

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039057.D
 Acq On : 29 Nov 2023 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 01:39:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	11521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90063	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	111959	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45183	28.667	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.567%	
60) 4-Bromofluorobenzene	11.079	95	72142	29.501	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.333%	
63) Toluene-d8	8.647	98	134200	30.318	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31755	18.415	ug/l	98
3) Chloromethane	1.294	50	35792	18.127	ug/l	99
4) Vinyl Chloride	1.374	62	37170	18.647	ug/l	98
5) Bromomethane	1.611	94	25550	20.957	ug/l	99
6) Chloroethane	1.691	64	22411	19.307	ug/l	97
7) Trichlorofluoromethane	1.892	101	53216	19.343	ug/l	99
8) Diethyl Ether	2.130	74	20940	19.828	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	31622	20.340	ug/l	98
10) 1,1-Dichloroethene	2.319	96	31913	20.364	ug/l	95
11) Methyl Iodide	2.453	142	34838	20.287	ug/l	96
12) Methyl Acetate	2.697	43	94047	19.242	ug/l	99
13) Acrolein	2.233	56	42374	98.965	ug/l	100
14) Acrylonitrile	3.056	53	116805	97.710	ug/l	98
15) Acetone	2.367	58	38569	88.761	ug/l	99
16) Carbon Disulfide	2.514	76	90297	19.025	ug/l	95
17) Allyl chloride	2.660	41	61708	19.836	ug/l	98
18) Methylene Chloride	2.788	84	37692	20.291	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	35745	20.168	ug/l	94
20) Diisopropyl ether	3.751	45	119894	20.252	ug/l	99
21) 1,1-Dichloroethane	3.605	63	65447	19.883	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	41136	20.027	ug/l	98
23) tert-Butyl Alcohol	2.941	59	51731	78.169	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	113635	19.684	ug/l	98
25) Chloroform	5.086	83	65312	19.769	ug/l	91
26) Cyclohexane	5.458	56	59038	19.817	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	50522	20.011	ug/l	99
30) 2-Butanone	4.544	43	174988	92.057	ug/l	100
31) 2,2-Dichloropropane	4.471	77	56903	19.712	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57397	19.669	ug/l	97
33) Carbon Tetrachloride	5.666	117	47716	19.412	ug/l	99
34) Benzene	6.031	78	145799	19.824	ug/l	97
35) Methacrylonitrile	4.904	41	32340	19.207	ug/l	98
36) 1,2-Dichloroethane	6.080	62	52257	19.364	ug/l	100
37) Trichloroethene	7.117	130	36466	19.535	ug/l	97
38) Methylcyclohexane	7.373	83	61937	19.689	ug/l	98
39) 1,2-Dichloropropane	7.421	63	38892	20.051	ug/l	99
40) Dibromomethane	7.574	93	27087	19.765	ug/l	100
41) Bromodichloromethane	7.818	83	51798	19.674	ug/l	99
42) Vinyl Acetate	3.715	43	454787	100.451	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.696	43	61447	18.790	ug/l	100
44) Isopropyl Acetate	6.330	43	98596	19.125	ug/l	100
45) 1,4-Dioxane	7.653	88	15706	298.434	ug/l	95
46) Methyl methacrylate	7.684	41	56295	19.099	ug/l	97
47) n-amyl Acetate	10.842	43	82142	18.825	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	58105	19.033	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	62565	19.866	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	37348	20.061	ug/l	98
51) Ethyl methacrylate	9.110	69	46291	19.864	ug/l	98
52) 1,3-Dichloropropane	9.305	76	64434	20.185	ug/l	99
53) Dibromochloromethane	9.519	129	38105	19.059	ug/l	99
54) 1,2-Dibromoethane	9.604	107	39839	19.514	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	144308	97.696	ug/l	99
56) Bromoform	10.799	173	25980	18.004	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	327489	96.458	ug/l	99
59) 2-Hexanone	9.427	43	261892	93.974	ug/l	100
61) Tetrachloroethene	9.269	164	29091	19.985	ug/l	97
62) Toluene	8.714	91	159068	20.012	ug/l	99
64) Chlorobenzene	10.073	112	96230	19.903	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	34010	19.531	ug/l	99
66) Ethyl Benzene	10.189	91	180495	19.942	ug/l	99
67) m/p-Xylenes	10.299	106	132655	39.663	ug/l	99
68) o-Xylene	10.640	106	63318	19.544	ug/l	100
69) Styrene	10.653	104	93757	19.554	ug/l	99
70) Isopropylbenzene	10.957	105	172355	19.884	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	62535	19.325	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	55221m	20.167	ug/l	
73) Bromobenzene	11.195	156	38146	19.329	ug/l	98
74) n-propylbenzene	11.305	91	211768	19.940	ug/l	100
75) 2-Chlorotoluene	11.360	91	122684	19.690	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	146461	19.613	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19429	17.907	ug/l	98
78) 4-Chlorotoluene	11.451	91	143348	19.568	ug/l	97
79) tert-butylbenzene	11.713	119	139157	19.597	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	144902	19.388	ug/l	99
81) sec-Butylbenzene	11.890	105	176225	19.632	ug/l	99
82) p-Isopropyltoluene	12.006	119	150310	19.757	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	73442	19.446	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	74179	19.142	ug/l	99
85) n-Butylbenzene	12.329	91	146180	19.457	ug/l	98
86) Hexachloroethane	12.536	117	26607	18.458	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	70459	19.401	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14988	18.110	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	46841	19.453	ug/l	98
90) Hexachlorobutadiene	13.725	225	16904	19.661	ug/l	99
91) Naphthalene	13.774	128	164239	18.495	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	45780	19.629	ug/l	98

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

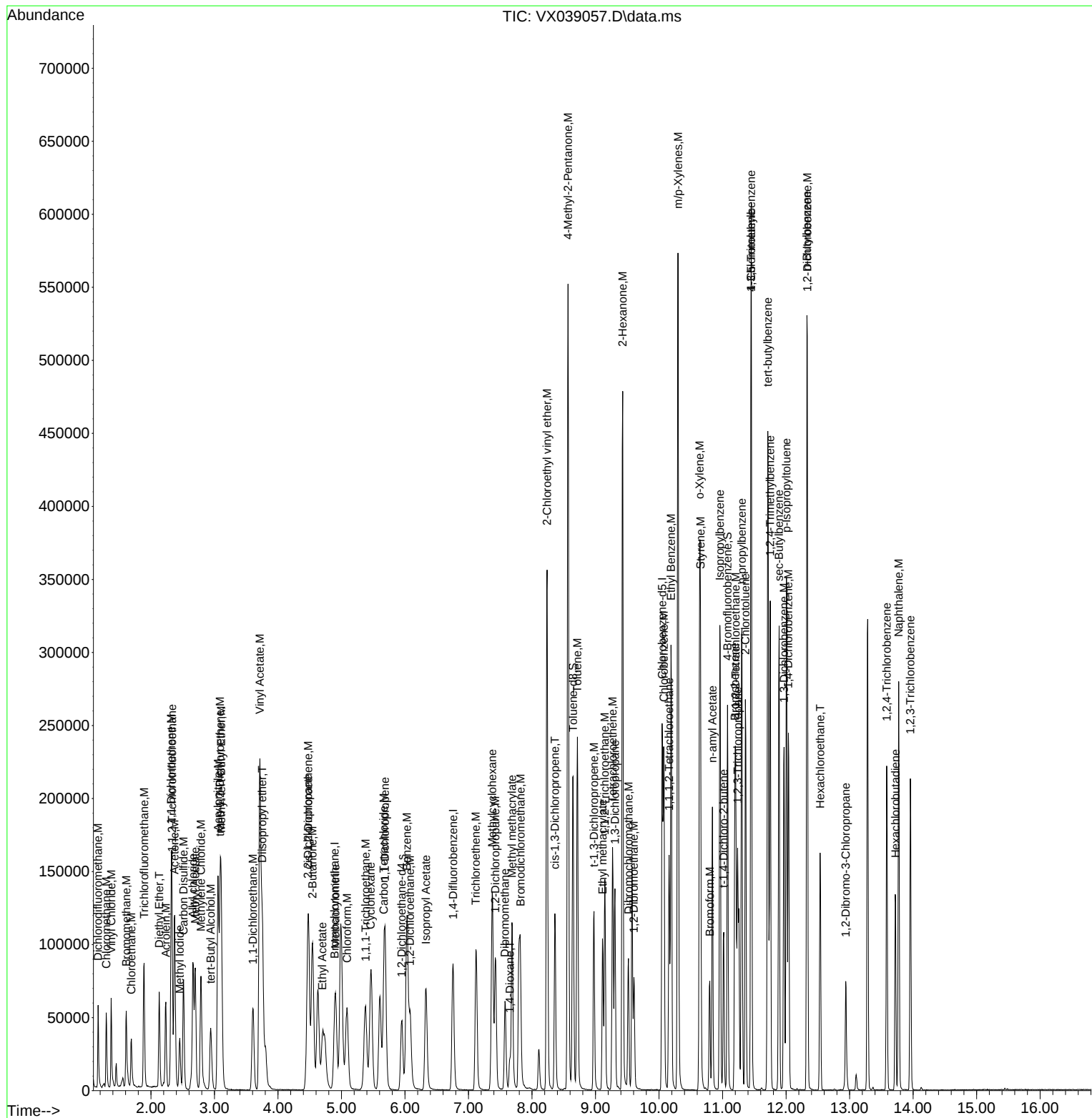
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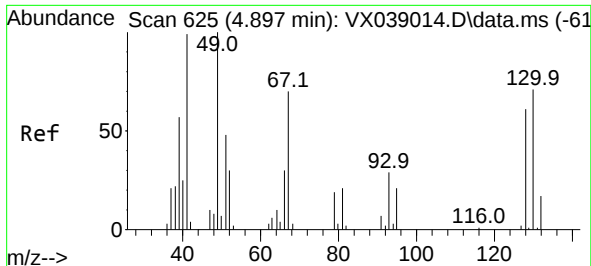
Instrument :
MSVOA_X
ClientSampleId :
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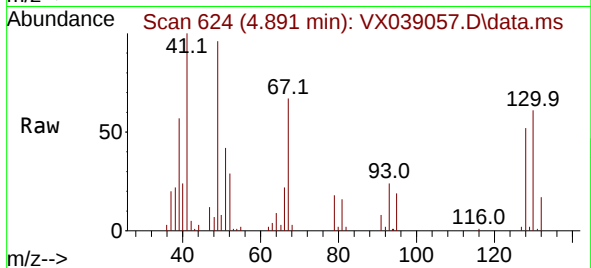
Reviewed By : John Carlone 11/30/2023
Supervised By : Mahesh Dadoda 11/30/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039057.D
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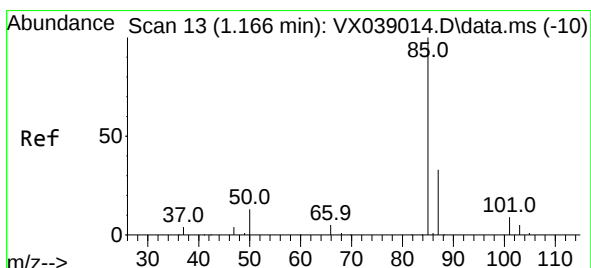
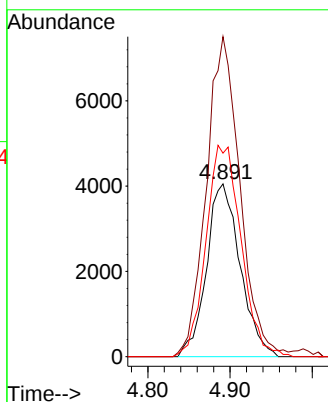
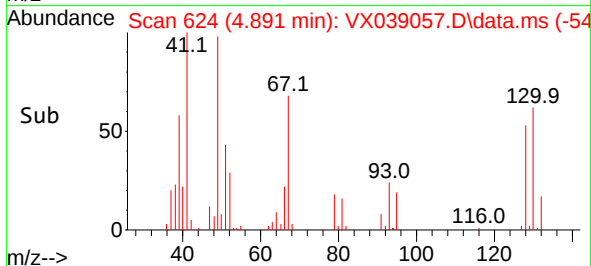
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



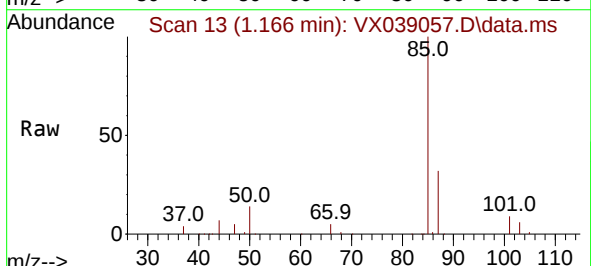
Tgt Ion:128 Resp: 1152
Ion Ratio Lower Upper
128 100
49 185.3 0.0 444.0
130 128.0 0.0 297.8

Manual Integrations
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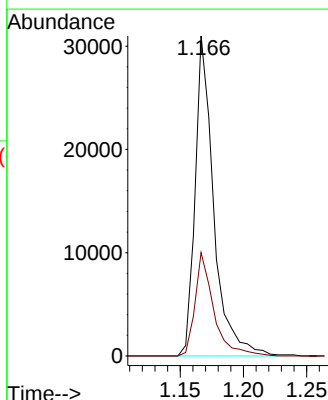
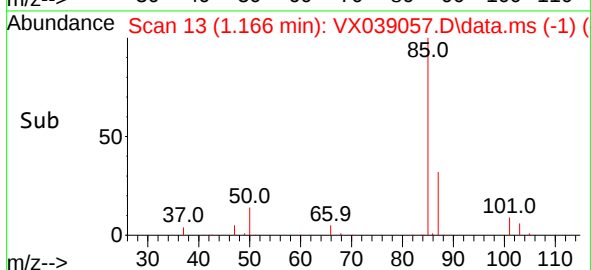
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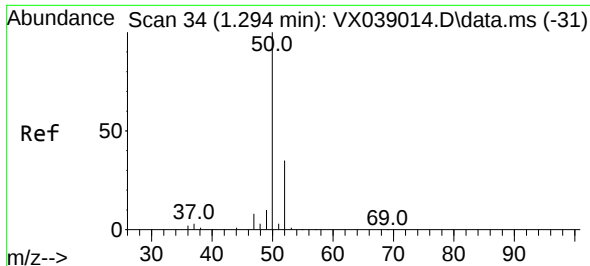


#2
Dichlorodifluoromethane
Concen: 18.415 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



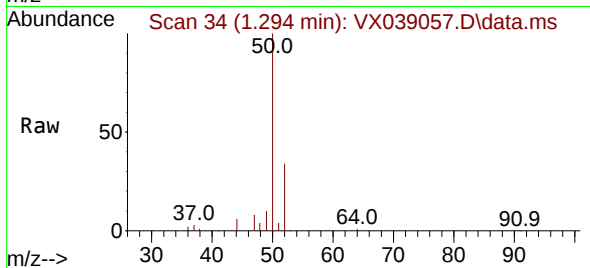
Tgt Ion: 85 Resp: 31755
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 18.127 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

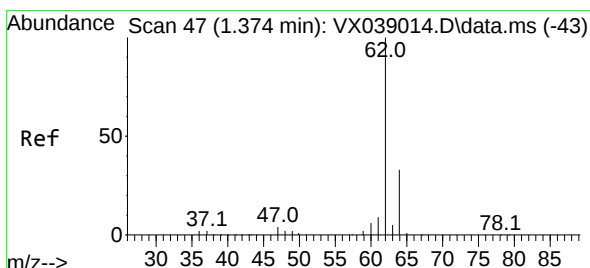
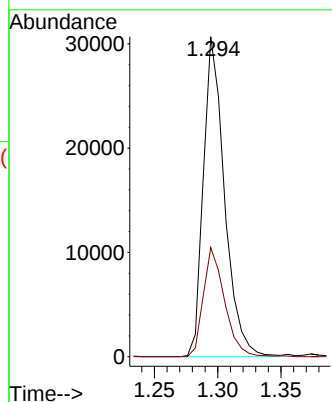
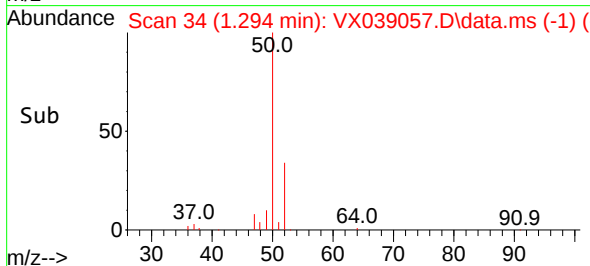
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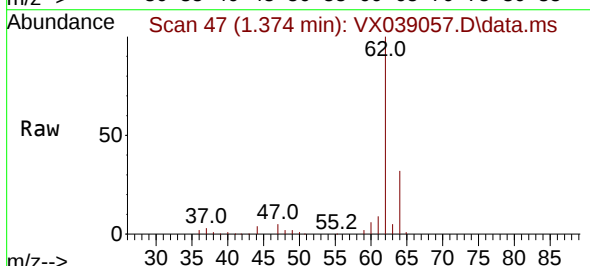
Tgt Ion: 50 Resp: 35792
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8

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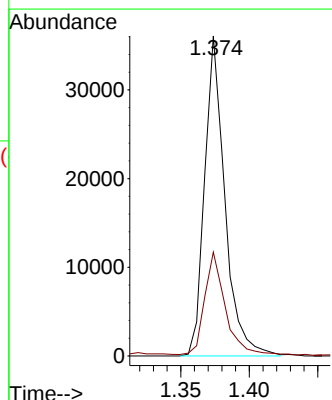
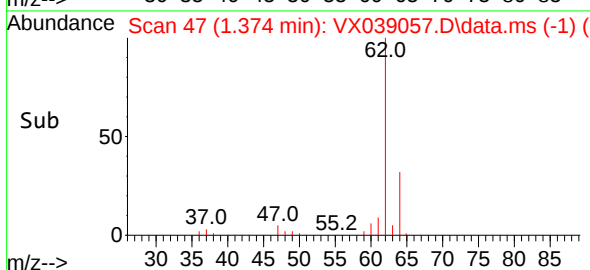
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

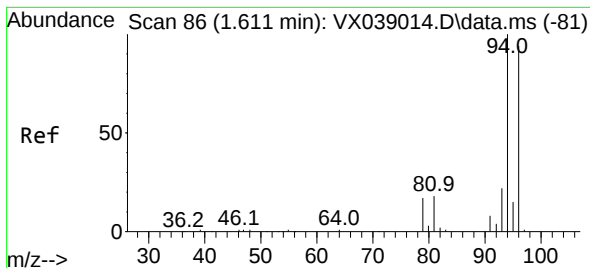


#4
Vinyl Chloride
Concen: 18.647 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



Tgt Ion: 62 Resp: 37170
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5





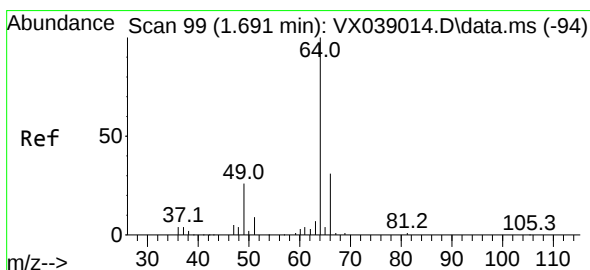
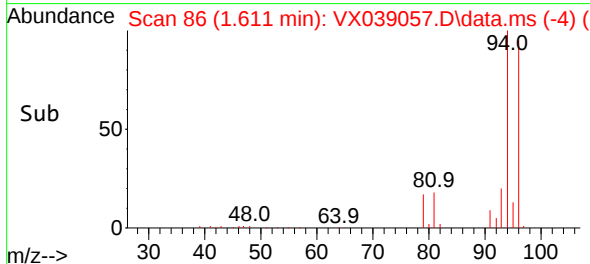
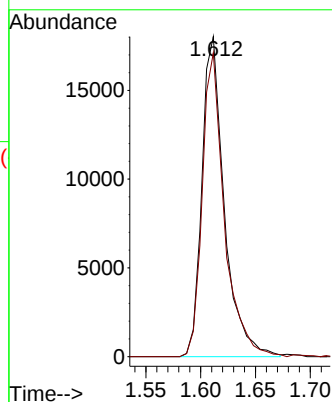
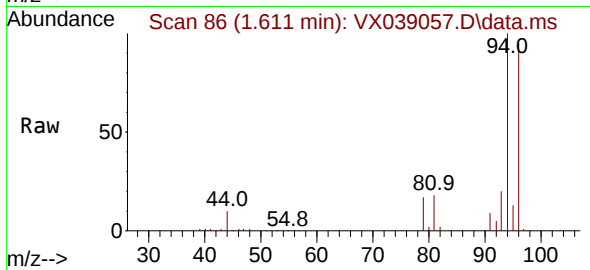
#5
Bromomethane
Concen: 20.957 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 25550
Ion Ratio Lower Upper
94 100
96 94.9 74.9 112.3

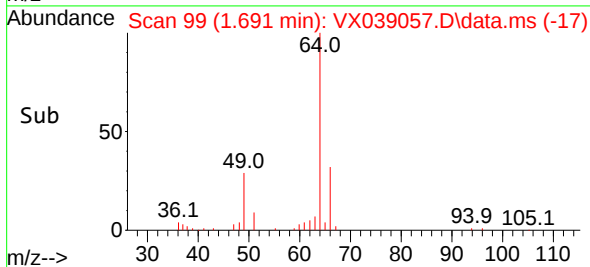
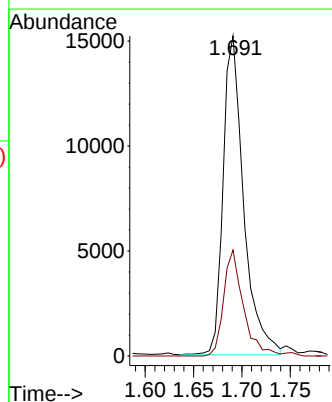
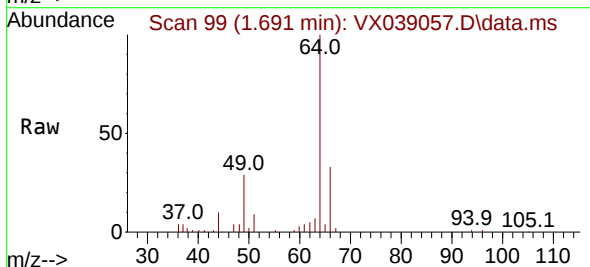
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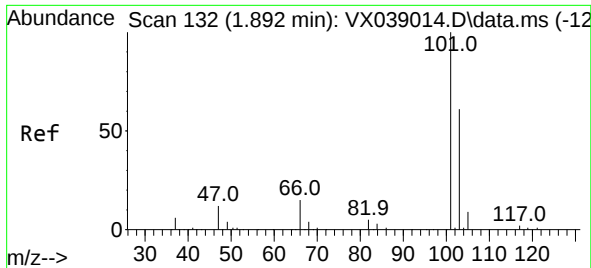
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#6
Chloroethane
Concen: 19.307 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 64 Resp: 22411
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.6





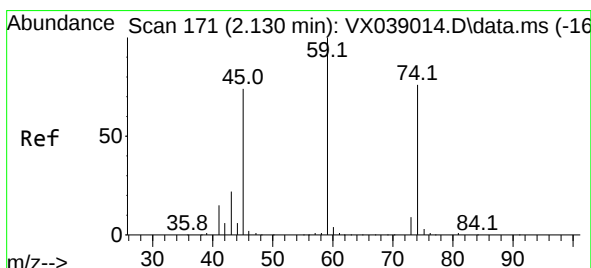
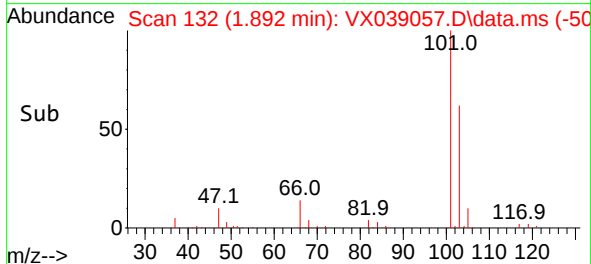
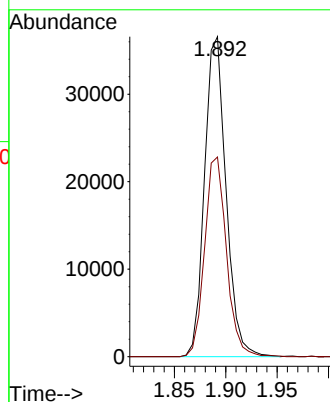
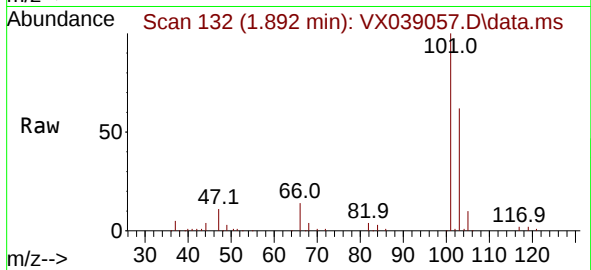
#7
Trichlorofluoromethane
Concen: 19.343 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 53210
Ion Ratio Lower Upper
101 100
103 62.4 49.1 73.7

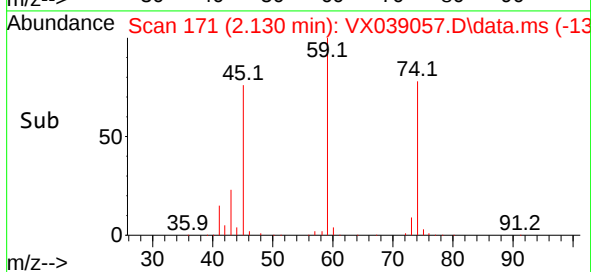
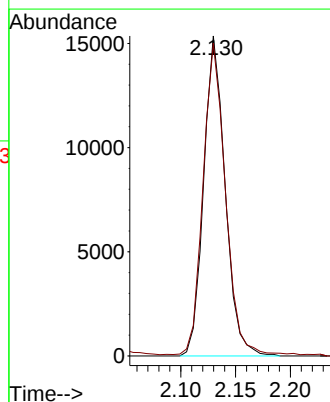
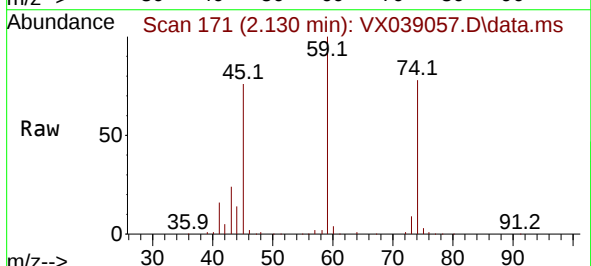
Manual Integrations
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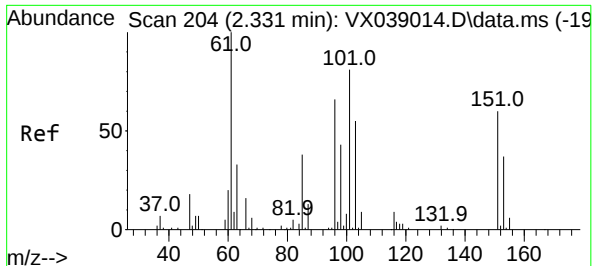
Reviewed By :John Carlone 11/30/2023
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#8
Diethyl Ether
Concen: 19.828 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 74 Resp: 20940
Ion Ratio Lower Upper
74 100
45 102.1 20.5 184.5





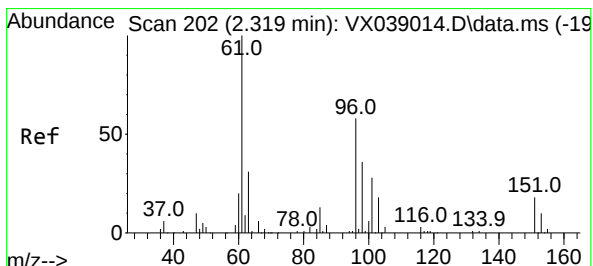
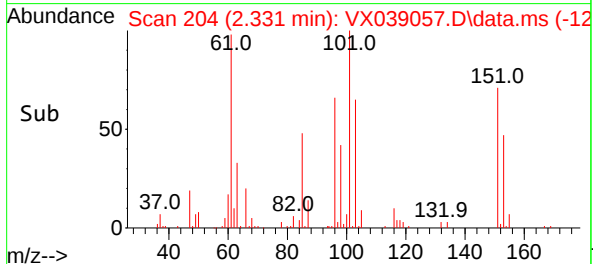
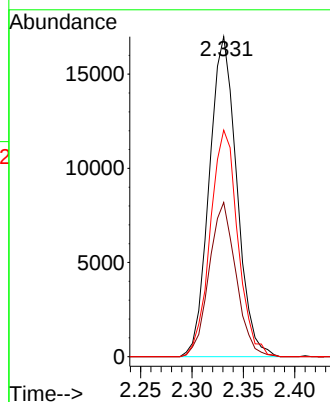
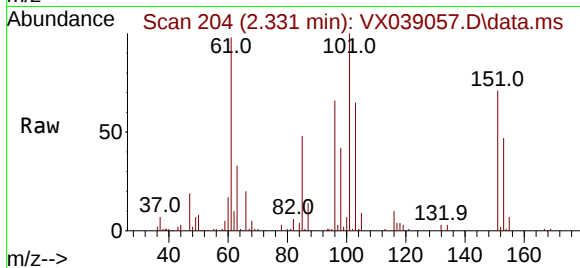
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.340 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039057.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3162
Ion Ratio Lower Upper
101 100
85 47.1 0.0 95.2
151 71.0 0.0 136.8

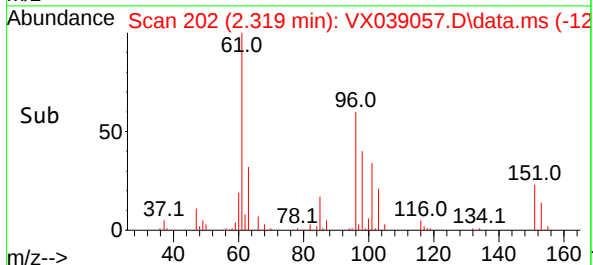
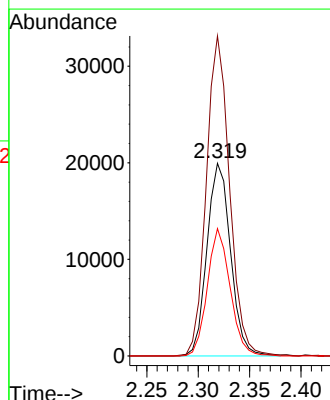
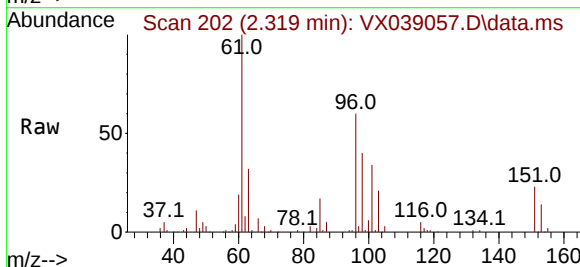
Manual Integrations
APPROVED

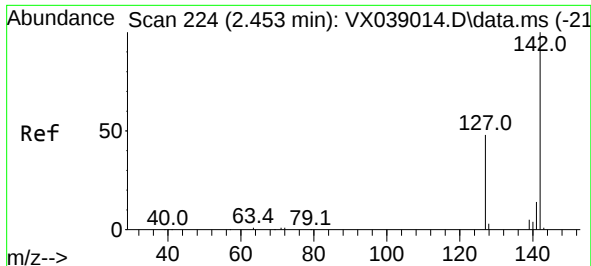
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
1,1-Dichloroethene
Concen: 20.364 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

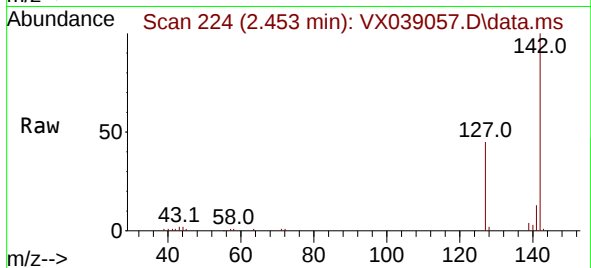
Tgt Ion: 96 Resp: 31913
Ion Ratio Lower Upper
96 100
61 165.7 138.3 207.5
98 66.1 49.8 74.6





#11
Methyl Iodide
Concen: 20.287 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

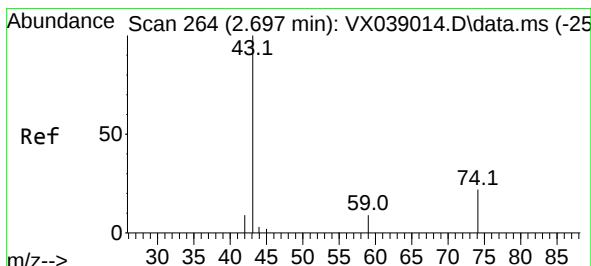
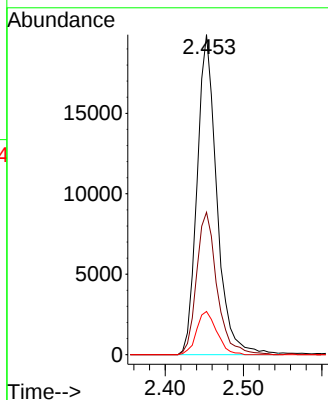
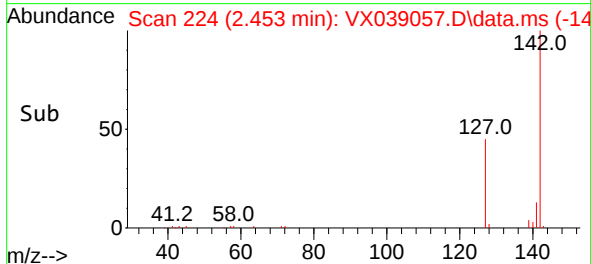
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 34838
Ion Ratio Lower Upper
142 100
127 44.6 23.8 71.4
141 13.5 6.9 20.6

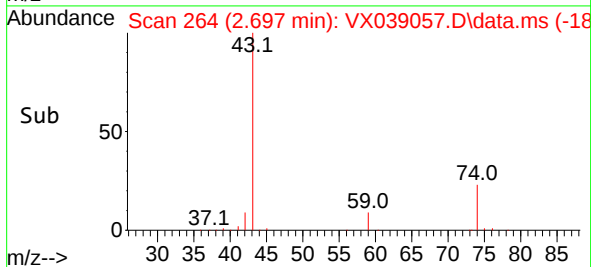
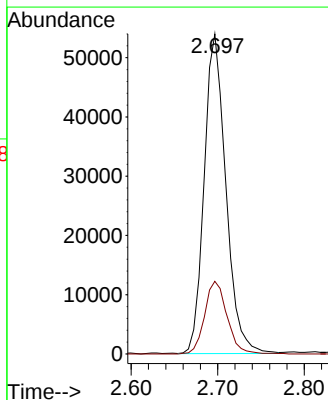
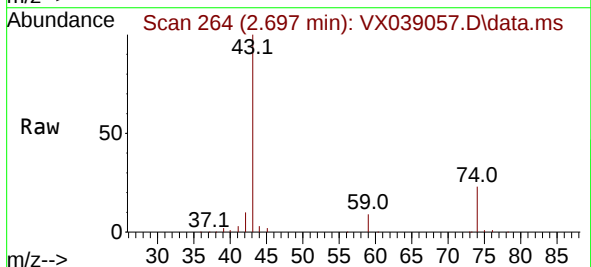
Manual Integrations
APPROVED

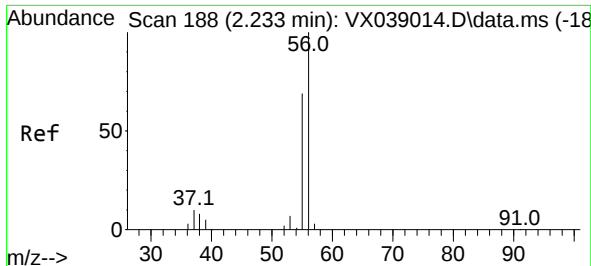
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
Methyl Acetate
Concen: 19.242 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

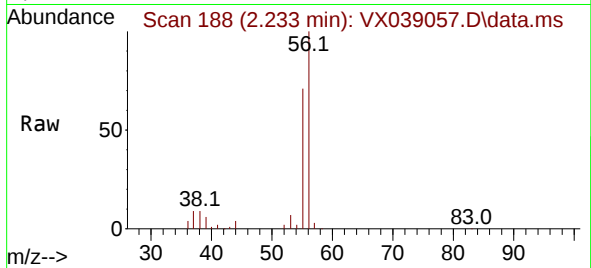
Tgt Ion: 43 Resp: 94047
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6





#13
Acrolein
Concen: 98.965 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

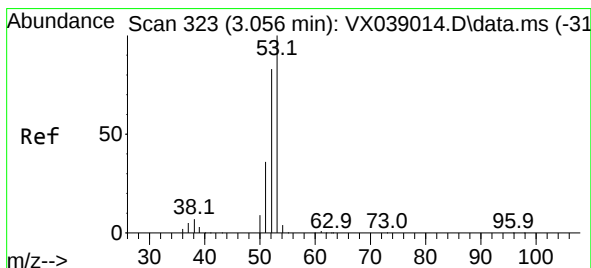
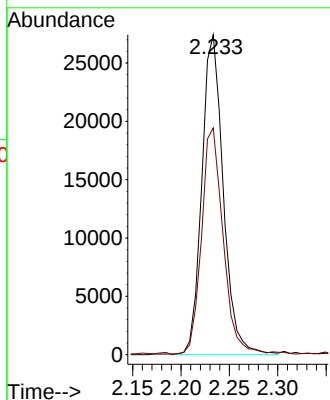
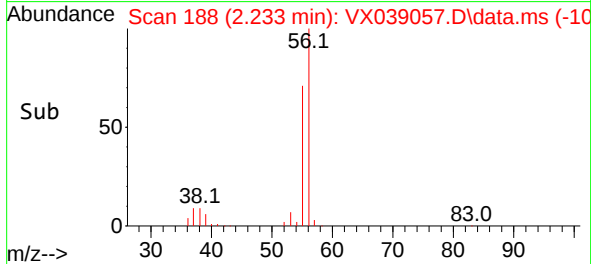
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 42374
Ion Ratio Lower Upper
56 100
55 71.4 57.2 85.8

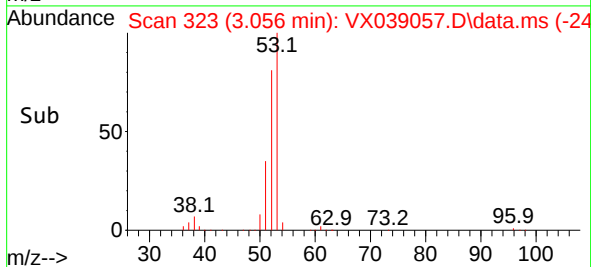
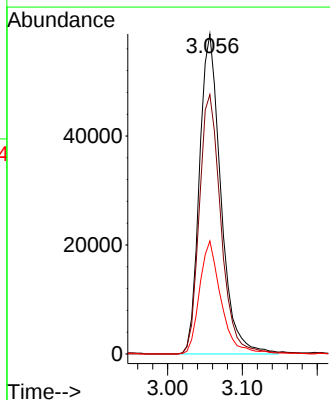
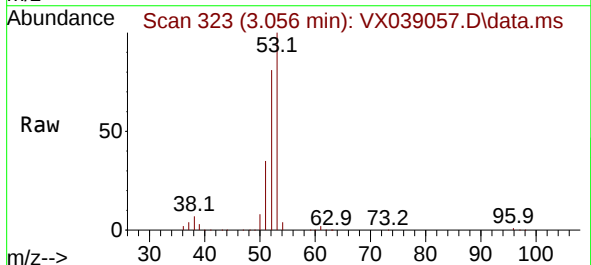
Manual Integrations
APPROVED

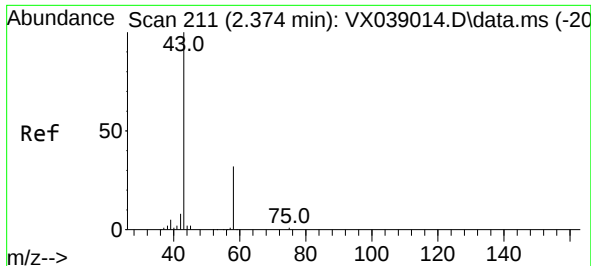
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#14
Acrylonitrile
Concen: 97.710 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

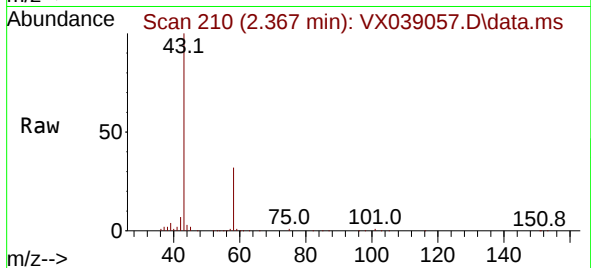
Tgt Ion: 53 Resp: 116805
Ion Ratio Lower Upper
53 100
52 81.9 41.9 125.6
51 35.1 18.3 54.9





#15
Acetone
Concen: 88.761 ug/l
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

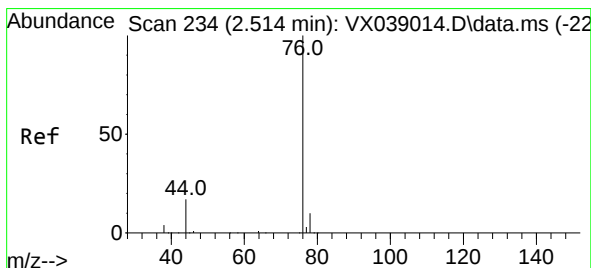
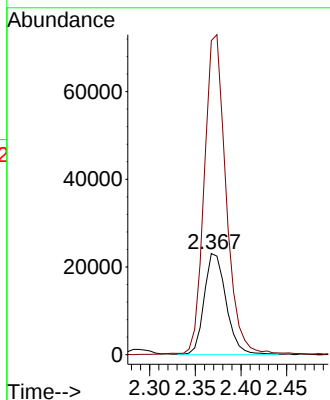
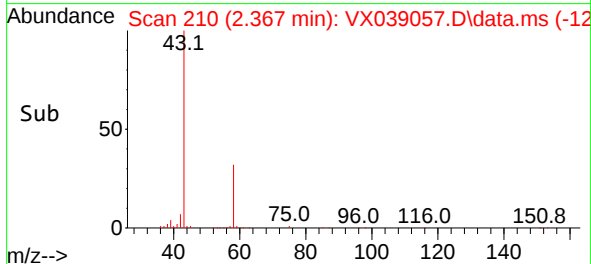
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 38569
Ion Ratio Lower Upper
58 100
43 310.7 249.9 374.9

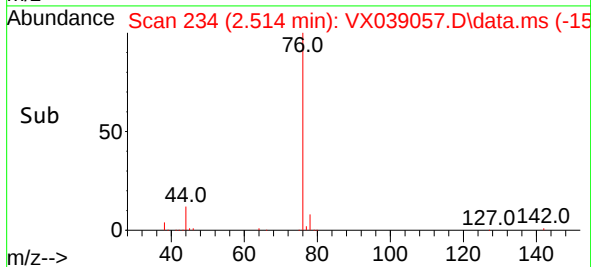
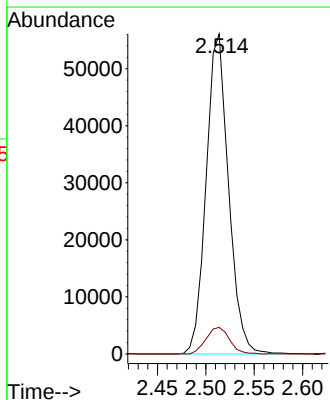
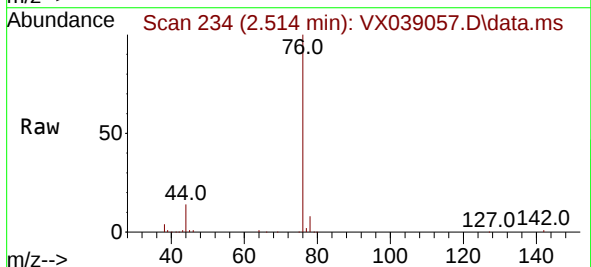
Manual Integrations
APPROVED

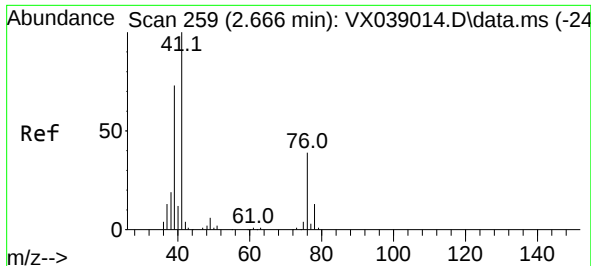
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Carbon Disulfide
Concen: 19.025 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

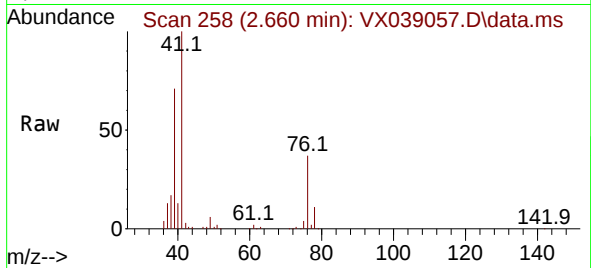
Tgt Ion: 76 Resp: 90297
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0





#17
 Allyl chloride
 Concen: 19.836 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

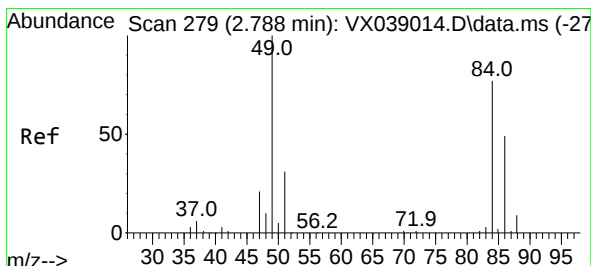
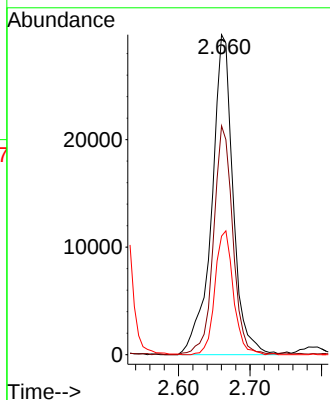
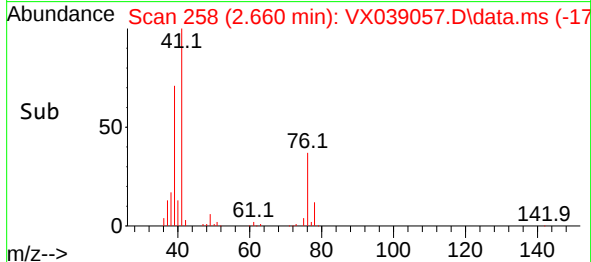
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 61708
 Ion Ratio Lower Upper
 41 100
 39 71.5 36.5 109.5
 76 37.0 19.7 59.0

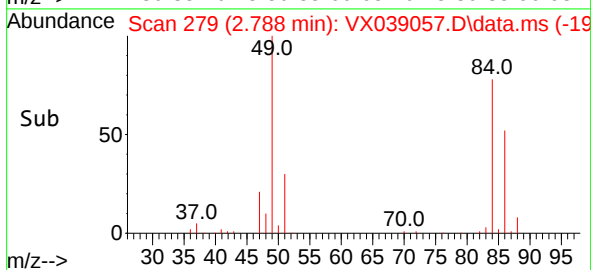
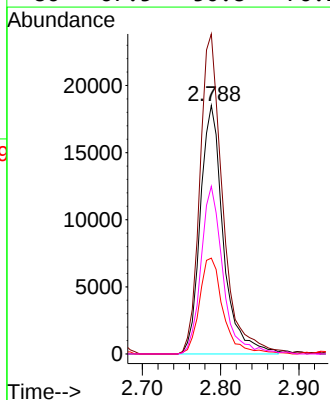
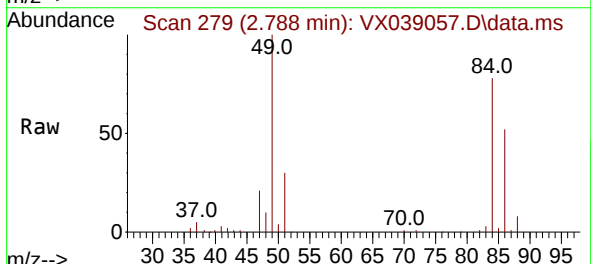
Manual Integrations
 APPROVED

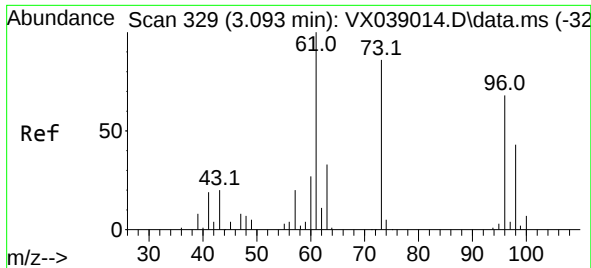
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#18
 Methylene Chloride
 Concen: 20.291 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

Tgt Ion: 84 Resp: 37692
 Ion Ratio Lower Upper
 84 100
 49 128.8 103.8 155.8
 51 38.6 31.8 47.6
 86 67.5 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 20.168 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

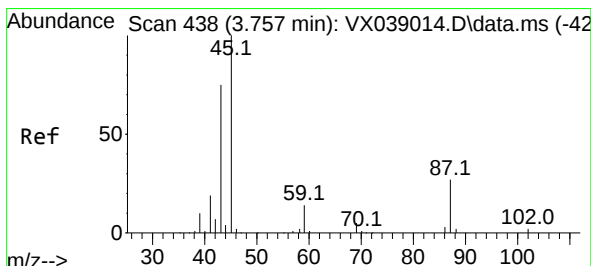
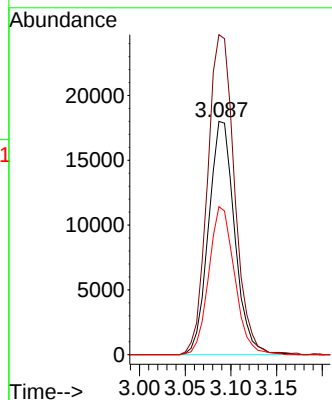
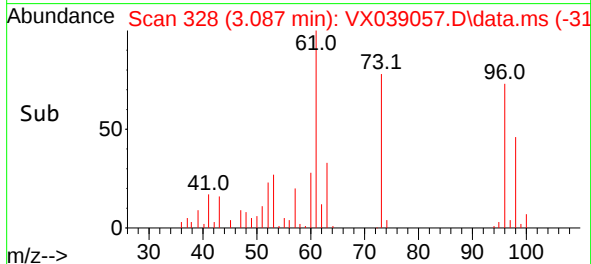
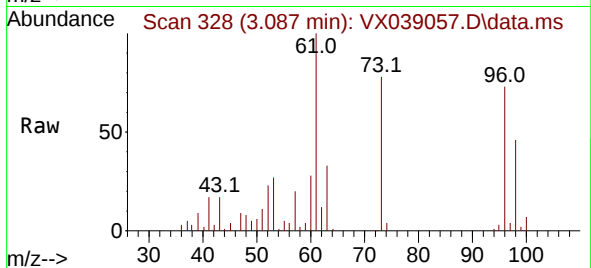
VSTDCCC020EC

Tgt Ion: 96 Resp: 3574
Ion Ratio Lower Upper
96 100
61 137.2 117.9 176.9
98 63.4 51.0 76.6

Manual Integrations

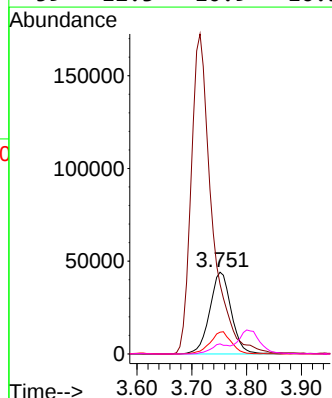
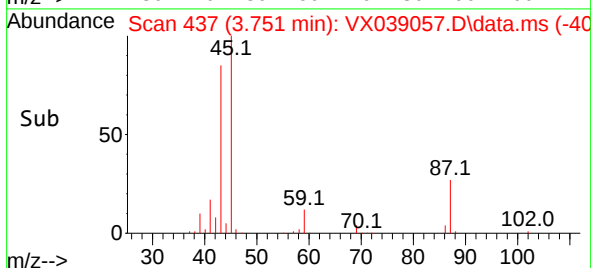
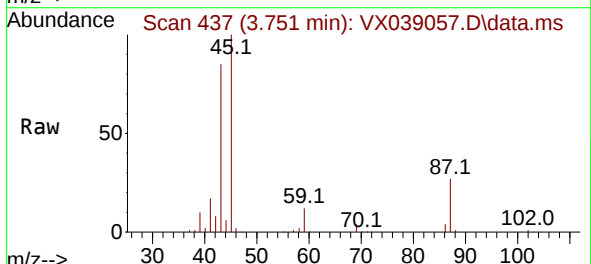
APPROVED

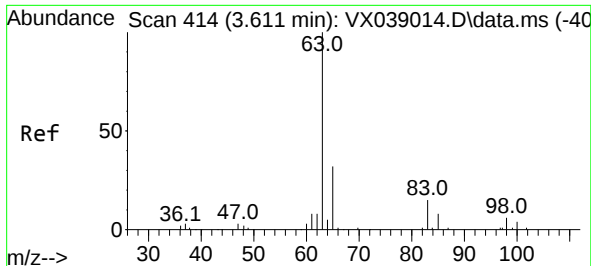
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Diisopropyl ether
Concen: 20.252 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 45 Resp: 119894
Ion Ratio Lower Upper
45 100
43 83.8 67.7 101.5
87 26.7 21.5 32.3
59 12.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.883 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

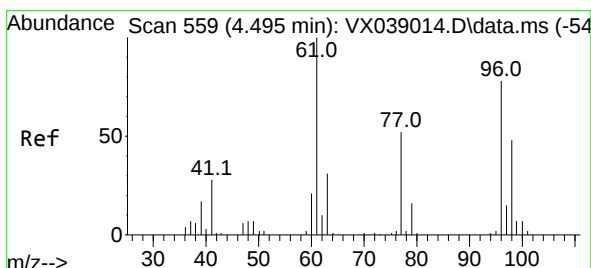
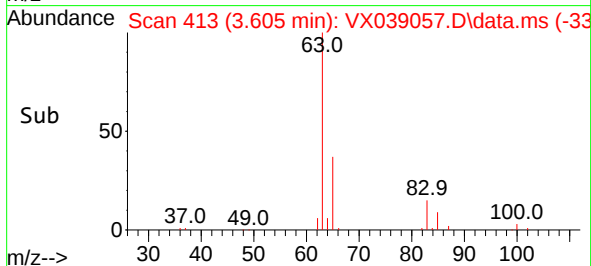
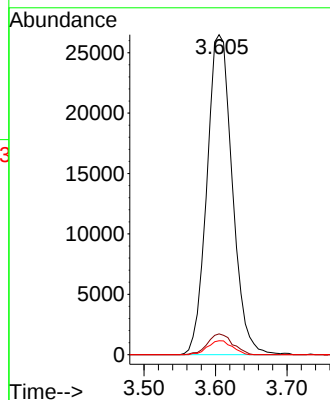
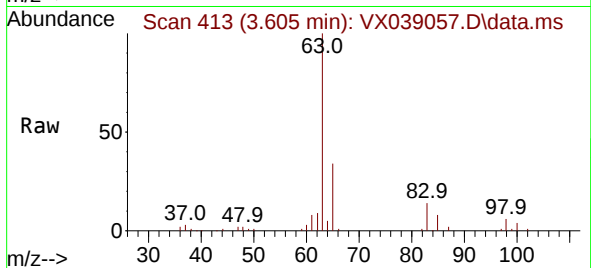
Tgt Ion:	63	Resp:	6544
Ion Ratio	Lower	Upper	
63	100		
98	6.5	2.9	8.8
100	4.4	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#22

cis-1,2-Dichloroethene

Concen: 20.027 ug/l

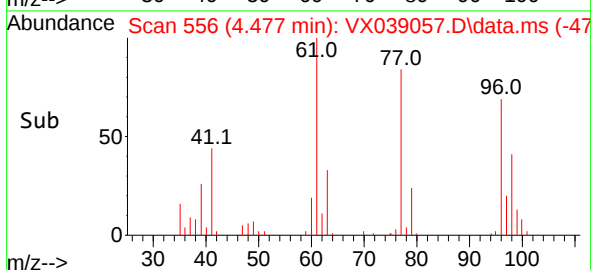
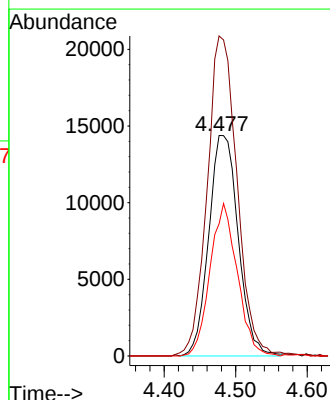
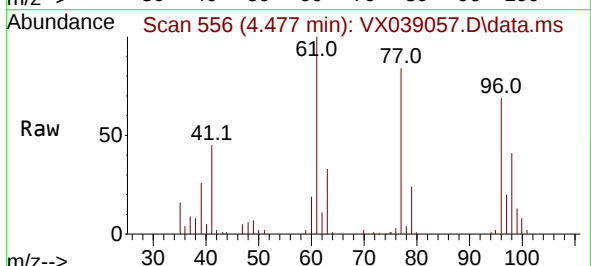
RT: 4.477 min Scan# 556

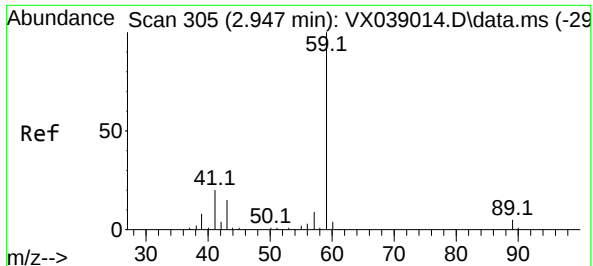
Delta R.T. -0.018 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:	96	Resp:	41136
Ion Ratio	Lower	Upper	
96	100		
61	146.6	119.8	179.6
98	63.9	50.9	76.3





#23

tert-Butyl Alcohol

Concen: 78.169 ug/l

RT: 2.941 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 5173

Ion Ratio Lower Upper

59 100

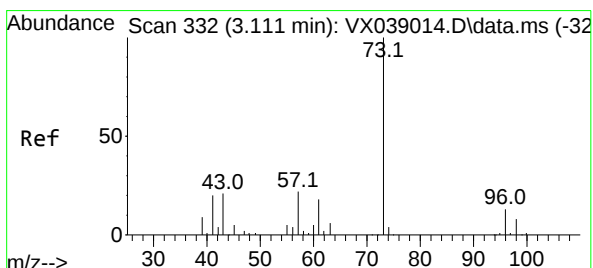
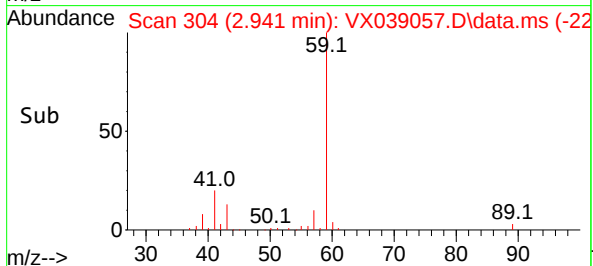
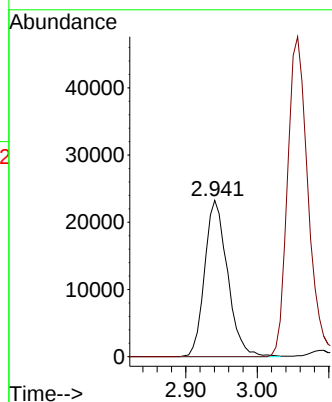
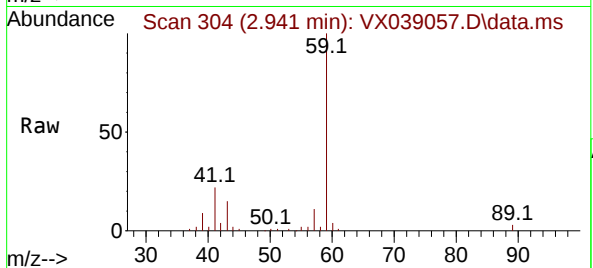
52 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#24

Methyl tert-Butyl Ether

Concen: 19.684 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX039057.D

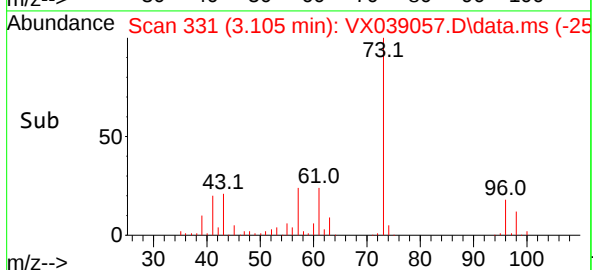
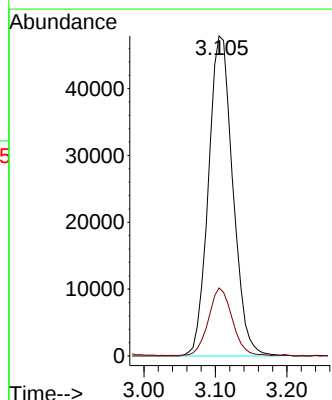
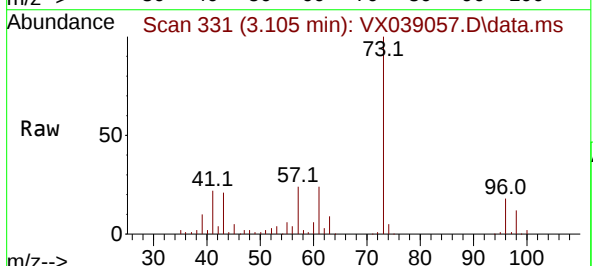
Acq: 29 Nov 2023 16:31

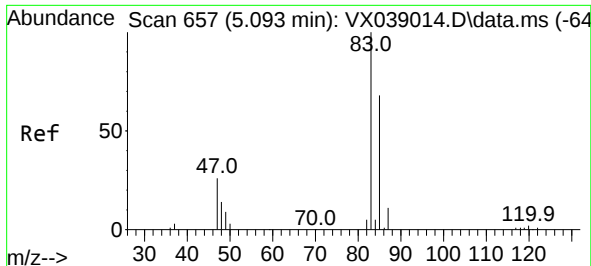
Tgt Ion: 73 Resp: 113635

Ion Ratio Lower Upper

73 100

43 20.5 17.0 25.6





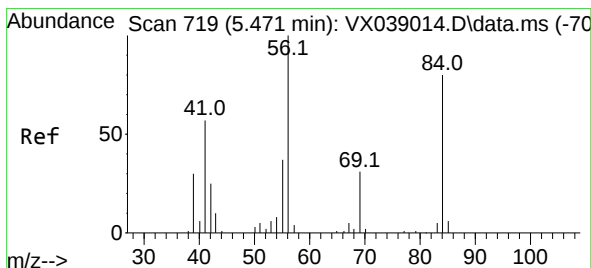
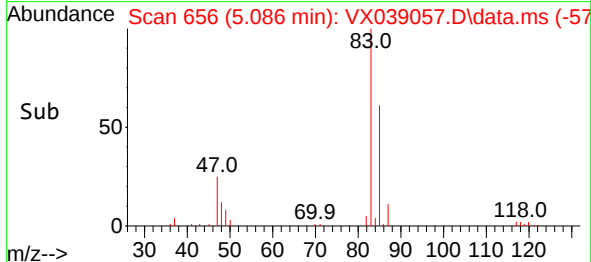
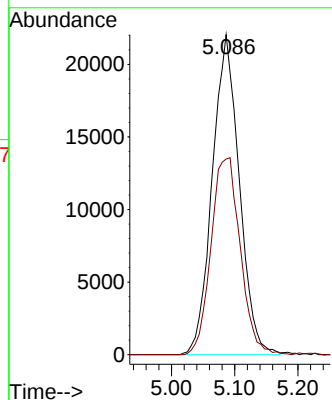
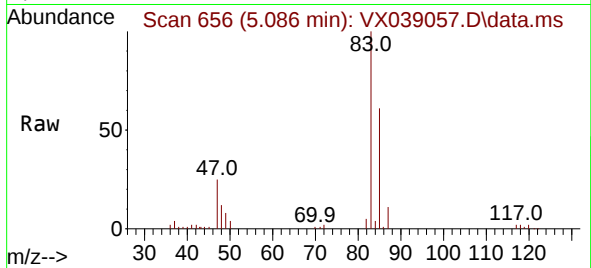
#25
Chloroform
Concen: 19.769 ug/l
RT: 5.086 min Scan# 653
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6531
Ion Ratio Lower Upper
83 100
85 61.1 54.6 81.8

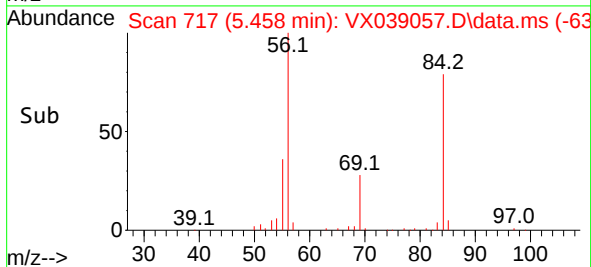
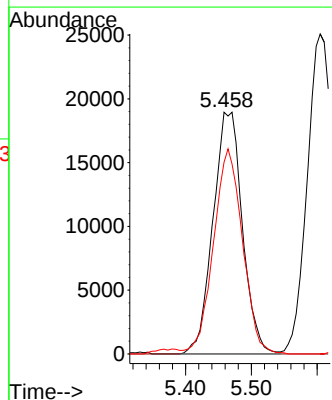
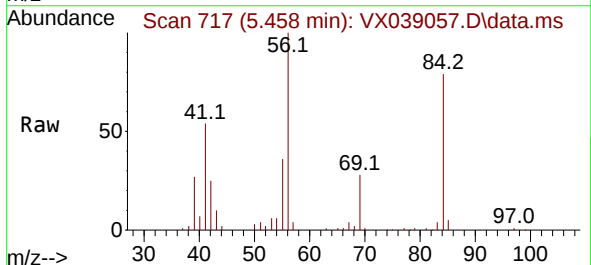
Manual Integrations
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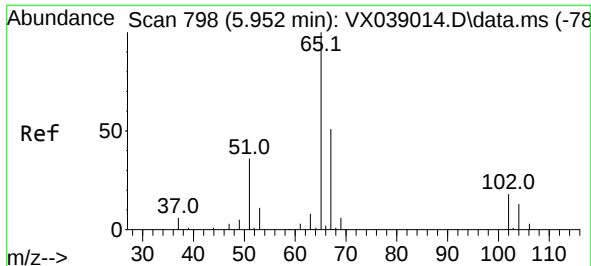
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#26
Cyclohexane
Concen: 19.817 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 56 Resp: 59038
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.6 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 28.667 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 4518

Ion Ratio Lower Upper

65 100

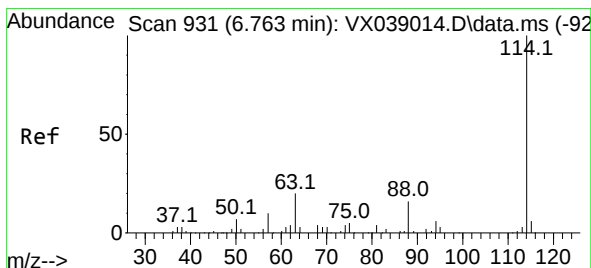
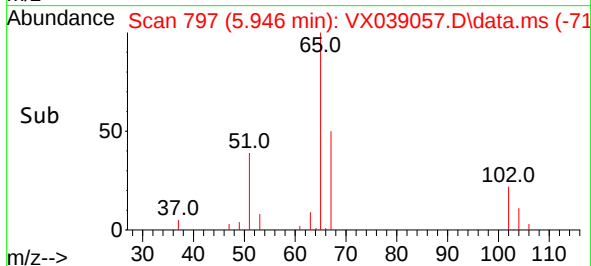
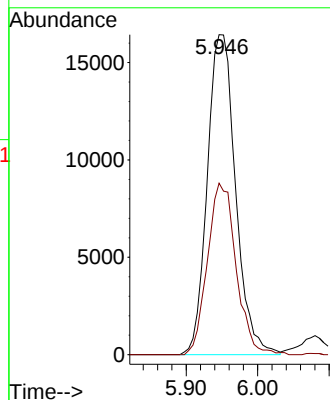
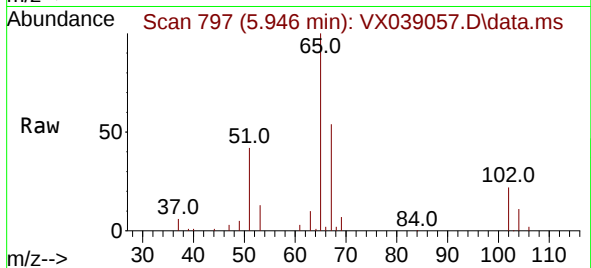
67 53.8 42.5 63.7

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

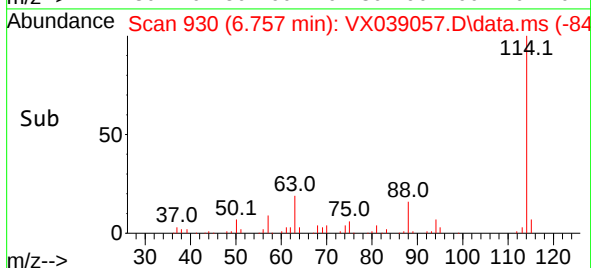
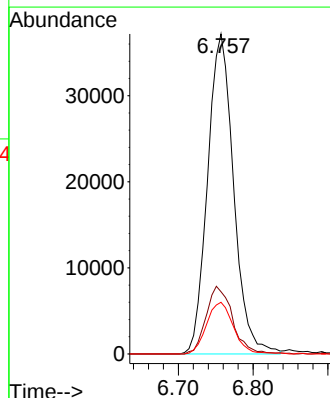
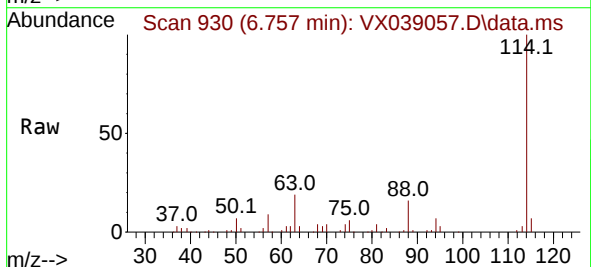
Tgt Ion:114 Resp: 90063

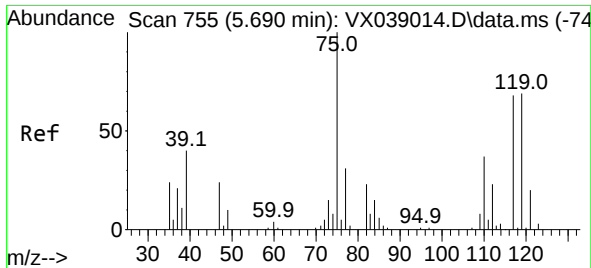
Ion Ratio Lower Upper

114 100

63 21.5 17.0 25.4

88 16.6 12.7 19.1





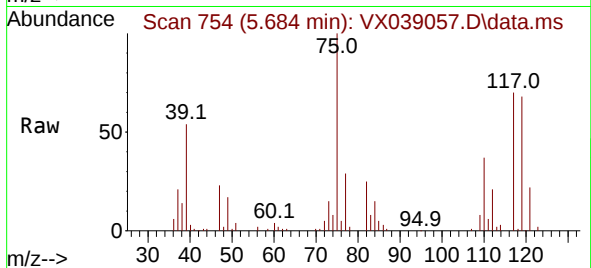
#29
1,1-Dichloropropene
Concen: 20.011 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



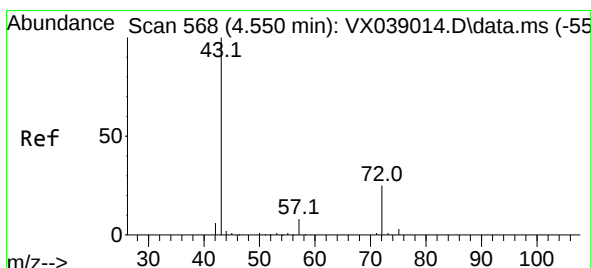
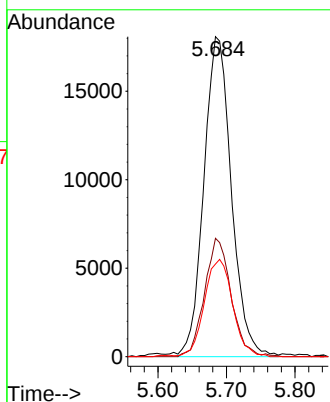
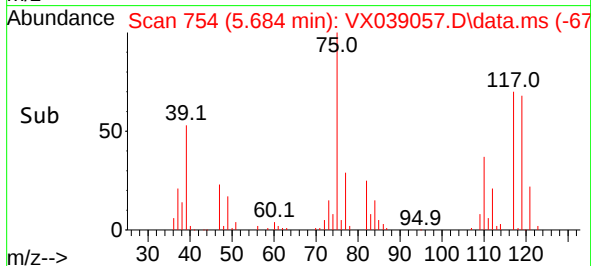
Tgt Ion: 75 Resp: 5052
Ion Ratio Lower Upper
75 100
110 35.3 0.0 71.2
77 30.6 0.0 62.6

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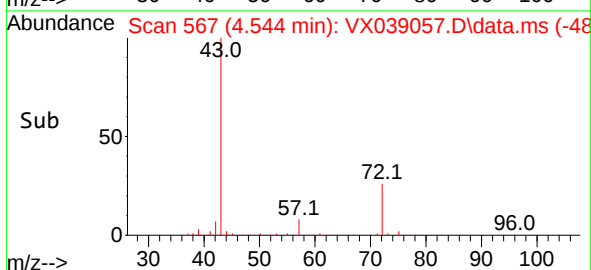
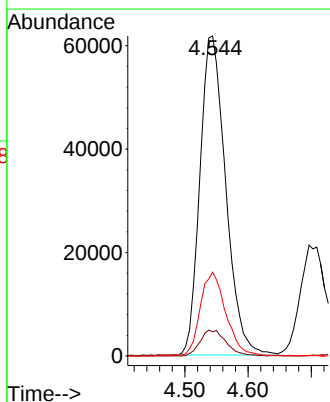
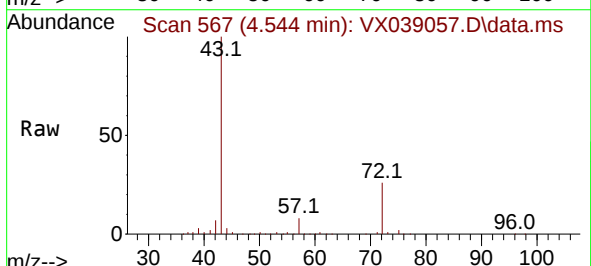
Reviewed By :John Carlone 11/30/2023

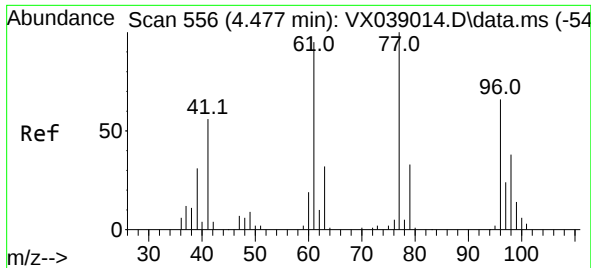
Supervised By :Mahesh Dadoda 11/30/2023



#30
2-Butanone
Concen: 92.057 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 43 Resp: 174988
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 26.0 20.6 31.0





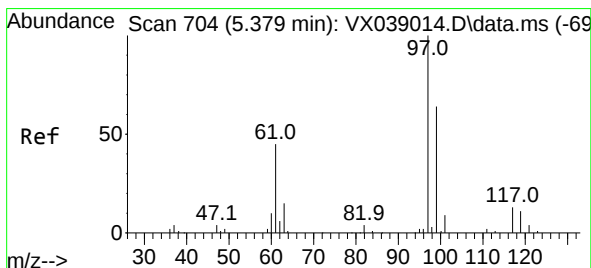
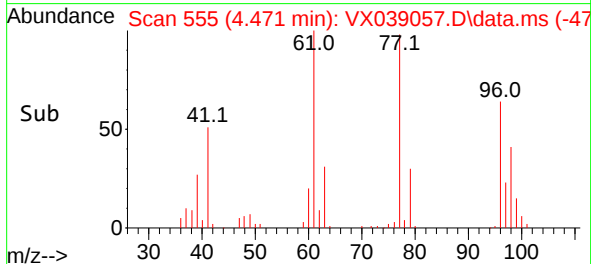
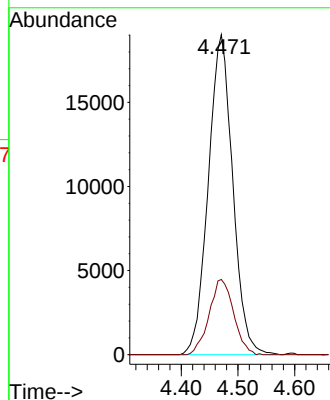
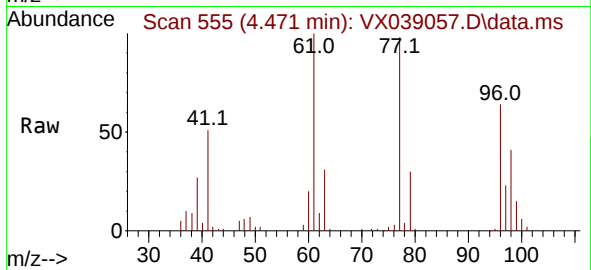
#31
2,2-Dichloropropane
Concen: 19.712 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 5690
Ion Ratio Lower Upper
77 100
97 23.5 18.2 27.4

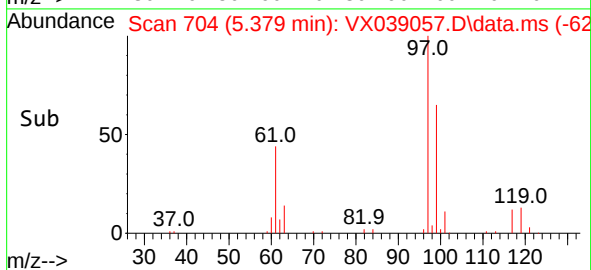
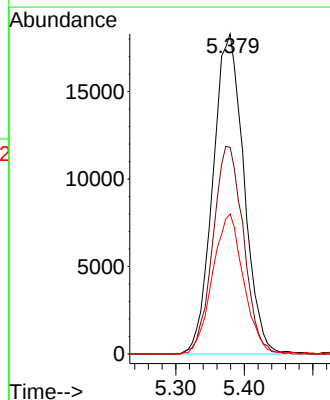
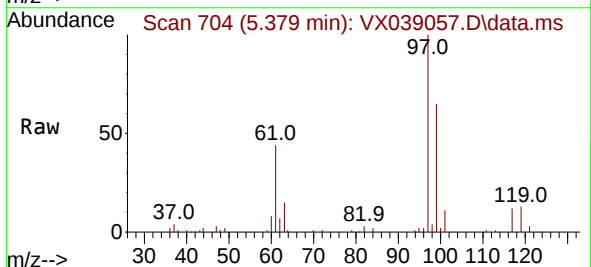
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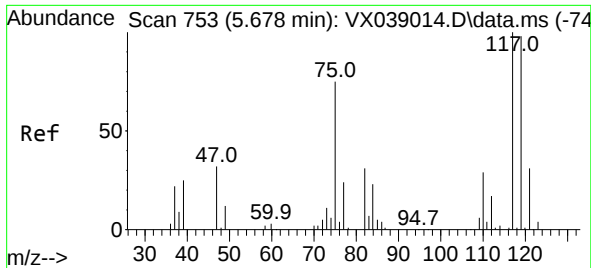
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 19.669 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

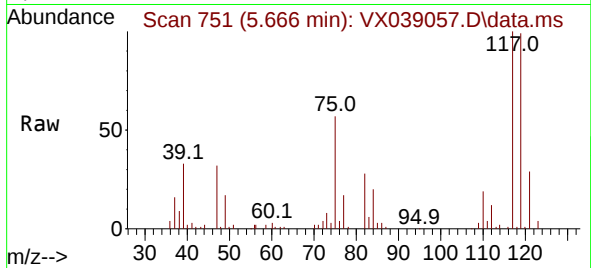
Tgt Ion: 97 Resp: 57397
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 43.8 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.412 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

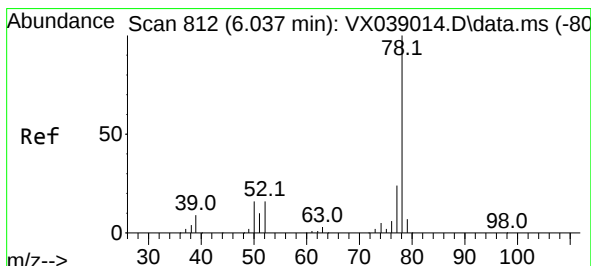
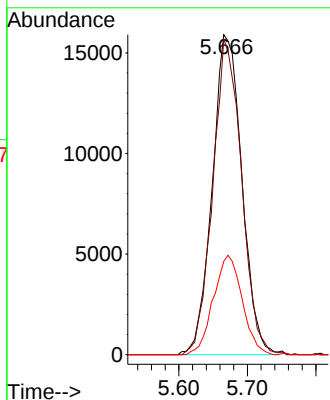
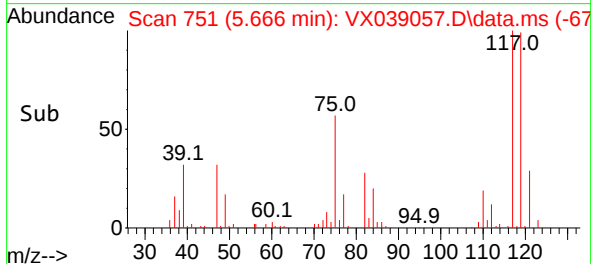
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 47710
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.4
121 29.2 24.7 37.1

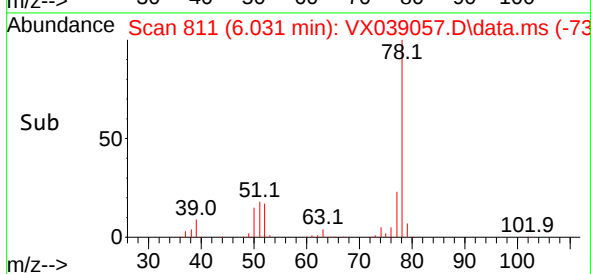
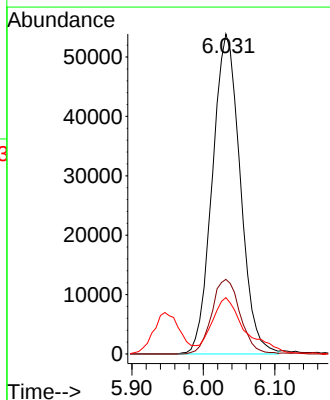
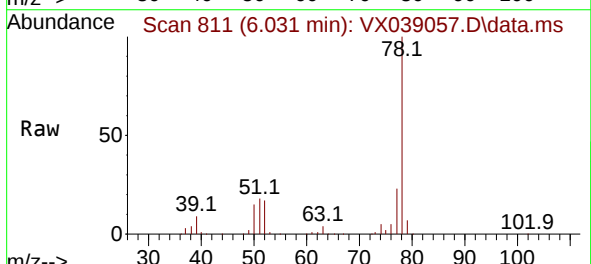
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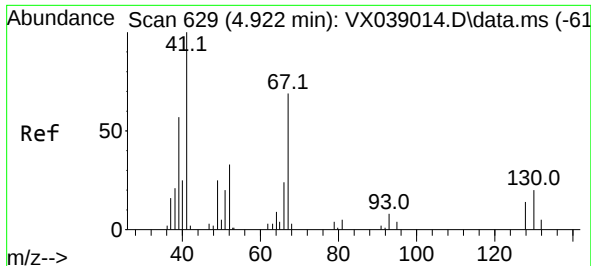
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#34
Benzene
Concen: 19.824 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 78 Resp: 145799
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 15.8 14.4 21.6





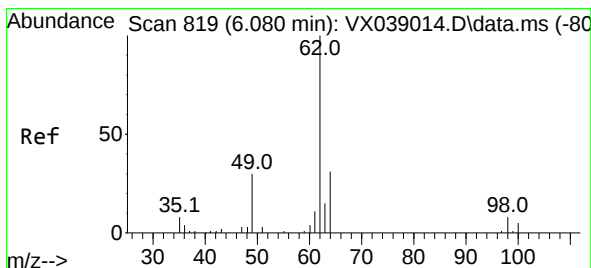
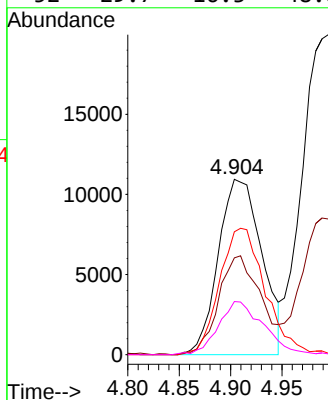
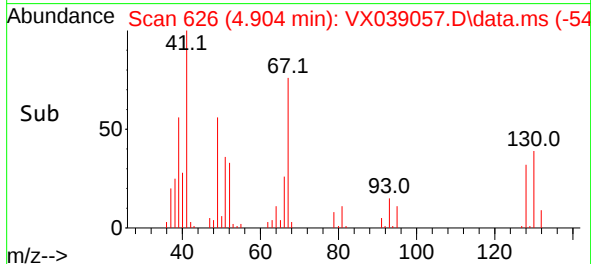
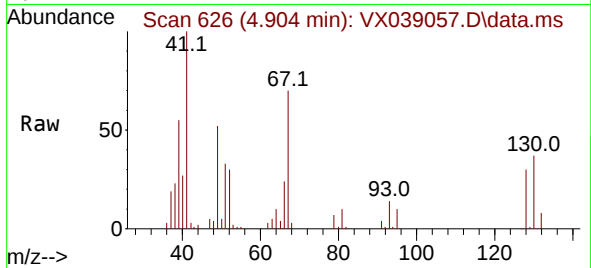
#35
Methacrylonitrile
Concen: 19.207 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 32340
Ion Ratio Lower Upper
41 100
39 55.2 28.2 84.7
67 70.1 34.5 103.5
52 29.7 16.3 48.8

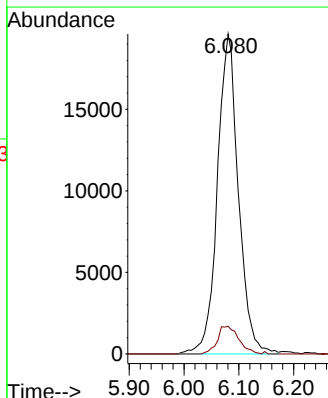
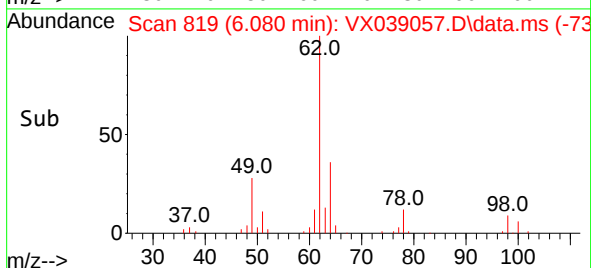
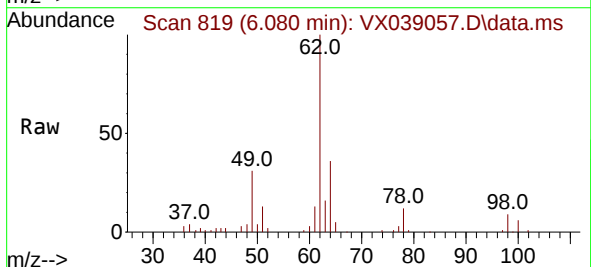
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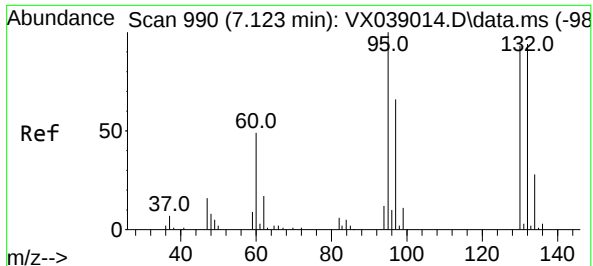
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#36
1,2-Dichloroethane
Concen: 19.364 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 62 Resp: 52257
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.4





#37

Trichloroethene

Concen: 19.535 ug/l

RT: 7.117 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3646

Ion Ratio Lower Upper

130 100

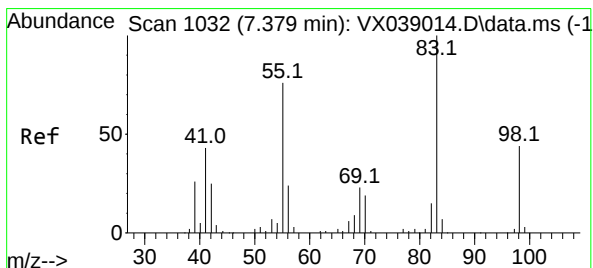
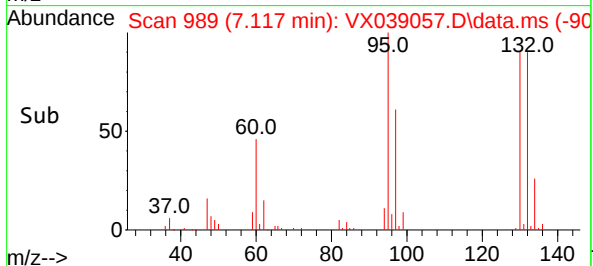
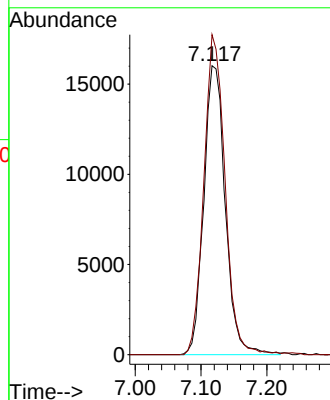
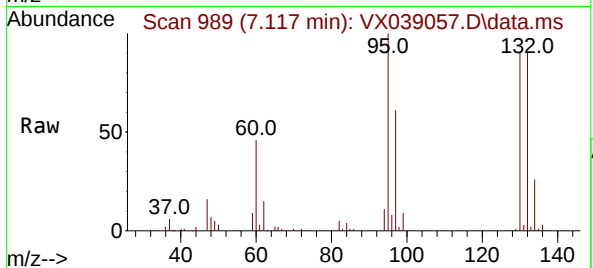
95 110.7 85.8 128.8

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#38

Methylcyclohexane

Concen: 19.689 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

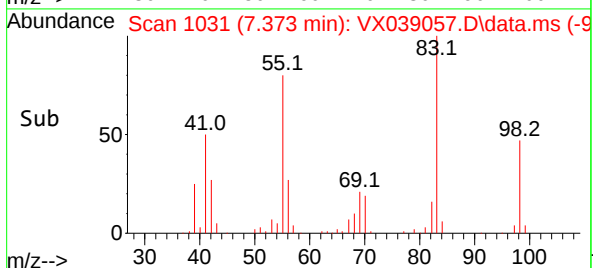
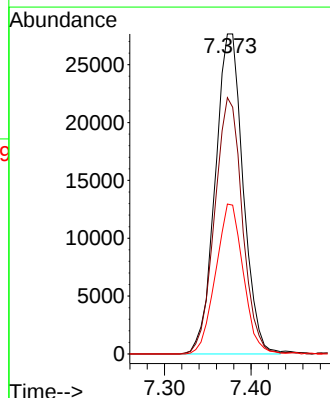
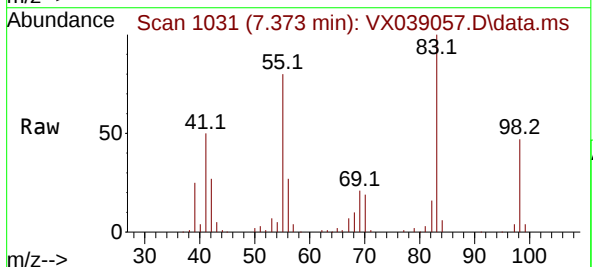
Tgt Ion: 83 Resp: 61937

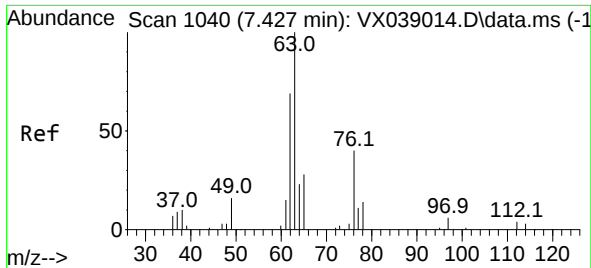
Ion Ratio Lower Upper

83 100

55 79.3 38.6 116.0

98 46.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.051 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3889

Ion Ratio Lower Upper

63 100

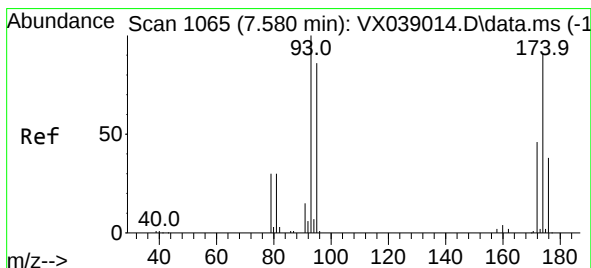
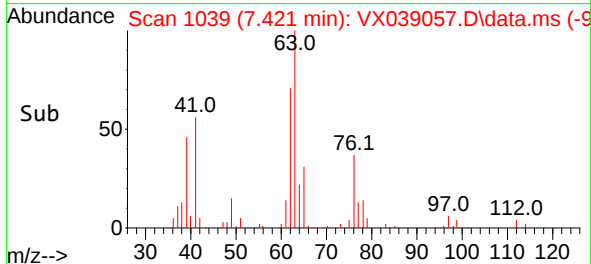
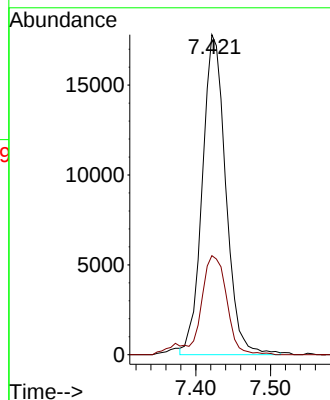
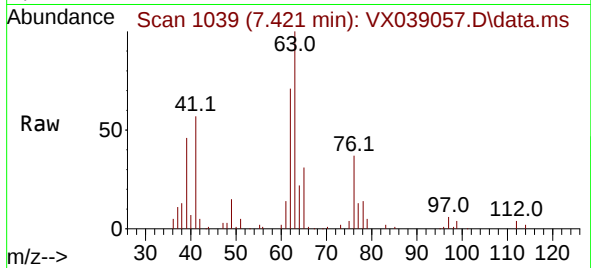
65 31.1 24.6 37.0

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Dibromomethane

Concen: 19.765 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

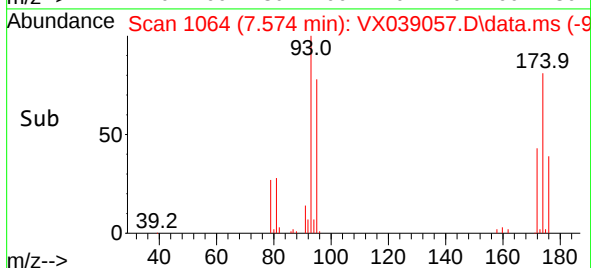
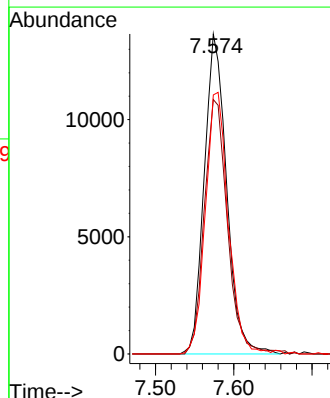
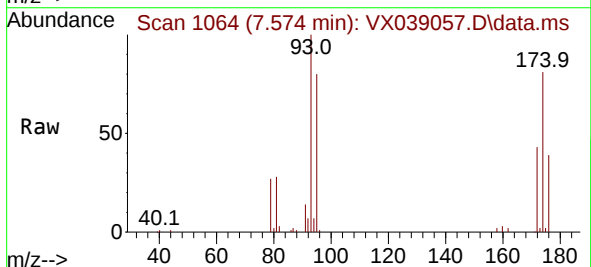
Tgt Ion: 93 Resp: 27087

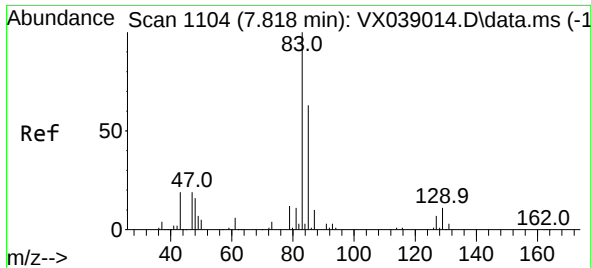
Ion Ratio Lower Upper

93 100

95 81.4 0.0 163.4

174 83.5 0.0 166.4





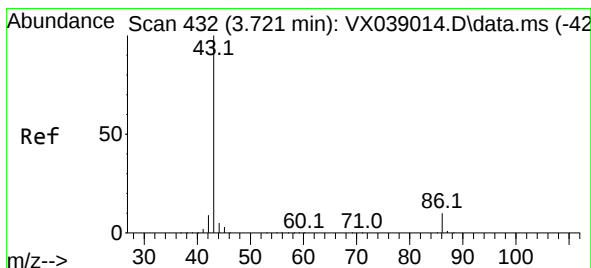
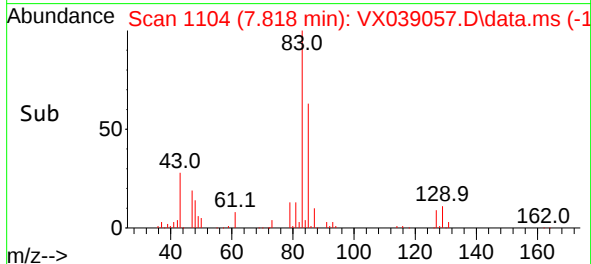
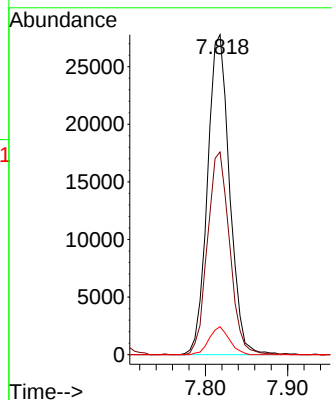
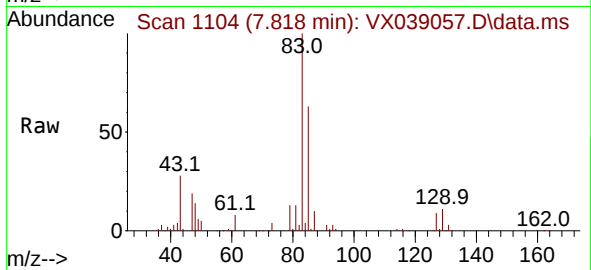
#41
Bromodichloromethane
Concen: 19.674 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 51798
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 8.8 5.9 8.9

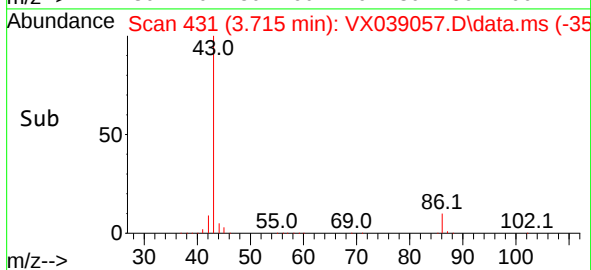
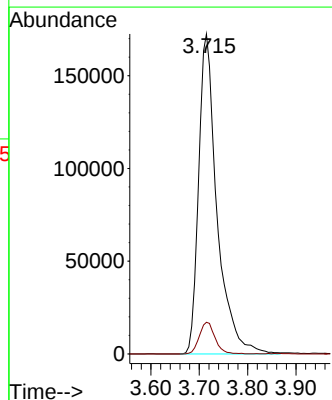
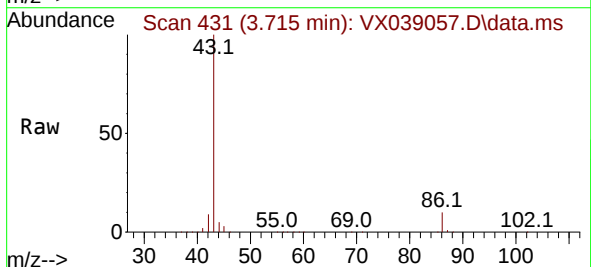
Manual Integrations
APPROVED

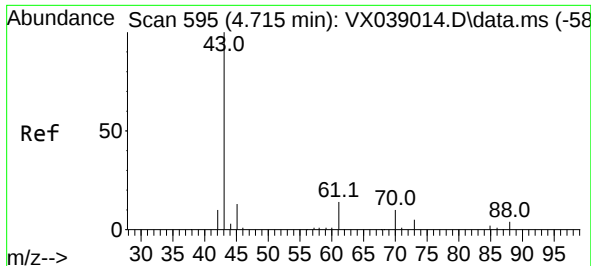
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
Vinyl Acetate
Concen: 100.451 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 43 Resp: 454787
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





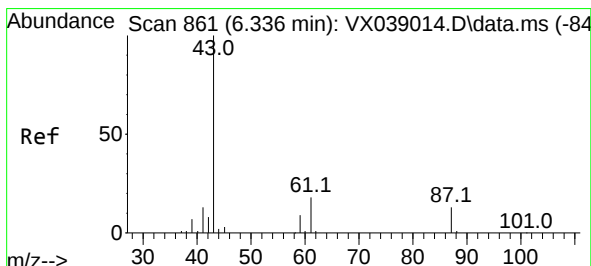
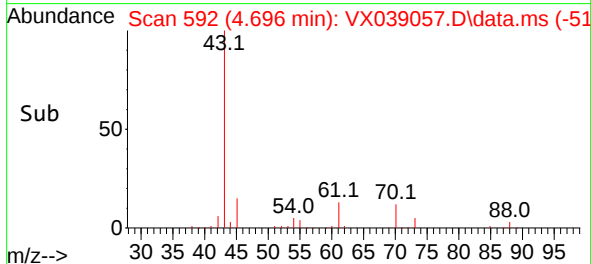
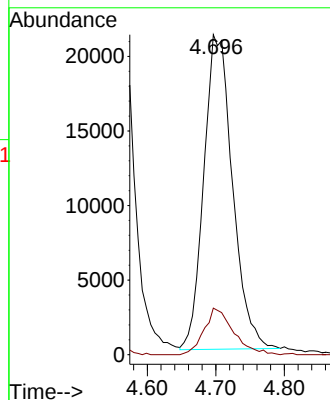
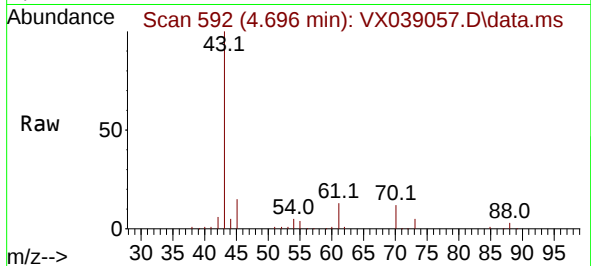
#43
Ethyl Acetate
Concen: 18.790 ug/l
RT: 4.696 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 6144
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

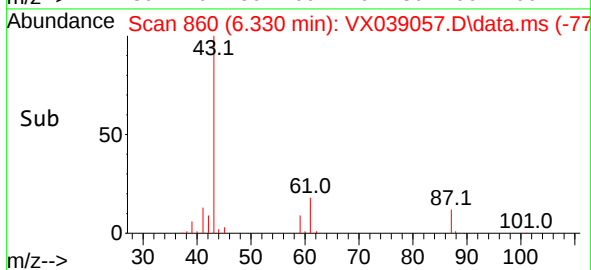
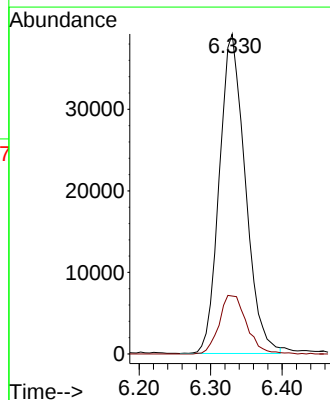
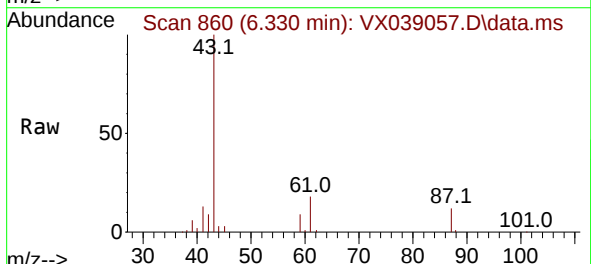
Manual Integrations
APPROVED

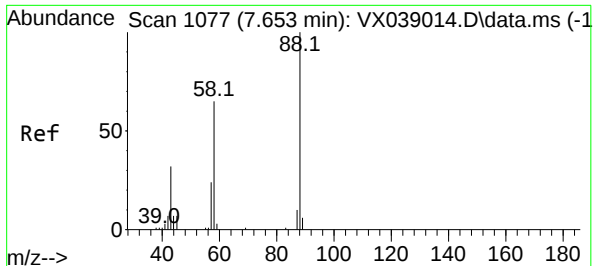
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#44
Isopropyl Acetate
Concen: 19.125 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

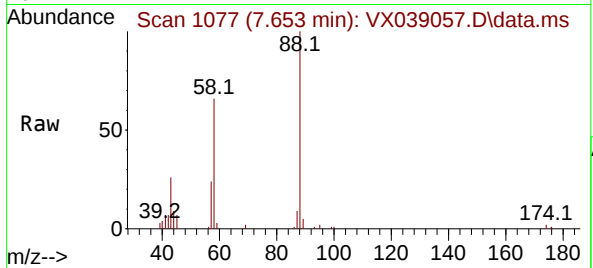
Tgt Ion: 43 Resp: 98596
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





#45
1,4-Dioxane
Concen: 298.434 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

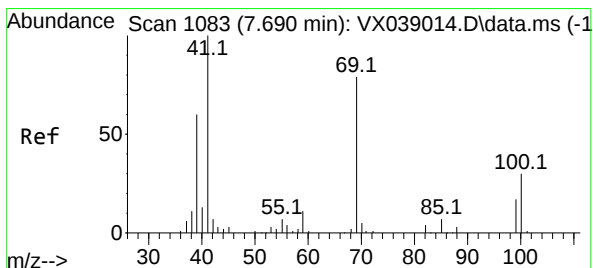
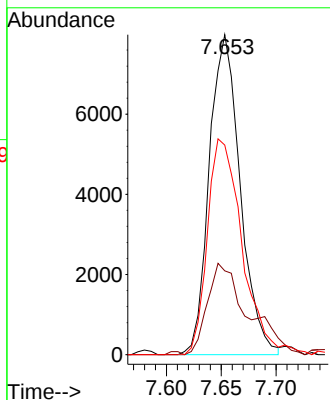
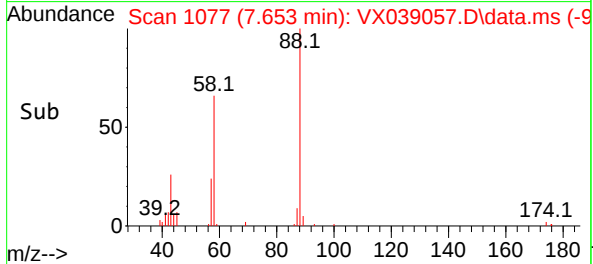
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



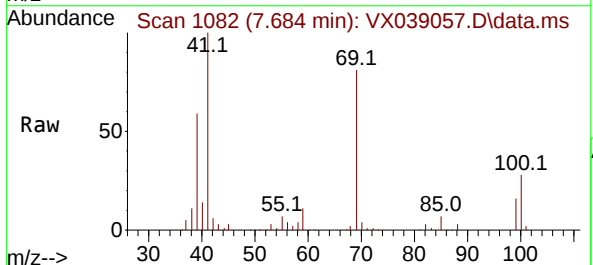
Tgt Ion: 88 Resp: 15700
Ion Ratio Lower Upper
88 100
43 29.5 28.1 42.1
58 74.3 57.7 86.5

Manual Integrations
APPROVED

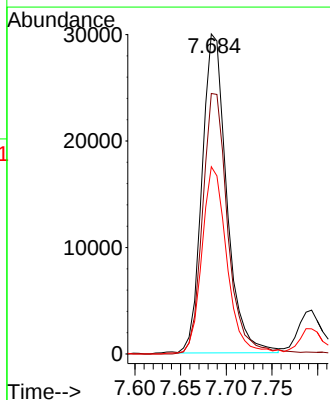
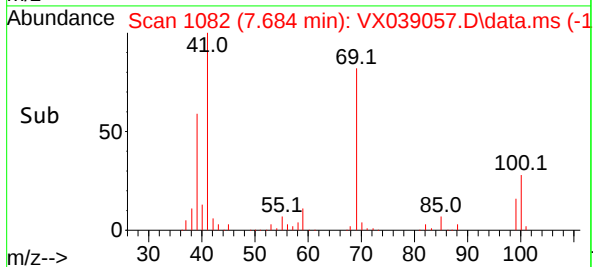
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

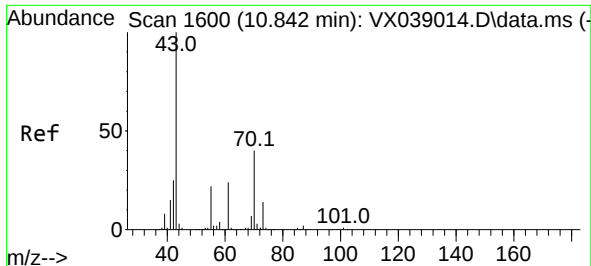


#46
Methyl methacrylate
Concen: 19.099 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



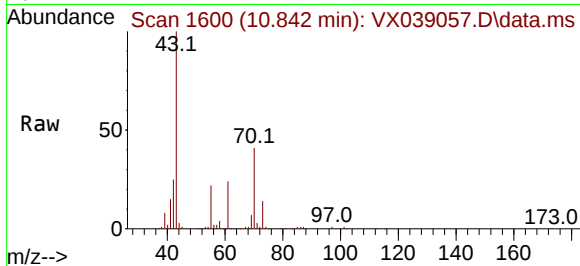
Tgt Ion: 41 Resp: 56295
Ion Ratio Lower Upper
41 100
69 81.5 39.6 118.8
39 58.4 30.1 90.3





#47
n-amyl acetate
Concen: 18.825 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

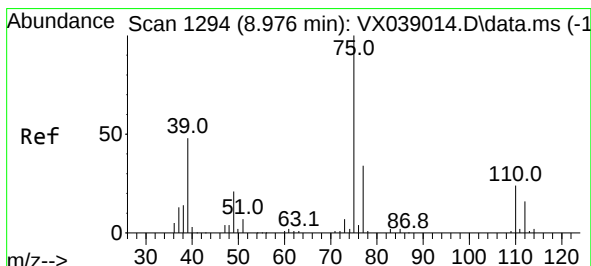
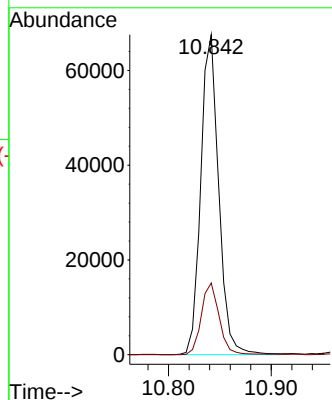
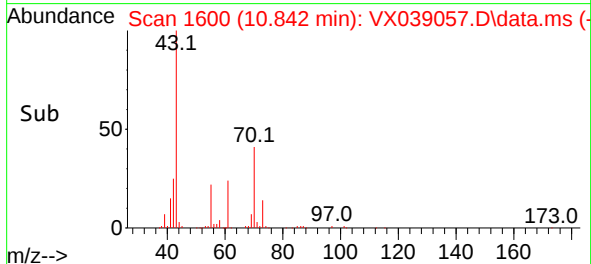
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



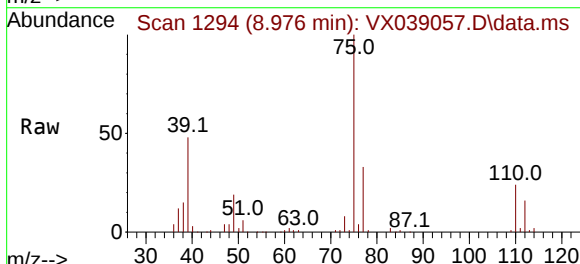
Tgt Ion: 43 Resp: 8214
Ion Ratio Lower Upper
43 100
55 22.4 18.2 27.2

Manual Integrations
APPROVED

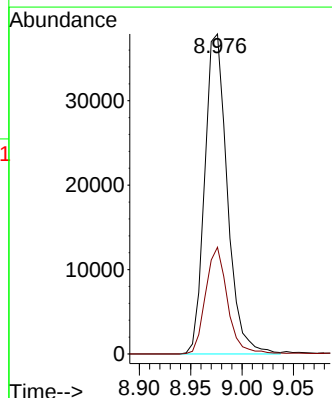
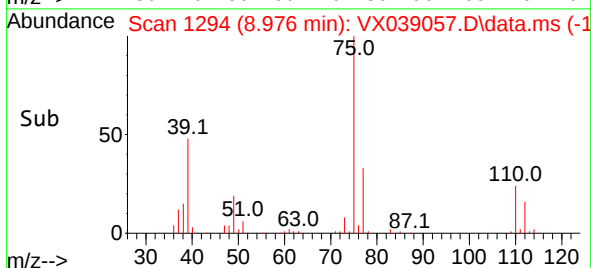
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

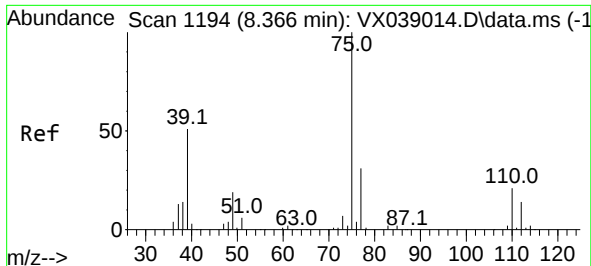


#48
t-1,3-Dichloropropene
Concen: 19.033 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
77 33.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.866 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 6256

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6

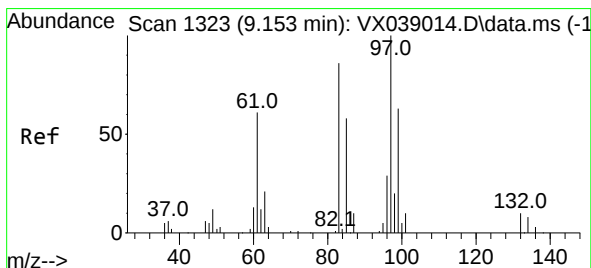
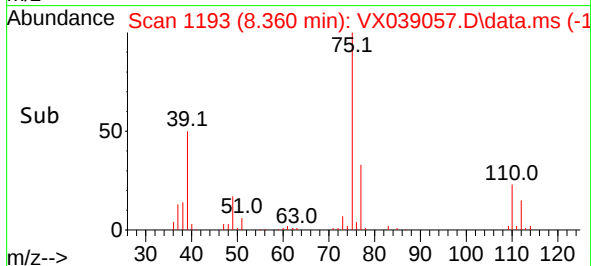
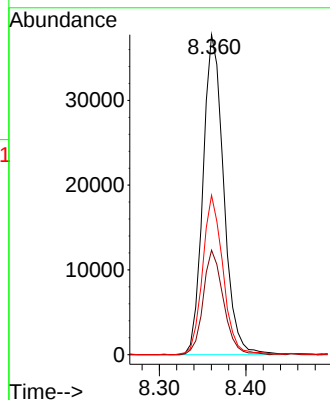
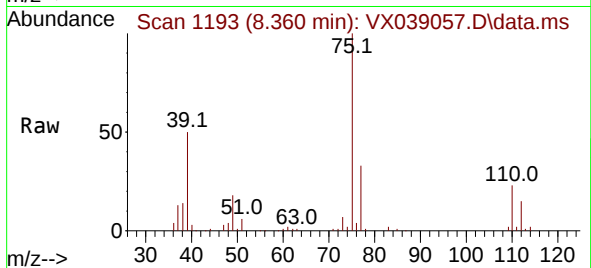
39 49.6 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#50

1,1,2-Trichloroethane

Concen: 20.061 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion: 97 Resp: 37348

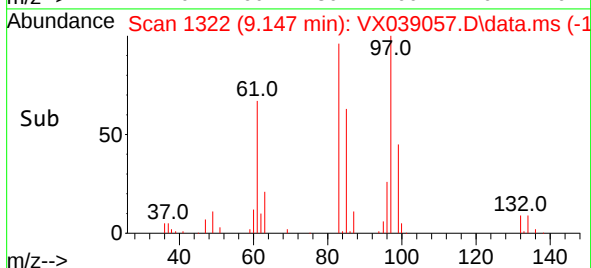
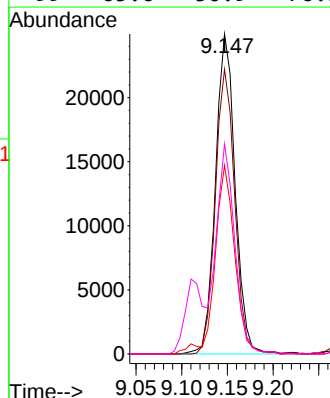
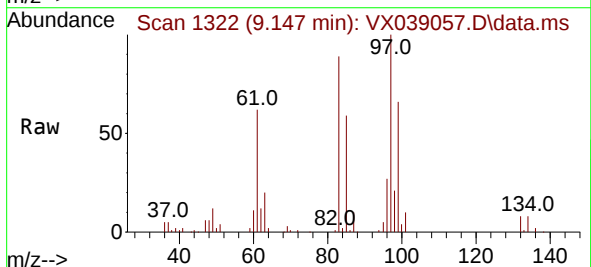
Ion Ratio Lower Upper

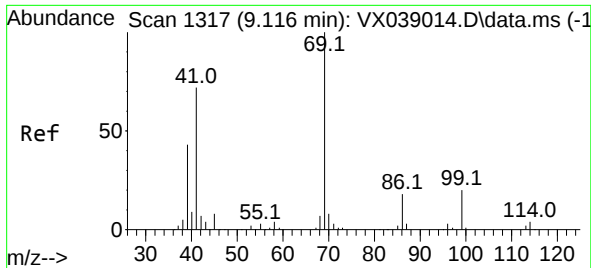
97 100

83 88.9 69.0 103.6

85 58.9 46.3 69.5

99 65.6 50.9 76.3





#51
Ethyl methacrylate
Concen: 19.864 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

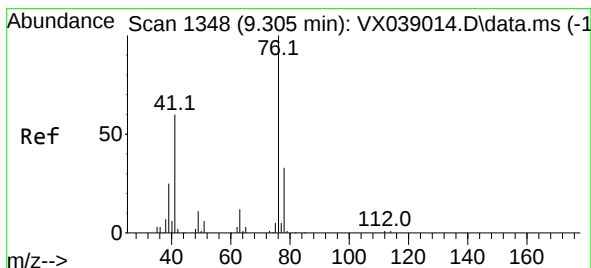
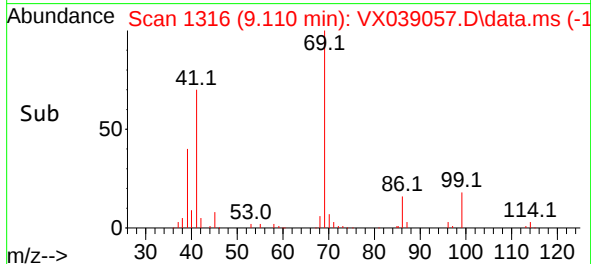
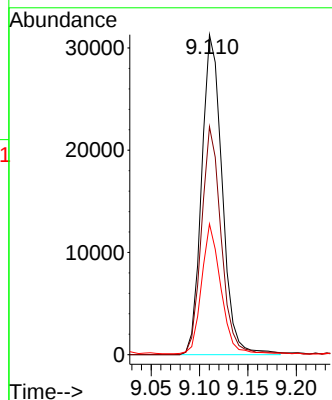
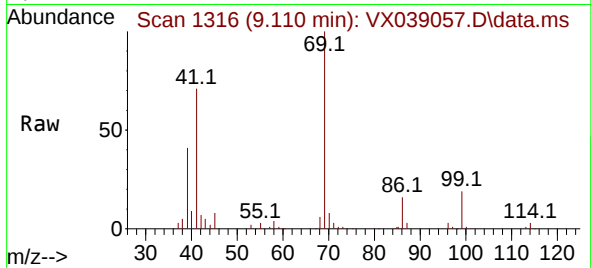
VSTDCCC020EC

Tgt Ion: 69 Resp: 4629
Ion Ratio Lower Upper
69 100
41 71.3 36.2 108.6
39 40.4 21.1 63.4

Manual Integrations

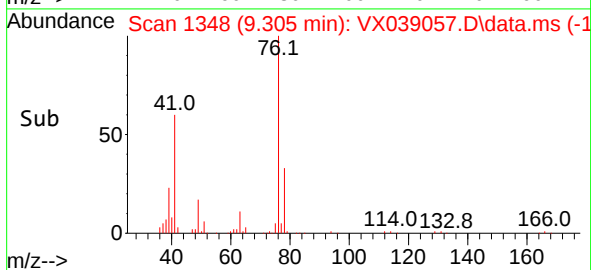
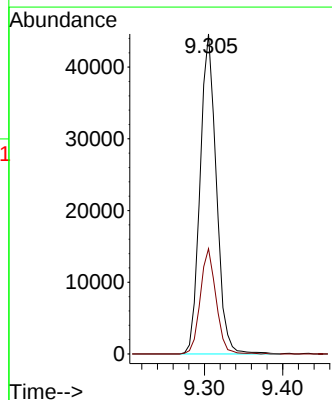
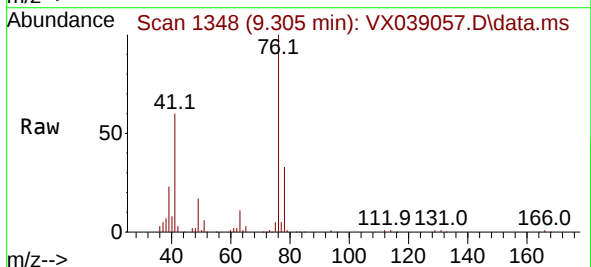
APPROVED

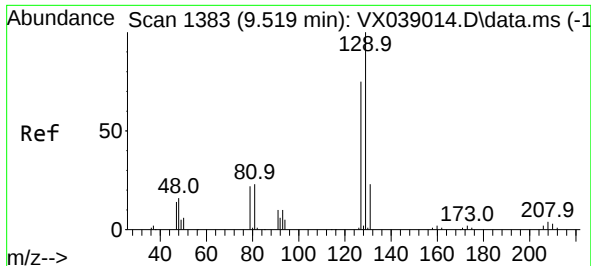
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
1,3-Dichloropropane
Concen: 20.185 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 76 Resp: 64434
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0





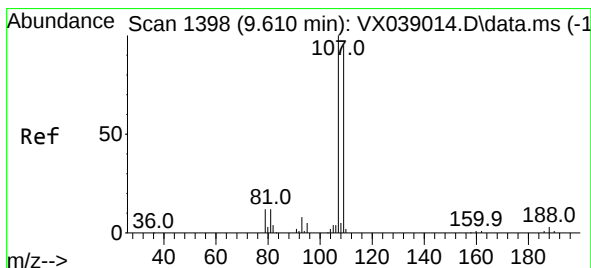
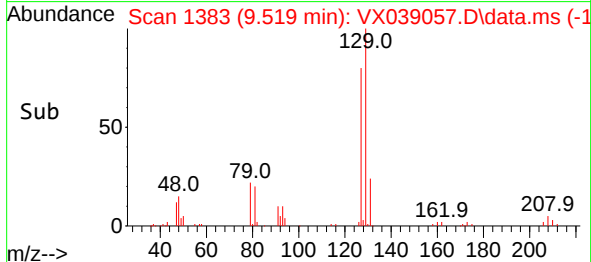
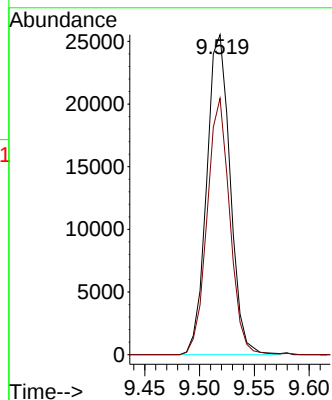
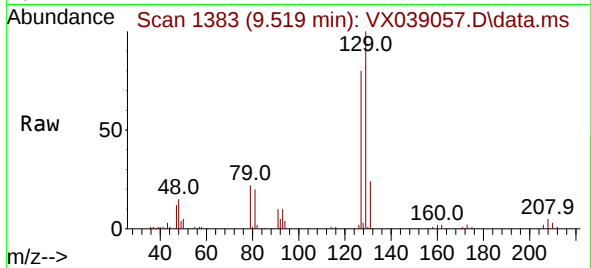
#53
Dibromochloromethane
Concen: 19.059 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 3810
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

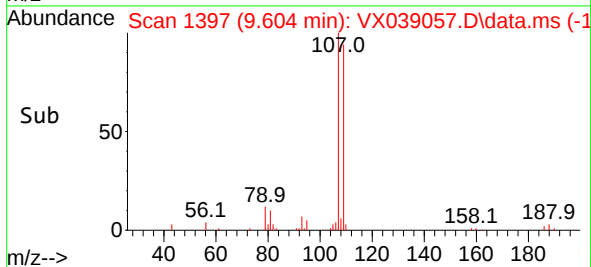
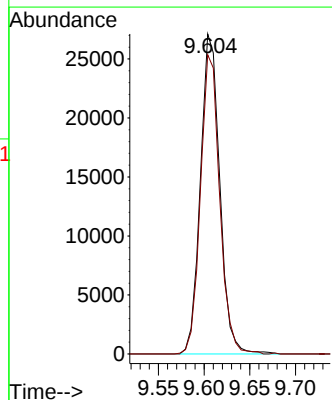
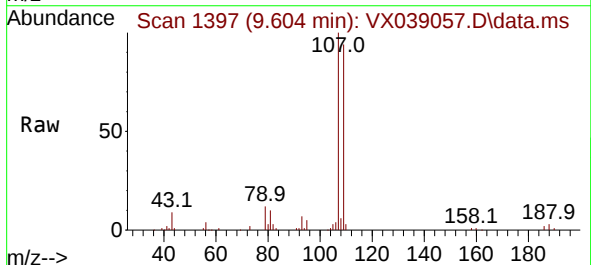
Manual Integrations
APPROVED

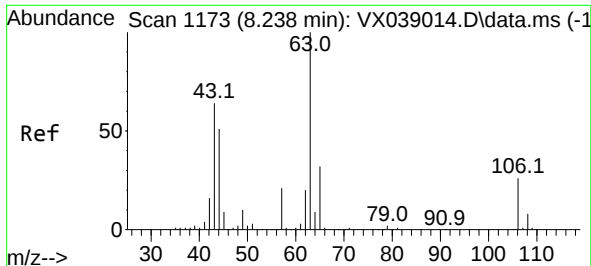
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#54
1,2-Dibromoethane
Concen: 19.514 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:107 Resp: 39839
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





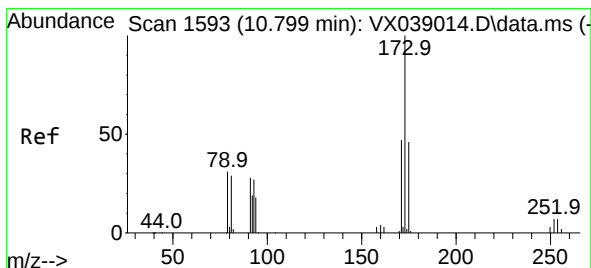
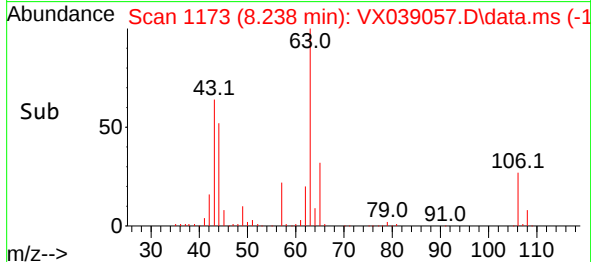
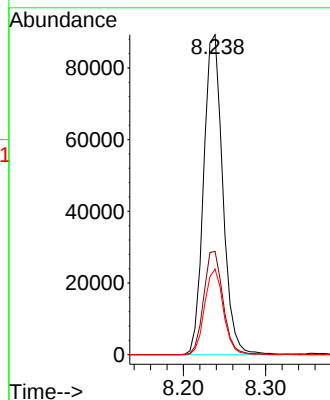
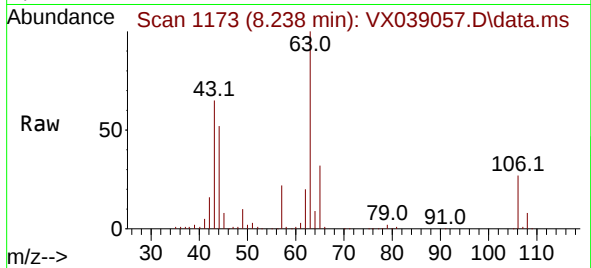
#55
2-Chloroethyl vinyl ether
Concen: 97.696 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 144308
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 26.2 20.6 31.0

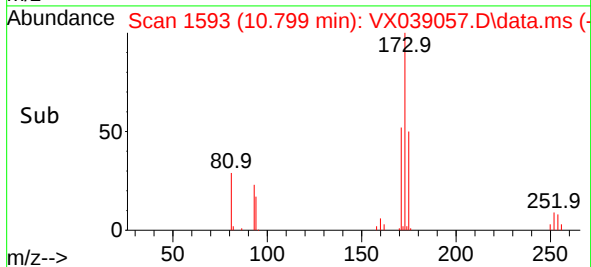
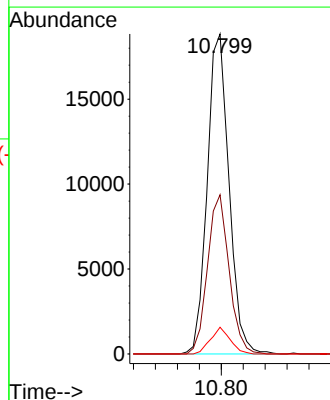
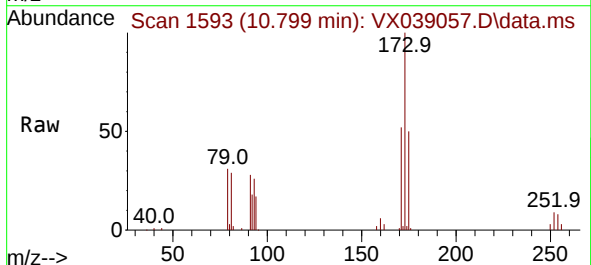
Manual Integrations
APPROVED

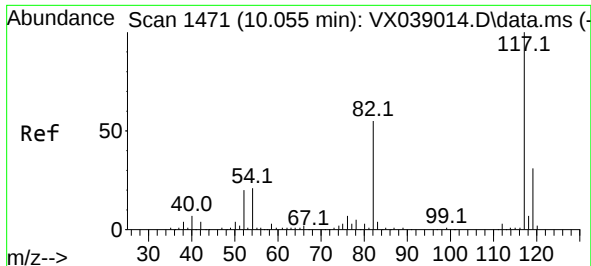
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#56
Bromoform
Concen: 18.004 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:173 Resp: 25980
Ion Ratio Lower Upper
173 100
175 49.3 37.6 56.4
254 7.5 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

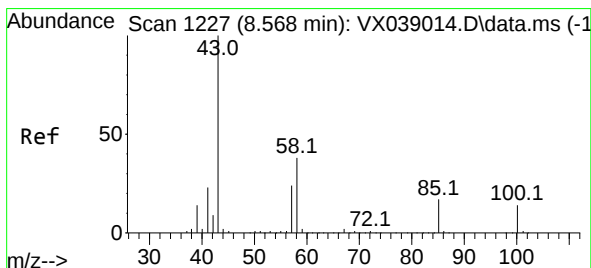
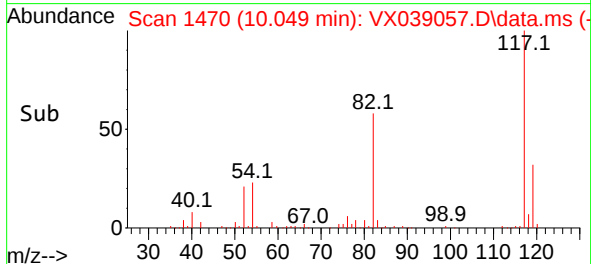
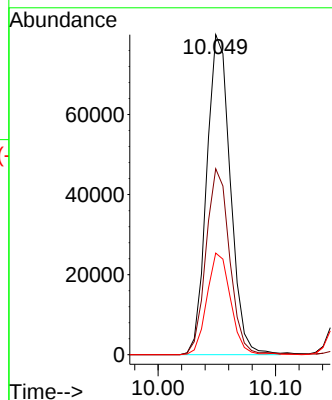
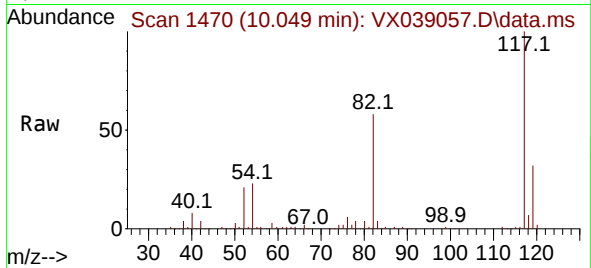
VSTDCCC020EC

Tgt Ion:117 Resp: 111959
Ion Ratio Lower Upper
117 100
82 57.7 47.0 70.6
119 31.6 25.2 37.8

Manual Integrations

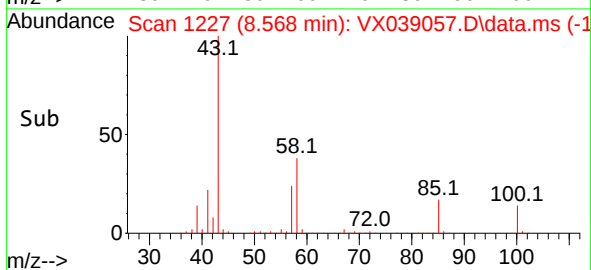
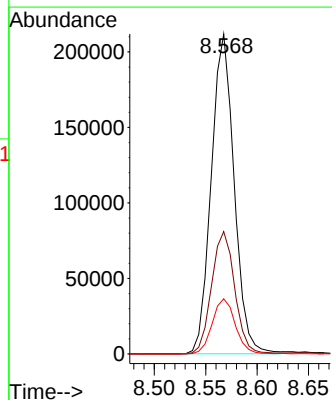
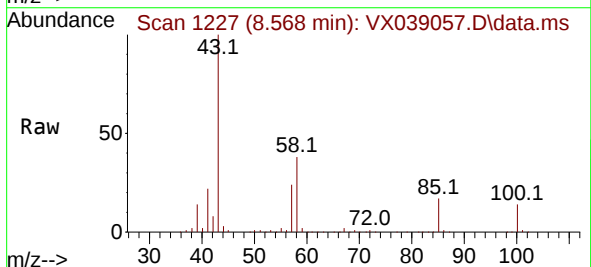
APPROVED

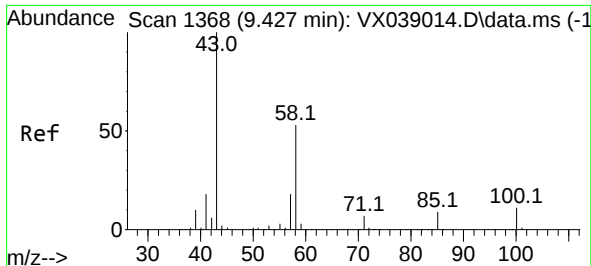
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#58
4-Methyl-2-Pentanone
Concen: 96.458 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

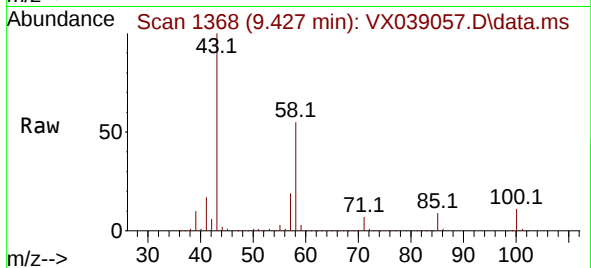
Tgt Ion: 43 Resp: 327489
Ion Ratio Lower Upper
43 100
58 38.8 30.1 45.1
85 17.4 13.9 20.9





#59
2-Hexanone
Concen: 93.974 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

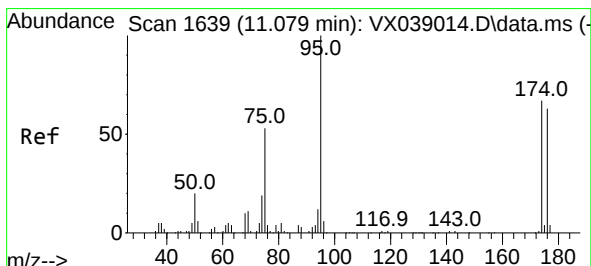
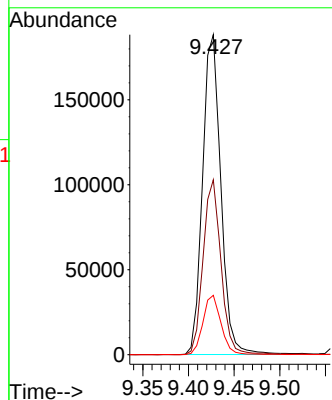
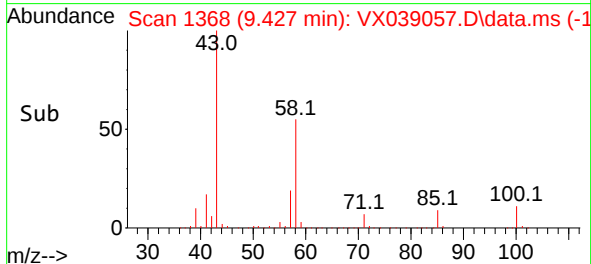
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 261892
Ion Ratio Lower Upper
43 100
58 53.2 42.7 64.1
57 18.4 14.8 22.2

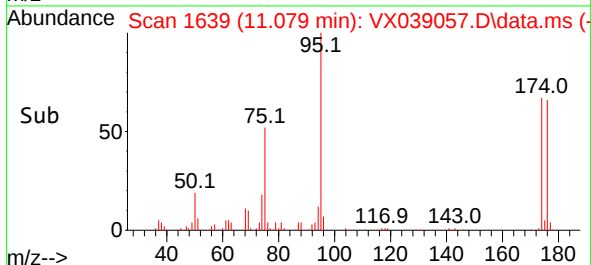
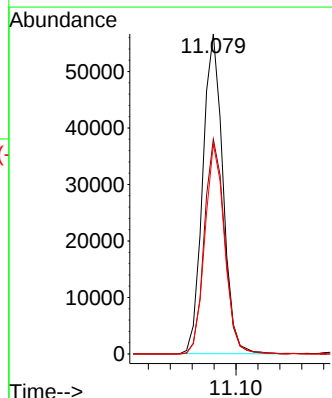
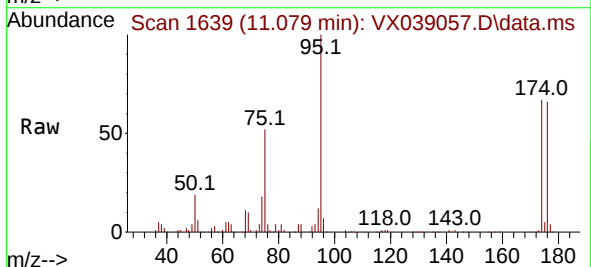
Manual Integrations
APPROVED

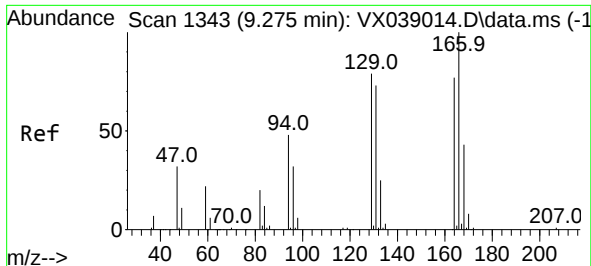
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
4-Bromofluorobenzene
Concen: 29.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

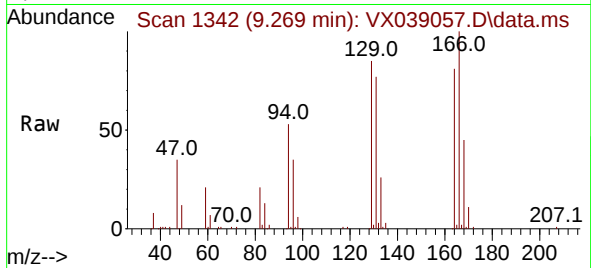
Tgt Ion: 95 Resp: 72142
Ion Ratio Lower Upper
95 100
174 67.6 55.4 83.2
176 64.7 52.6 78.8





#61
Tetrachloroethene
Concen: 19.985 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

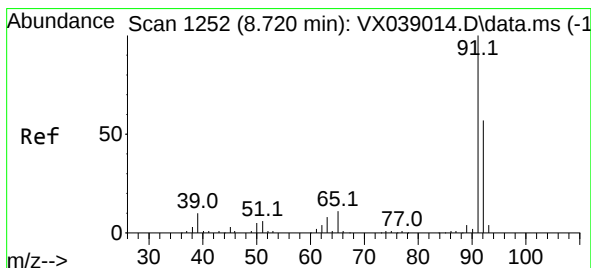
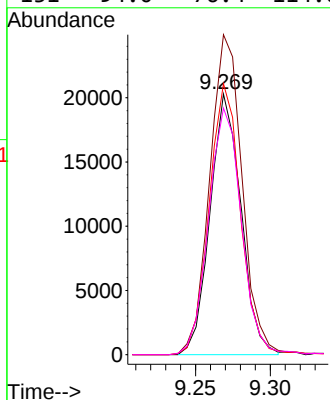
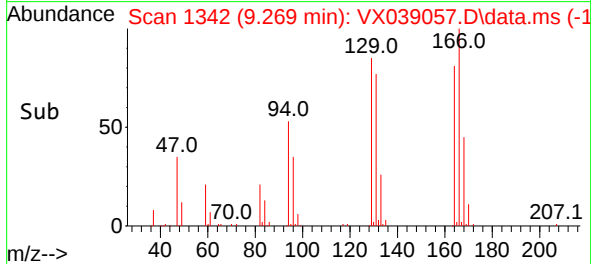
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 2909
Ion Ratio Lower Upper
164 100
166 122.4 104.0 156.0
129 103.4 82.0 123.0
131 94.0 76.4 114.6

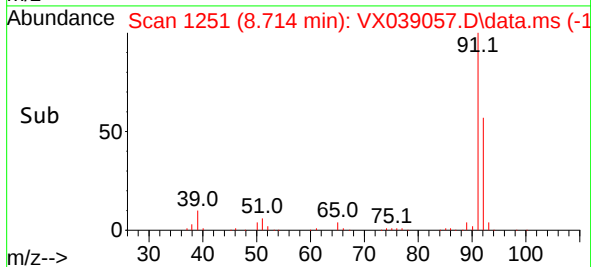
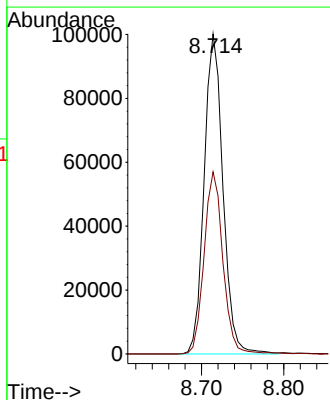
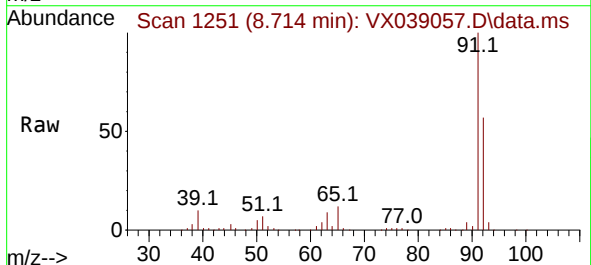
Manual Integrations
APPROVED

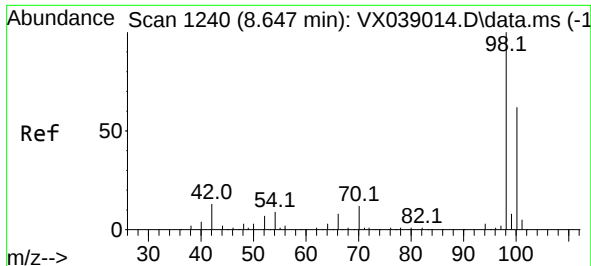
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
Toluene
Concen: 20.012 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

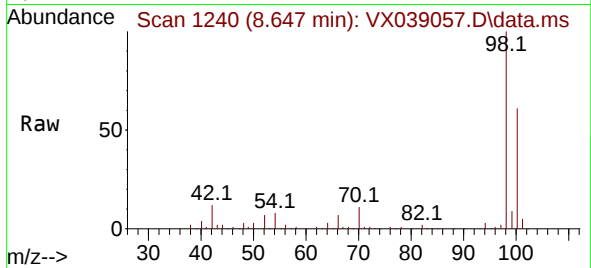
Tgt Ion: 91 Resp: 159068
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9





#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

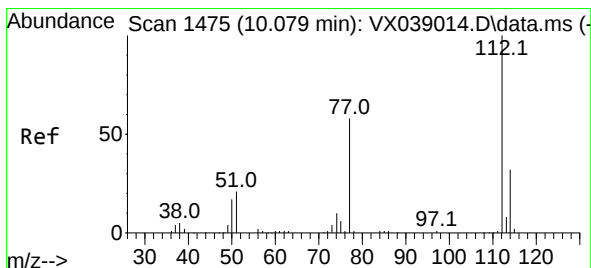
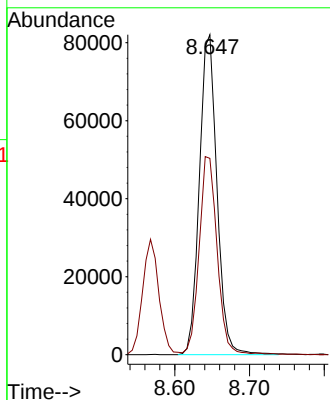
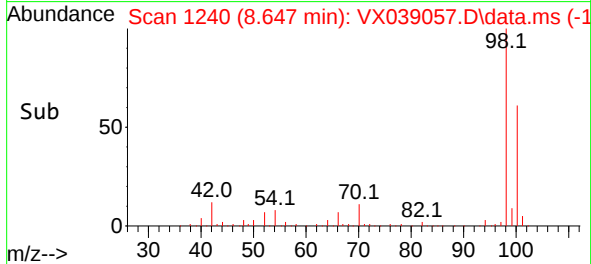
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



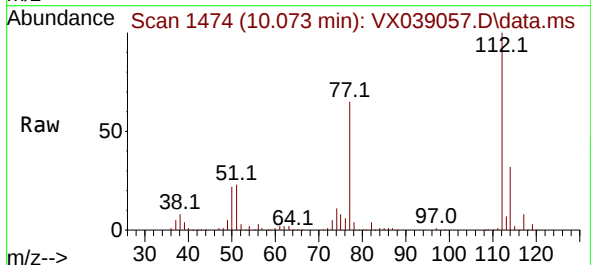
Tgt Ion: 98 Resp: 134200
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

Manual Integrations
APPROVED

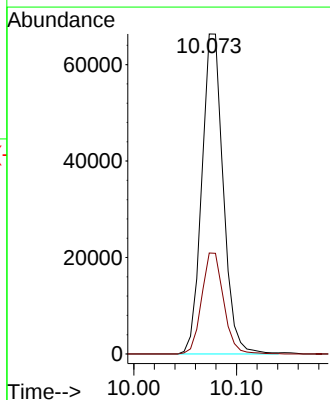
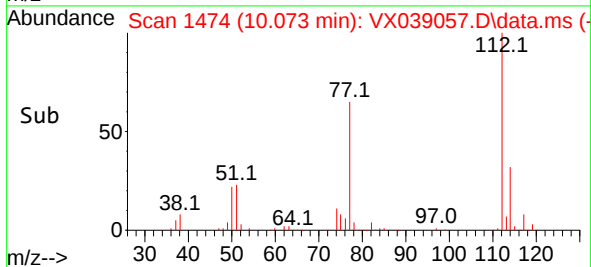
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

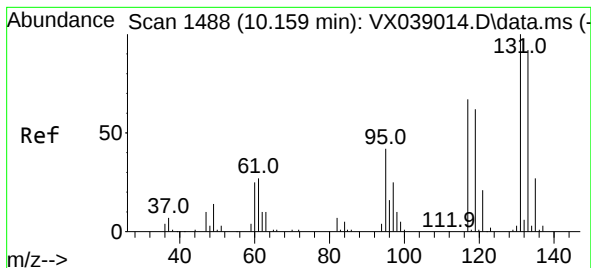


#64
Chlorobenzene
Concen: 19.903 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



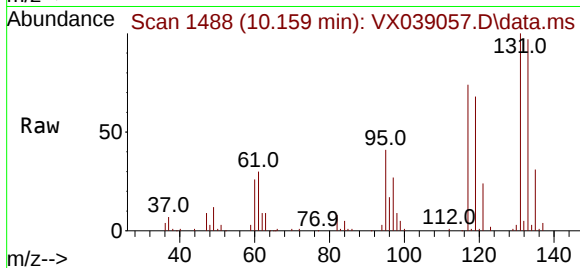
Tgt Ion:112 Resp: 96230
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

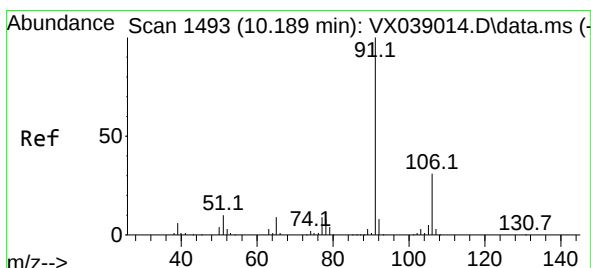
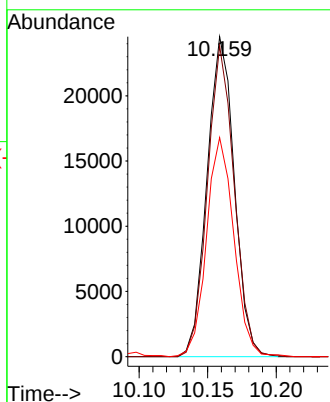
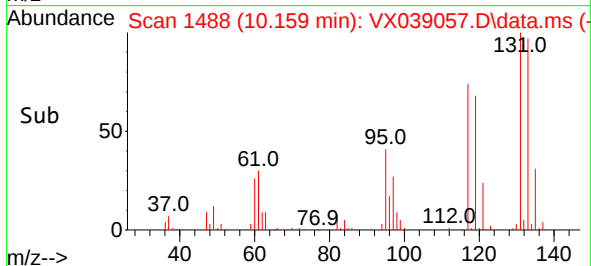
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 34010
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.8
119 68.5 0.0 135.4

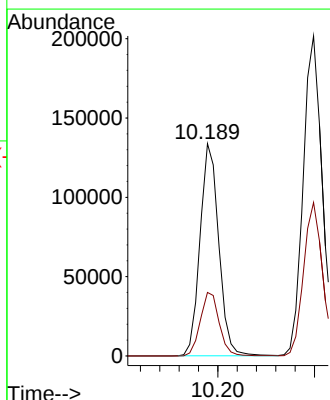
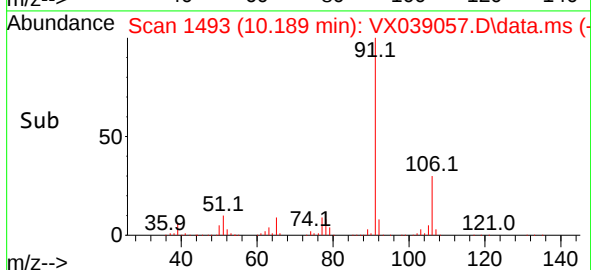
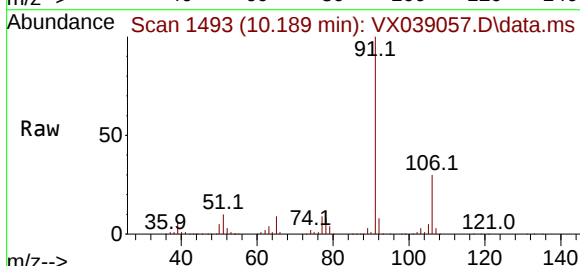
Manual Integrations
APPROVED

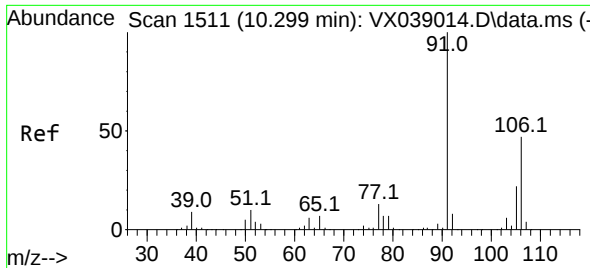
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#66
Ethyl Benzene
Concen: 19.942 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 91 Resp: 180495
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





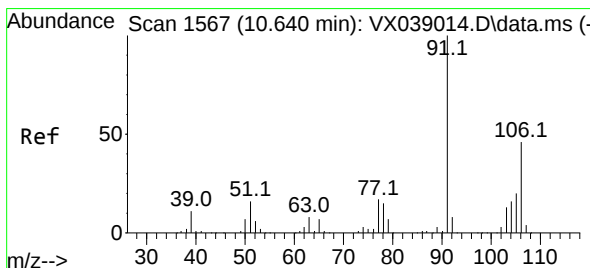
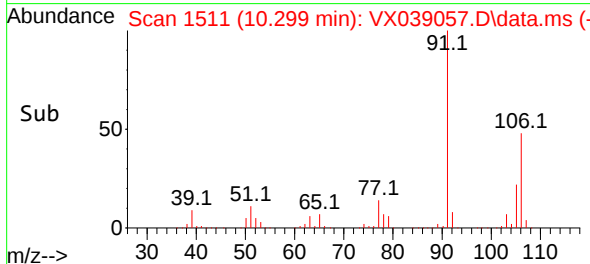
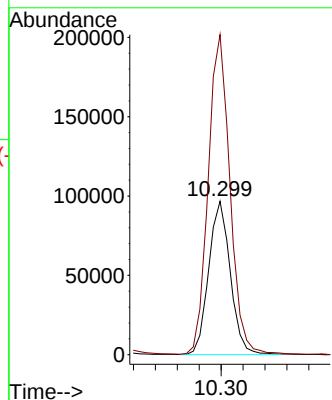
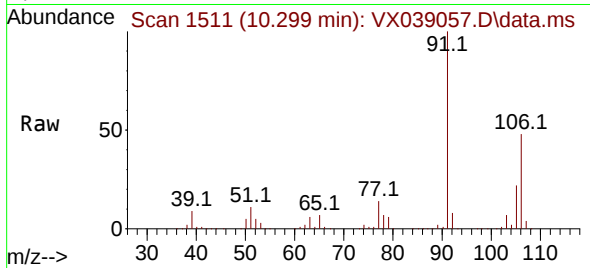
#67
m/p-Xylenes
Concen: 39.663 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 13265
Ion Ratio Lower Upper
106 100
91 210.0 169.4 254.0

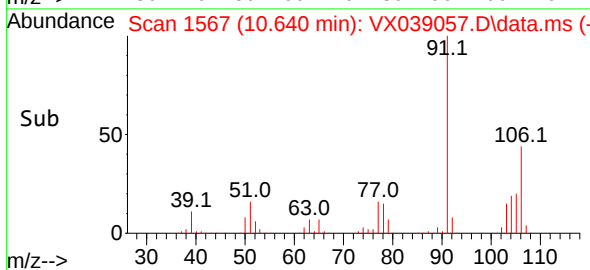
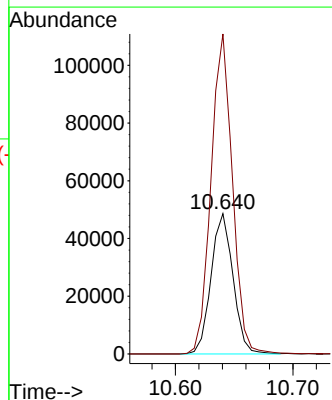
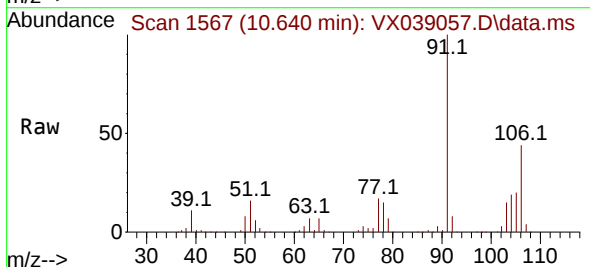
Manual Integrations
APPROVED

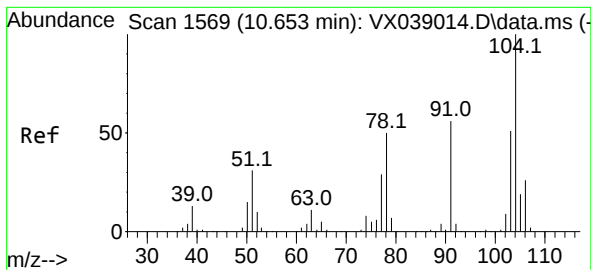
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
o-Xylene
Concen: 19.544 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:106 Resp: 63318
Ion Ratio Lower Upper
106 100
91 221.7 111.2 333.6





#69

Styrene

Concen: 19.554 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

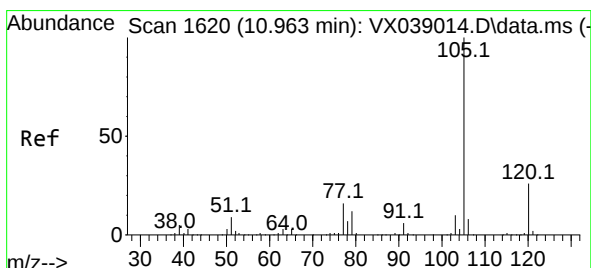
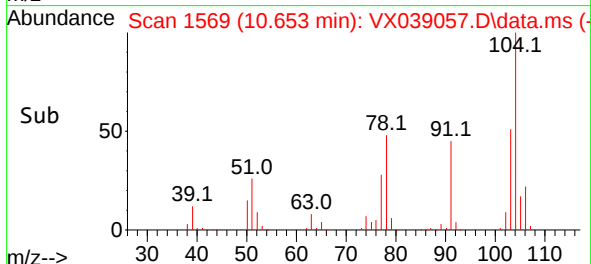
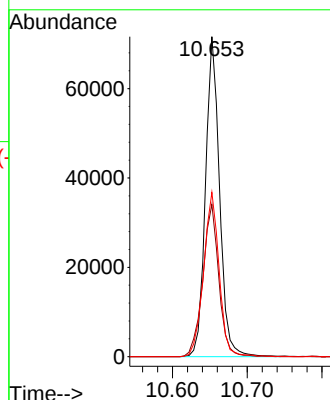
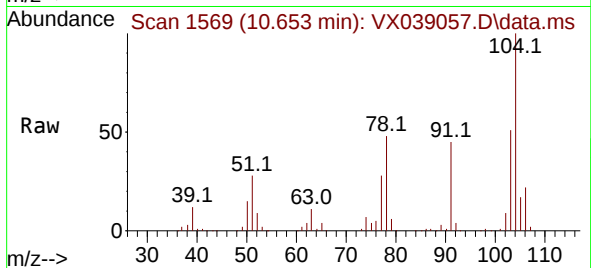
Tgt Ion:104 Resp: 9375
 Ion Ratio Lower Upper
 104 100
 78 54.2 43.7 65.5
 103 56.7 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#70

Isopropylbenzene

Concen: 19.884 ug/l

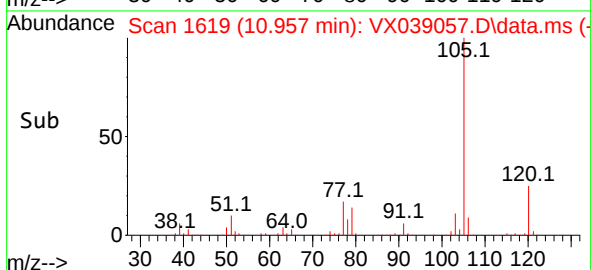
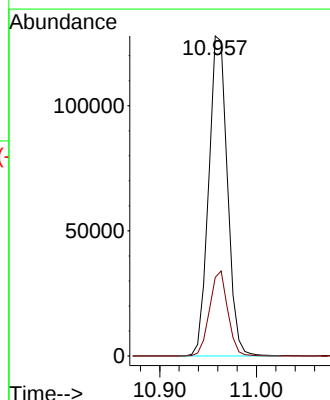
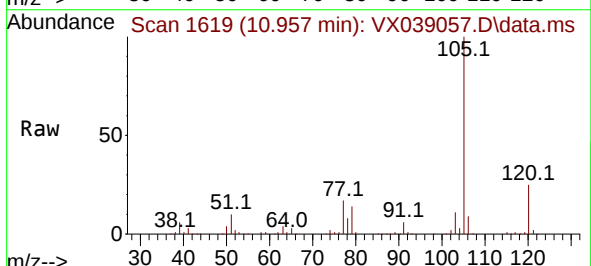
RT: 10.957 min Scan# 1619

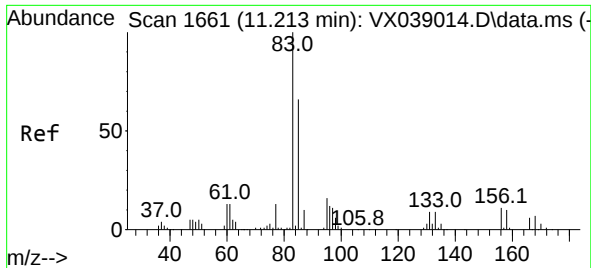
Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:105 Resp: 172355
 Ion Ratio Lower Upper
 105 100
 120 25.7 18.5 34.3





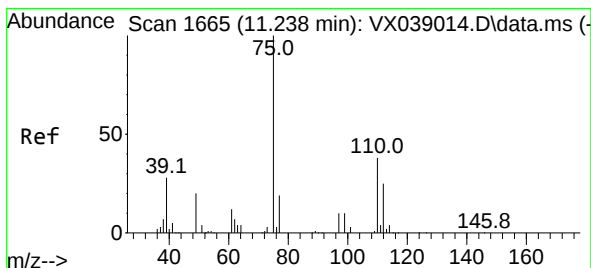
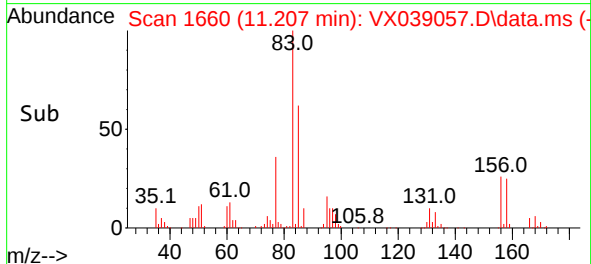
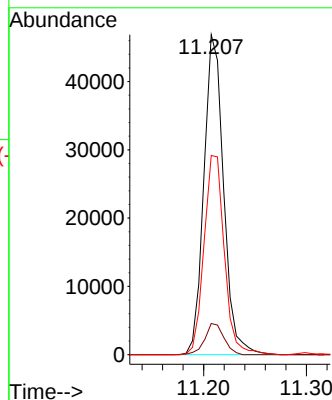
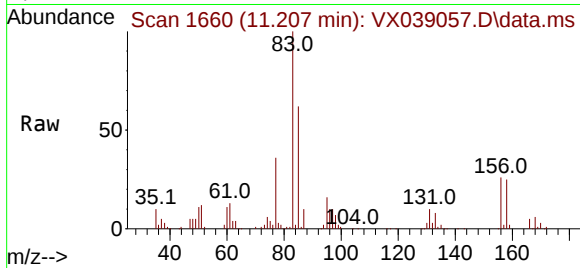
#71
1,1,2,2-Tetrachloroethane
Concen: 19.325 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 62538
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 64.3 32.5 97.4

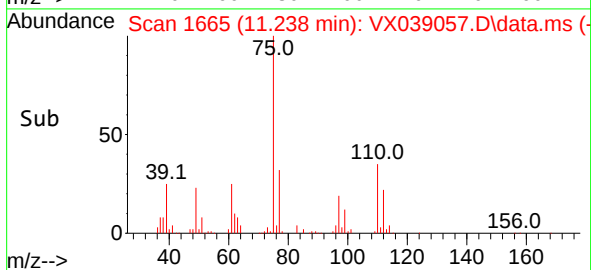
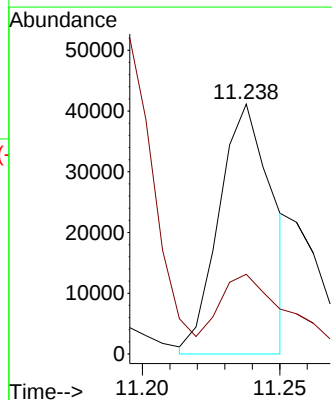
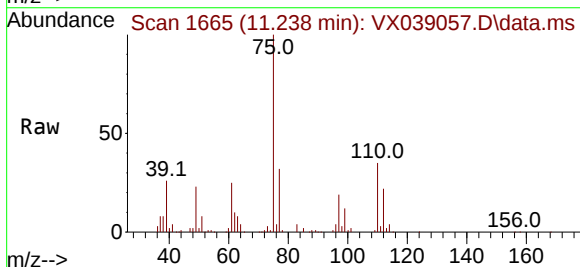
Manual Integrations
APPROVED

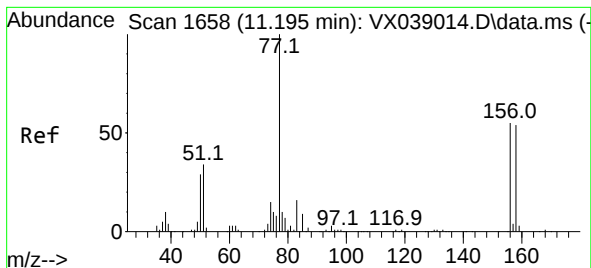
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#72
1,2,3-Trichloropropane
Concen: 20.167 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 75 Resp: 55221
Ion Ratio Lower Upper
75 100
77 42.2 0.0 76.4





#73

Bromobenzene

Concen: 19.329 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

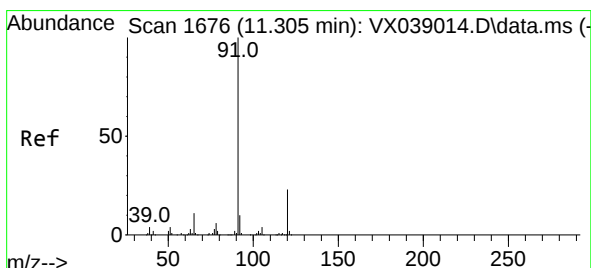
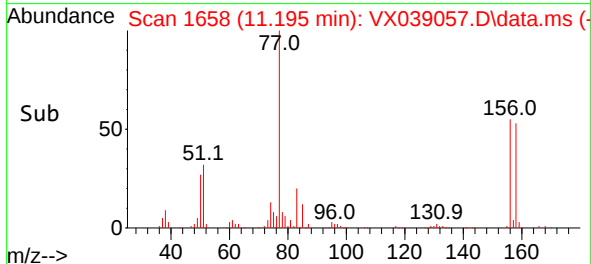
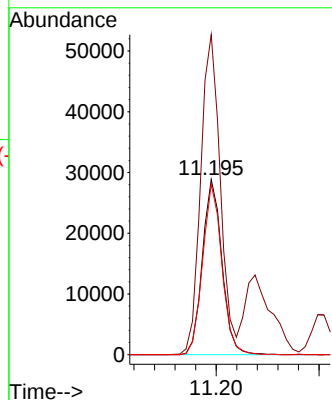
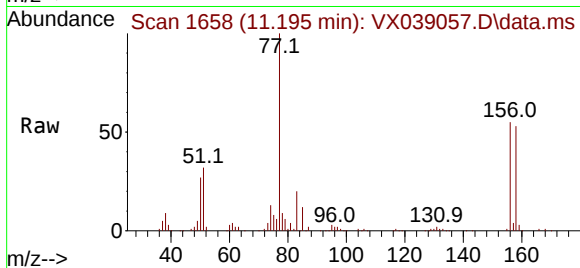
Tgt Ion:	156	Resp:	38140
Ion Ratio	Lower	Upper	
156	100		
77	182.8	0.0	363.2
158	95.9	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#74

n-propylbenzene

Concen: 19.940 ug/l

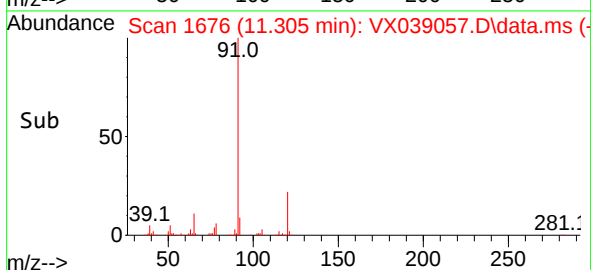
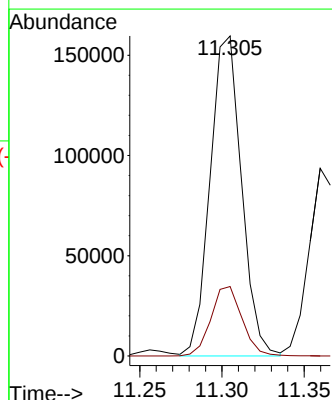
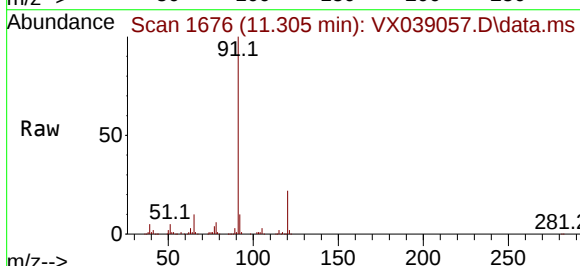
RT: 11.305 min Scan# 1676

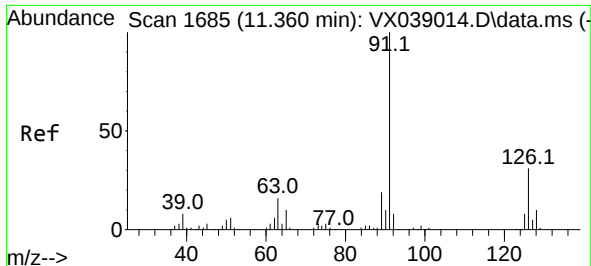
Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:	91	Resp:	211768
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





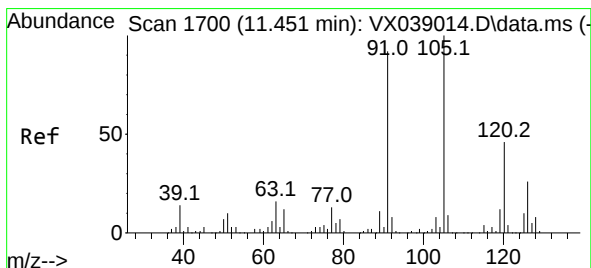
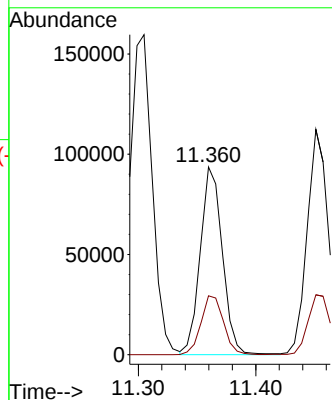
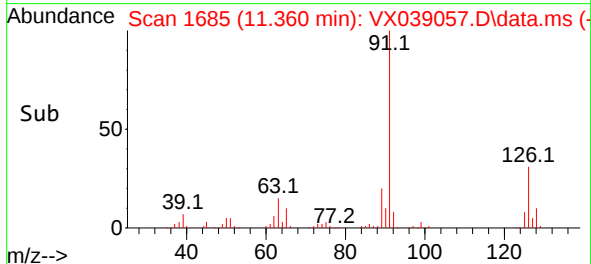
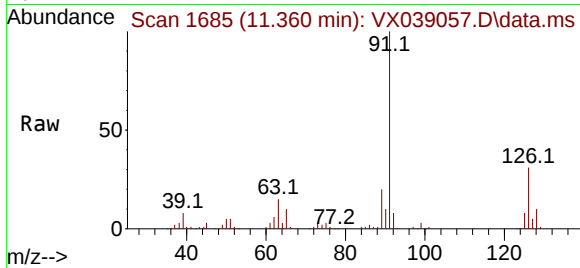
#75
2-Chlorotoluene
Concen: 19.690 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 122684
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.2

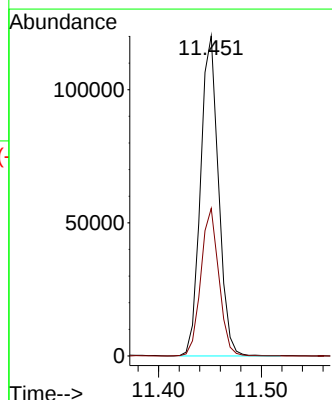
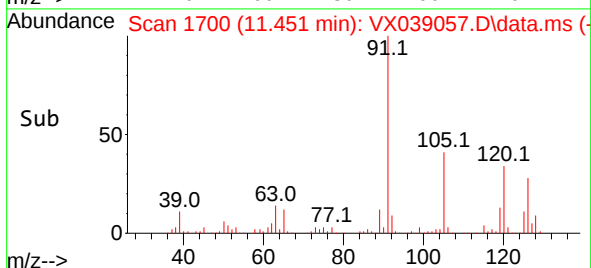
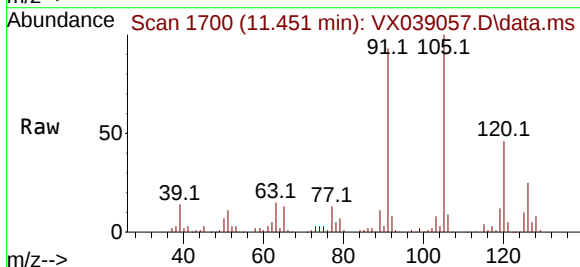
Manual Integrations
APPROVED

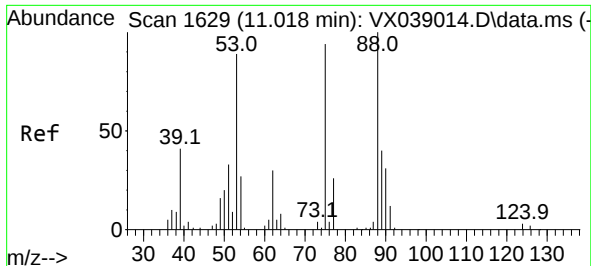
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:105 Resp: 146461
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.6





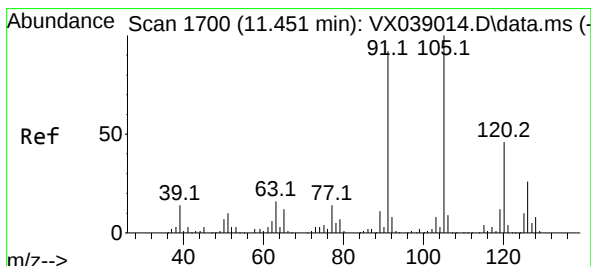
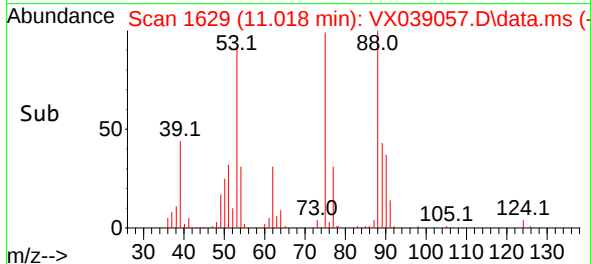
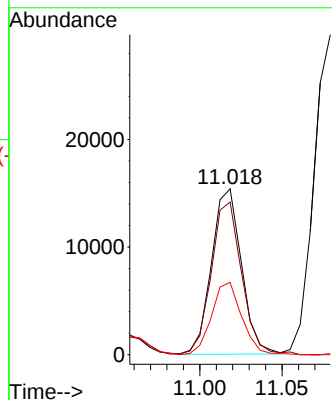
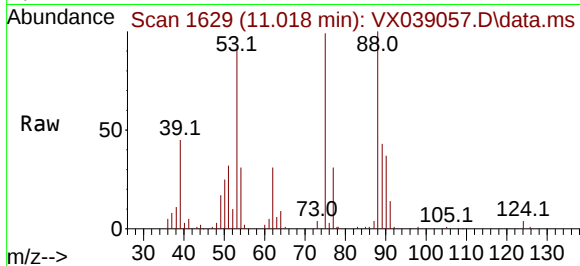
#77
t-1,4-Dichloro-2-butene
Concen: 17.907 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 19429
Ion Ratio Lower Upper
75 100
53 91.9 46.9 140.8
89 43.8 21.3 63.7

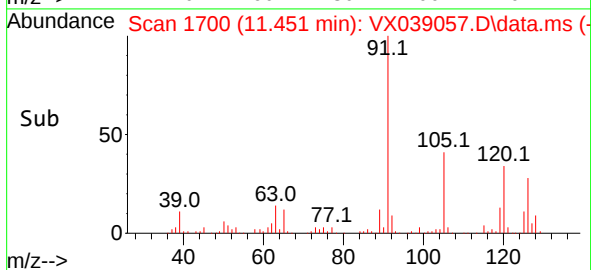
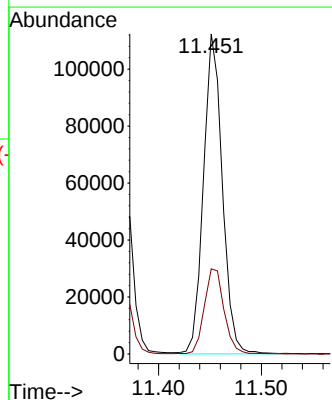
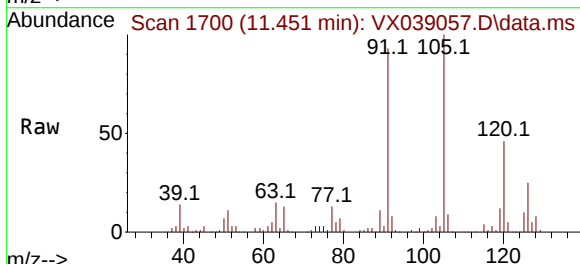
Manual Integrations
APPROVED

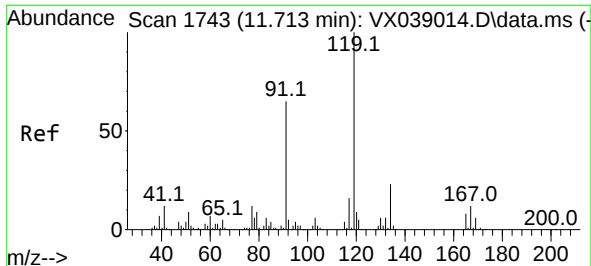
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#78
4-Chlorotoluene
Concen: 19.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

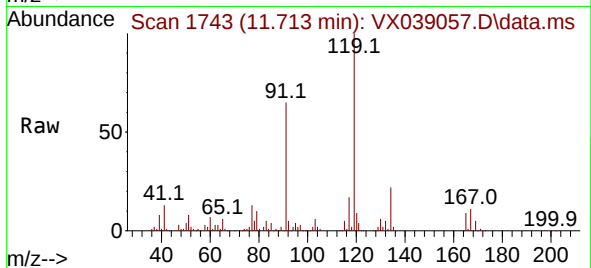
Tgt Ion: 91 Resp: 143348
Ion Ratio Lower Upper
91 100
126 27.3 0.0 57.4





#79
tert-butylbenzene
Concen: 19.597 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

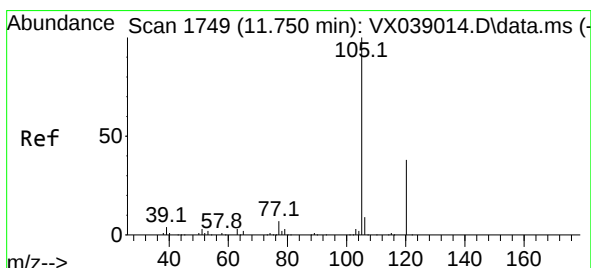
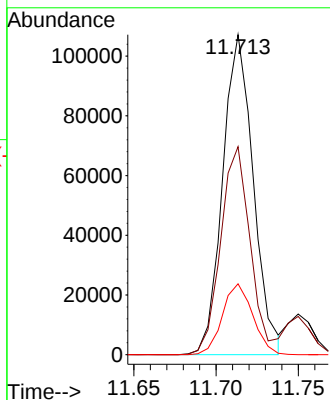
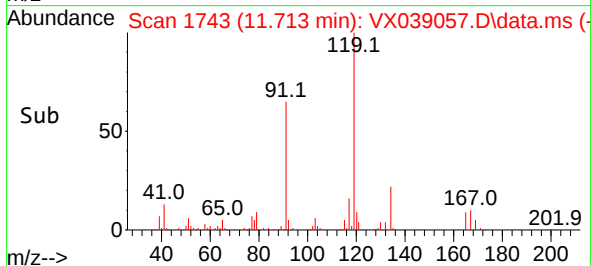
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



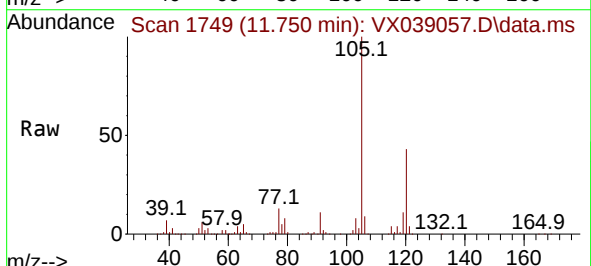
Tgt Ion:119 Resp: 13915
Ion Ratio Lower Upper
119 100
91 61.9 0.0 125.6
134 22.0 0.0 43.8

Manual Integrations
APPROVED

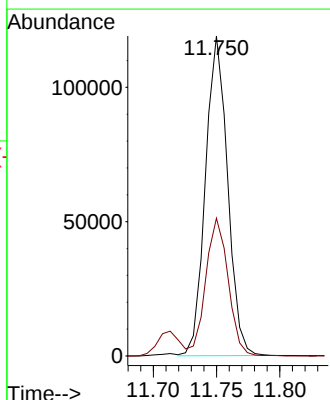
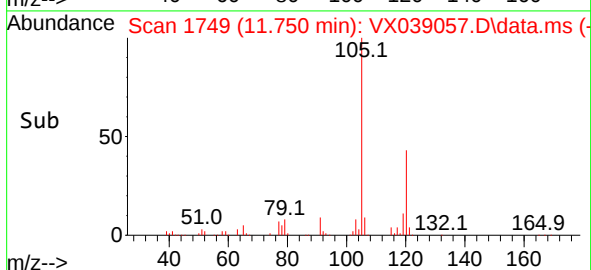
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

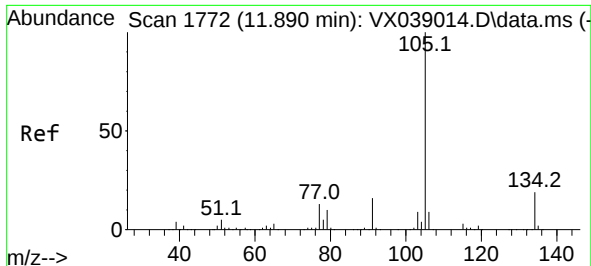


#80
1,2,4-Trimethylbenzene
Concen: 19.388 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



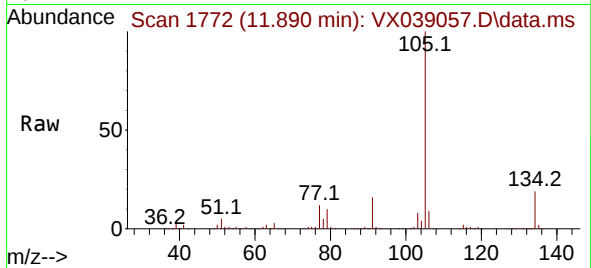
Tgt Ion:105 Resp: 144902
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.632 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

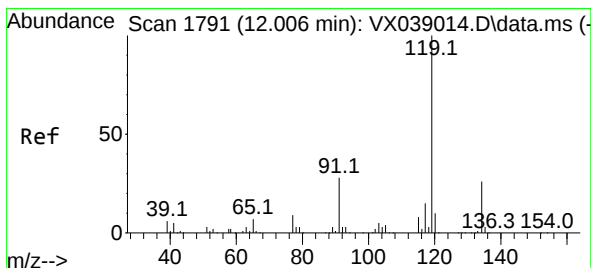
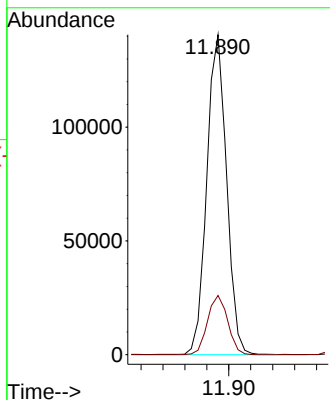
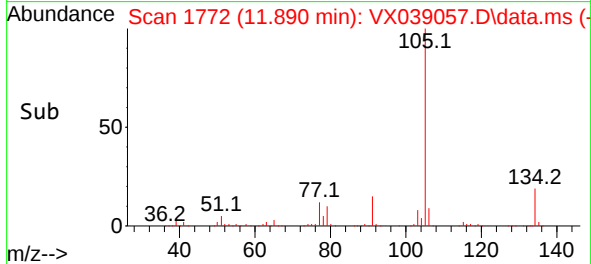
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



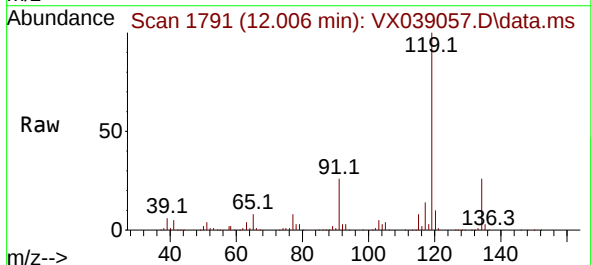
Tgt Ion:105 Resp: 176225
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
 APPROVED

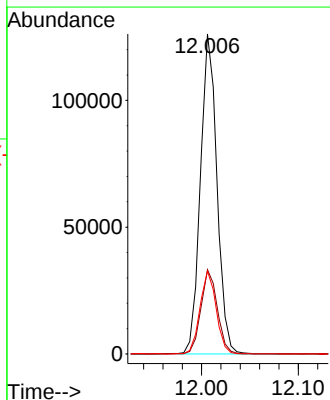
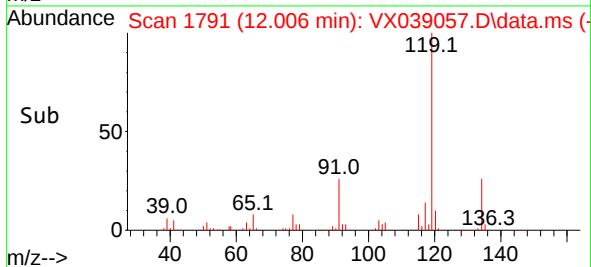
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

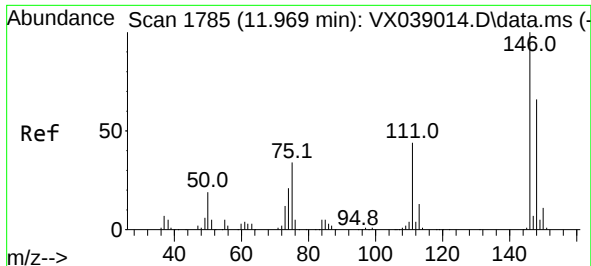


#82
 p-Isopropyltoluene
 Concen: 19.757 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31



Tgt Ion:119 Resp: 150310
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 25.2 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.446 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

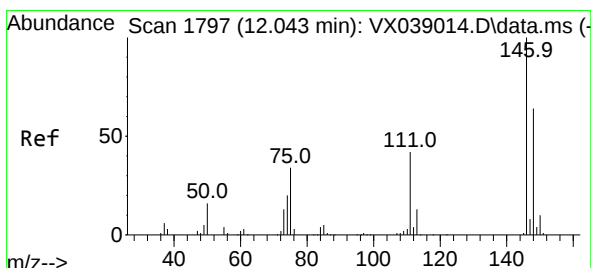
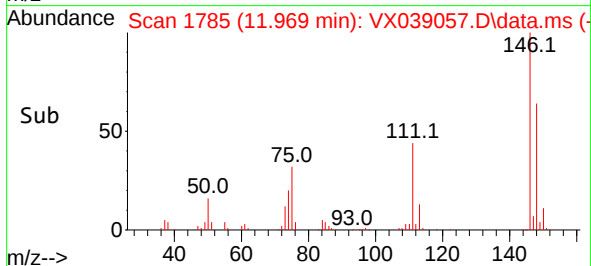
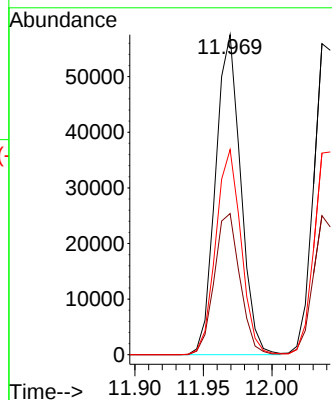
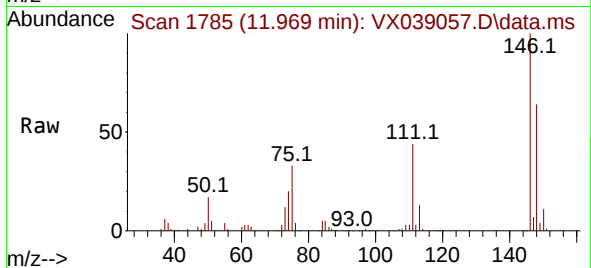
Tgt Ion:146 Resp: 7344
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.9
 148 64.6 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#84

1,4-Dichlorobenzene

Concen: 19.142 ug/l

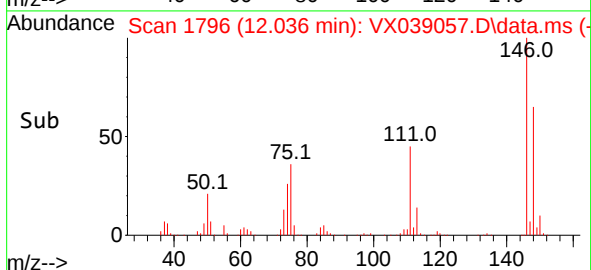
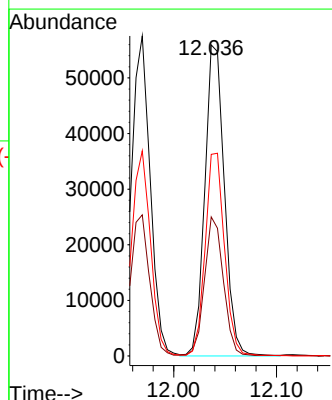
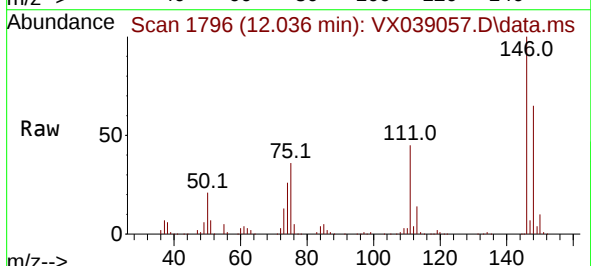
RT: 12.036 min Scan# 1796

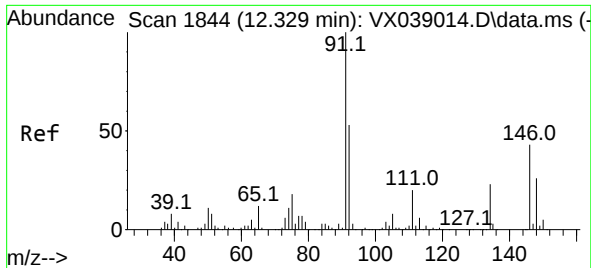
Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

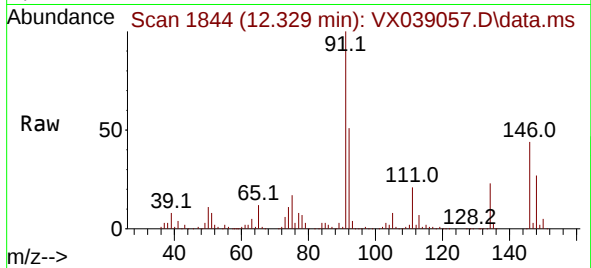
Tgt Ion:146 Resp: 74179
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.4 64.2
 148 64.5 31.8 95.4





#85
n-Butylbenzene
Concen: 19.457 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

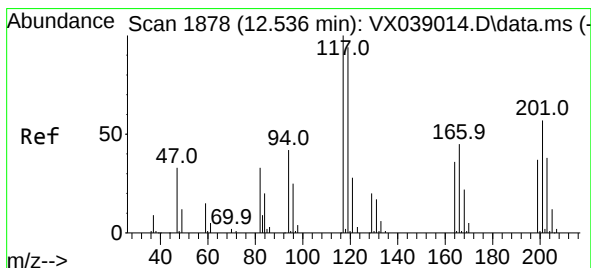
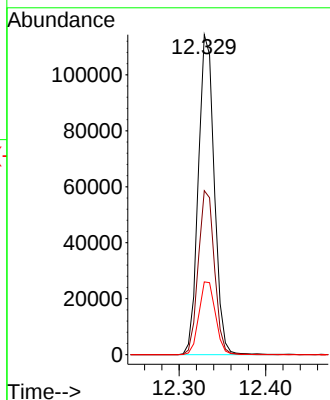
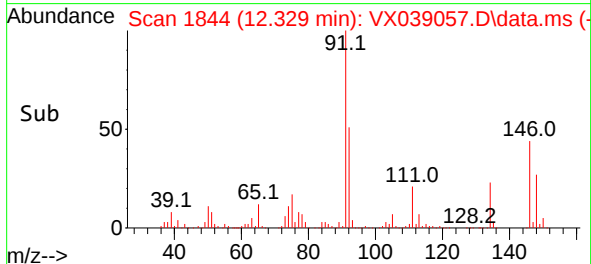
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 146180
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 23.6 0.0 48.8

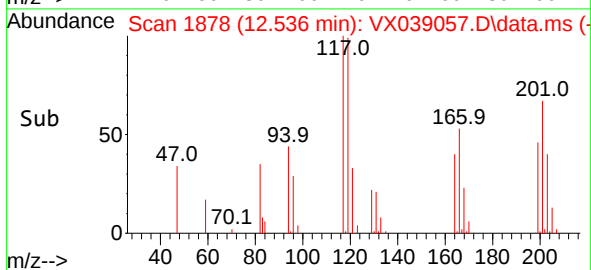
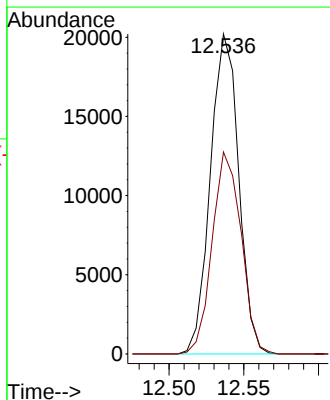
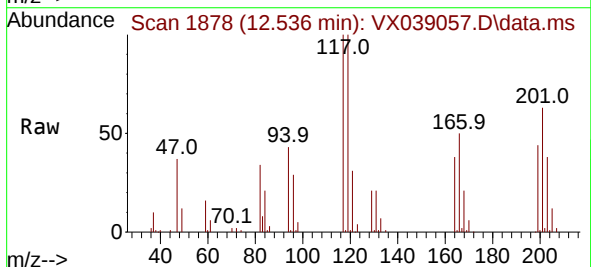
Manual Integrations
APPROVED

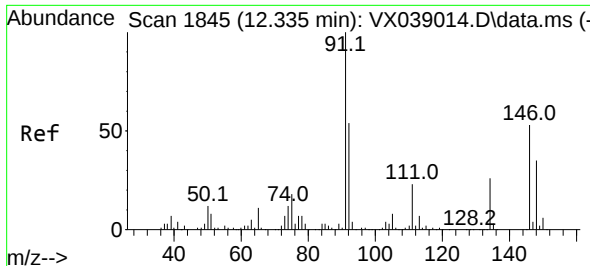
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#86
Hexachloroethane
Concen: 18.458 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

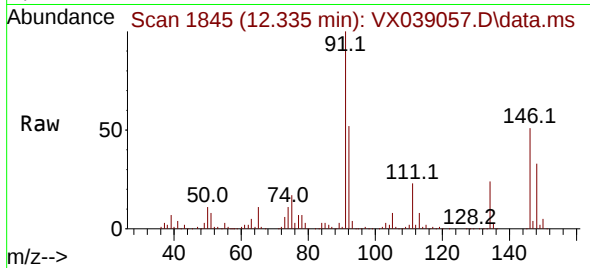
Tgt Ion:117 Resp: 26607
Ion Ratio Lower Upper
117 100
201 64.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.401 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

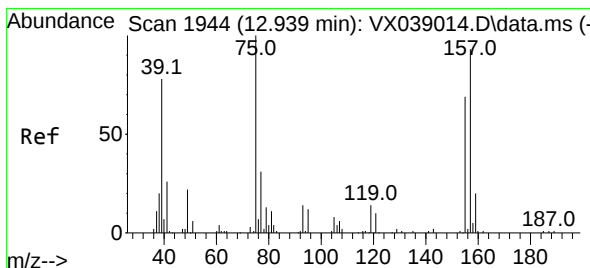
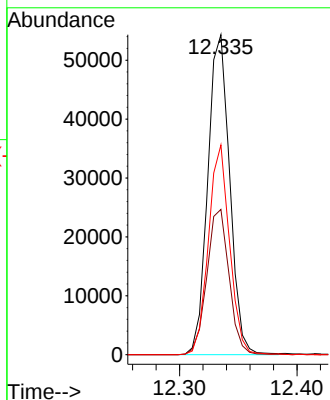
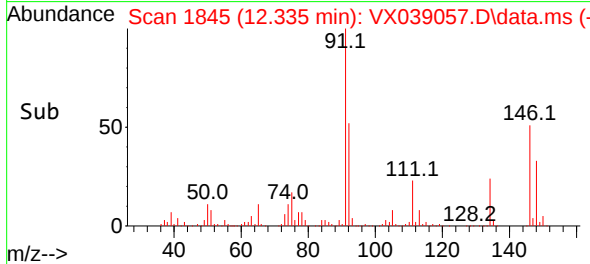
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



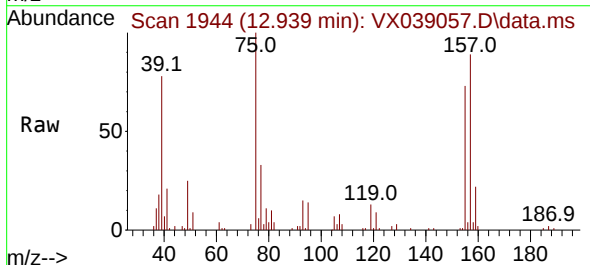
Tgt Ion:146 Resp: 70459
Ion Ratio Lower Upper
146 100
111 46.1 22.4 67.2
148 63.2 31.9 95.7

Manual Integrations
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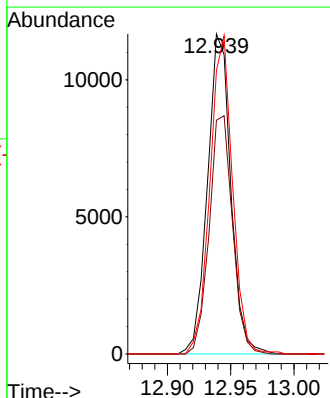
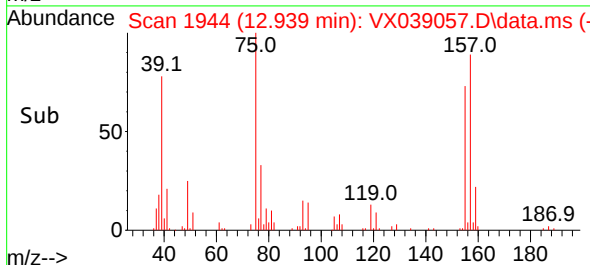
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

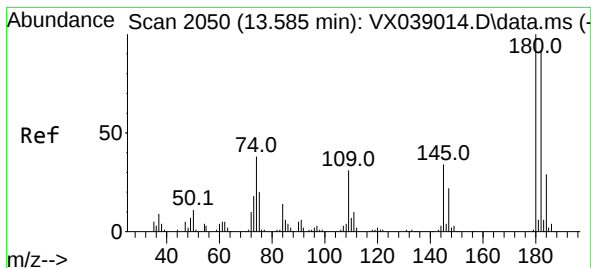


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.110 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



Tgt Ion: 75 Resp: 14988
Ion Ratio Lower Upper
75 100
155 74.2 58.2 87.4
157 95.9 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 19.453 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

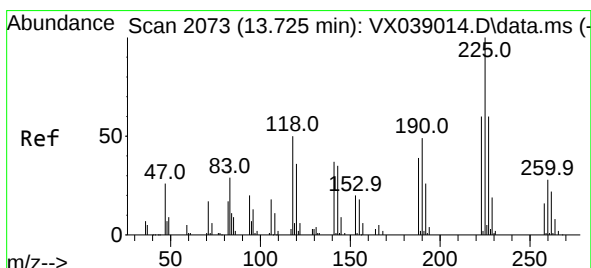
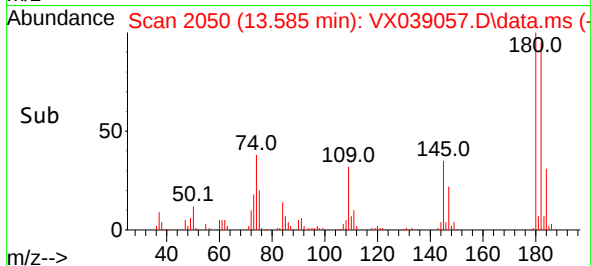
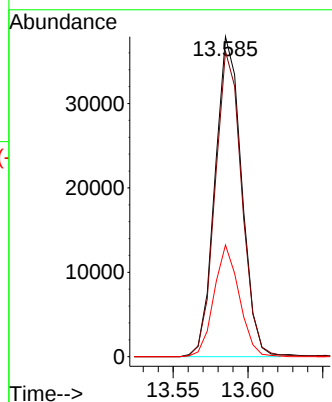
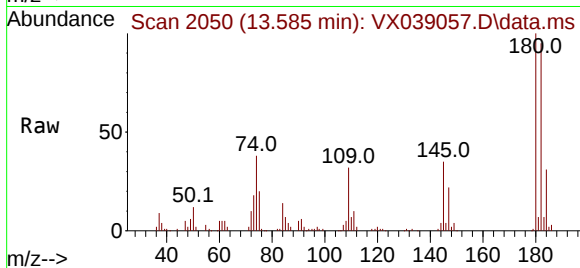
Tgt Ion:180	Resp:	4684
Ion Ratio	Lower	Upper
180	100	
182	95.4	74.5 111.7
145	33.2	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#90

Hexachlorobutadiene

Concen: 19.661 ug/l

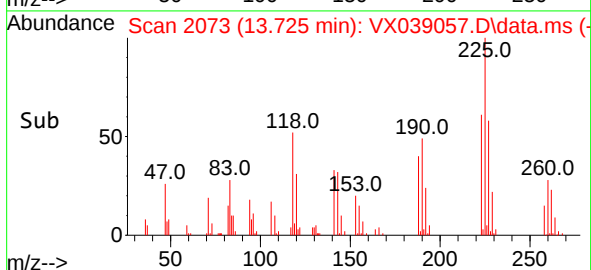
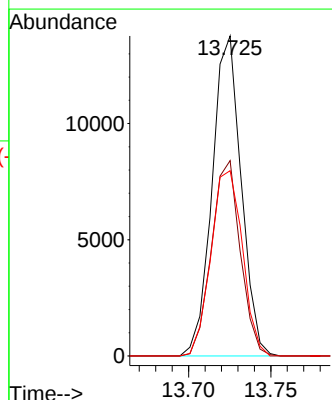
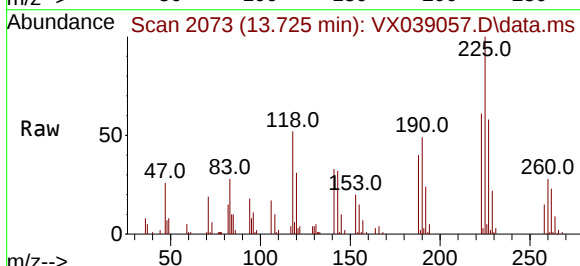
RT: 13.725 min Scan# 2073

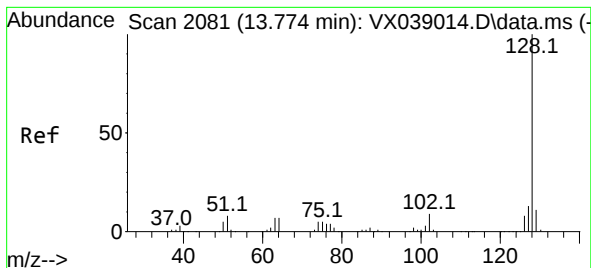
Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

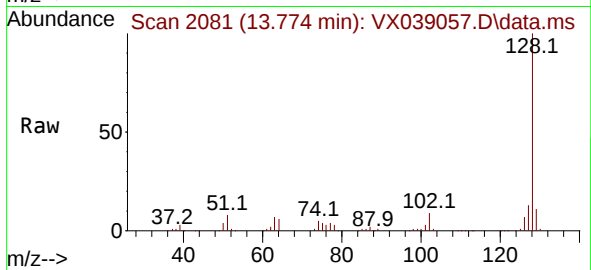
Tgt Ion:225	Resp:	16904
Ion Ratio	Lower	Upper
225	100	
223	60.7	0.0 124.4
227	62.7	0.0 124.4





#91
Naphthalene
Concen: 18.495 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

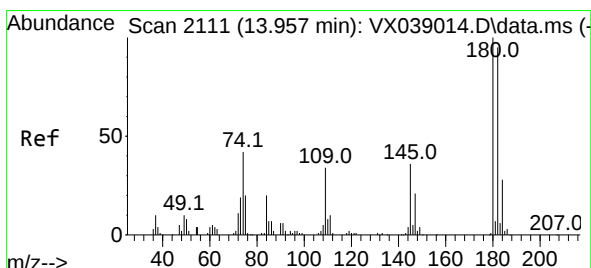
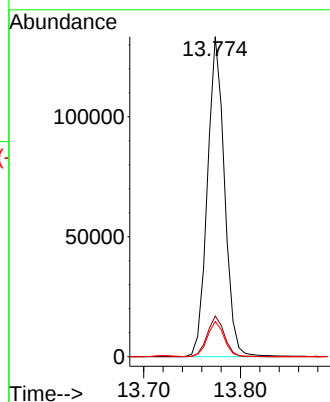
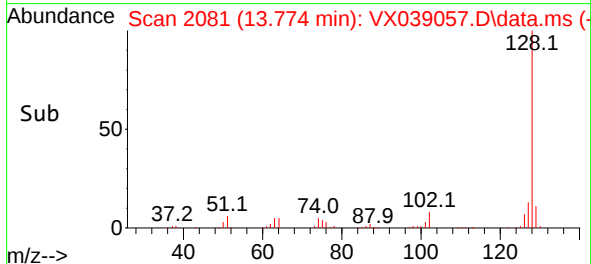
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



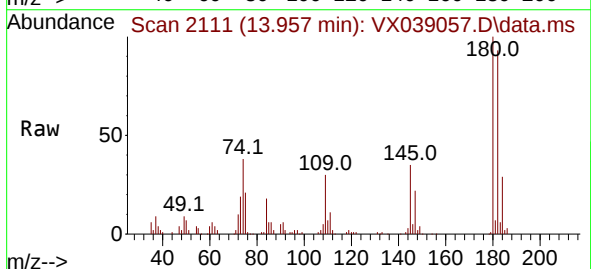
Tgt Ion:128 Resp: 164239
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.629 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



Tgt Ion:180 Resp: 45780
Ion Ratio Lower Upper
180 100
182 93.6 0.0 191.6
145 36.0 0.0 69.6

