

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038215.D
 Acq On : 11 Oct 2023 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 02:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137843	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	227636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105430	47.553	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.100%			
35) Dibromofluoromethane	5.385	113	83541	50.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.647	98	316681	50.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	123407	51.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68266	51.307	ug/l	99
3) Chloromethane	1.295	50	64396	47.486	ug/l	99
4) Vinyl Chloride	1.374	62	73230	48.704	ug/l	95
5) Bromomethane	1.599	94	109739	55.668	ug/l	98
6) Chloroethane	1.679	64	58157	52.627	ug/l	97
7) Trichlorofluoromethane	1.886	101	148616	50.041	ug/l	100
8) Diethyl Ether	2.130	74	53949	48.707	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	68409	52.764	ug/l	98
10) Methyl Iodide	2.453	142	89122	47.775	ug/l	94
11) Tert butyl alcohol	2.953	59	110380	224.397	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	63458	50.317	ug/l	89
13) Acrolein	2.233	56	86872	275.621	ug/l	99
14) Allyl chloride	2.660	41	108121	47.931	ug/l	93
15) Acrylonitrile	3.056	53	243359	241.197	ug/l	99
16) Acetone	2.374	43	277727	300.144	ug/l	93
17) Carbon Disulfide	2.508	76	162947	44.829	ug/l	99
18) Methyl Acetate	2.697	43	195955	49.383	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	243029	48.385	ug/l	99
20) Methylene Chloride	2.788	84	79632	45.752	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	73575	47.118	ug/l	93
22) Diisopropyl ether	3.758	45	233765	49.445	ug/l	90
23) Vinyl Acetate	3.715	43	869596	250.816	ug/l	97
24) 1,1-Dichloroethane	3.605	63	139473	48.611	ug/l	99
25) 2-Butanone	4.544	43	375281	251.366	ug/l	93
26) 2,2-Dichloropropane	4.471	77	114632	51.173	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	91149	49.013	ug/l	92
28) Bromochloromethane	4.891	49	66335	51.215	ug/l	89
29) Tetrahydrofuran	4.995	42	227735	234.292	ug/l	88
30) Chloroform	5.087	83	158059	50.377	ug/l	98
31) Cyclohexane	5.471	56	116794	48.622	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	135107	50.275	ug/l	100
36) 1,1-Dichloropropene	5.690	75	110654	48.921	ug/l	98
37) Ethyl Acetate	4.709	43	133256	49.606	ug/l	98
38) Carbon Tetrachloride	5.672	117	116536	52.373	ug/l	99
39) Methylcyclohexane	7.379	83	136137	51.384	ug/l	93
40) Benzene	6.032	78	321471	50.814	ug/l	99

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 Supervised By : Mahesh Dadoda 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	68547	51.294	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	128573	50.867	ug/l	99
43) Isopropyl Acetate	6.336	43	205752	51.307	ug/l	97
44) Trichloroethene	7.123	130	86594	52.333	ug/l	98
45) 1,2-Dichloropropane	7.428	63	84483	51.596	ug/l	100
46) Dibromomethane	7.580	93	64842	51.059	ug/l	97
47) Bromodichloromethane	7.818	83	124110	54.936	ug/l	97
48) Methyl methacrylate	7.690	41	100388	52.438	ug/l	87
49) 1,4-Dioxane	7.653	88	46529	986.302	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	720782	260.579	ug/l	97
52) Toluene	8.714	92	215251	52.232	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	133830	55.188	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	137868	54.113	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	92390	52.414	ug/l	95
56) Ethyl methacrylate	9.116	69	141151	52.228	ug/l	93
57) 1,3-Dichloropropane	9.305	76	148115	51.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	332052	250.304	ug/l	100
59) 2-Hexanone	9.427	43	606314	272.658	ug/l	95
60) Dibromochloromethane	9.519	129	98538	57.118	ug/l	100
61) 1,2-Dibromoethane	9.610	107	101931	53.474	ug/l	99
64) Tetrachloroethene	9.269	164	74491	50.552	ug/l	98
65) Chlorobenzene	10.080	112	239158	50.211	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	87847	54.542	ug/l	98
67) Ethyl Benzene	10.195	91	436561	51.348	ug/l	100
68) m/p-Xylenes	10.299	106	333648	101.492	ug/l	99
69) o-Xylene	10.640	106	161867	50.450	ug/l	99
70) Styrene	10.653	104	276983	53.010	ug/l	98
71) Bromoform	10.799	173	75039	50.209	ug/l #	99
73) Isopropylbenzene	10.964	105	441385	49.554	ug/l	100
74) N-amyl acetate	10.842	43	193693	50.923	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	166003	50.790	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	155068m	51.357	ug/l	
77) Bromobenzene	11.195	156	106225	48.848	ug/l	93
78) n-propylbenzene	11.305	91	543200	49.876	ug/l	99
79) 2-Chlorotoluene	11.360	91	310556	48.081	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	388124	50.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48622	47.261	ug/l	92
82) 4-Chlorotoluene	11.451	91	379260	49.621	ug/l	97
83) tert-Butylbenzene	11.713	119	378598	50.421	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	392213	51.190	ug/l	99
85) sec-Butylbenzene	11.890	105	500559	51.462	ug/l	100
86) p-Isopropyltoluene	12.006	119	419501	52.274	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	214942	49.211	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	218605	49.024	ug/l	98
89) n-Butylbenzene	12.329	91	416074	52.060	ug/l	96
90) Hexachloroethane	12.536	117	72385	54.402	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	210200	50.066	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40202	50.874	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	136585	48.504	ug/l	98
94) Hexachlorobutadiene	13.725	225	59794	52.757	ug/l	98
95) Naphthalene	13.774	128	465262	47.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132514	48.601	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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

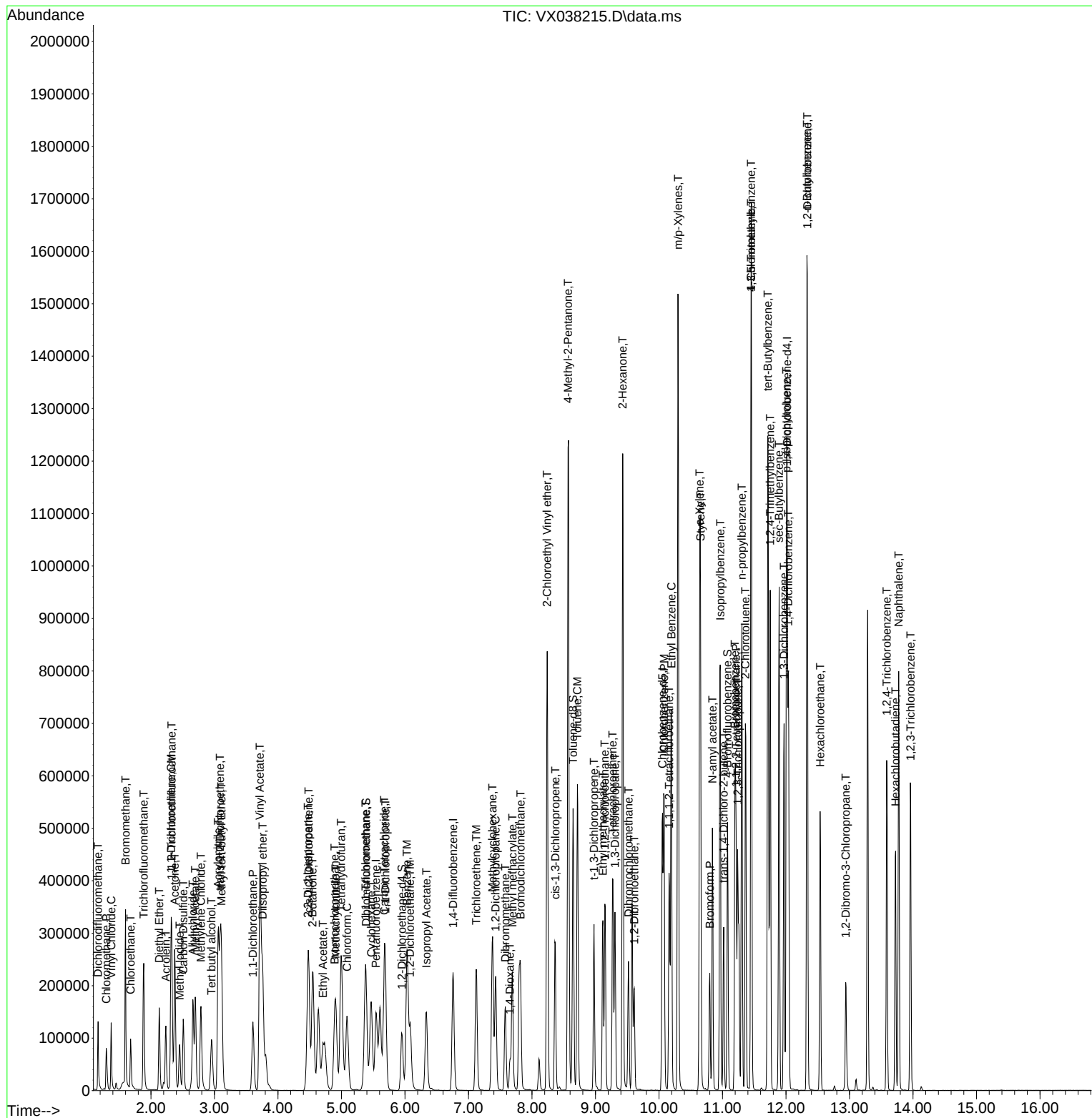
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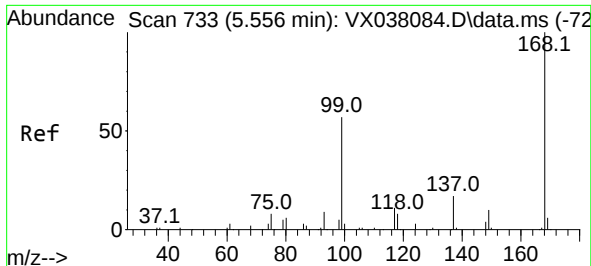
Instrument :
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Manual Integrations APPROVED

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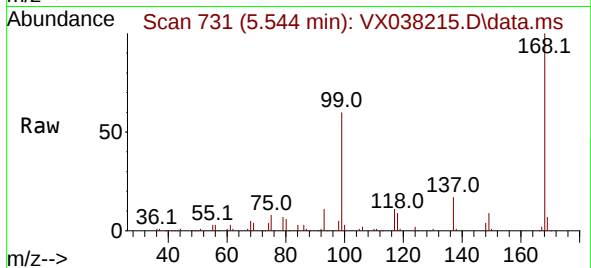
Quant Time: Oct 12 02:38:11 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

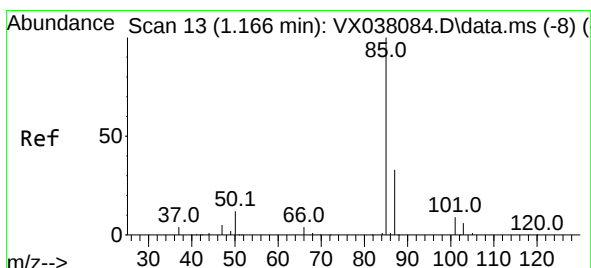
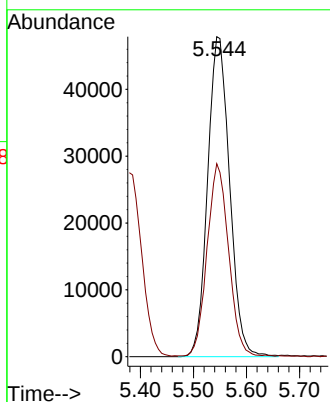
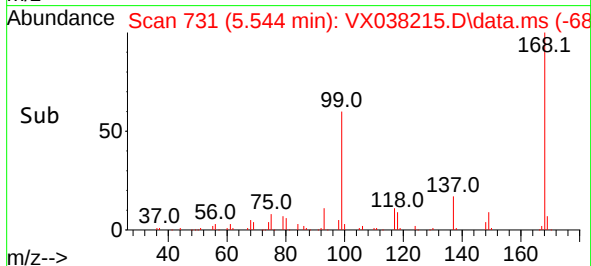
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13784
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0

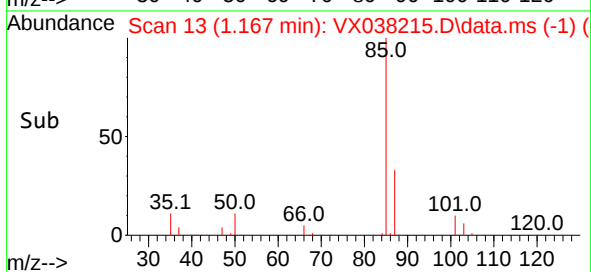
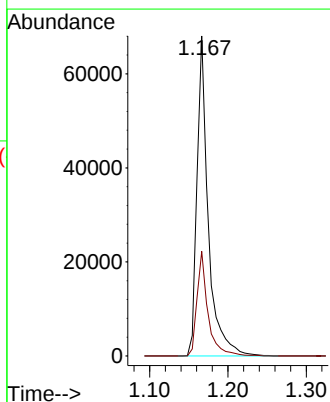
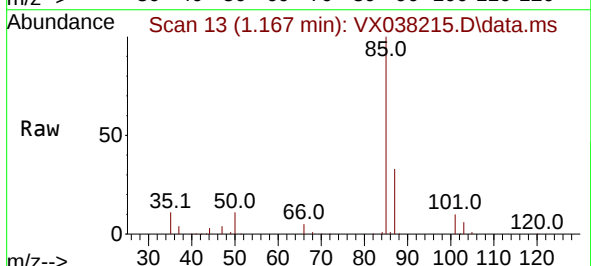
Manual Integrations
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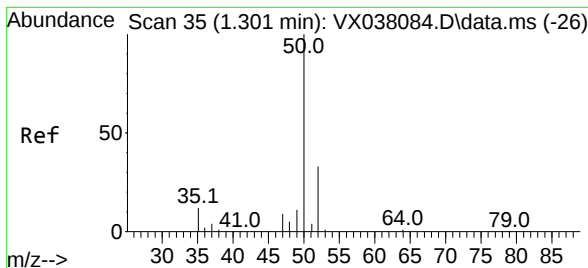
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 51.307 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 85 Resp: 68266
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3

Chloromethane

Concen: 47.486 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 64390

Ion Ratio Lower Upper

50 100

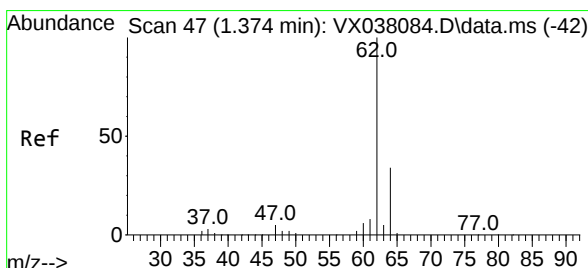
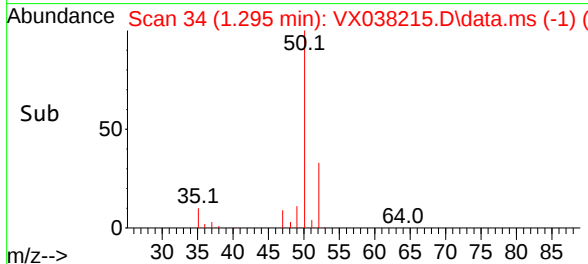
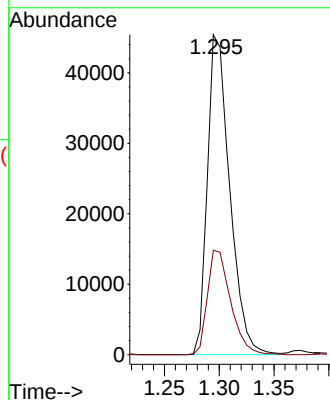
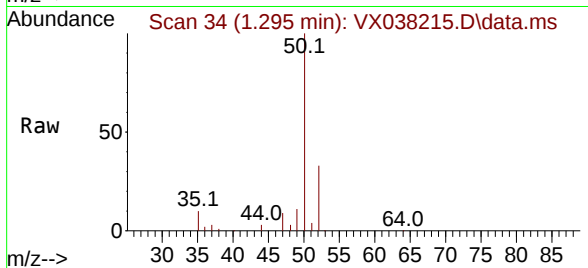
52 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#4

Vinyl Chloride

Concen: 48.704 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038215.D

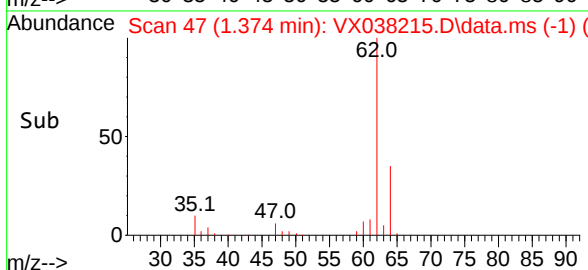
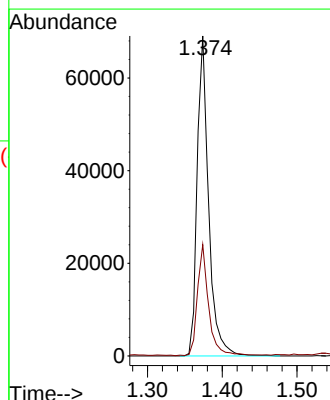
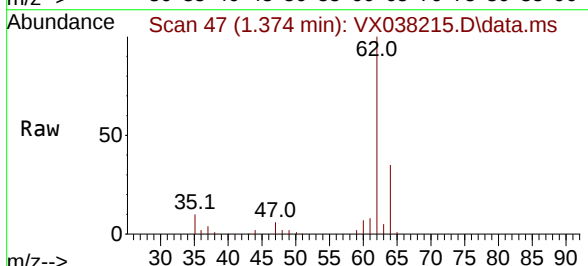
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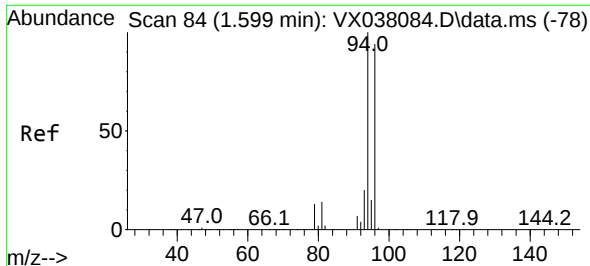
Tgt Ion: 62 Resp: 73230

Ion Ratio Lower Upper

62 100

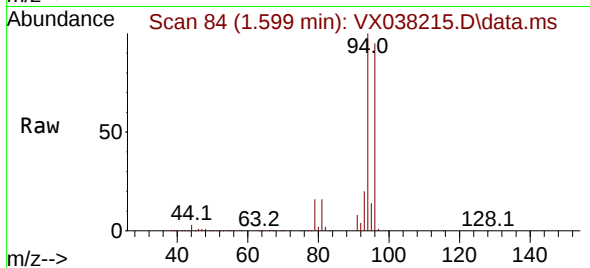
64 34.5 25.4 38.0





#5
Bromomethane
Concen: 55.668 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

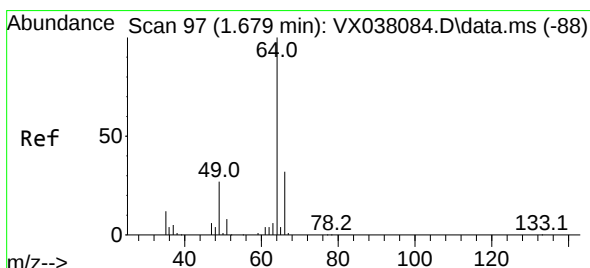
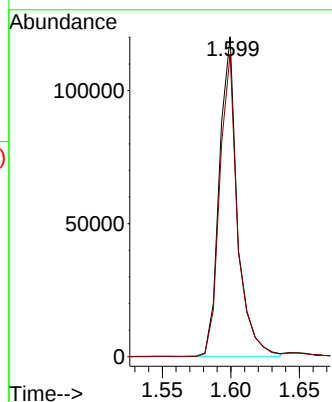
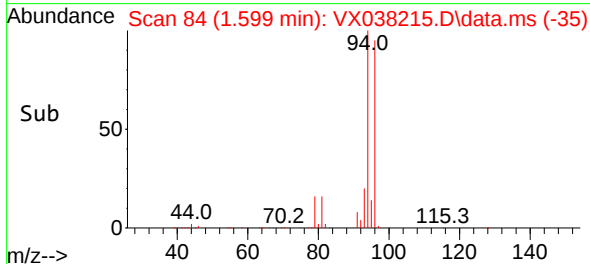
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 109739
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

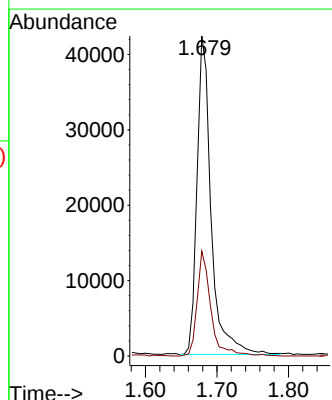
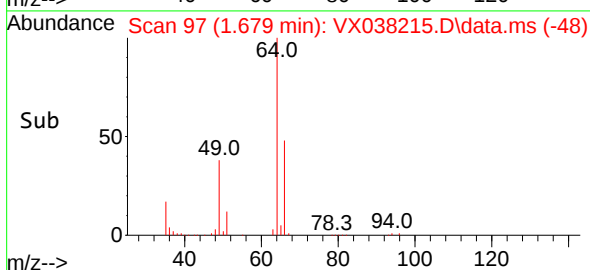
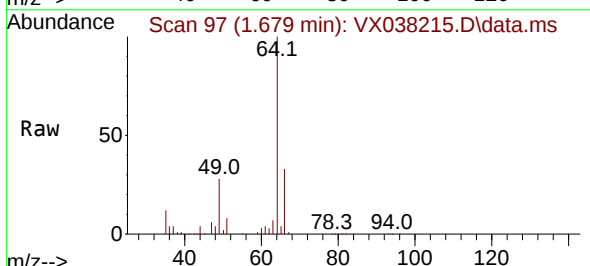
Manual Integrations
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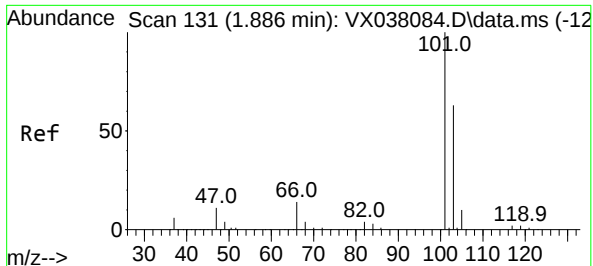
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#6
Chloroethane
Concen: 52.627 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 64 Resp: 58157
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





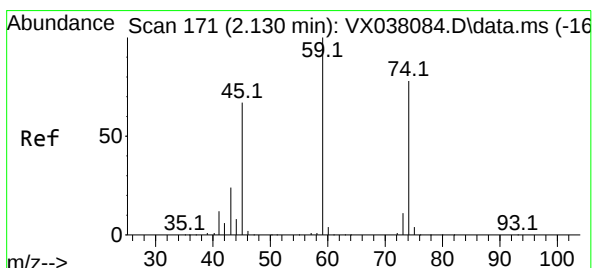
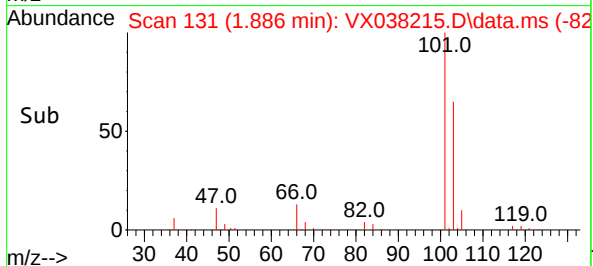
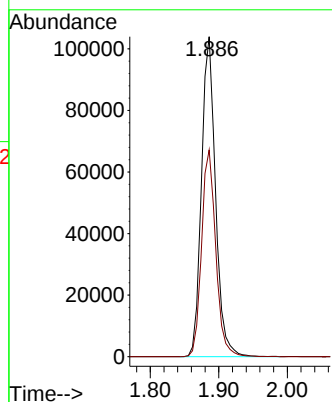
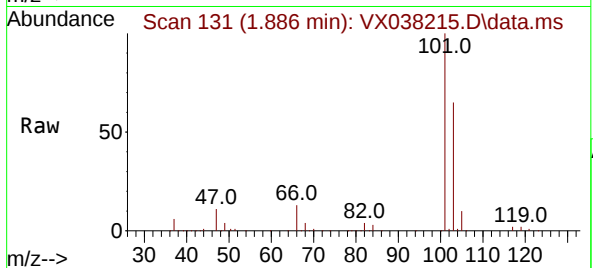
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Trichlorofluoromethane
Concen: 50.041 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 148610
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

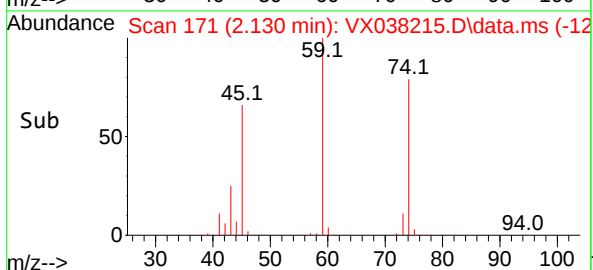
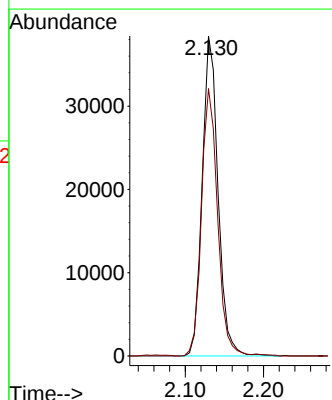
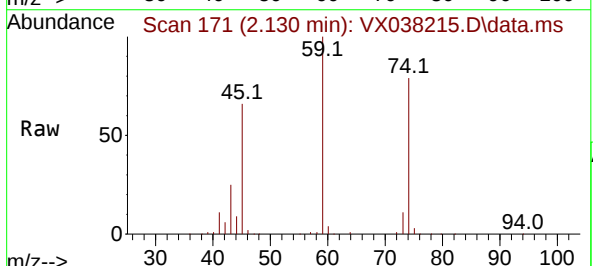
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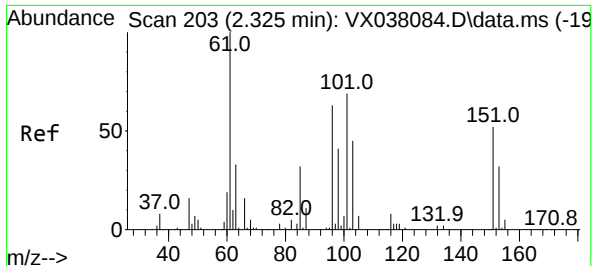
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#8
Diethyl Ether
Concen: 48.707 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 74 Resp: 53949
Ion Ratio Lower Upper
74 100
45 84.6 53.3 159.8





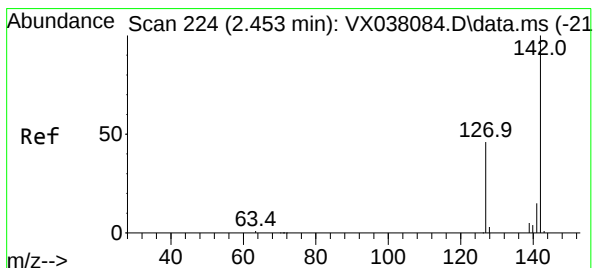
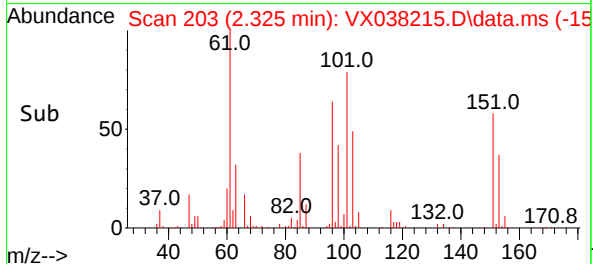
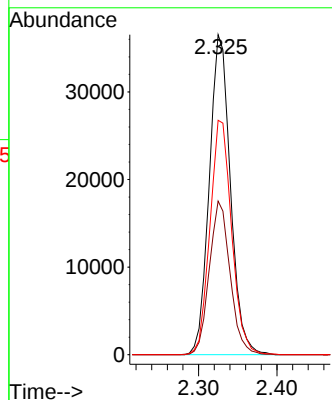
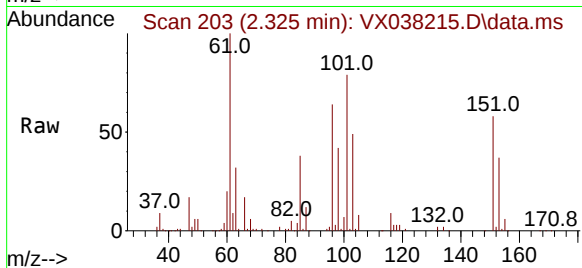
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.764 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68409
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 75.3 58.6 87.8

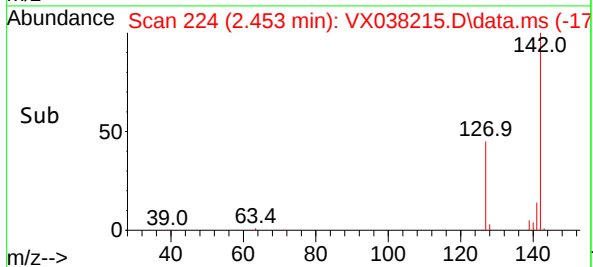
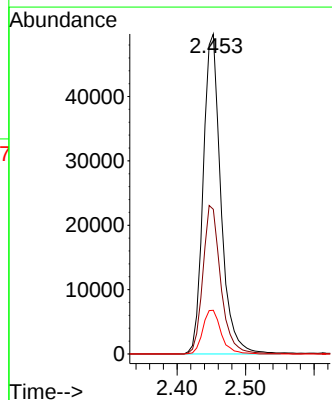
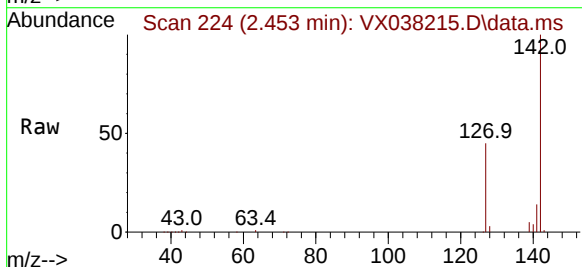
Manual Integrations
APPROVED

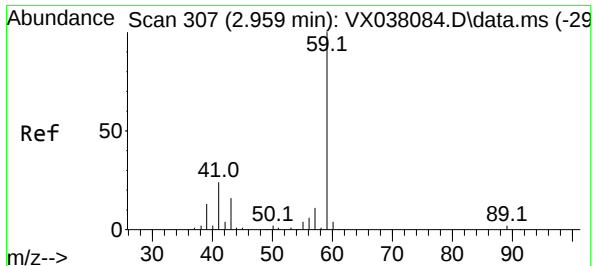
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 47.775 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:142 Resp: 89122
Ion Ratio Lower Upper
142 100
127 47.1 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 224.397 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 110380

Ion Ratio Lower Upper

59 100

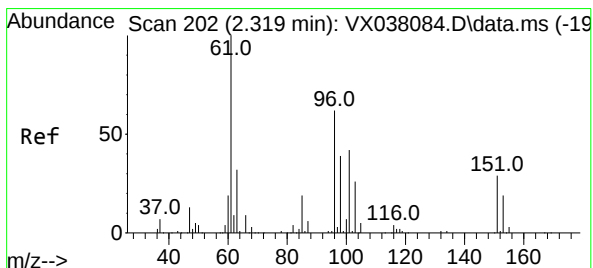
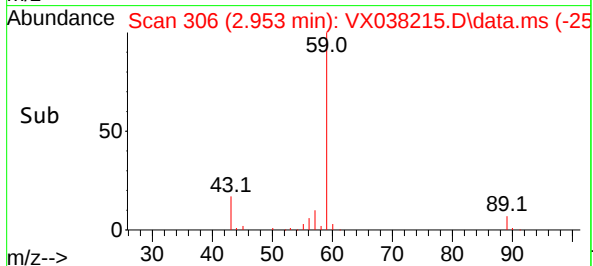
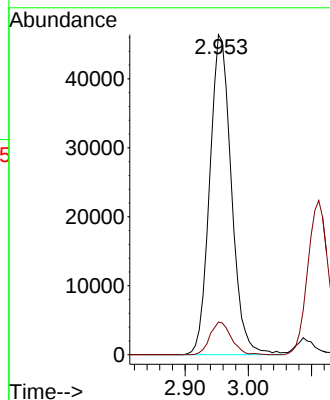
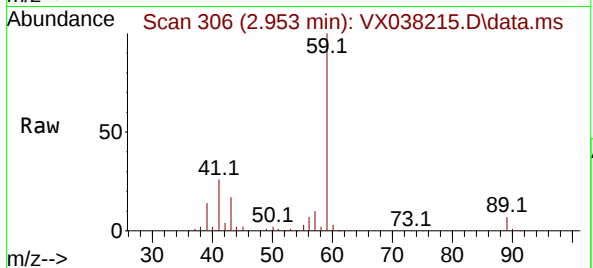
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#12

1,1-Dichloroethene

Concen: 50.317 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

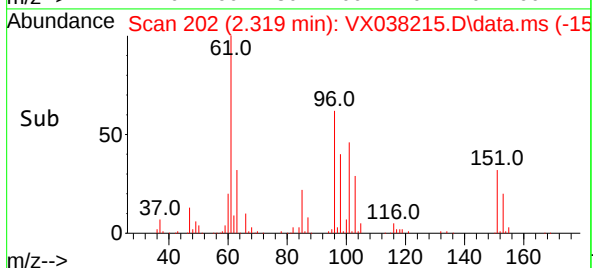
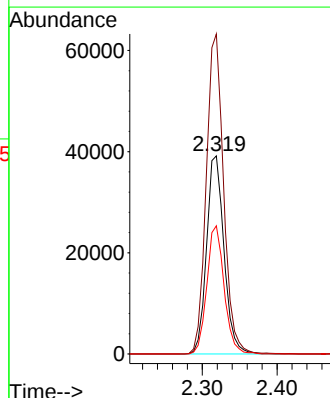
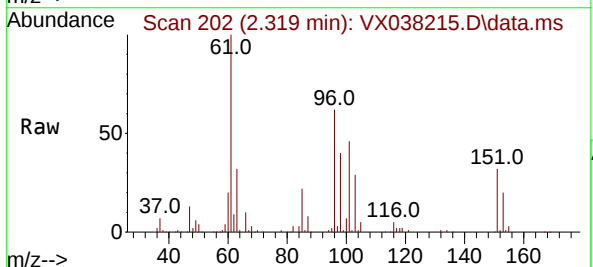
Tgt Ion: 96 Resp: 63458

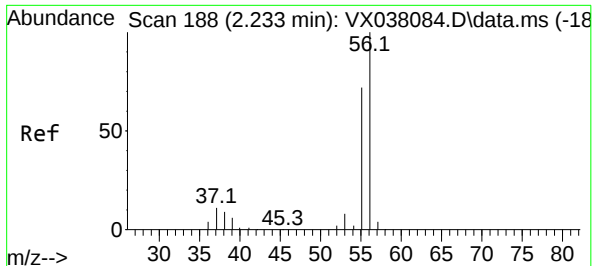
Ion Ratio Lower Upper

96 100

61 161.5 144.6 216.8

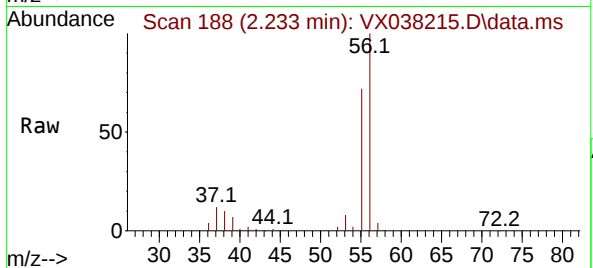
98 64.7 50.4 75.6





#13
Acrolein
Concen: 275.621 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

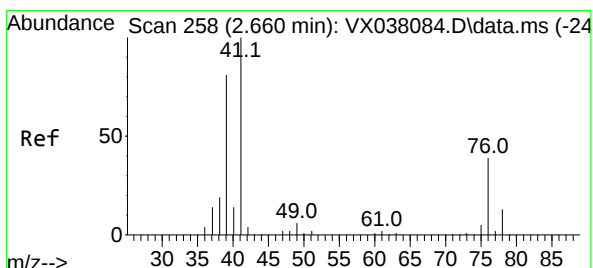
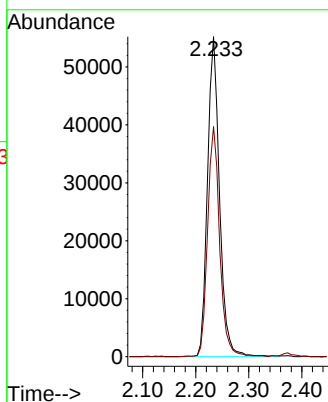
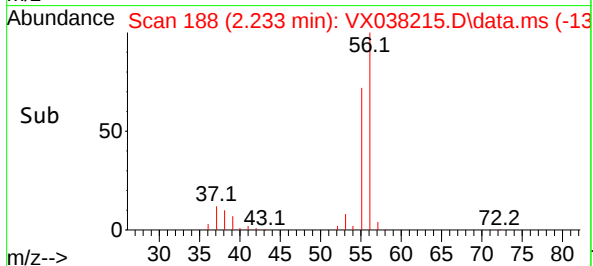
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 86872
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

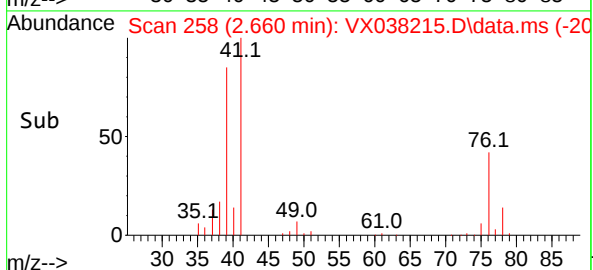
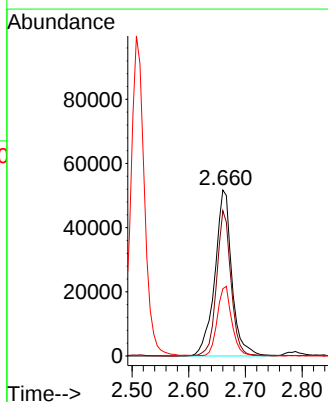
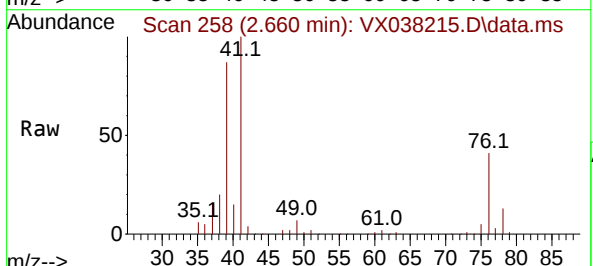
Manual Integrations
APPROVED

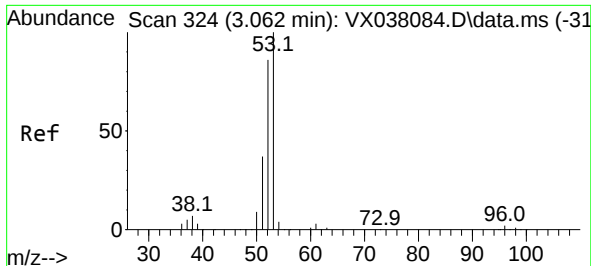
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#14
Allyl chloride
Concen: 47.931 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

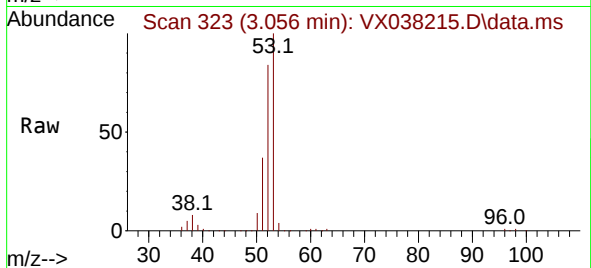
Tgt Ion: 41 Resp: 108121
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 241.197 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

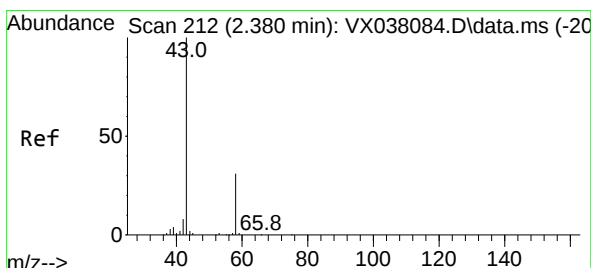
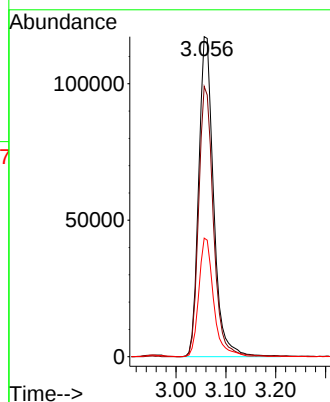
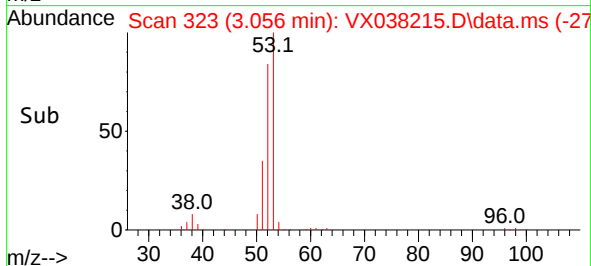
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 243359
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 37.1 29.8 44.6

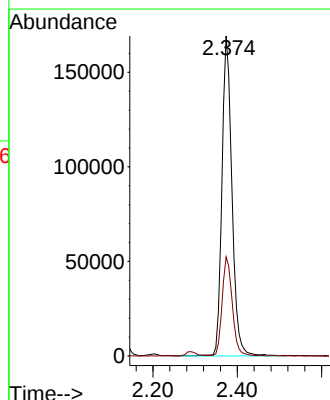
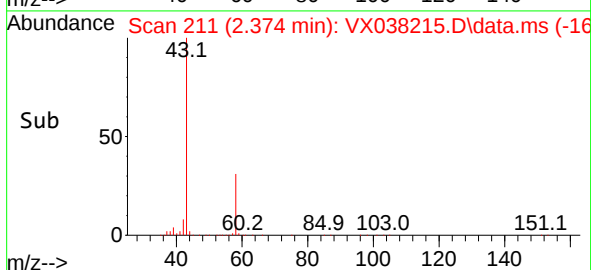
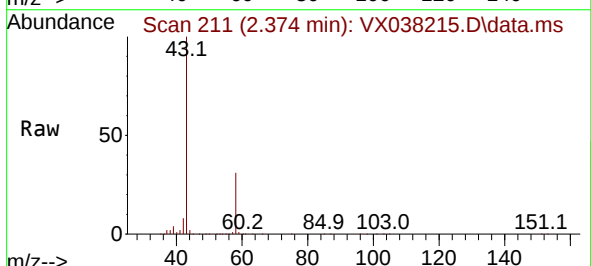
Manual Integrations
APPROVED

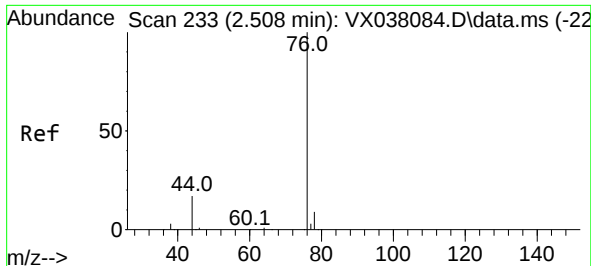
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 300.144 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

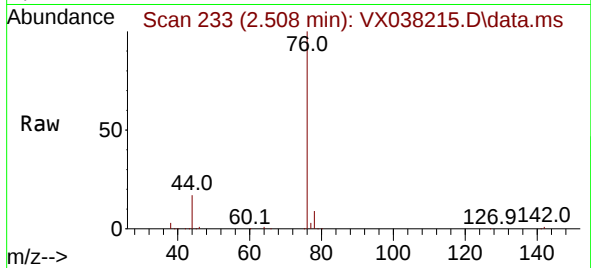
Tgt Ion: 43 Resp: 277727
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17
Carbon Disulfide
Concen: 44.829 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

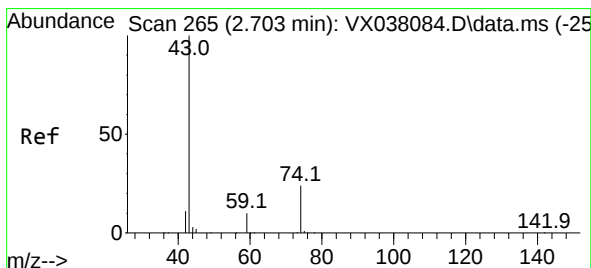
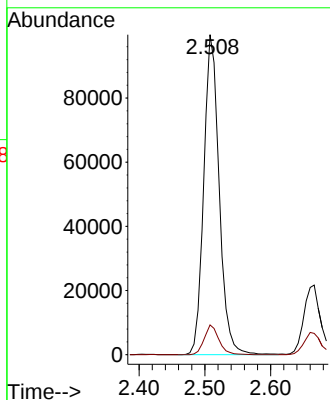
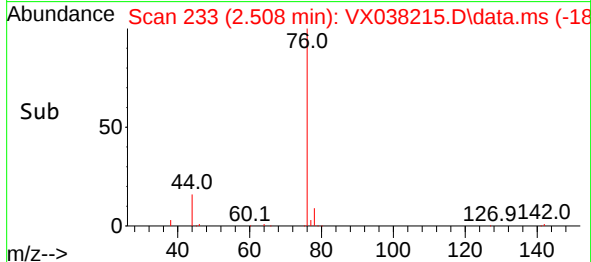
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 16294
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

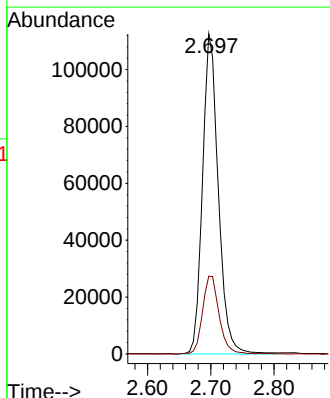
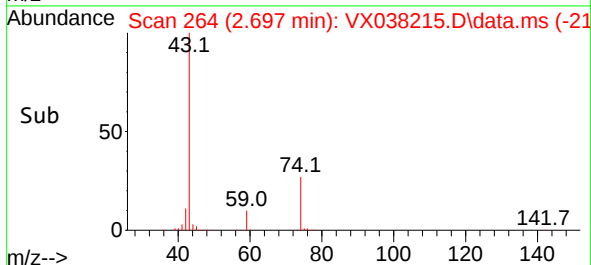
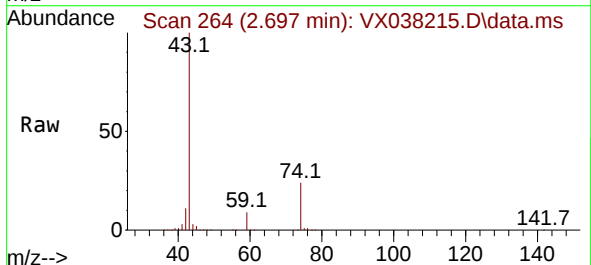
Manual Integrations
APPROVED

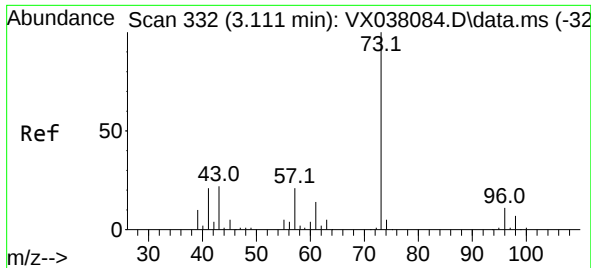
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#18
Methyl Acetate
Concen: 49.383 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 43 Resp: 195955
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





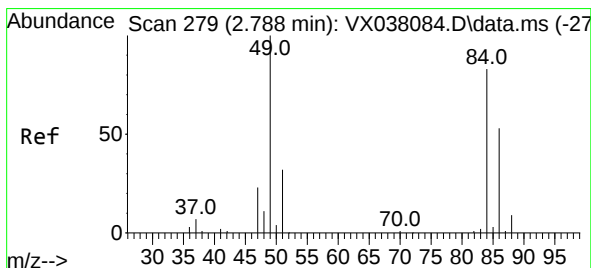
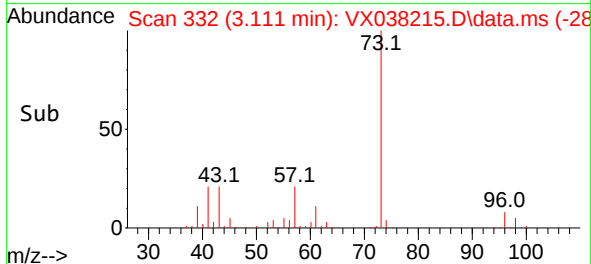
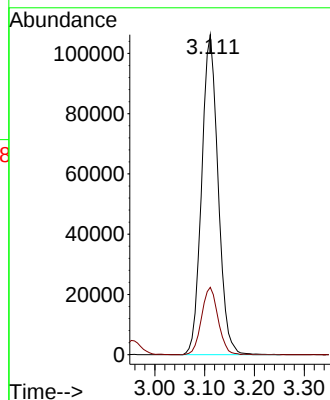
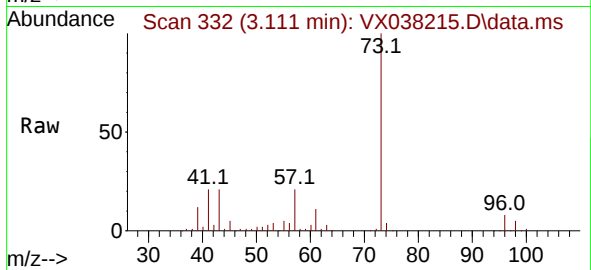
#19
Methyl tert-butyl Ether
Concen: 48.385 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 243029
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

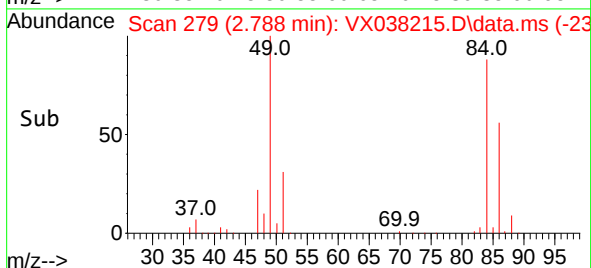
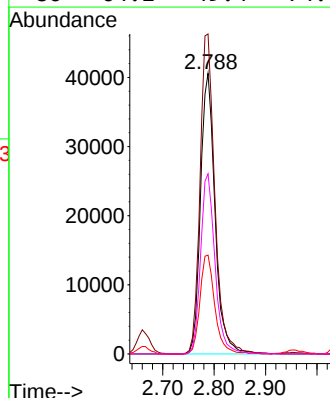
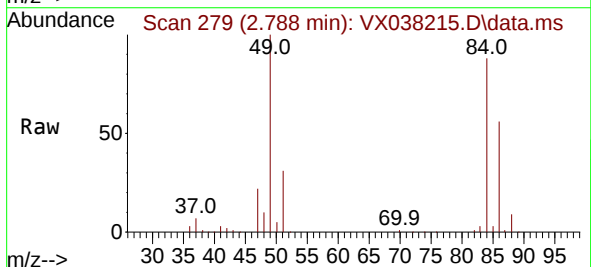
Manual Integrations
APPROVED

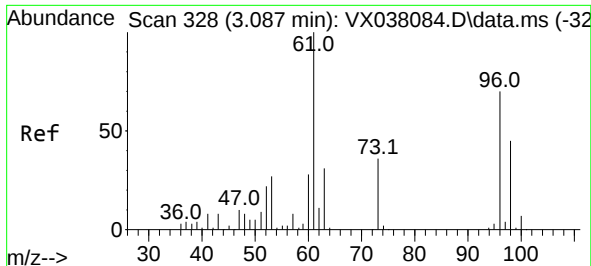
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 45.752 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

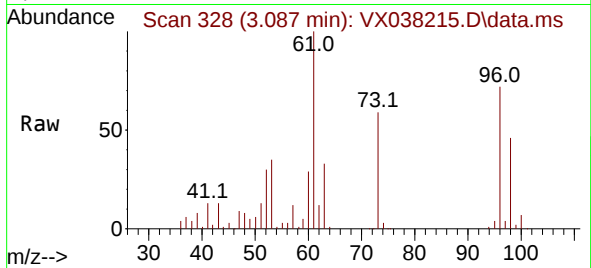
Tgt Ion: 84 Resp: 79632
Ion Ratio Lower Upper
84 100
49 114.0 103.6 155.4
51 35.2 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.118 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

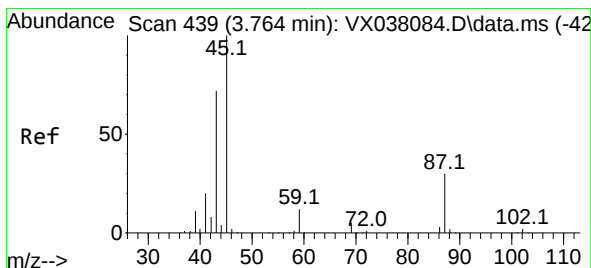
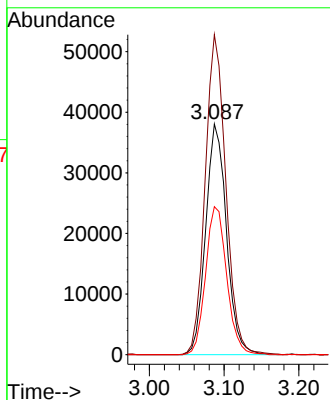
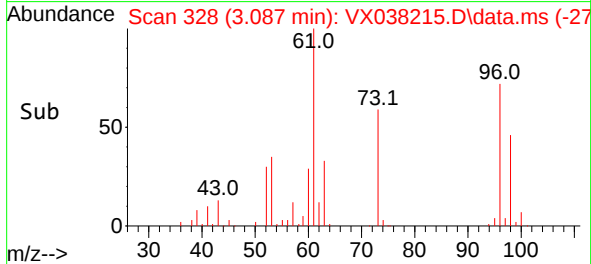
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



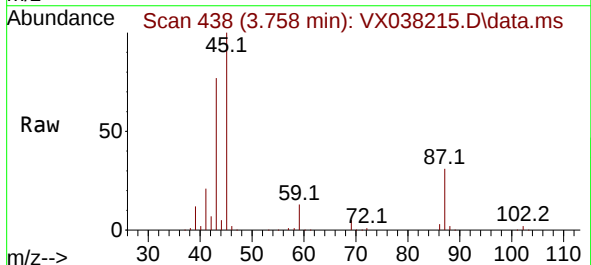
Tgt Ion: 96 Resp: 7357
Ion Ratio Lower Upper
96 100
61 138.7 119.2 178.8
98 64.1 48.7 73.1

Manual Integrations
APPROVED

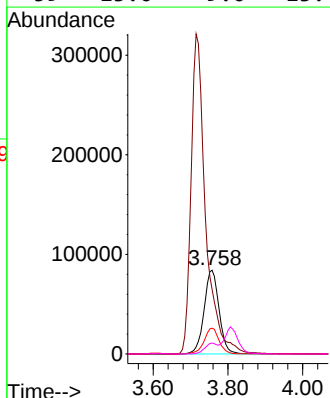
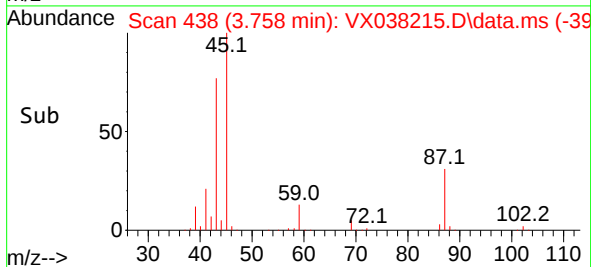
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

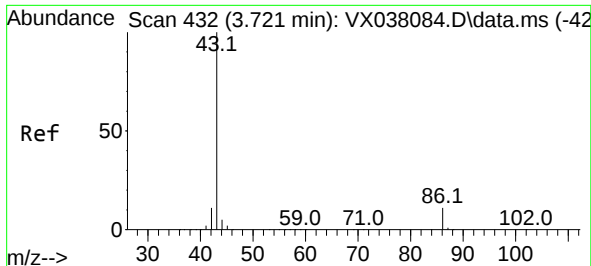


#22
Diisopropyl ether
Concen: 49.445 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20



Tgt Ion: 45 Resp: 233765
Ion Ratio Lower Upper
45 100
43 77.0 69.7 104.5
87 30.9 20.8 31.2
59 13.0 9.0 13.4





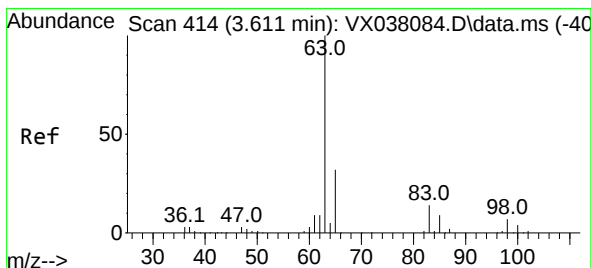
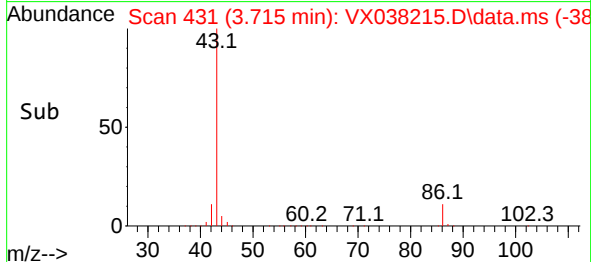
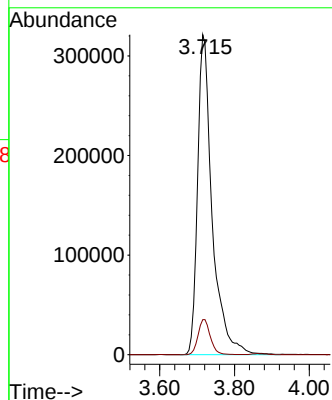
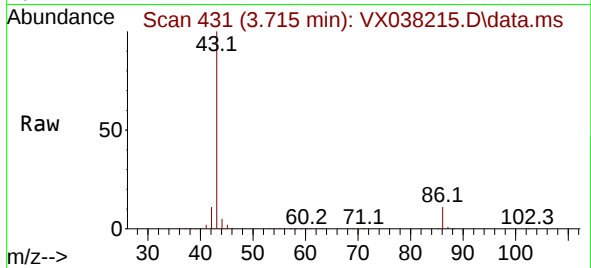
#23
 Vinyl Acetate
 Concen: 250.816 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 869590
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

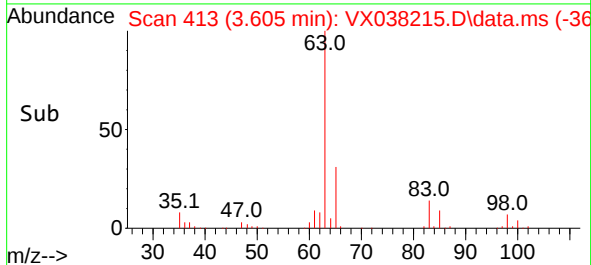
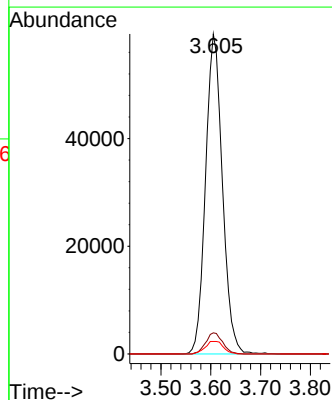
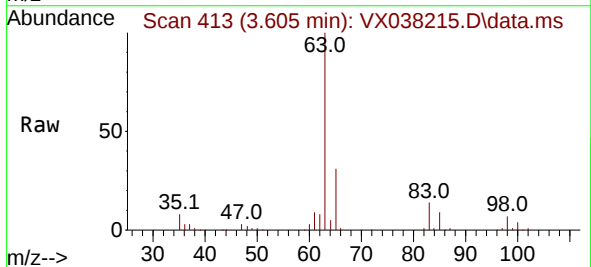
Manual Integrations
 APPROVED

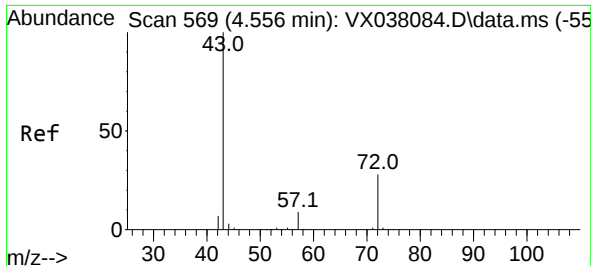
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 48.611 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20

Tgt Ion: 63 Resp: 139473
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.9 2.1 6.5





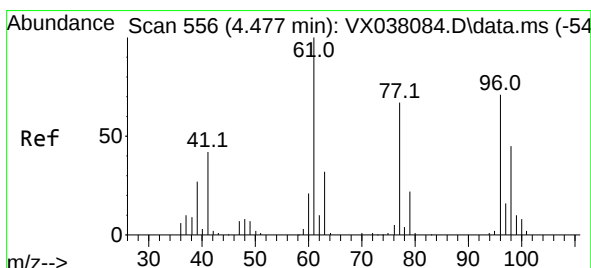
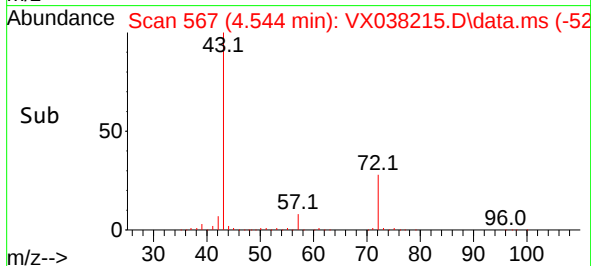
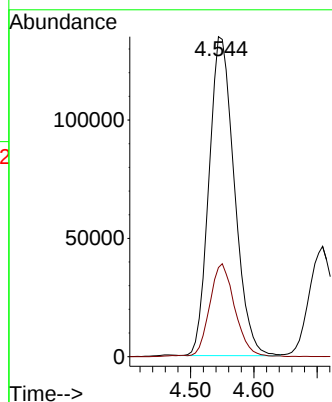
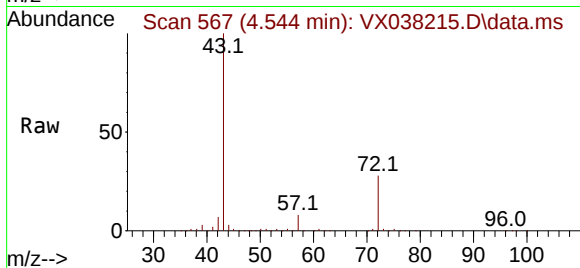
#25
2-Butanone
Concen: 251.366 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37528
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

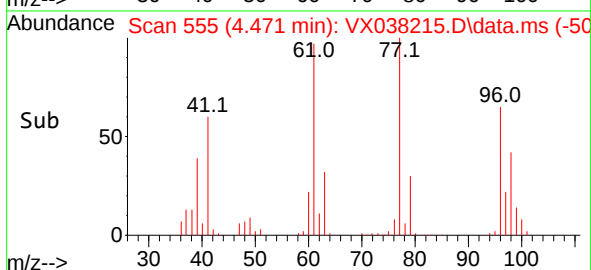
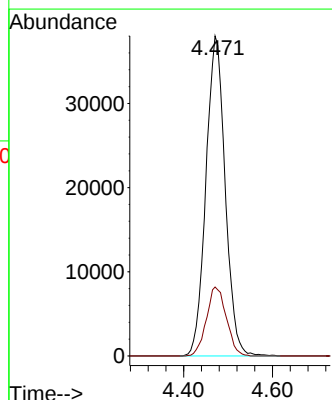
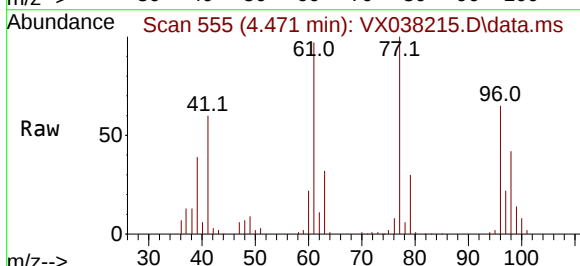
Manual Integrations
APPROVED

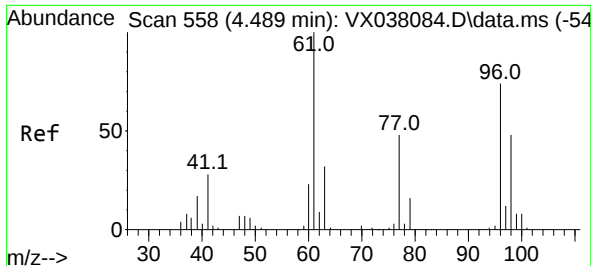
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#26
2,2-Dichloropropane
Concen: 51.173 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 77 Resp: 114632
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.013 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

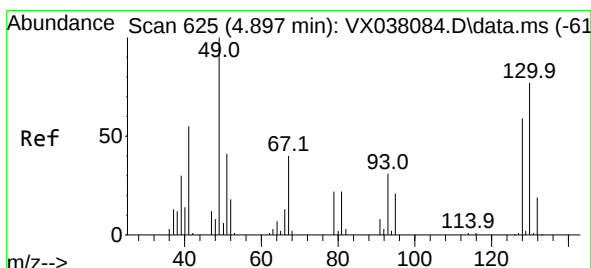
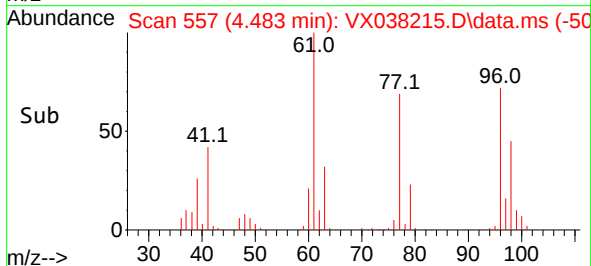
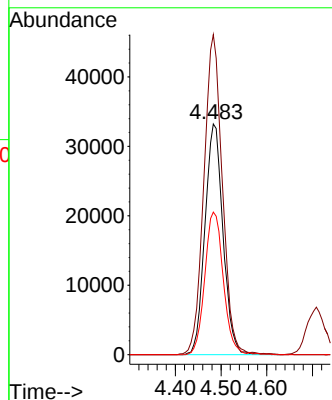
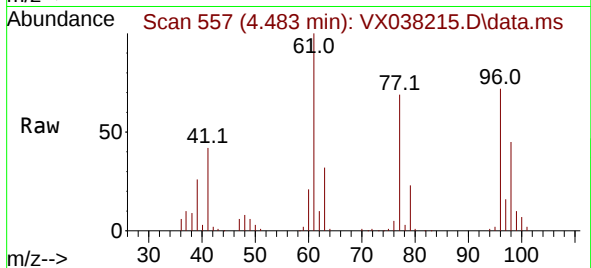
VSTDCCC050

Tgt Ion: 96 Resp: 91149
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 312.2
 98 63.4 0.0 129.0

Manual Integrations

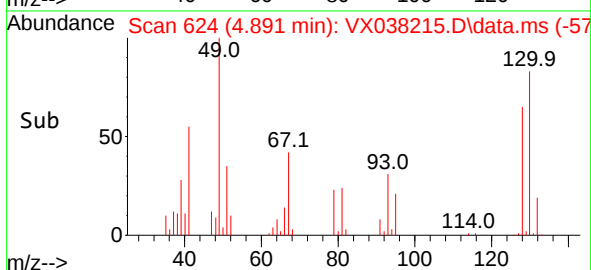
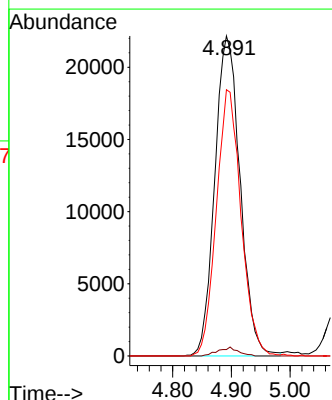
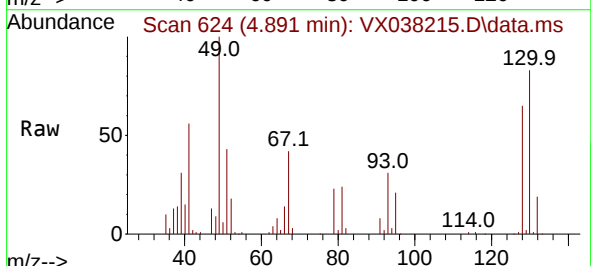
APPROVED

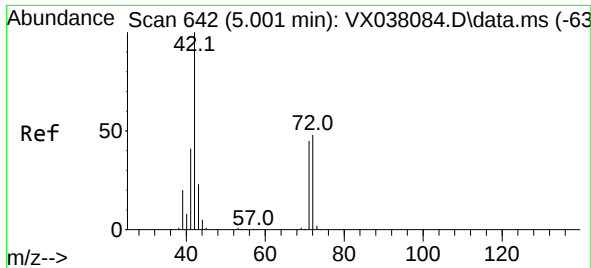
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#28
 Bromochloromethane
 Concen: 51.215 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20

Tgt Ion: 49 Resp: 66335
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 81.2 57.5 86.3





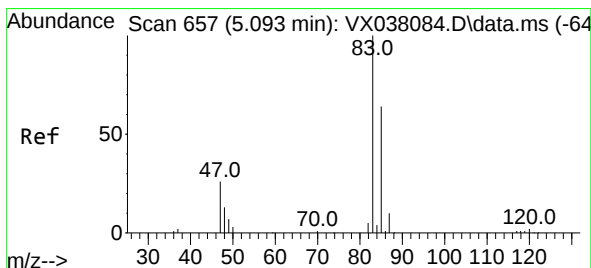
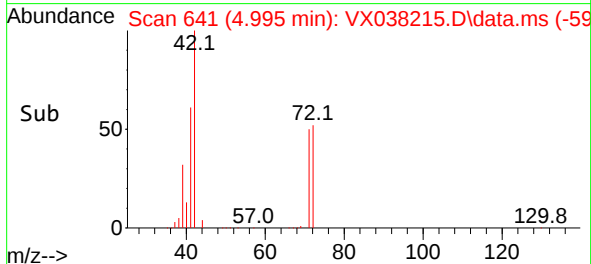
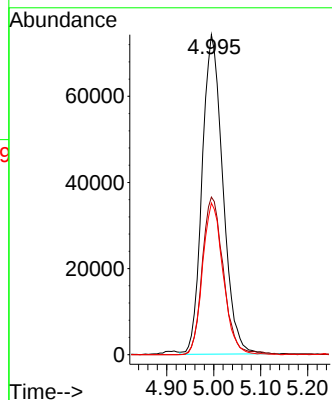
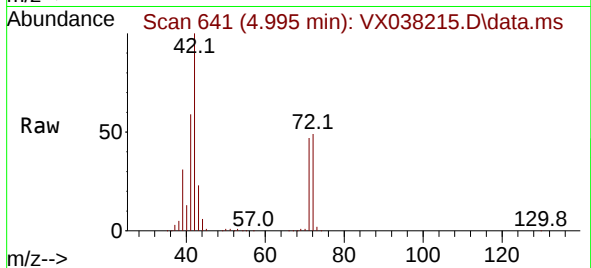
#29
Tetrahydrofuran
Concen: 234.292 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 227735
Ion Ratio Lower Upper
42 100
72 50.4 34.2 51.4
71 47.4 32.2 48.2

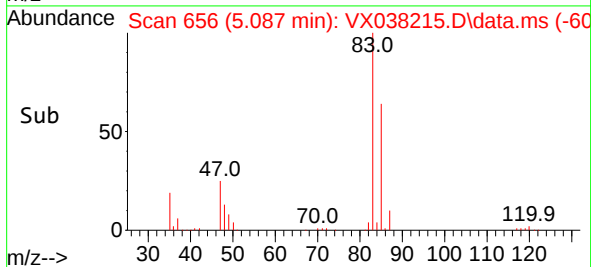
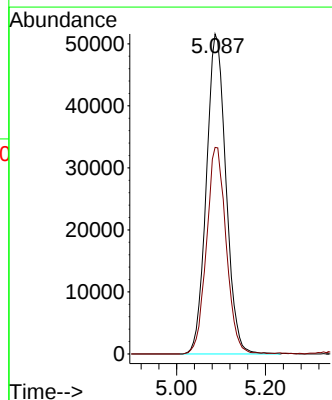
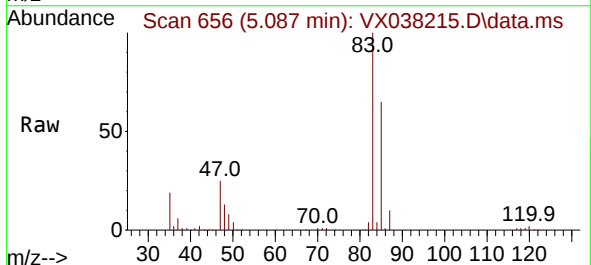
Manual Integrations
APPROVED

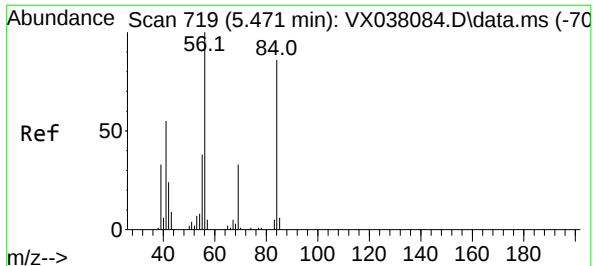
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#30
Chloroform
Concen: 50.377 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

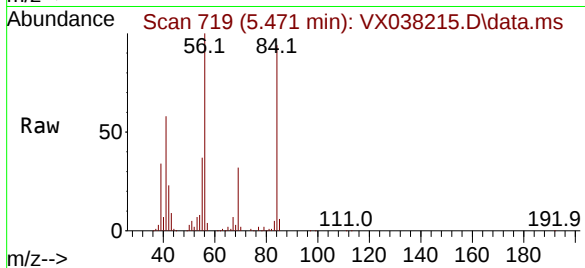
Tgt Ion: 83 Resp: 158059
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5





#31
Cyclohexane
Concen: 48.622 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

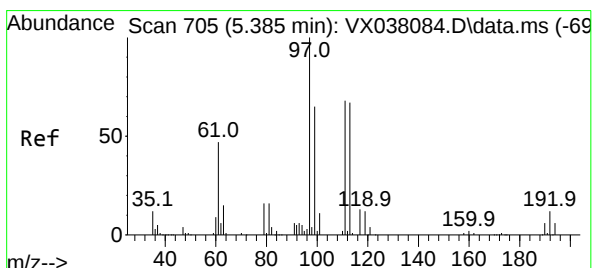
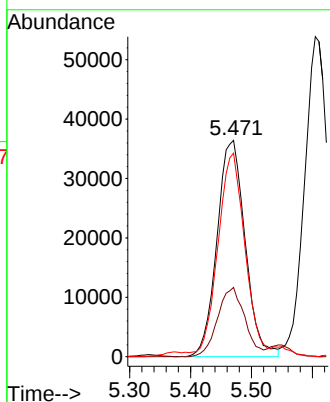
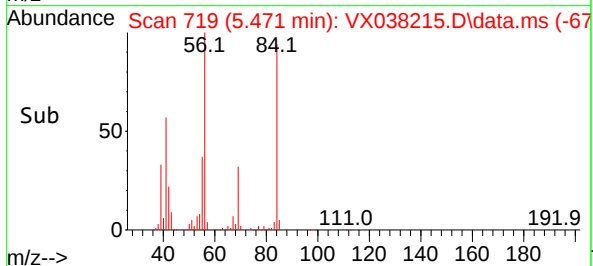
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 116794
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 92.0 65.9 98.9

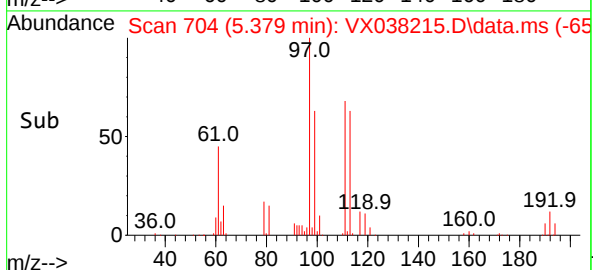
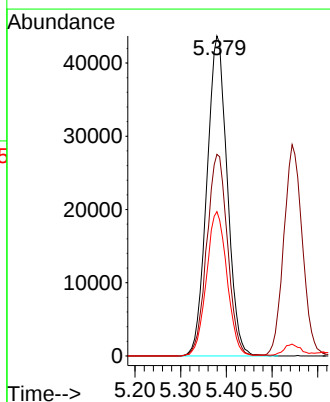
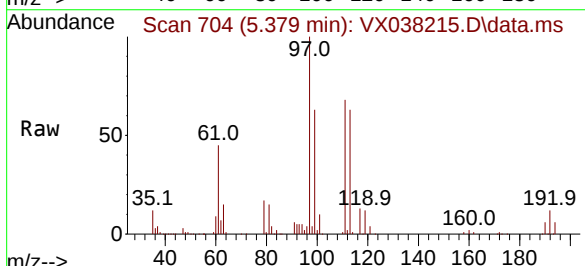
Manual Integrations
APPROVED

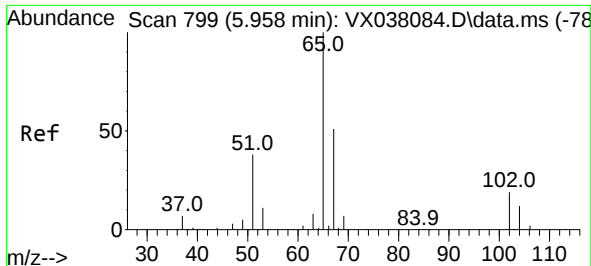
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#32
1,1,1-Trichloroethane
Concen: 50.275 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 97 Resp: 135107
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.7 36.4 54.6





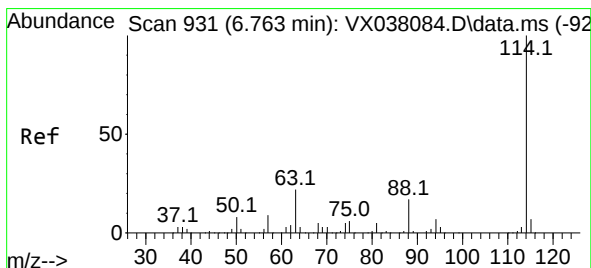
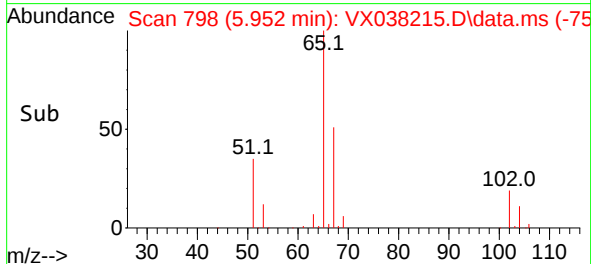
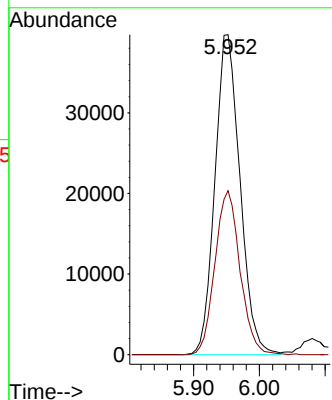
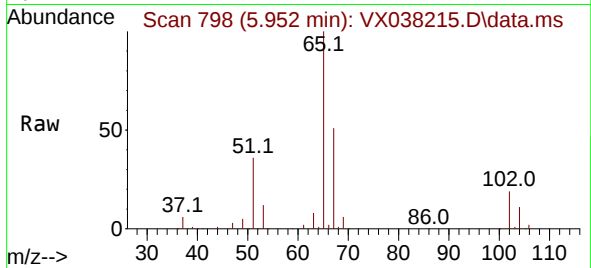
#33
1,2-Dichloroethane-d4
Concen: 47.553 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 105430
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

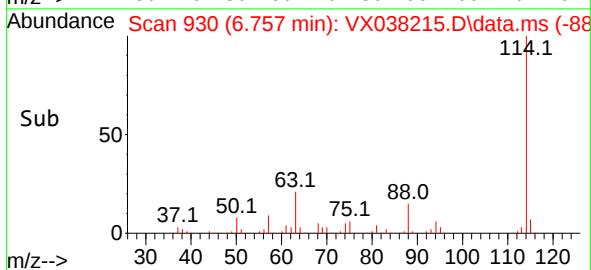
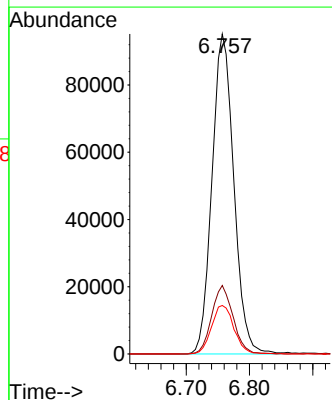
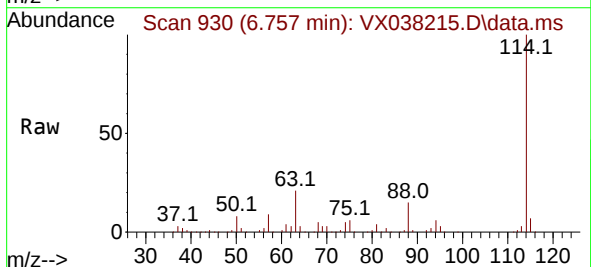
Manual Integrations
APPROVED

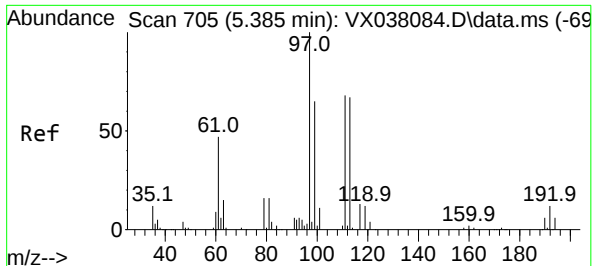
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

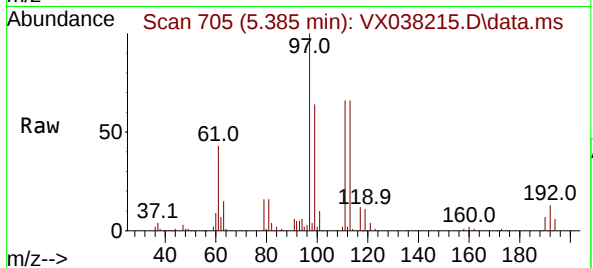
Tgt Ion:114 Resp: 227636
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.932 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

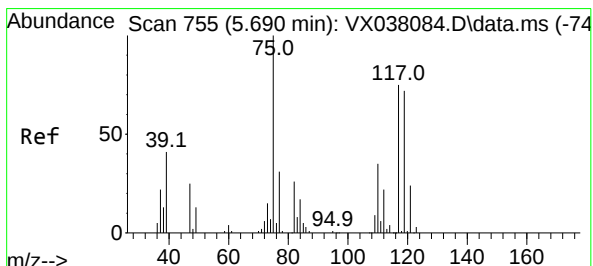
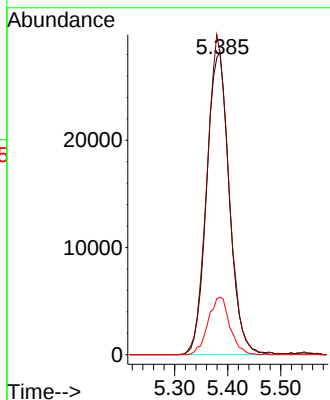
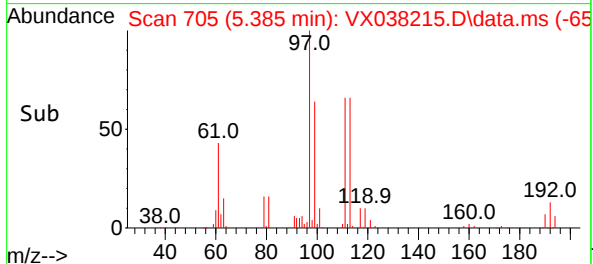
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 8354
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.3 13.3 19.9

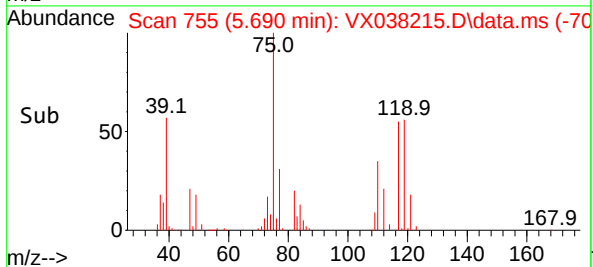
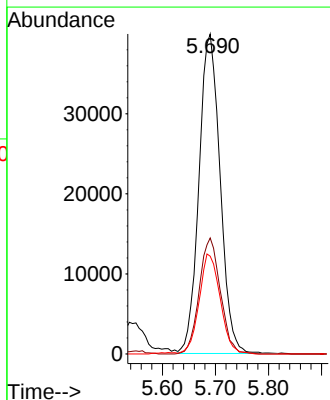
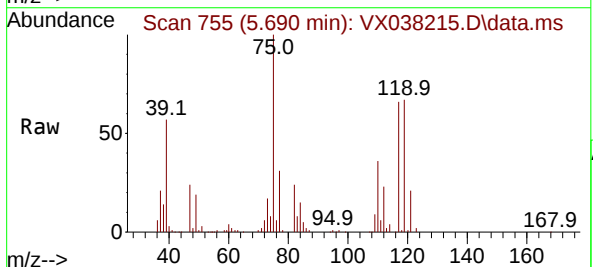
Manual Integrations
APPROVED

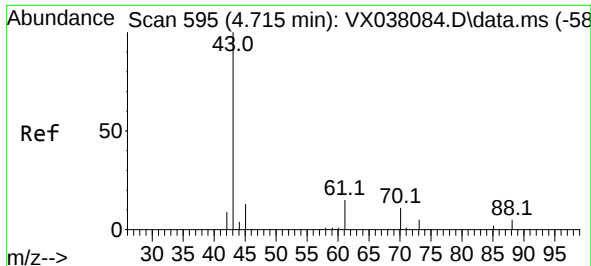
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#36
1,1-Dichloropropene
Concen: 48.921 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 75 Resp: 110654
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.606 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 133250

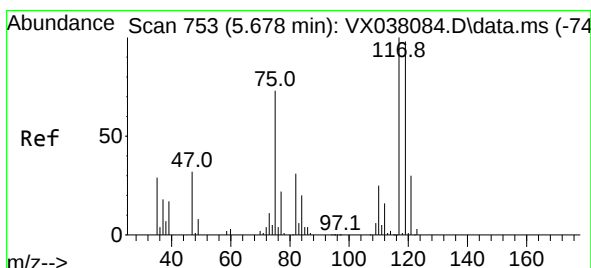
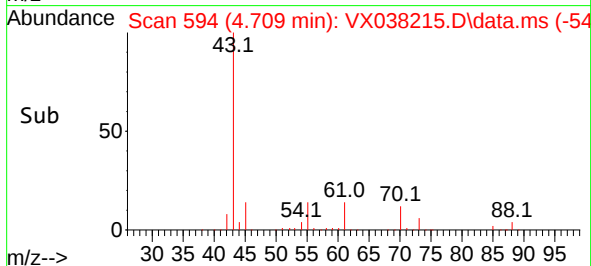
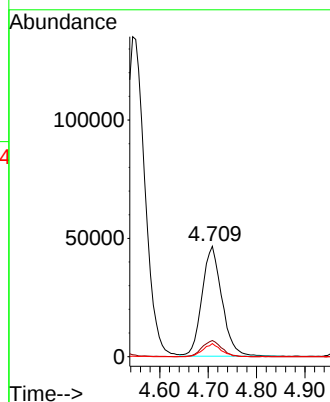
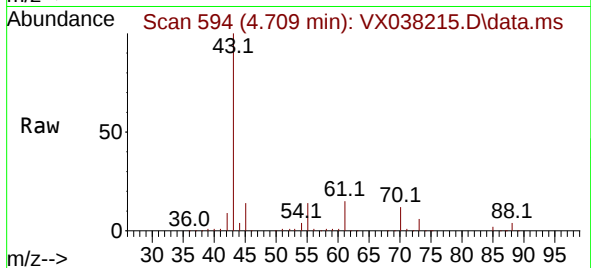
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#38

Carbon Tetrachloride

Concen: 52.373 ug/l

RT: 5.672 min Scan# 752

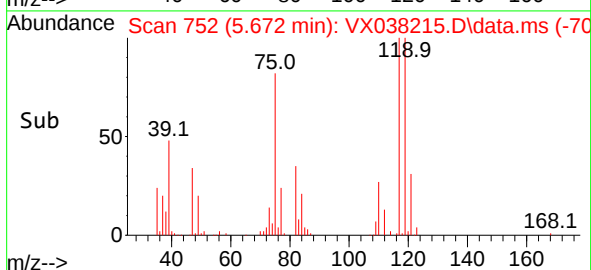
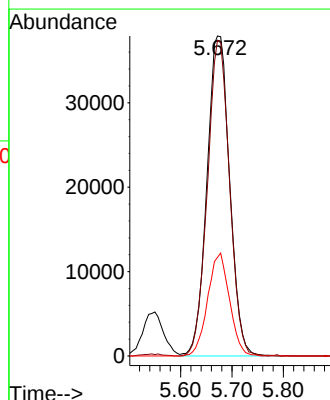
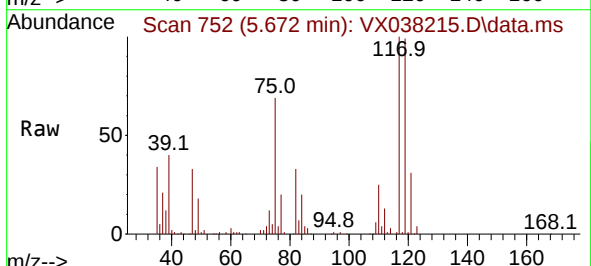
Delta R.T. -0.006 min

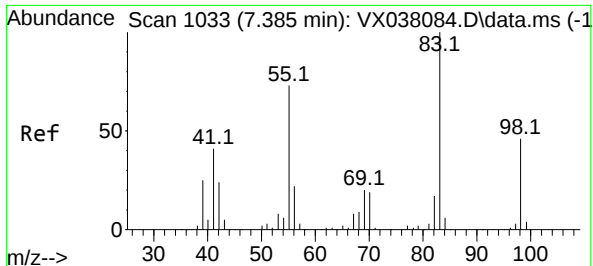
Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion:117 Resp: 116536

Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.2	117.2
121	30.8	24.4	36.6





#39

Methylcyclohexane

Concen: 51.384 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13613

Ion Ratio Lower Upper

83 100

55 72.2 64.6 97.0

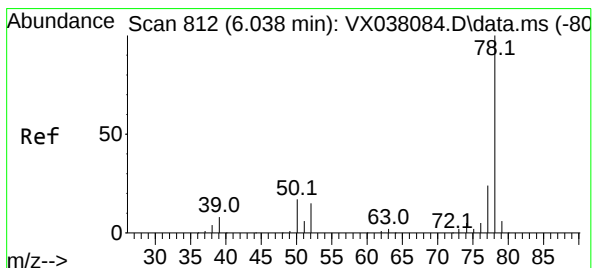
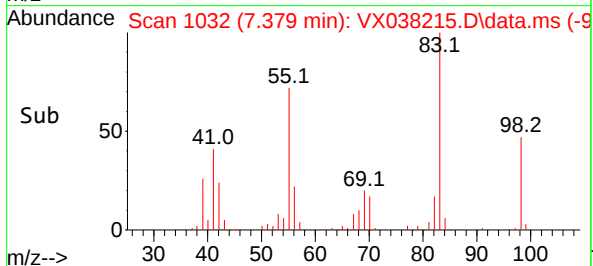
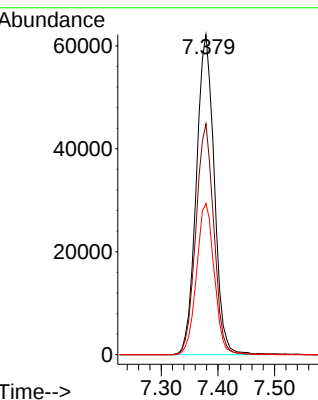
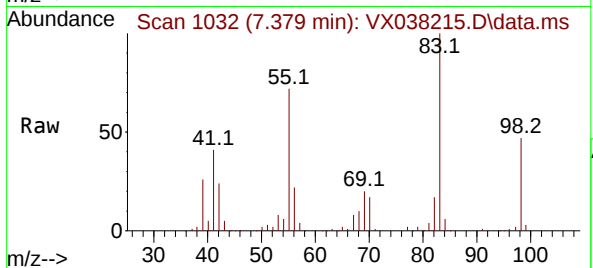
98 47.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#40

Benzene

Concen: 50.814 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038215.D

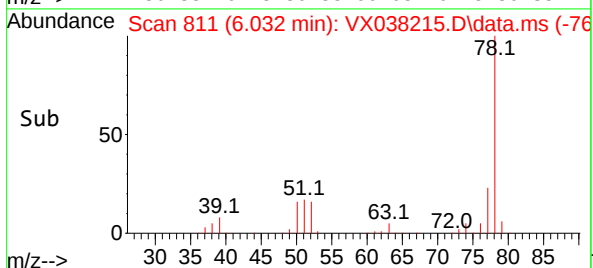
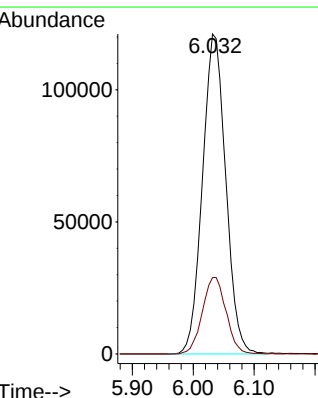
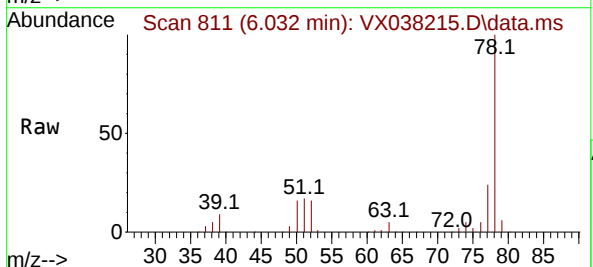
Acq: 11 Oct 2023 09:20

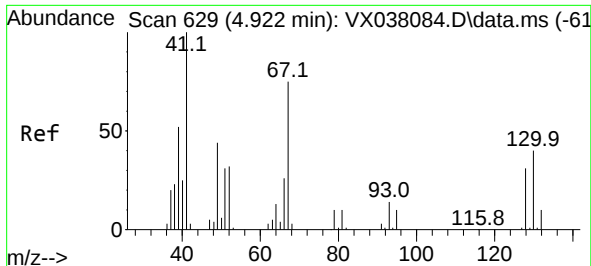
Tgt Ion: 78 Resp: 321471

Ion Ratio Lower Upper

78 100

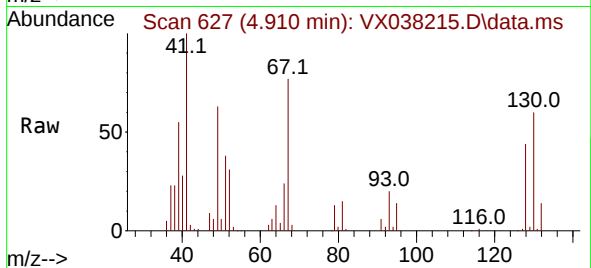
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 51.294 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

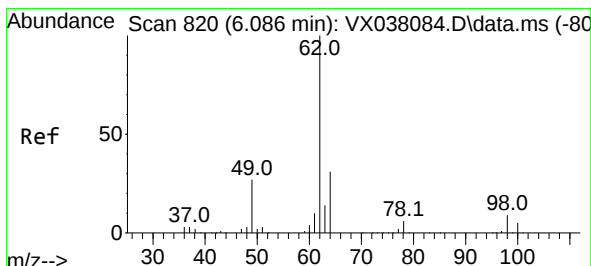
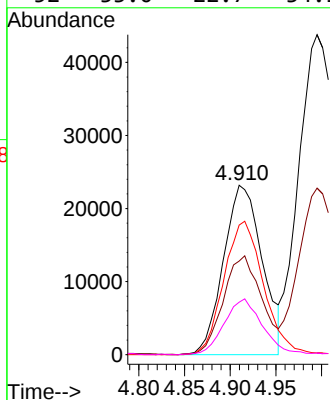
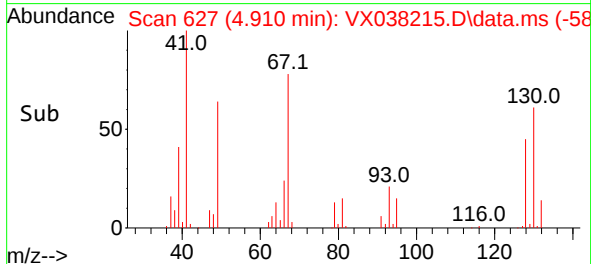
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	6854
Ion Ratio	100	Lower	Upper
39	57.4	45.2	67.8
67	81.1	52.6	78.8
52	33.0	22.7	34.1

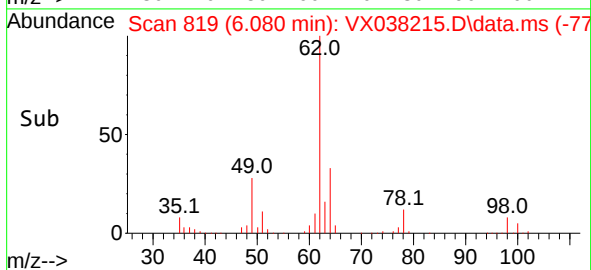
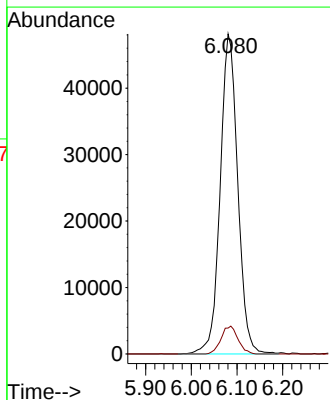
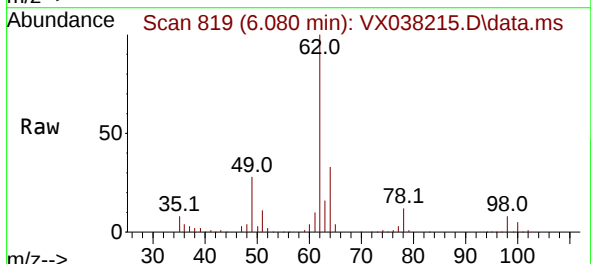
Manual Integrations
APPROVED

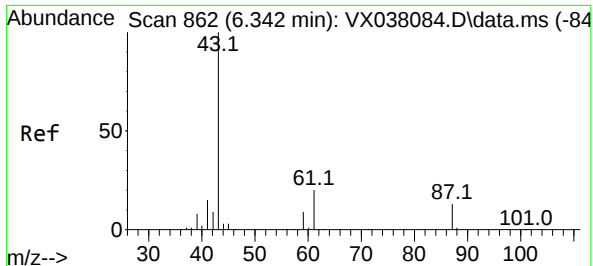
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 50.867 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

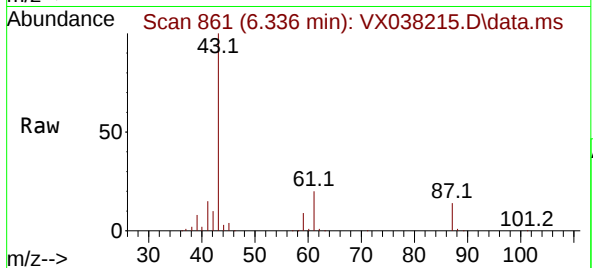
Tgt Ion:	62	Resp:	128573
Ion Ratio	100	Lower	Upper
98	8.4	0.0	16.0





#43
Isopropyl Acetate
Concen: 51.307 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

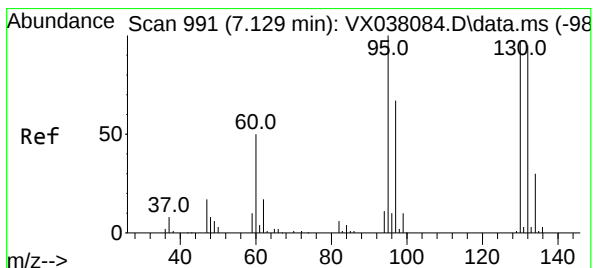
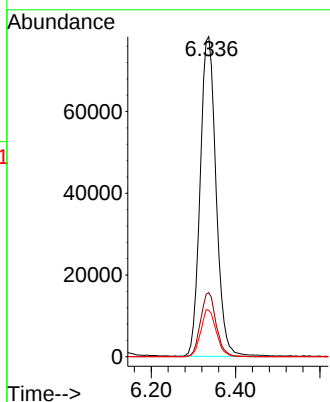
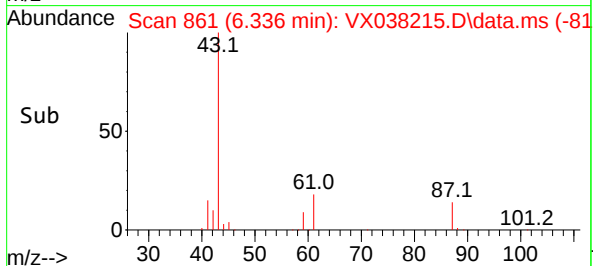
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 205752
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 14.3 9.8 14.6

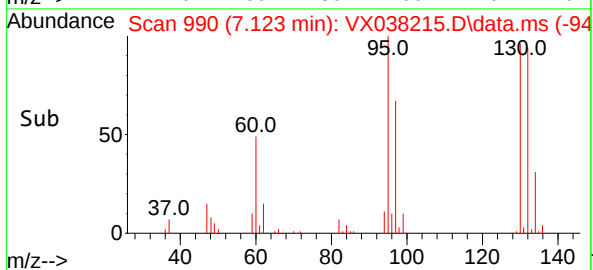
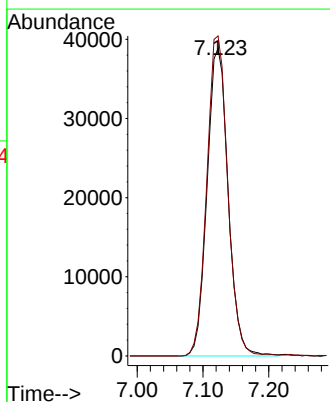
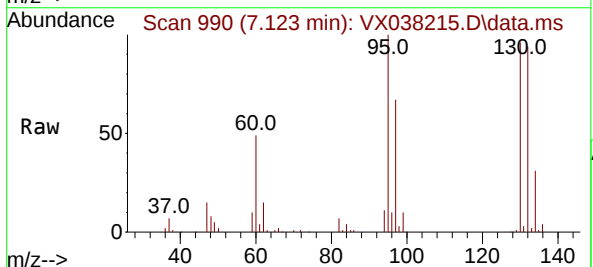
Manual Integrations
APPROVED

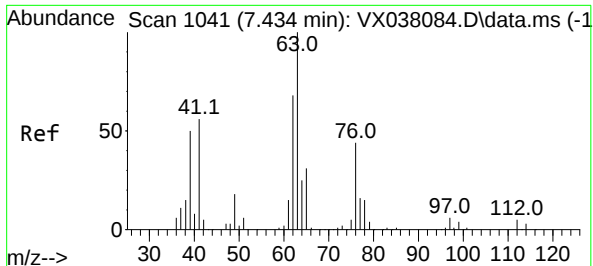
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#44
Trichloroethene
Concen: 52.333 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:130 Resp: 86594
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.596 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8448

Ion Ratio Lower Upper

63 100

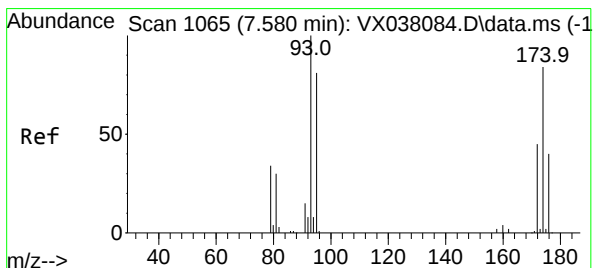
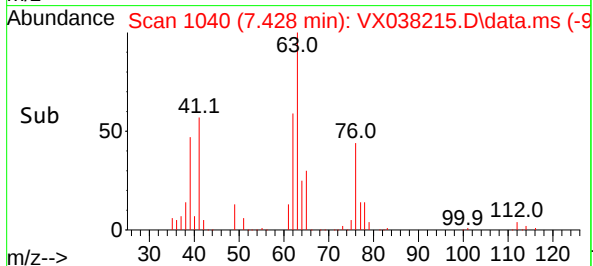
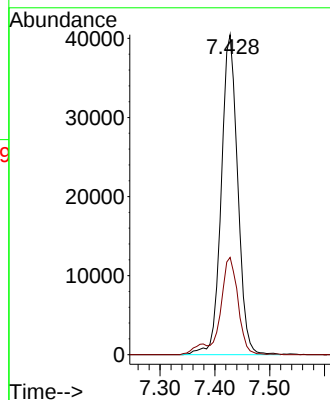
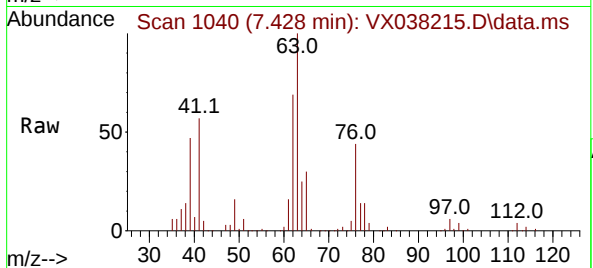
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 51.059 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

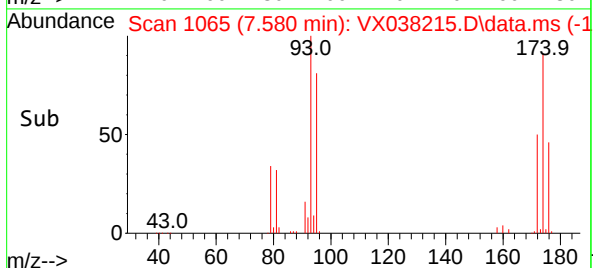
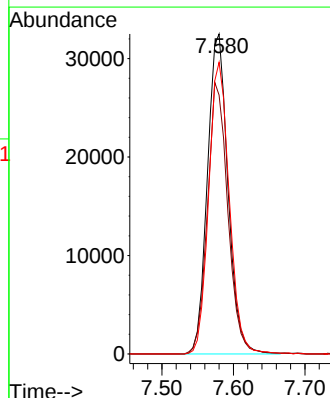
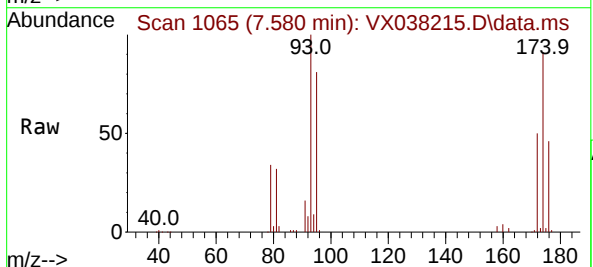
Tgt Ion: 93 Resp: 64842

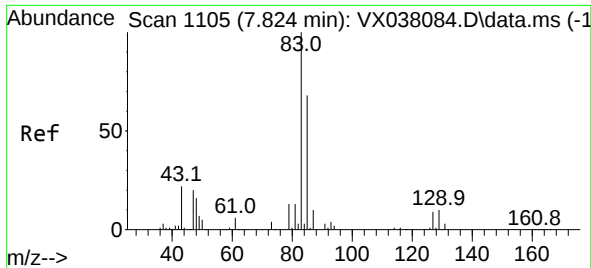
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 91.5 69.4 104.0





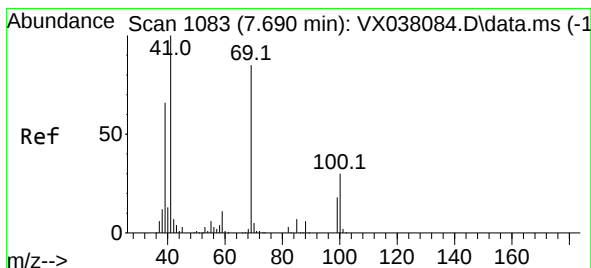
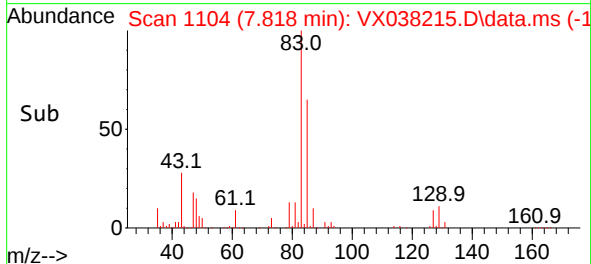
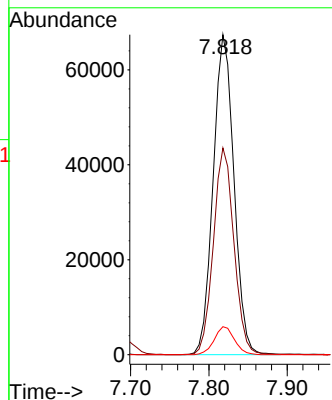
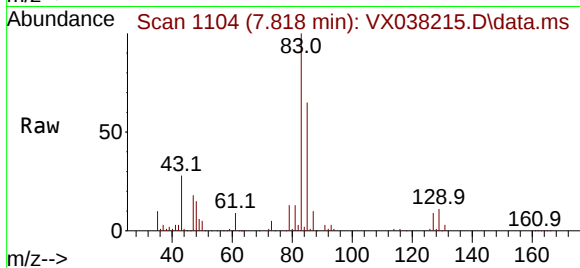
#47
Bromodichloromethane
Concen: 54.936 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 124110
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.7 7.1 10.7

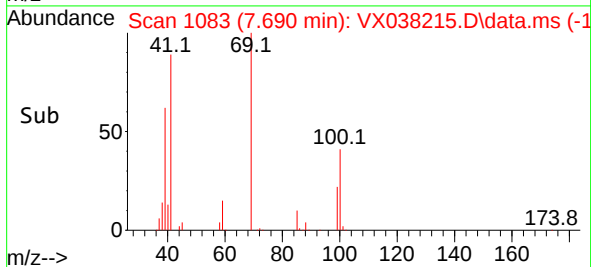
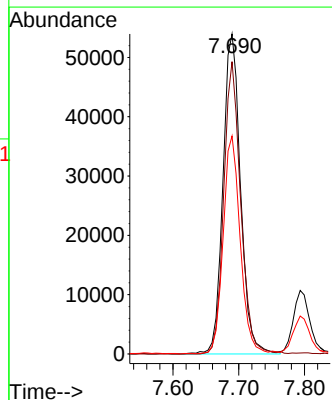
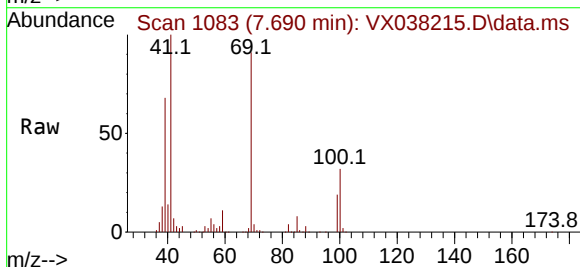
Manual Integrations
APPROVED

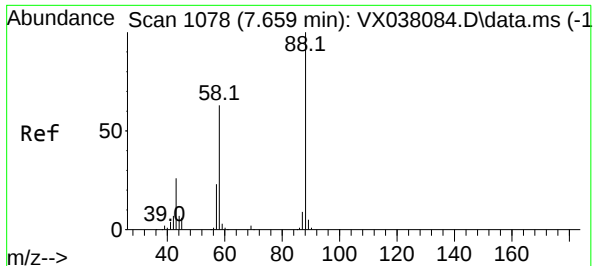
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 41 Resp: 100388
Ion Ratio Lower Upper
41 100
69 88.0 59.2 88.8
39 65.7 47.7 71.5





#49

1,4-Dioxane

Concen: 986.302 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

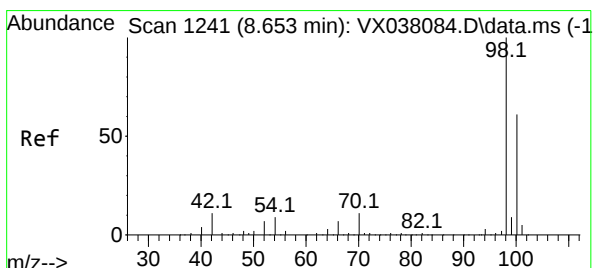
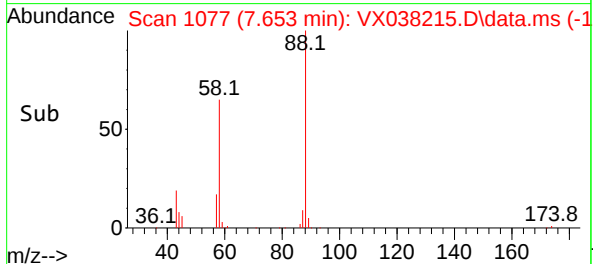
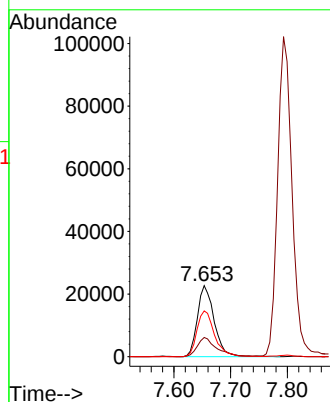
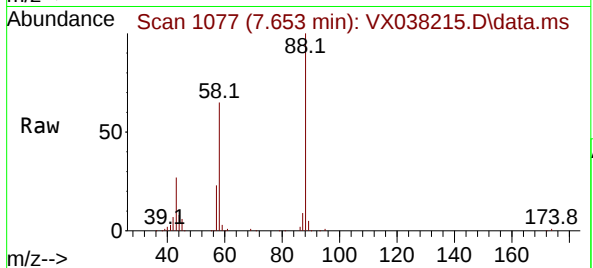
Tgt Ion: 88 Resp: 46529
 Ion Ratio Lower Upper
 88 100
 43 31.0 0.0 0.0
 58 67.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#50

Toluene-d8

Concen: 50.525 ug/l

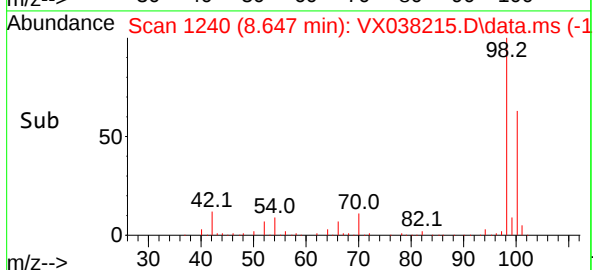
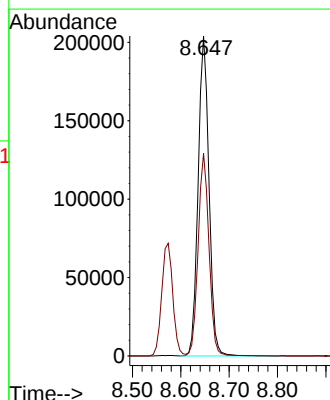
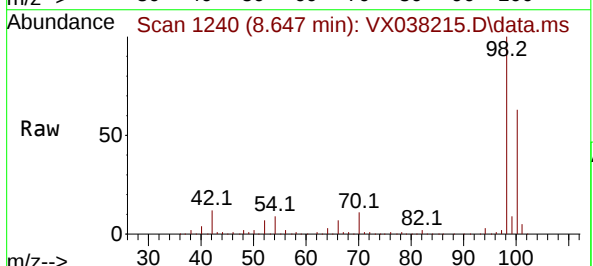
RT: 8.647 min Scan# 1240

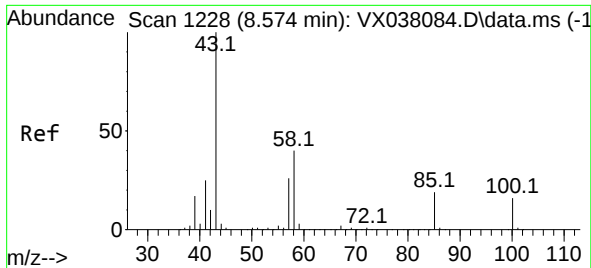
Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion: 98 Resp: 316681
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 260.579 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

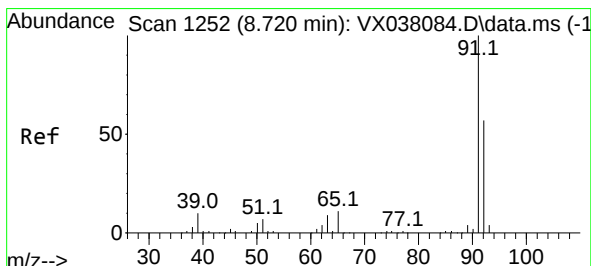
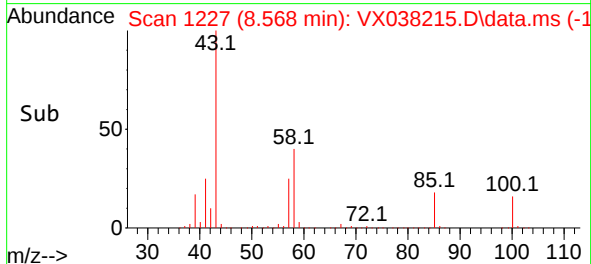
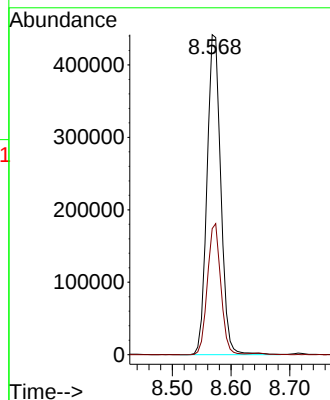
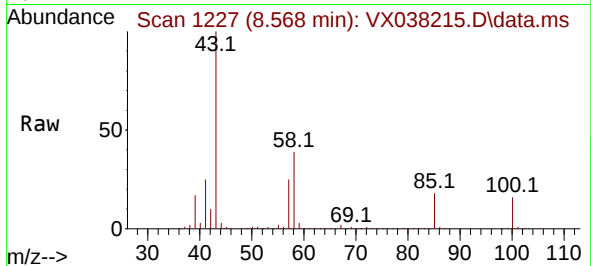
VSTDC050

Tgt Ion: 43 Resp: 72078
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

Manual Integrations

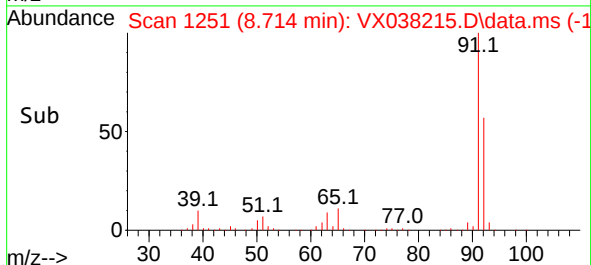
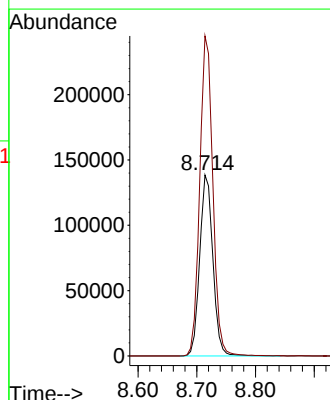
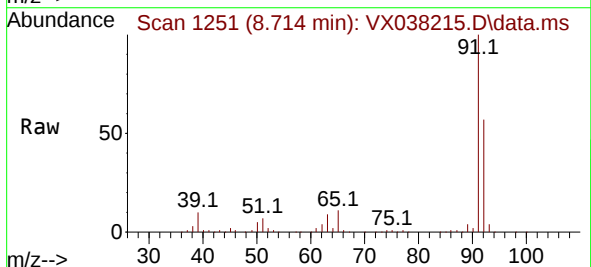
APPROVED

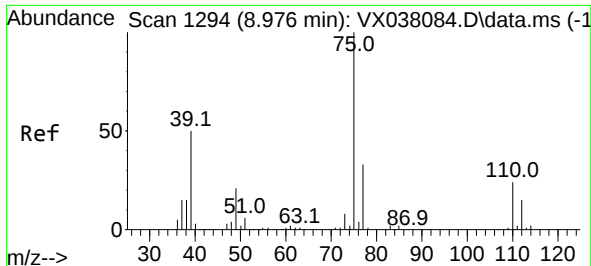
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 52.232 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

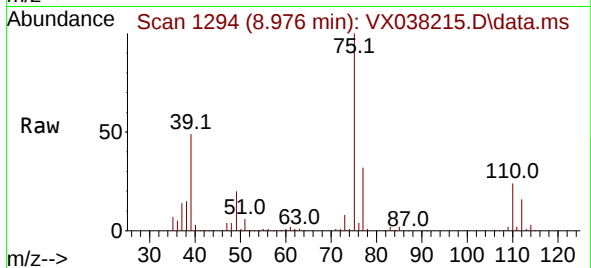
Tgt Ion: 92 Resp: 215251
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 55.188 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

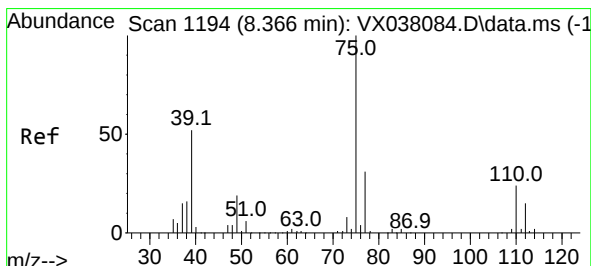
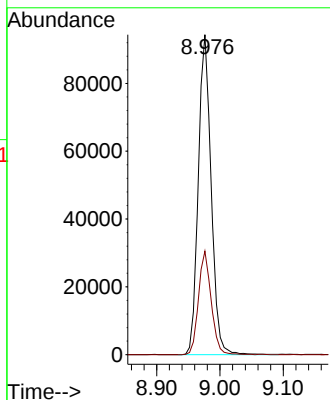
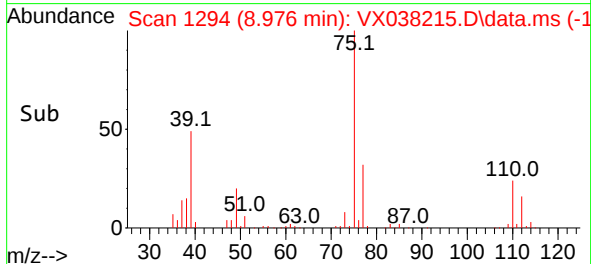
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



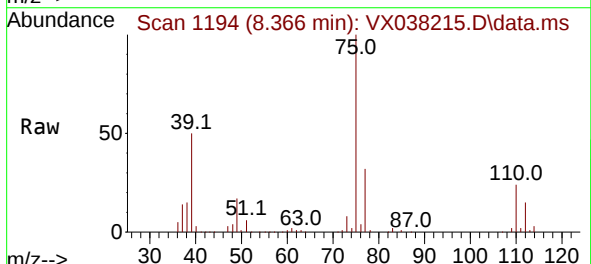
Tgt Ion: 75 Resp: 133830
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

Manual Integrations
APPROVED

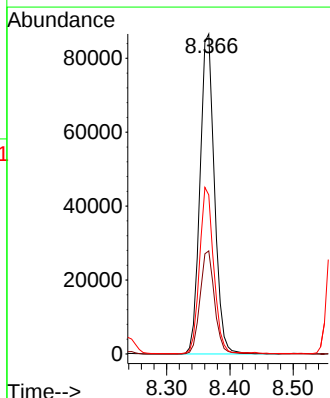
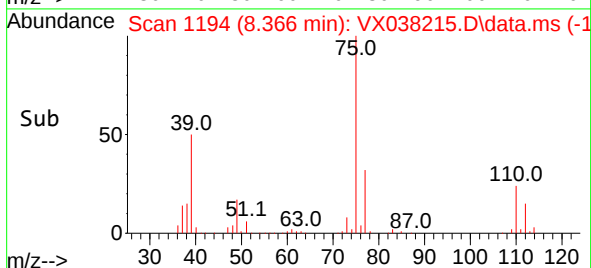
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

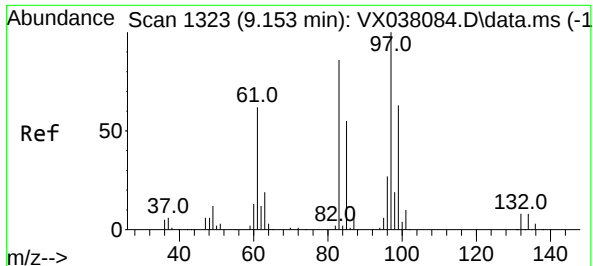


#54
cis-1,3-Dichloropropene
Concen: 54.113 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20



Tgt Ion: 75 Resp: 137868
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 49.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.414 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 92390

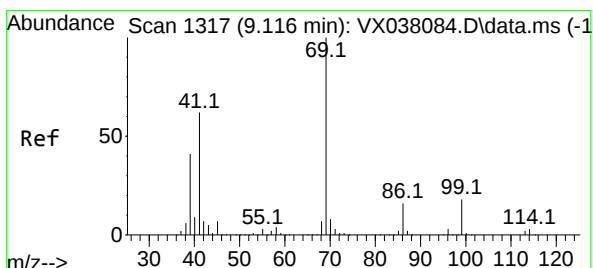
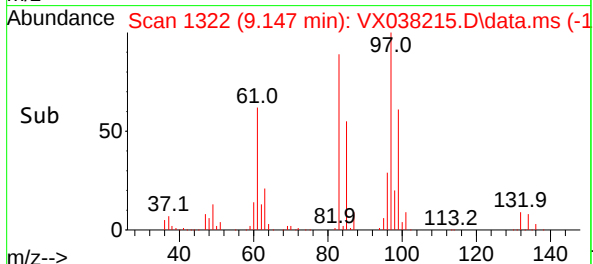
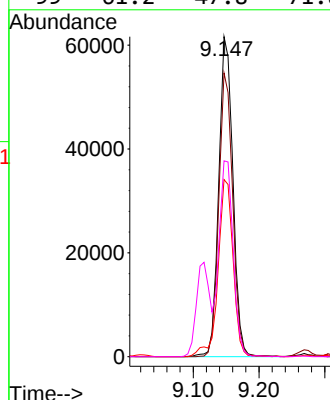
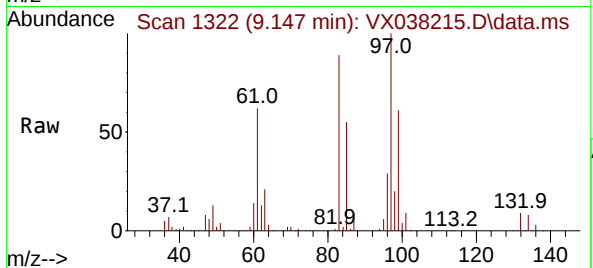
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	55.4	41.6	62.4
99	61.2	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#56

Ethyl methacrylate

Concen: 52.228 ug/l

RT: 9.116 min Scan# 1317

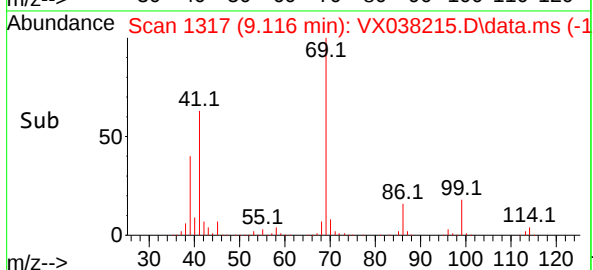
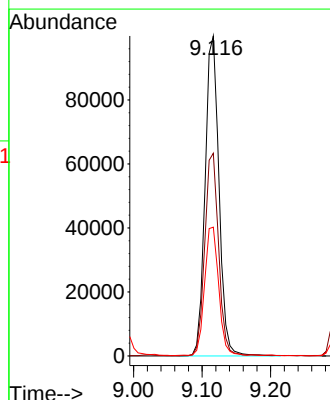
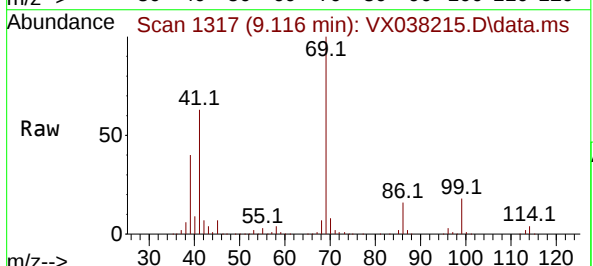
Delta R.T. 0.000 min

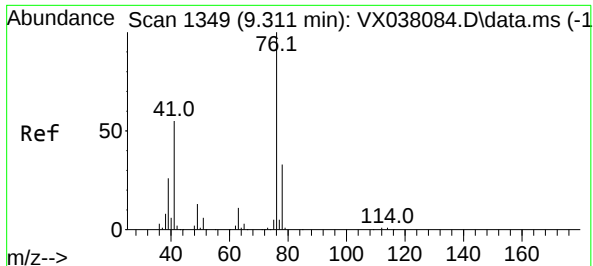
Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion: 69 Resp: 141151

Ion	Ratio	Lower	Upper
69	100		
41	63.1	56.8	85.2
39	40.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.953 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14811

Ion Ratio Lower Upper

76 100

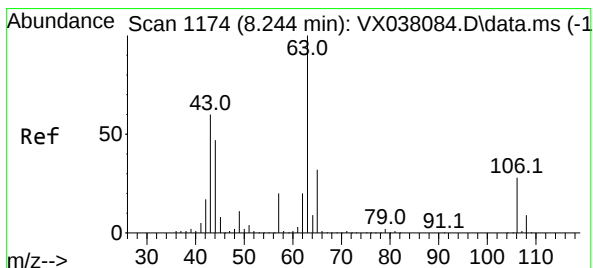
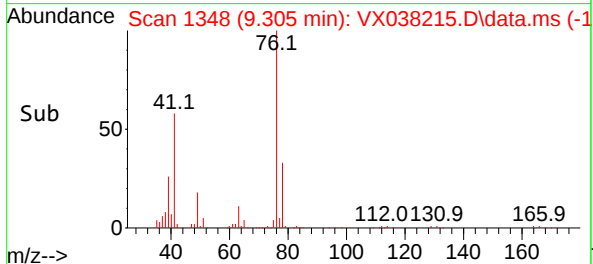
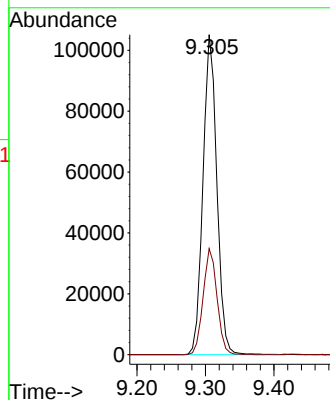
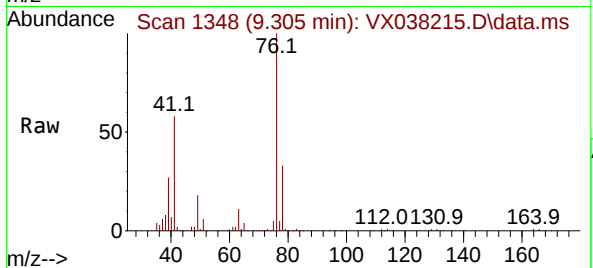
78 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.304 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038215.D

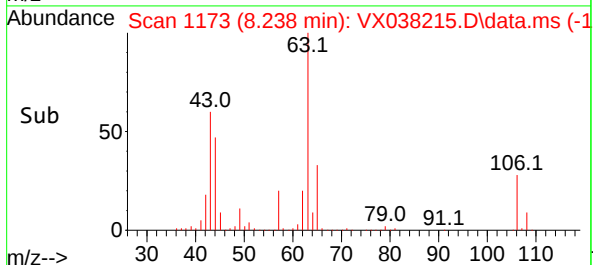
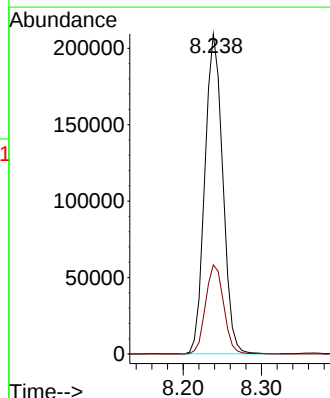
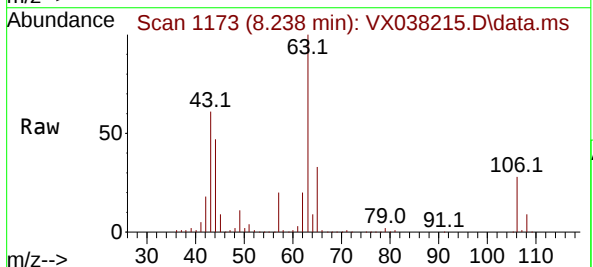
Acq: 11 Oct 2023 09:20

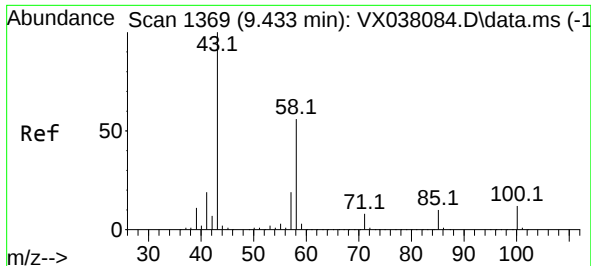
Tgt Ion: 63 Resp: 332052

Ion Ratio Lower Upper

63 100

106 28.2 22.5 33.7





#59

2-Hexanone

Concen: 272.658 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 606314

Ion Ratio Lower Upper

43 100

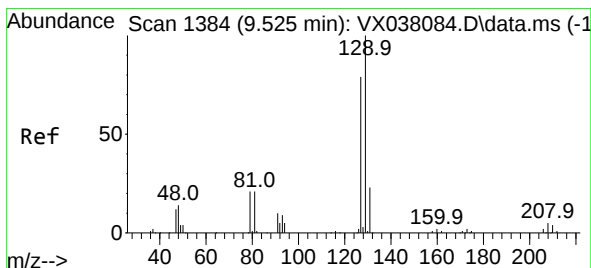
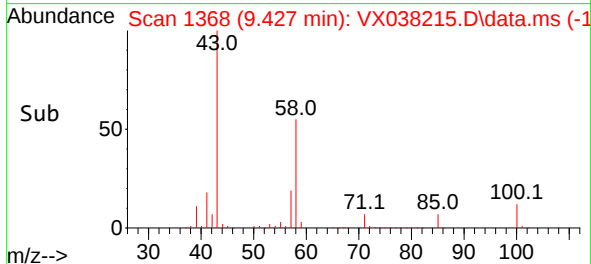
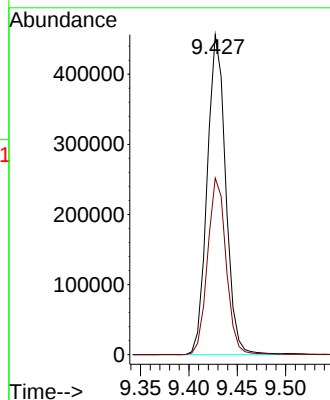
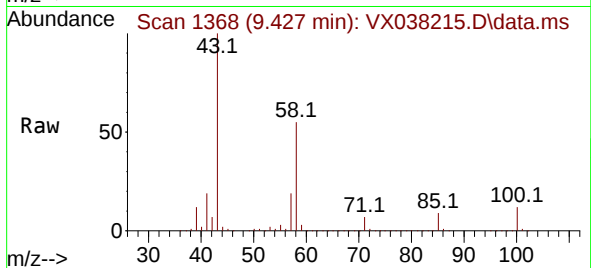
58 55.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#60

Dibromochloromethane

Concen: 57.118 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038215.D

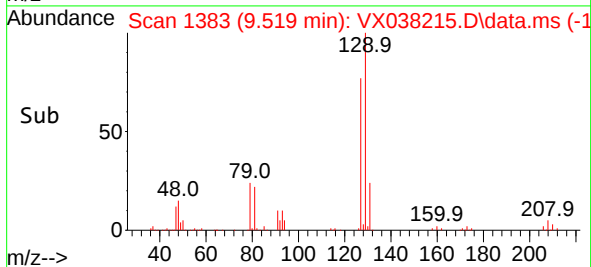
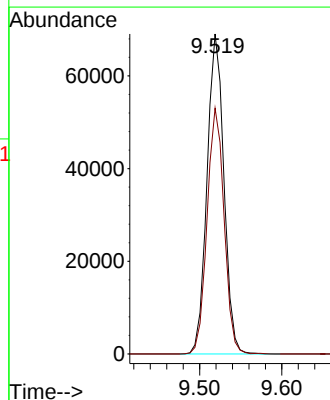
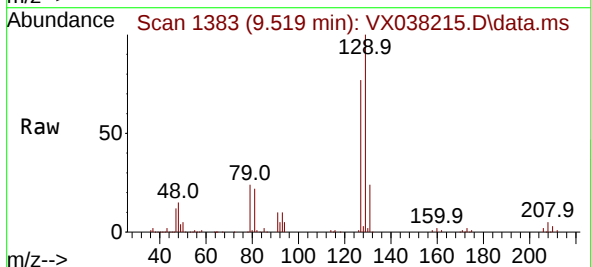
Acq: 11 Oct 2023 09:20

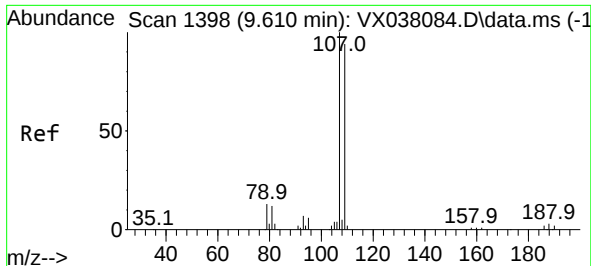
Tgt Ion:129 Resp: 98538

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.4





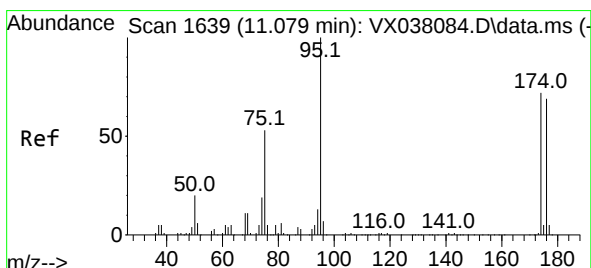
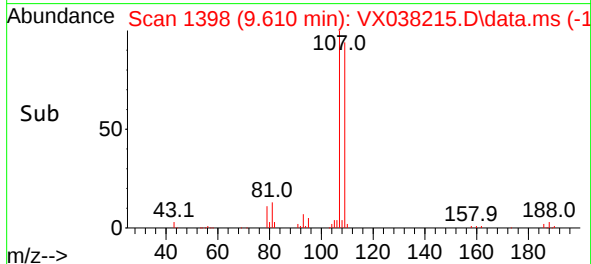
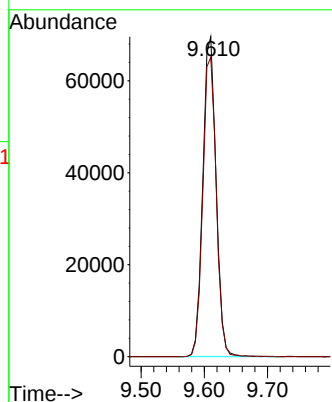
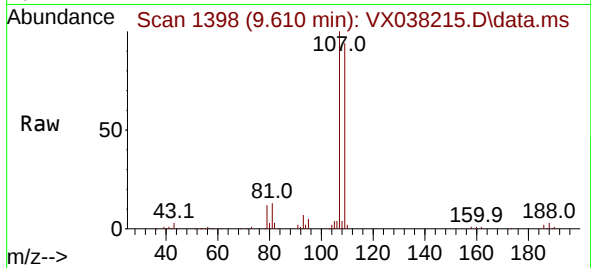
#61
1,2-Dibromoethane
Concen: 53.474 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 10193
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

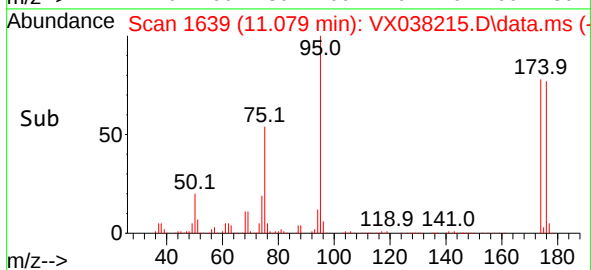
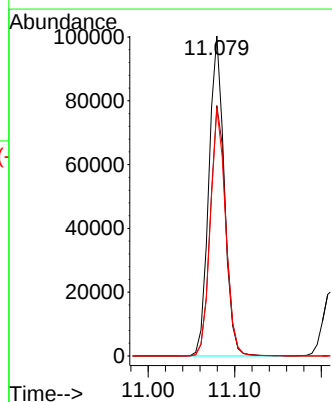
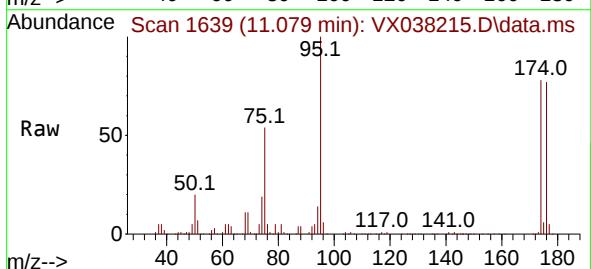
Manual Integrations
APPROVED

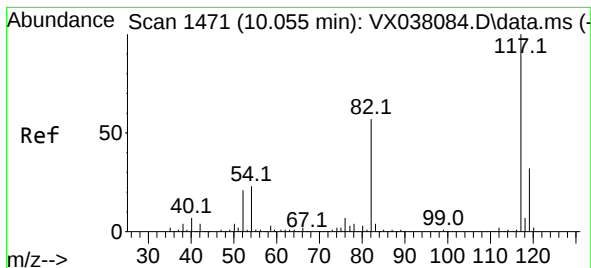
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 51.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

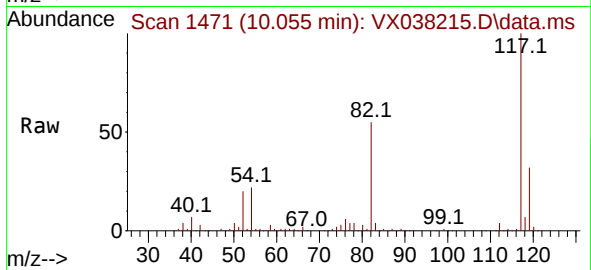
Tgt Ion: 95 Resp: 123407
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 76.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

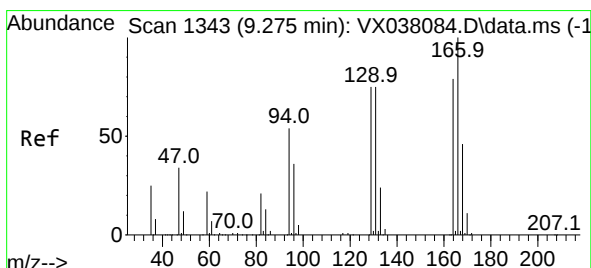
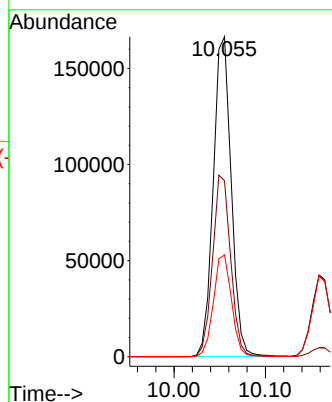
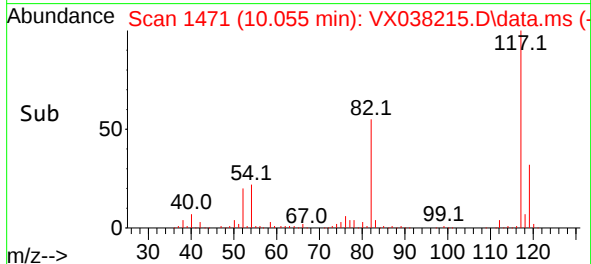
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 227619
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3

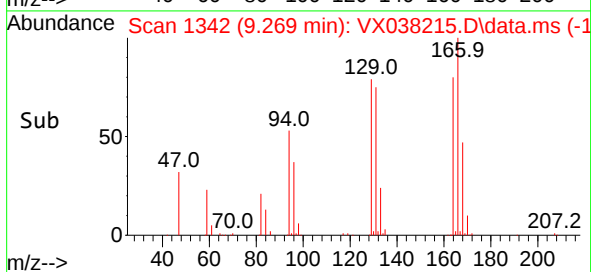
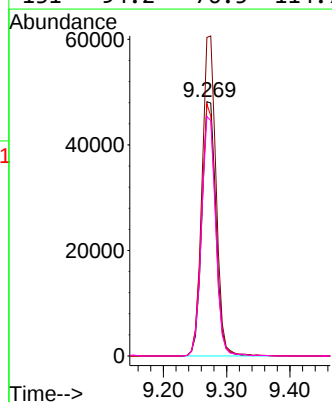
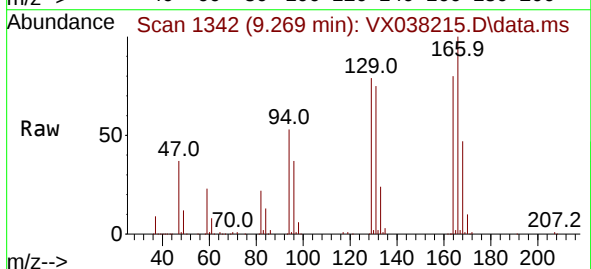
Manual Integrations
APPROVED

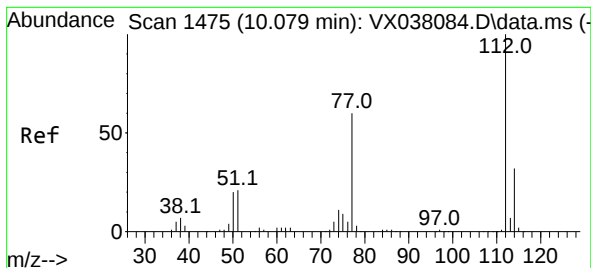
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 50.552 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:164 Resp: 74491
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 99.2 80.4 120.6
131 94.2 76.5 114.7





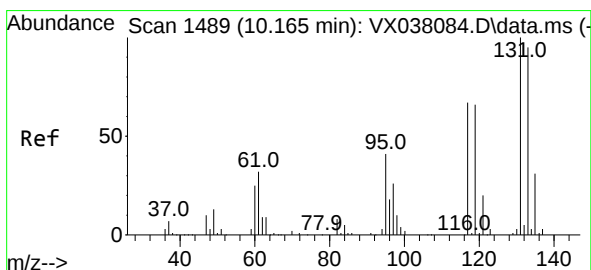
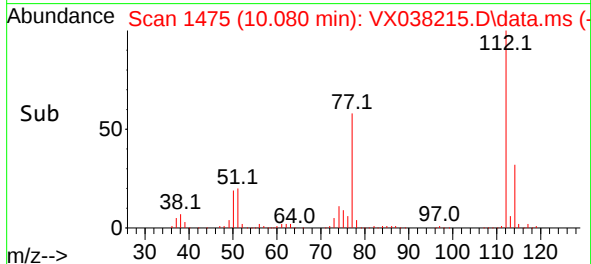
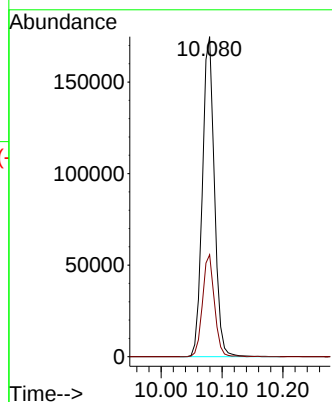
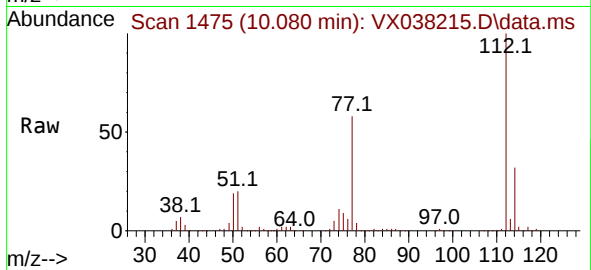
#65
Chlorobenzene
Concen: 50.211 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 239158
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

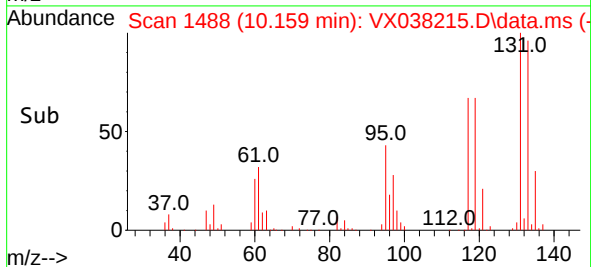
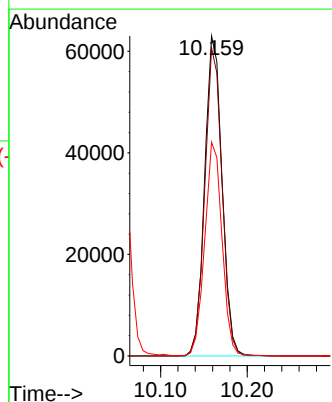
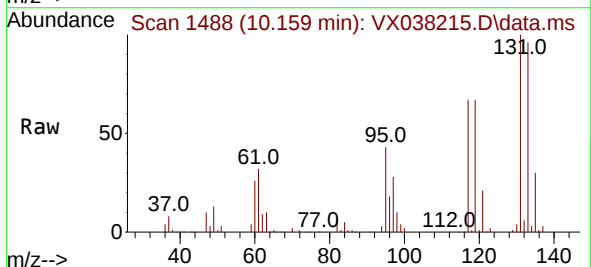
Manual Integrations
APPROVED

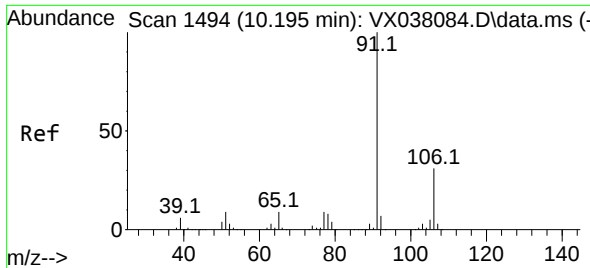
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.542 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

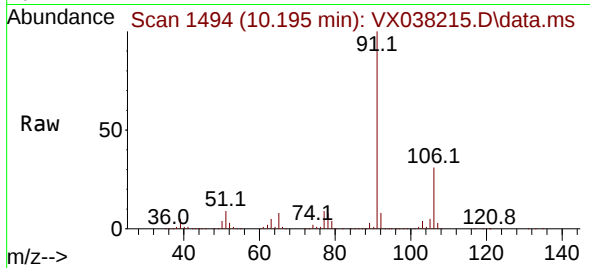
Tgt Ion:131 Resp: 87847
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 51.348 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

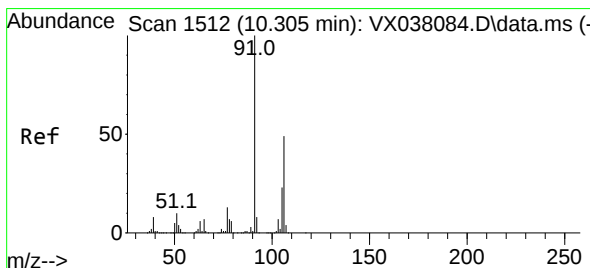
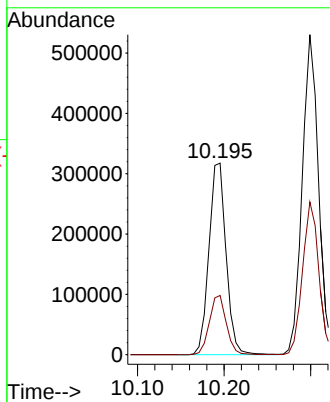
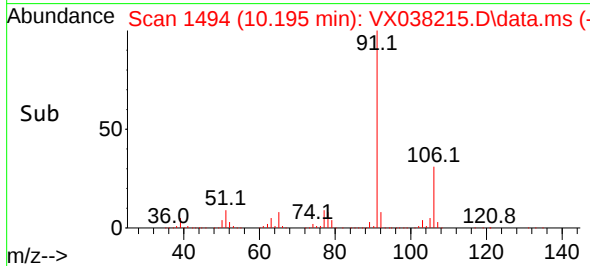
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 436563
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

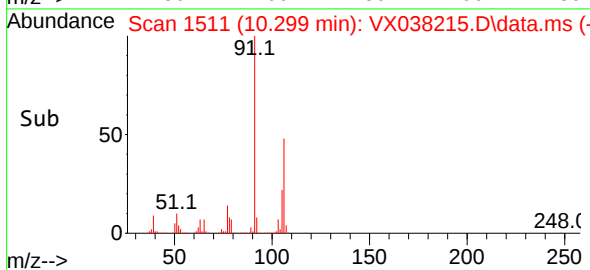
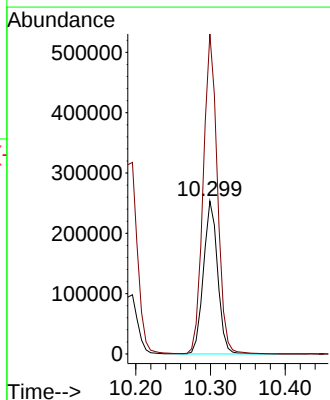
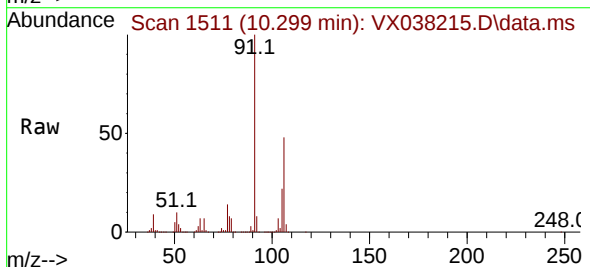
Manual Integrations
APPROVED

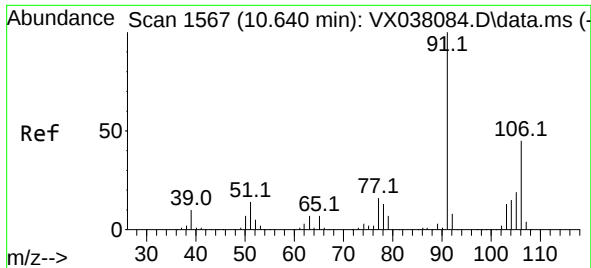
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#68
m/p-Xylenes
Concen: 101.492 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:106 Resp: 333648
Ion Ratio Lower Upper
106 100
91 208.6 165.5 248.3





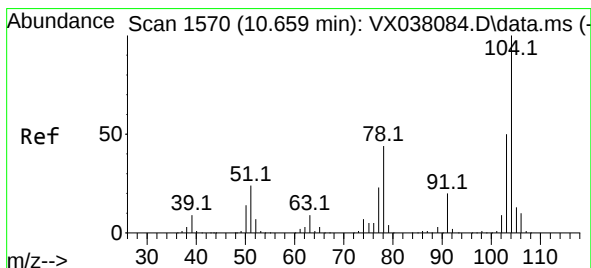
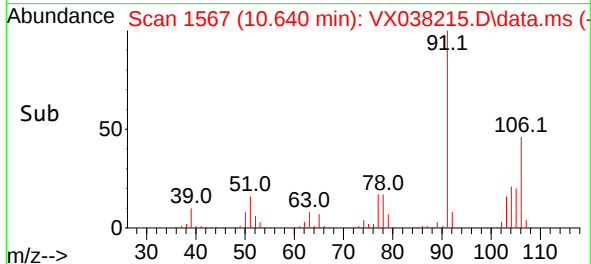
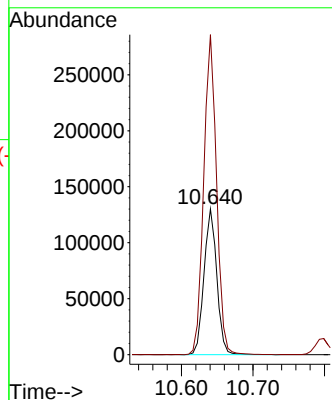
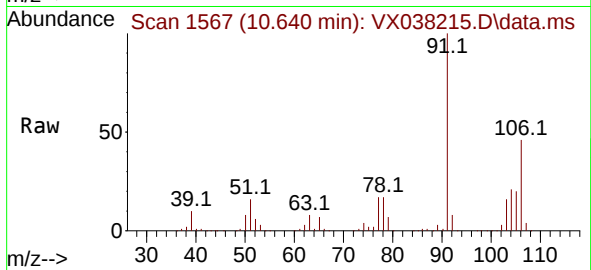
#69
o-Xylene
Concen: 50.450 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16186
Ion Ratio Lower Upper
106 100
91 220.3 108.9 326.8

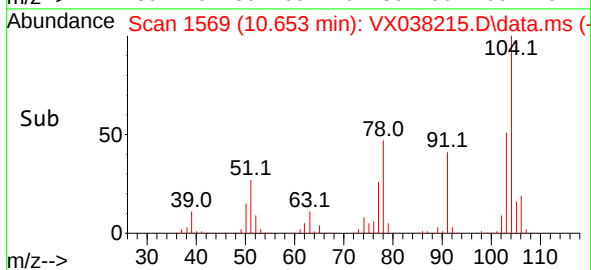
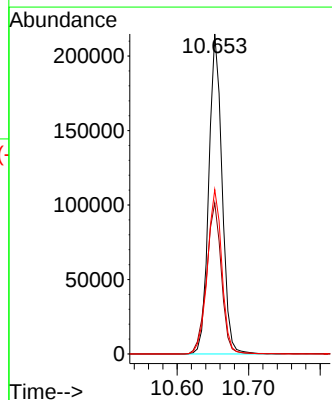
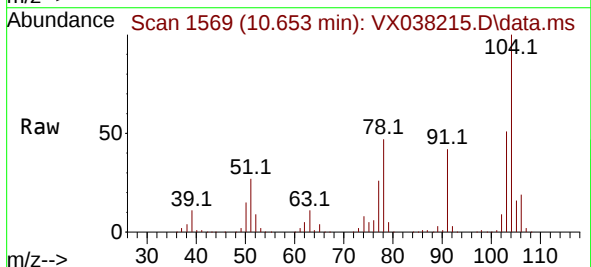
Manual Integrations
APPROVED

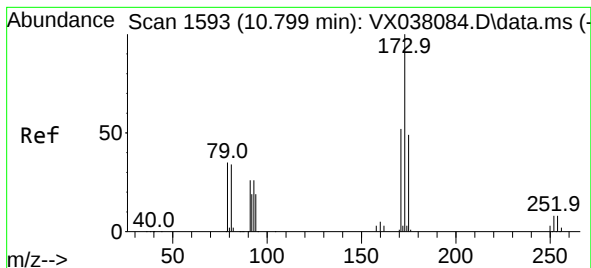
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 53.010 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:104 Resp: 276983
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 56.1 43.6 65.4





#71

Bromoform

Concen: 50.209 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

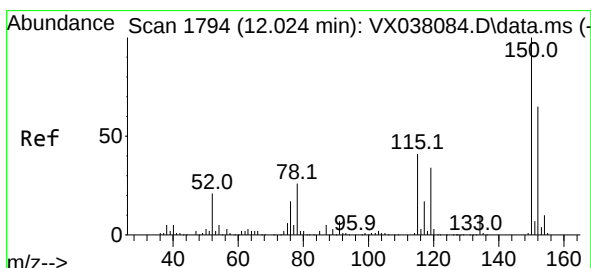
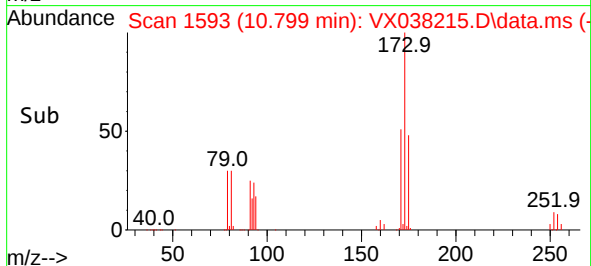
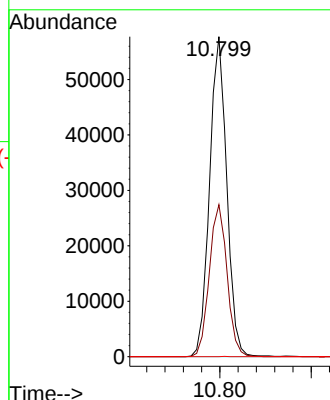
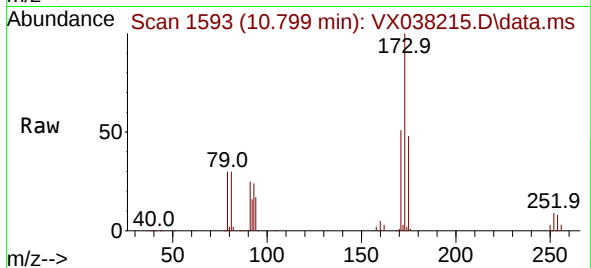
Tgt Ion:	173	Resp:	75039
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

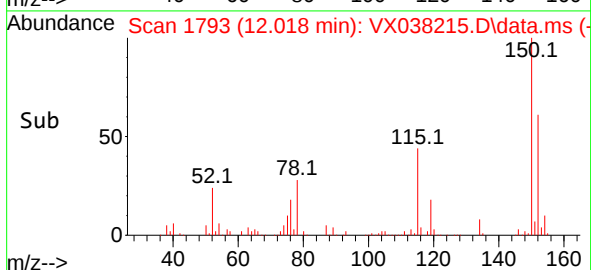
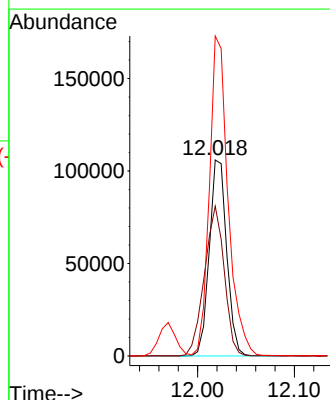
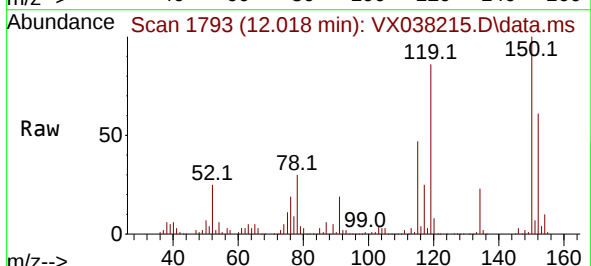
RT: 12.018 min Scan# 1793

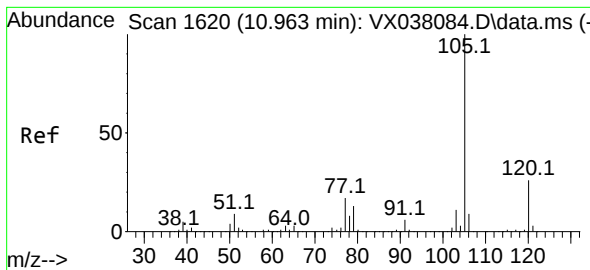
Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion:	152	Resp:	132817
Ion Ratio	Lower	Upper	
152	100		
115	86.8	43.3	129.9
150	174.5	0.0	345.0





#73

Isopropylbenzene

Concen: 49.554 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 44138

Ion Ratio Lower Upper

105 100

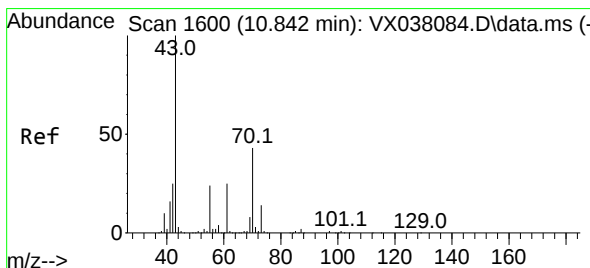
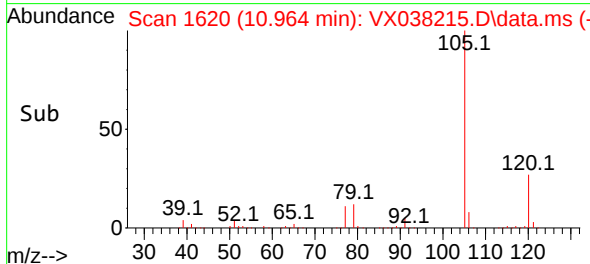
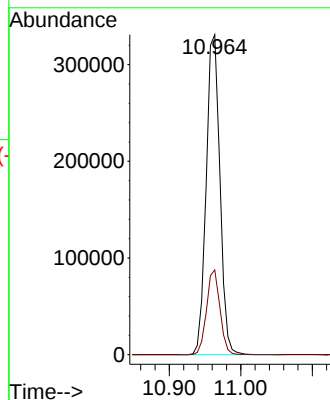
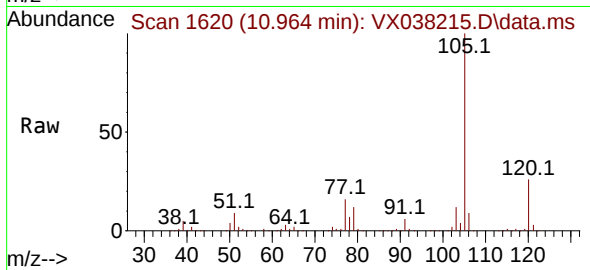
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#74

N-ethyl acetate

Concen: 50.923 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion: 43 Resp: 193693

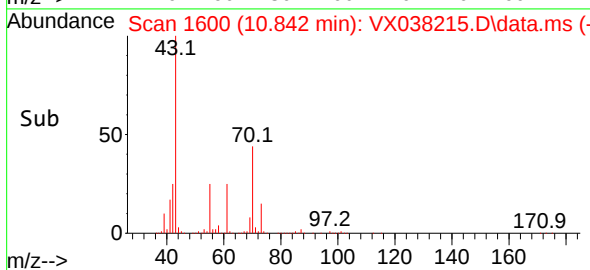
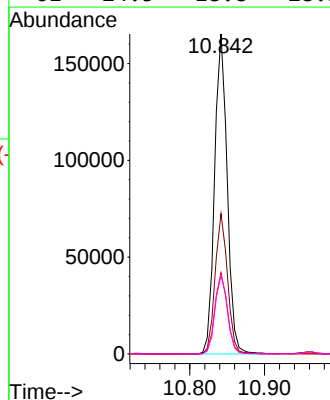
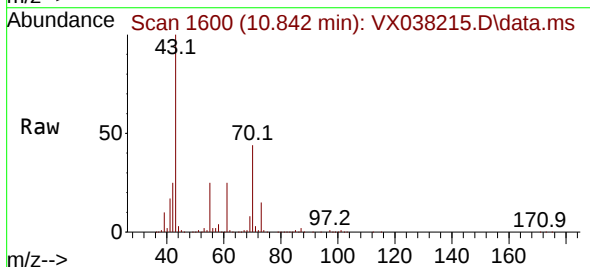
Ion Ratio Lower Upper

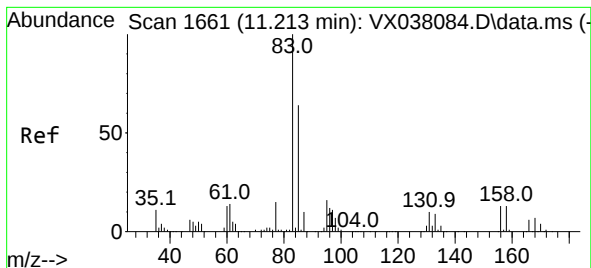
43 100

70 43.5 32.9 49.3

55 25.3 19.3 28.9

61 24.5 18.8 28.2





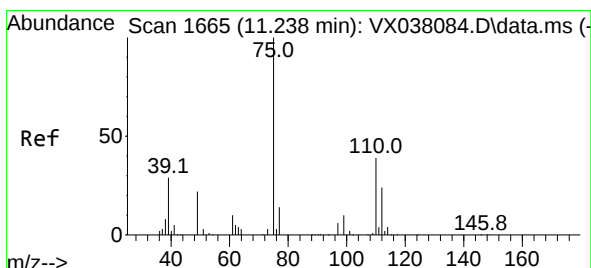
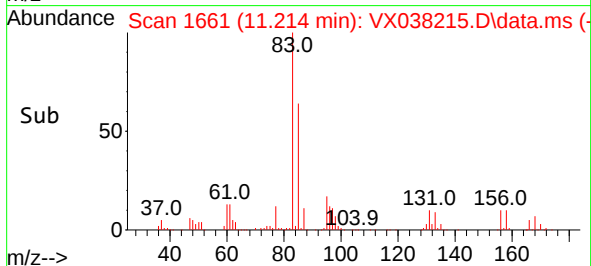
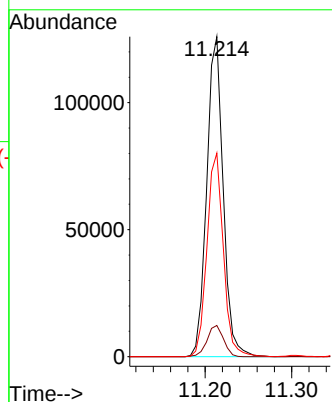
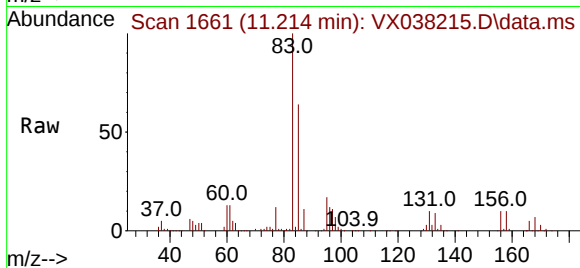
#75
1,1,2,2-Tetrachloroethane
Concen: 50.790 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 166000
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 63.5 32.0 96.2

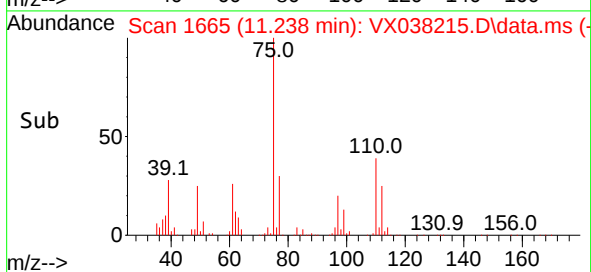
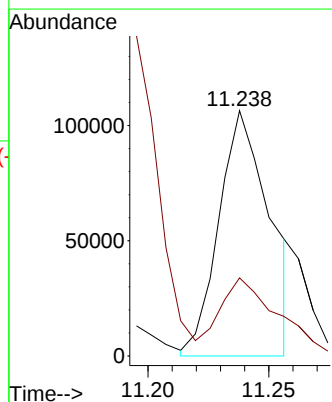
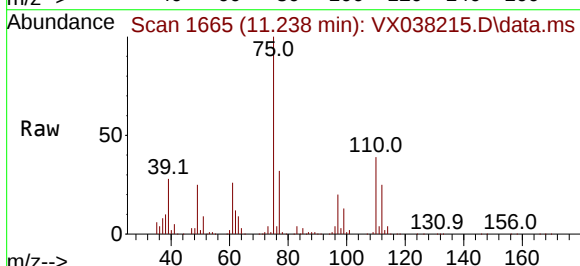
Manual Integrations
APPROVED

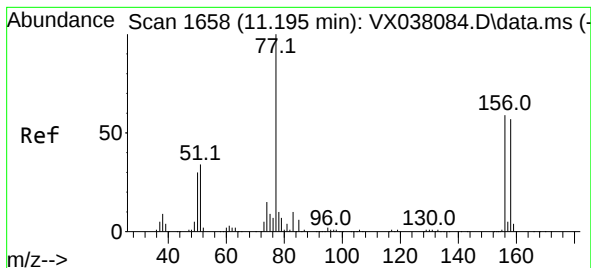
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#76
1,2,3-Trichloropropane
Concen: 51.357 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 75 Resp: 155068
Ion Ratio Lower Upper
75 100
77 37.0 19.1 57.5





#77

Bromobenzene

Concen: 48.848 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

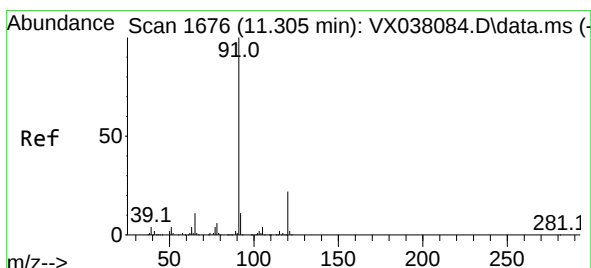
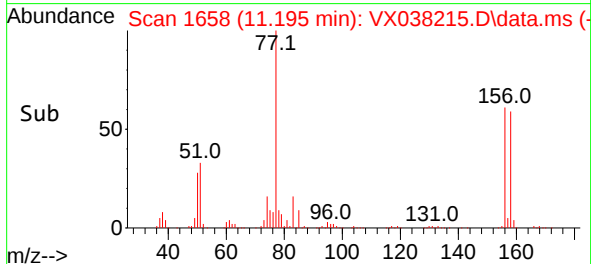
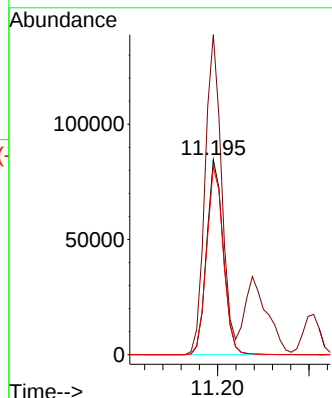
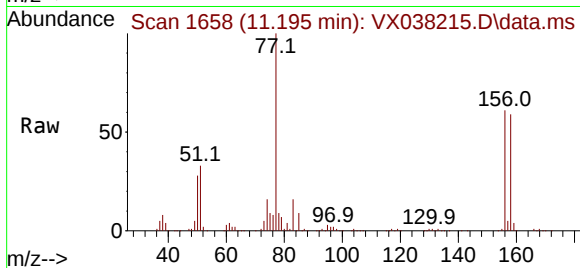
Tgt Ion:156 Resp: 106225
 Ion Ratio Lower Upper
 156 100
 77 164.1 88.4 265.3
 158 97.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 49.876 ug/l

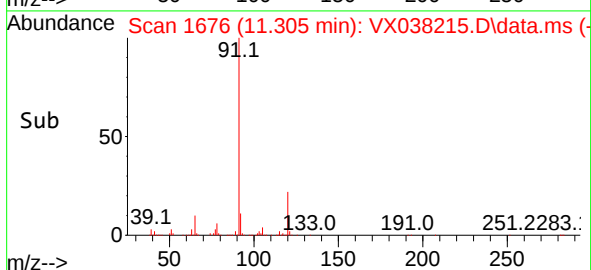
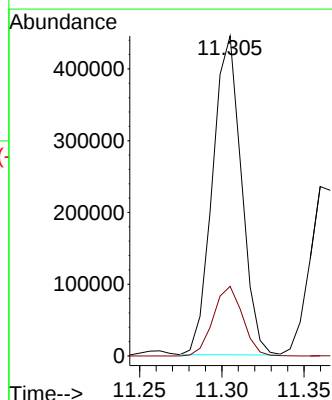
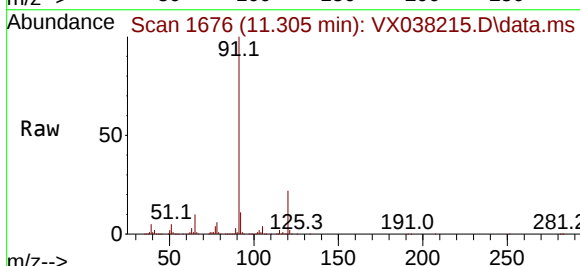
RT: 11.305 min Scan# 1676

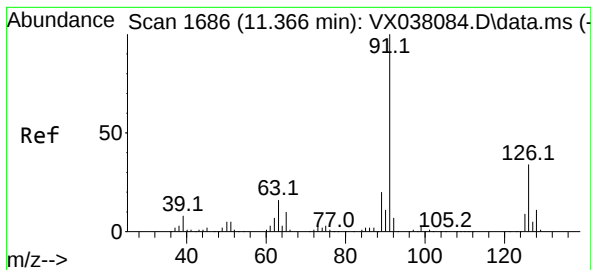
Delta R.T. -0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Tgt Ion: 91 Resp: 543200
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





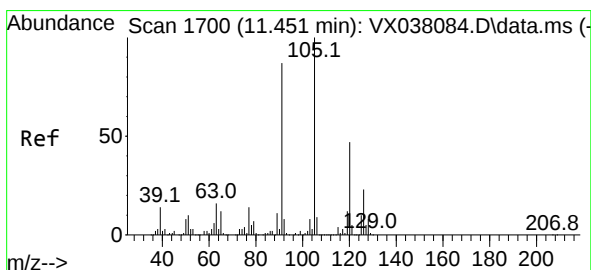
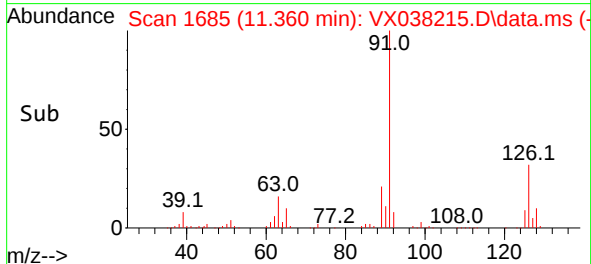
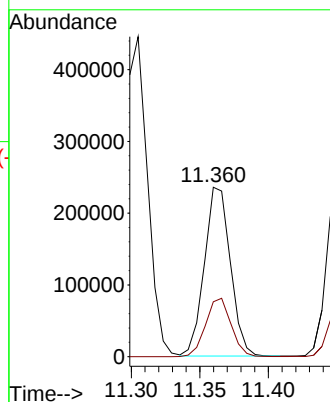
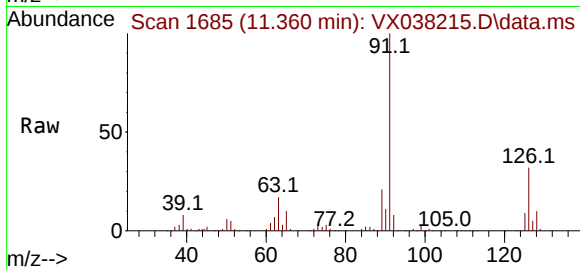
#79
2-Chlorotoluene
Concen: 48.081 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 310550
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

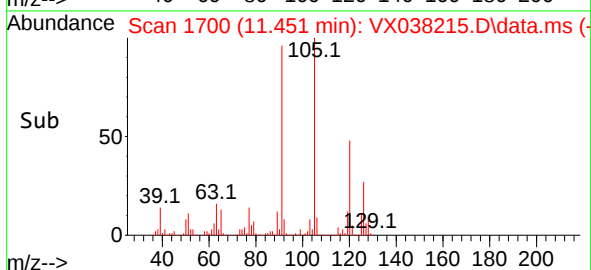
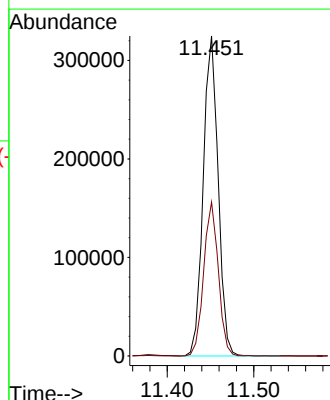
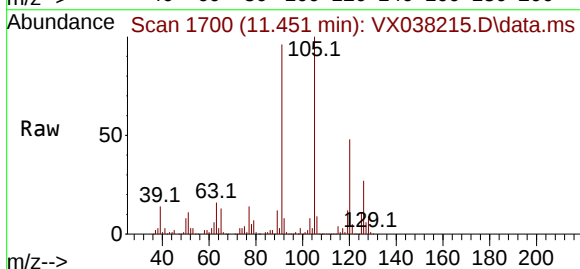
Manual Integrations
APPROVED

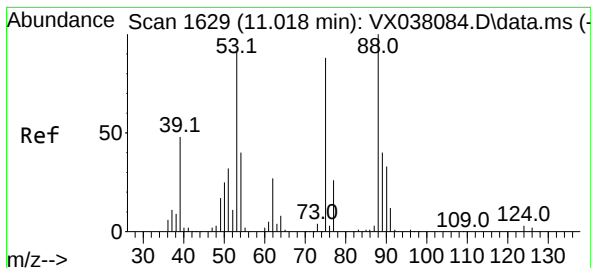
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.507 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion:105 Resp: 388124
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





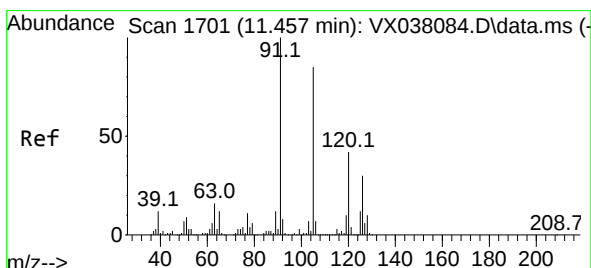
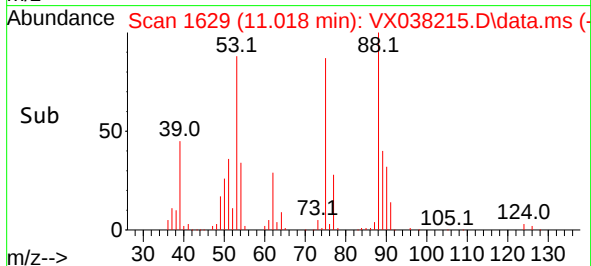
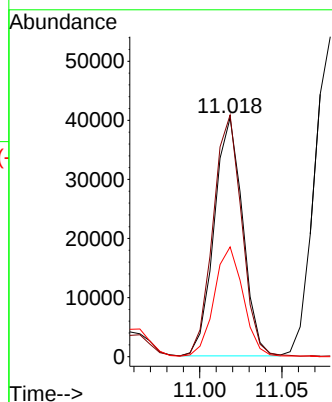
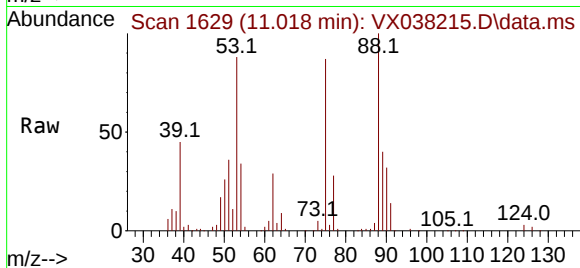
#81
trans-1,4-Dichloro-2-butene
Concen: 47.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4862
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 47.2 36.9 55.3

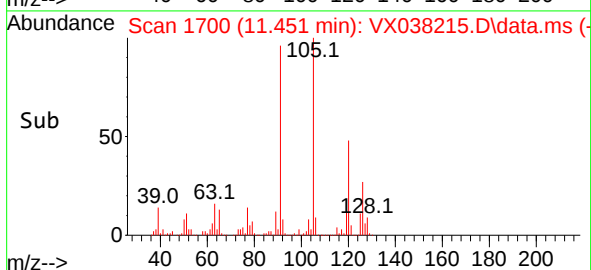
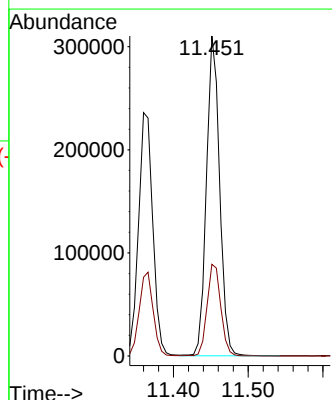
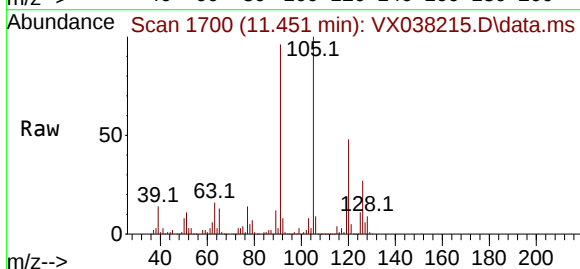
Manual Integrations
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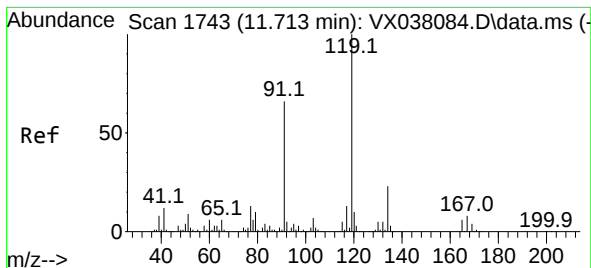
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 49.621 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Tgt Ion: 91 Resp: 379260
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.421 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 378598

Ion Ratio Lower Upper

119 100

91 60.2 31.2 93.6

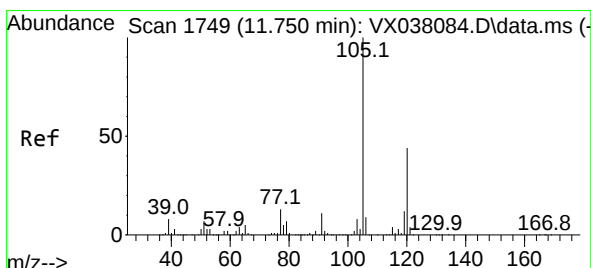
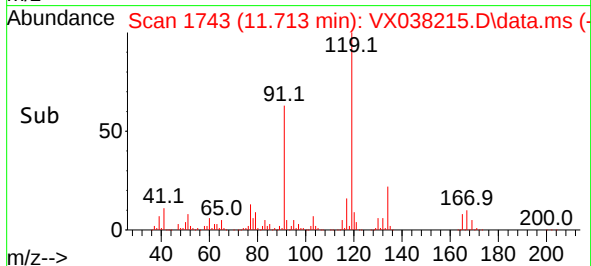
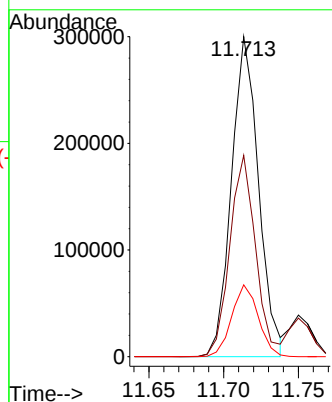
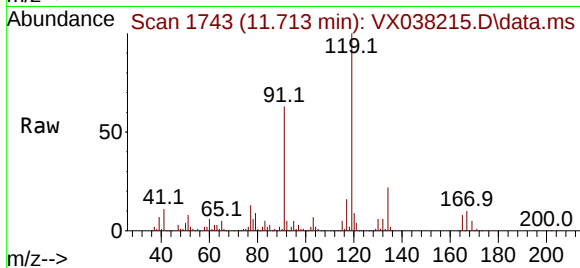
134 22.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.190 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038215.D

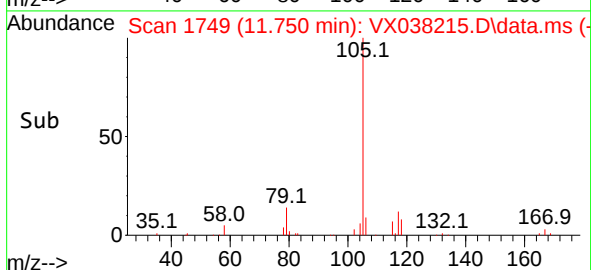
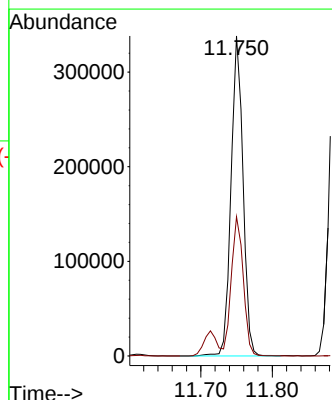
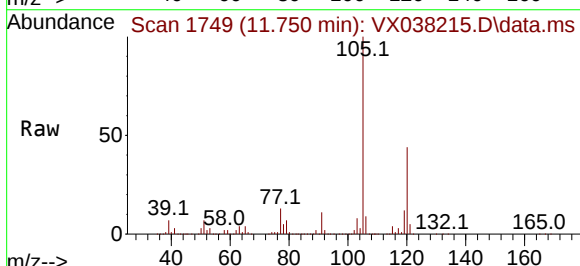
Acq: 11 Oct 2023 09:20

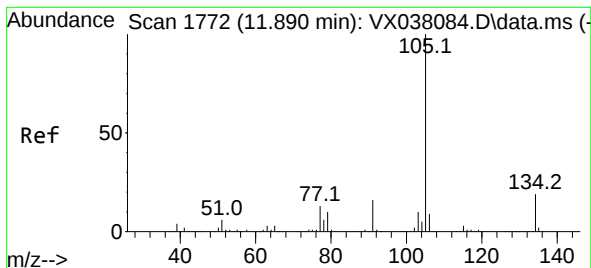
Tgt Ion:105 Resp: 392213

Ion Ratio Lower Upper

105 100

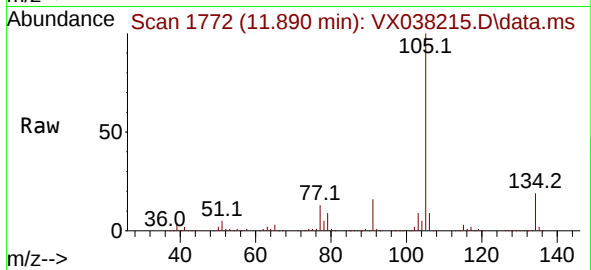
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.462 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20

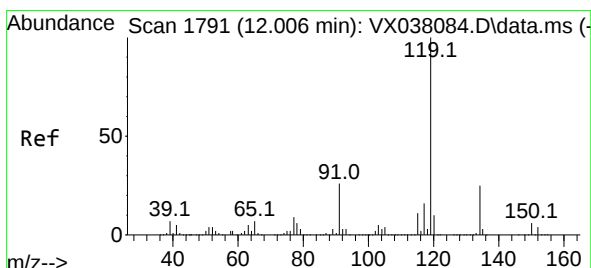
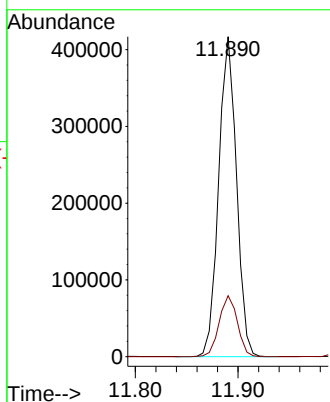
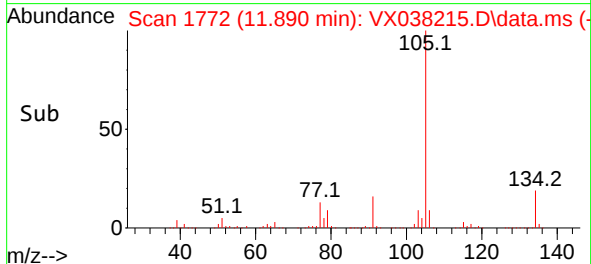
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



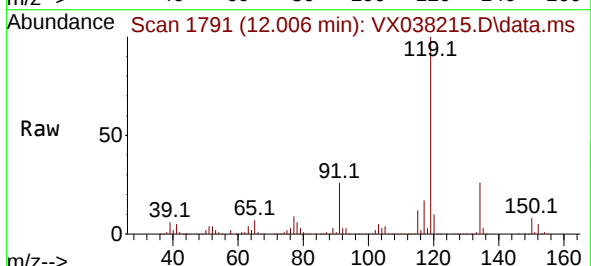
Tgt Ion:105 Resp: 500559
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
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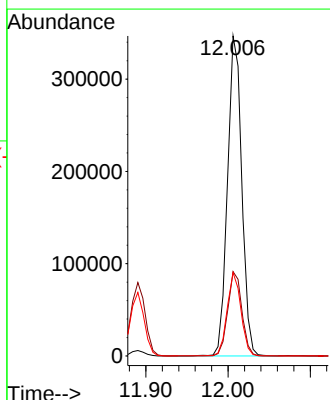
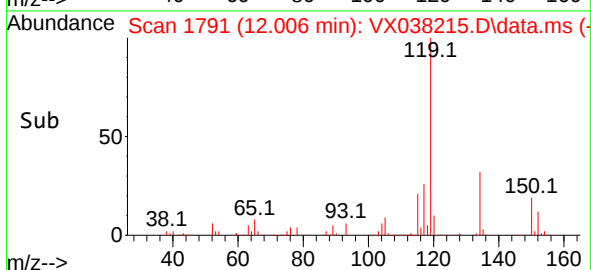
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

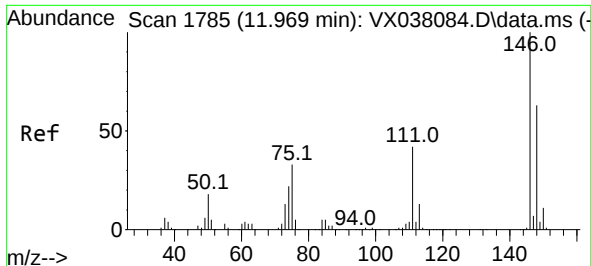


#86
 p-Isopropyltoluene
 Concen: 52.274 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038215.D
 Acq: 11 Oct 2023 09:20



Tgt Ion:119 Resp: 419501
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.211 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21494

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

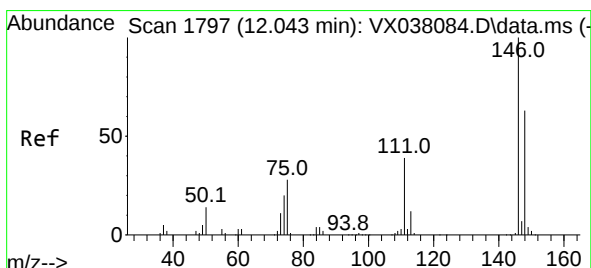
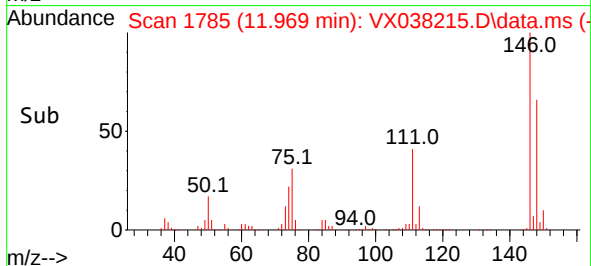
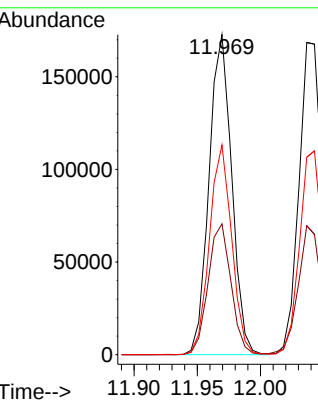
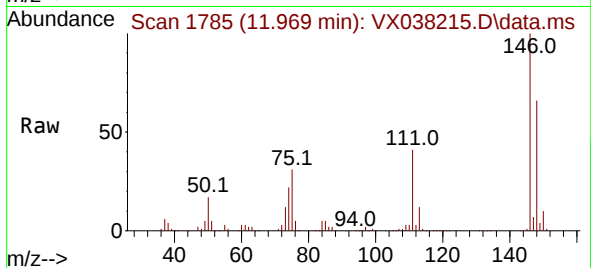
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#88

1,4-Dichlorobenzene

Concen: 49.024 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX038215.D

Acq: 11 Oct 2023 09:20

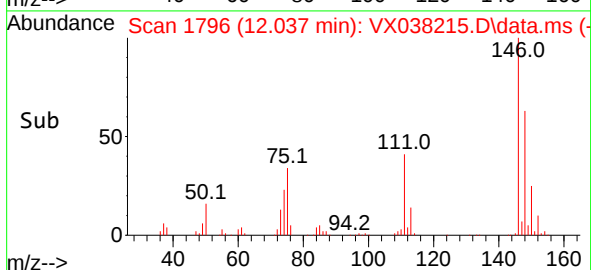
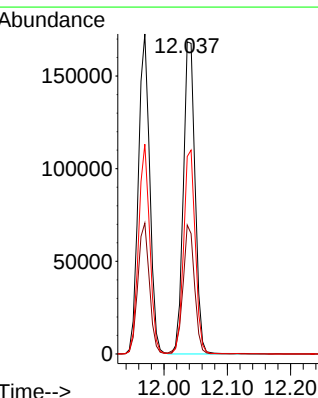
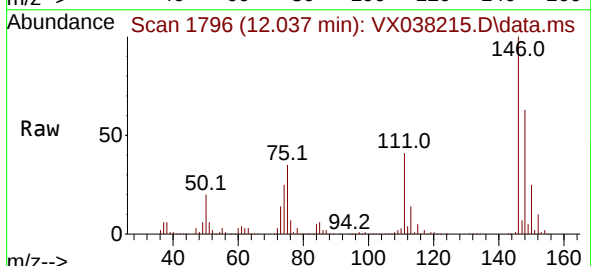
Tgt Ion:146 Resp: 218605

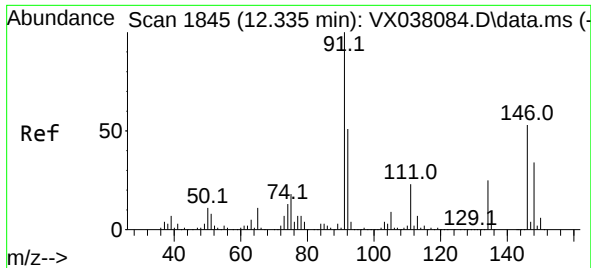
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

148 64.4 31.8 95.4





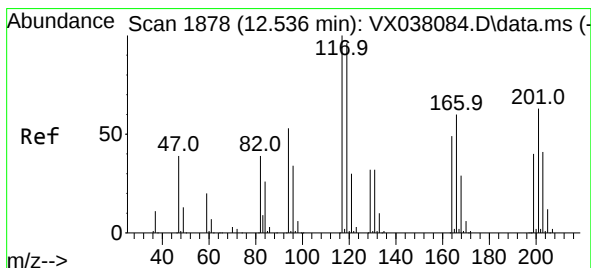
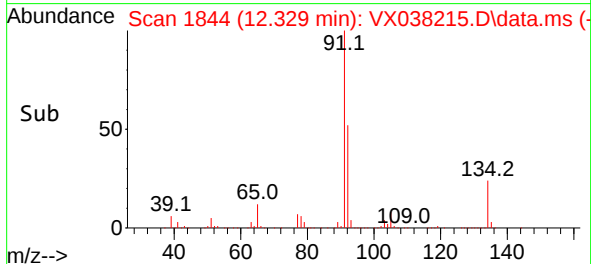
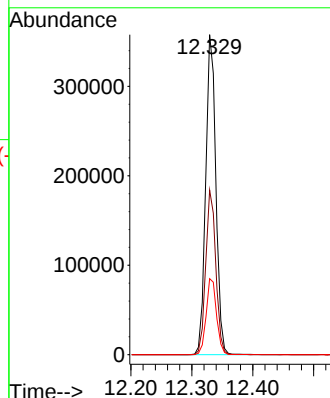
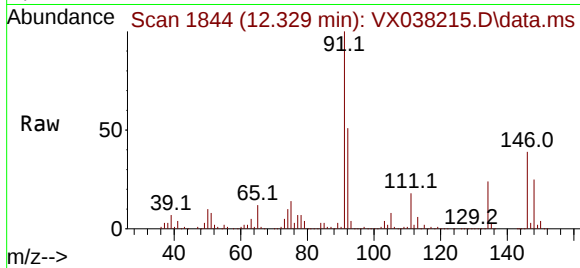
#89
n-Butylbenzene
Concen: 52.060 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 416074
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 24.3 12.6 37.8

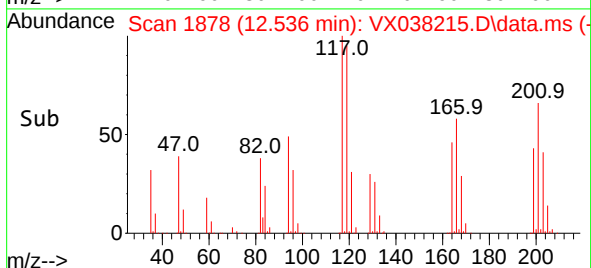
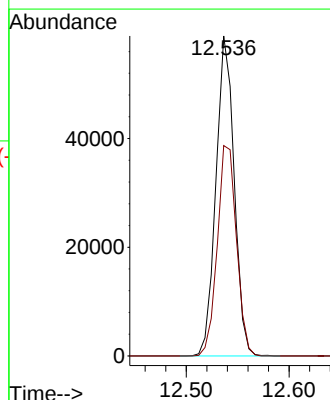
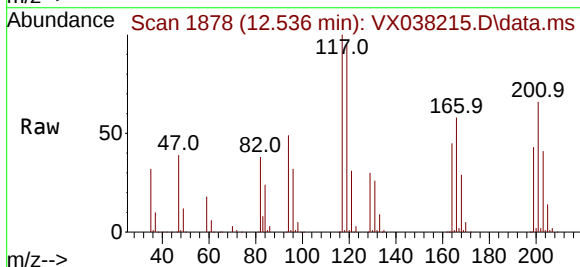
Manual Integrations
APPROVED

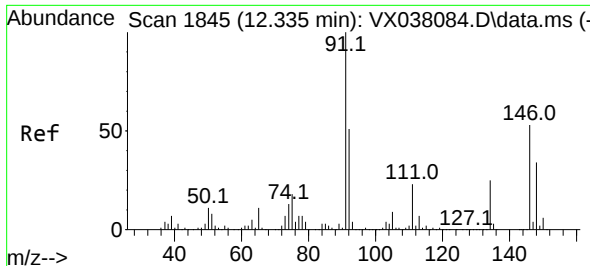
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#90
Hexachloroethane
Concen: 54.402 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

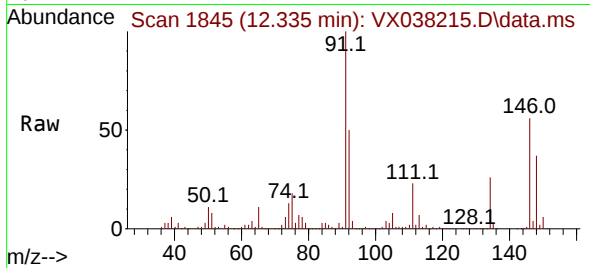
Tgt Ion:117 Resp: 72385
Ion Ratio Lower Upper
117 100
201 69.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.066 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

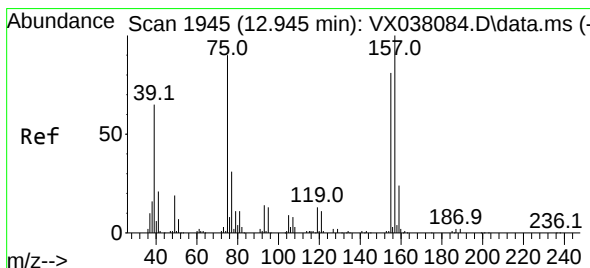
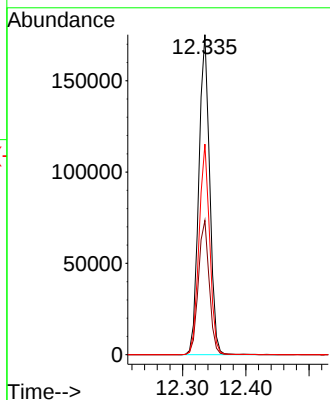
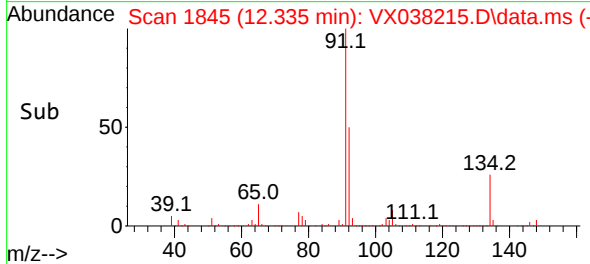
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 210200
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 64.6 31.6 95.0

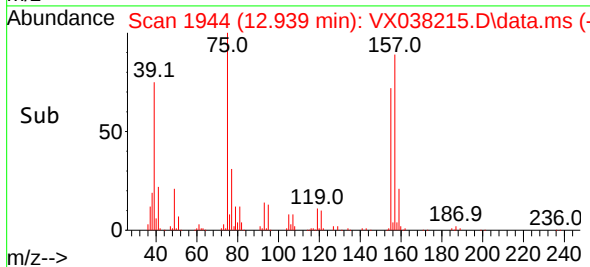
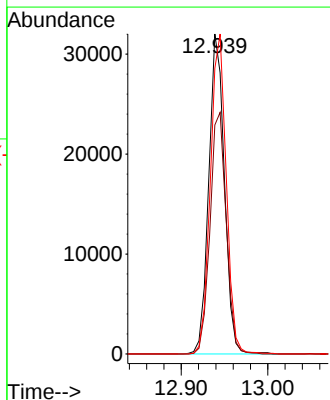
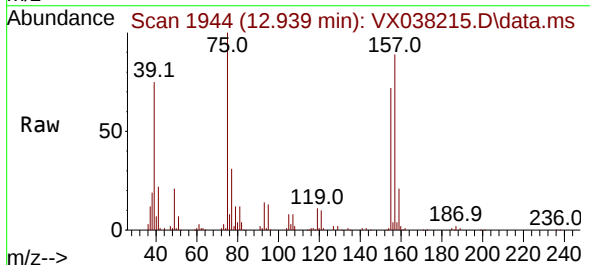
Manual Integrations
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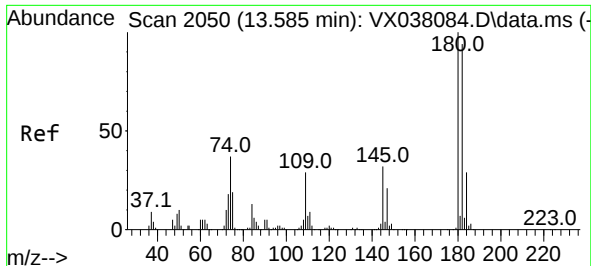
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.874 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

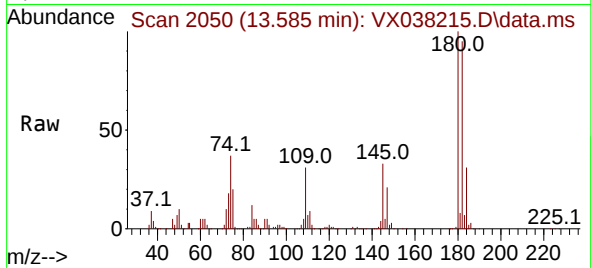
Tgt Ion: 75 Resp: 40202
Ion Ratio Lower Upper
75 100
155 78.1 36.1 108.5
157 101.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 48.504 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

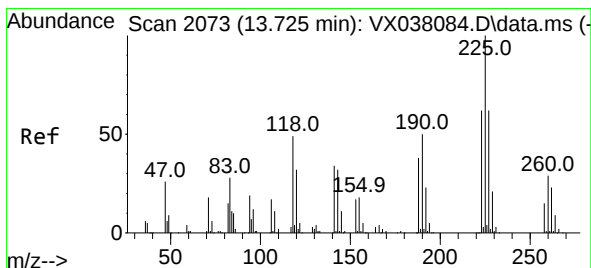
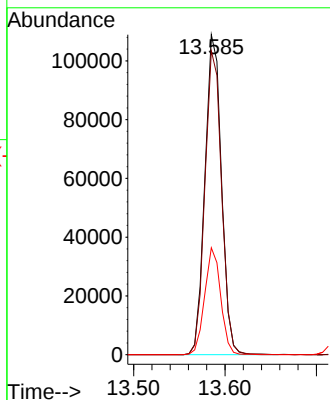
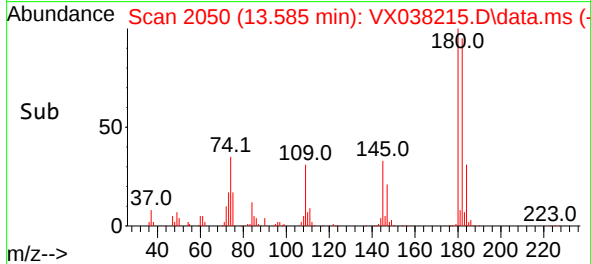
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



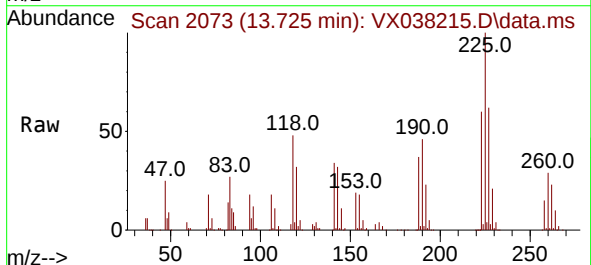
Tgt Ion:180 Resp: 136585
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.8
145 32.4 18.0 54.0

Manual Integrations
APPROVED

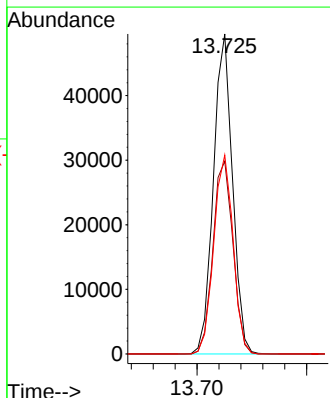
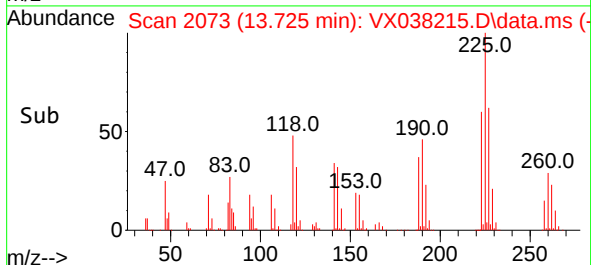
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

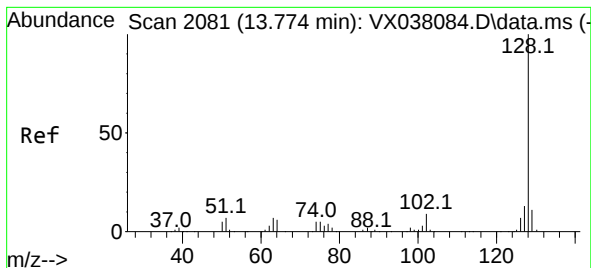


#94
Hexachlorobutadiene
Concen: 52.757 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20



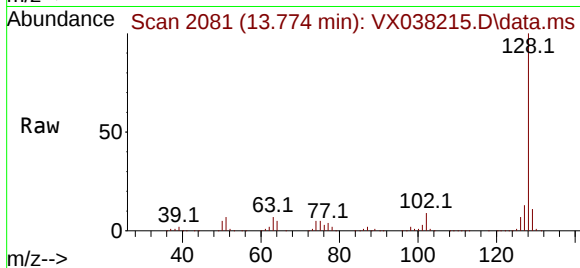
Tgt Ion:225 Resp: 59794
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 47.444 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20

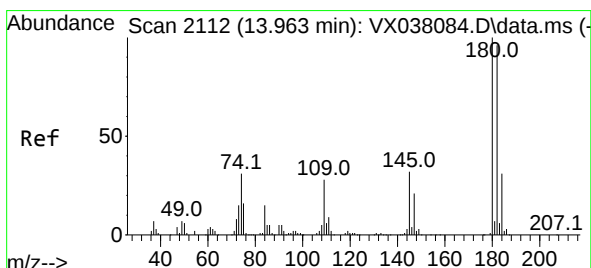
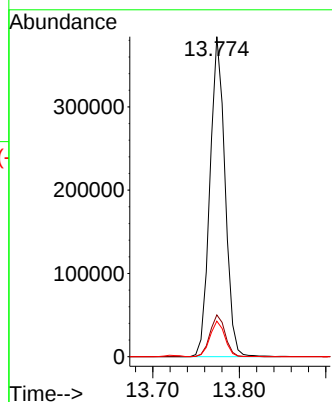
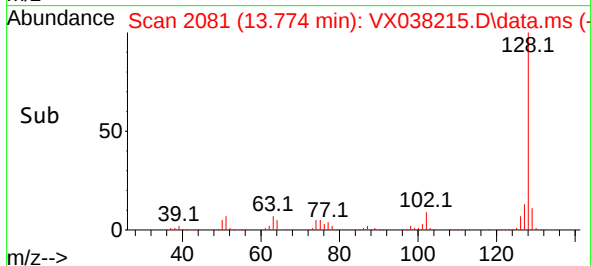
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



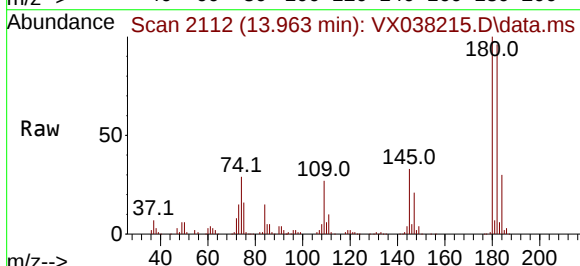
Tgt Ion:128 Resp: 465262
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.601 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038215.D
Acq: 11 Oct 2023 09:20



Tgt Ion:180 Resp: 132514
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 34.3 17.8 53.5

