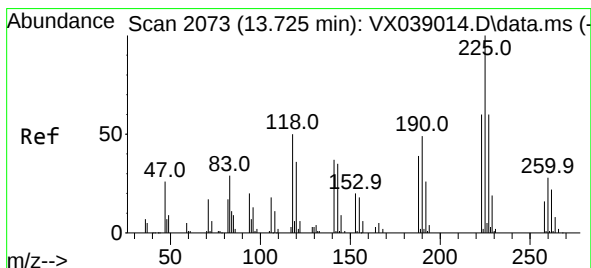
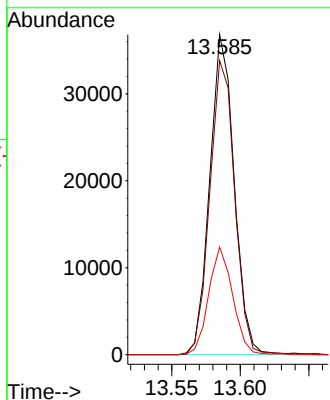
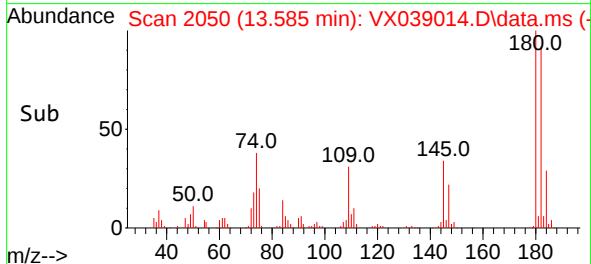
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



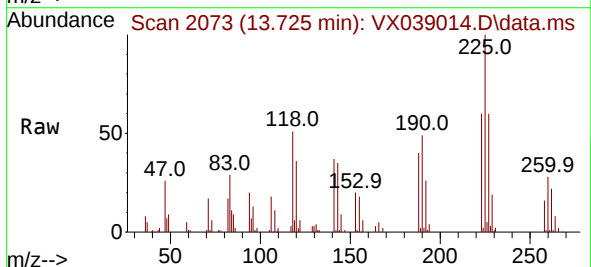
Tgt Ion:180 Resp: 45535
Ion Ratio Lower Upper
180 100
182 93.1 74.5 111.7
145 33.3 26.6 40.0

Manual Integrations
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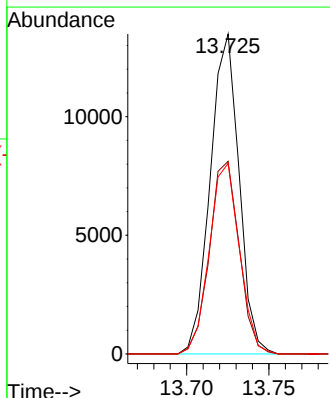
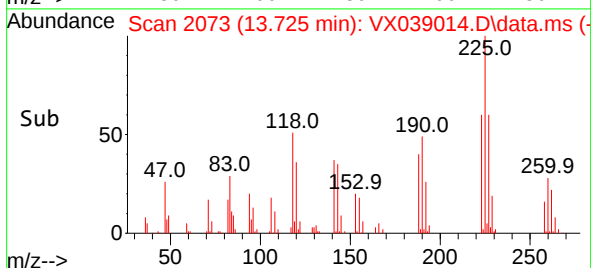
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

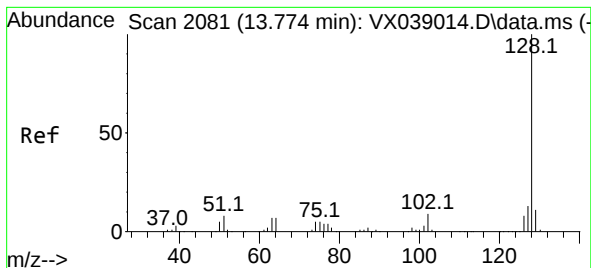


#90
Hexachlorobutadiene
Concen: 19.419 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



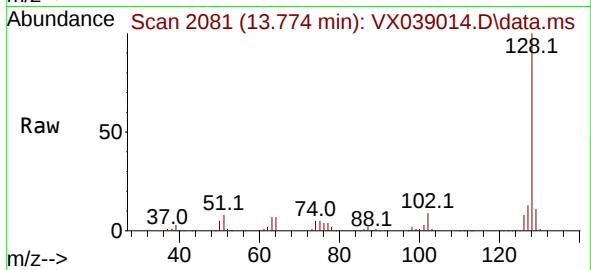
Tgt Ion:225 Resp: 16435
Ion Ratio Lower Upper
225 100
223 62.2 0.0 124.4
227 62.2 0.0 124.4





#91
Naphthalene
Concen: 18.924 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45

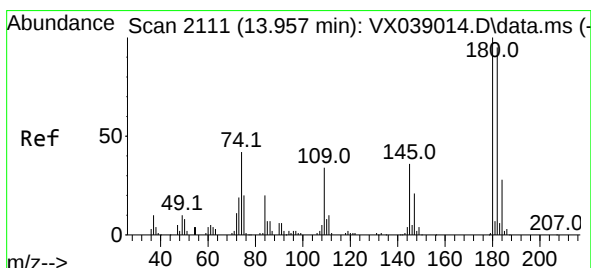
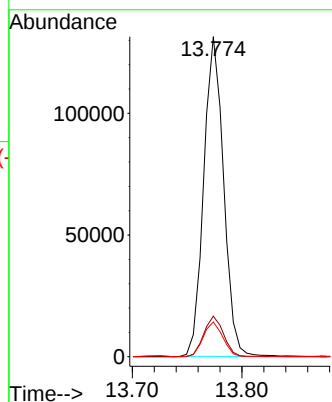
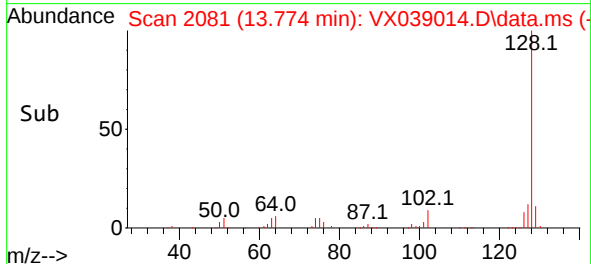
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



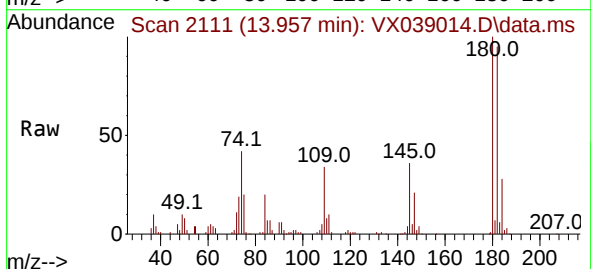
Tgt Ion:128 Resp: 16542
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.341 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039014.D
Acq: 24 Nov 2023 09:45



Tgt Ion:180 Resp: 44403
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.6
145 34.8 0.0 69.6

