

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039042.D
 Acq On : 27 Nov 2023 15:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 01:13:27 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	4.897	128	9279	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	75485	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94424	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	42003	33.088	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.300%#			
60) 4-Bromofluorobenzene	11.079	95	61814	29.972	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.900%			
63) Toluene-d8	8.647	98	114564	30.688	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29200	21.025	ug/l	100
3) Chloromethane	1.294	50	34977	21.995	ug/l	97
4) Vinyl Chloride	1.374	62	36371	22.655	ug/l	99
5) Bromomethane	1.605	94	25211	25.675	ug/l	98
6) Chloroethane	1.691	64	21243	22.722	ug/l	92
7) Trichlorofluoromethane	1.886	101	50953	22.996	ug/l	96
8) Diethyl Ether	2.130	74	19075	22.427	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	27898	22.281	ug/l	98
10) 1,1-Dichloroethene	2.319	96	27682	21.932	ug/l	96
11) Methyl Iodide	2.453	142	27895	20.169	ug/l	97
12) Methyl Acetate	2.697	43	89075	22.628	ug/l	96
13) Acrolein	2.233	56	42840	124.228	ug/l	98
14) Acrylonitrile	3.056	53	108949	113.160	ug/l	100
15) Acetone	2.374	58	33514	95.763	ug/l	88
16) Carbon Disulfide	2.514	76	81746	21.385	ug/l	98
17) Allyl chloride	2.666	41	57269	22.857	ug/l	94
18) Methylene Chloride	2.788	84	33484	22.381	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	31053	21.754	ug/l	99
20) Diisopropyl ether	3.757	45	105991	22.229	ug/l	90
21) 1,1-Dichloroethane	3.605	63	60087	22.665	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	35200	21.277	ug/l #	83
23) tert-Butyl Alcohol	2.947	59	55893	104.865	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	103946	22.357	ug/l	96
25) Chloroform	5.086	83	58775	22.089	ug/l	93
26) Cyclohexane	5.464	56	52512	21.885	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	45404	21.457	ug/l	99
30) 2-Butanone	4.544	43	165956	104.167	ug/l	99
31) 2,2-Dichloropropane	4.471	77	52462	21.684	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	51632	21.111	ug/l	99
33) Carbon Tetrachloride	5.678	117	42893	20.820	ug/l	94
34) Benzene	6.031	78	129870	21.068	ug/l	98
35) Methacrylonitrile	4.910	41	30422	21.557	ug/l	96
36) 1,2-Dichloroethane	6.080	62	48382	21.391	ug/l	100
37) Trichloroethene	7.123	130	32377	20.695	ug/l	100
38) Methylcyclohexane	7.373	83	57001	21.619	ug/l	100
39) 1,2-Dichloropropane	7.427	63	34539	21.246	ug/l	98
40) Dibromomethane	7.580	93	24094	20.976	ug/l	98
41) Bromodichloromethane	7.818	83	46632	21.132	ug/l	97
42) Vinyl Acetate	3.715	43	424948	111.987	ug/l	99

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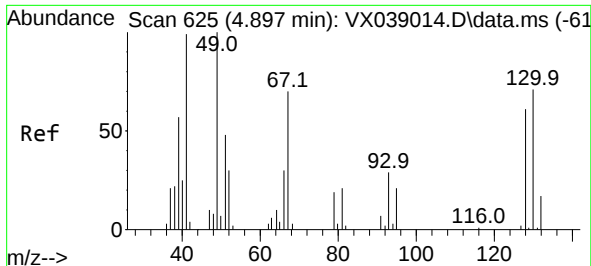
Manual Integrations
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 Supervised By : Mahesh Dadoda 11/28/2023

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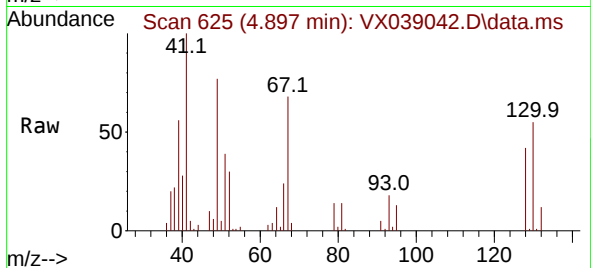
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	59822	21.825	ug/l	99
44) Isopropyl Acetate	6.330	43	94521	21.876	ug/l	99
45) 1,4-Dioxane	7.653	88	18520	419.864	ug/l	96
46) Methyl methacrylate	7.690	41	52733	21.346	ug/l	98
47) n-amyl Acetate	10.842	43	77033	21.064	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	51629	20.178	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	55928	21.189	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	33895	21.723	ug/l	97
51) Ethyl methacrylate	9.116	69	41515	21.255	ug/l	94
52) 1,3-Dichloropropane	9.305	76	57465	21.478	ug/l	100
53) Dibromochloromethane	9.519	129	34471	20.571	ug/l	98
54) 1,2-Dibromoethane	9.610	107	35691	20.858	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	122914	99.282	ug/l	99
56) Bromoform	10.799	173	24217	20.023	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	308946	107.895	ug/l	99
59) 2-Hexanone	9.427	43	248438	105.701	ug/l	100
61) Tetrachloroethene	9.269	164	25211	20.536	ug/l	91
62) Toluene	8.714	91	142664	21.281	ug/l	100
64) Chlorobenzene	10.079	112	85707	21.018	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	31101	21.178	ug/l	98
66) Ethyl Benzene	10.189	91	161678	21.180	ug/l	99
67) m/p-Xylenes	10.299	106	119471	42.354	ug/l	100
68) o-Xylene	10.640	106	57831	21.165	ug/l	99
69) Styrene	10.653	104	83855	20.737	ug/l	99
70) Isopropylbenzene	10.963	105	155836	21.316	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	58215	21.331	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	49416m	21.398	ug/l	
73) Bromobenzene	11.195	156	33819	20.319	ug/l	96
74) n-propylbenzene	11.305	91	192763	21.521	ug/l	100
75) 2-Chlorotoluene	11.366	91	112355	21.381	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	133127	21.138	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	17716	19.360	ug/l	95
78) 4-Chlorotoluene	11.451	91	131036	21.209	ug/l	100
79) tert-butylbenzene	11.713	119	126513	21.125	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	134006	21.260	ug/l	99
81) sec-Butylbenzene	11.890	105	162117	21.414	ug/l	99
82) p-Isopropyltoluene	12.006	119	137126	21.371	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	67857	21.303	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	68712	21.024	ug/l	99
85) n-Butylbenzene	12.335	91	133522	21.072	ug/l	99
86) Hexachloroethane	12.536	117	24608	20.241	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	65214	21.291	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14421	20.661	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	42334	20.846	ug/l	99
90) Hexachlorobutadiene	13.725	225	14141	19.502	ug/l	97
91) Naphthalene	13.774	128	152276	20.332	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	40693	20.688	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

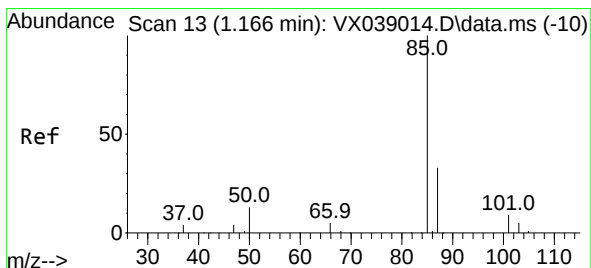
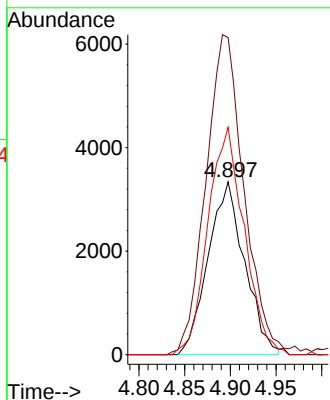
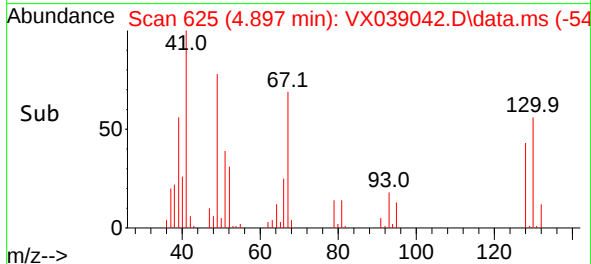
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



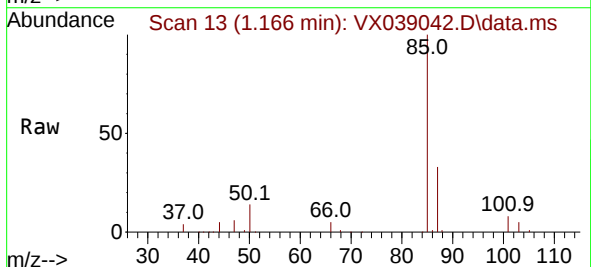
Tgt Ion:128 Resp: 9279
Ion Ratio Lower Upper
128 100
49 192.8 0.0 444.0
130 131.1 0.0 297.8

Manual Integrations
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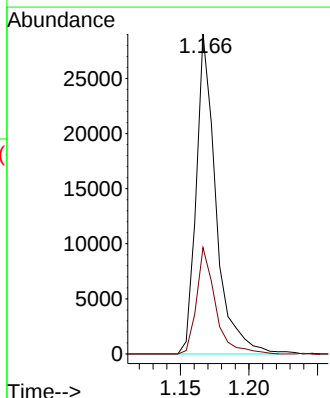
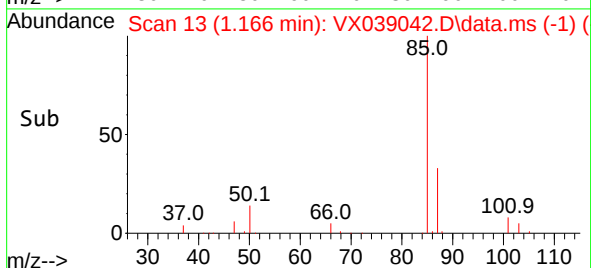
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

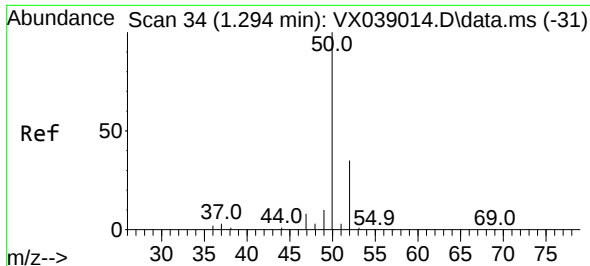


#2
Dichlorodifluoromethane
Concen: 21.025 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



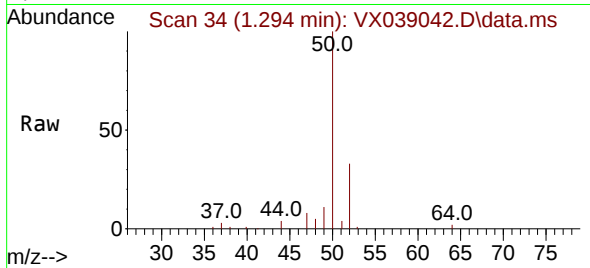
Tgt Ion: 85 Resp: 29200
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





#3
Chloromethane
Concen: 21.995 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

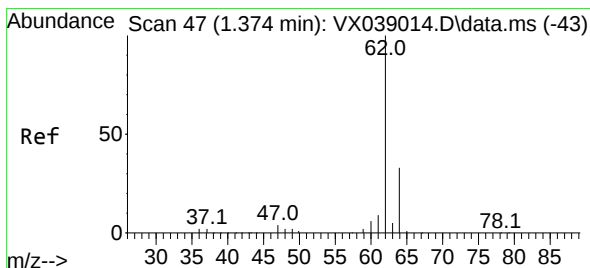
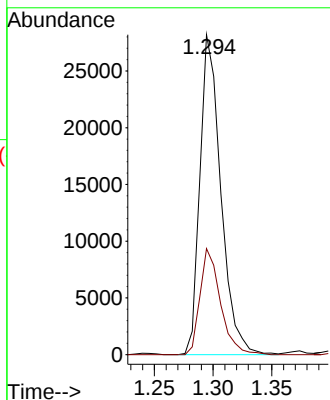
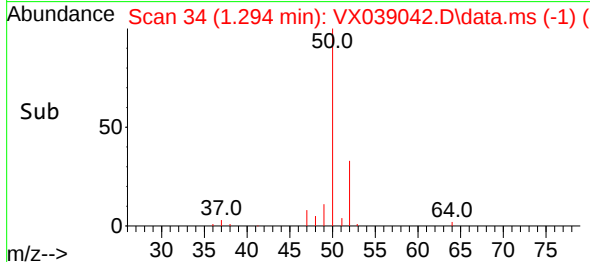
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 3497
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

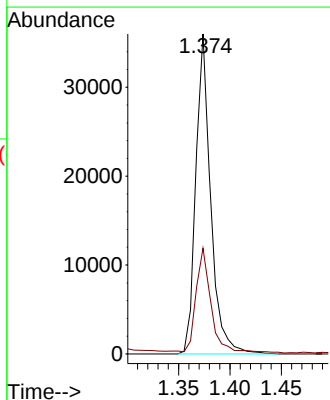
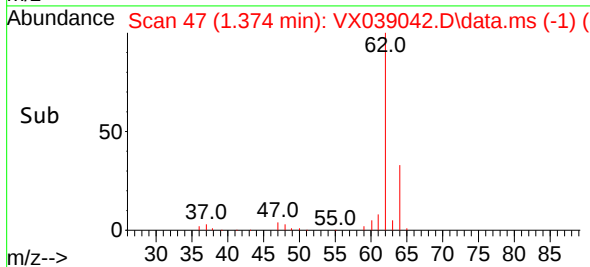
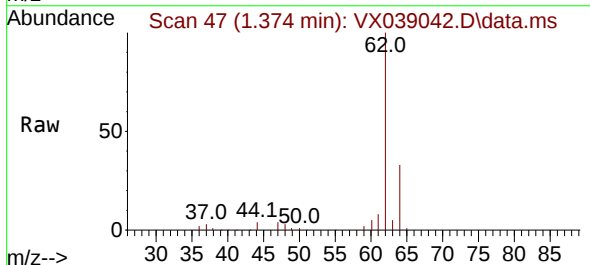
Manual Integrations
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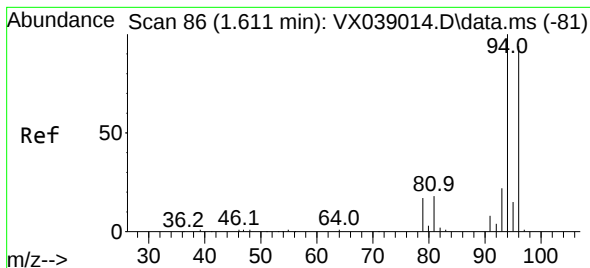
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#4
Vinyl Chloride
Concen: 22.655 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 62 Resp: 36371
Ion Ratio Lower Upper
62 100
64 32.5 26.3 39.5





#5

Bromomethane

Concen: 25.675 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 2521

Ion Ratio Lower Upper

94 100

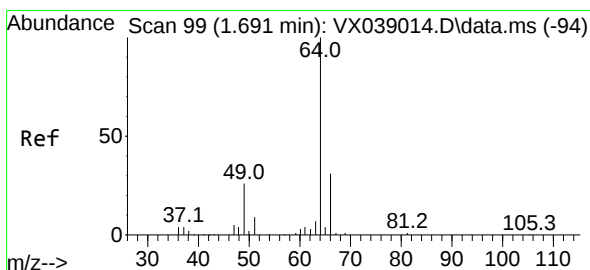
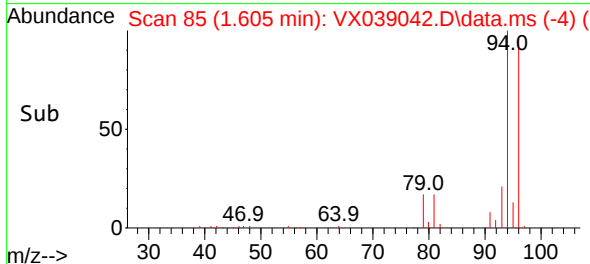
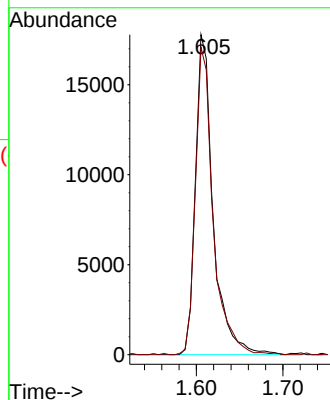
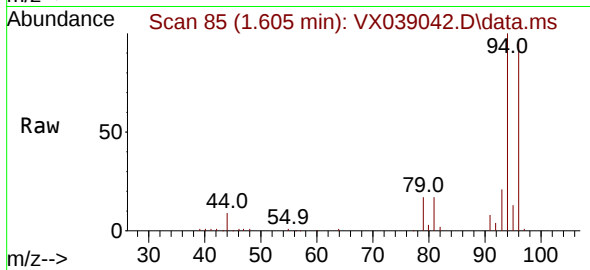
96 95.7 74.9 112.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/28/2023



#6

Chloroethane

Concen: 22.722 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX039042.D

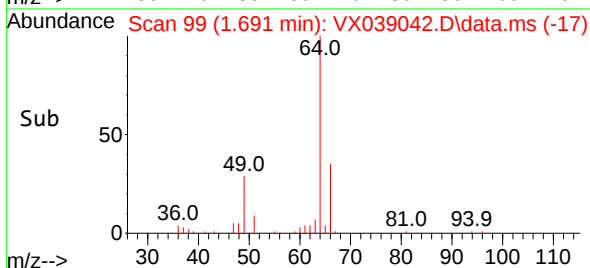
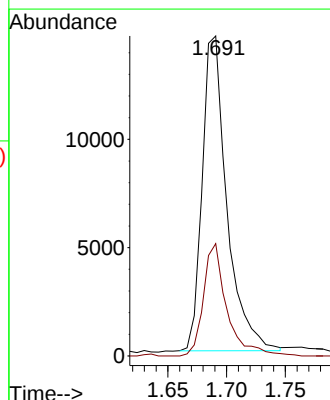
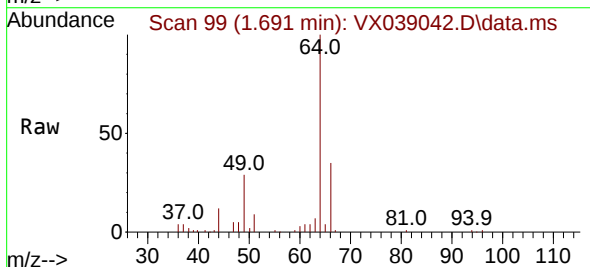
Acq: 27 Nov 2023 15:59

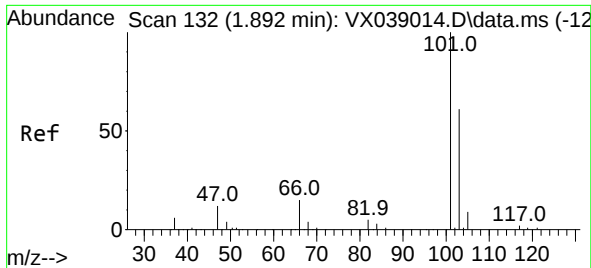
Tgt Ion: 64 Resp: 21243

Ion Ratio Lower Upper

64 100

66 35.7 25.0 37.6





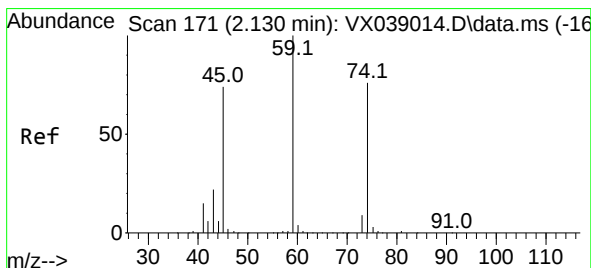
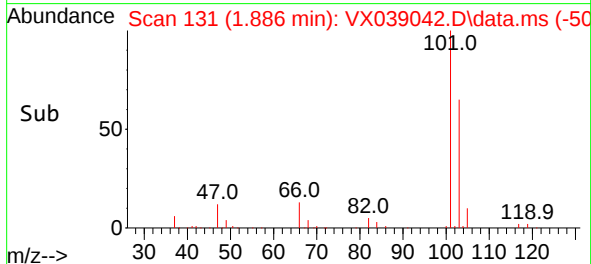
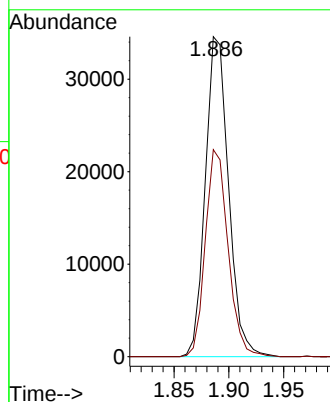
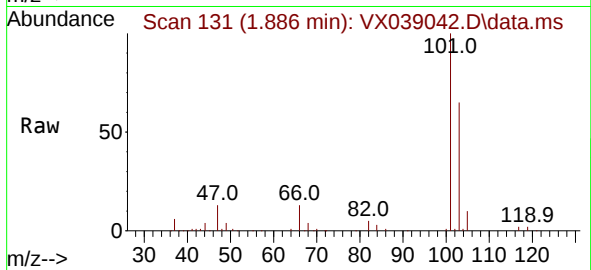
#7
Trichlorofluoromethane
Concen: 22.996 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 5095
Ion Ratio Lower Upper
101 100
103 64.7 49.1 73.7

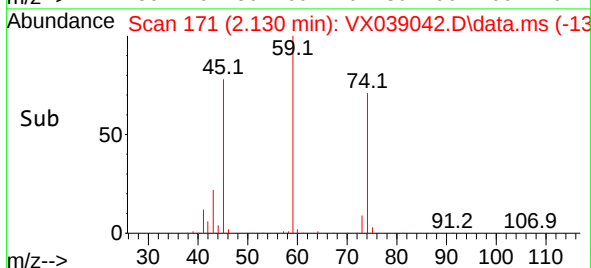
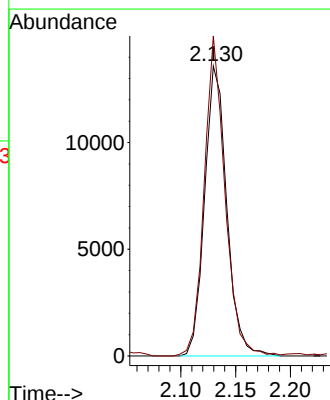
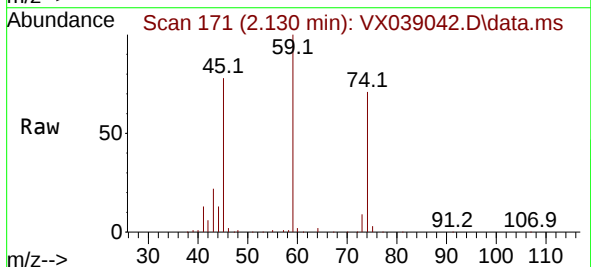
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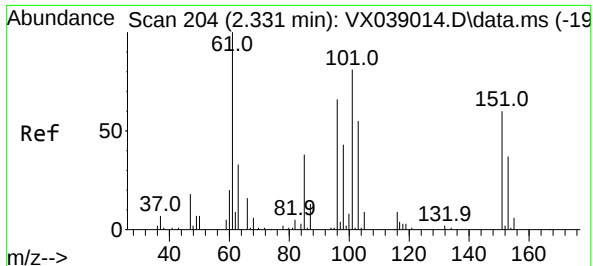
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#8
Diethyl Ether
Concen: 22.427 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 74 Resp: 19075
Ion Ratio Lower Upper
74 100
45 103.6 20.5 184.5





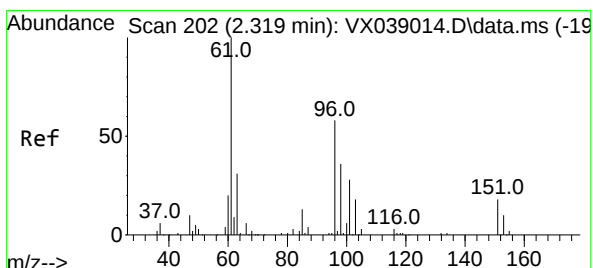
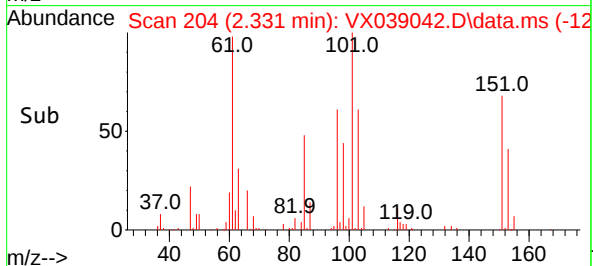
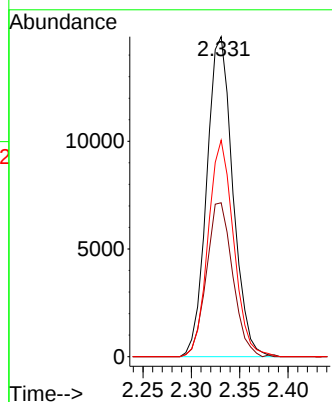
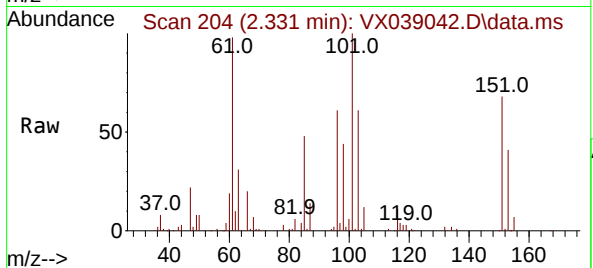
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.281 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 27898
Ion Ratio Lower Upper
101 100
85 48.3 0.0 95.2
151 66.1 0.0 136.8

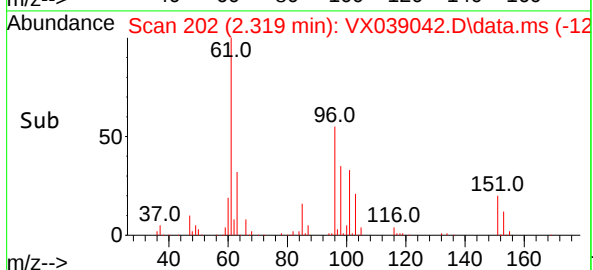
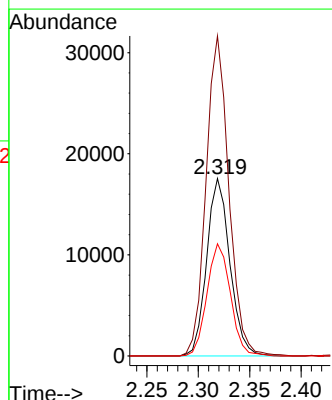
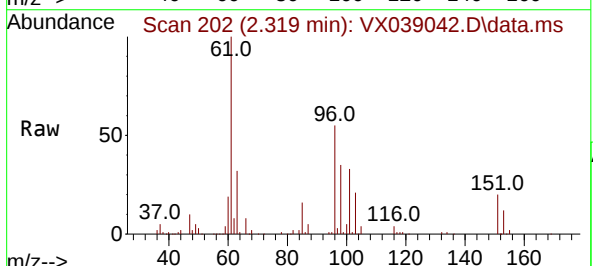
Manual Integrations
APPROVED

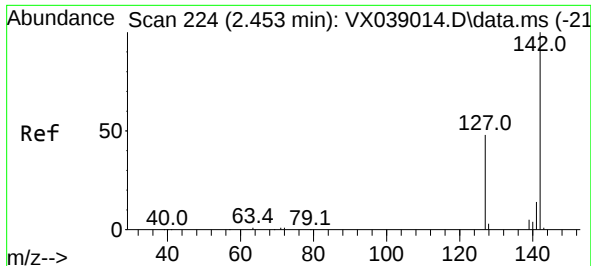
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
1,1-Dichloroethene
Concen: 21.932 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

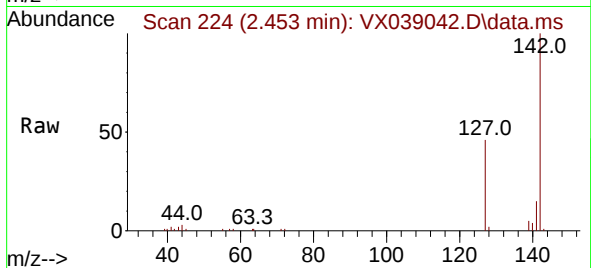
Tgt Ion: 96 Resp: 27682
Ion Ratio Lower Upper
96 100
61 180.4 138.3 207.5
98 63.2 49.8 74.6





#11
Methyl Iodide
Concen: 20.169 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

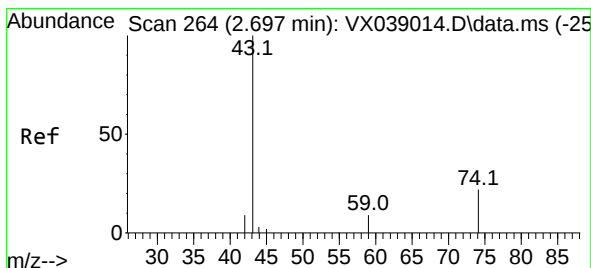
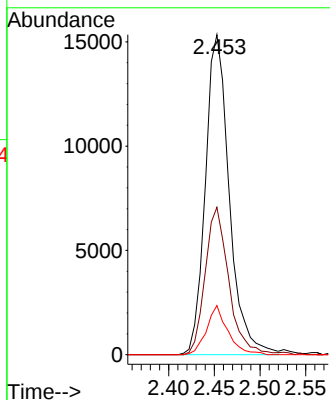
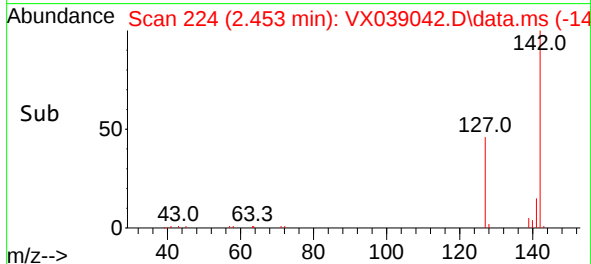
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 27895
Ion Ratio Lower Upper
142 100
127 46.0 23.8 71.4
141 15.4 6.9 20.6

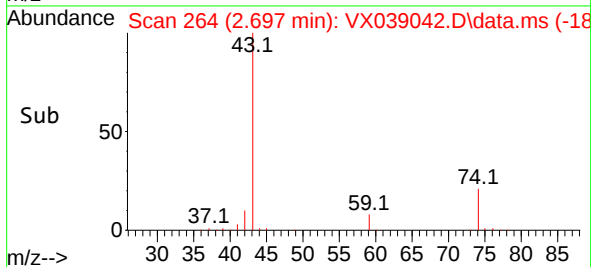
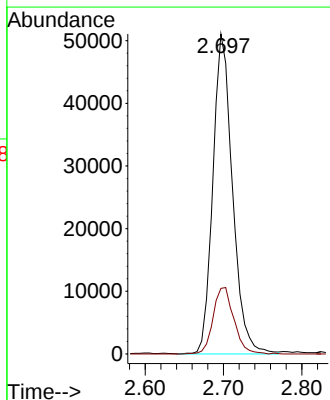
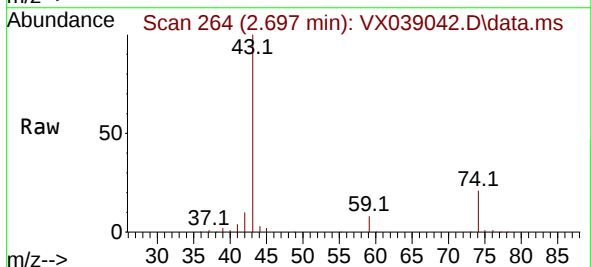
Manual Integrations
APPROVED

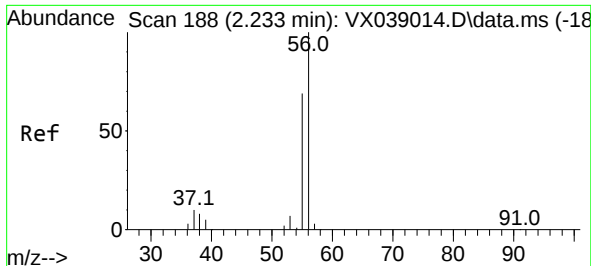
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#12
Methyl Acetate
Concen: 22.628 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

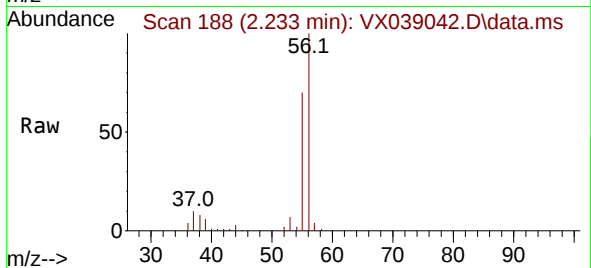
Tgt Ion: 43 Resp: 89075
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.6





#13
Acrolein
Concen: 124.228 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

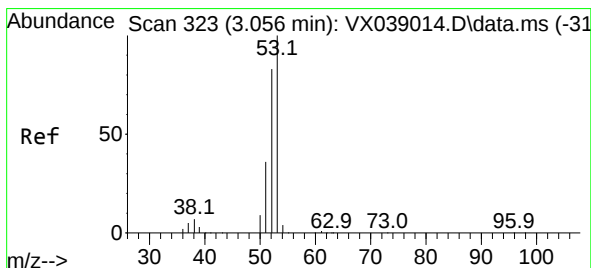
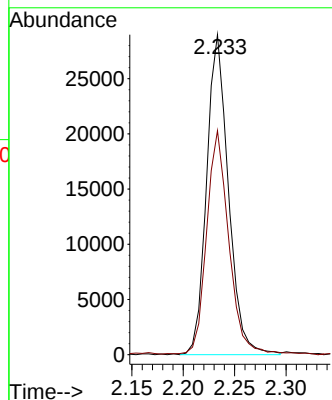
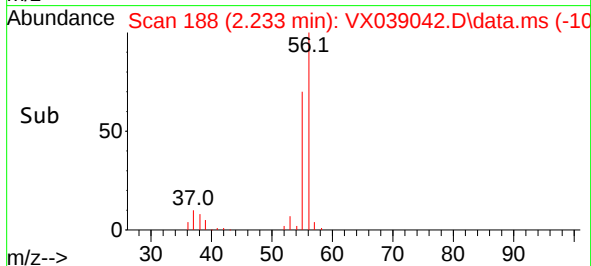
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 42840
Ion Ratio Lower Upper
56 100
55 70.1 57.2 85.8

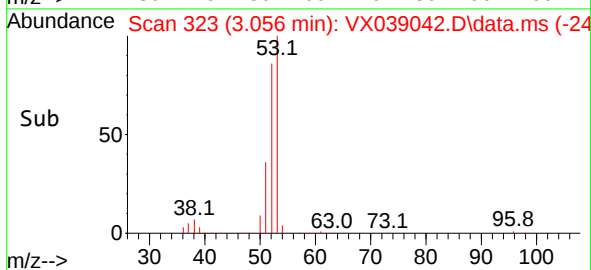
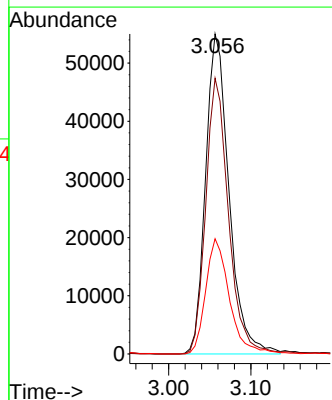
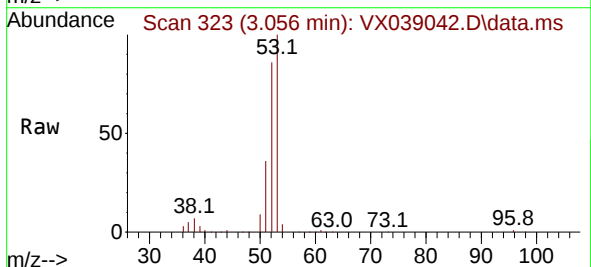
Manual Integrations
APPROVED

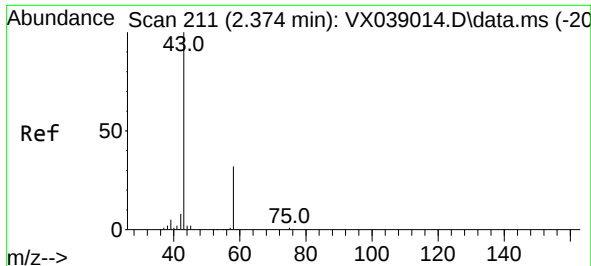
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#14
Acrylonitrile
Concen: 113.160 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 53 Resp: 108949
Ion Ratio Lower Upper
53 100
52 83.5 41.9 125.6
51 36.5 18.3 54.9





#15

Acetone

Concen: 95.763 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 33514

Ion Ratio Lower Upper

58 100

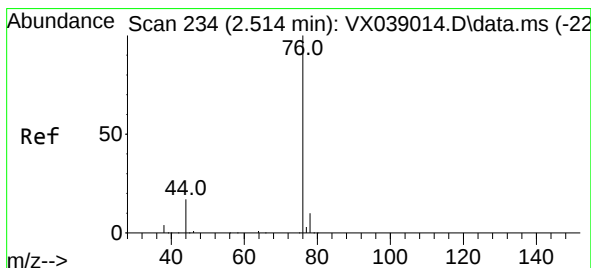
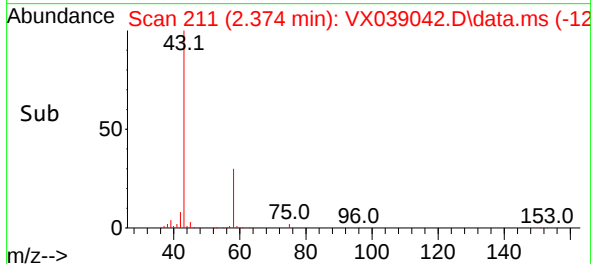
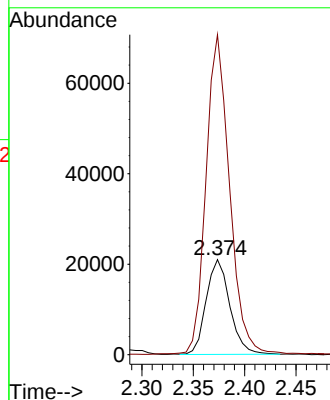
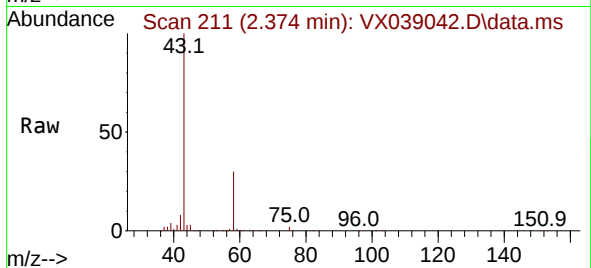
43 336.3 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#16

Carbon Disulfide

Concen: 21.385 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039042.D

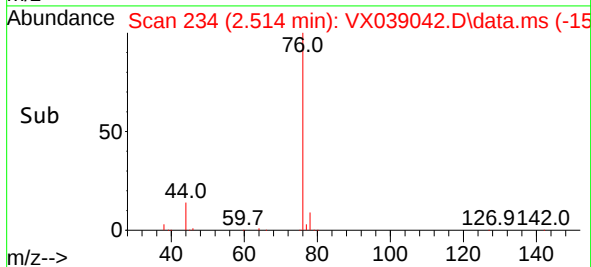
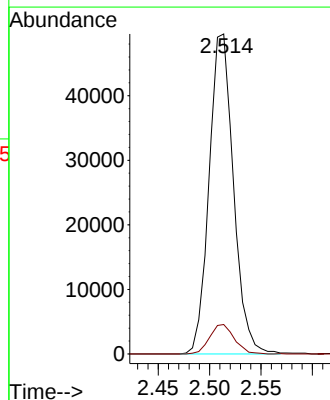
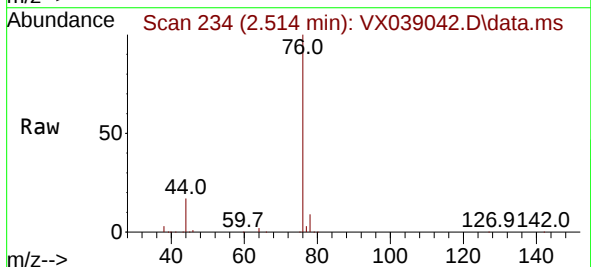
Acq: 27 Nov 2023 15:59

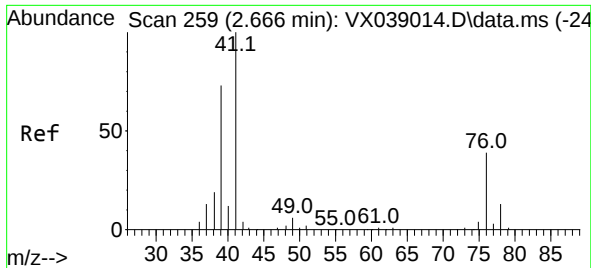
Tgt Ion: 76 Resp: 81746

Ion Ratio Lower Upper

76 100

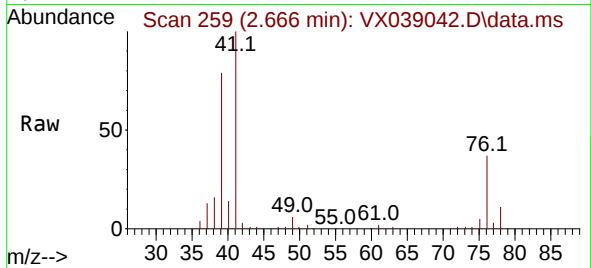
78 9.2 8.0 12.0





#17
 Allyl chloride
 Concen: 22.857 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039042.D
 Acq: 27 Nov 2023 15:59

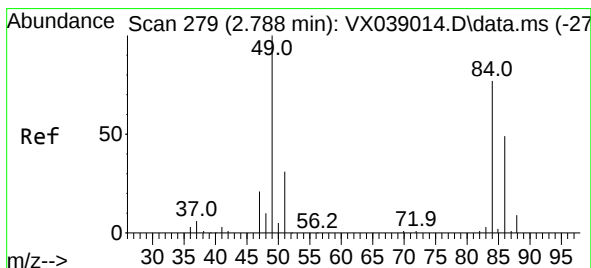
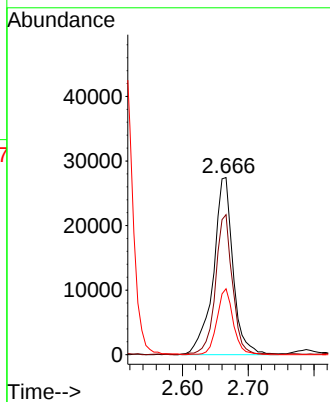
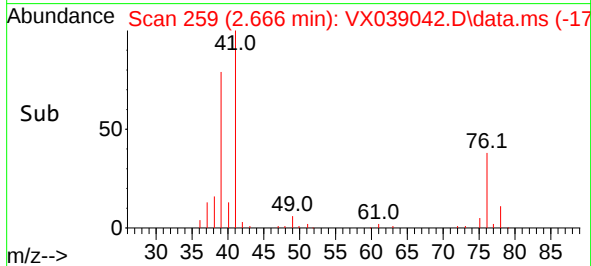
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 57269
 Ion Ratio Lower Upper
 41 100
 39 79.1 36.5 109.5
 76 37.2 19.7 59.0

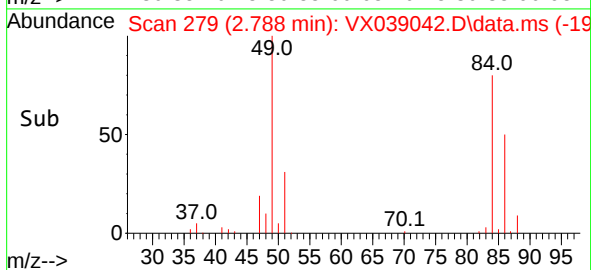
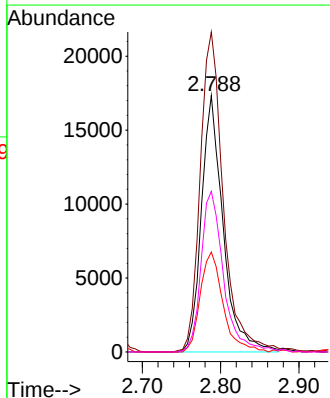
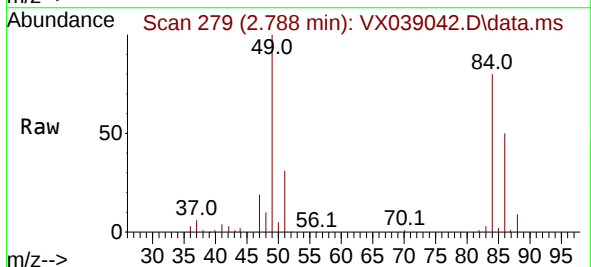
Manual Integrations
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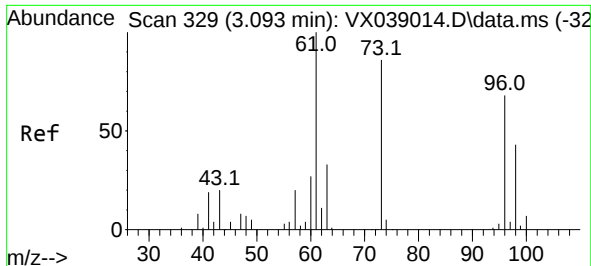
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#18
 Methylene Chloride
 Concen: 22.381 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039042.D
 Acq: 27 Nov 2023 15:59

Tgt Ion: 84 Resp: 33484
 Ion Ratio Lower Upper
 84 100
 49 124.2 103.8 155.8
 51 38.9 31.8 47.6
 86 62.7 50.8 76.2





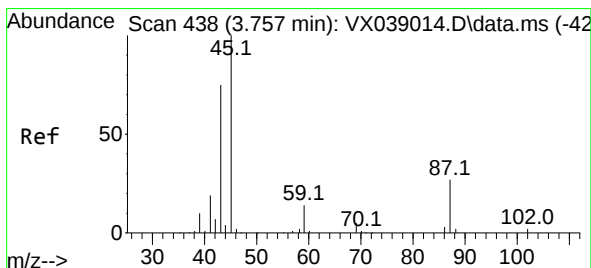
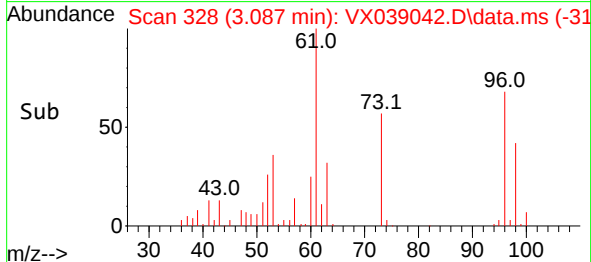
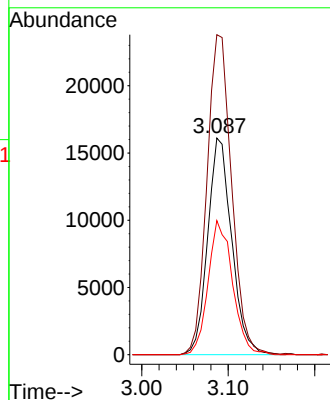
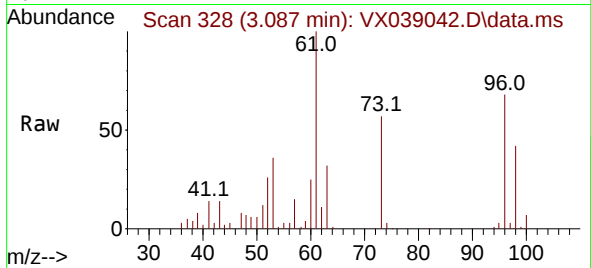
#19
trans-1,2-Dichloroethene
Concen: 21.754 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 3105
Ion Ratio Lower Upper
96 100
61 147.7 117.9 176.9
98 61.9 51.0 76.6

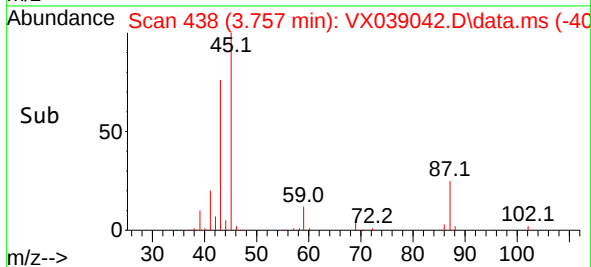
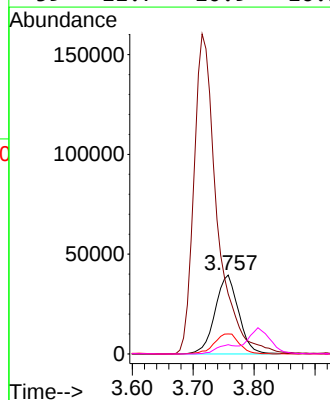
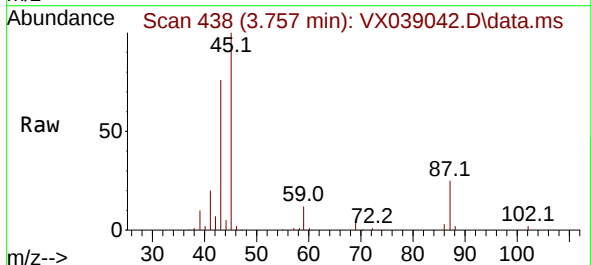
Manual Integrations
APPROVED

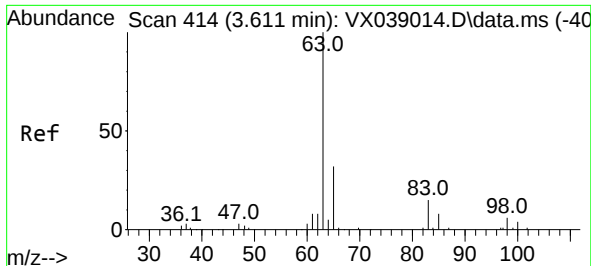
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Diisopropyl ether
Concen: 22.229 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 45 Resp: 105991
Ion Ratio Lower Upper
45 100
43 73.3 67.7 101.5
87 25.3 21.5 32.3
59 11.7 10.9 16.3





#21

1,1-Dichloroethane

Concen: 22.665 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

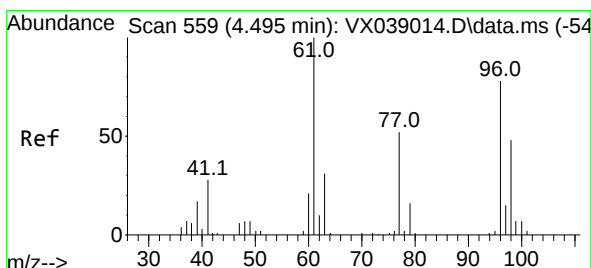
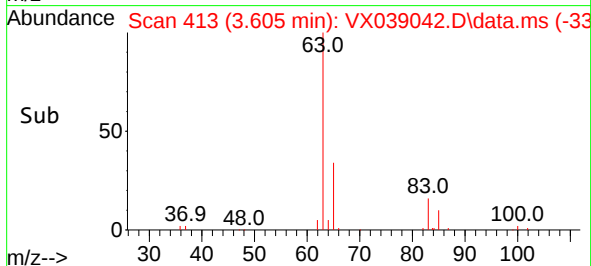
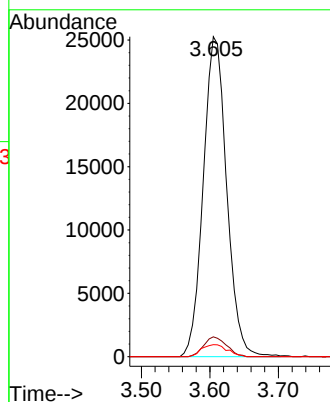
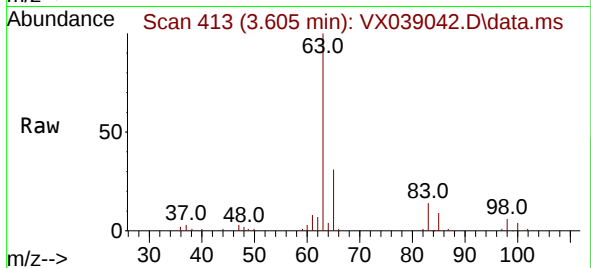
Tgt Ion:	63	Resp:	6008
Ion Ratio	Lower	Upper	
63	100		
98	6.2	2.9	8.8
100	3.7	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#22

cis-1,2-Dichloroethene

Concen: 21.277 ug/l

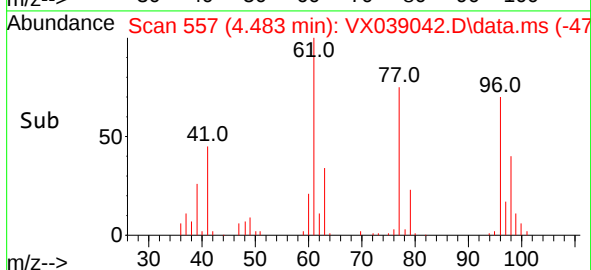
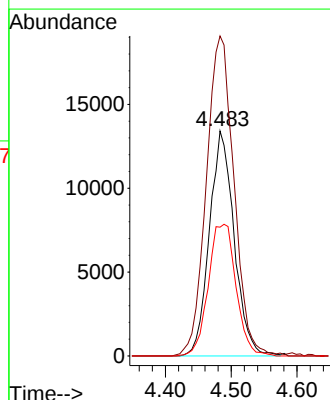
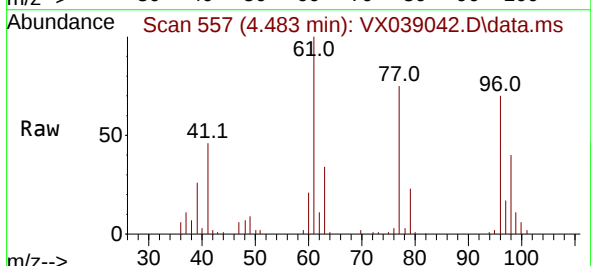
RT: 4.483 min Scan# 557

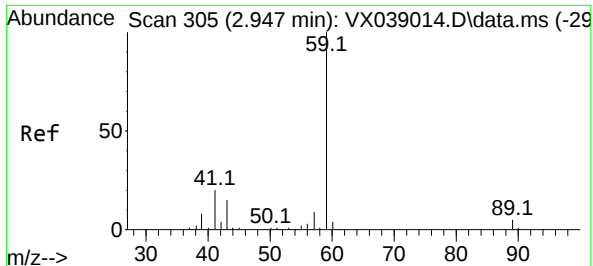
Delta R.T. -0.012 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Tgt Ion:	96	Resp:	35200
Ion Ratio	Lower	Upper	
96	100		
61	158.5	119.8	179.6
98	32.1	50.9	76.3





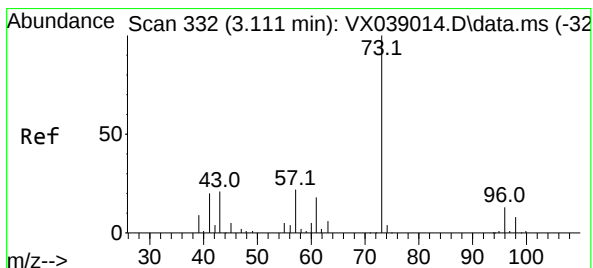
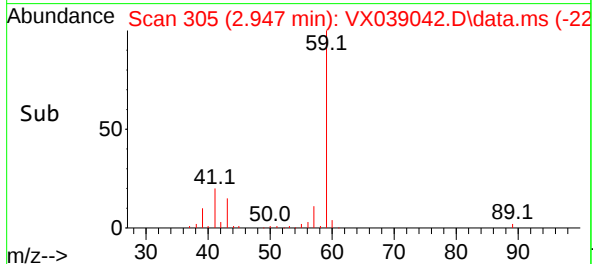
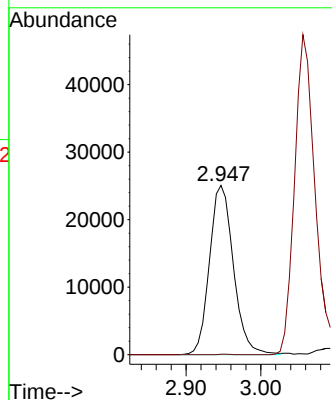
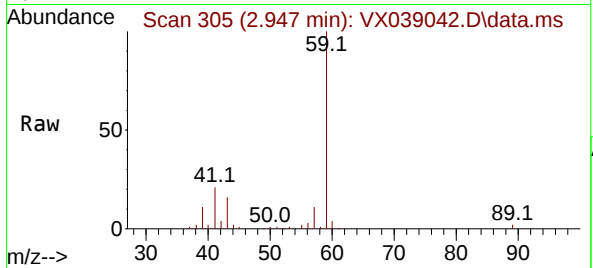
#23
tert-Butyl Alcohol
Concen: 104.865 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 5589
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

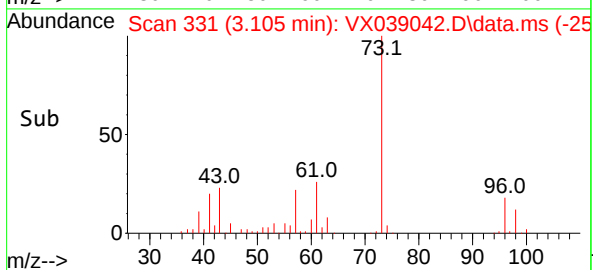
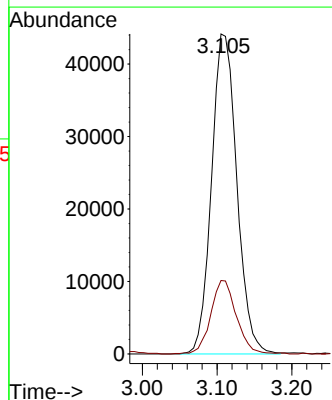
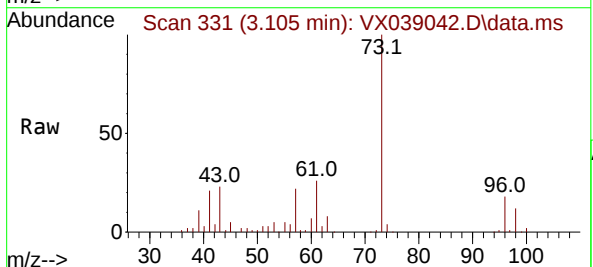
Manual Integrations
APPROVED

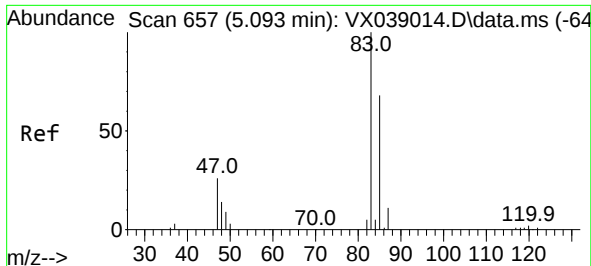
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#24
Methyl tert-Butyl Ether
Concen: 22.357 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 73 Resp: 103946
Ion Ratio Lower Upper
73 100
43 23.2 17.0 25.6





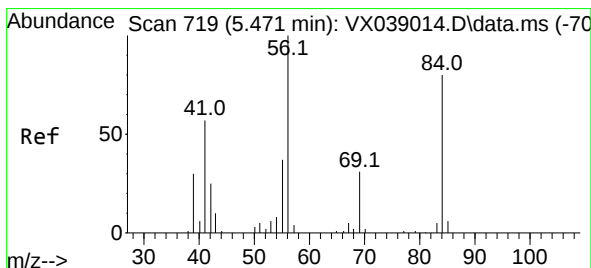
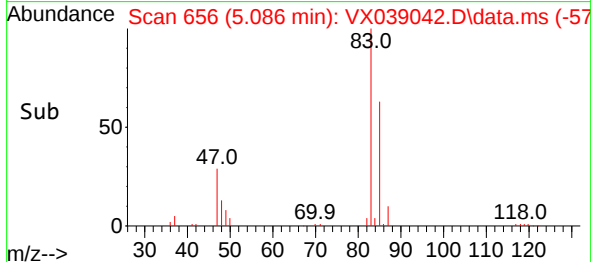
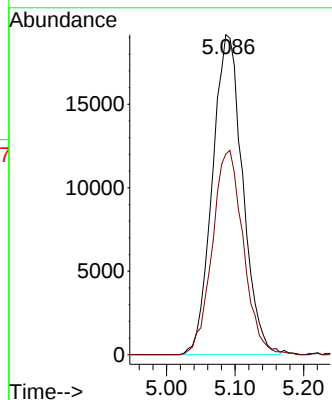
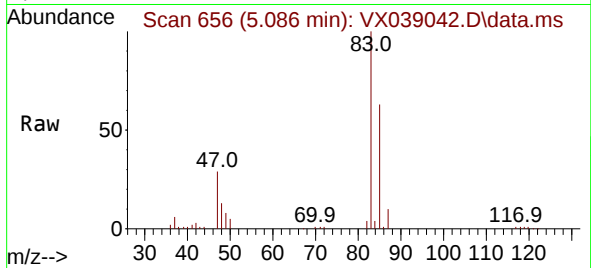
#25
Chloroform
Concen: 22.089 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5877
Ion Ratio Lower Upper
83 100
85 62.7 54.6 81.8

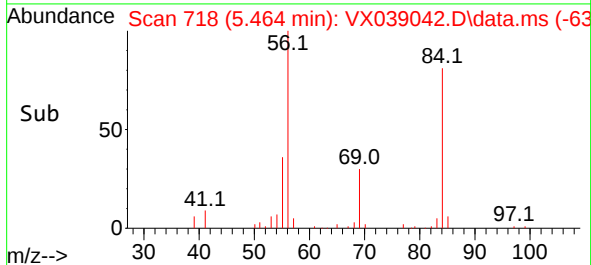
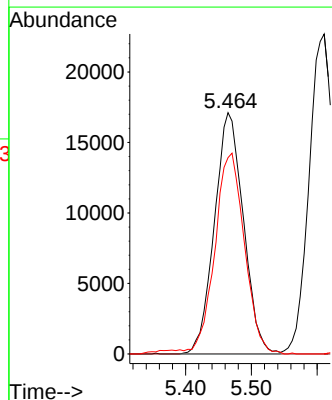
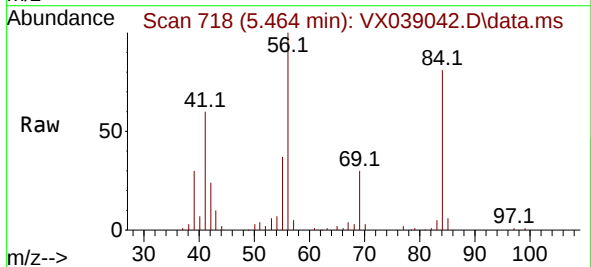
Manual Integrations
APPROVED

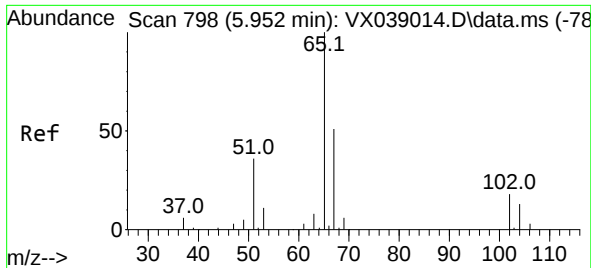
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#26
Cyclohexane
Concen: 21.885 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 56 Resp: 52512
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 67.2 100.8





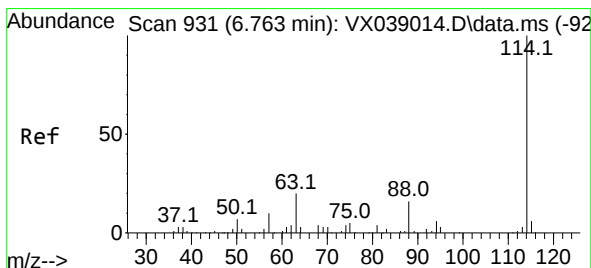
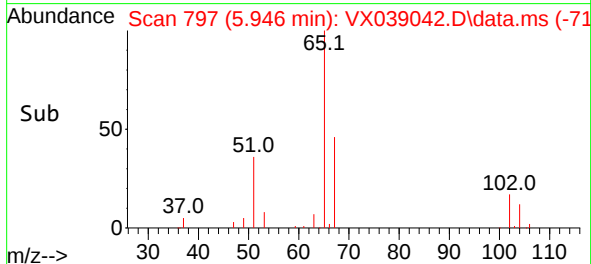
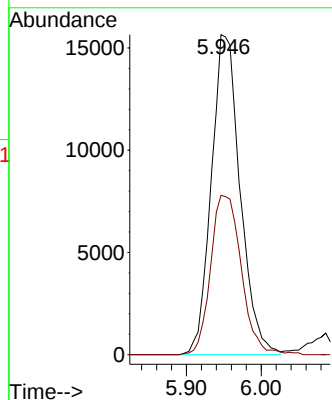
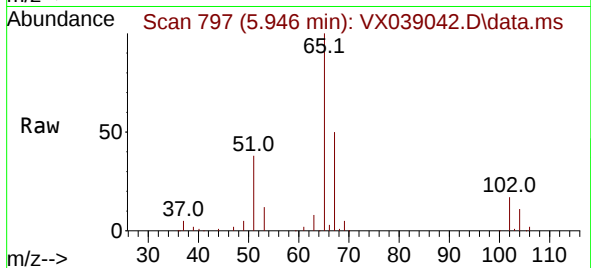
#27
1,2-Dichloroethane-d4
Concen: 33.088 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 4200
Ion Ratio Lower Upper
65 100
67 52.2 42.5 63.7

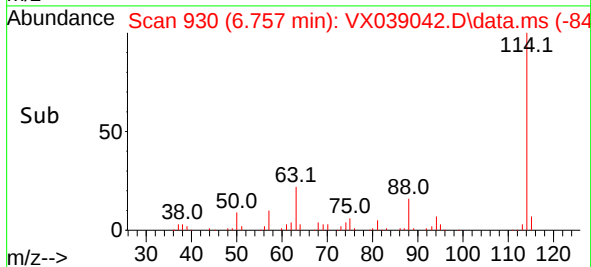
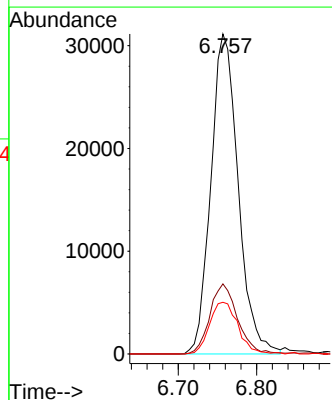
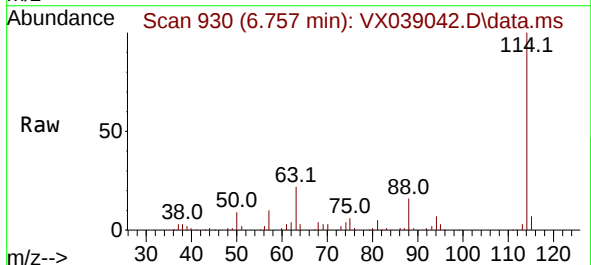
Manual Integrations
APPROVED

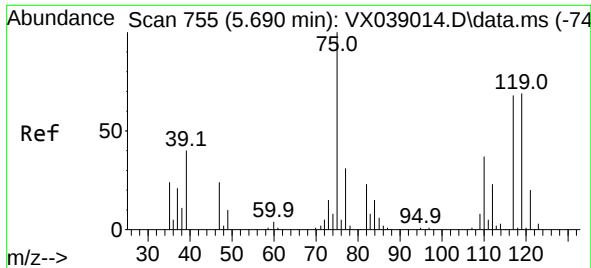
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion:114 Resp: 75485
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.457 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 45404

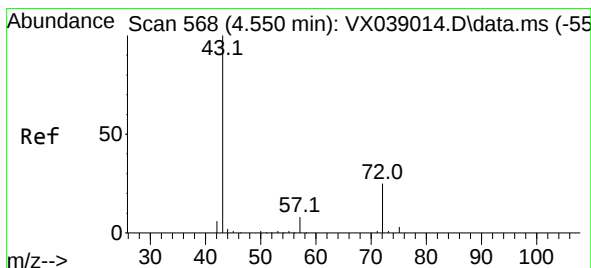
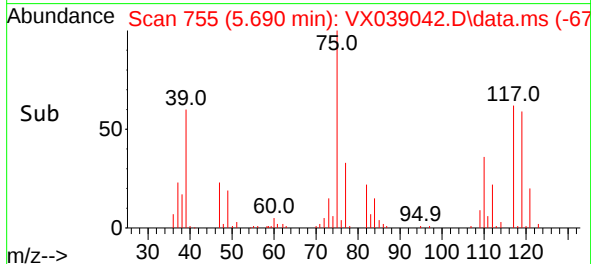
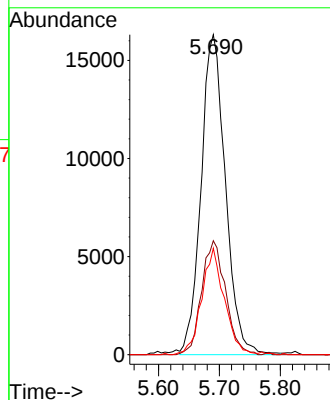
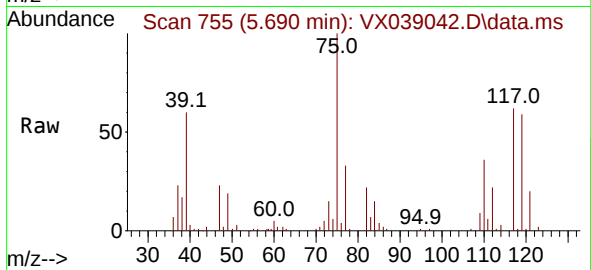
Ion	Ratio	Lower	Upper
75	100		
110	34.9	0.0	71.2
77	30.8	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

2-Butanone

Concen: 104.167 ug/l

RT: 4.544 min Scan# 567

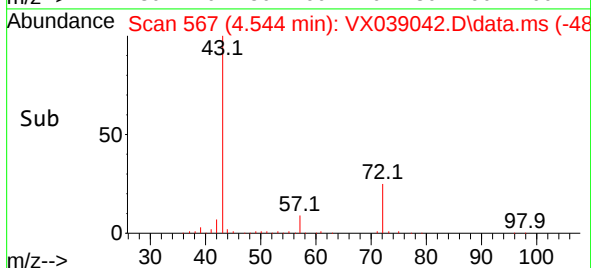
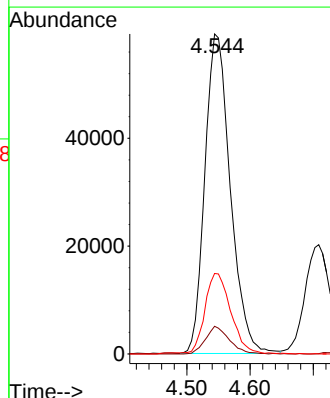
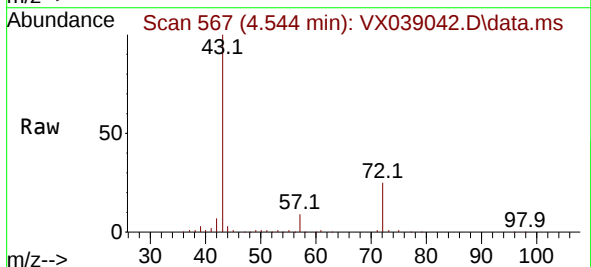
Delta R.T. -0.006 min

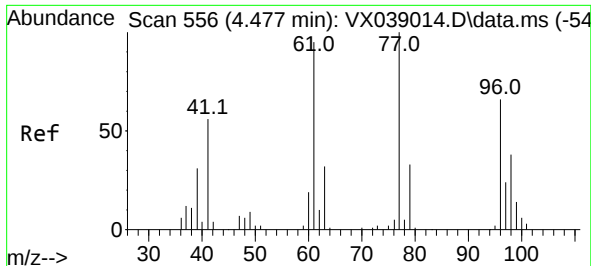
Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Tgt Ion: 43 Resp: 165956

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.5	20.6	31.0





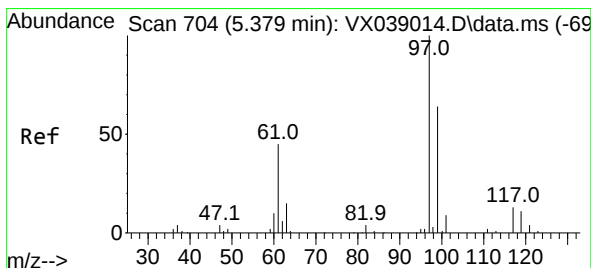
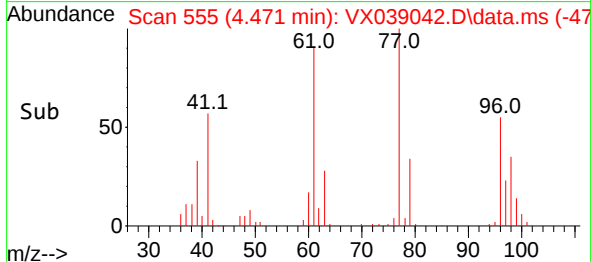
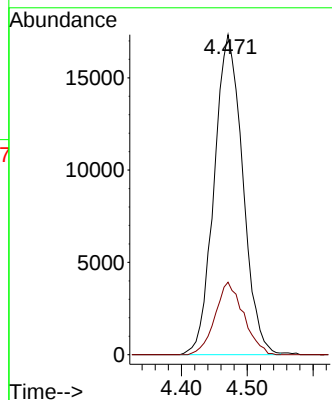
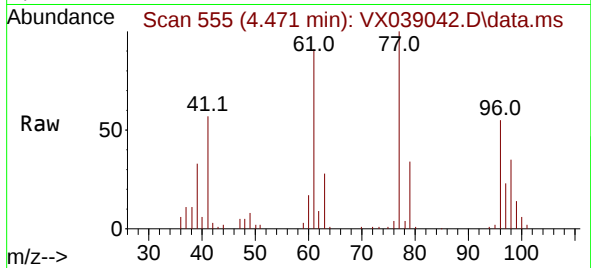
#31
2,2-Dichloropropane
Concen: 21.684 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 52462
Ion Ratio Lower Upper
77 100
97 22.6 18.2 27.4

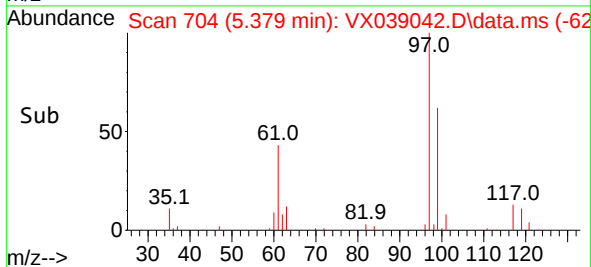
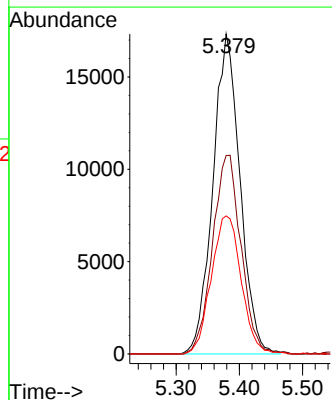
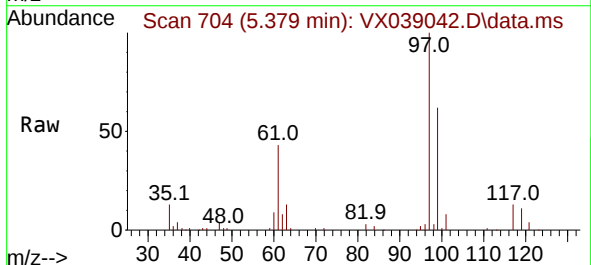
Manual Integrations
APPROVED

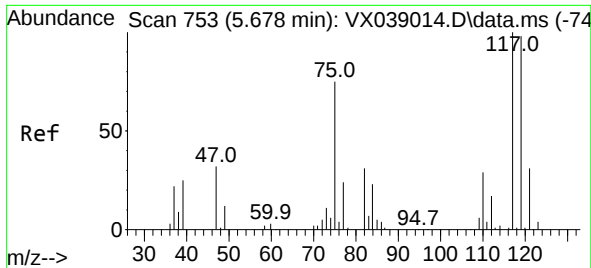
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 21.111 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

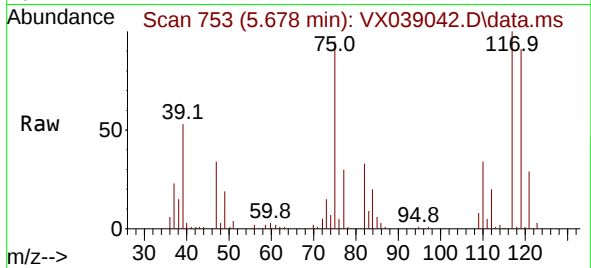
Tgt Ion: 97 Resp: 51632
Ion Ratio Lower Upper
97 100
99 65.0 52.6 79.0
61 47.3 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.820 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

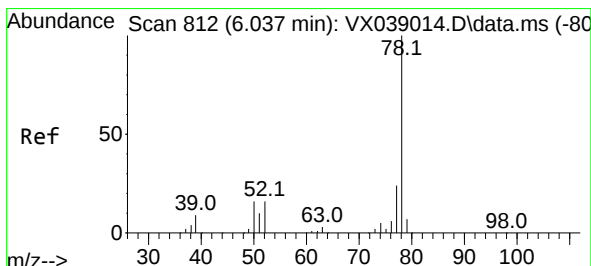
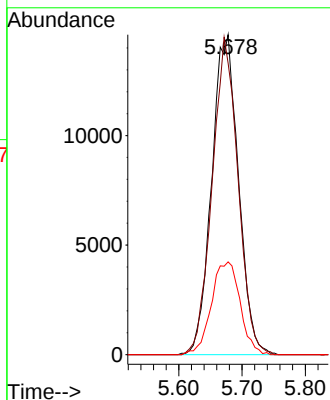
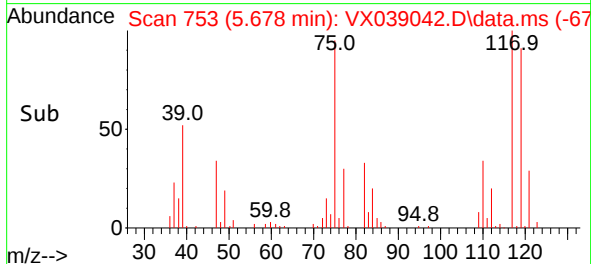
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 4289
Ion Ratio Lower Upper
117 100
119 91.1 78.2 117.4
121 29.0 24.7 37.1

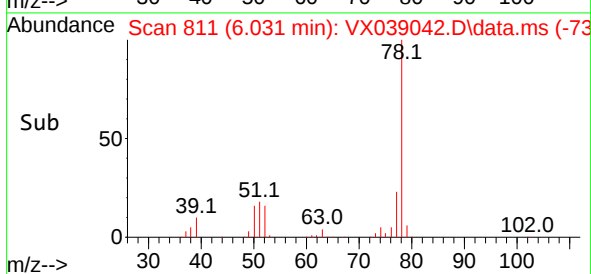
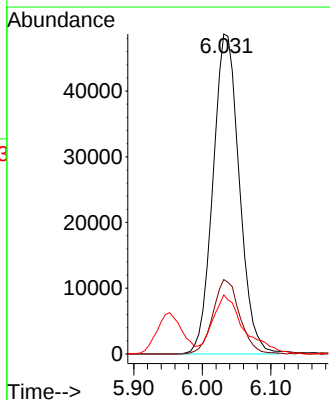
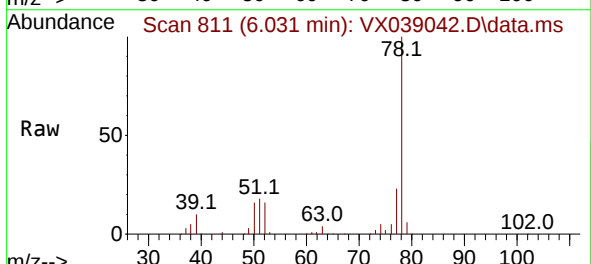
Manual Integrations
APPROVED

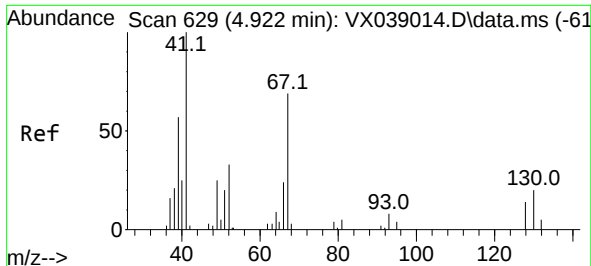
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#34
Benzene
Concen: 21.068 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 78 Resp: 129870
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 17.3 14.4 21.6





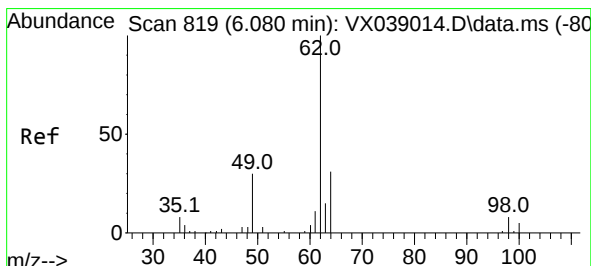
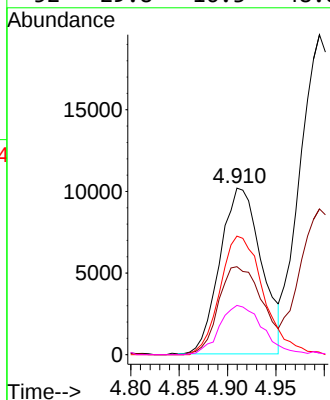
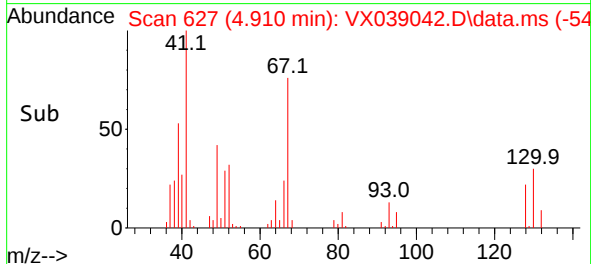
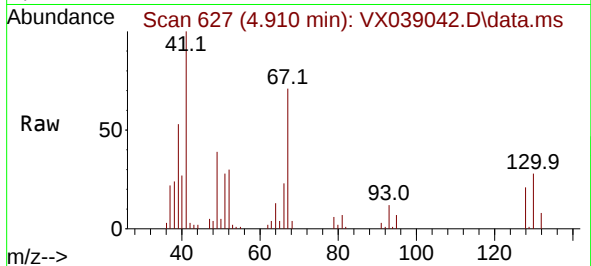
#35
Methacrylonitrile
Concen: 21.557 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 3042
Ion Ratio Lower Upper
41 100
39 53.1 28.2 84.7
67 71.6 34.5 103.5
52 29.8 16.3 48.8

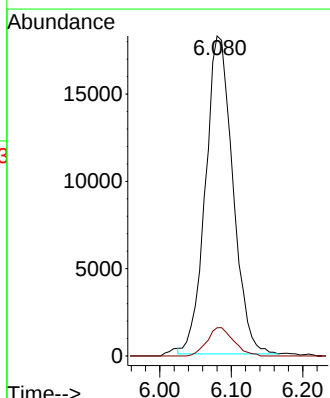
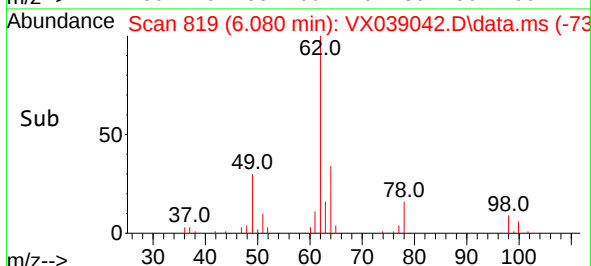
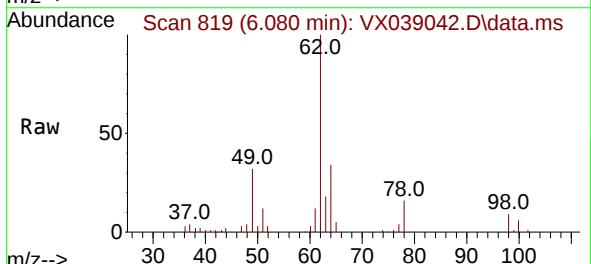
Manual Integrations
APPROVED

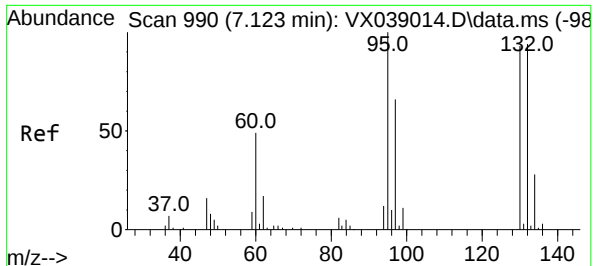
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#36
1,2-Dichloroethane
Concen: 21.391 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 62 Resp: 48382
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4





#37

Trichloroethene

Concen: 20.695 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3237

Ion Ratio Lower Upper

130 100

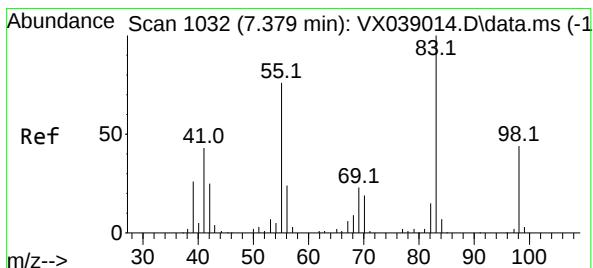
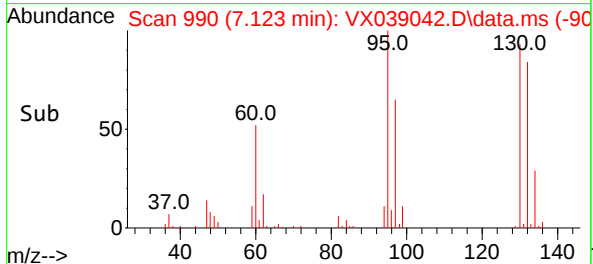
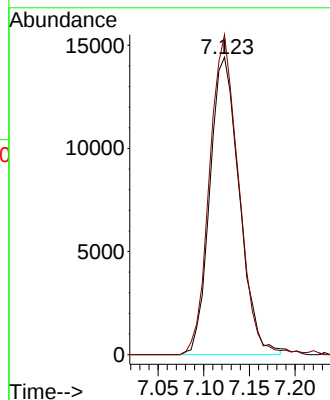
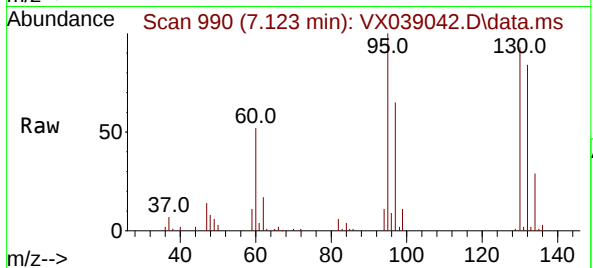
95 107.6 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Methylcyclohexane

Concen: 21.619 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

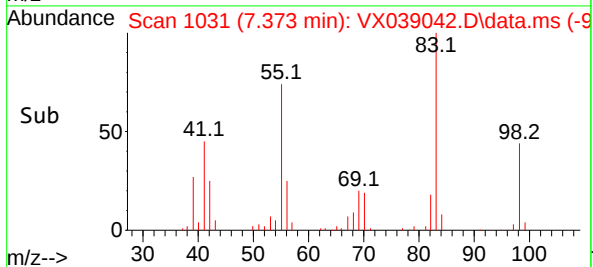
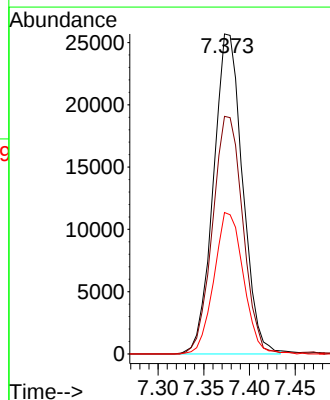
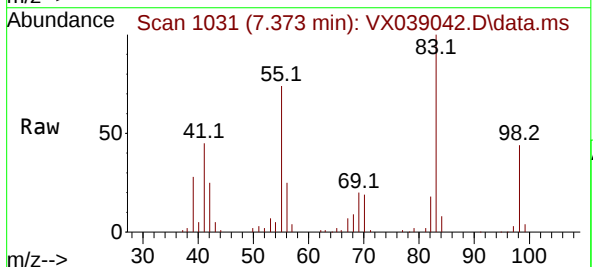
Tgt Ion: 83 Resp: 57001

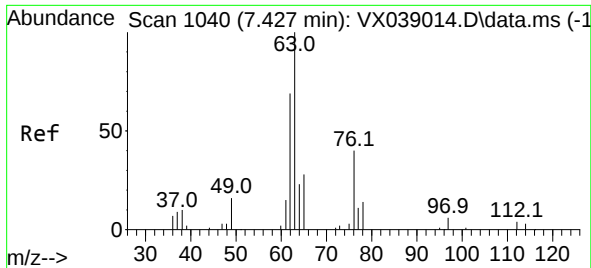
Ion Ratio Lower Upper

83 100

55 77.2 38.6 116.0

98 44.6 22.3 66.8





#39

1,2-Dichloropropane

Concen: 21.246 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 34539

Ion Ratio Lower Upper

63 100

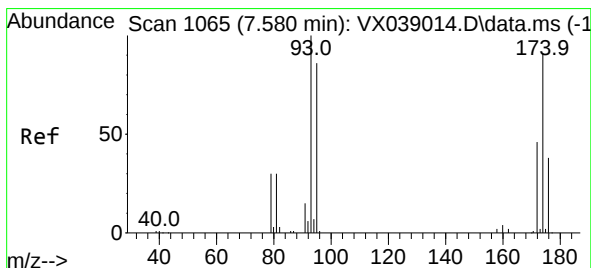
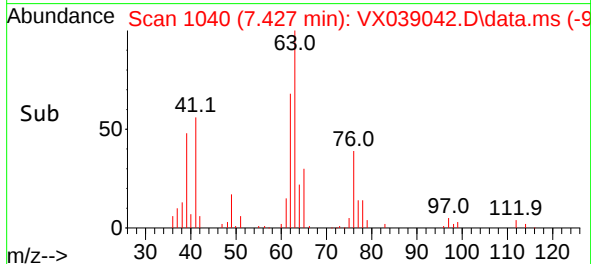
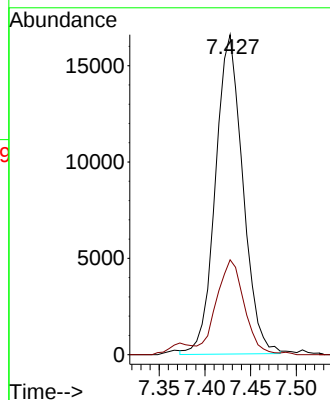
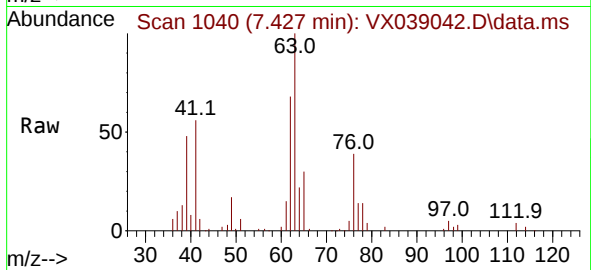
65 29.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Dibromomethane

Concen: 20.976 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

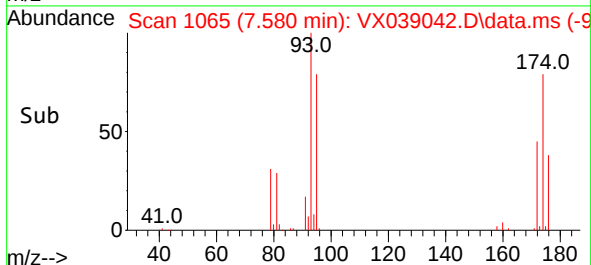
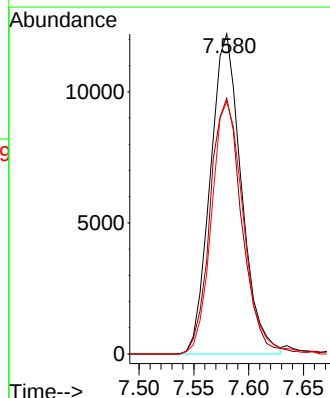
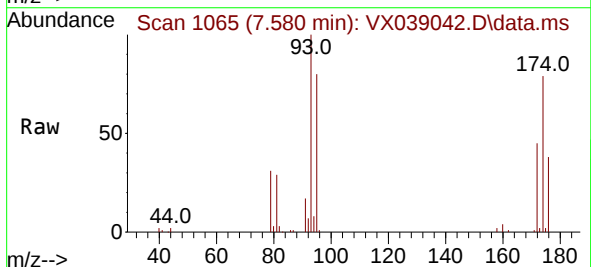
Tgt Ion: 93 Resp: 24094

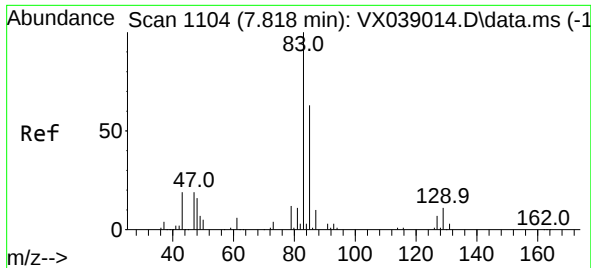
Ion Ratio Lower Upper

93 100

95 81.4 0.0 163.4

174 80.8 0.0 166.4





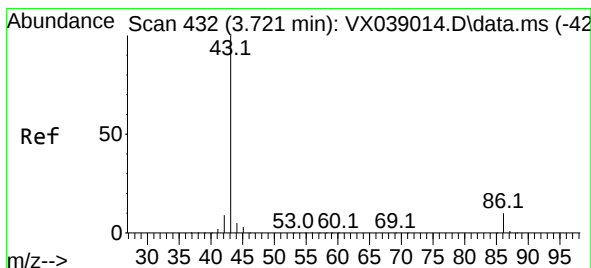
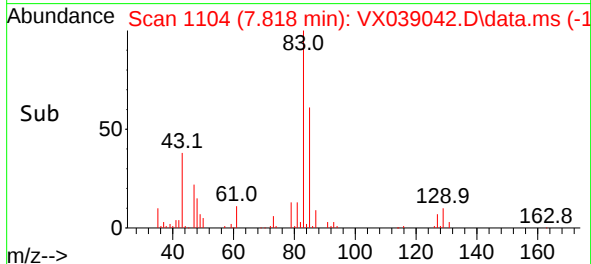
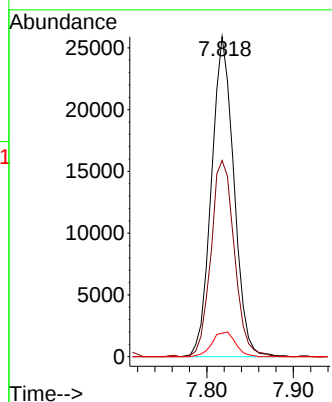
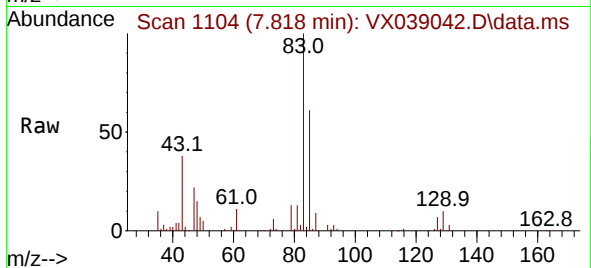
#41
Bromodichloromethane
Concen: 21.132 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 46632
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2
127 7.3 5.9 8.9

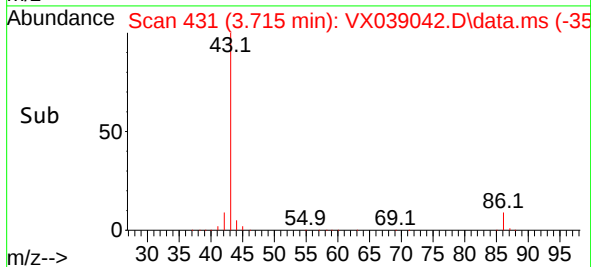
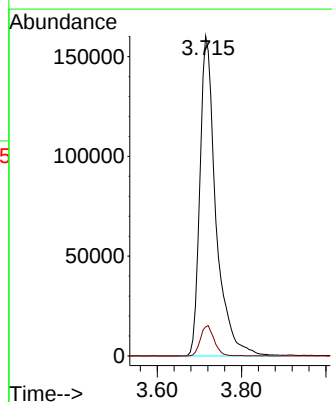
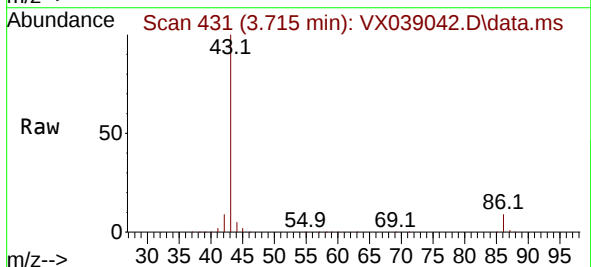
Manual Integrations
APPROVED

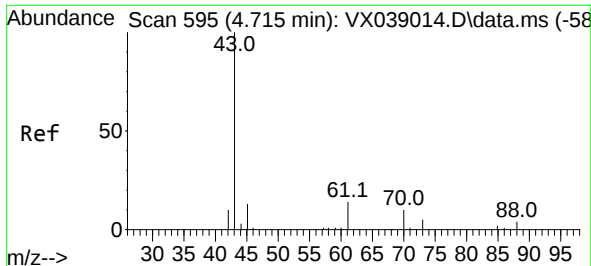
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
Vinyl Acetate
Concen: 111.987 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 43 Resp: 424948
Ion Ratio Lower Upper
43 100
86 8.1 6.7 10.1





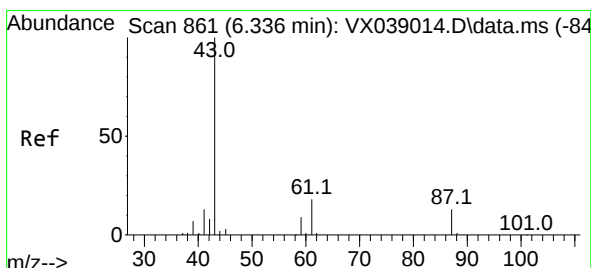
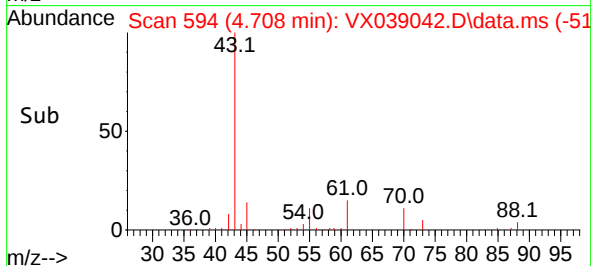
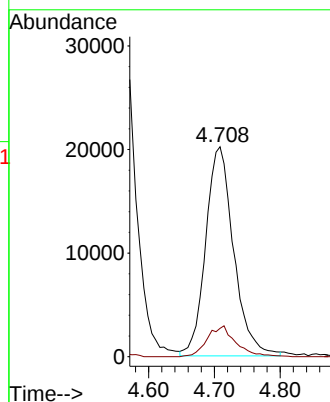
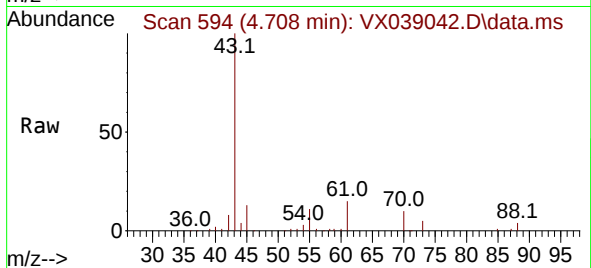
#43
Ethyl Acetate
Concen: 21.825 ug/l
RT: 4.708 min Scan# 592
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 5982
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8

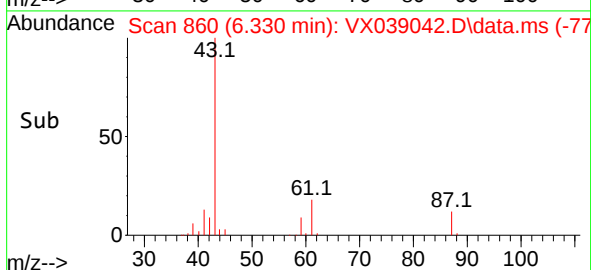
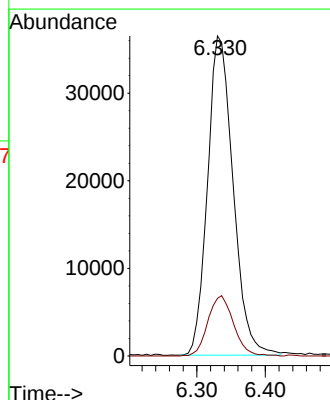
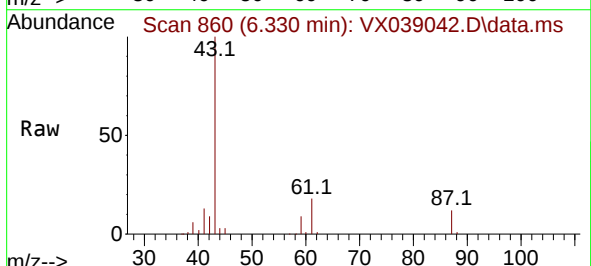
Manual Integrations
APPROVED

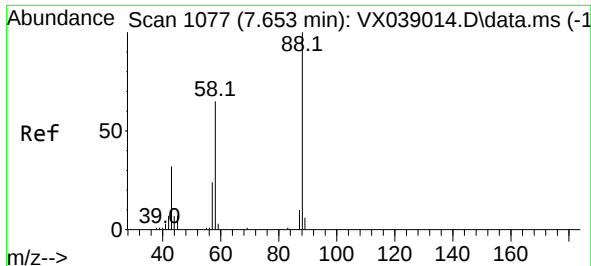
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#44
Isopropyl Acetate
Concen: 21.876 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 43 Resp: 94521
Ion Ratio Lower Upper
43 100
61 18.9 15.6 23.4





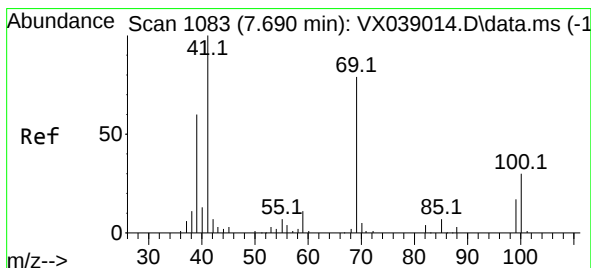
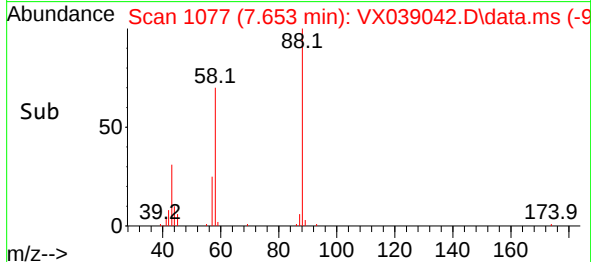
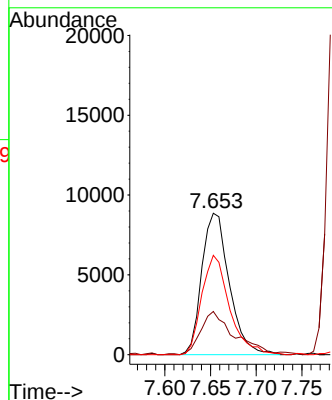
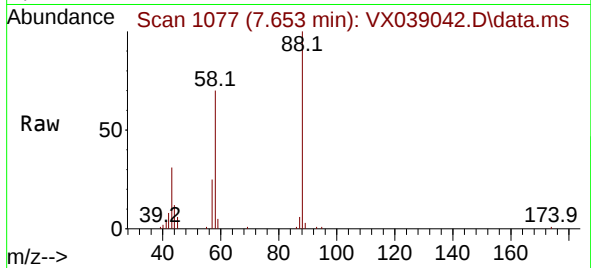
#45
1,4-Dioxane
Concen: 419.864 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 18520
Ion Ratio Lower Upper
88 100
43 29.1 28.1 42.1
58 71.0 57.7 86.5

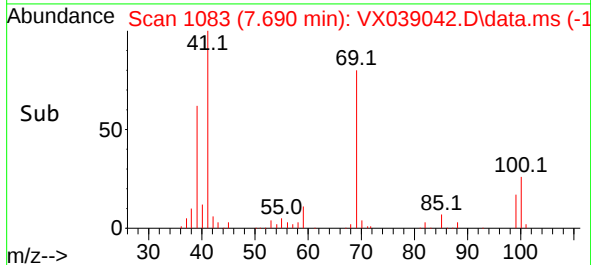
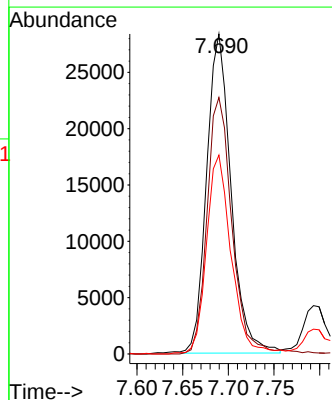
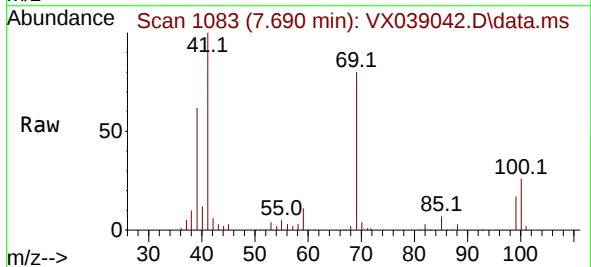
Manual Integrations
APPROVED

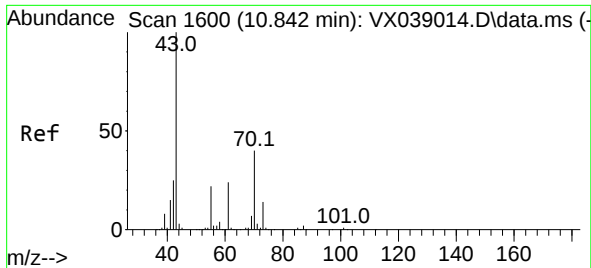
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#46
Methyl methacrylate
Concen: 21.346 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

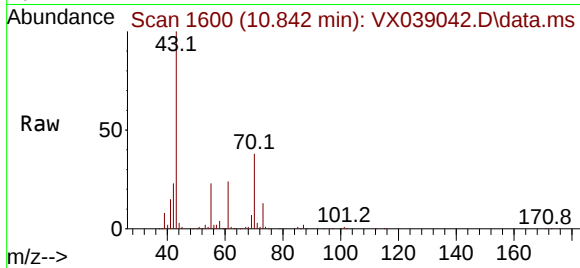
Tgt Ion: 41 Resp: 52733
Ion Ratio Lower Upper
41 100
69 80.7 39.6 118.8
39 62.2 30.1 90.3





#47
n-amy1 Acetate
Concen: 21.064 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

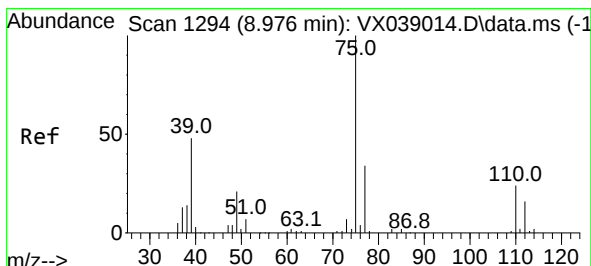
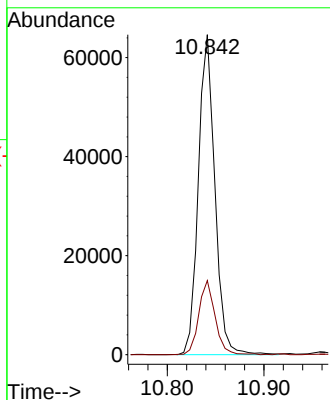
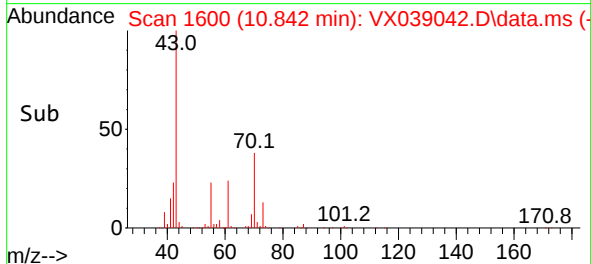
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 77033
Ion Ratio Lower Upper
43 100
55 22.4 18.2 27.2

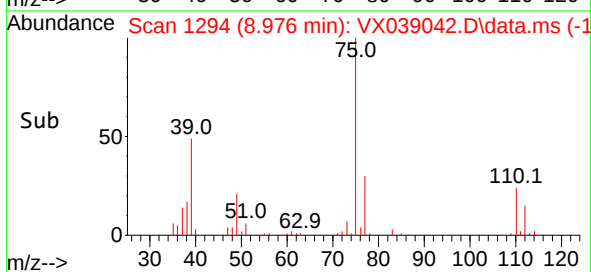
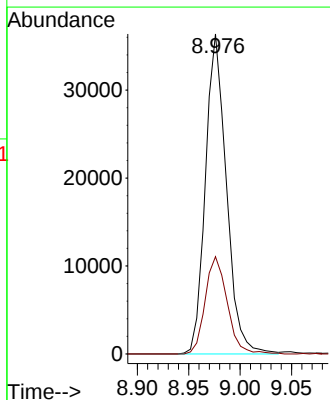
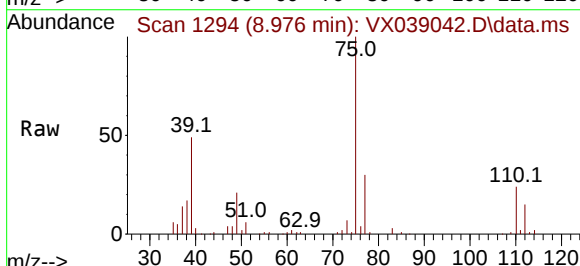
Manual Integrations
APPROVED

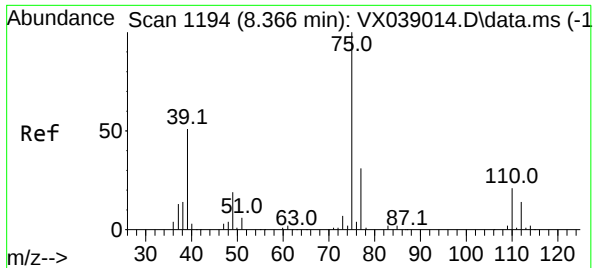
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
t-1,3-Dichloropropene
Concen: 20.178 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

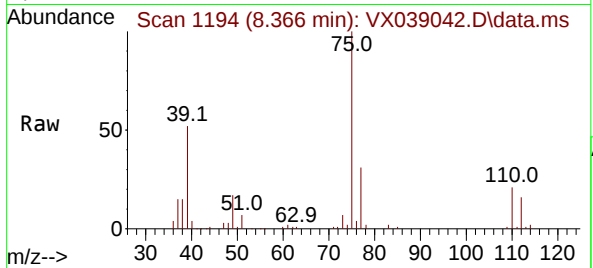
Tgt Ion: 75 Resp: 51629
Ion Ratio Lower Upper
75 100
77 30.4 26.8 40.2





#49
cis-1,3-Dichloropropene
Concen: 21.189 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

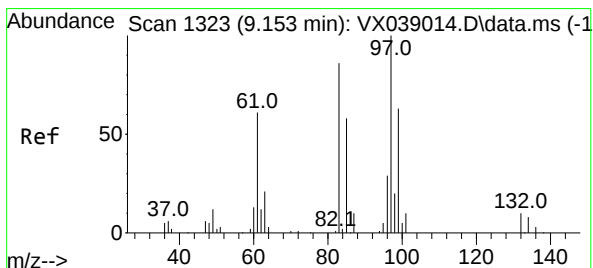
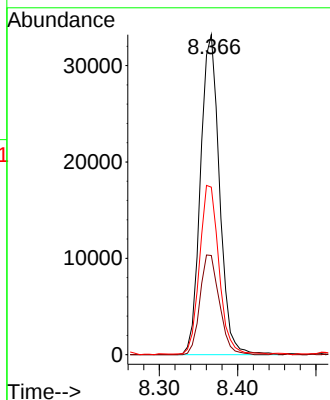
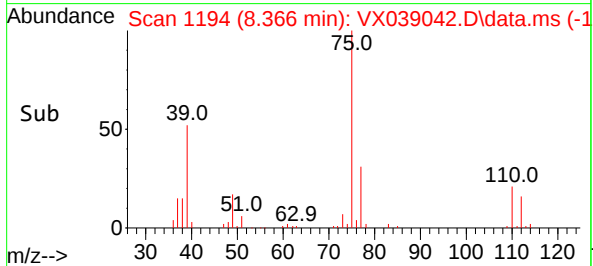
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 55928
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6
39 52.1 40.6 60.8

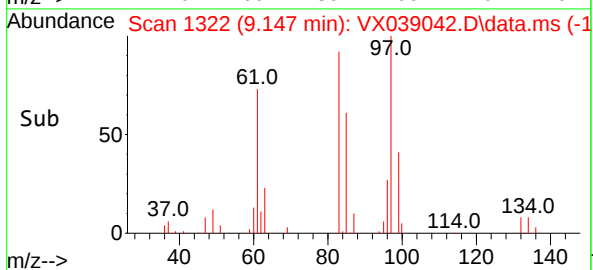
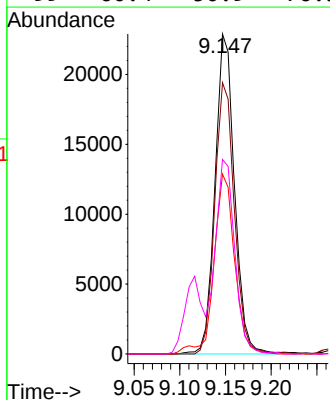
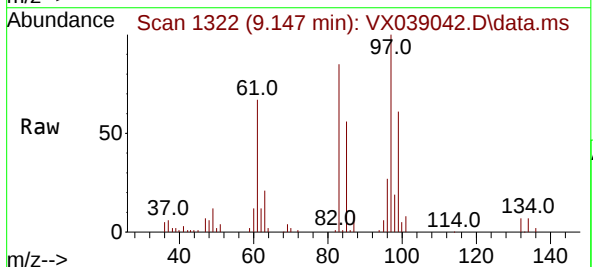
Manual Integrations
APPROVED

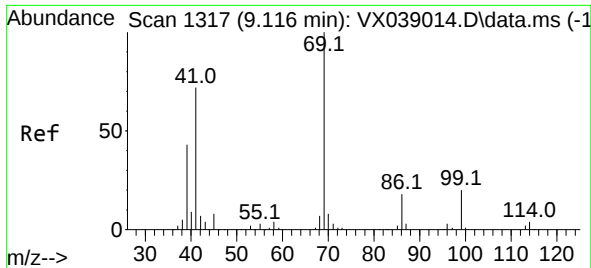
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#50
1,1,2-Trichloroethane
Concen: 21.723 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

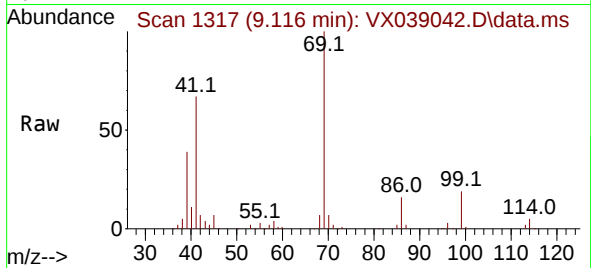
Tgt Ion: 97 Resp: 33895
Ion Ratio Lower Upper
97 100
83 84.7 69.0 103.6
85 56.2 46.3 69.5
99 60.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 21.255 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

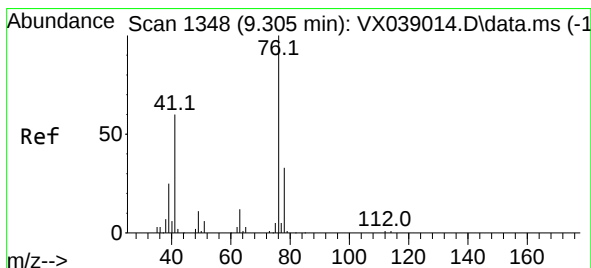
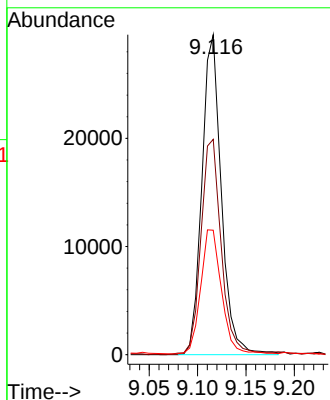
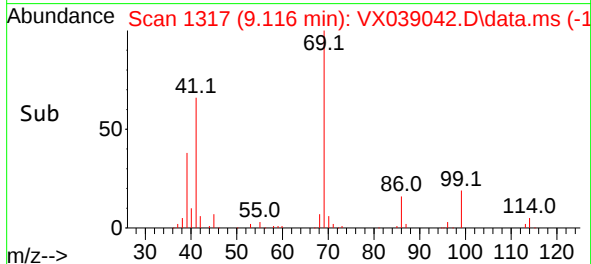
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



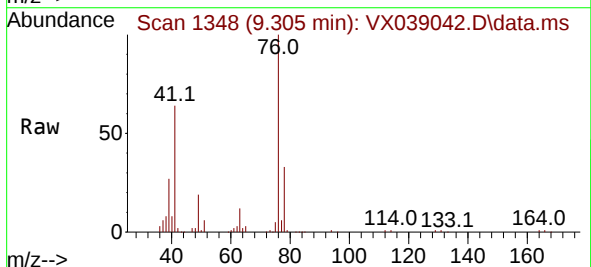
Tgt Ion: 69 Resp: 41515
Ion Ratio Lower Upper
69 100
41 66.8 36.2 108.6
39 38.6 21.1 63.4

Manual Integrations
APPROVED

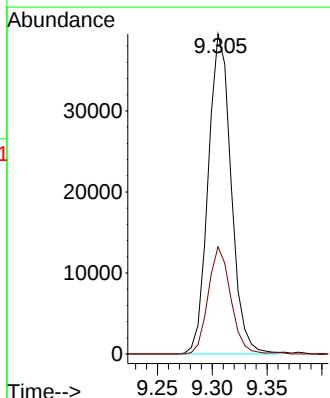
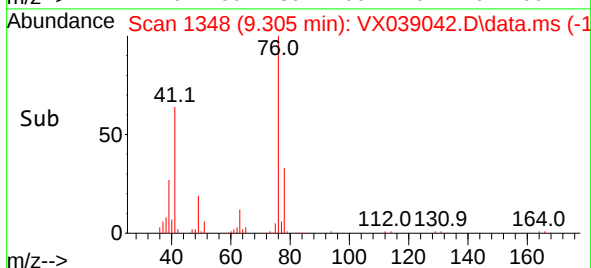
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

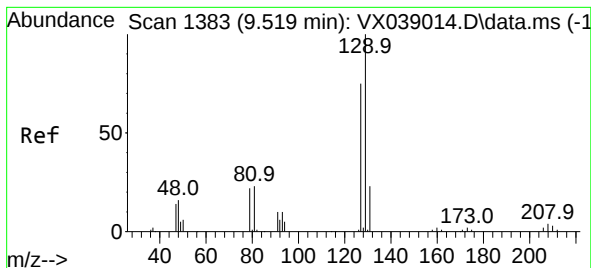


#52
1,3-Dichloropropane
Concen: 21.478 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



Tgt Ion: 76 Resp: 57465
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.0





#53

Dibromochloromethane

Concen: 20.571 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 3447

Ion Ratio Lower Upper

129 100

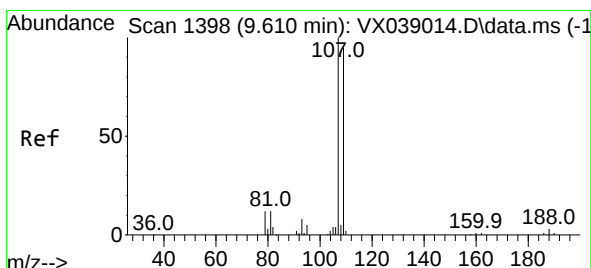
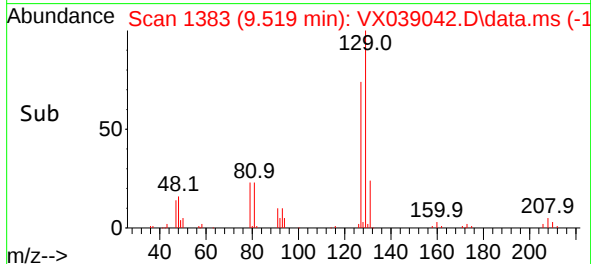
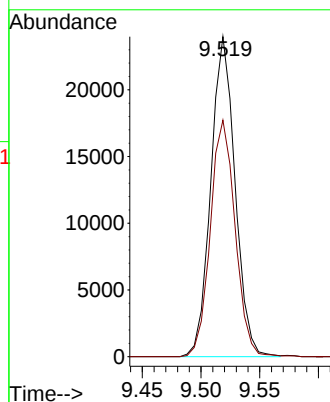
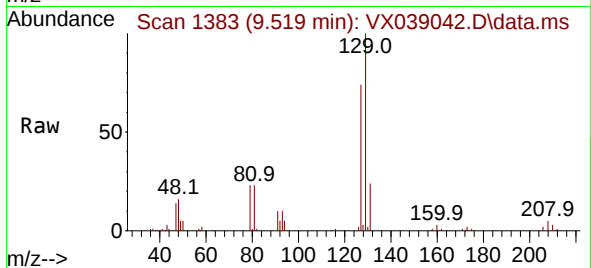
127 75.1 38.3 114.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#54

1,2-Dibromoethane

Concen: 20.858 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039042.D

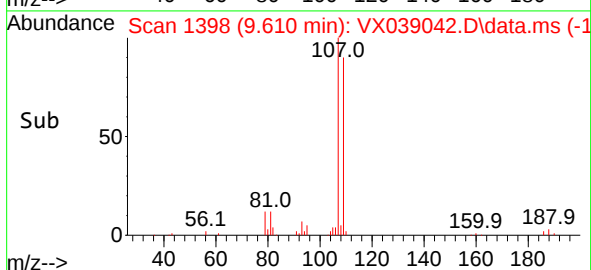
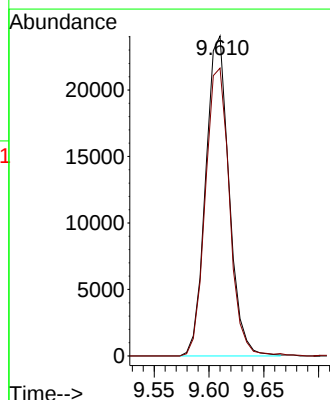
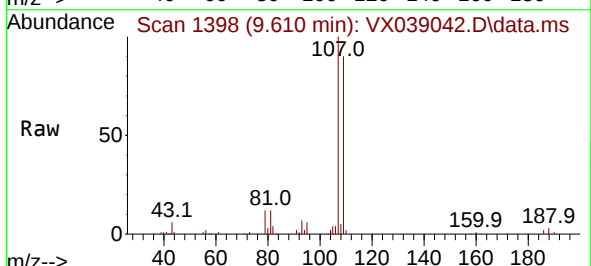
Acq: 27 Nov 2023 15:59

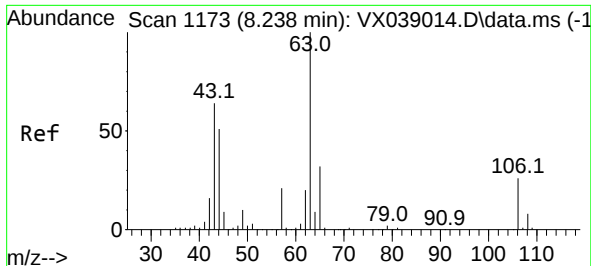
Tgt Ion:107 Resp: 35691

Ion Ratio Lower Upper

107 100

109 92.5 75.1 112.7





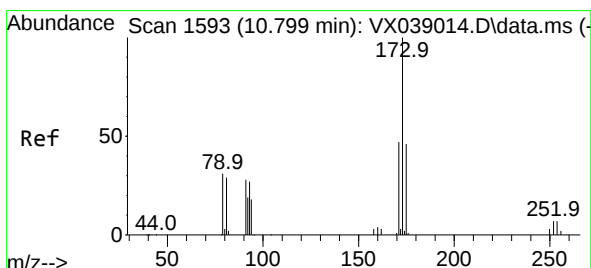
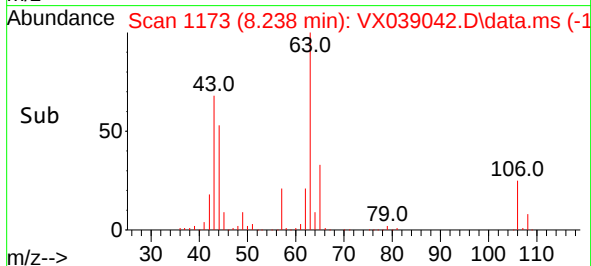
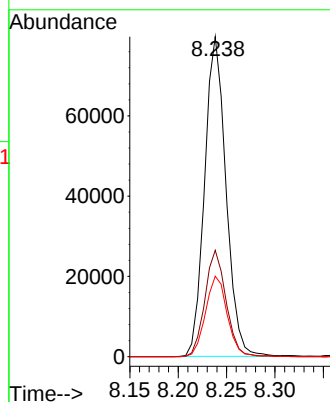
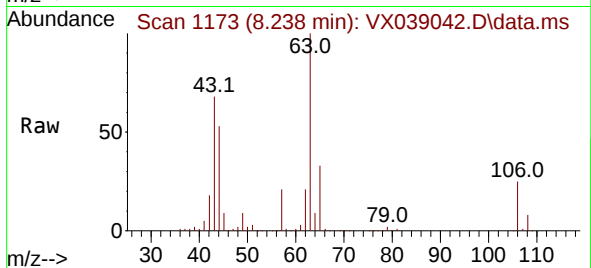
#55
2-Chloroethyl vinyl ether
Concen: 99.282 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 122914
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 25.6 20.6 31.0

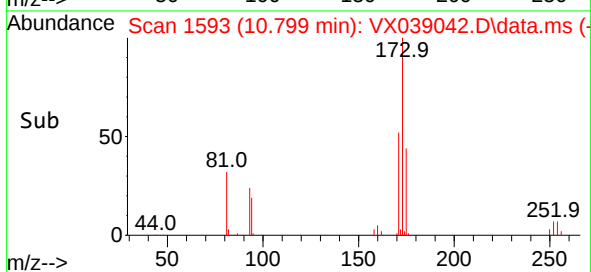
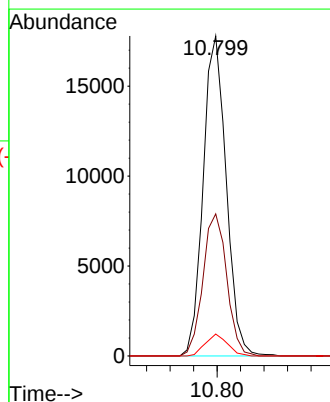
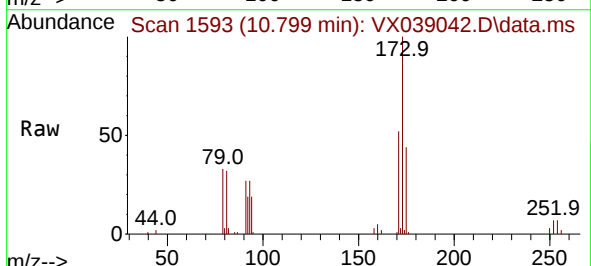
Manual Integrations
APPROVED

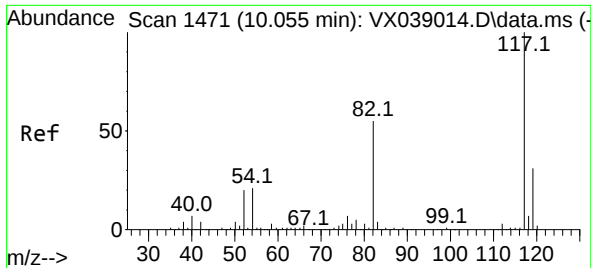
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#56
Bromoform
Concen: 20.023 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion:173 Resp: 24217
Ion Ratio Lower Upper
173 100
175 45.9 37.6 56.4
254 6.6 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 94424

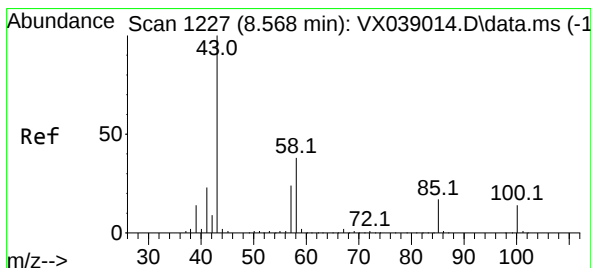
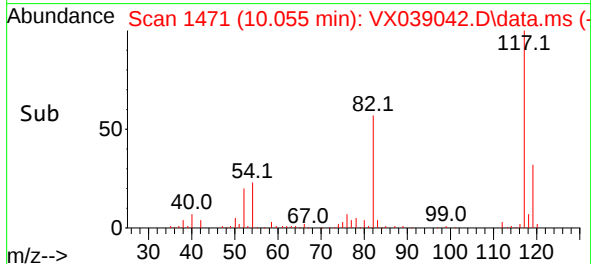
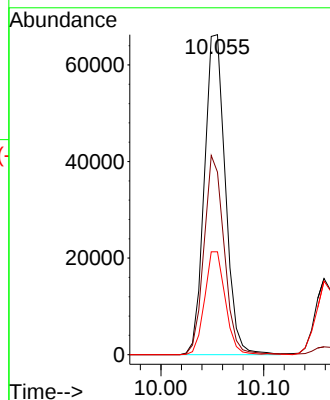
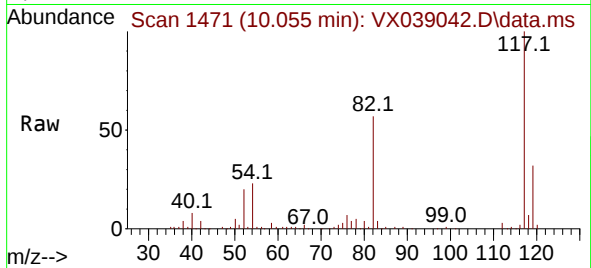
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.0	70.6
119	31.5	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#58

4-Methyl-2-Pentanone

Concen: 107.895 ug/l

RT: 8.568 min Scan# 1227

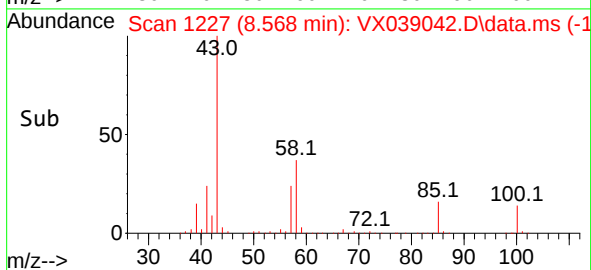
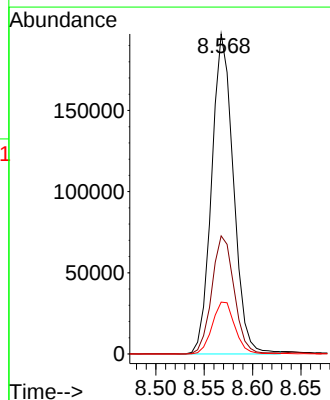
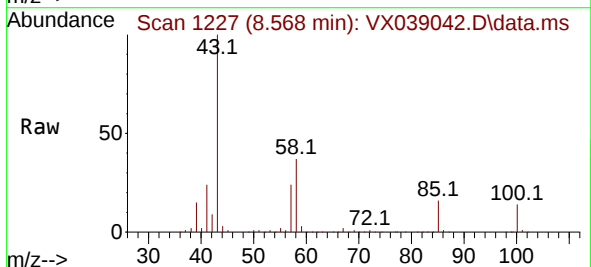
Delta R.T. -0.000 min

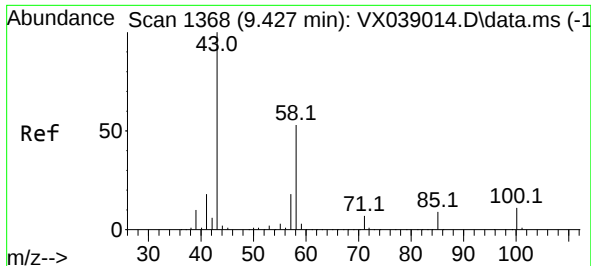
Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Tgt Ion: 43 Resp: 308946

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.1	45.1
85	16.8	13.9	20.9





#59

2-Hexanone

Concen: 105.701 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 24843

Ion Ratio Lower Upper

43 100

58 53.2 42.7 64.1

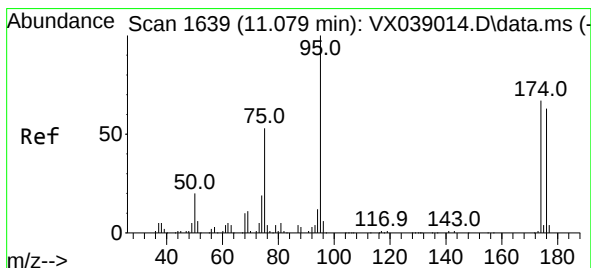
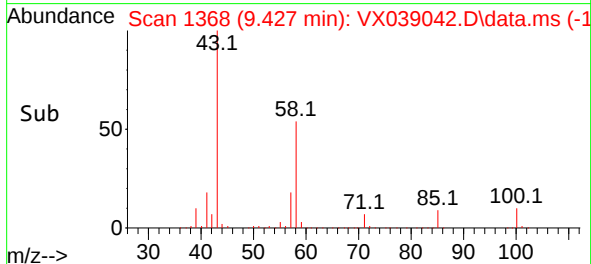
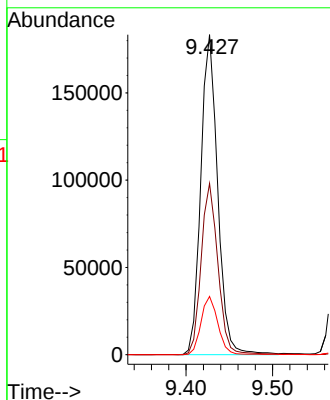
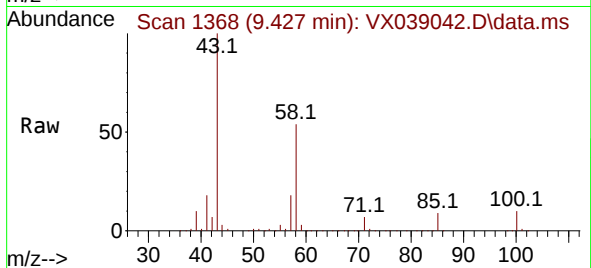
57 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#60

4-Bromofluorobenzene

Concen: 29.972 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

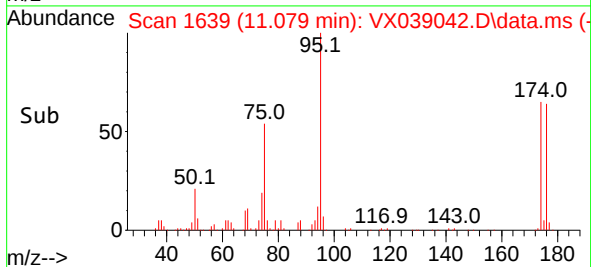
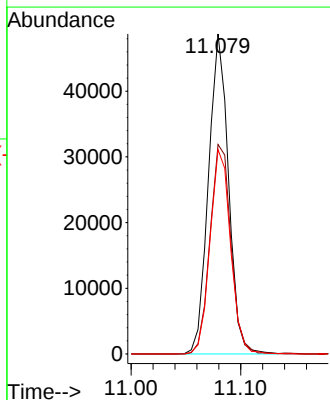
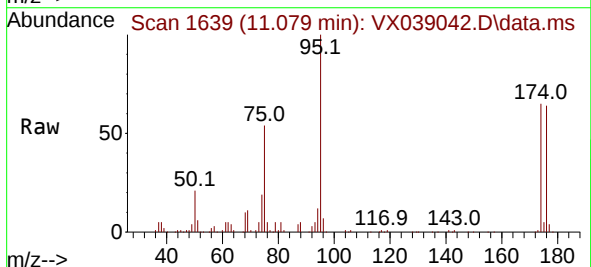
Tgt Ion: 95 Resp: 61814

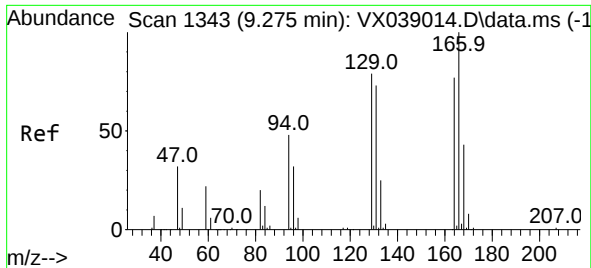
Ion Ratio Lower Upper

95 100

174 68.4 55.4 83.2

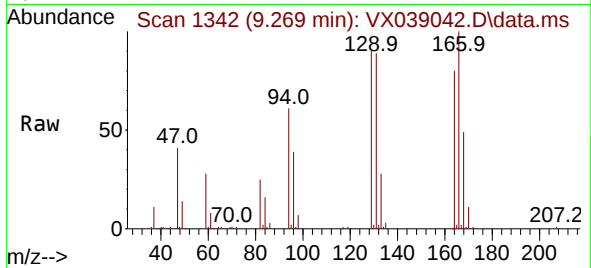
176 65.3 52.6 78.8





#61
Tetrachloroethene
Concen: 20.536 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

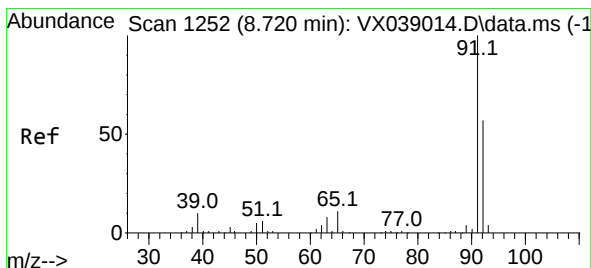
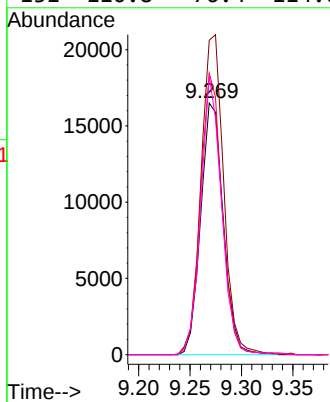
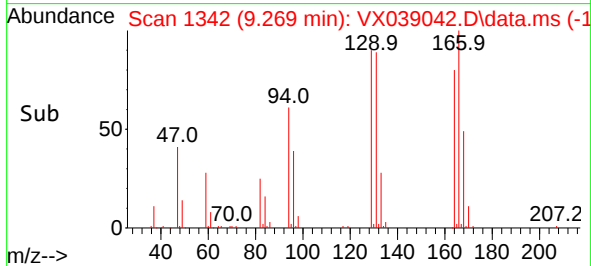
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 2521
Ion Ratio Lower Upper
164 100
166 124.9 104.0 156.0
129 111.5 82.0 123.0
131 110.8 76.4 114.6

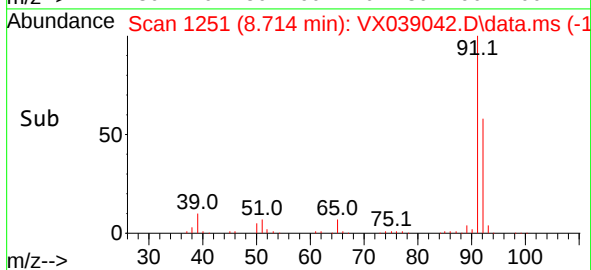
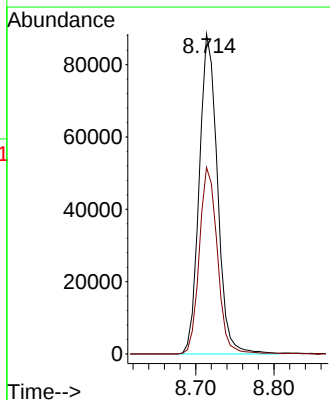
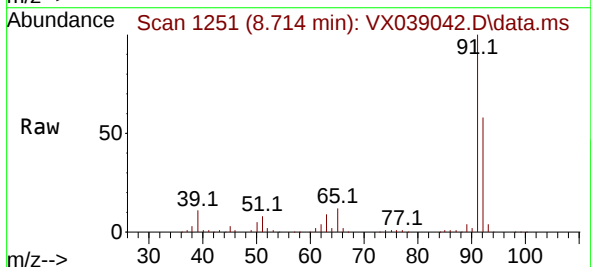
Manual Integrations
APPROVED

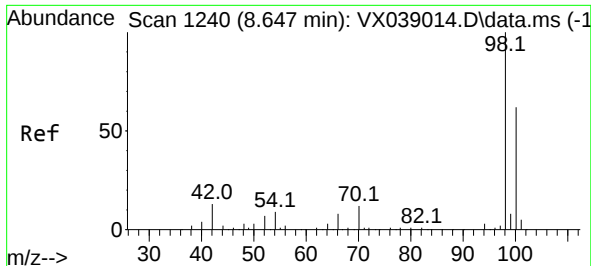
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#62
Toluene
Concen: 21.281 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

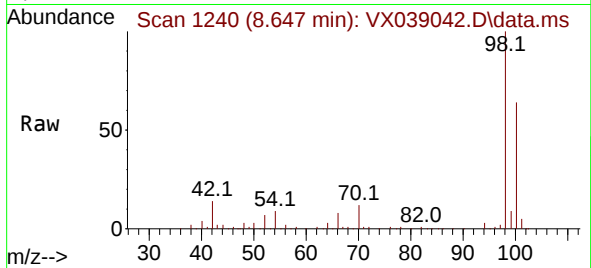
Tgt Ion: 91 Resp: 142664
Ion Ratio Lower Upper
91 100
92 57.8 45.9 68.9





#63
Toluene-d8
Concen: 30.688 ug/l
RT: 8.647 min Scan# 114564
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

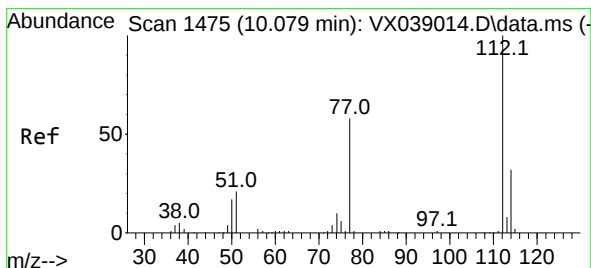
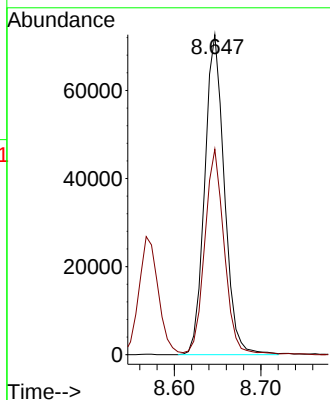
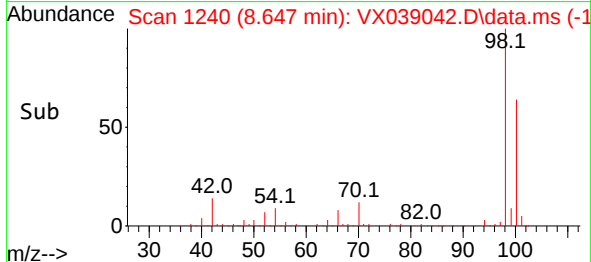
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



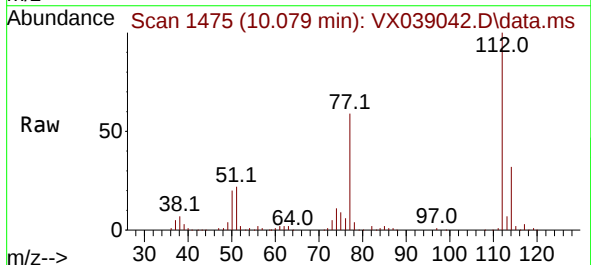
Tgt Ion: 98 Resp: 114564
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.4

Manual Integrations
APPROVED

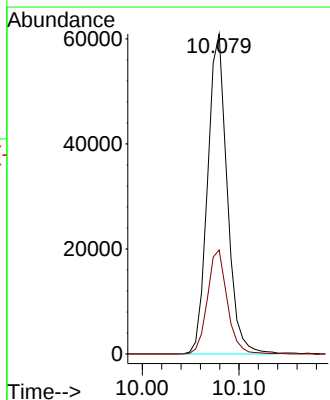
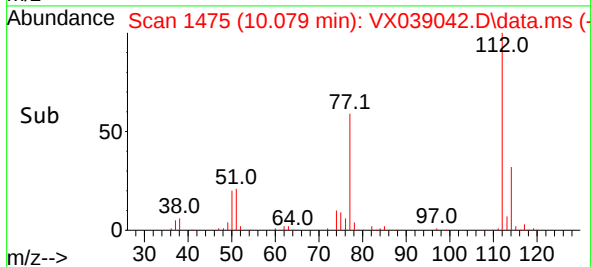
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

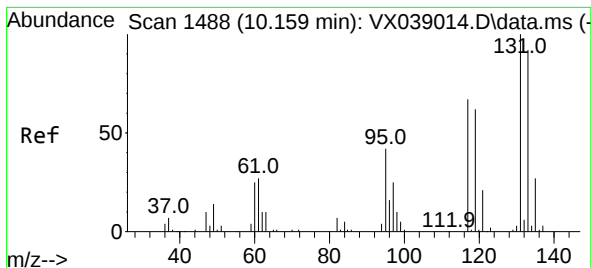


#64
Chlorobenzene
Concen: 21.018 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



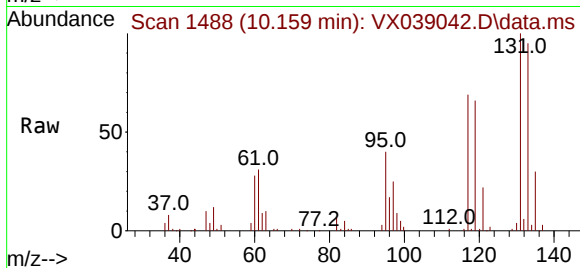
Tgt Ion:112 Resp: 85707
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 21.178 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

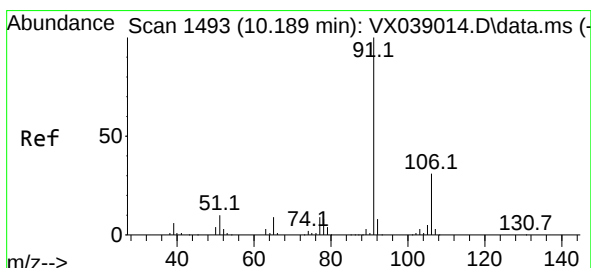
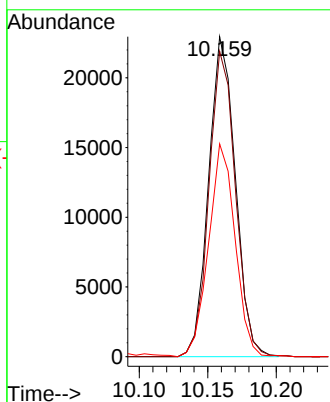
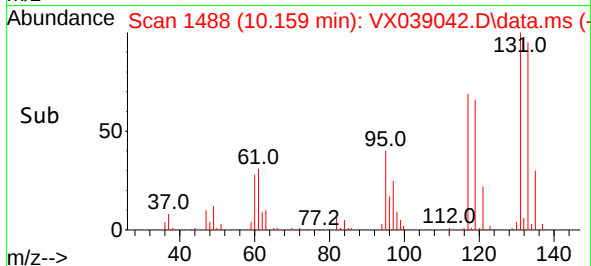
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 3110
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.8
119 65.9 0.0 135.4

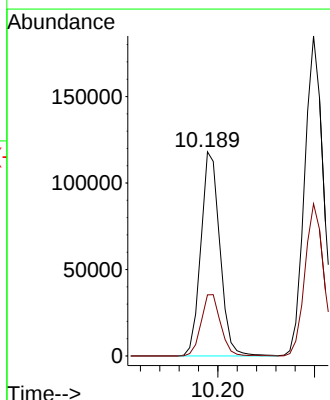
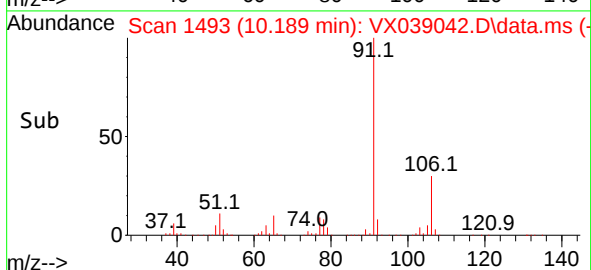
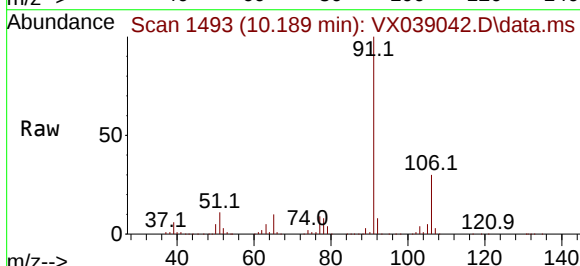
Manual Integrations
APPROVED

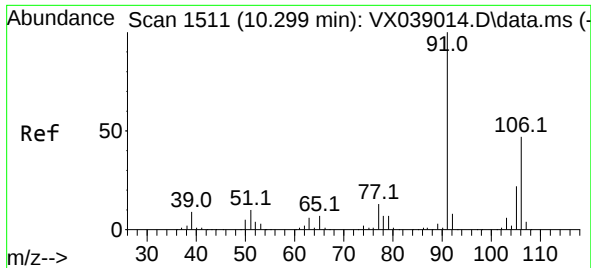
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
Ethyl Benzene
Concen: 21.180 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 91 Resp: 161678
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





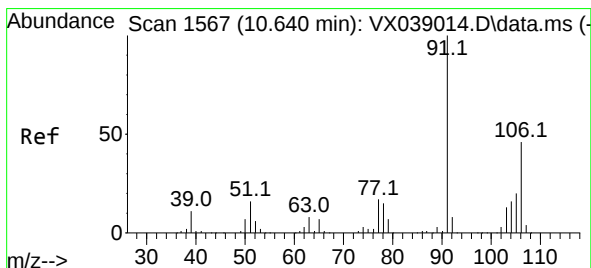
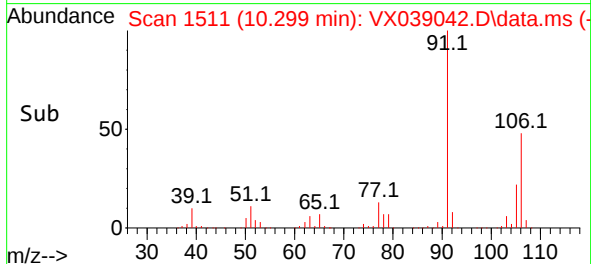
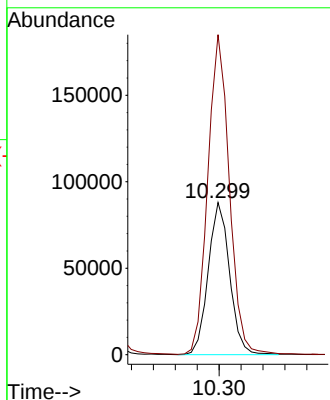
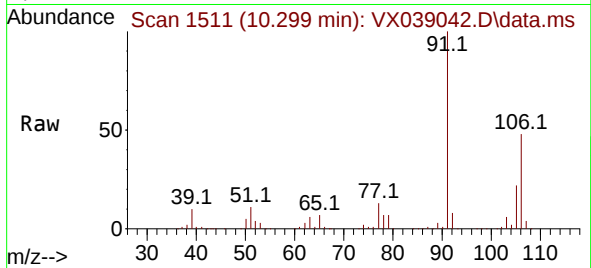
#67
m/p-Xylenes
Concen: 42.354 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 11947
Ion Ratio Lower Upper
106 100
91 212.4 169.4 254.0

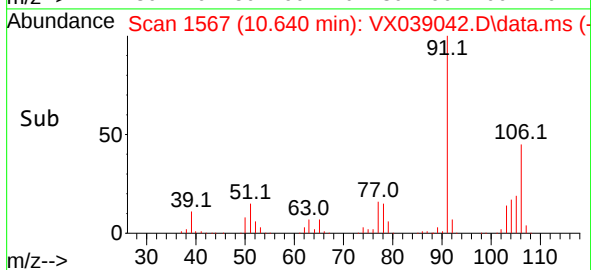
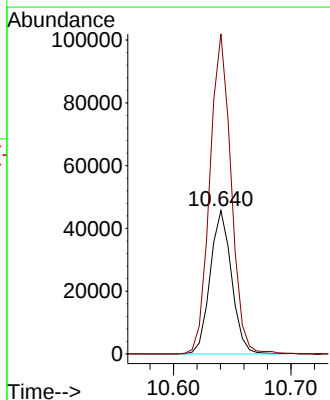
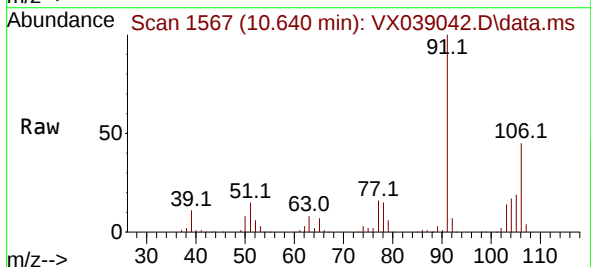
Manual Integrations
APPROVED

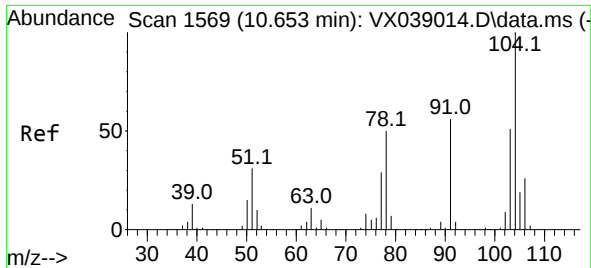
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
o-Xylene
Concen: 21.165 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

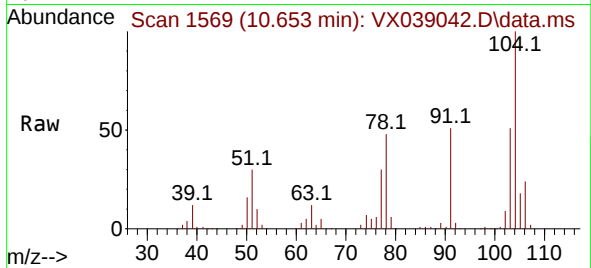
Tgt Ion:106 Resp: 57831
Ion Ratio Lower Upper
106 100
91 221.6 111.2 333.6





#69
Styrene
Concen: 20.737 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

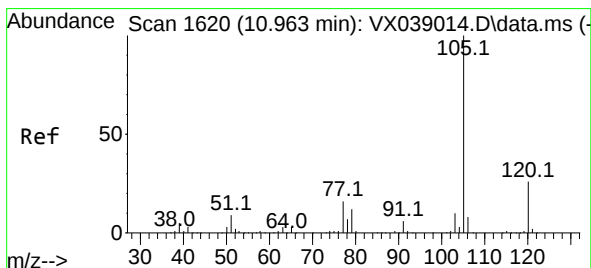
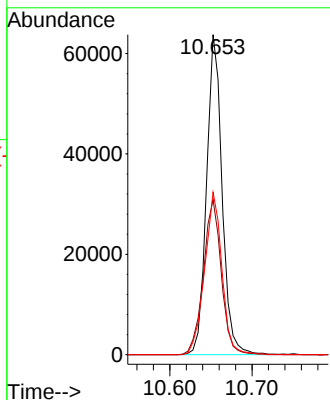
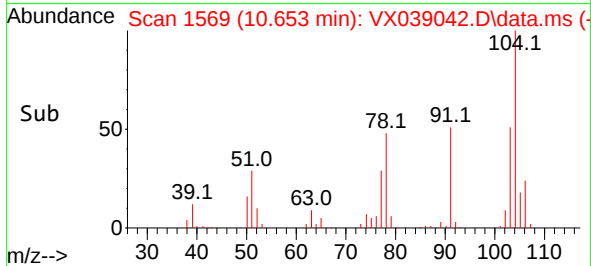
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



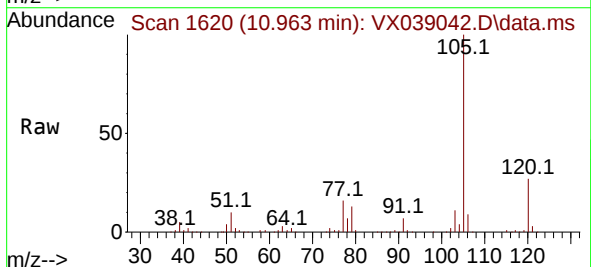
Tgt Ion:104 Resp: 8385
Ion Ratio Lower Upper
104 100
78 55.8 43.7 65.5
103 56.5 44.6 67.0

Manual Integrations
APPROVED

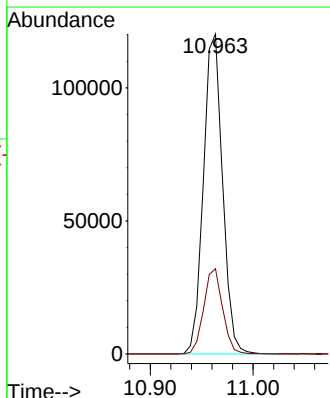
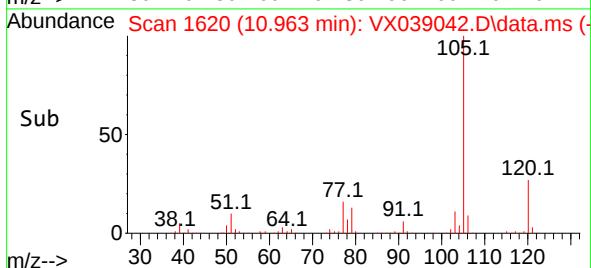
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

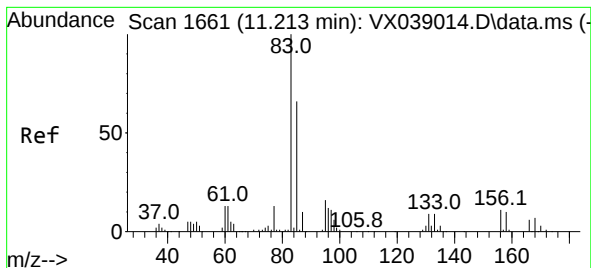


#70
Isopropylbenzene
Concen: 21.316 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



Tgt Ion:105 Resp: 155836
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3





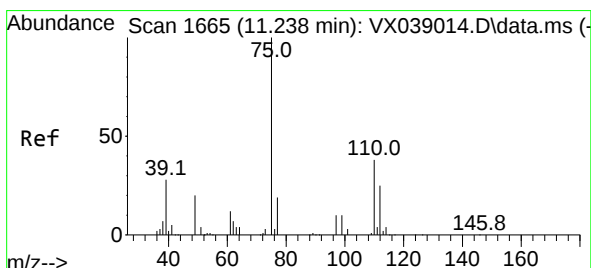
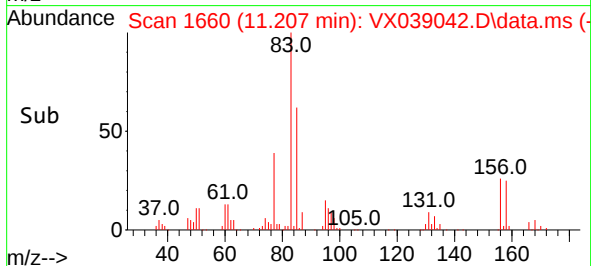
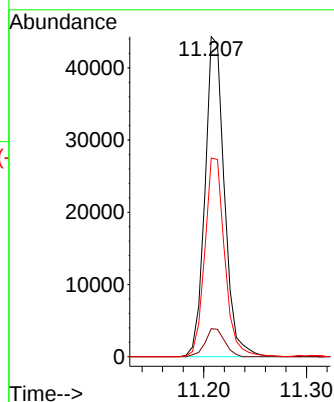
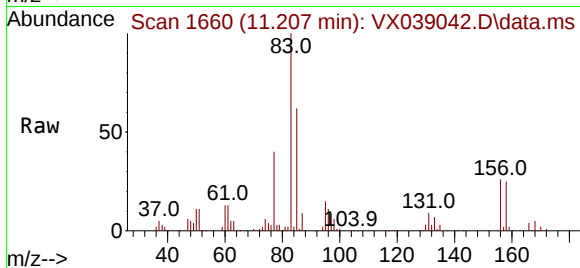
#71
1,1,2,2-Tetrachloroethane
Concen: 21.331 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5821
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 63.5 32.5 97.4

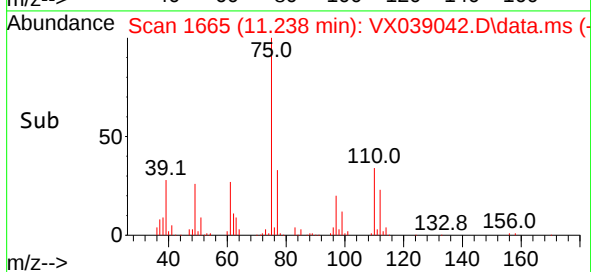
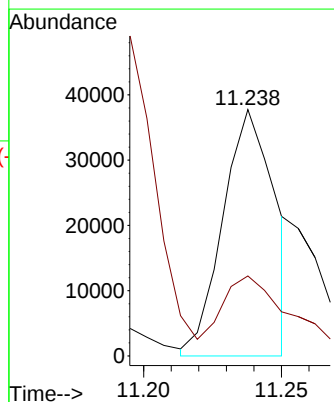
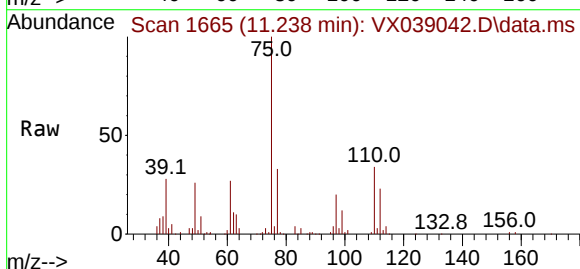
Manual Integrations
APPROVED

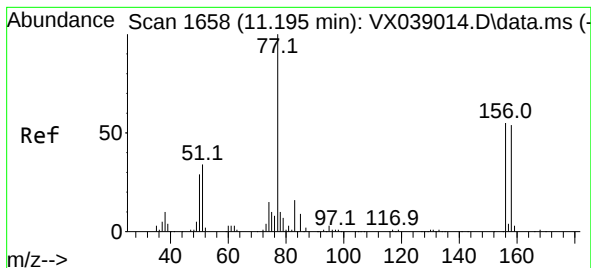
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#72
1,2,3-Trichloropropane
Concen: 21.398 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 75 Resp: 49416
Ion Ratio Lower Upper
75 100
77 44.0 0.0 76.4





#73

Bromobenzene

Concen: 20.319 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

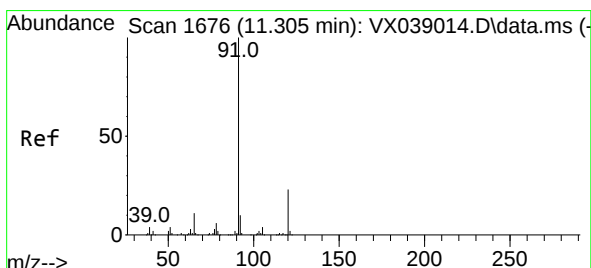
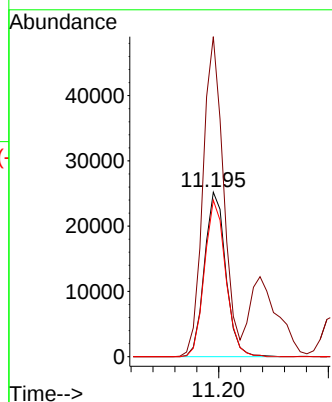
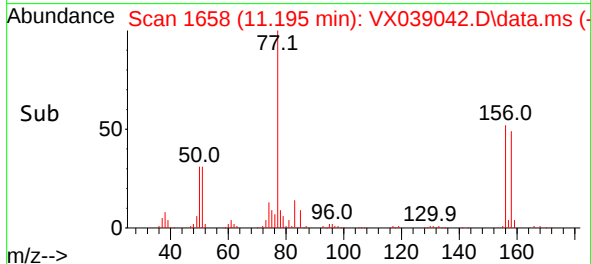
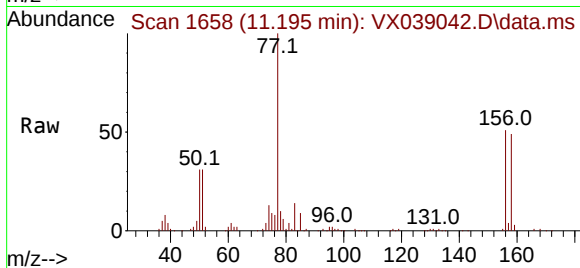
Tgt Ion:	156	Resp:	33819
Ion Ratio	Lower	Upper	
156	100		
77	187.7	0.0	363.2
158	95.1	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#74

n-propylbenzene

Concen: 21.521 ug/l

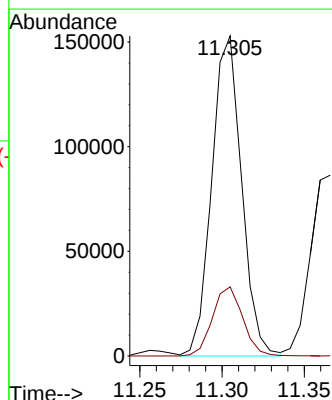
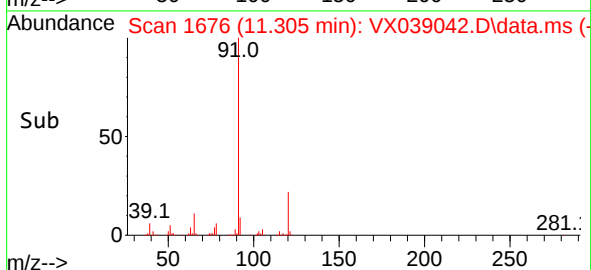
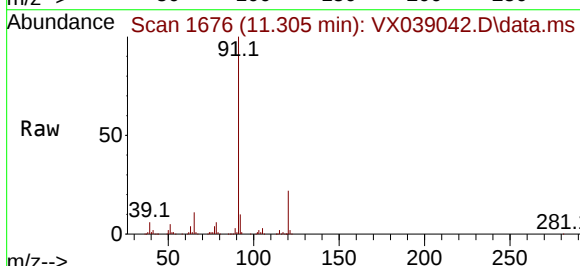
RT: 11.305 min Scan# 1676

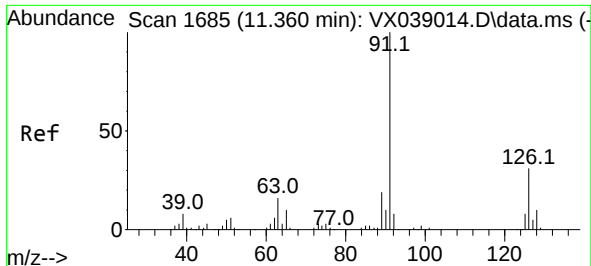
Delta R.T. -0.000 min

Lab File: VX039042.D

Acq: 27 Nov 2023 15:59

Tgt Ion:	91	Resp:	192763
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.4





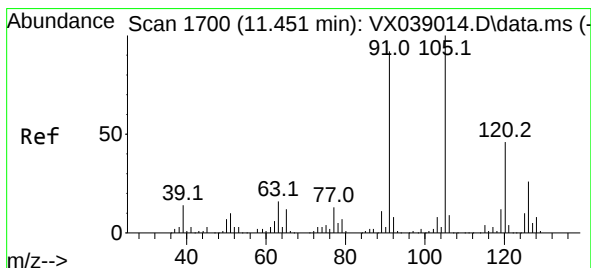
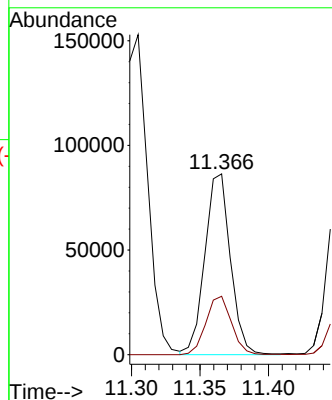
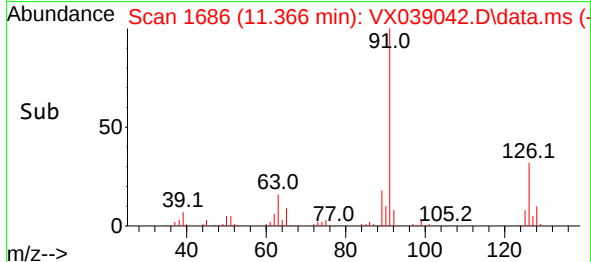
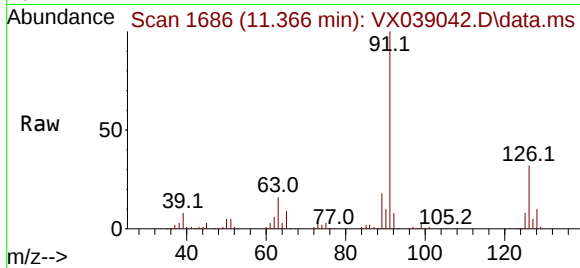
#75
2-Chlorotoluene
Concen: 21.381 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 11235
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.2

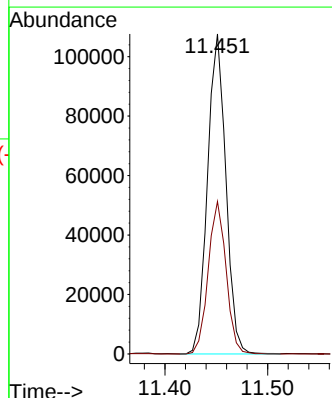
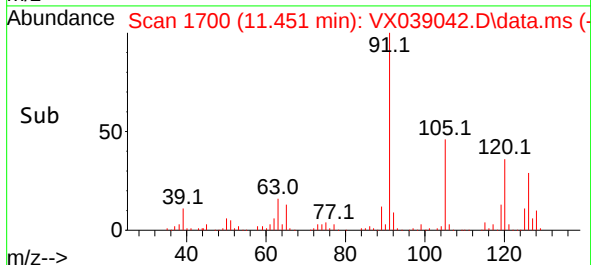
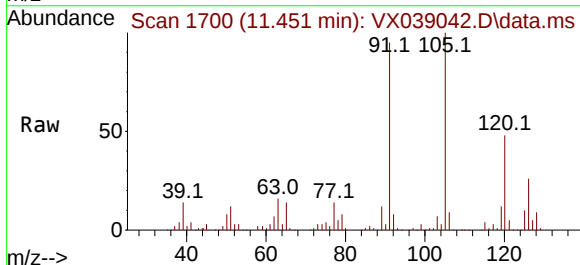
Manual Integrations
APPROVED

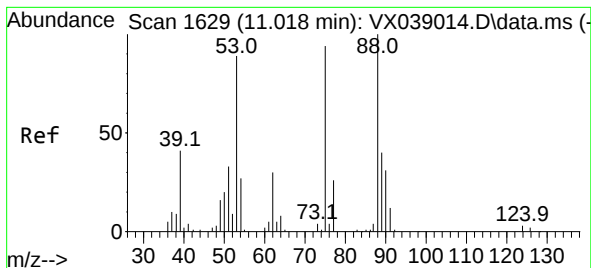
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.138 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion:105 Resp: 133127
Ion Ratio Lower Upper
105 100
120 46.5 0.0 92.6





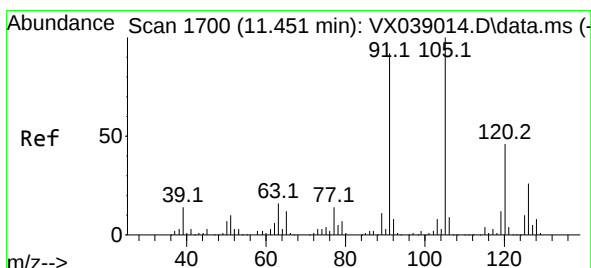
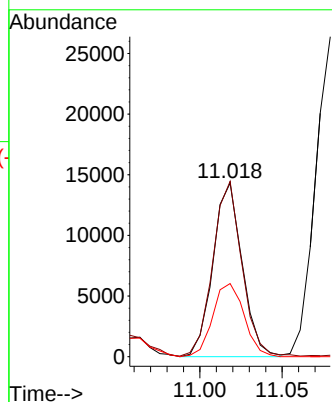
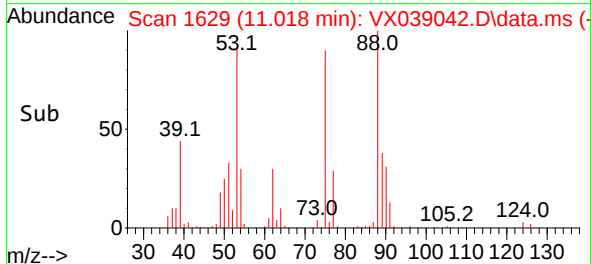
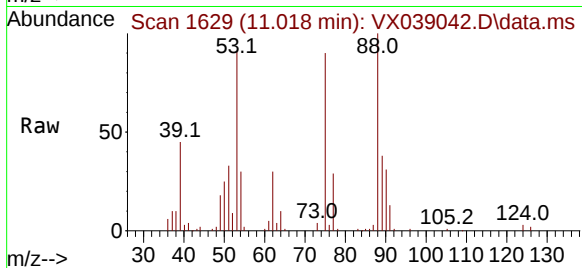
#77
t-1,4-Dichloro-2-butene
Concen: 19.360 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 17710
Ion Ratio Lower Upper
75 100
53 100.6 46.9 140.8
89 42.1 21.3 63.7

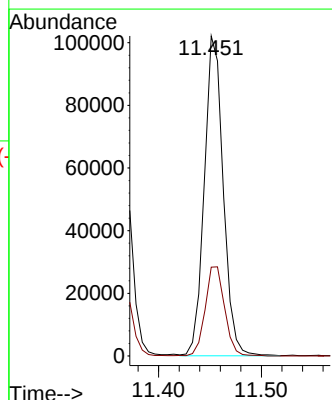
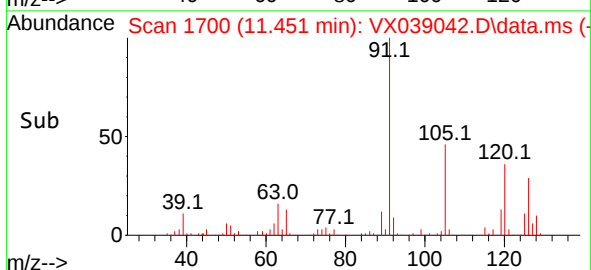
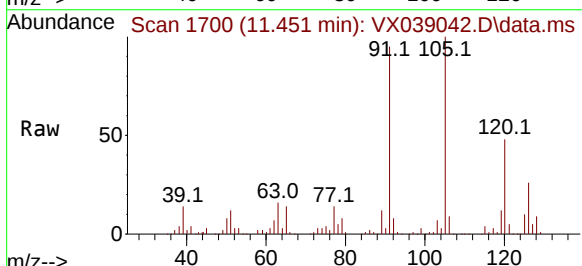
Manual Integrations
APPROVED

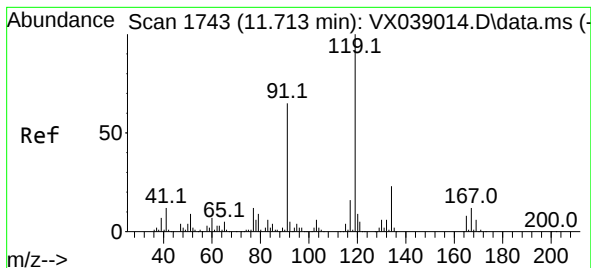
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#78
4-Chlorotoluene
Concen: 21.209 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Tgt Ion: 91 Resp: 131036
Ion Ratio Lower Upper
91 100
126 28.6 0.0 57.4





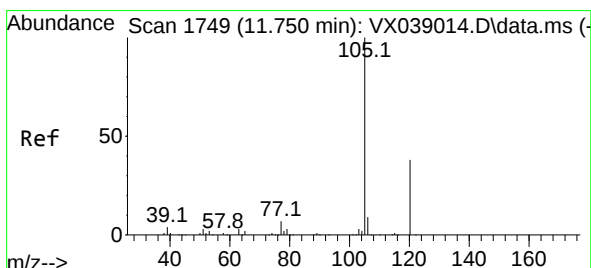
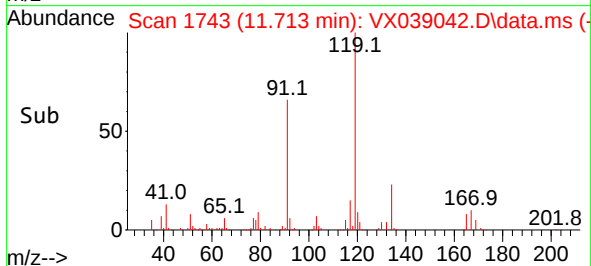
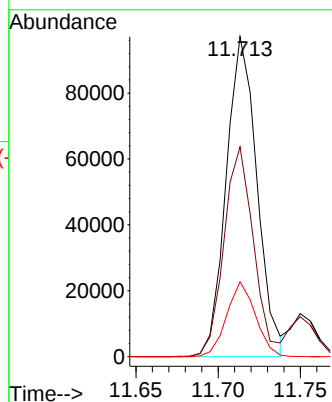
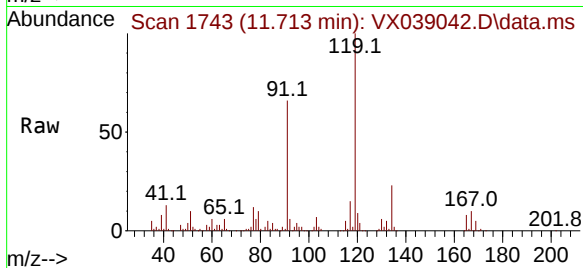
#79
tert-butylbenzene
Concen: 21.125 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 12651
Ion Ratio Lower Upper
119 100
91 63.2 0.0 125.6
134 21.9 0.0 43.8

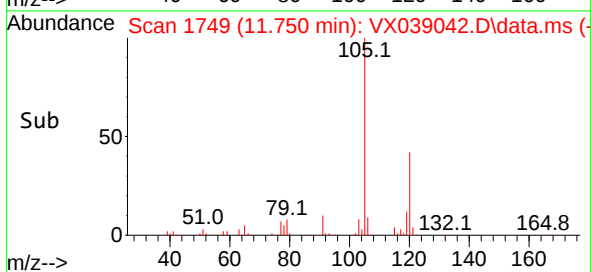
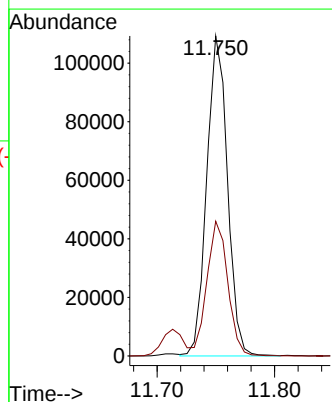
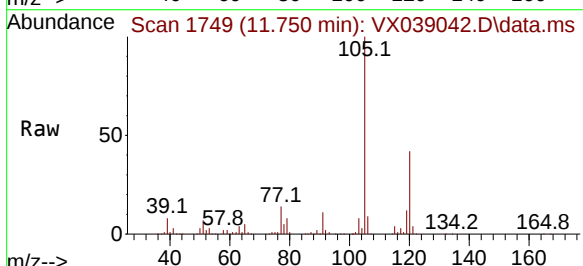
Manual Integrations
APPROVED

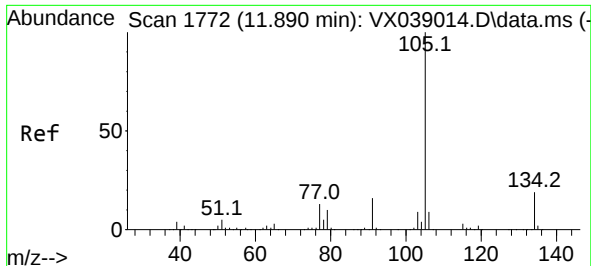
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.260 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

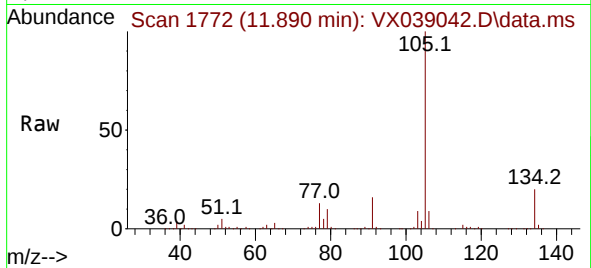
Tgt Ion:105 Resp: 134006
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 21.414 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039042.D
 Acq: 27 Nov 2023 15:59

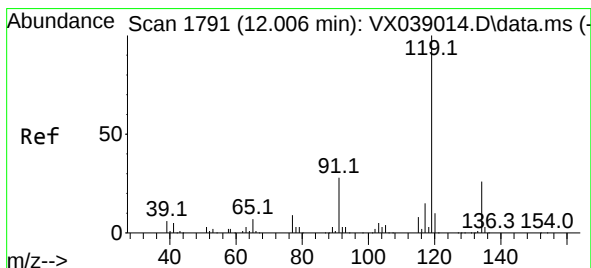
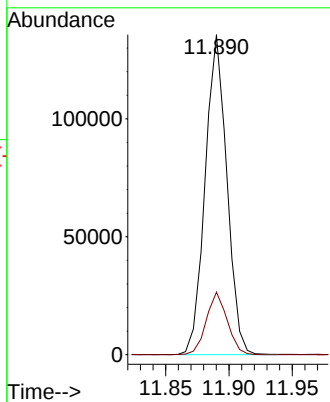
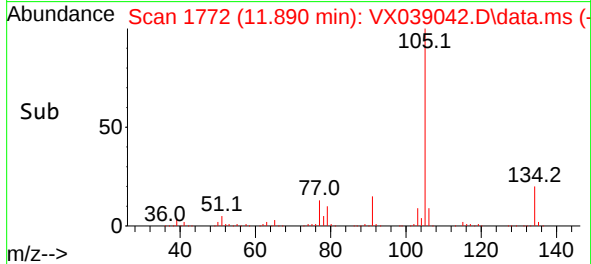
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



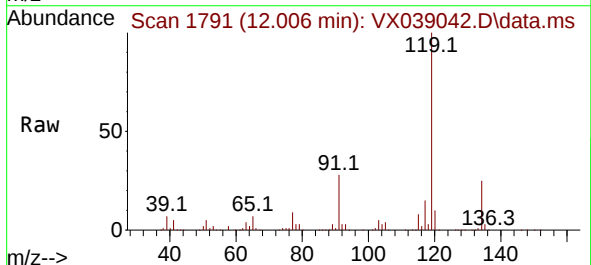
Tgt Ion:105 Resp: 16211
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

Manual Integrations
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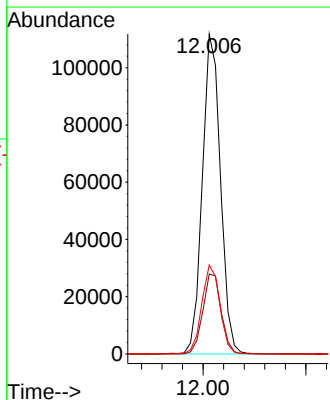
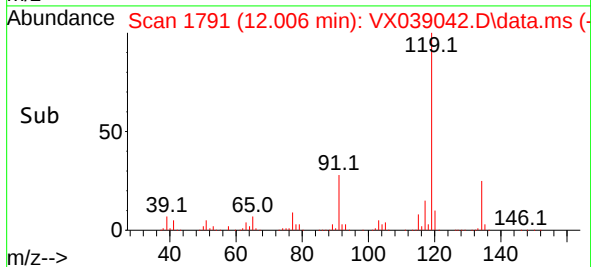
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

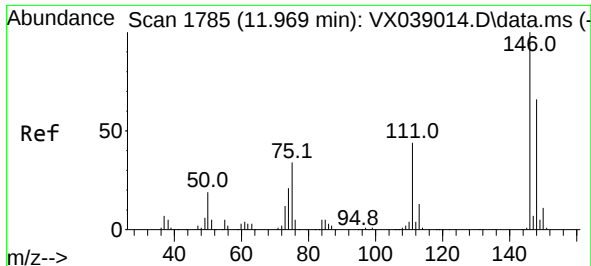


#82
 p-Isopropyltoluene
 Concen: 21.371 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039042.D
 Acq: 27 Nov 2023 15:59



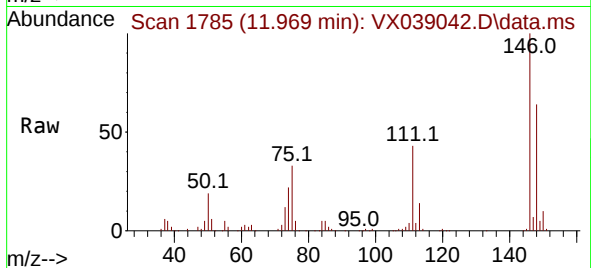
Tgt Ion:119 Resp: 137126
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.6
 91 27.6 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 21.303 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

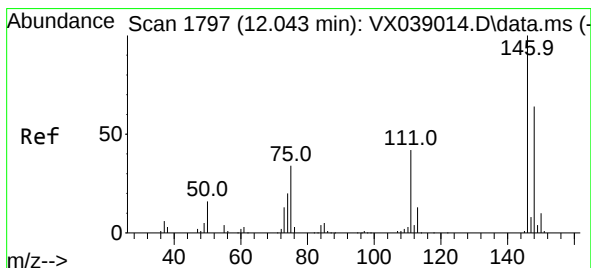
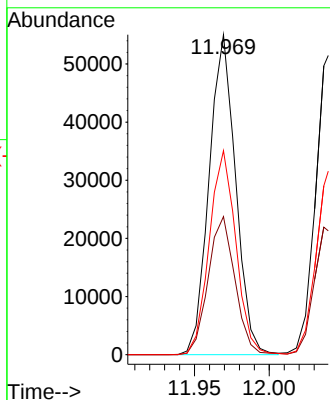
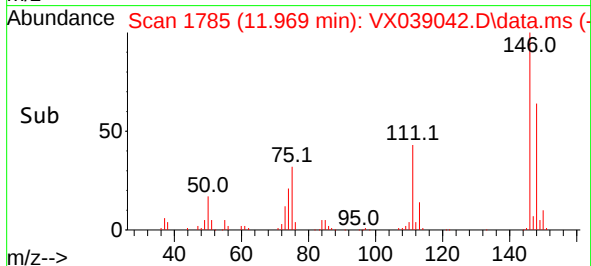
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



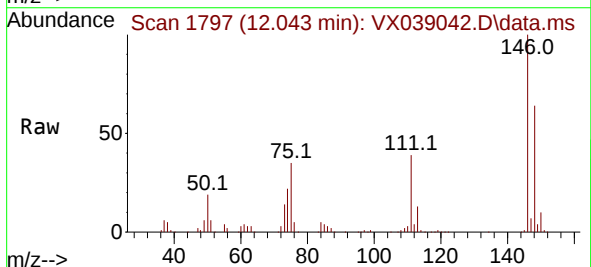
Tgt Ion:146 Resp: 6785
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.9
148 64.1 32.8 98.3

Manual Integrations
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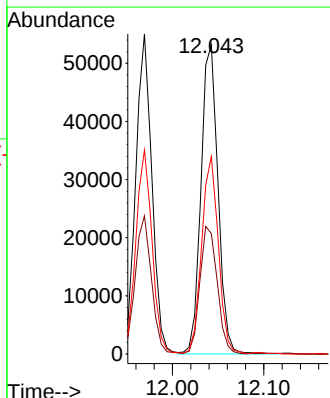
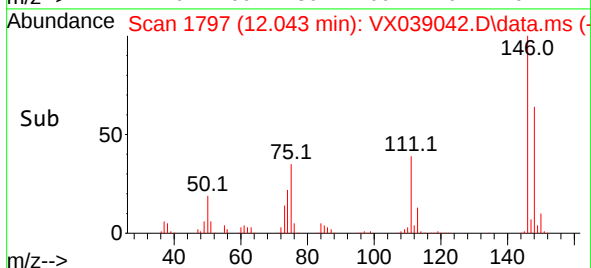
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

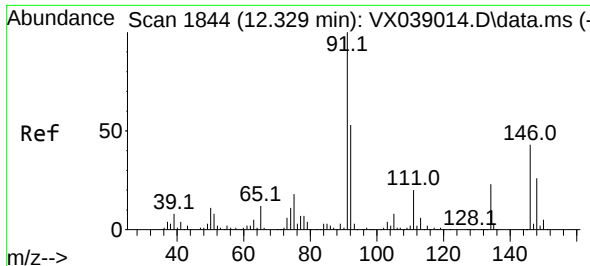


#84
1,4-Dichlorobenzene
Concen: 21.024 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



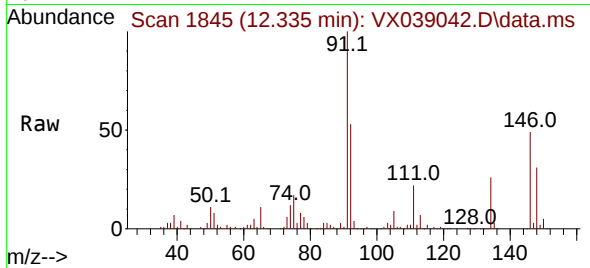
Tgt Ion:146 Resp: 68712
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 62.6 31.8 95.4





#85
n-Butylbenzene
Concen: 21.072 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

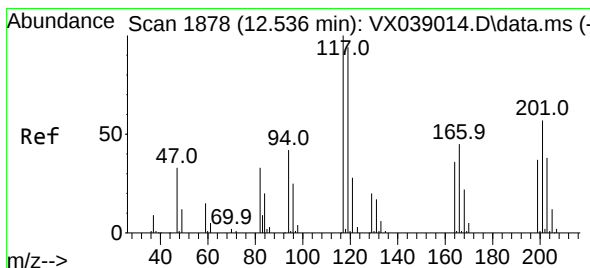
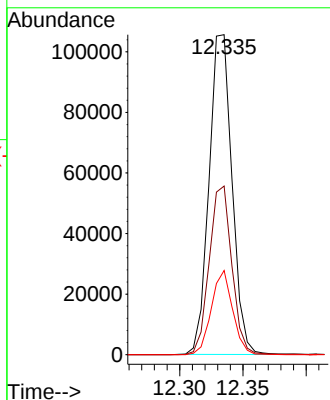
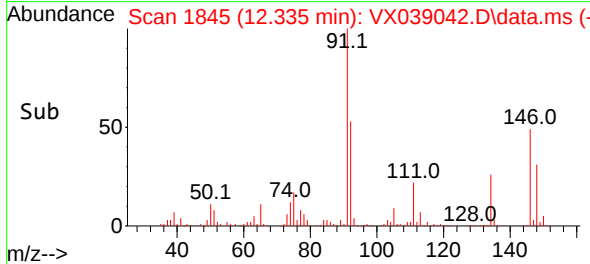
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 13352
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.2
134 24.3 0.0 48.8

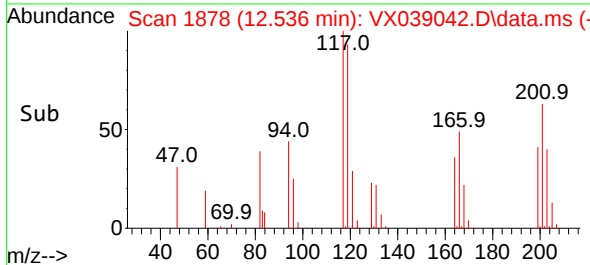
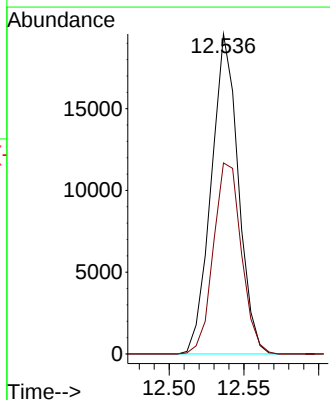
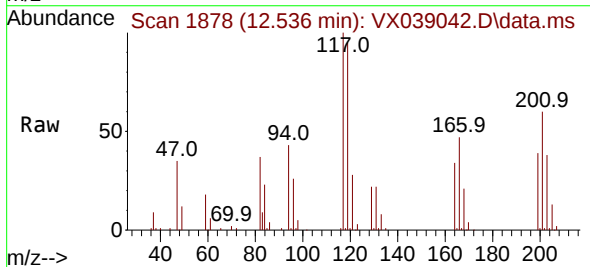
Manual Integrations
APPROVED

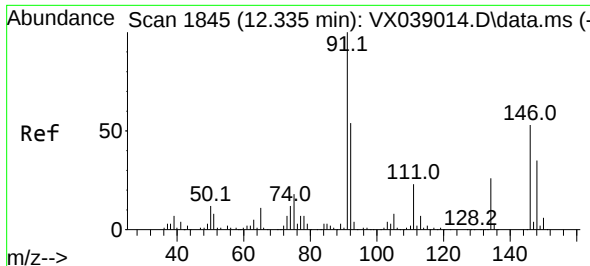
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#86
Hexachloroethane
Concen: 20.241 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

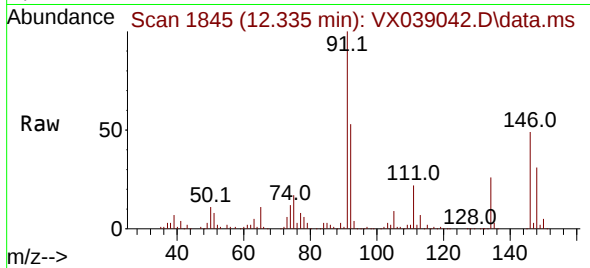
Tgt Ion:117 Resp: 24608
Ion Ratio Lower Upper
117 100
201 61.9 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 21.291 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

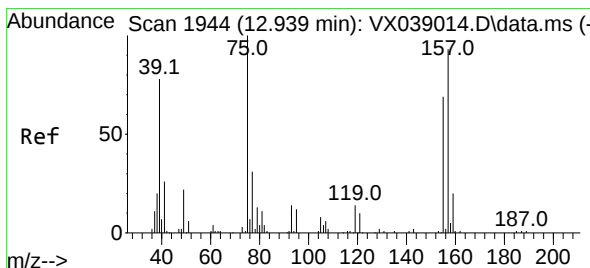
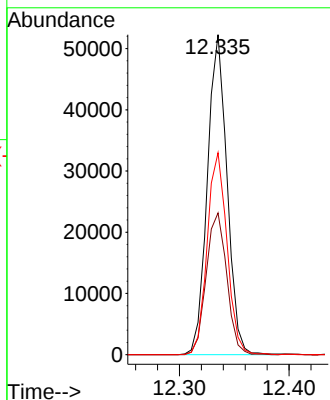
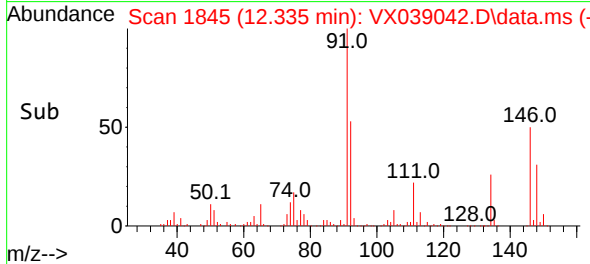
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



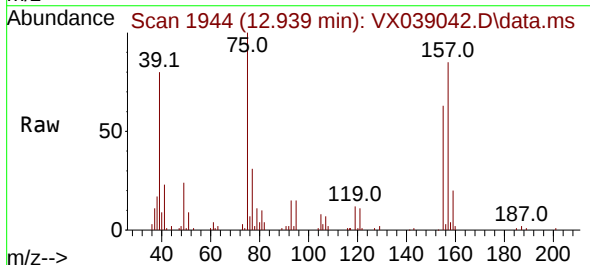
Tgt Ion:146 Resp: 65214
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.2
148 63.5 31.9 95.7

Manual Integrations
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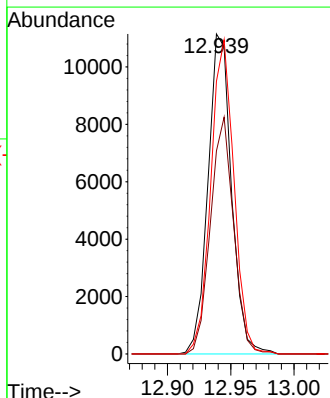
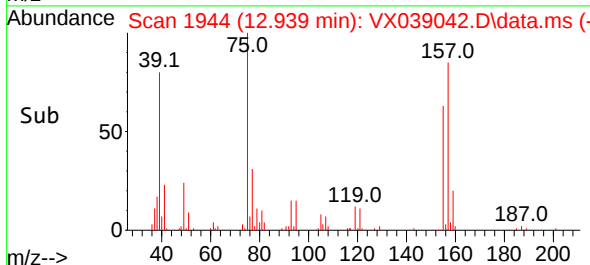
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

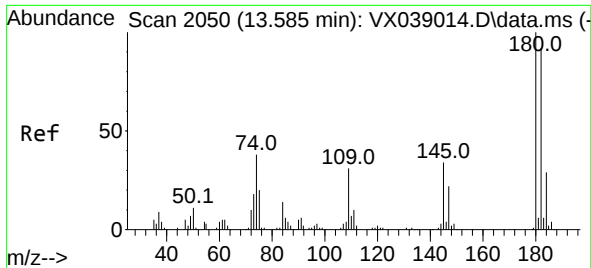


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.661 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



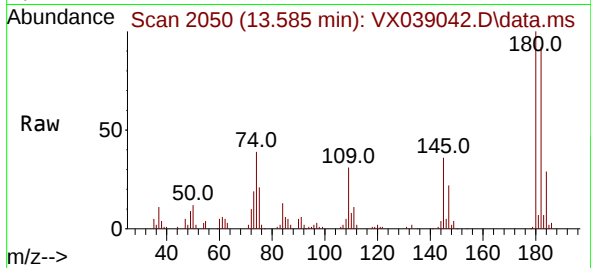
Tgt Ion: 75 Resp: 14421
Ion Ratio Lower Upper
75 100
155 72.8 58.2 87.4
157 96.5 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 20.846 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

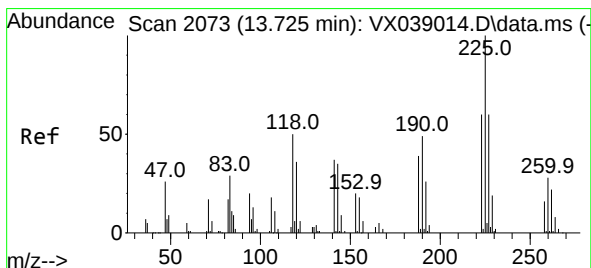
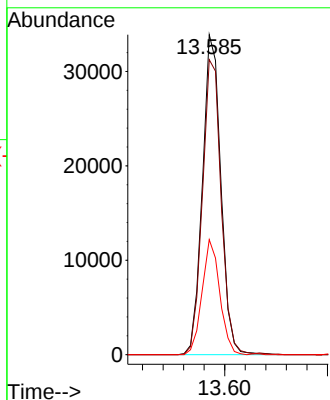
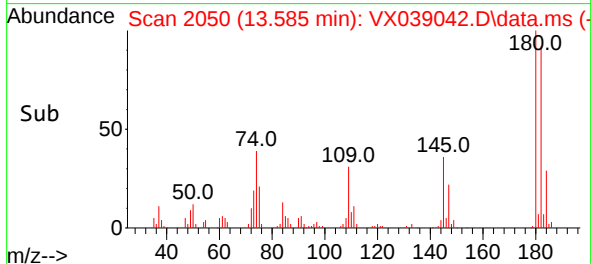
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



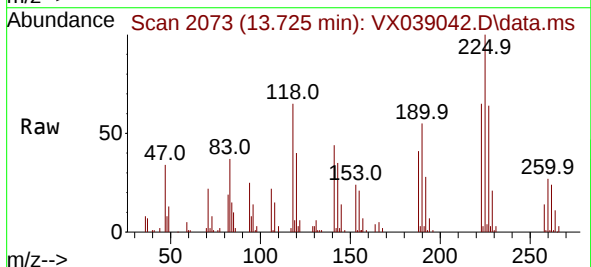
Tgt Ion:180 Resp: 42334
Ion Ratio Lower Upper
180 100
182 93.7 74.5 111.7
145 34.6 26.6 40.0

Manual Integrations
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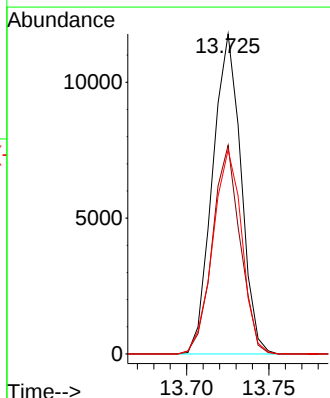
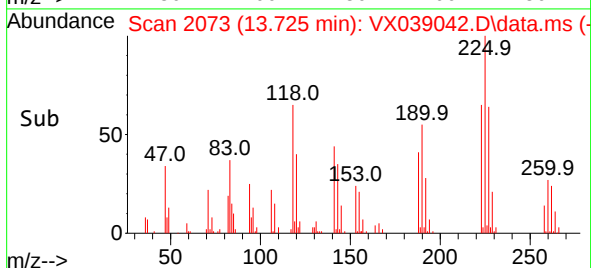
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

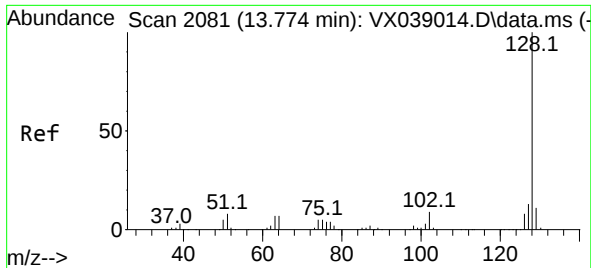


#90
Hexachlorobutadiene
Concen: 19.502 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



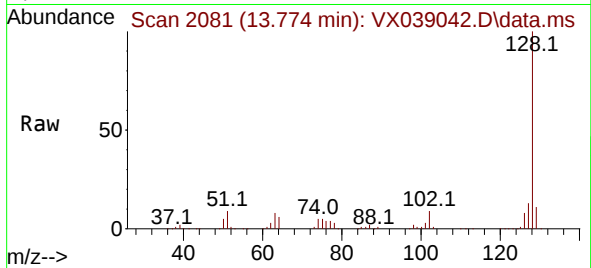
Tgt Ion:225 Resp: 14141
Ion Ratio Lower Upper
225 100
223 63.5 0.0 124.4
227 65.4 0.0 124.4





#91
Naphthalene
Concen: 20.332 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59

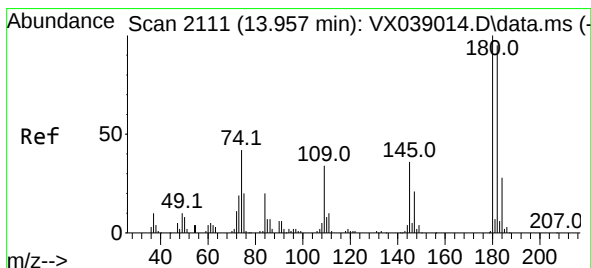
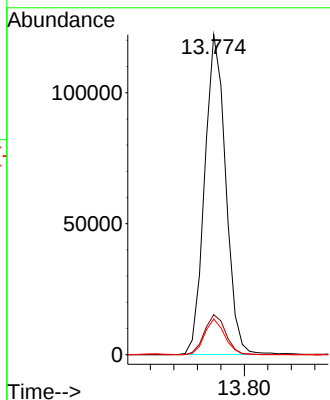
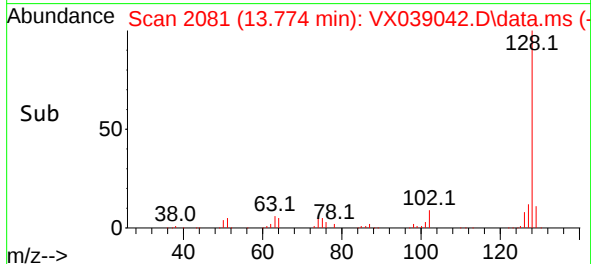
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



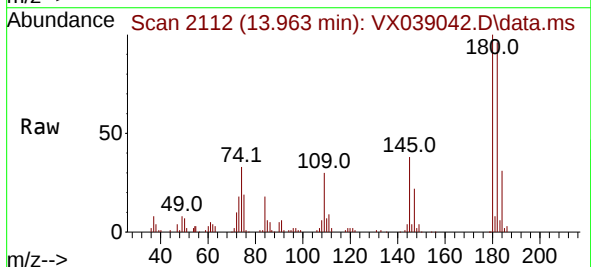
Tgt Ion:128 Resp: 152270
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.688 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039042.D
Acq: 27 Nov 2023 15:59



Tgt Ion:180 Resp: 40693
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.6
145 36.5 0.0 69.6

