

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039455.D
 Acq On : 22 Dec 2023 21:01
 Operator : JC/MD
 Sample : 05966-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMS

Quant Time: Dec 23 06:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95185	50.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.385	113	67671	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.647	98	255187	51.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	103210	50.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73517	50.433	ug/l	96
3) Chloromethane	1.294	50	82299	50.926	ug/l	99
4) Vinyl Chloride	1.374	62	79181	52.683	ug/l	99
5) Bromomethane	1.599	94	44597	51.575	ug/l	99
6) Chloroethane	1.684	64	48974	54.071	ug/l	99
7) Trichlorofluoromethane	1.886	101	113632	51.632	ug/l	99
8) Diethyl Ether	2.130	74	41296	54.216	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	66891	49.807	ug/l	95
10) Methyl Iodide	2.453	142	58885	42.419	ug/l	94
11) Tert butyl alcohol	2.953	59	101421	212.521	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	66266	49.673	ug/l	97
13) Acrolein	2.233	56	125253	328.994	ug/l	100
14) Allyl chloride	2.660	41	133704	49.475	ug/l	97
15) Acrylonitrile	3.056	53	246439	257.989	ug/l	99
16) Acetone	2.373	43	208081	182.195	ug/l	95
17) Carbon Disulfide	2.514	76	186457	47.762	ug/l	99
18) Methyl Acetate	2.696	43	190110	46.250	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	238672	49.469	ug/l	100
20) Methylene Chloride	2.788	84	79804	50.374	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	71437	49.212	ug/l	97
22) Diisopropyl ether	3.757	45	255767	51.992	ug/l	88
23) Vinyl Acetate	3.715	43	855231	233.523	ug/l	99
24) 1,1-Dichloroethane	3.605	63	140212	50.421	ug/l	98
25) 2-Butanone	4.550	43	343768	209.624	ug/l	99
26) 2,2-Dichloropropane	4.471	77	103200	42.509	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82807	51.682	ug/l	100
28) Bromochloromethane	4.897	49	78264	57.681	ug/l	92
29) Tetrahydrofuran	4.995	42	231626	255.759	ug/l	99
30) Chloroform	5.092	83	140261	50.473	ug/l	96
31) Cyclohexane	5.470	56	124620	50.770	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	116688	48.369	ug/l	97
36) 1,1-Dichloropropene	5.690	75	103202	48.547	ug/l	99
37) Ethyl Acetate	4.708	43	119913	45.658	ug/l	99
38) Carbon Tetrachloride	5.678	117	96164	47.402	ug/l	98
39) Methylcyclohexane	7.379	83	120730	47.280	ug/l	96
40) Benzene	6.037	78	301069	50.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	70824	50.542	ug/l	96
42) 1,2-Dichloroethane	6.086	62	117350	48.210	ug/l	100
43) Isopropyl Acetate	6.336	43	196846	46.091	ug/l	99
44) Trichloroethene	7.123	130	71751	47.284	ug/l	92
45) 1,2-Dichloropropane	7.427	63	82061	50.847	ug/l	99
46) Dibromomethane	7.580	93	56737	50.011	ug/l	94
47) Bromodichloromethane	7.817	83	108573	50.053	ug/l	98
48) Methyl methacrylate	7.689	41	125241	50.161	ug/l	95
49) 1,4-Dioxane	7.659	88	32901	977.584	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	695140	255.461	ug/l	98
52) Toluene	8.714	92	183785	50.637	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	114471	47.933	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	121668	47.349	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	76735	50.643	ug/l	93
56) Ethyl methacrylate	9.116	69	95701	51.738	ug/l	96
57) 1,3-Dichloropropane	9.305	76	133043	50.789	ug/l	99
59) 2-Hexanone	9.427	43	550546	234.431	ug/l	98
60) Dibromochloromethane	9.518	129	75043	48.971	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81997	50.692	ug/l	99
64) Tetrachloroethene	9.268	164	53664	44.594	ug/l	93
65) Chlorobenzene	10.079	112	192295	47.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	68266	48.081	ug/l	98
67) Ethyl Benzene	10.189	91	365197	48.809	ug/l	96
68) m/p-Xylenes	10.299	106	262189	97.734	ug/l	94
69) o-Xylene	10.640	106	127310	49.083	ug/l	94
70) Styrene	10.652	104	189997	50.105	ug/l	96
71) Bromoform	10.799	173	49558	46.959	ug/l #	98
73) Isopropylbenzene	10.963	105	345233	48.172	ug/l	100
74) N-amyl acetate	10.841	43	166353	45.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	133199	49.962	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	111533m	46.411	ug/l	
77) Bromobenzene	11.195	156	75659	47.741	ug/l	90
78) n-propylbenzene	11.305	91	424636	48.091	ug/l	97
79) 2-Chlorotoluene	11.360	91	249667	46.745	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	296159	48.509	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	36819	43.221	ug/l	97
82) 4-Chlorotoluene	11.451	91	297115	47.362	ug/l	99
83) tert-Butylbenzene	11.713	119	276599	47.605	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	300571	48.008	ug/l	100
85) sec-Butylbenzene	11.890	105	353540	47.817	ug/l	97
86) p-Isopropyltoluene	12.006	119	295554	47.632	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148293	47.630	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	151099	46.610	ug/l	98
89) n-Butylbenzene	12.329	91	289285	47.426	ug/l	96
90) Hexachloroethane	12.536	117	51003	45.504	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	141323	47.440	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32703	46.571	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	89552	45.908	ug/l	98
94) Hexachlorobutadiene	13.725	225	30579	41.598	ug/l	97
95) Naphthalene	13.774	128	334424	49.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86598	45.987	ug/l	99

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

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

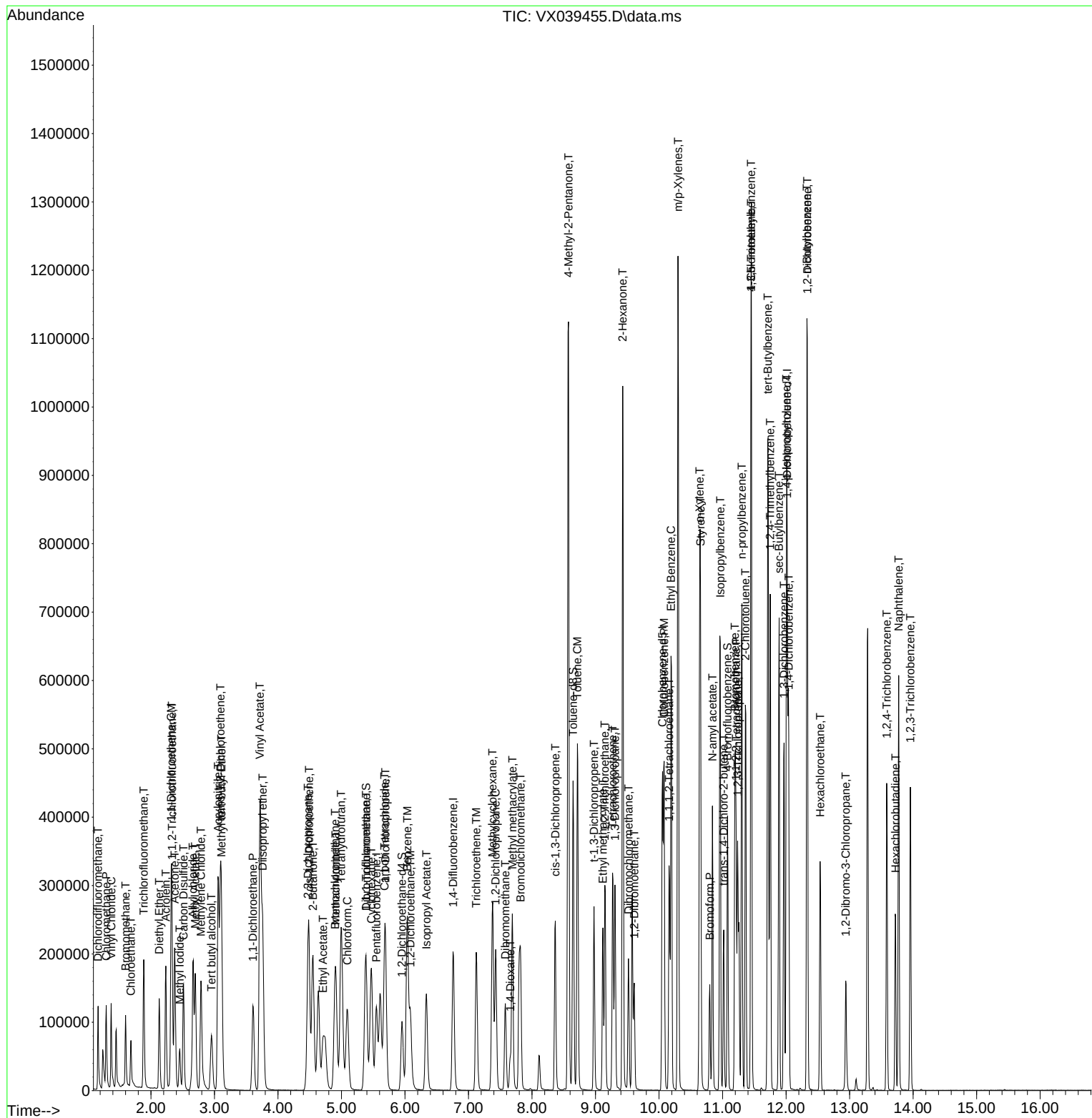
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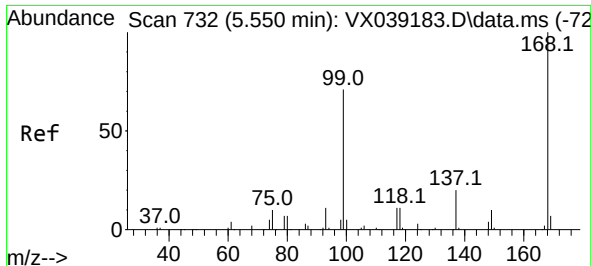
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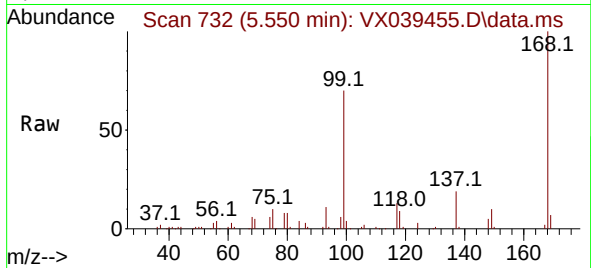
Reviewed By :John Carlone 12/27/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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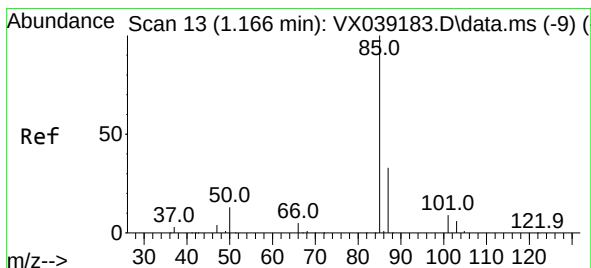
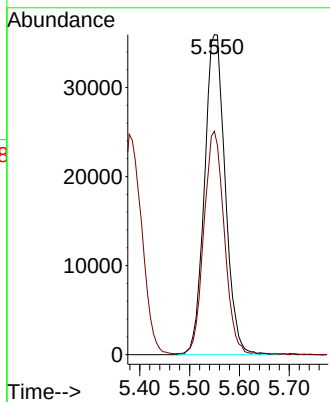
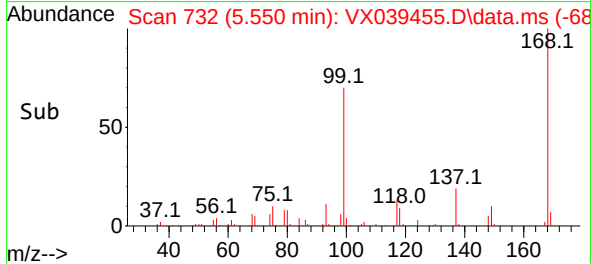
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:168 Resp: 103739
Ion Ratio Lower Upper
168 100
99 69.7 56.6 85.0

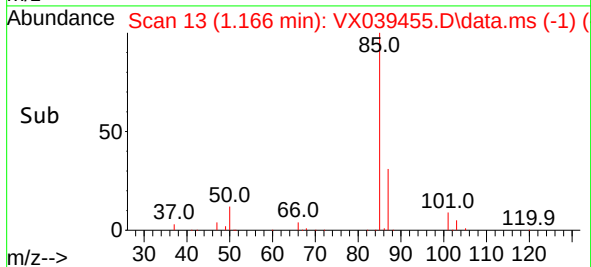
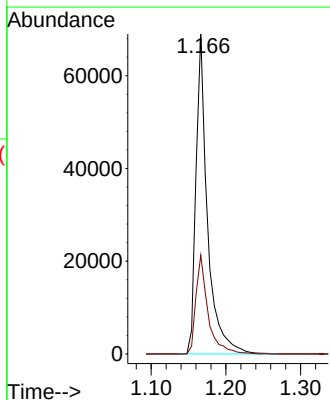
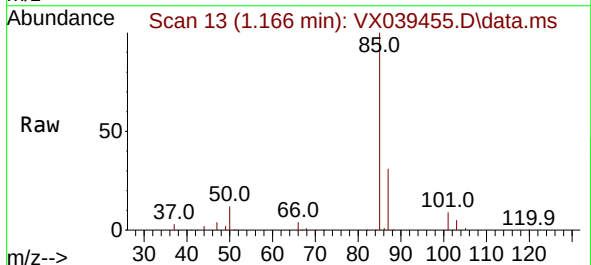
Manual Integrations
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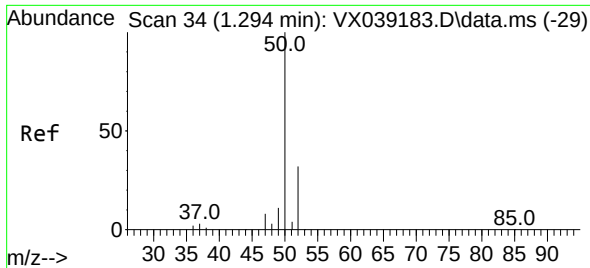
Reviewed By :John Carlone 12/27/2023
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#2
Dichlorodifluoromethane
Concen: 50.433 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

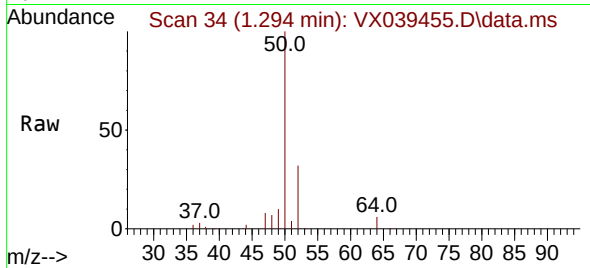
Tgt Ion: 85 Resp: 73517
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





#3
Chloromethane
Concen: 50.926 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

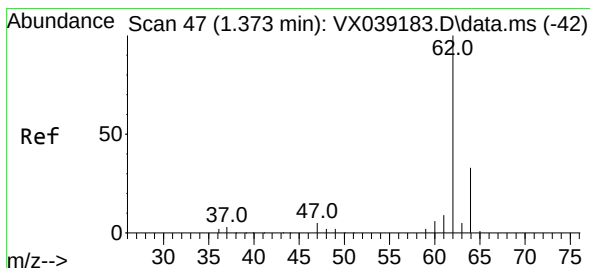
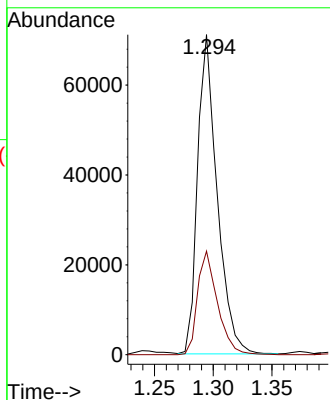
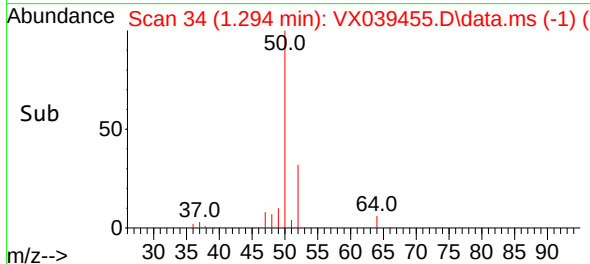
Instrument :
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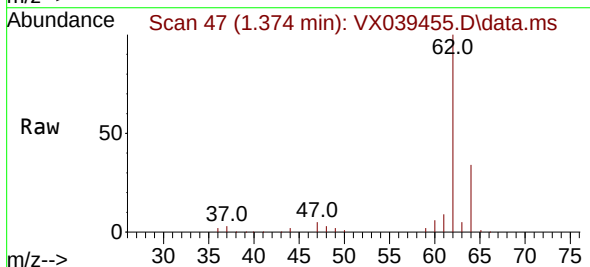
Tgt Ion: 50 Resp: 82299
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

Manual Integrations
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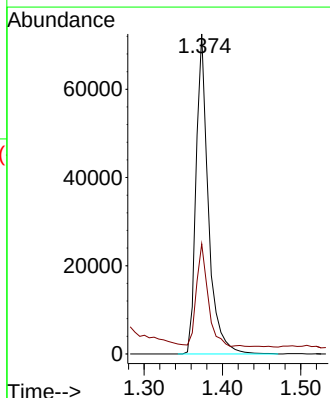
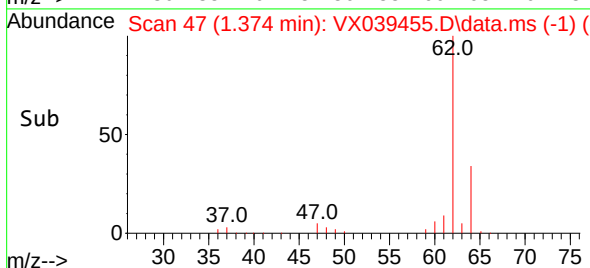
Reviewed By :John Carlone 12/27/2023
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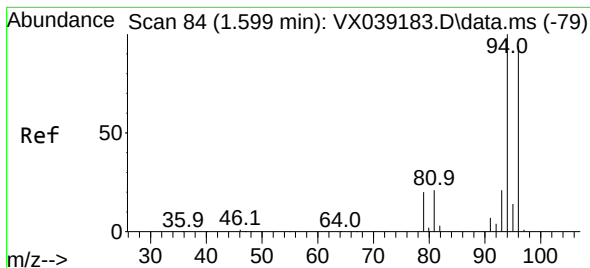


#4
Vinyl Chloride
Concen: 52.683 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



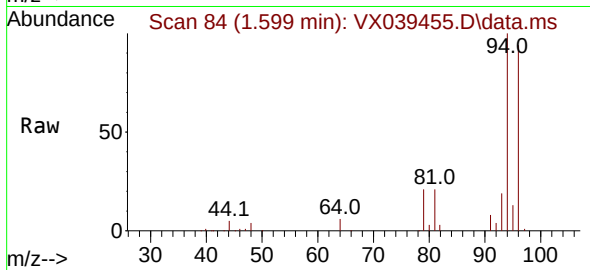
Tgt Ion: 62 Resp: 79181
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 51.575 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

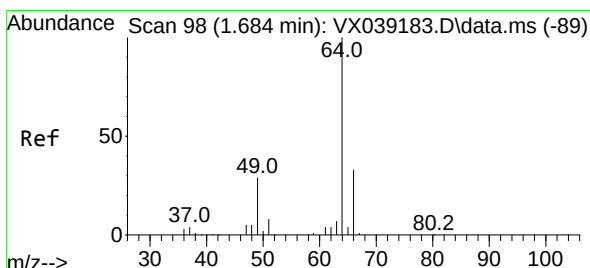
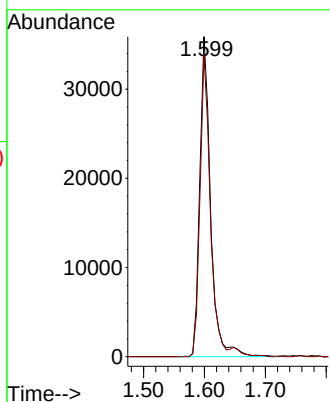
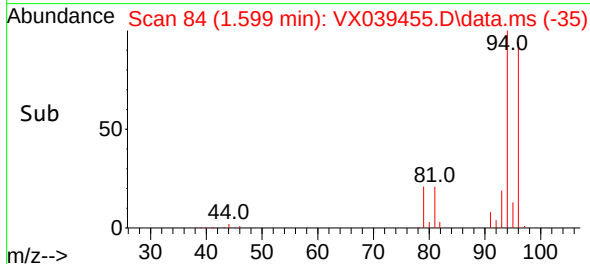
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Tgt Ion: 94 Resp: 44597
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

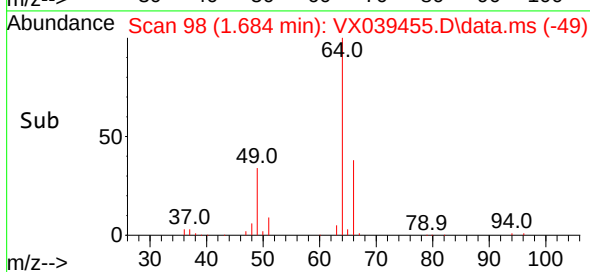
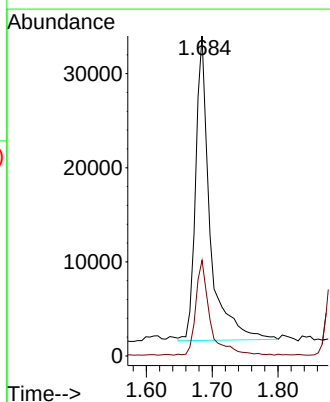
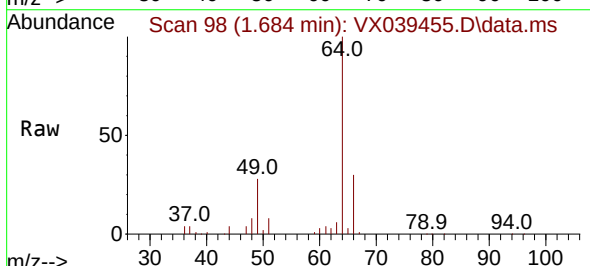
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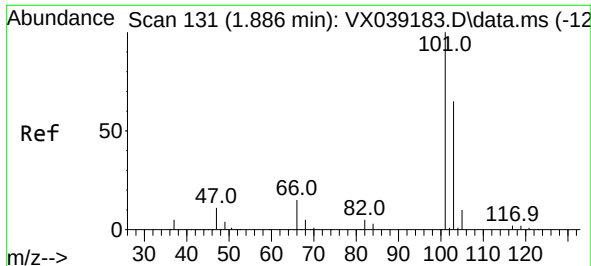
Reviewed By :John Carlone 12/27/2023
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#6
Chloroethane
Concen: 54.071 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

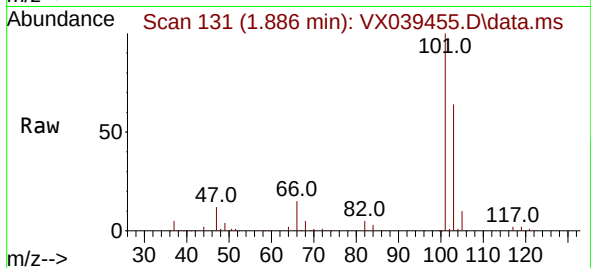
Tgt Ion: 64 Resp: 48974
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.632 ug/l
RT: 1.886 min Scan# 11363
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

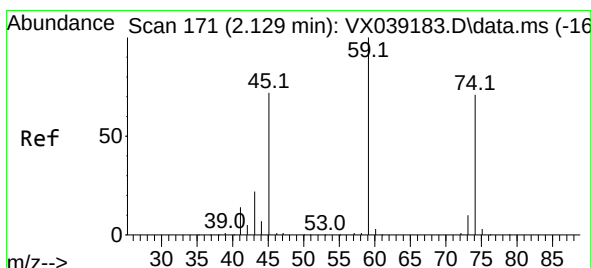
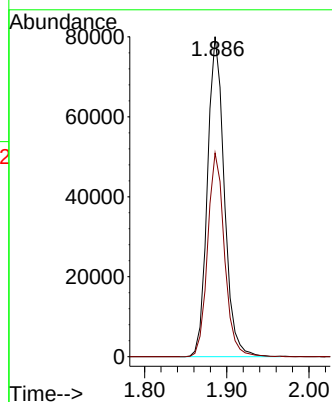
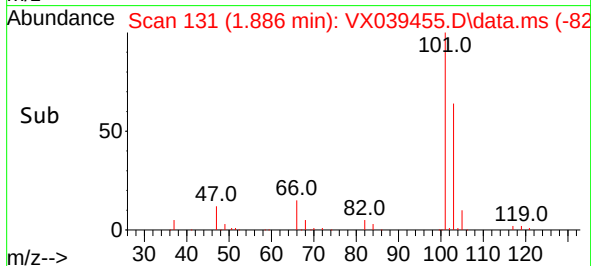
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:101 Resp: 11363
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

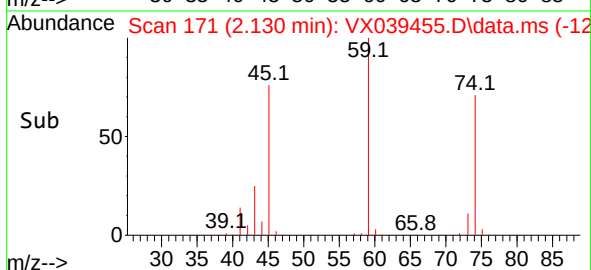
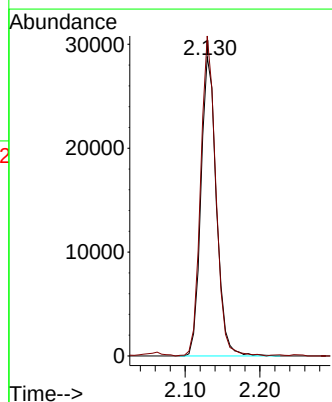
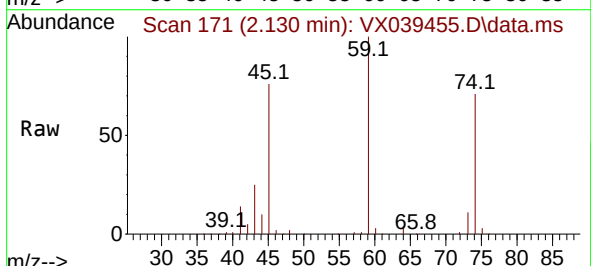
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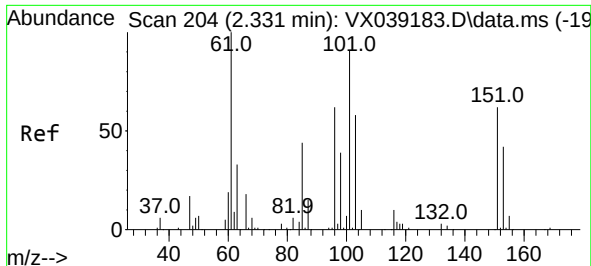
Reviewed By :John Carlone 12/27/2023
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#8
Diethyl Ether
Concen: 54.216 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Acq: 22 Dec 2023 21:01

Tgt Ion: 74 Resp: 41296
Ion Ratio Lower Upper
74 100
45 105.3 53.3 159.8





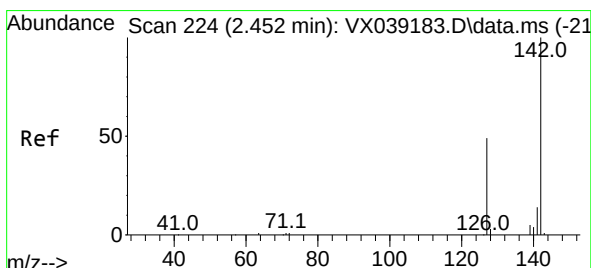
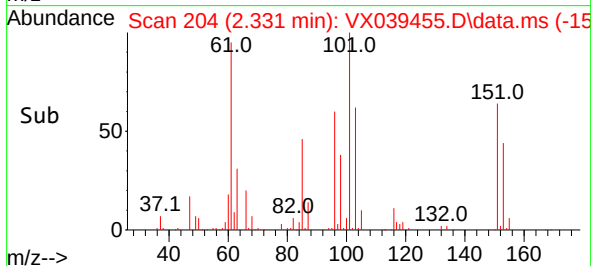
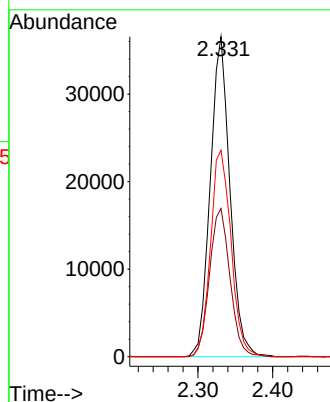
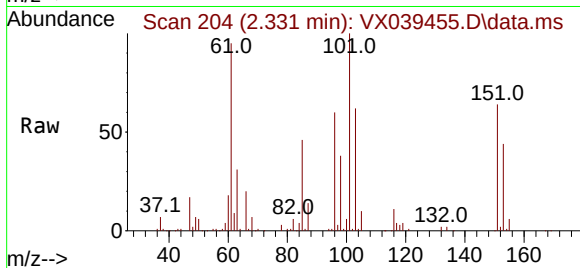
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.807 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion:101 Resp: 6689
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 67.3 58.6 87.8

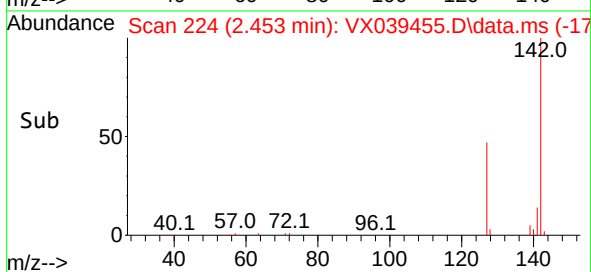
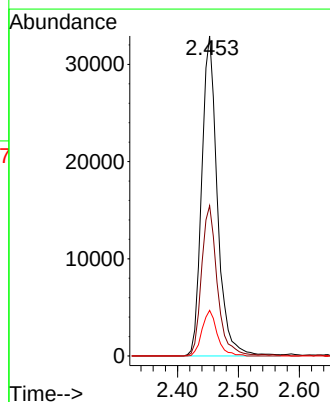
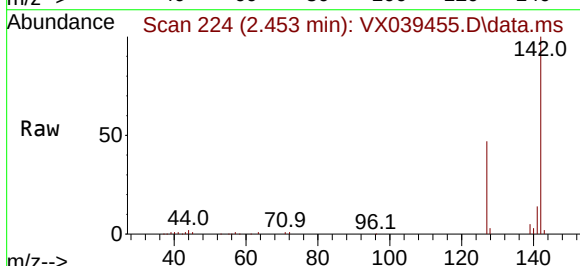
Manual Integrations
APPROVED

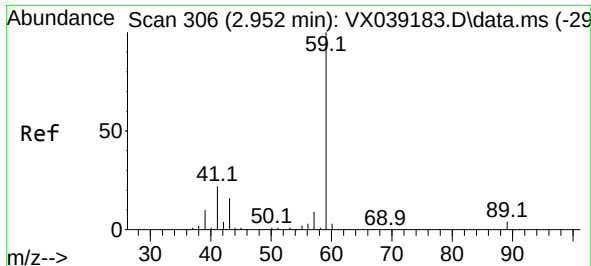
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#10
Methyl Iodide
Concen: 42.419 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

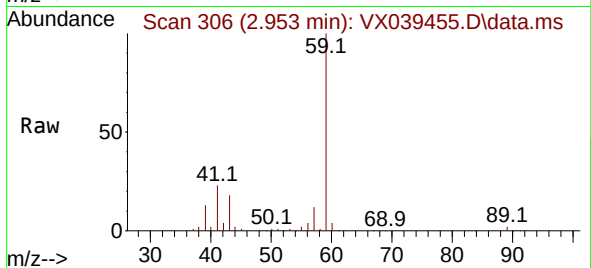
Tgt Ion:142 Resp: 58885
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 212.521 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

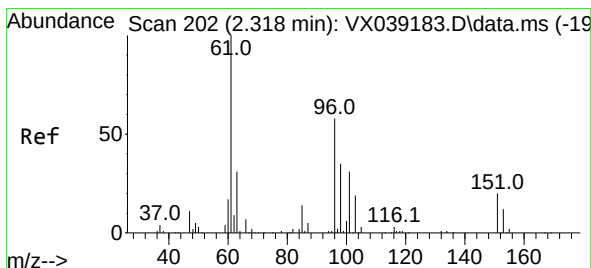
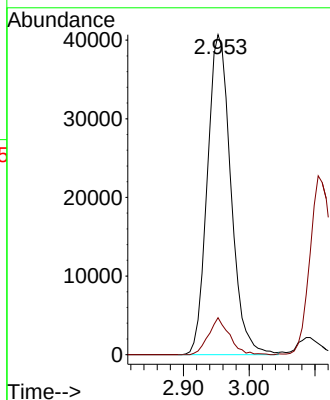
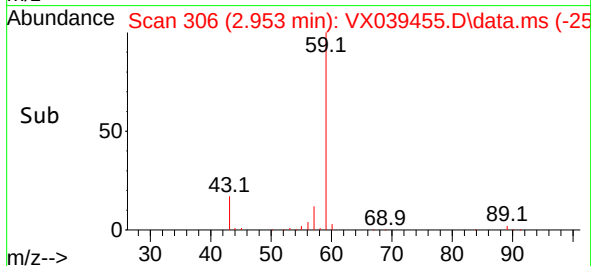
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 59 Resp: 10142
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

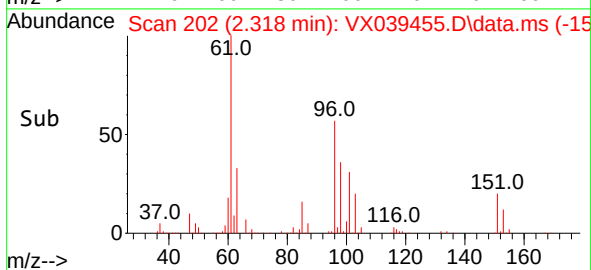
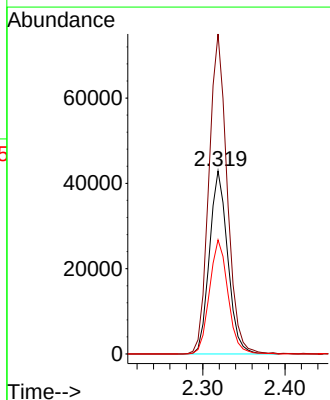
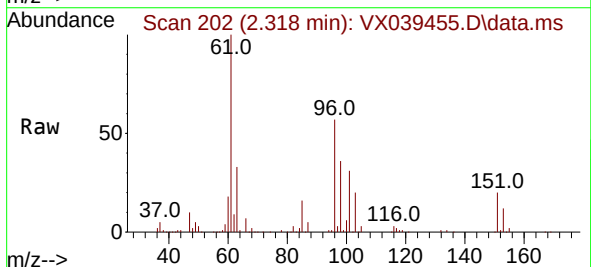
Manual Integrations
APPROVED

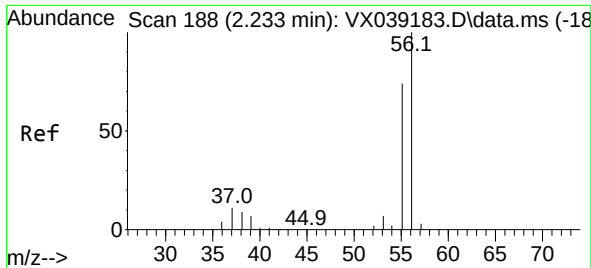
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#12
1,1-Dichloroethene
Concen: 49.673 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

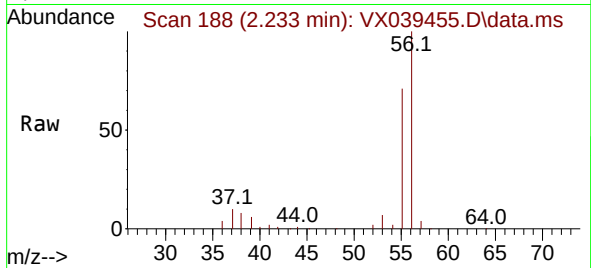
Tgt Ion: 96 Resp: 66266
Ion Ratio Lower Upper
96 100
61 174.8 144.6 216.8
98 62.3 50.4 75.6





#13
Acrolein
Concen: 328.994 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

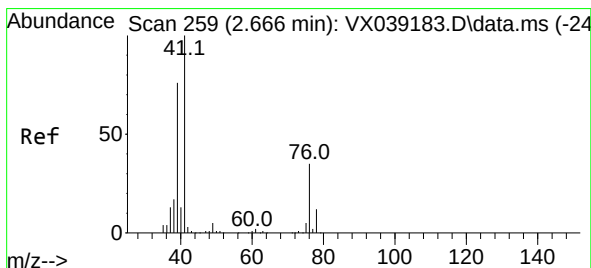
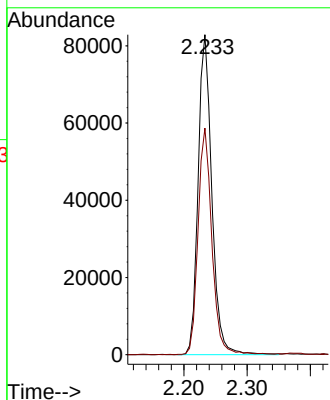
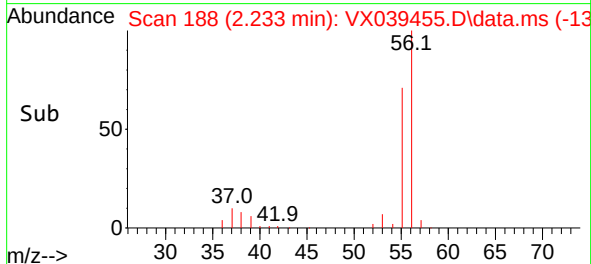
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 56 Resp: 12525
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

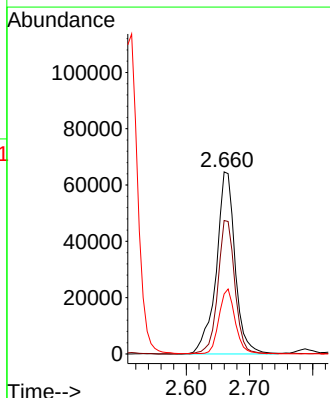
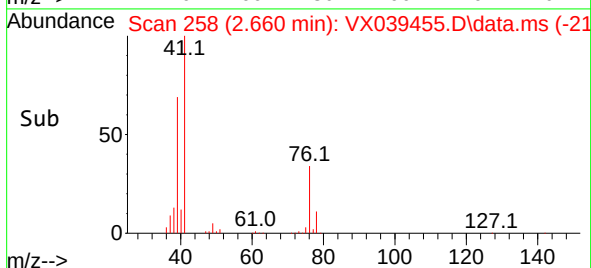
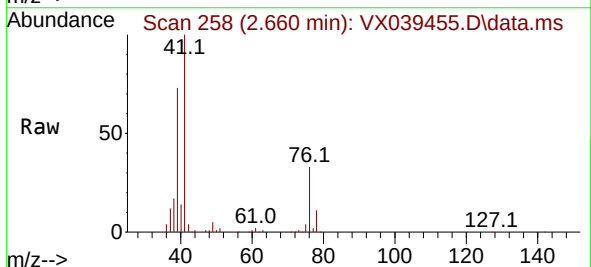
Manual Integrations
APPROVED

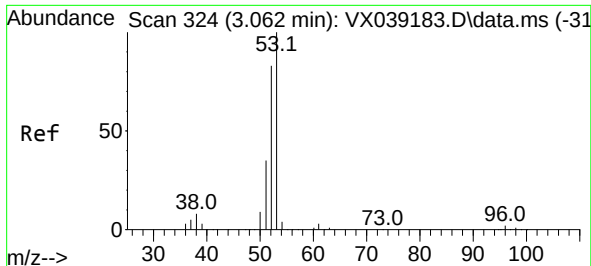
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#14
Allyl chloride
Concen: 49.475 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

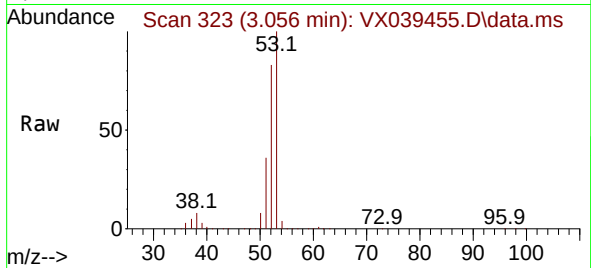
Tgt Ion: 41 Resp: 133704
Ion Ratio Lower Upper
41 100
39 65.9 55.8 83.6
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 257.989 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

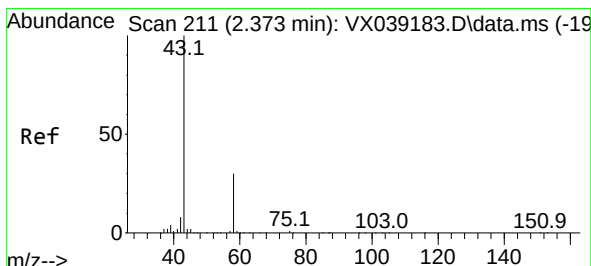
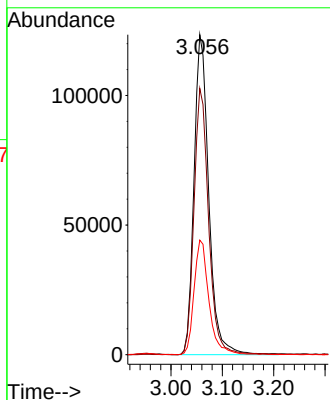
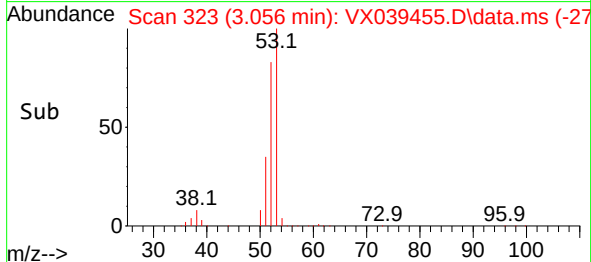
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 53 Resp: 246439
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.3 29.8 44.6

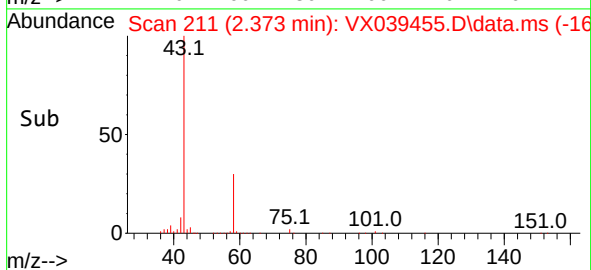
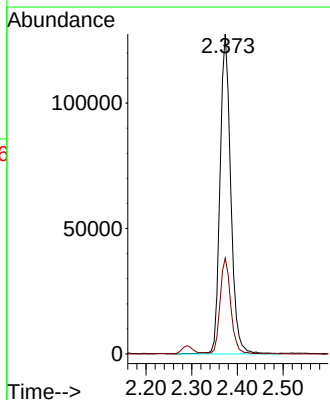
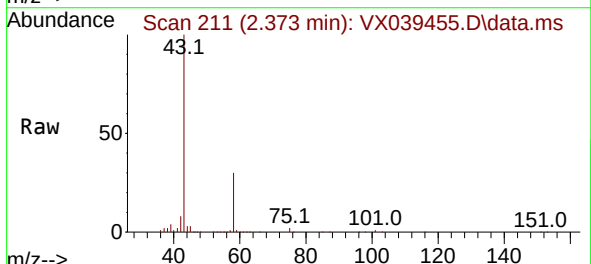
Manual Integrations
APPROVED

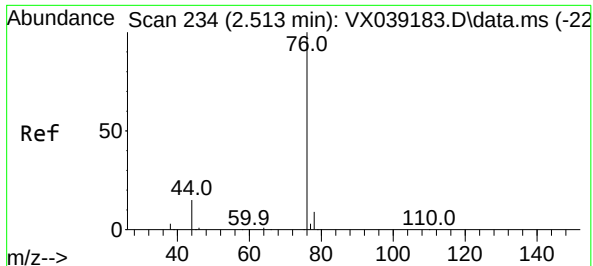
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#16
Acetone
Concen: 182.195 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

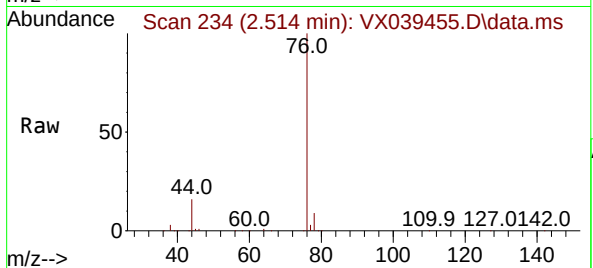
Tgt Ion: 43 Resp: 208081
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9





#17
Carbon Disulfide
Concen: 47.762 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

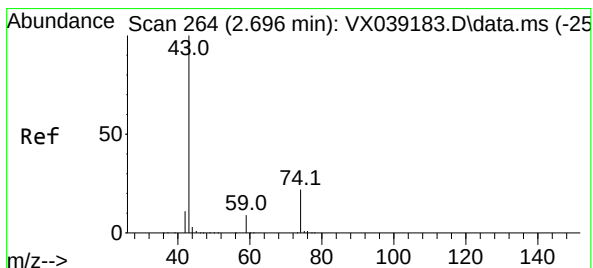
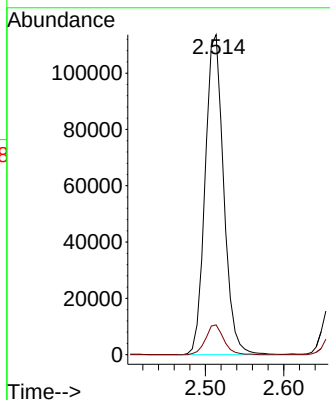
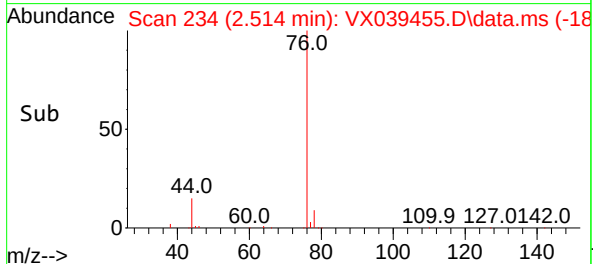
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 76 Resp: 18645
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

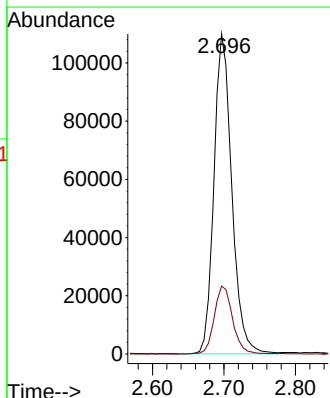
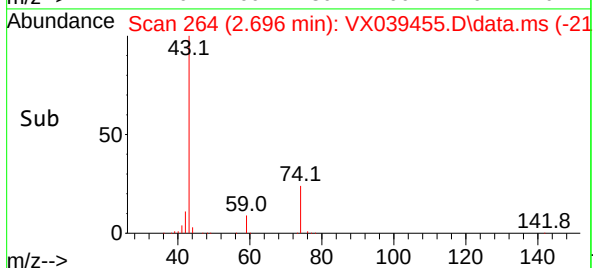
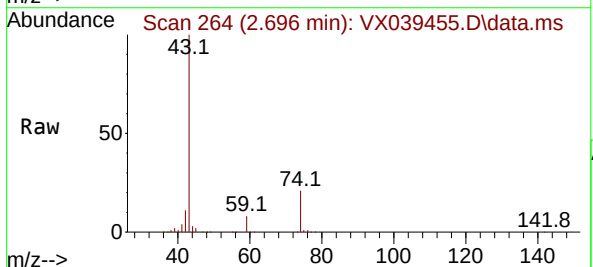
Manual Integrations
APPROVED

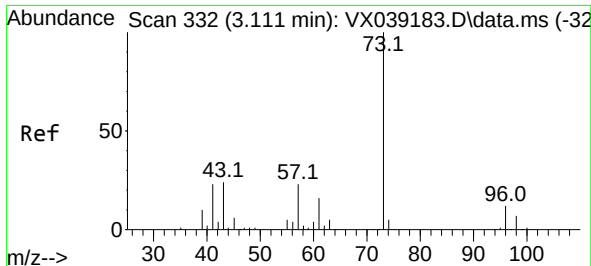
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#18
Methyl Acetate
Concen: 46.250 ug/l
RT: 2.696 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion: 43 Resp: 190110
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8





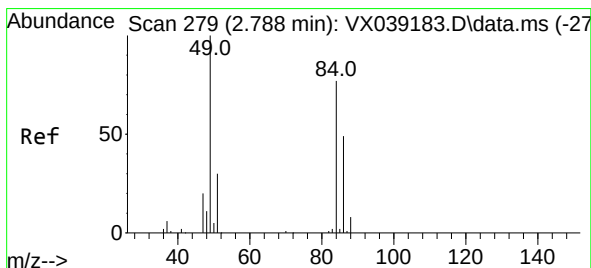
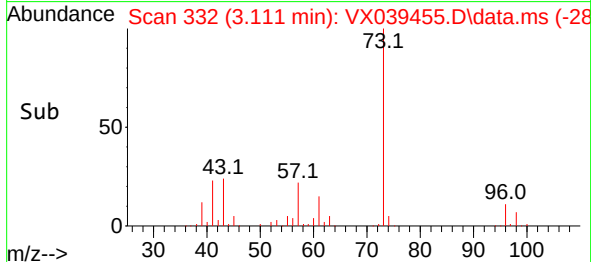
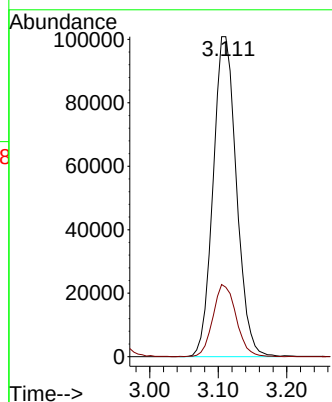
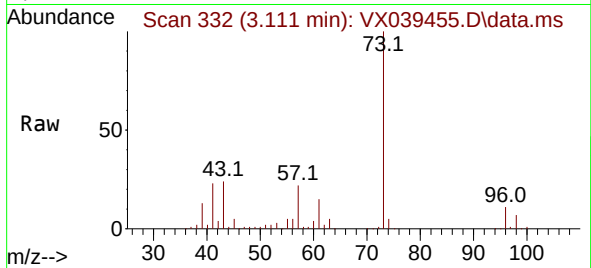
#19
Methyl tert-butyl Ether
Concen: 49.469 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion: 73 Resp: 238672
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

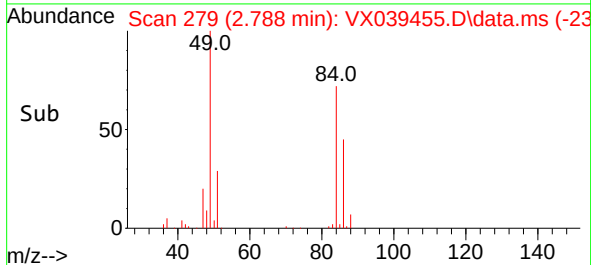
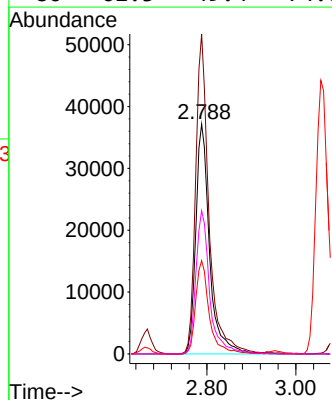
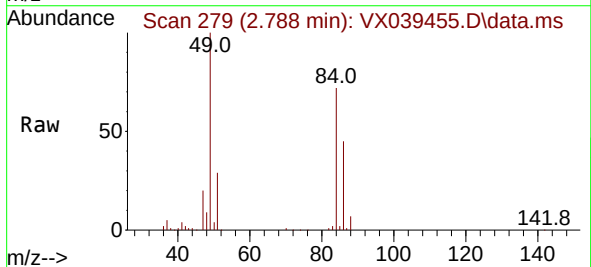
Manual Integrations
APPROVED

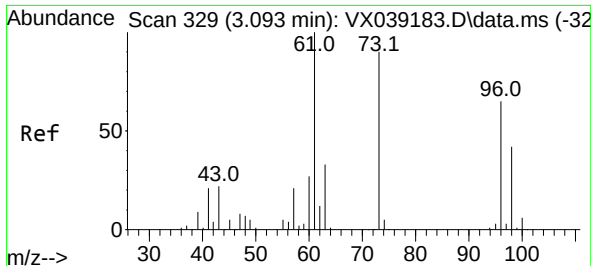
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#20
Methylene Chloride
Concen: 50.374 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

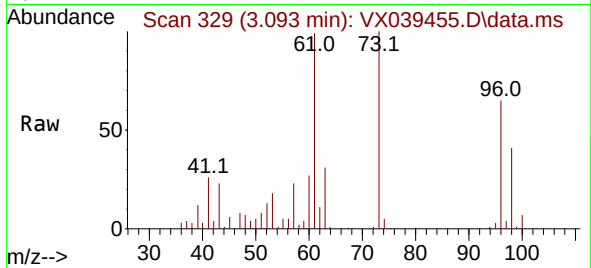
Tgt Ion: 84 Resp: 79804
Ion Ratio Lower Upper
84 100
49 139.2 103.6 155.4
51 40.6 33.8 50.6
86 62.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.212 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

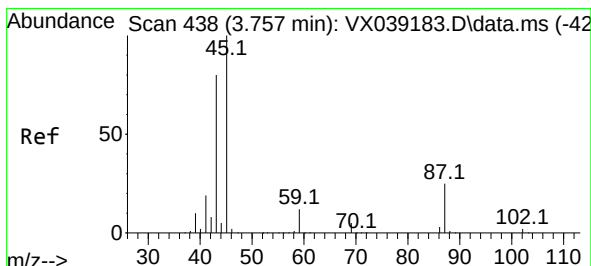
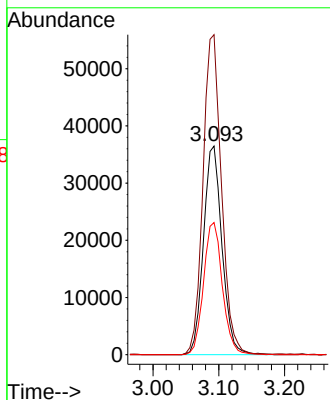
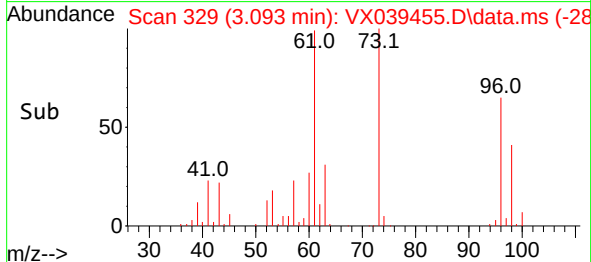
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 96 Resp: 7143
Ion Ratio Lower Upper
96 100
61 153.4 119.2 178.8
98 63.4 48.7 73.1

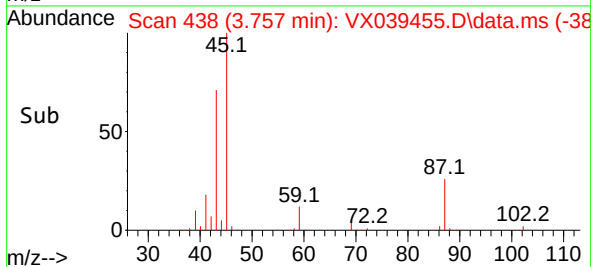
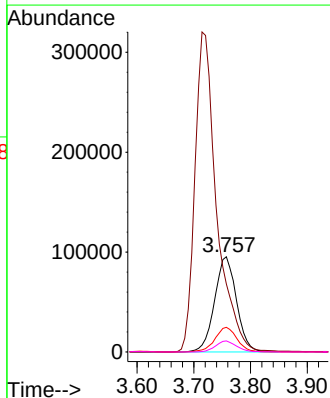
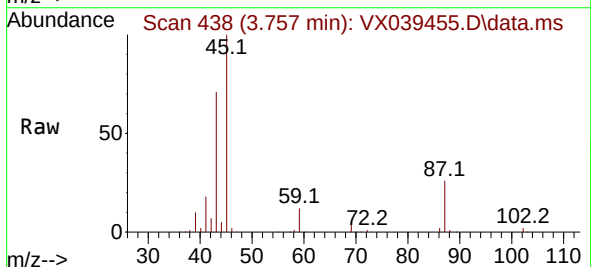
Manual Integrations
APPROVED

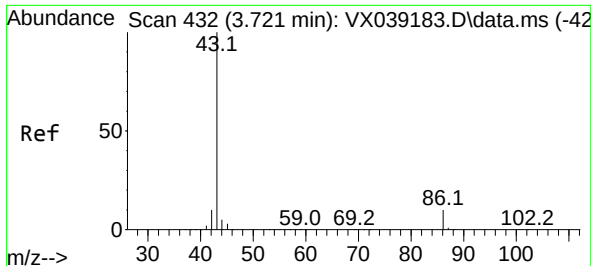
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#22
Diisopropyl ether
Concen: 51.992 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion: 45 Resp: 255767
Ion Ratio Lower Upper
45 100
43 70.8 69.7 104.5
87 25.9 20.8 31.2
59 11.6 9.0 13.4





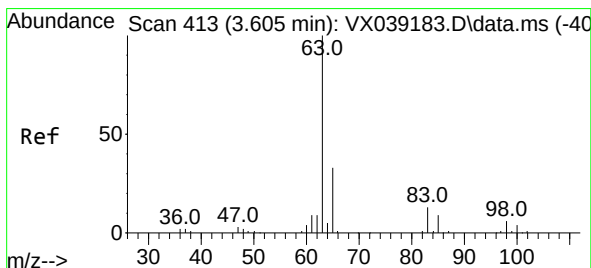
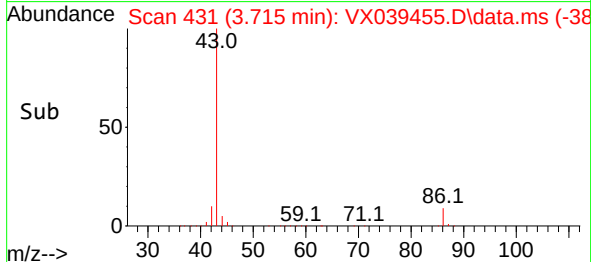
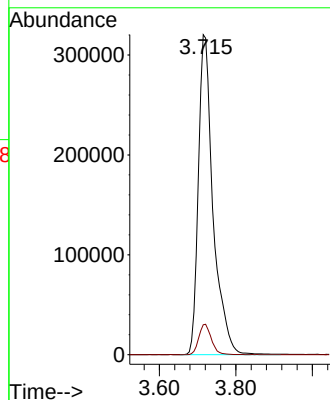
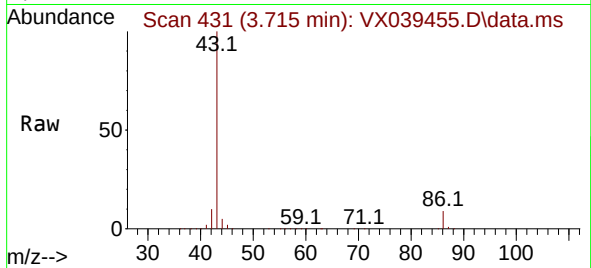
#23
 Vinyl Acetate
 Concen: 233.523 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMS

Tgt Ion: 43 Resp: 85523
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

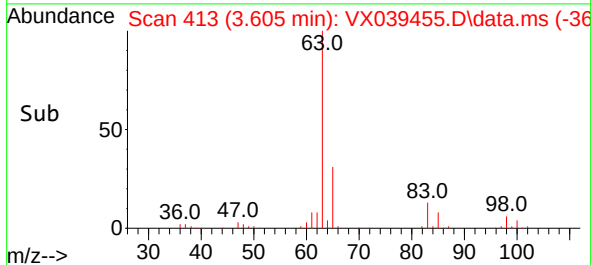
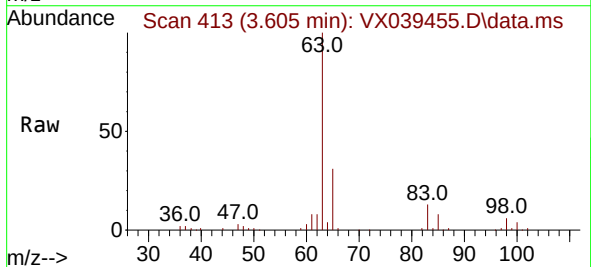
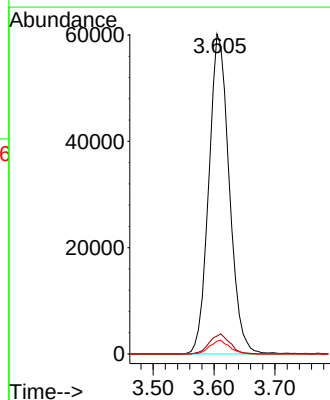
Manual Integrations
 APPROVED

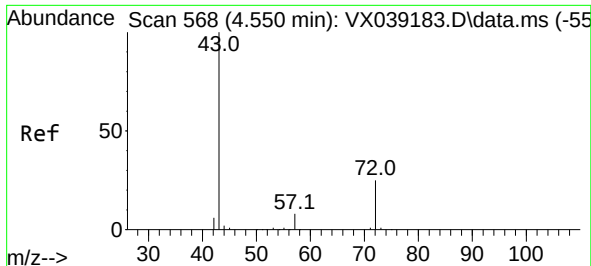
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#24
 1,1-Dichloroethane
 Concen: 50.421 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

Tgt Ion: 63 Resp: 140212
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.0 2.1 6.5





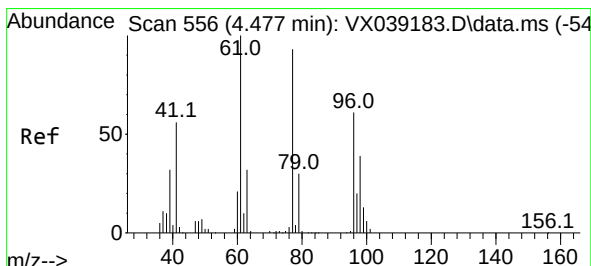
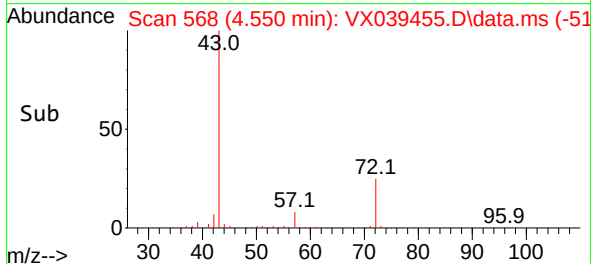
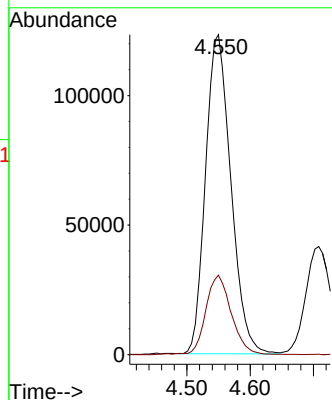
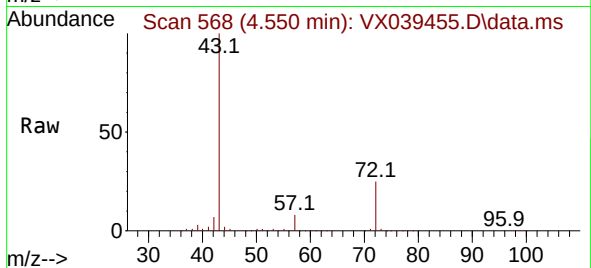
#25
2-Butanone
Concen: 209.624 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion: 43 Resp: 343768
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

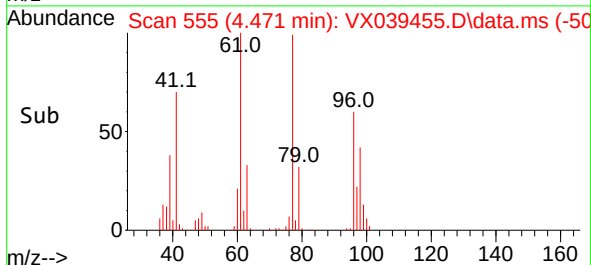
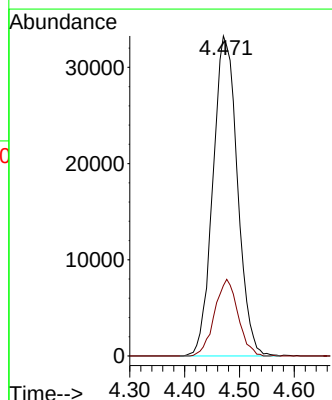
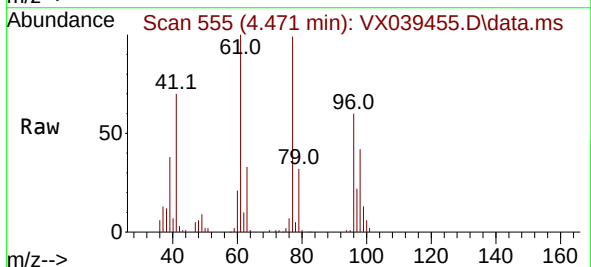
Manual Integrations
APPROVED

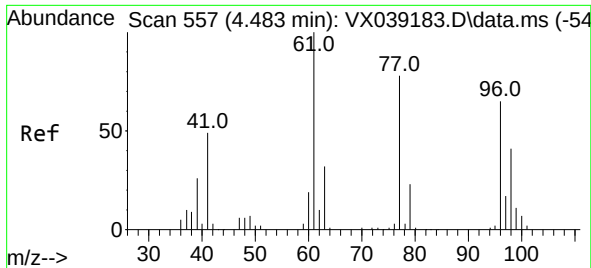
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#26
2,2-Dichloropropane
Concen: 42.509 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion: 77 Resp: 103200
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.682 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 96 Resp: 8280

Ion Ratio Lower Upper

96 100

61 156.7 0.0 312.2

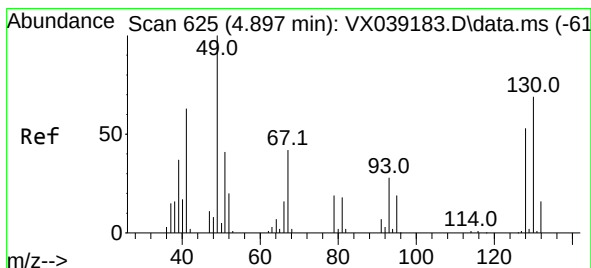
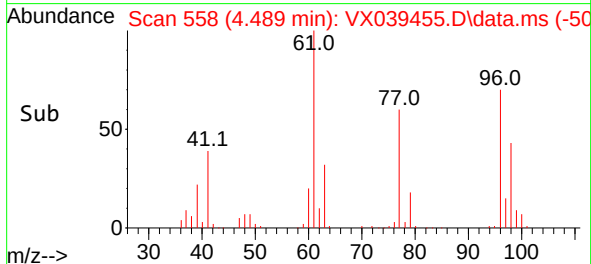
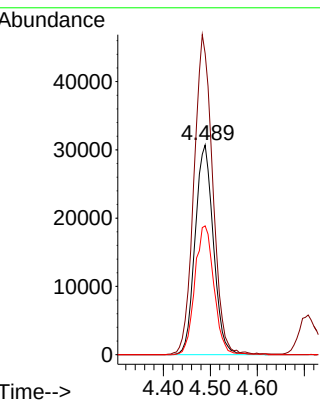
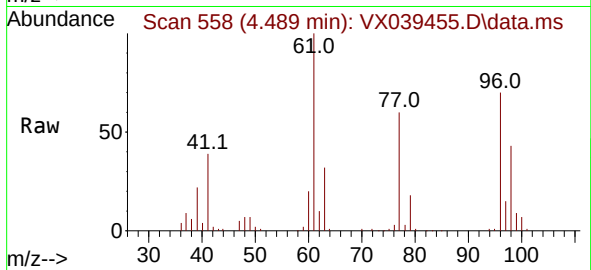
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#28

Bromochloromethane

Concen: 57.681 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

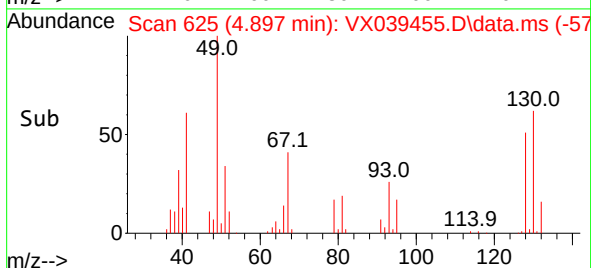
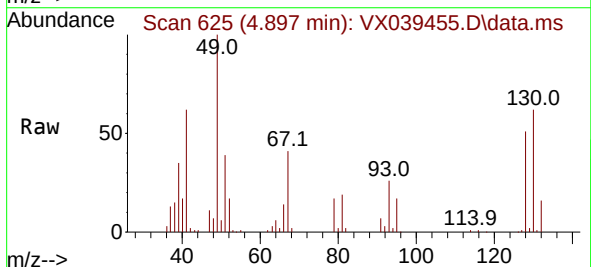
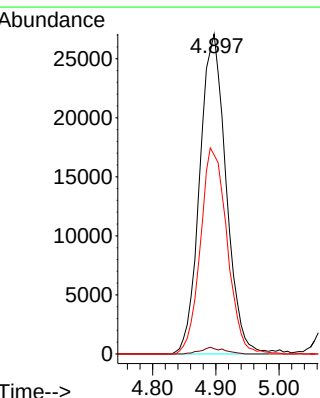
Tgt Ion: 49 Resp: 78264

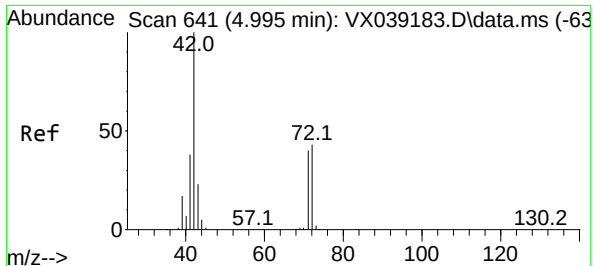
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 65.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.759 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 42 Resp: 231620

Ion Ratio Lower Upper

42 100

72 41.7 34.2 51.4

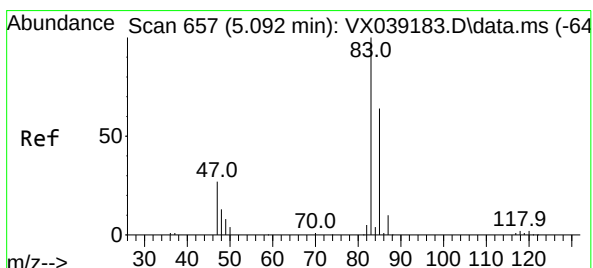
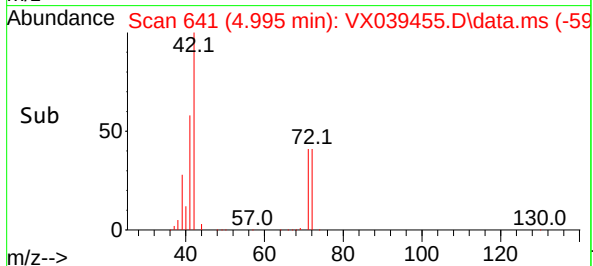
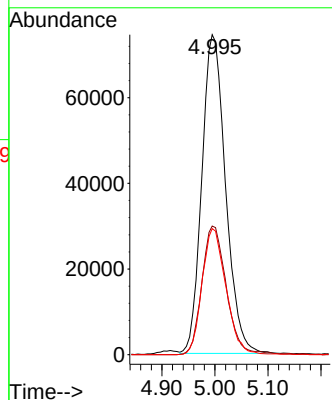
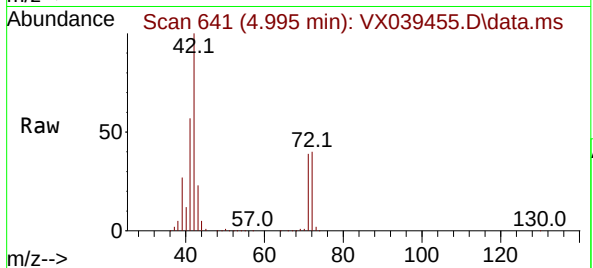
71 39.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#30

Chloroform

Concen: 50.473 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039455.D

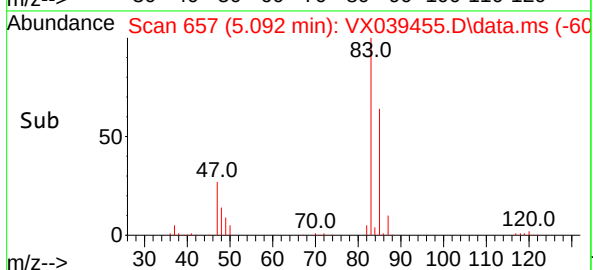
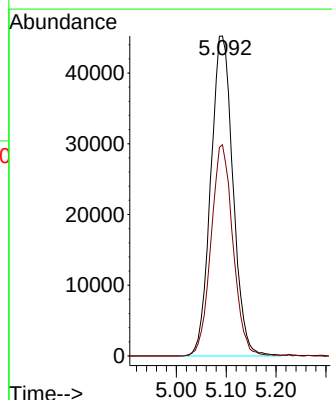
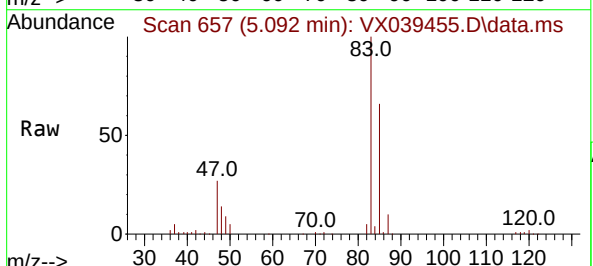
Acq: 22 Dec 2023 21:01

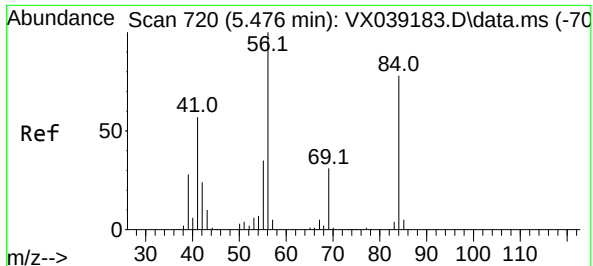
Tgt Ion: 83 Resp: 140261

Ion Ratio Lower Upper

83 100

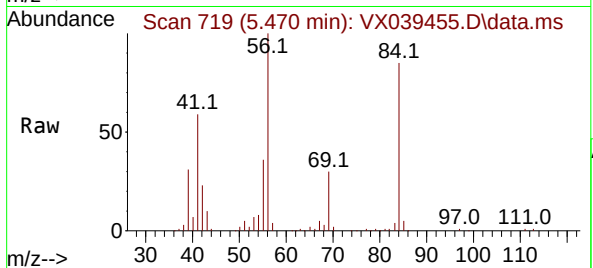
85 66.0 50.3 75.5





#31
Cyclohexane
Concen: 50.770 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

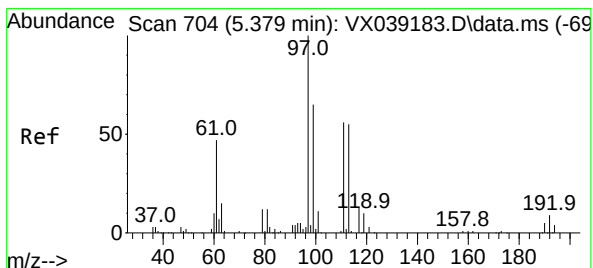
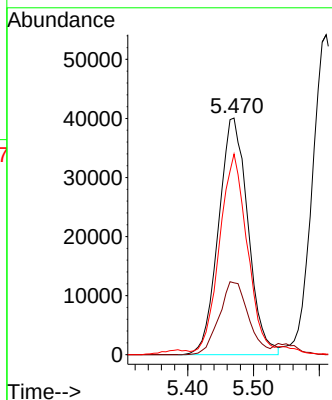
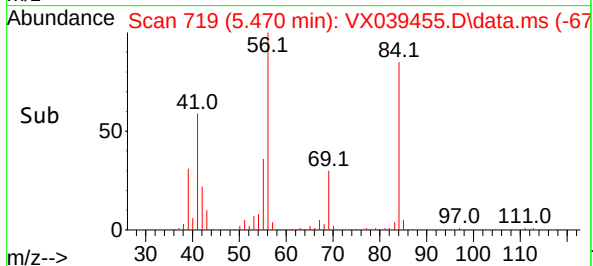
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 56 Resp: 124620
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 82.7 65.9 98.9

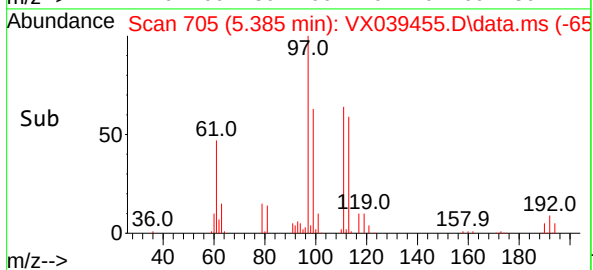
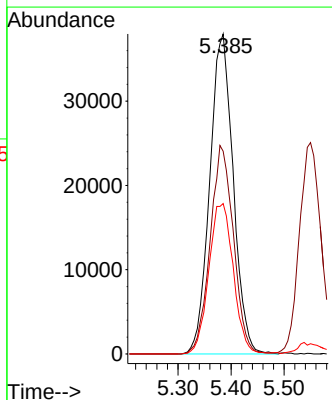
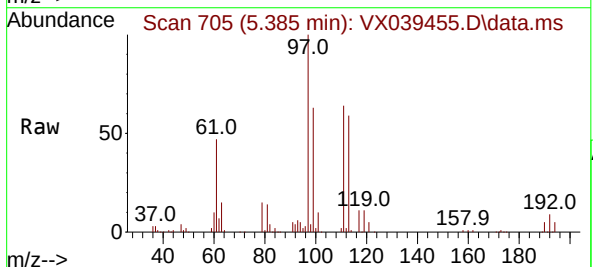
Manual Integrations
APPROVED

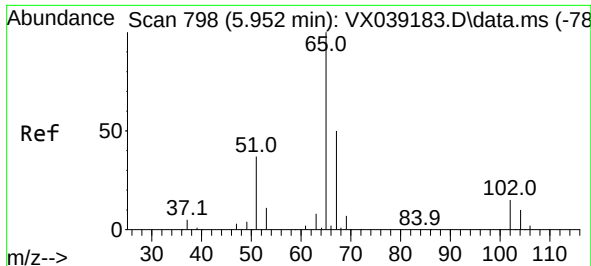
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#32
1,1,1-Trichloroethane
Concen: 48.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion: 97 Resp: 116688
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 49.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.086 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 65 Resp: 9518

Ion Ratio Lower Upper

65 100

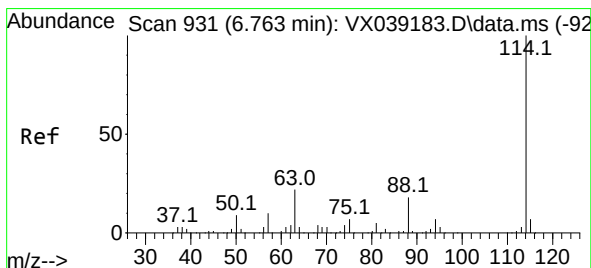
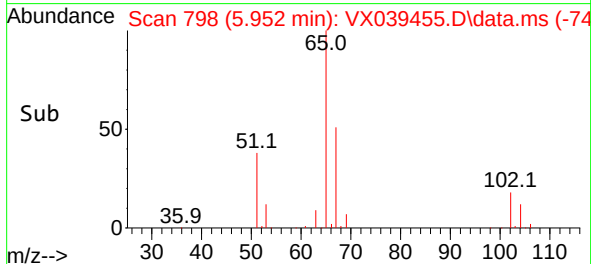
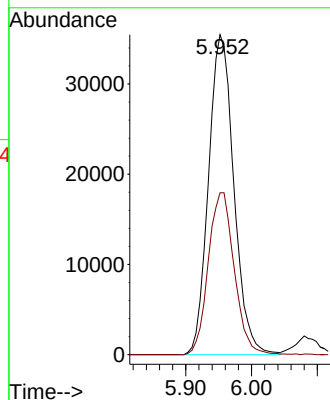
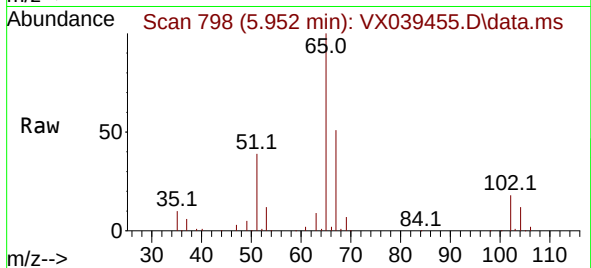
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

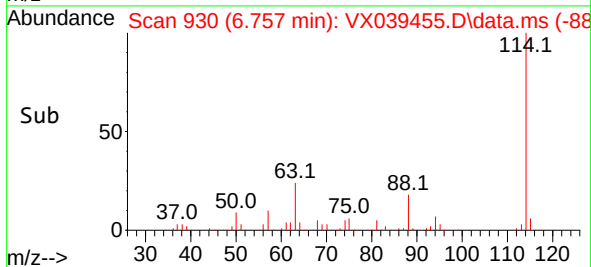
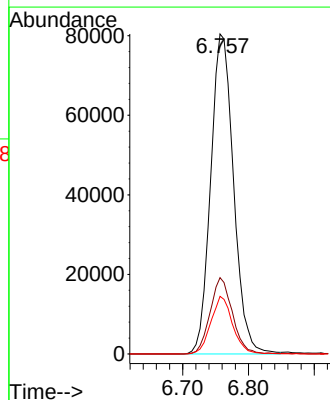
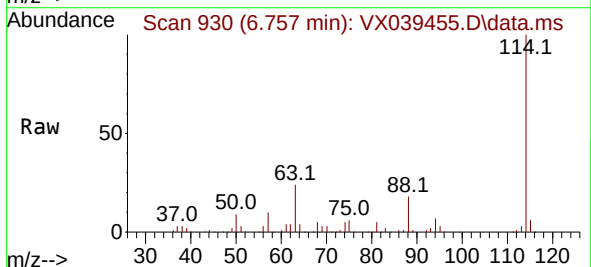
Tgt Ion:114 Resp: 194996

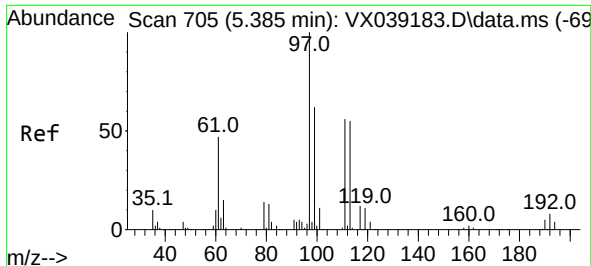
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion:113 Resp: 6767

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

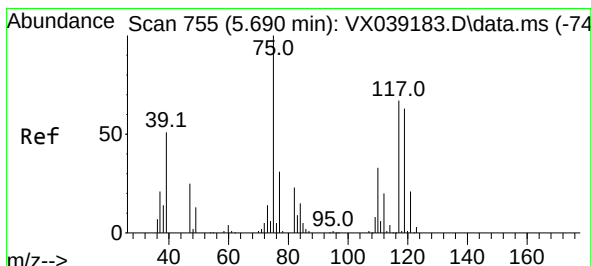
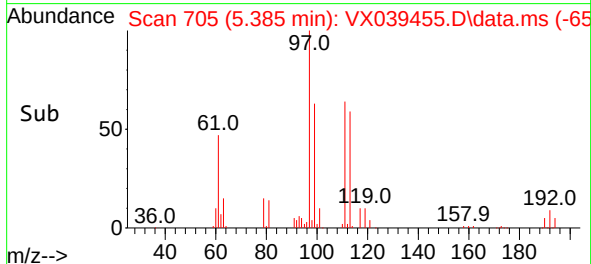
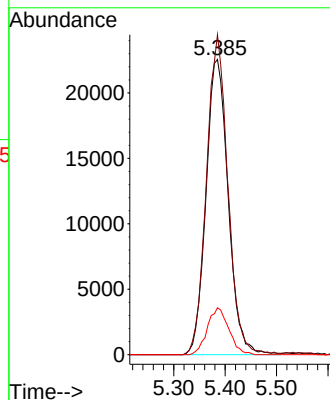
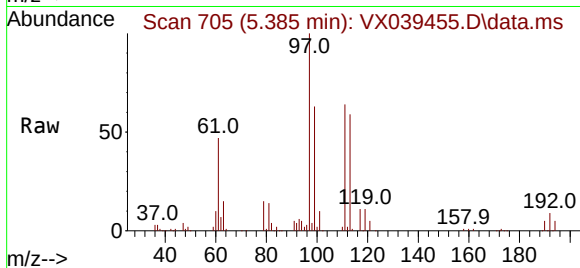
192 15.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#36

1,1-Dichloropropene

Concen: 48.547 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

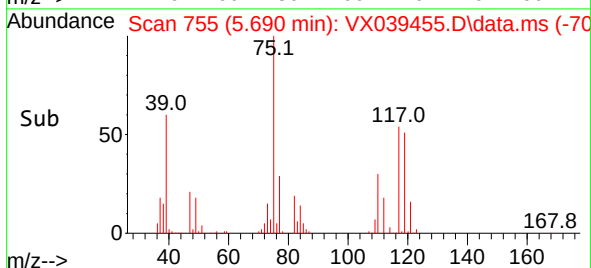
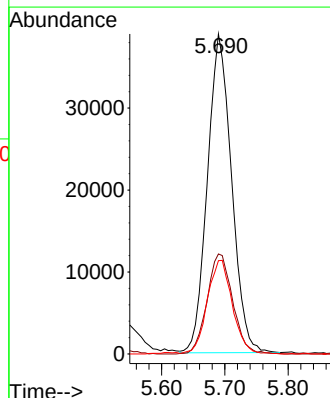
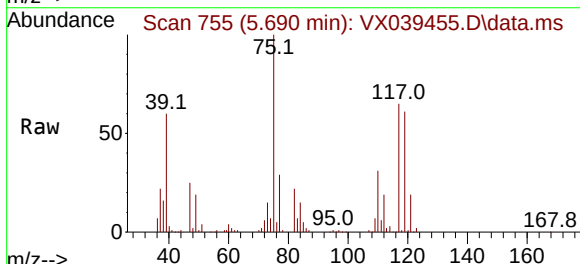
Tgt Ion: 75 Resp: 103202

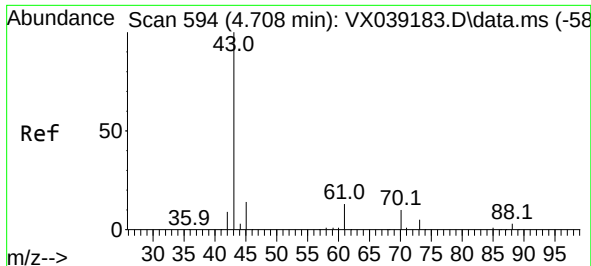
Ion Ratio Lower Upper

75 100

110 33.1 17.0 50.9

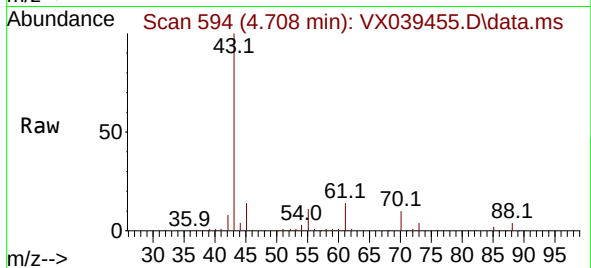
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 45.658 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

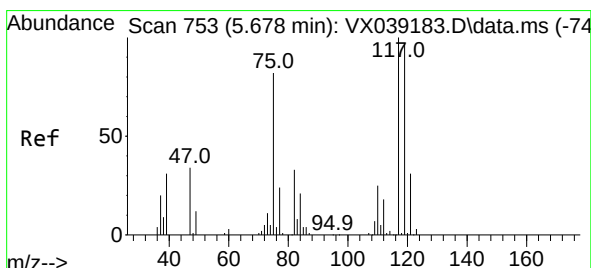
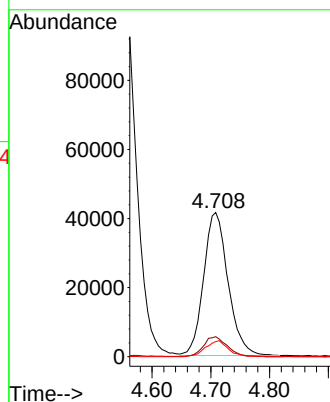
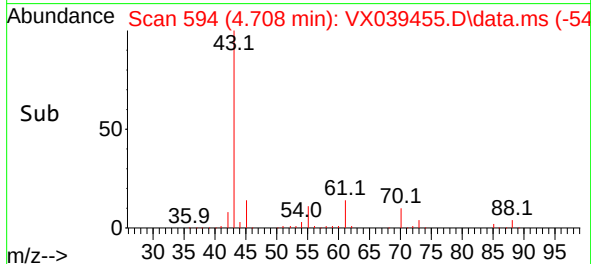
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 43 Resp: 11991
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.3 8.3 12.5

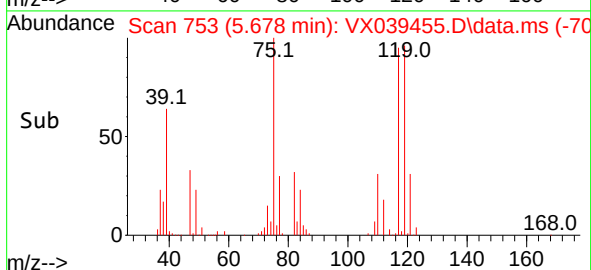
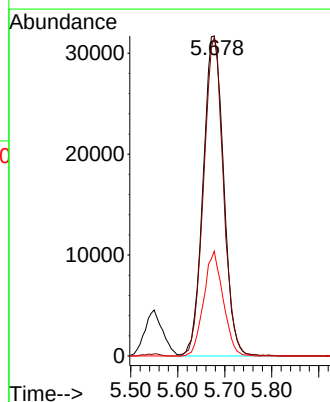
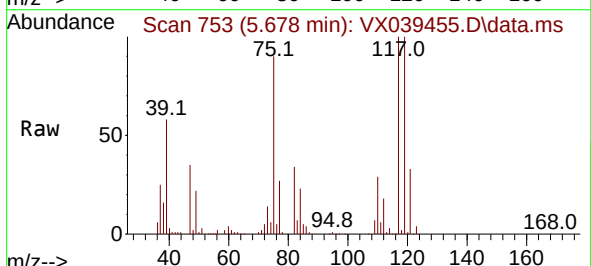
Manual Integrations
APPROVED

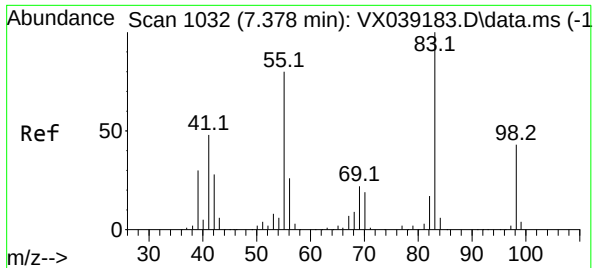
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#38
Carbon Tetrachloride
Concen: 47.402 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion:117 Resp: 96164
Ion Ratio Lower Upper
117 100
119 99.6 78.2 117.2
121 32.7 24.4 36.6





#39

Methylcyclohexane

Concen: 47.280 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 83 Resp: 120730

Ion Ratio Lower Upper

83 100

55 86.0 64.6 97.0

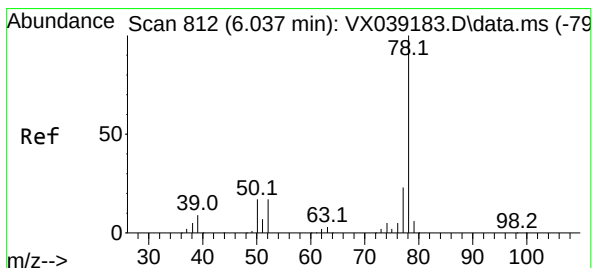
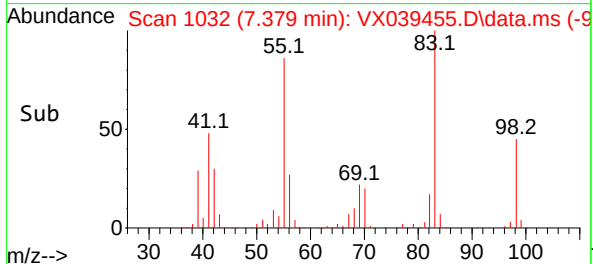
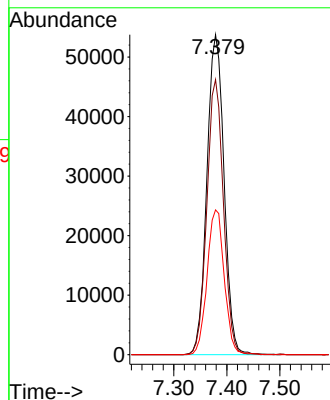
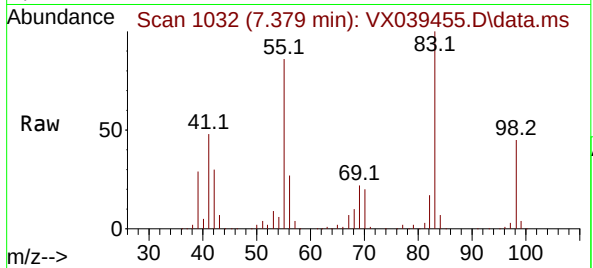
98 45.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#40

Benzene

Concen: 50.067 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039455.D

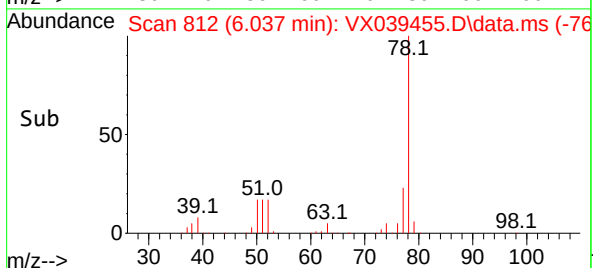
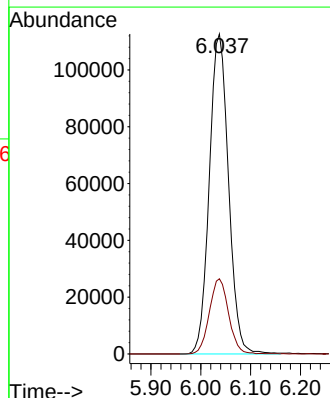
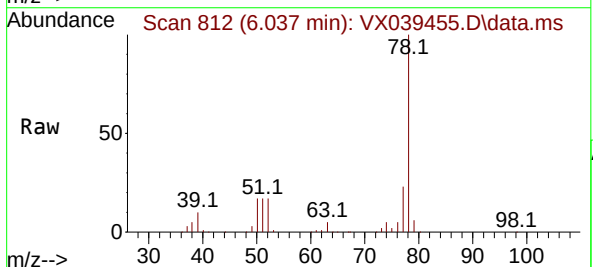
Acq: 22 Dec 2023 21:01

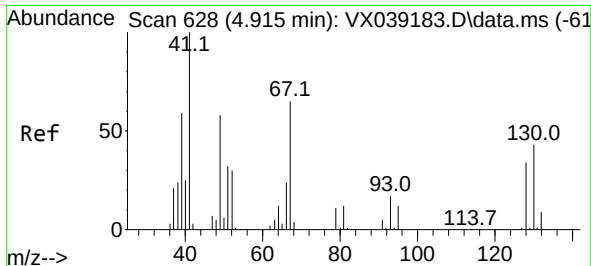
Tgt Ion: 78 Resp: 301069

Ion Ratio Lower Upper

78 100

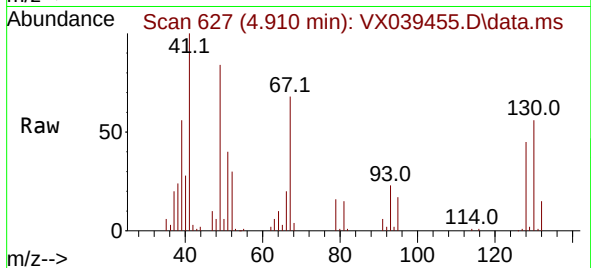
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 50.542 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

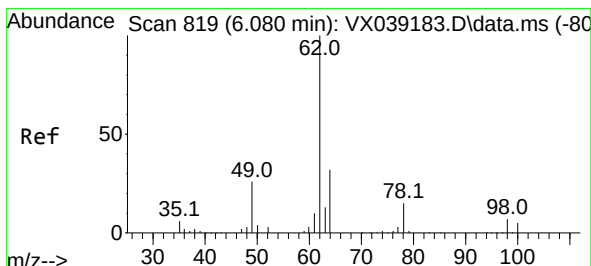
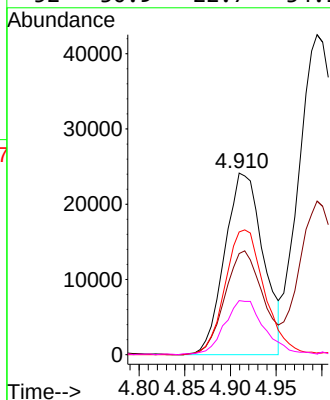
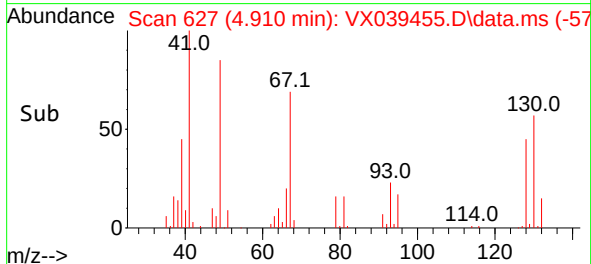
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 41 Resp: 70824
Ion Ratio Lower Upper
41 100
39 56.7 45.2 67.8
67 70.8 52.6 78.8
52 30.9 22.7 34.1

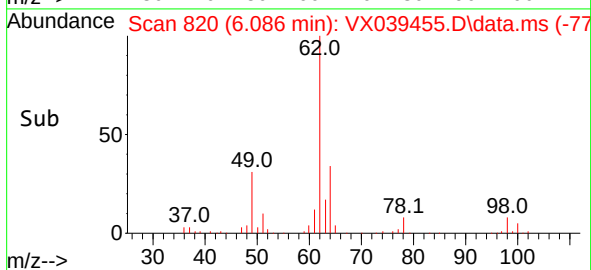
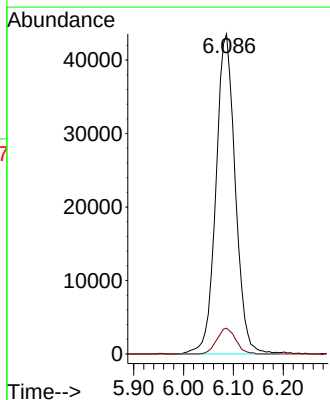
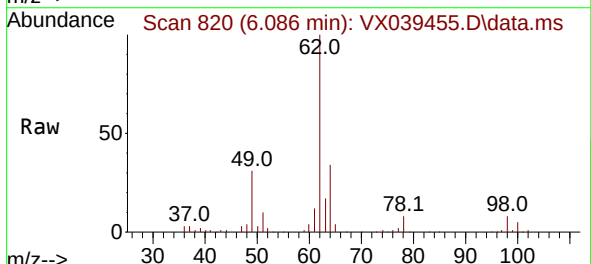
Manual Integrations
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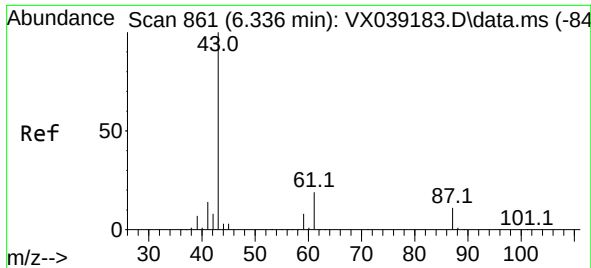
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#42
1,2-Dichloroethane
Concen: 48.210 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

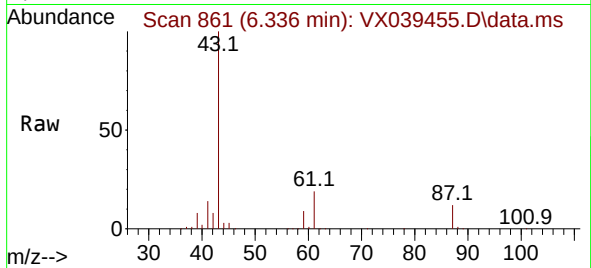
Tgt Ion: 62 Resp: 117350
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.091 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

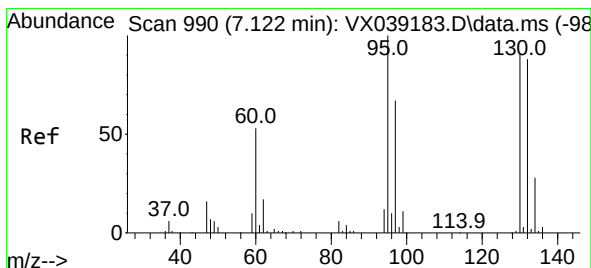
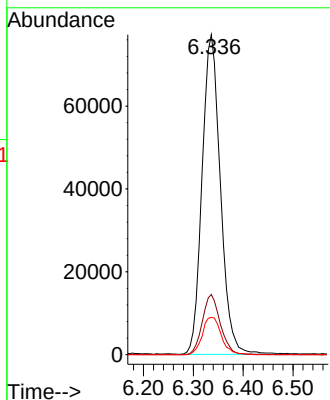
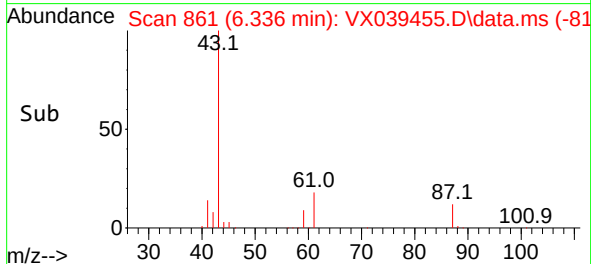
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion: 43 Resp: 196840
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.1 9.8 14.6

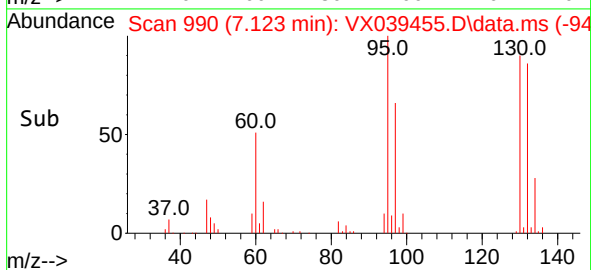
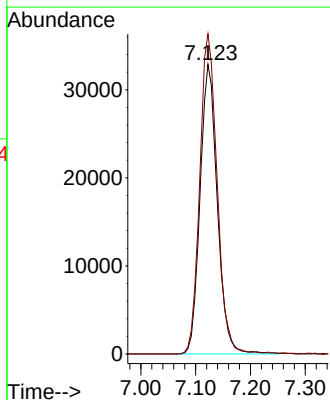
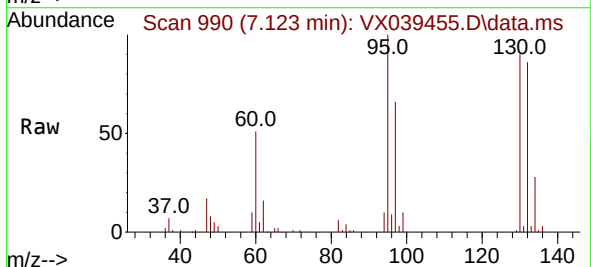
Manual Integrations
APPROVED

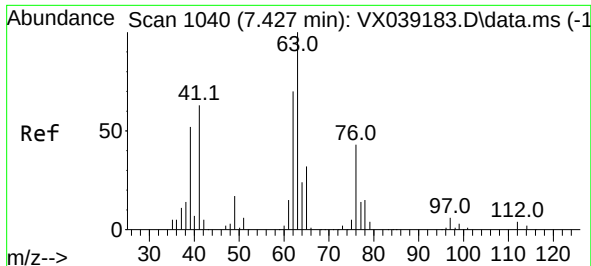
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#44
Trichloroethene
Concen: 47.284 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion:130 Resp: 71751
Ion Ratio Lower Upper
130 100
95 110.6 0.0 204.4





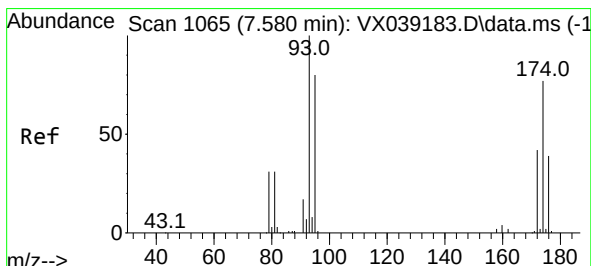
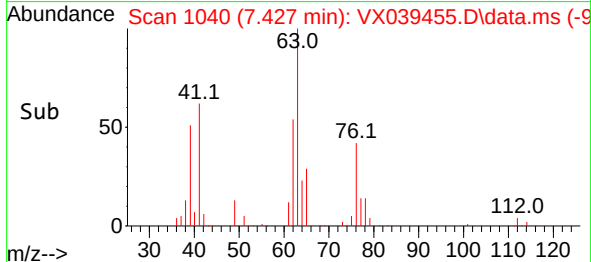
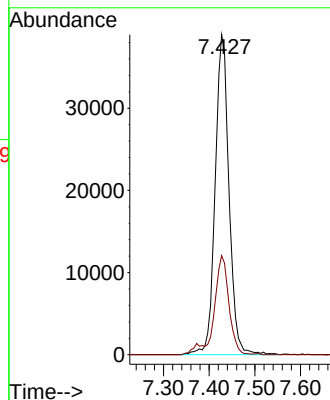
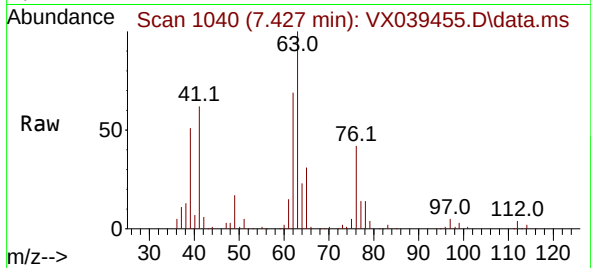
#45
1,2-Dichloropropane
Concen: 50.847 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion: 63 Resp: 8206
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

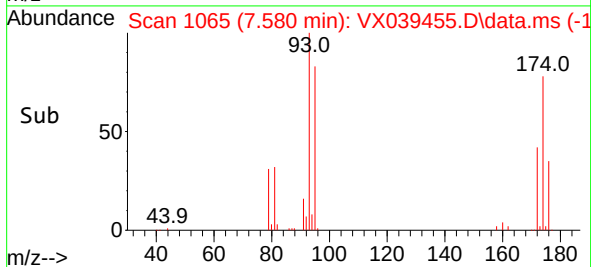
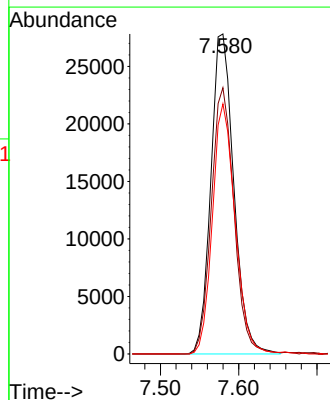
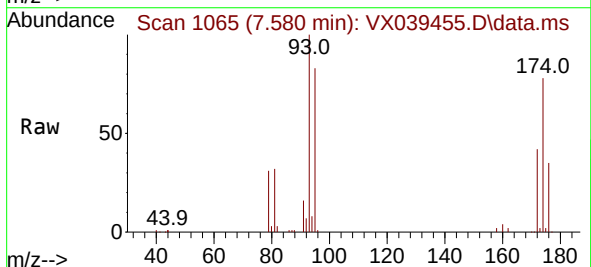
Manual Integrations
APPROVED

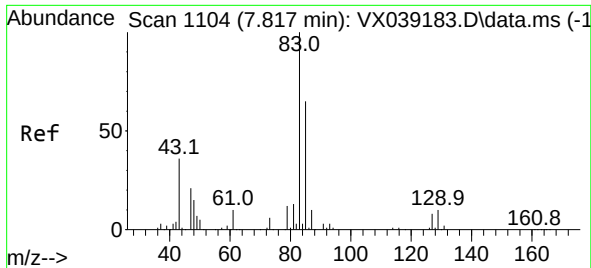
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#46
Dibromomethane
Concen: 50.011 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

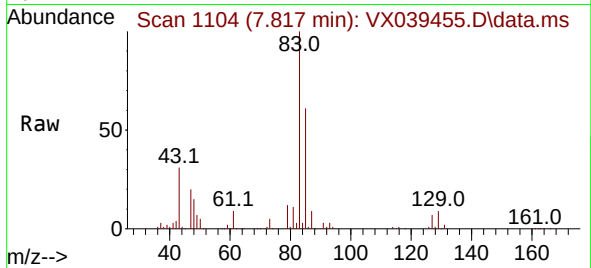
Tgt Ion: 93 Resp: 56737
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 77.5 69.4 104.0





#47
Bromodichloromethane
Concen: 50.053 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

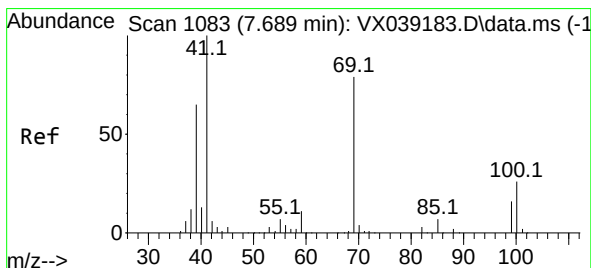
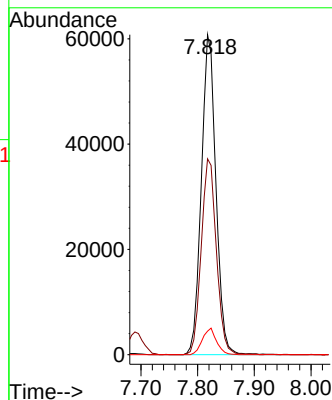
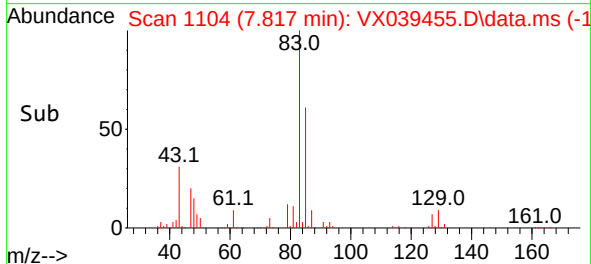
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



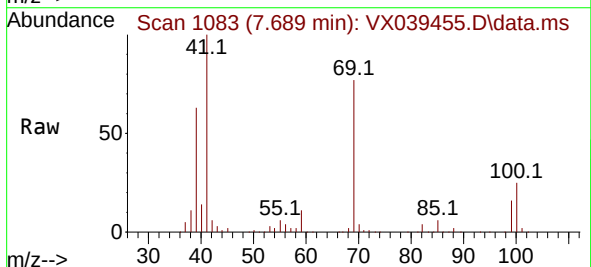
Tgt Ion: 83 Resp: 10857
Ion Ratio Lower Upper
83 100
85 61.2 49.8 74.6
127 7.4 7.1 10.7

Manual Integrations
APPROVED

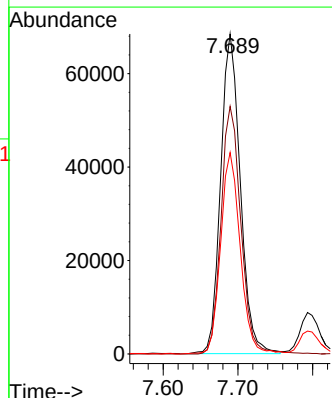
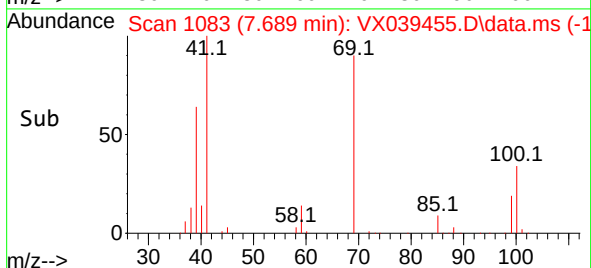
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

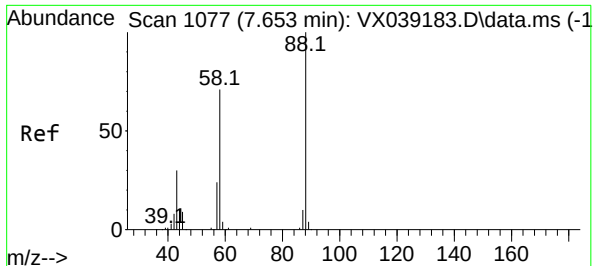


#48
Methyl methacrylate
Concen: 50.161 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



Tgt Ion: 41 Resp: 125241
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 977.584 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

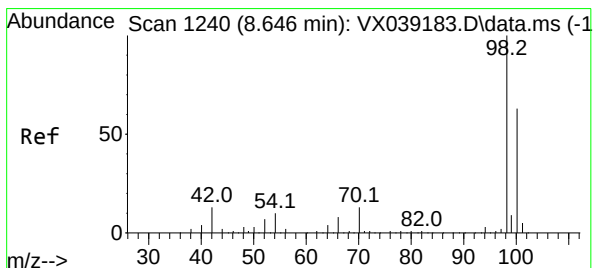
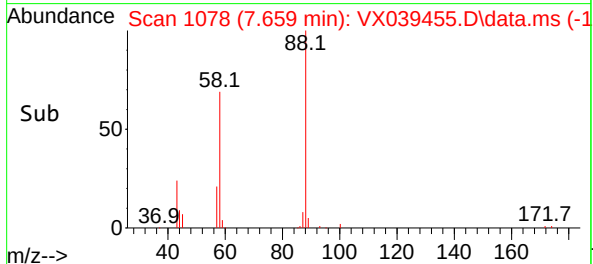
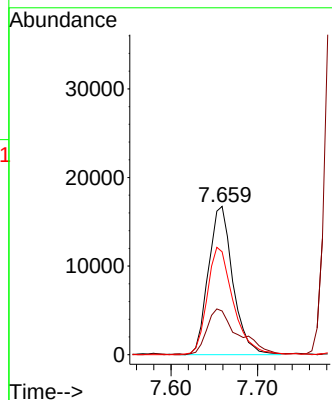
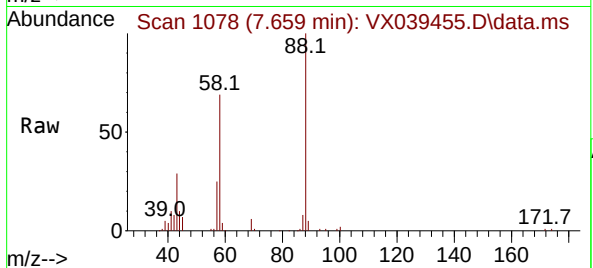
Tgt Ion: 88 Resp: 3290
 Ion Ratio Lower Upper
 88 100
 43 39.7 0.0 0.0
 58 76.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#50

Toluene-d8

Concen: 51.025 ug/l

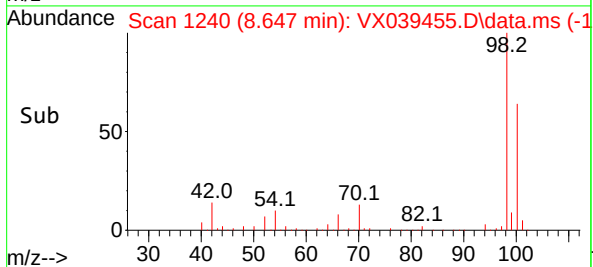
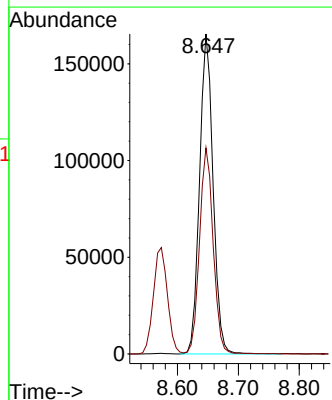
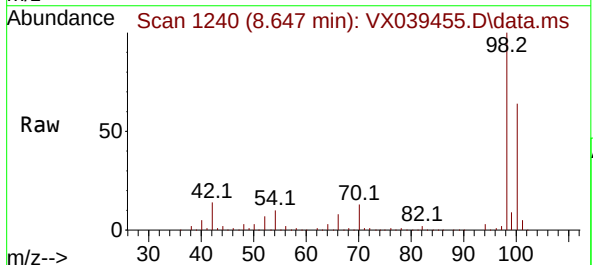
RT: 8.647 min Scan# 1240

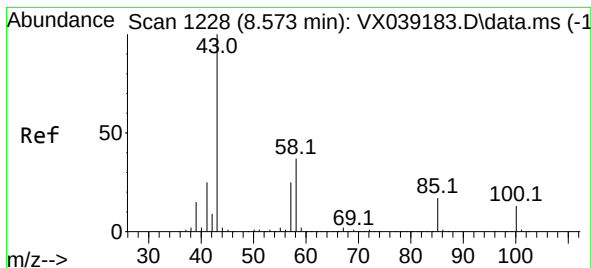
Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

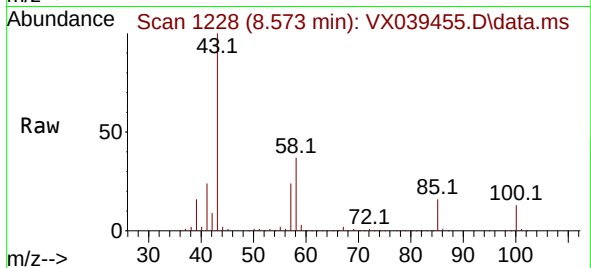
Tgt Ion: 98 Resp: 255187
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 255.461 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

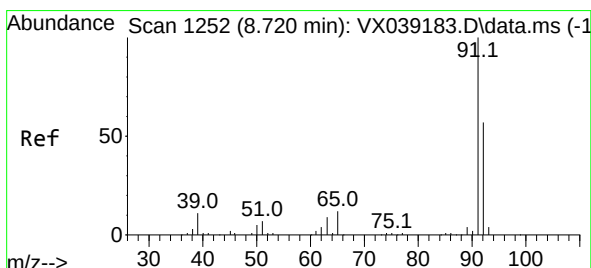
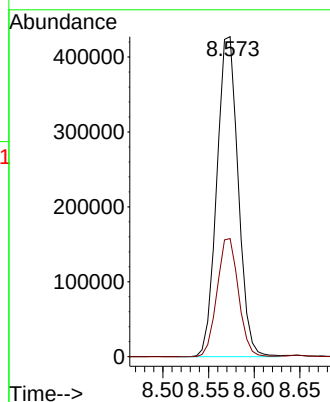
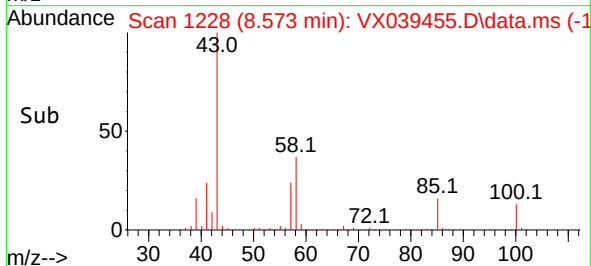
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



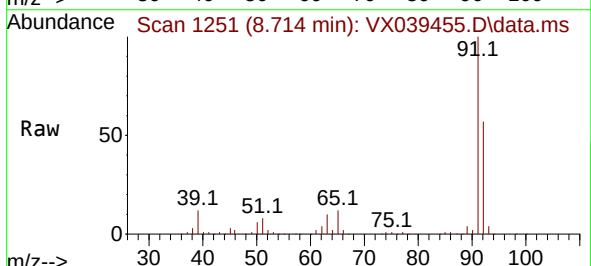
Tgt Ion: 43 Resp: 695140
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6

Manual Integrations
APPROVED

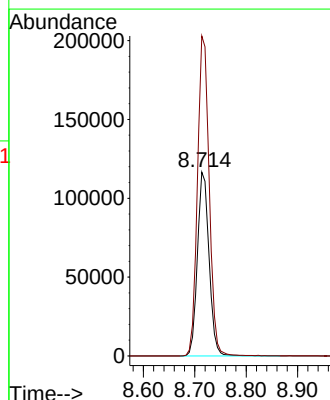
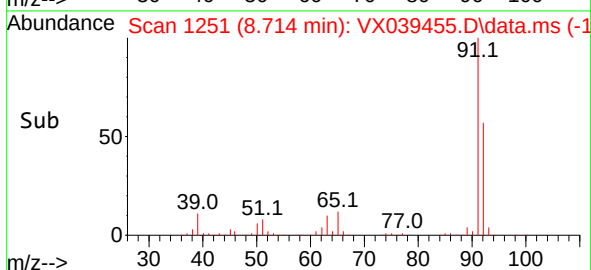
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

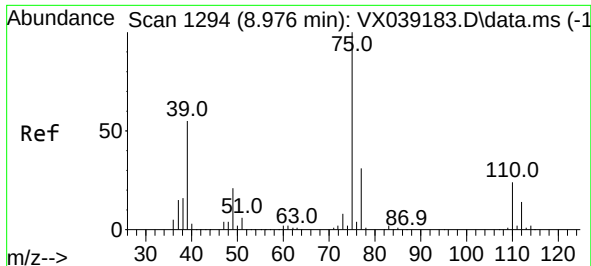


#52
Toluene
Concen: 50.637 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



Tgt Ion: 92 Resp: 183785
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.933 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 75 Resp: 11447

Ion Ratio Lower Upper

75 100

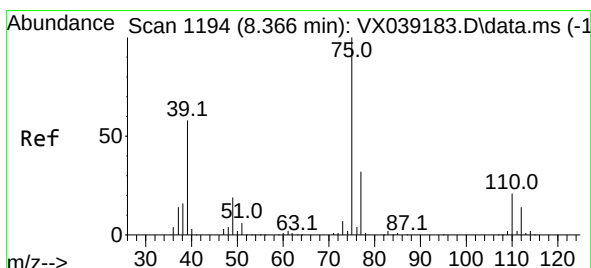
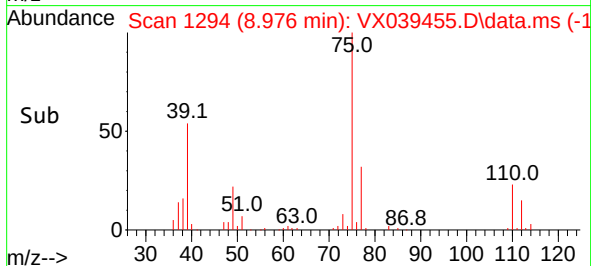
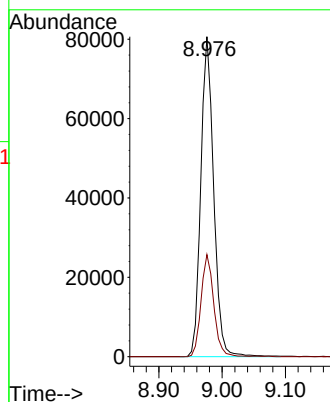
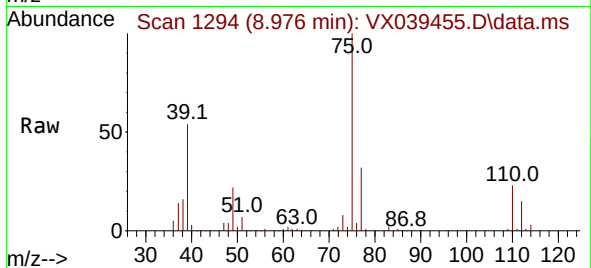
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#54

cis-1,3-Dichloropropene

Concen: 47.349 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

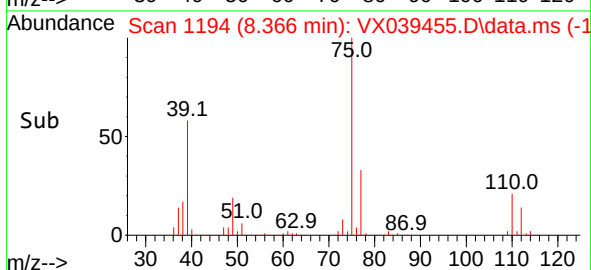
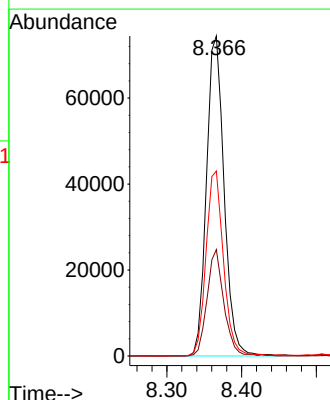
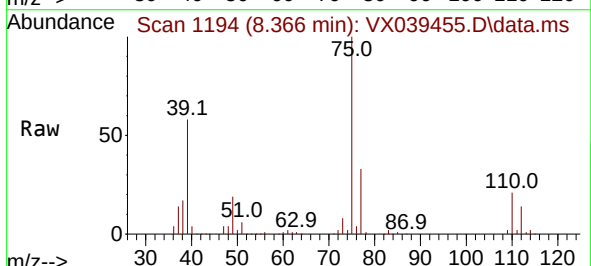
Tgt Ion: 75 Resp: 121668

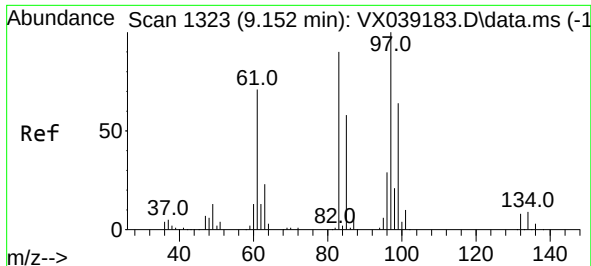
Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9

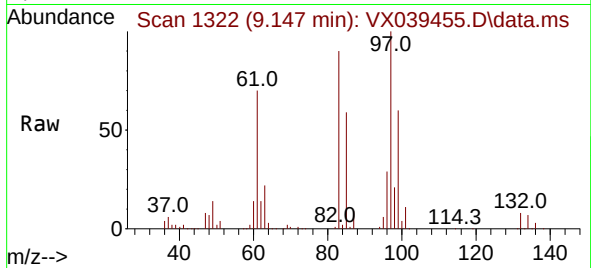
39 57.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.643 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

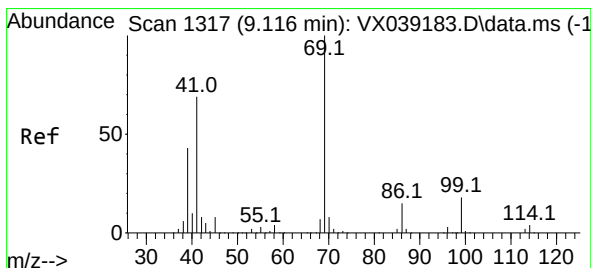
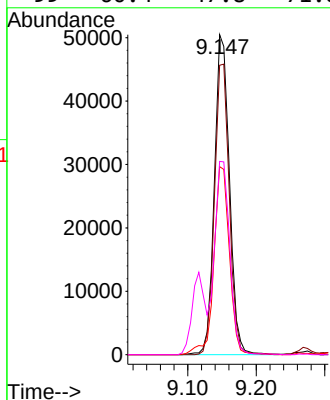
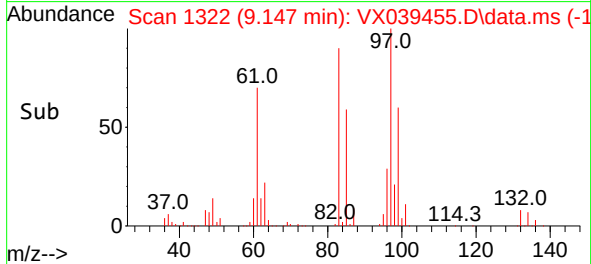
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.8	98.8
85	58.7	41.6	62.4
99	60.4	47.8	71.8

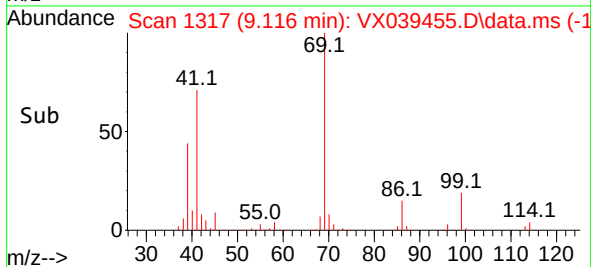
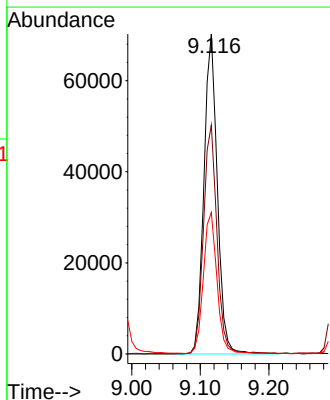
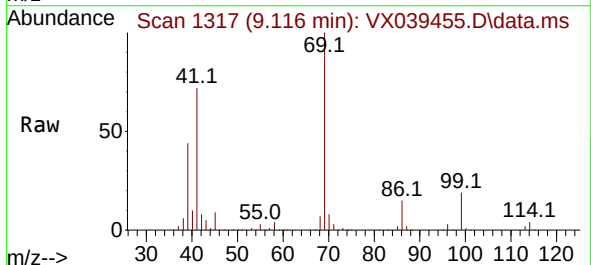
Manual Integrations
APPROVED

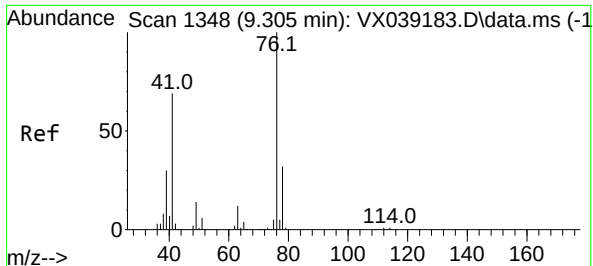
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#56
Ethyl methacrylate
Concen: 51.738 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.8	85.2
39	44.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.789 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion: 76 Resp: 13304

Ion Ratio Lower Upper

76 100

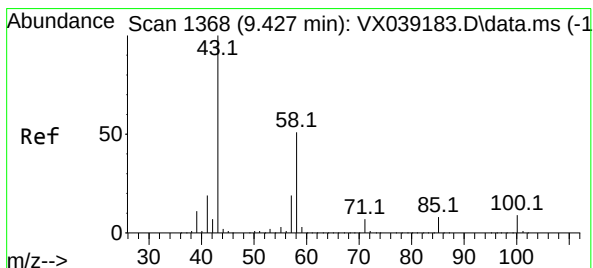
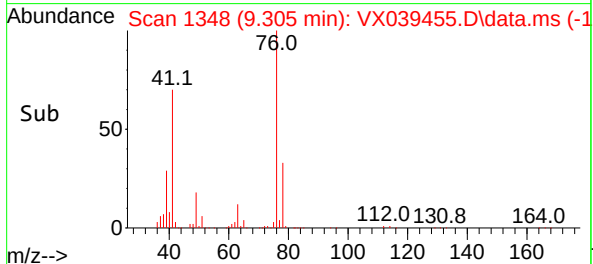
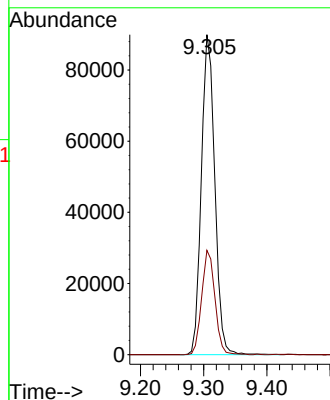
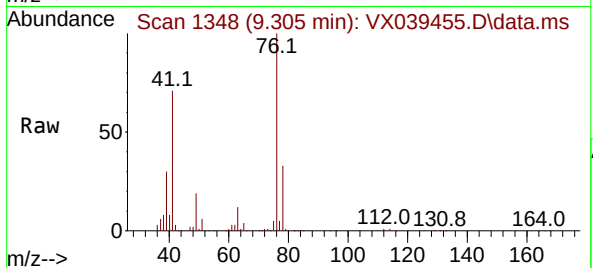
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#59

2-Hexanone

Concen: 234.431 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039455.D

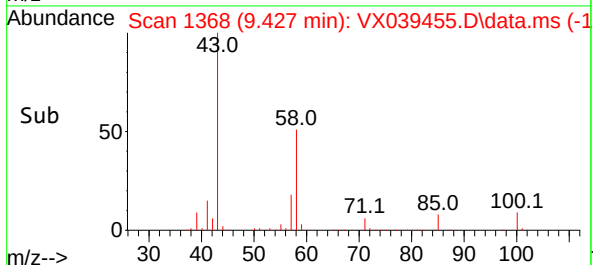
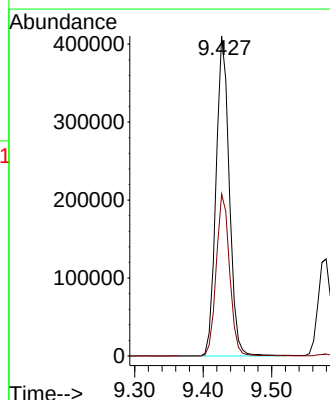
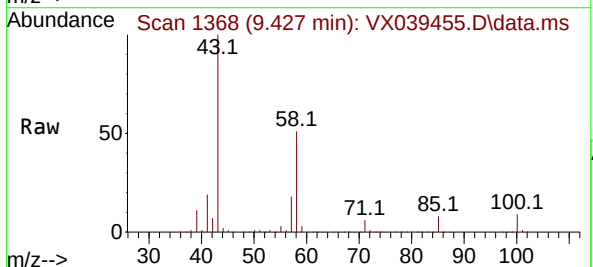
Acq: 22 Dec 2023 21:01

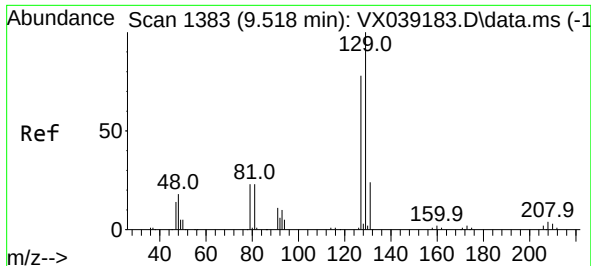
Tgt Ion: 43 Resp: 550546

Ion Ratio Lower Upper

43 100

58 51.2 26.2 78.5





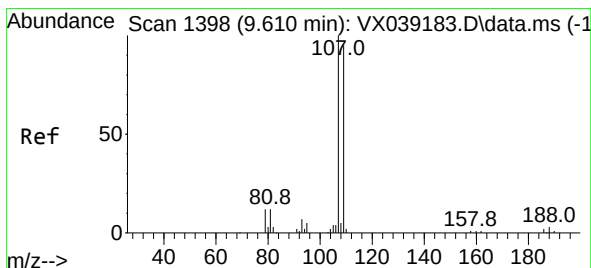
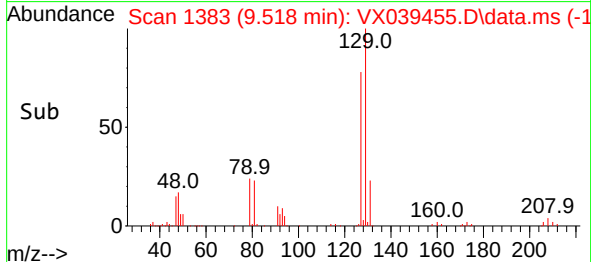
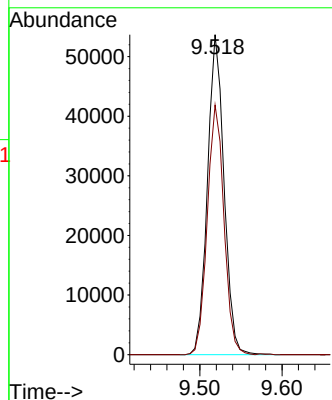
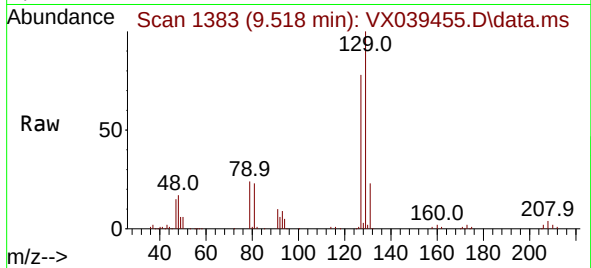
#60
Dibromochloromethane
Concen: 48.971 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion:129 Resp: 7504
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

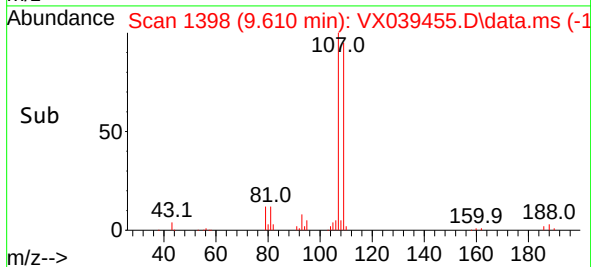
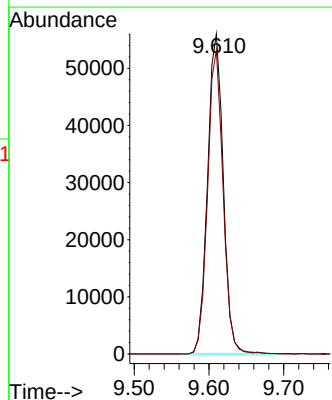
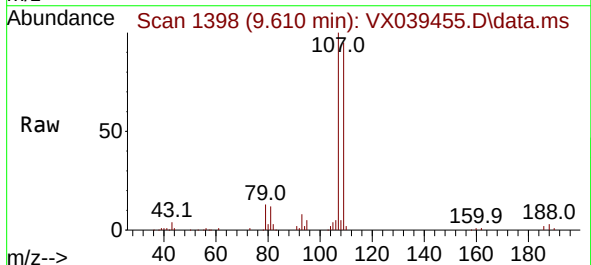
Manual Integrations
APPROVED

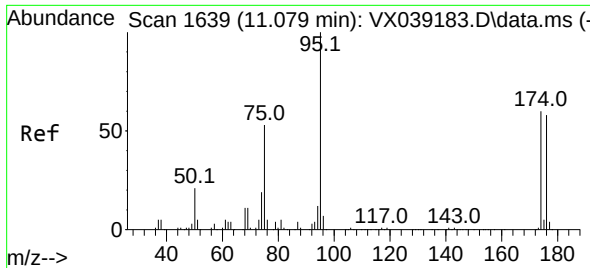
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#61
1,2-Dibromoethane
Concen: 50.692 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

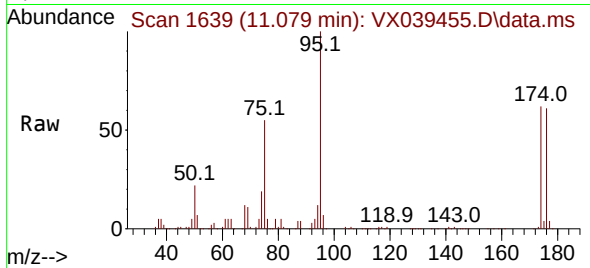
Tgt Ion:107 Resp: 81997
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 50.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

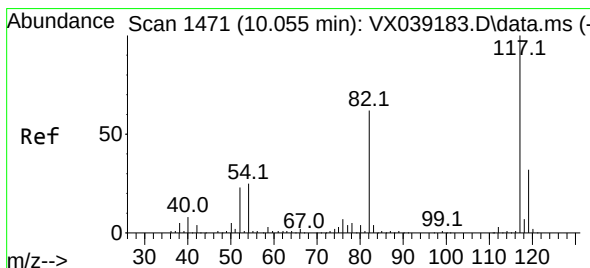
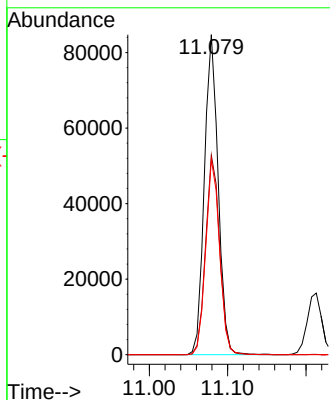
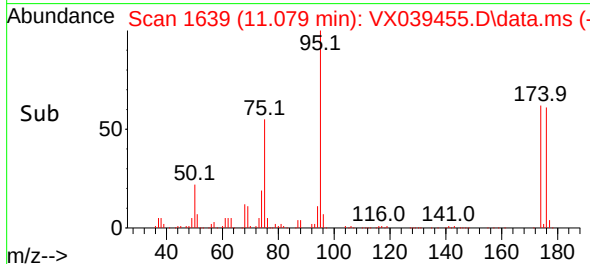
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



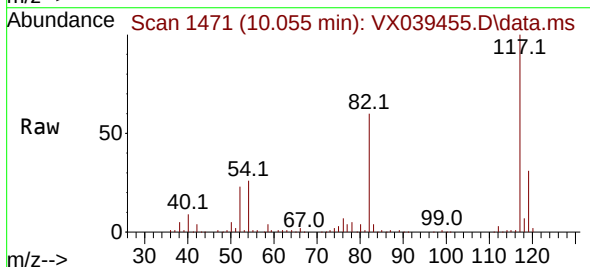
Tgt Ion: 95 Resp: 103210
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 61.1 0.0 131.0

Manual Integrations
APPROVED

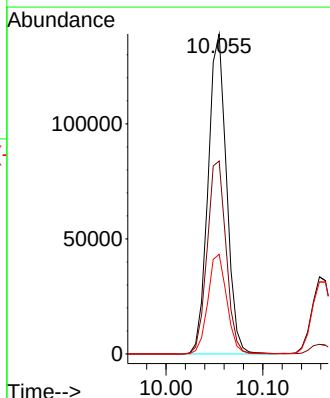
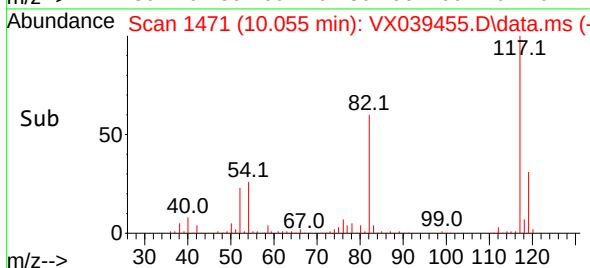
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

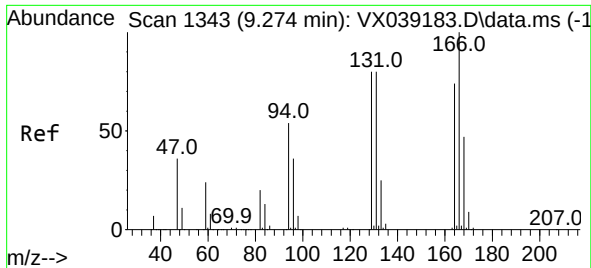


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



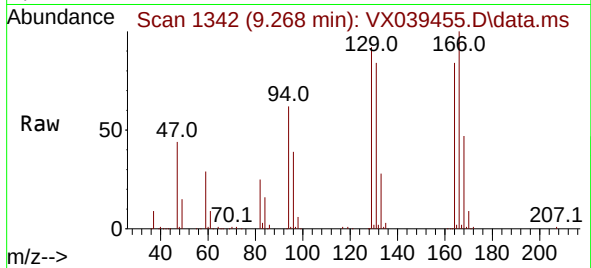
Tgt Ion:117 Resp: 184155
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 31.1 25.5 38.3





#64
Tetrachloroethene
Concen: 44.594 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

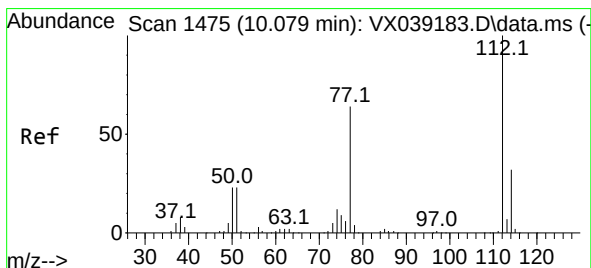
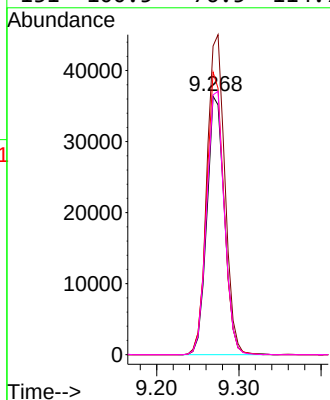
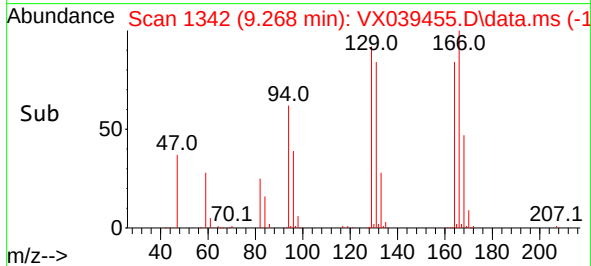
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:164 Resp: 53664
Ion Ratio Lower Upper
164 100
166 119.4 102.7 154.1
129 109.3 80.4 120.6
131 100.5 76.5 114.7

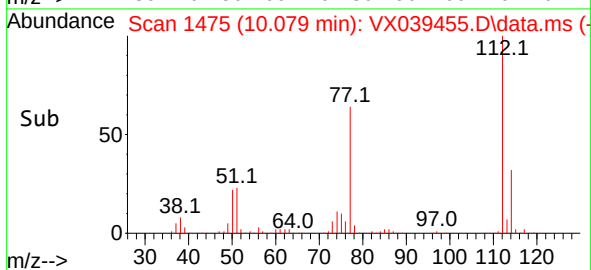
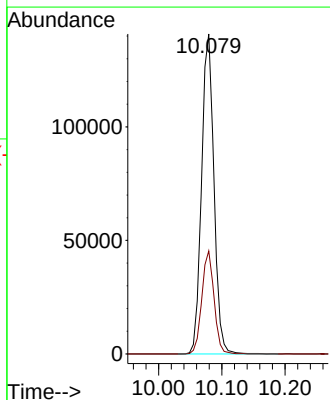
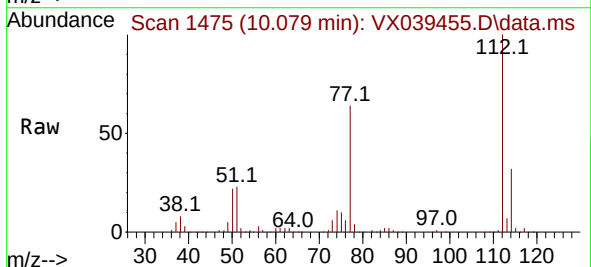
Manual Integrations
APPROVED

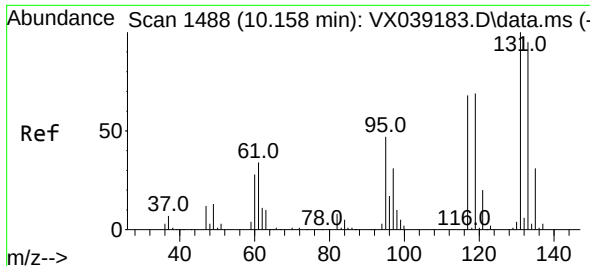
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#65
Chlorobenzene
Concen: 47.840 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion:112 Resp: 192295
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





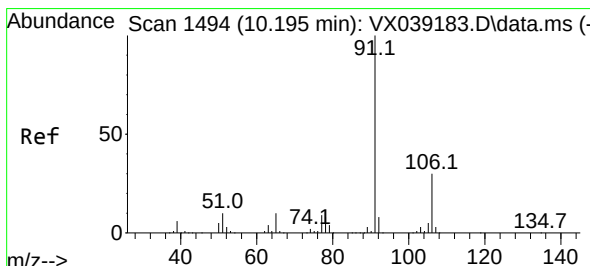
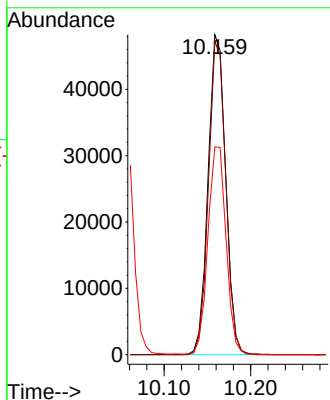
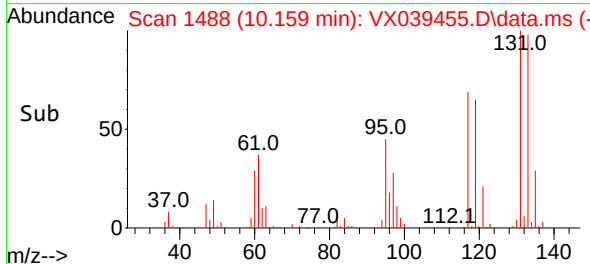
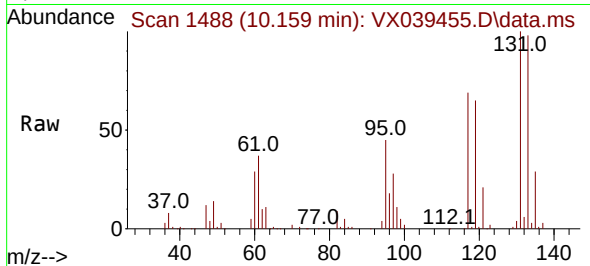
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.081 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. 0.000 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMS

Tgt Ion:131 Resp: 68260
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.1 141.4
 119 66.9 32.2 96.6

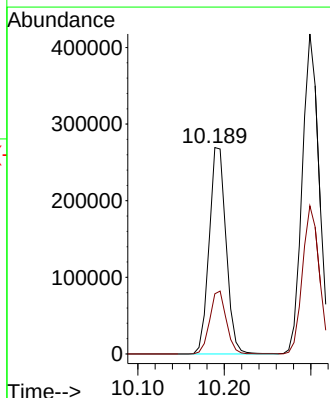
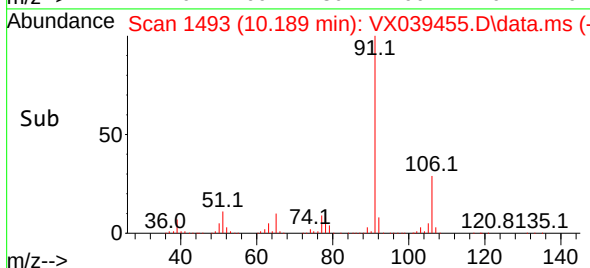
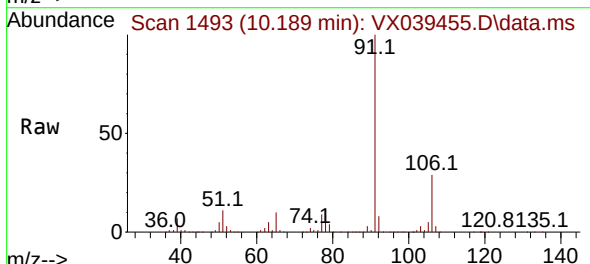
Manual Integrations
 APPROVED

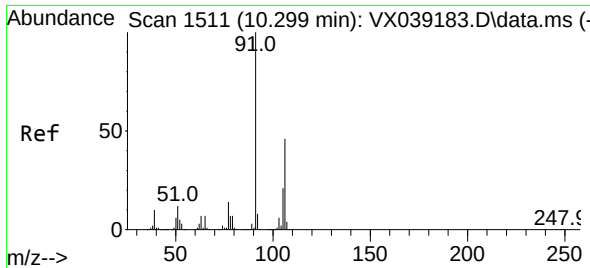
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#67
 Ethyl Benzene
 Concen: 48.809 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

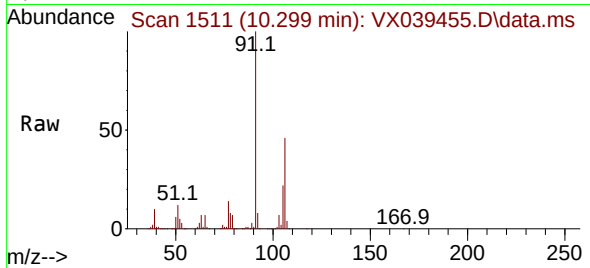
Tgt Ion: 91 Resp: 365197
 Ion Ratio Lower Upper
 91 100
 106 29.2 24.9 37.3





#68
m/p-Xylenes
Concen: 97.734 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

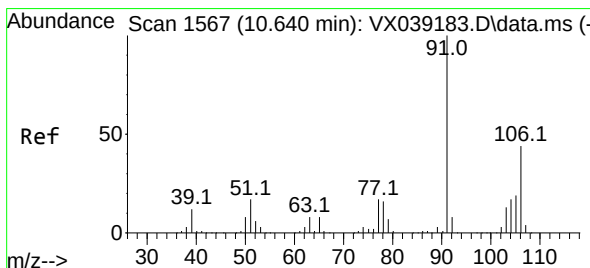
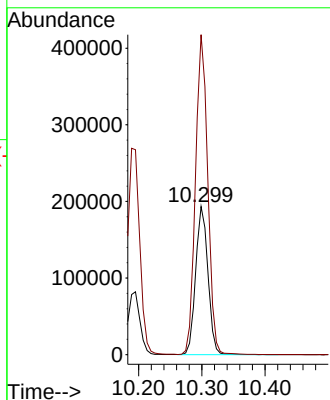
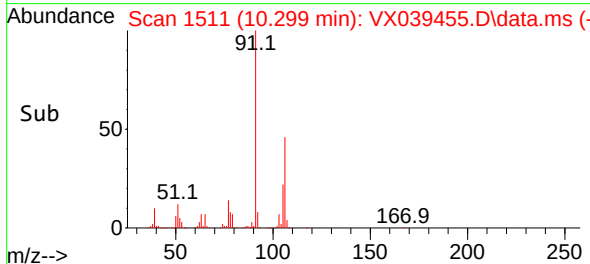
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:106 Resp: 262189
Ion Ratio Lower Upper
106 100
91 215.5 165.5 248.3

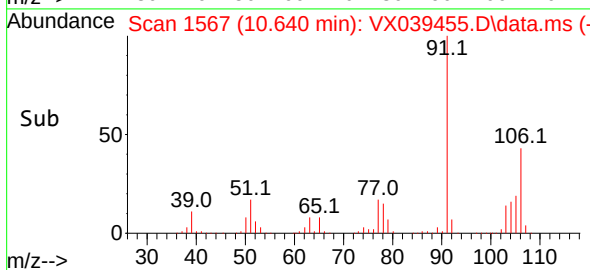
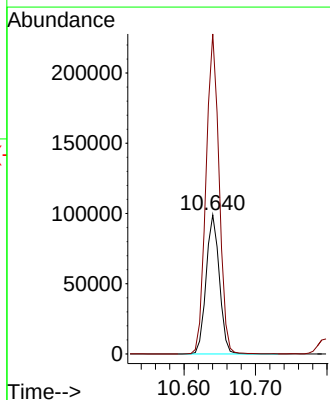
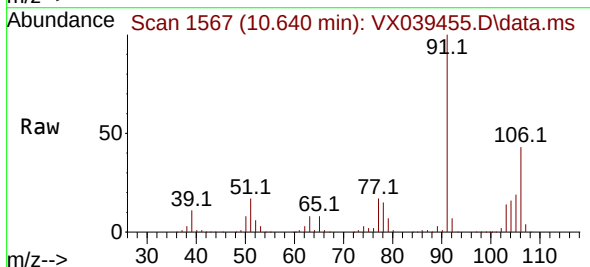
Manual Integrations
APPROVED

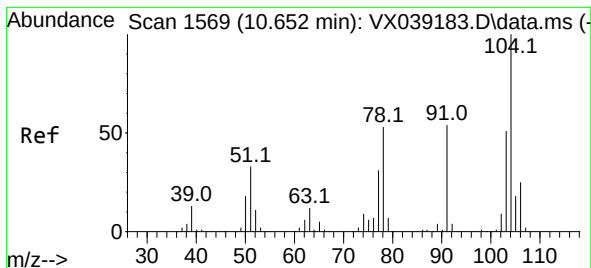
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#69
o-Xylene
Concen: 49.083 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Tgt Ion:106 Resp: 127310
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8





#70

Styrene

Concen: 50.105 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

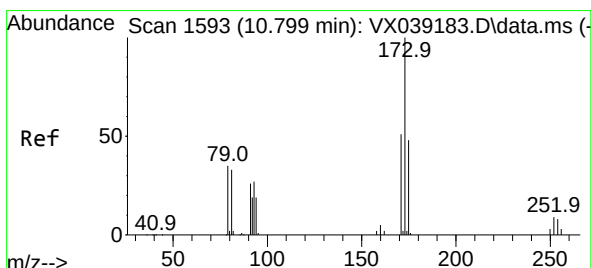
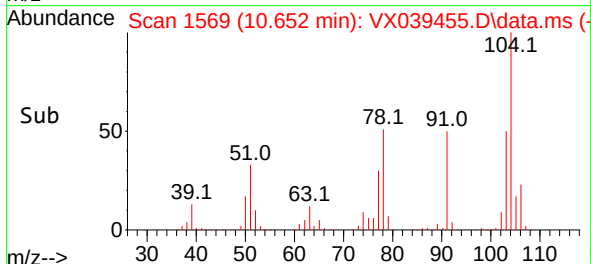
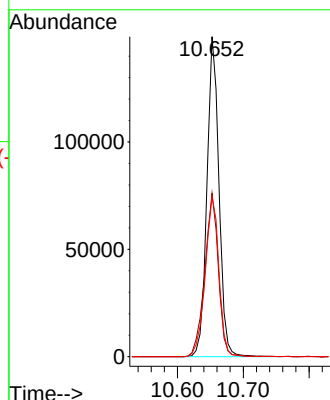
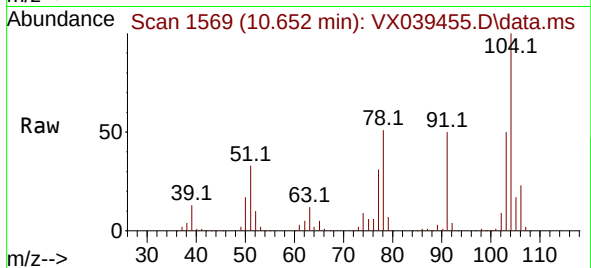
Tgt Ion:104	Resp:	18999	
Ion Ratio	Lower	Upper	
104	100		
78	57.8	43.6	65.4
103	56.8	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#71

Bromoform

Concen: 46.959 ug/l

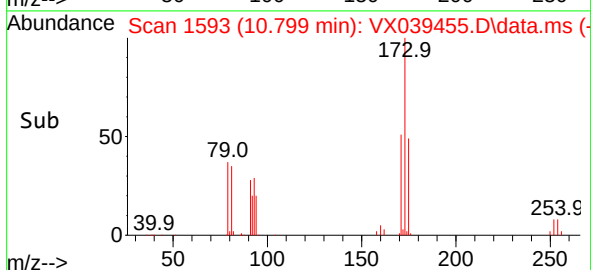
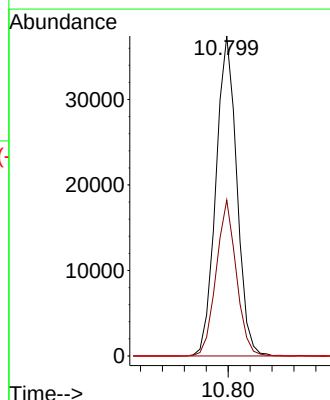
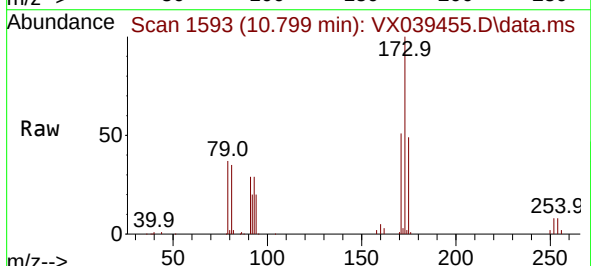
RT: 10.799 min Scan# 1593

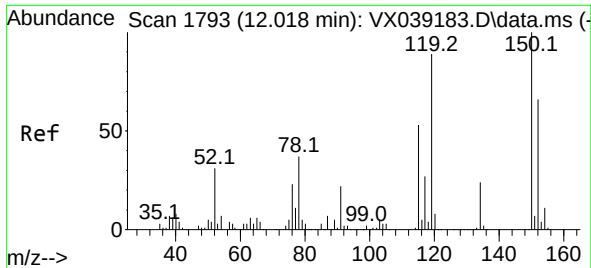
Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

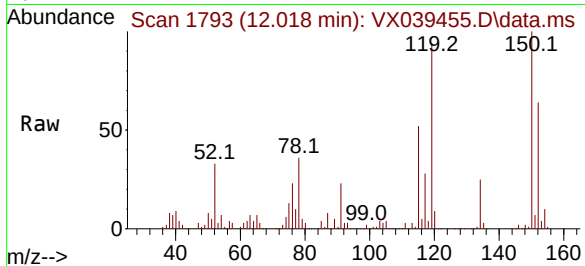
Tgt Ion:173	Resp:	49558	
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.1	72.4
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

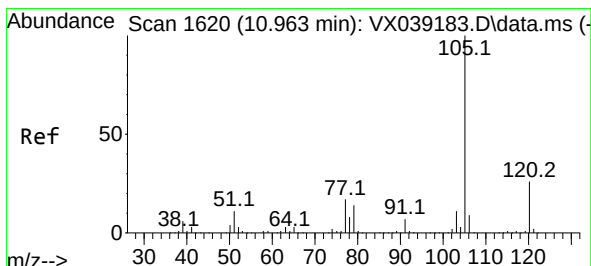
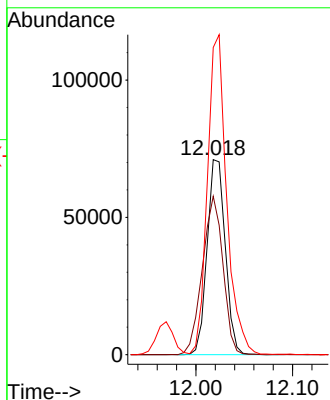
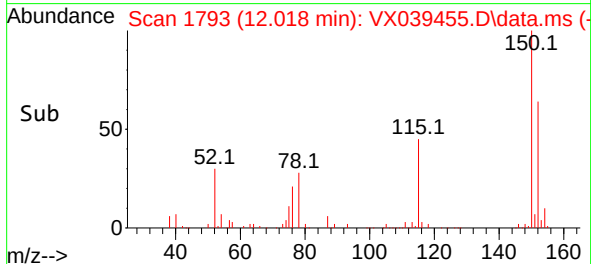
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



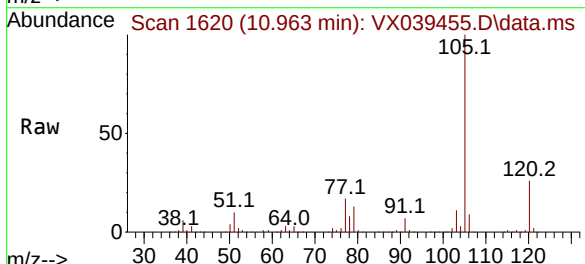
Tgt Ion:152 Resp: 9288
Ion Ratio Lower Upper
152 100
115 92.0 43.3 129.9
150 173.4 0.0 345.0

Manual Integrations
APPROVED

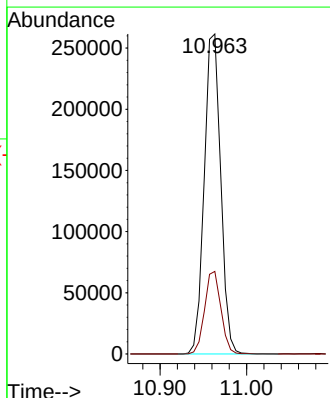
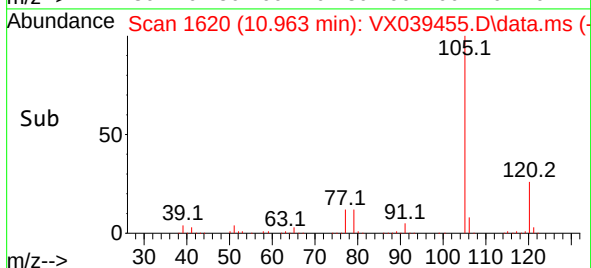
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

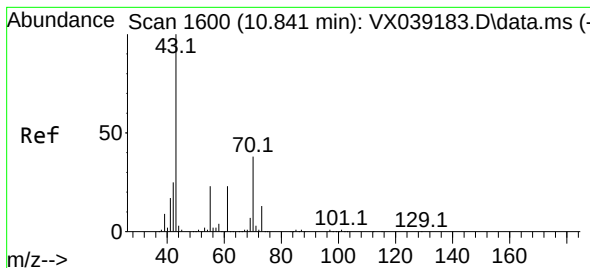


#73
Isopropylbenzene
Concen: 48.172 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



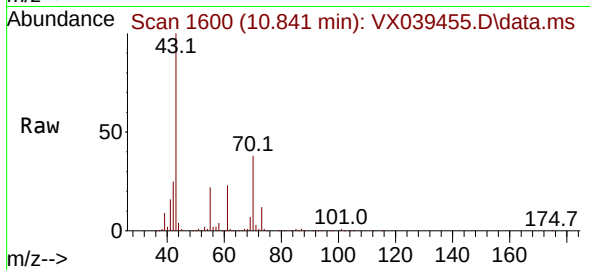
Tgt Ion:105 Resp: 345233
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6





#74
N-ethyl acetate
Concen: 45.878 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

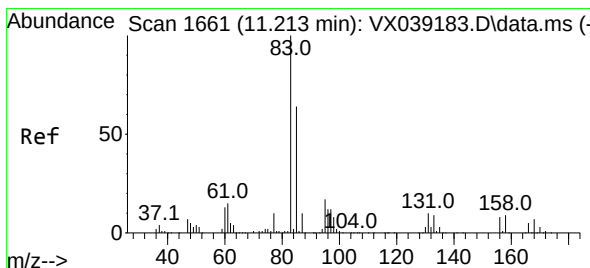
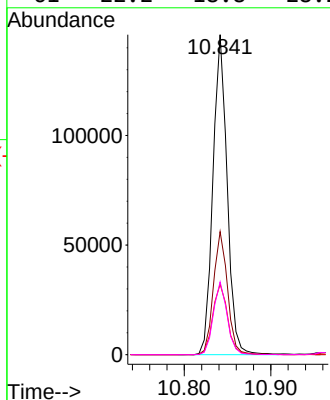
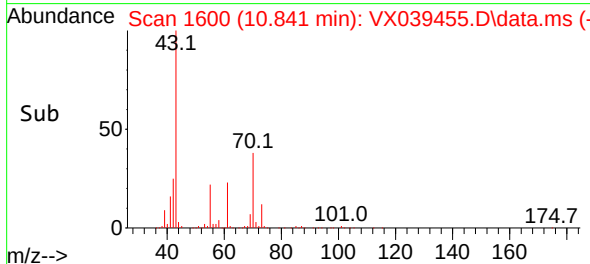
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



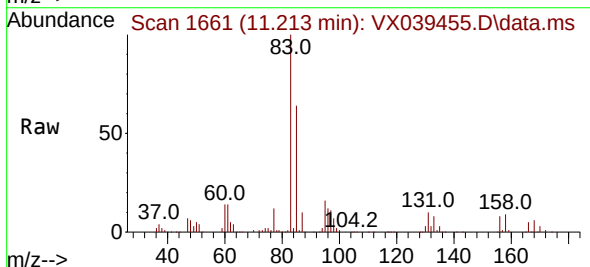
Tgt Ion: 43 Resp: 16635
Ion Ratio Lower Upper
43 100
70 38.2 32.9 49.3
55 23.0 19.3 28.9
61 22.2 18.8 28.2

Manual Integrations
APPROVED

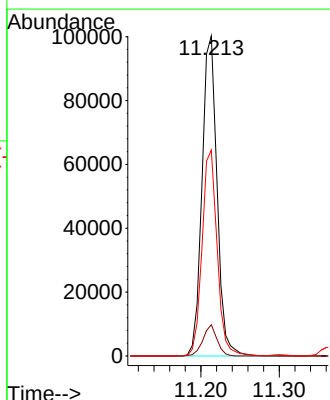
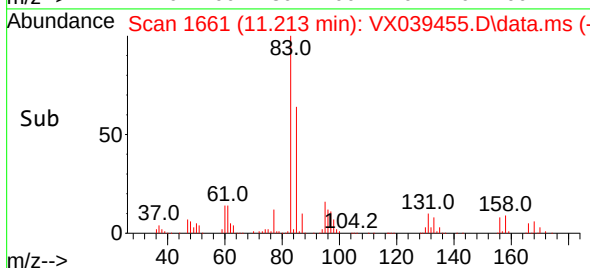
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

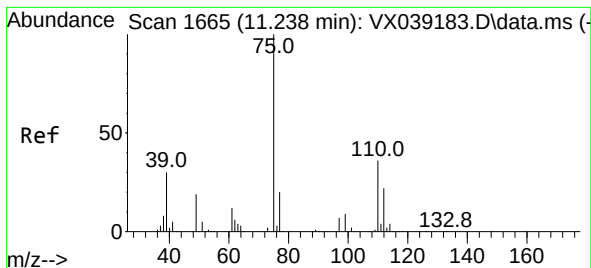


#75
1,1,2,2-Tetrachloroethane
Concen: 49.962 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



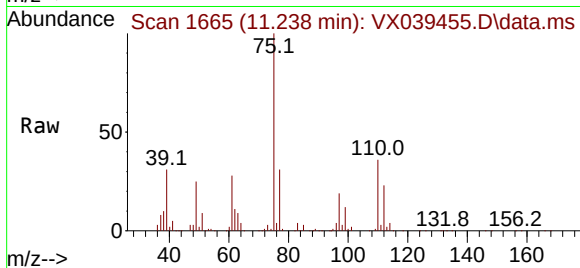
Tgt Ion: 83 Resp: 133199
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.6 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 46.411 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

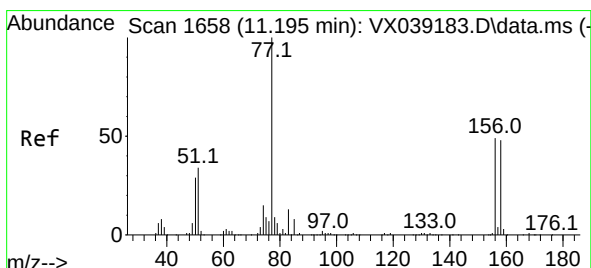
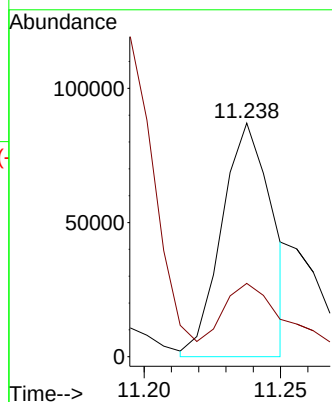
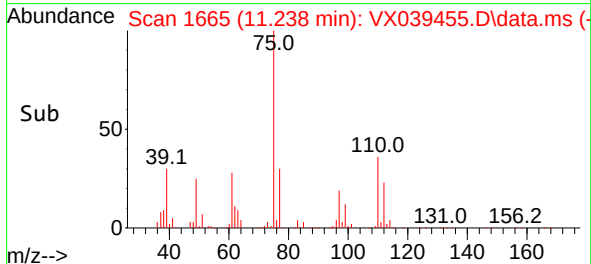
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



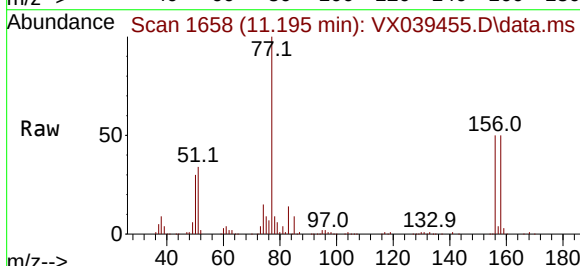
Tgt Ion: 75 Resp: 11153
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5

Manual Integrations
APPROVED

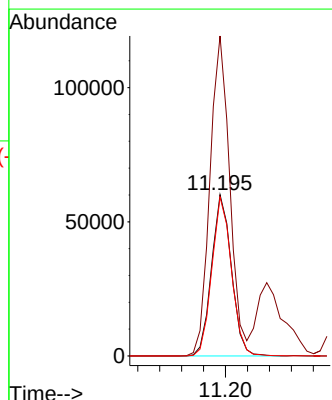
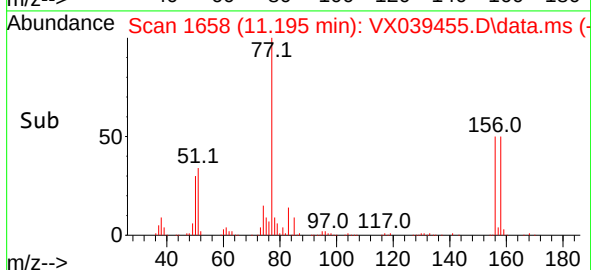
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

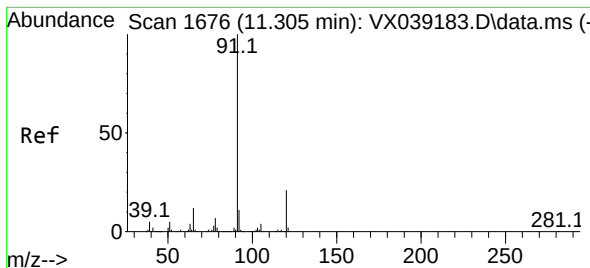


#77
Bromobenzene
Concen: 47.741 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



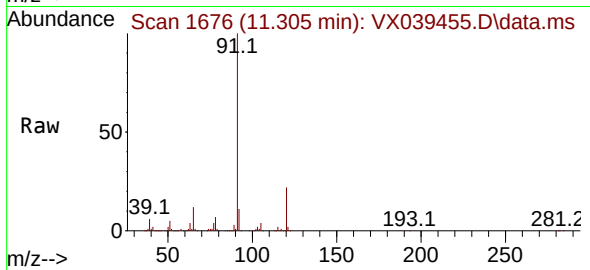
Tgt Ion:156 Resp: 75659
Ion Ratio Lower Upper
156 100
77 197.7 88.4 265.3
158 97.5 48.0 144.0





#78
n-propylbenzene
Concen: 48.091 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

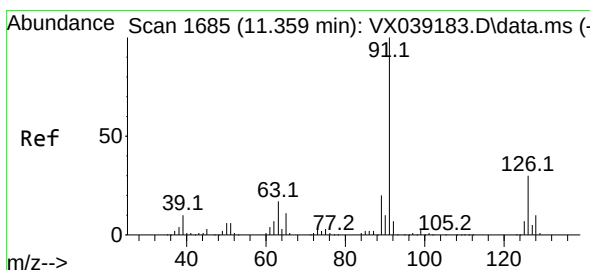
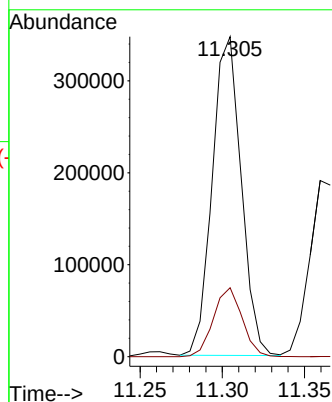
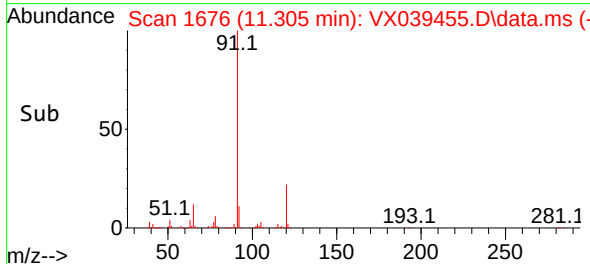
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



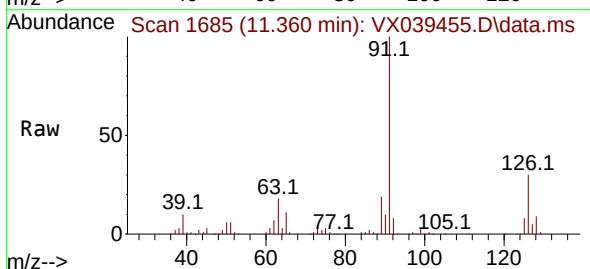
Tgt Ion: 91 Resp: 424630
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

Manual Integrations
APPROVED

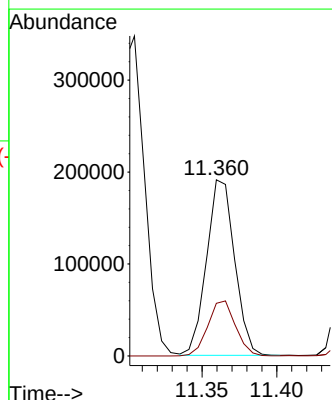
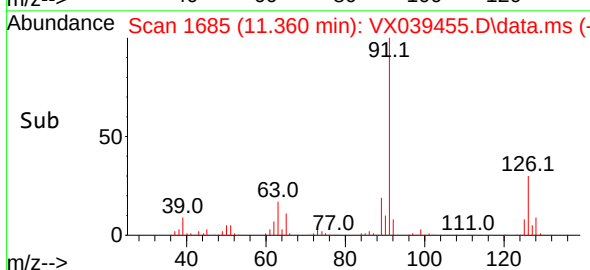
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

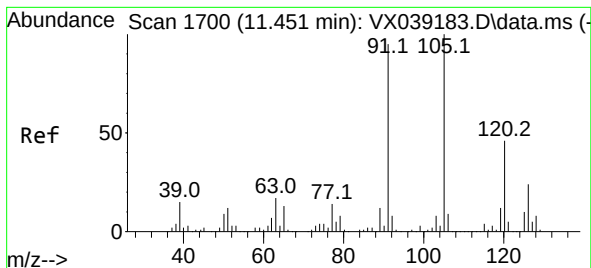


#79
2-Chlorotoluene
Concen: 46.745 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



Tgt Ion: 91 Resp: 249667
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 48.509 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

Instrument :

MSVOA_X

ClientSampleId :

COLTOMS

Tgt Ion:105 Resp: 296159

Ion Ratio Lower Upper

105 100

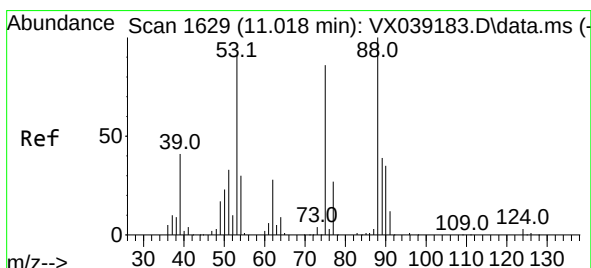
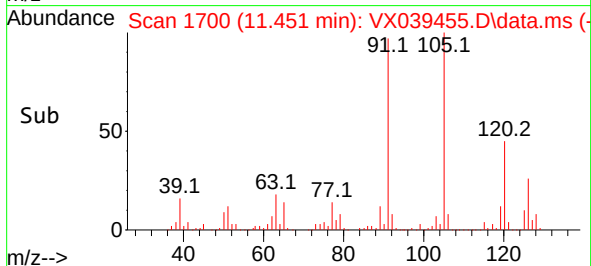
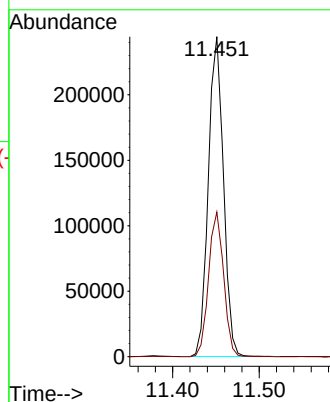
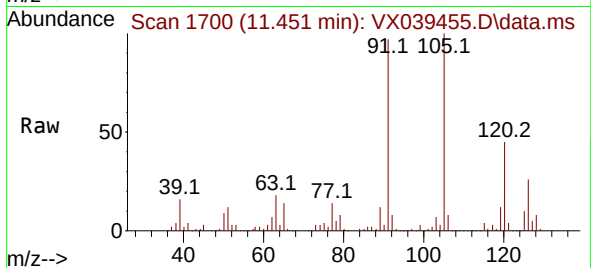
120 45.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 43.221 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX039455.D

Acq: 22 Dec 2023 21:01

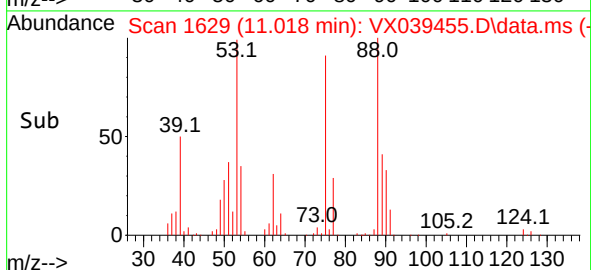
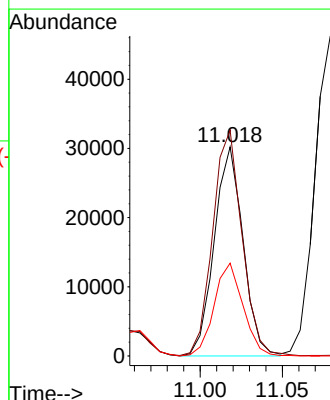
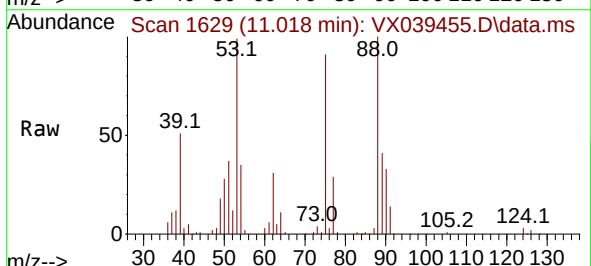
Tgt Ion: 75 Resp: 36819

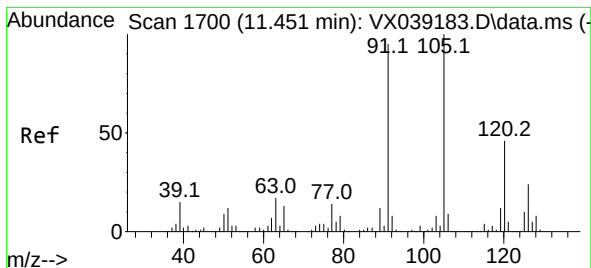
Ion Ratio Lower Upper

75 100

53 110.2 90.5 135.7

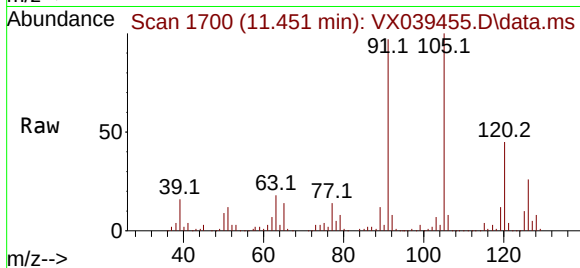
89 44.6 36.9 55.3





#82
4-Chlorotoluene
Concen: 47.362 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

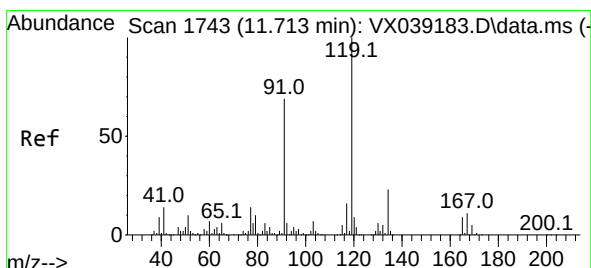
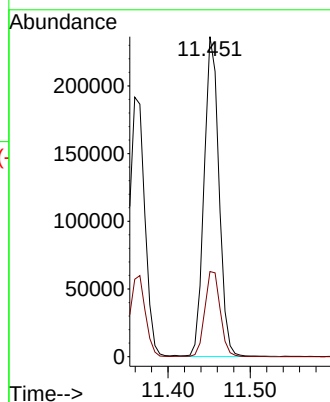
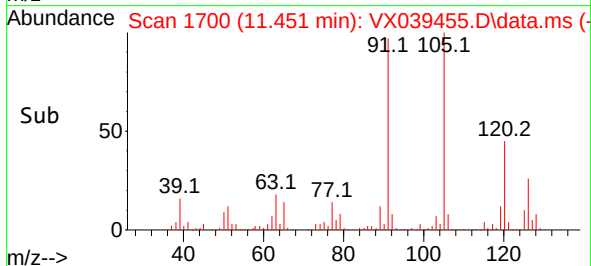
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



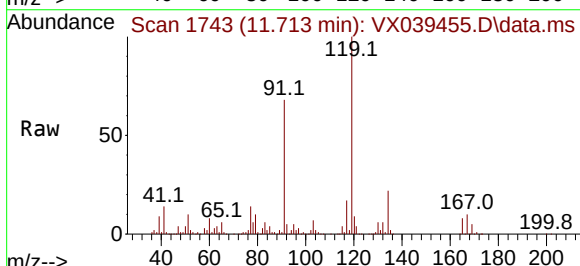
Tgt Ion: 91 Resp: 297115
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6

Manual Integrations
APPROVED

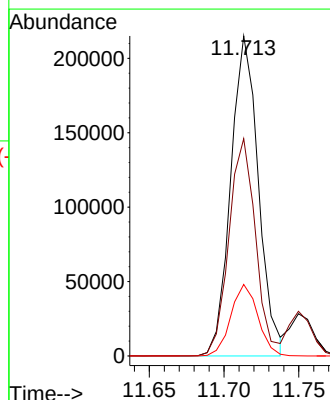
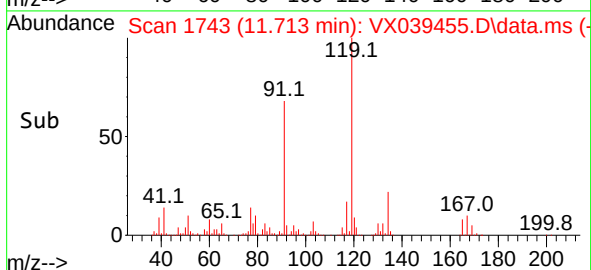
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

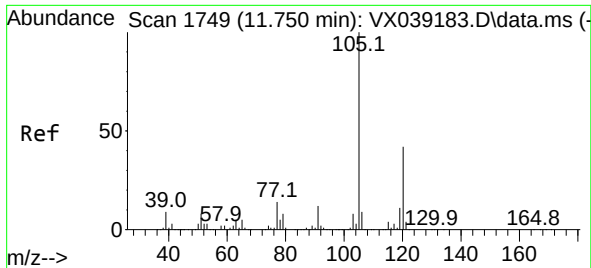


#83
tert-Butylbenzene
Concen: 47.605 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



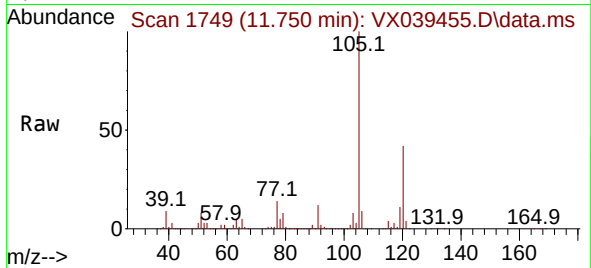
Tgt Ion:119 Resp: 276599
Ion Ratio Lower Upper
119 100
91 65.8 31.2 93.6
134 21.9 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 48.008 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

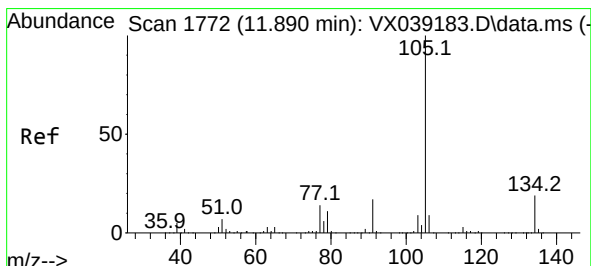
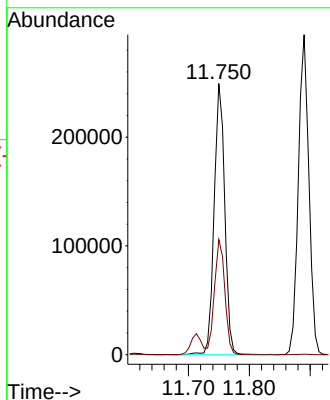
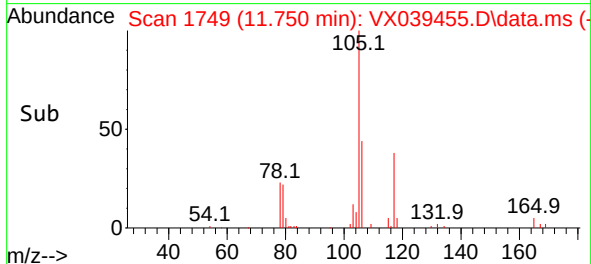
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



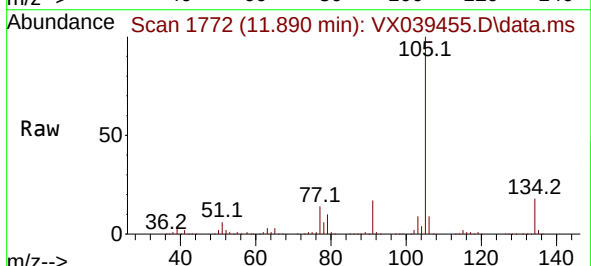
Tgt Ion:105 Resp: 300572
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6

Manual Integrations
APPROVED

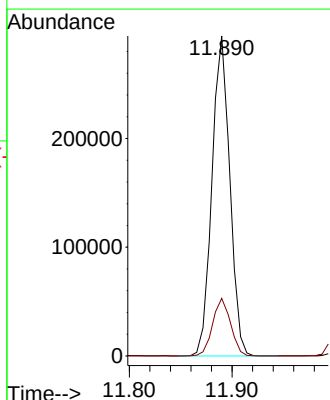
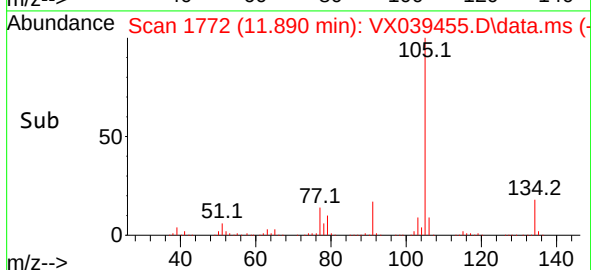
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

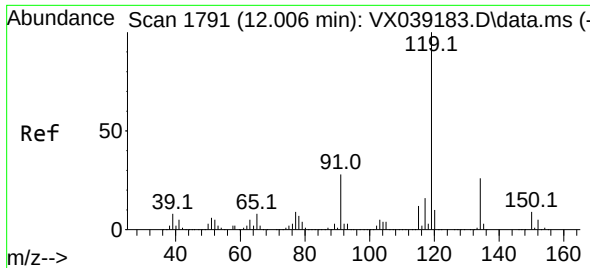


#85
sec-Butylbenzene
Concen: 47.817 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



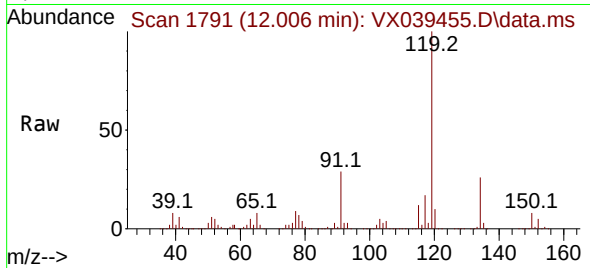
Tgt Ion:105 Resp: 353540
Ion Ratio Lower Upper
105 100
134 18.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 47.632 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

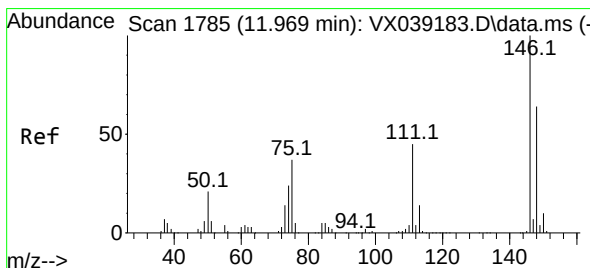
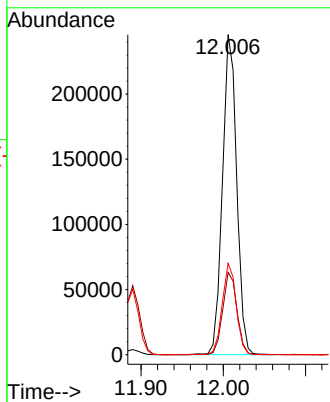
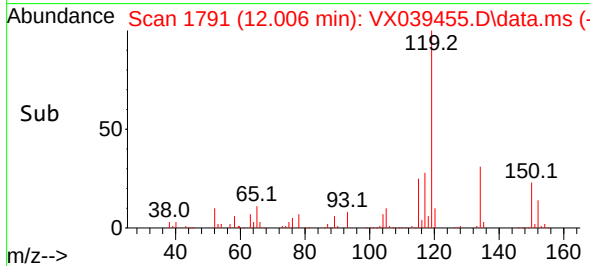
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:119 Resp: 295554
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 27.9 13.1 39.3

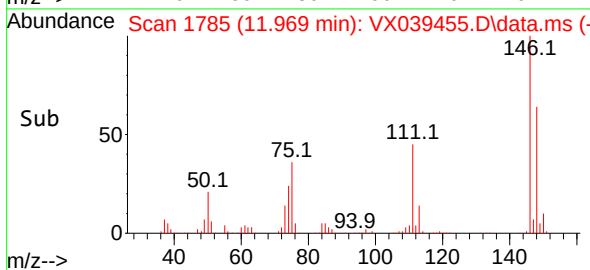
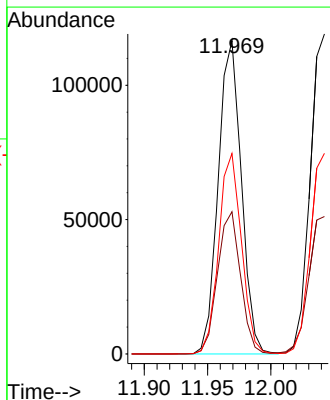
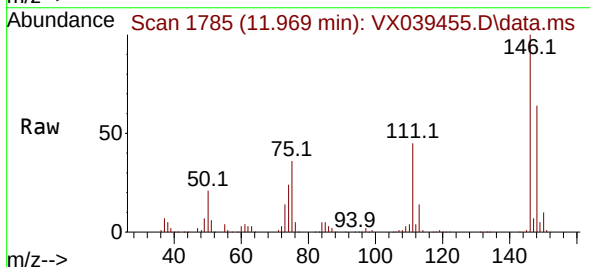
Manual Integrations
APPROVED

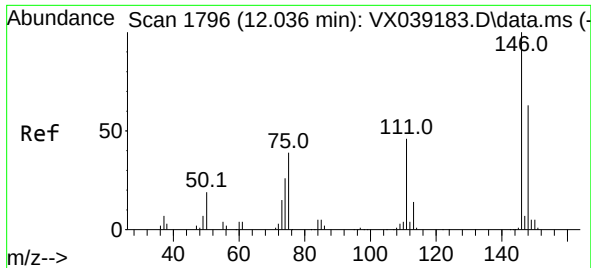
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#87
1,3-Dichlorobenzene
Concen: 47.630 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

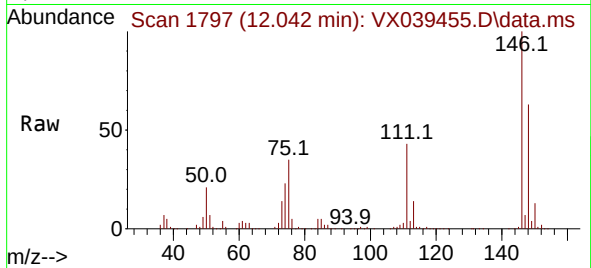
Tgt Ion:146 Resp: 148293
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.1
148 63.0 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 46.610 ug/l
RT: 12.042 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

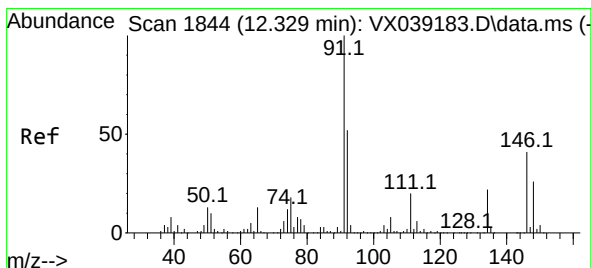
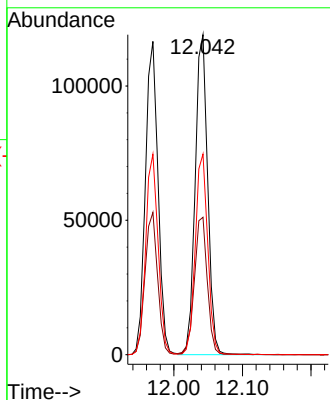
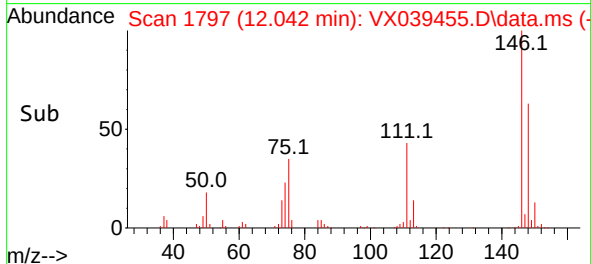
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



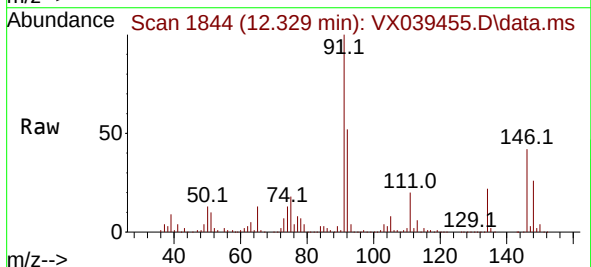
Tgt Ion:146 Resp: 151099
Ion Ratio Lower Upper
146 100
111 44.7 21.3 63.7
148 62.9 31.8 95.4

Manual Integrations
APPROVED

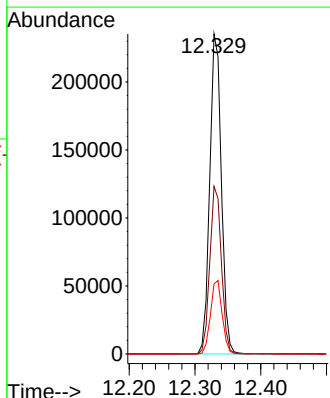
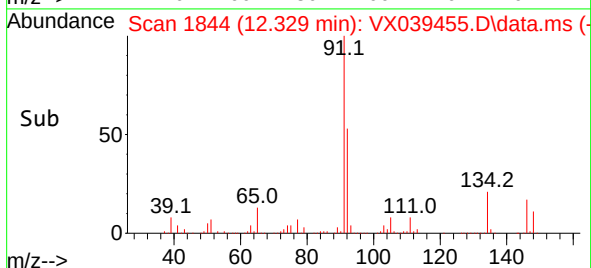
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

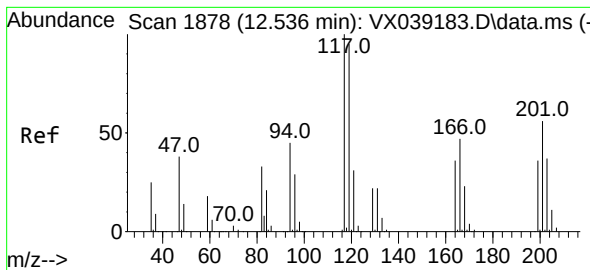


#89
n-Butylbenzene
Concen: 47.426 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01



Tgt Ion: 91 Resp: 289285
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 23.1 12.6 37.8





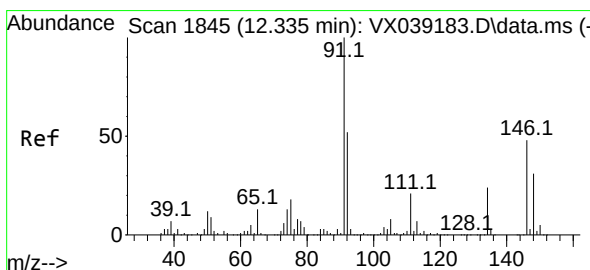
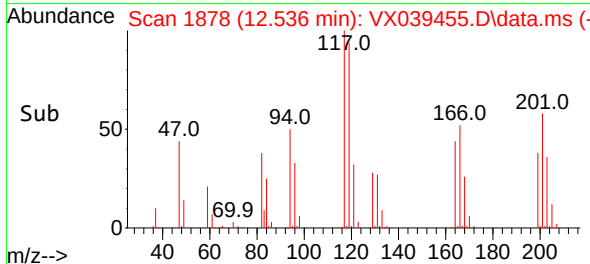
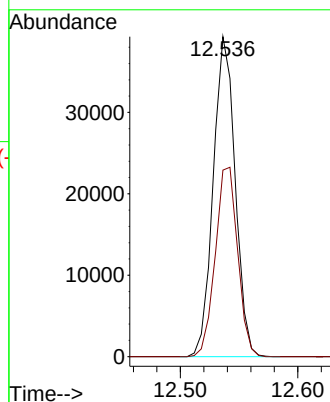
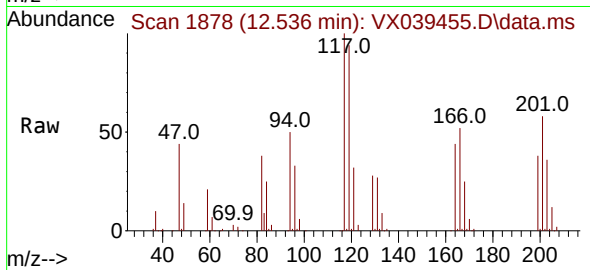
#90
Hexachloroethane
Concen: 45.504 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

Instrument :
MSVOA_X
ClientSampleId :
COLTOMS

Tgt Ion:117 Resp: 5100
Ion Ratio Lower Upper
117 100
201 60.5 32.9 98.6

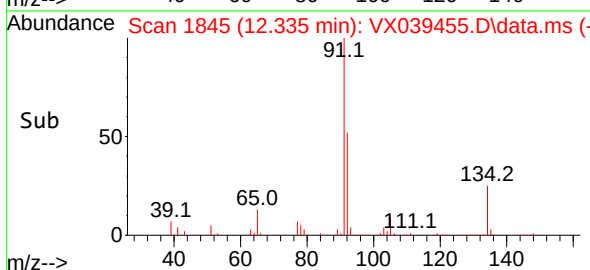
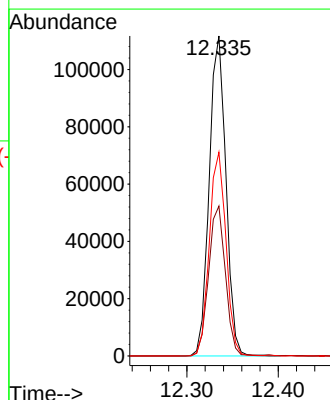
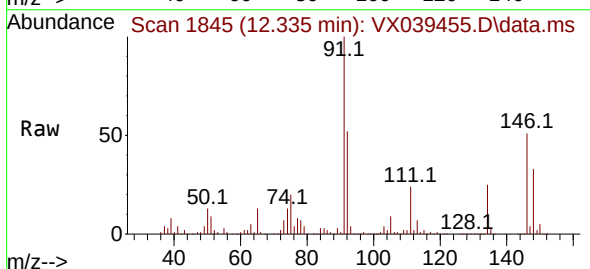
Manual Integrations
APPROVED

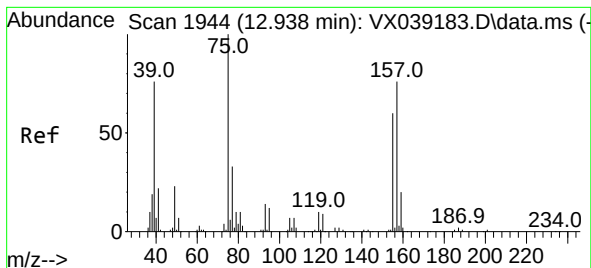
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#91
1,2-Dichlorobenzene
Concen: 47.440 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

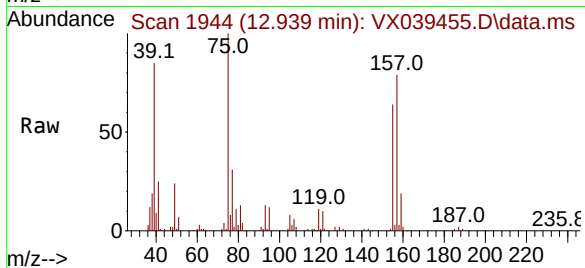
Tgt Ion:146 Resp: 141323
Ion Ratio Lower Upper
146 100
111 47.2 22.4 67.0
148 63.7 31.6 95.0





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.571 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

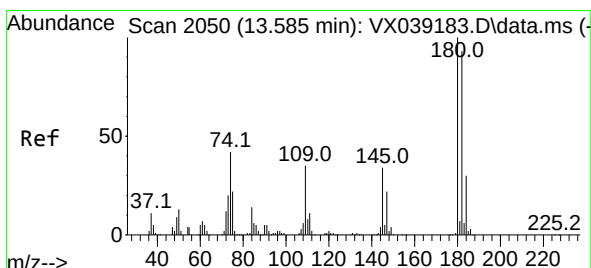
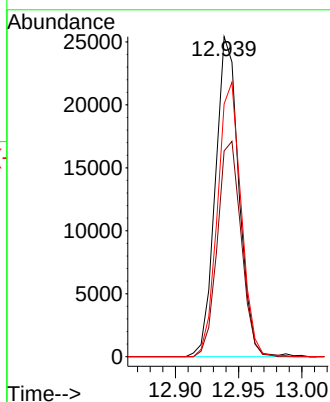
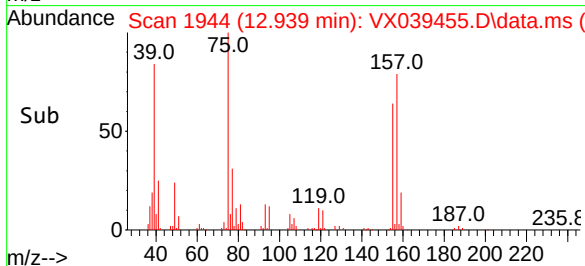
Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMS



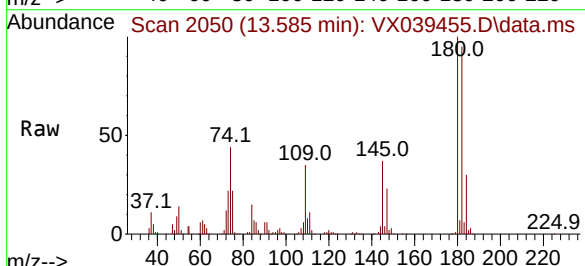
Tgt Ion: 75 Resp: 3270
 Ion Ratio Lower Upper
 75 100
 155 68.3 36.1 108.5
 157 86.3 44.9 134.7

Manual Integrations
 APPROVED

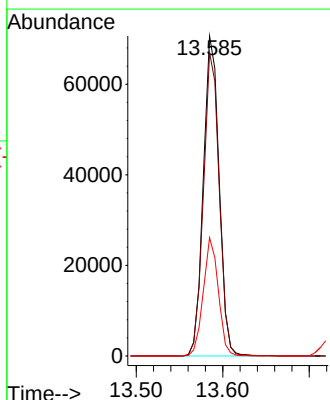
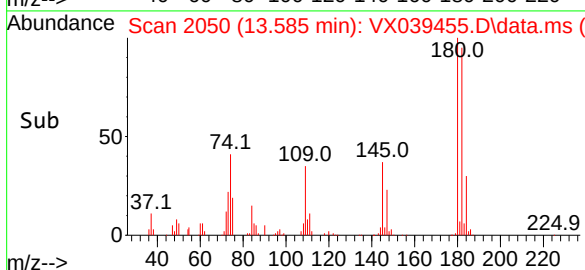
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

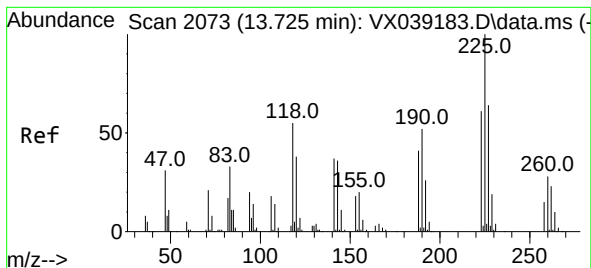


#93
 1,2,4-Trichlorobenzene
 Concen: 45.908 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01



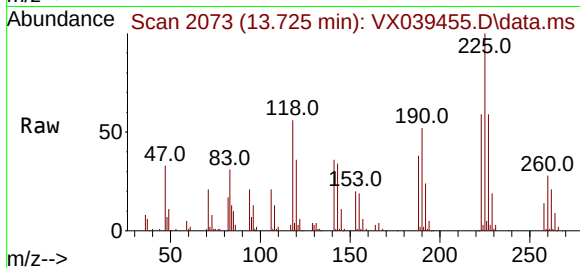
Tgt Ion:180 Resp: 89552
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.3 144.8
 145 35.1 18.0 54.0





#94
Hexachlorobutadiene
Concen: 41.598 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

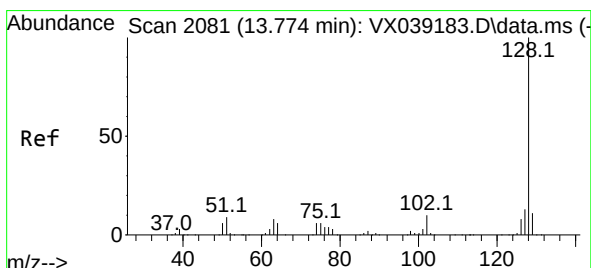
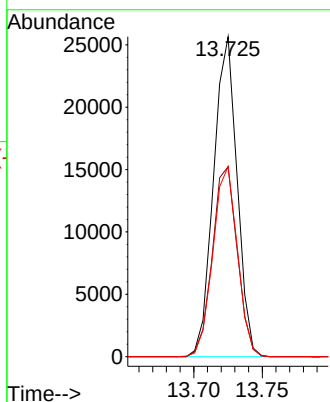
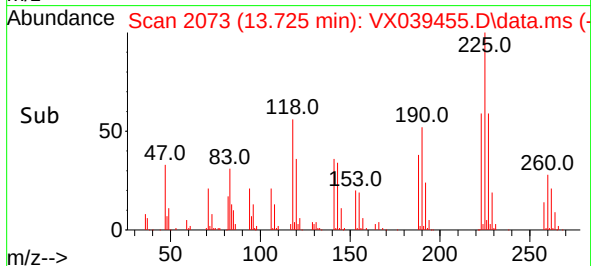
Instrument :
MSVOA_X
ClientSampleId :
COLTOMS



Tgt Ion:225 Resp: 30579
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 61.9 32.5 97.5

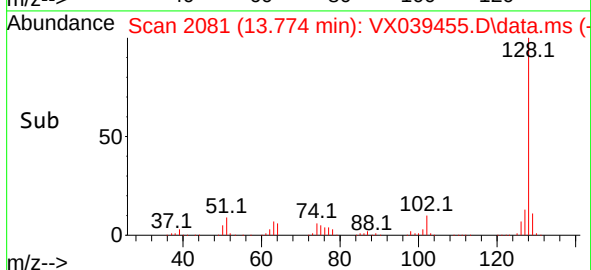
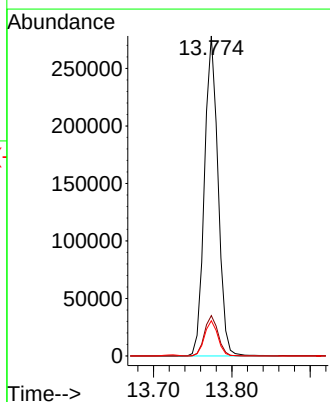
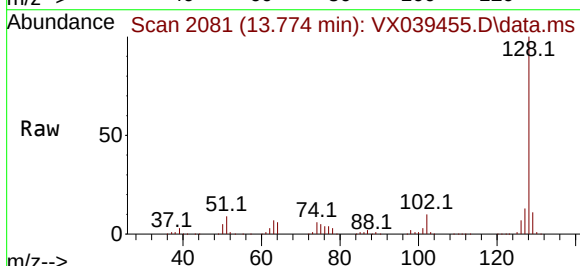
Manual Integrations
APPROVED

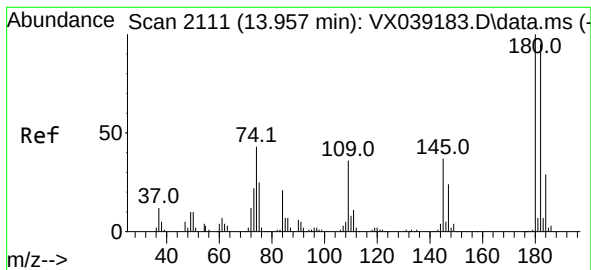
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#95
Naphthalene
Concen: 49.229 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039455.D
Acq: 22 Dec 2023 21:01

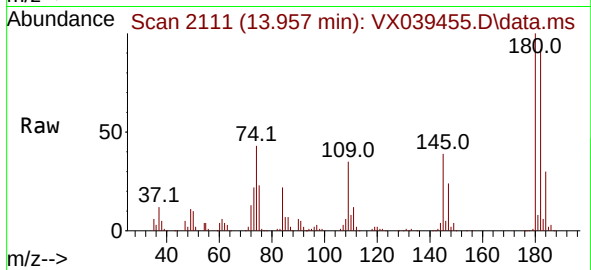
Tgt Ion:128 Resp: 334424
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 45.987 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039455.D
 Acq: 22 Dec 2023 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMS



Tgt Ion:180 Resp: 86598
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.6
 145 37.6 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

