

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038218.D
 Acq On : 11 Oct 2023 10:50
 Operator : JC/MD
 Sample : VX1011WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 02:39:49 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	5.550	168	116830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100379	53.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.840%			
35) Dibromofluoromethane	5.385	113	77142	53.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.640%			
50) Toluene-d8	8.647	98	290916	53.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.240%			
62) 4-Bromofluorobenzene	11.079	95	109241	52.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24563	21.781	ug/l	100
3) Chloromethane	1.301	50	23959	20.845	ug/l	100
4) Vinyl Chloride	1.374	62	27479	21.563	ug/l	94
5) Bromomethane	1.605	94	30943	17.941	ug/l	99
6) Chloroethane	1.685	64	22251	24.285	ug/l	97
7) Trichlorofluoromethane	1.886	101	58984	23.433	ug/l	97
8) Diethyl Ether	2.136	74	20870	22.231	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	24092	21.924	ug/l	98
10) Methyl Iodide	2.453	142	33014	20.881	ug/l	95
11) Tert butyl alcohol	2.953	59	41973	94.277	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	22228	20.795	ug/l	91
13) Acrolein	2.233	56	50454	188.868	ug/l	99
14) Allyl chloride	2.666	41	37611	19.672	ug/l	93
15) Acrylonitrile	3.062	53	90466	105.789	ug/l	99
16) Acetone	2.380	43	89745	114.433	ug/l	95
17) Carbon Disulfide	2.514	76	55881	18.139	ug/l	97
18) Methyl Acetate	2.703	43	73260	21.783	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	86818	20.394	ug/l	98
20) Methylene Chloride	2.788	84	29792	20.196	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	26608	20.105	ug/l	92
22) Diisopropyl ether	3.757	45	81369	20.307	ug/l	95
23) Vinyl Acetate	3.721	43	300331	102.204	ug/l	96
24) 1,1-Dichloroethane	3.611	63	50183	20.636	ug/l	100
25) 2-Butanone	4.556	43	135083	106.753	ug/l	91
26) 2,2-Dichloropropane	4.477	77	38750	20.410	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33130	21.019	ug/l	91
28) Bromochloromethane	4.897	49	22634	20.618	ug/l	85
29) Tetrahydrofuran	5.007	42	83974	101.930	ug/l	89
30) Chloroform	5.093	83	56097	21.095	ug/l	96
31) Cyclohexane	5.471	56	40001	19.648	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	47386	20.804	ug/l	100
36) 1,1-Dichloropropene	5.696	75	39784	20.129	ug/l	99
37) Ethyl Acetate	4.715	43	48636	20.720	ug/l	98
38) Carbon Tetrachloride	5.678	117	39603	20.368	ug/l	97
39) Methylcyclohexane	7.385	83	46119	19.921	ug/l	93
40) Benzene	6.037	78	116141	21.009	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23639	20.244	ug/l #	84
42) 1,2-Dichloroethane	6.092	62	46091	20.868	ug/l	100
43) Isopropyl Acetate	6.342	43	72175	20.597	ug/l	98
44) Trichloroethene	7.129	130	31156	21.548	ug/l	100
45) 1,2-Dichloropropane	7.428	63	29233	20.432	ug/l	92
46) Dibromomethane	7.580	93	23661	21.322	ug/l	98
47) Bromodichloromethane	7.824	83	43030	21.797	ug/l	98
48) Methyl methacrylate	7.696	41	34371	20.547	ug/l #	83
49) 1,4-Dioxane	7.659	88	17758	430.787	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	259447	107.341	ug/l	97
52) Toluene	8.720	92	76974	21.376	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	42032	19.836	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45663	20.511	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	33059	21.463	ug/l	97
56) Ethyl methacrylate	9.116	69	47957	20.307	ug/l	93
57) 1,3-Dichloropropane	9.305	76	52677	21.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	125802	108.525	ug/l	99
59) 2-Hexanone	9.427	43	214931	110.612	ug/l	97
60) Dibromochloromethane	9.519	129	32942	21.853	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35252	21.164	ug/l	99
64) Tetrachloroethene	9.275	164	25982	20.767	ug/l	97
65) Chlorobenzene	10.079	112	84605	20.920	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	29554	21.611	ug/l	98
67) Ethyl Benzene	10.195	91	150646	20.869	ug/l	100
68) m/p-Xylenes	10.299	106	116997	41.916	ug/l	100
69) o-Xylene	10.640	106	56276	20.657	ug/l	100
70) Styrene	10.653	104	94740	21.355	ug/l	97
71) Bromoform	10.799	173	23295	20.174	ug/l #	99
73) Isopropylbenzene	10.963	105	151788	20.938	ug/l	99
74) N-amyl acetate	10.842	43	62146	20.074	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57936	21.779	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52007m	21.163	ug/l	
77) Bromobenzene	11.195	156	37374	21.117	ug/l	91
78) n-propylbenzene	11.305	91	183300	20.679	ug/l	99
79) 2-Chlorotoluene	11.366	91	107568	20.462	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	128661	20.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13684	18.981	ug/l	98
82) 4-Chlorotoluene	11.451	91	127639	20.518	ug/l	99
83) tert-Butylbenzene	11.713	119	126933	20.770	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	130246	20.886	ug/l	99
85) sec-Butylbenzene	11.890	105	165416	20.895	ug/l	100
86) p-Isopropyltoluene	12.006	119	136630	20.919	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71802	20.198	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	74695	20.581	ug/l	99
89) n-Butylbenzene	12.335	91	129580	19.921	ug/l	97
90) Hexachloroethane	12.536	117	22515	20.791	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	70697	20.689	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13408	20.847	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	46713	20.382	ug/l	97
94) Hexachlorobutadiene	13.725	225	19692	21.347	ug/l	98
95) Naphthalene	13.774	128	154854	19.402	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45474	20.492	ug/l	98

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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

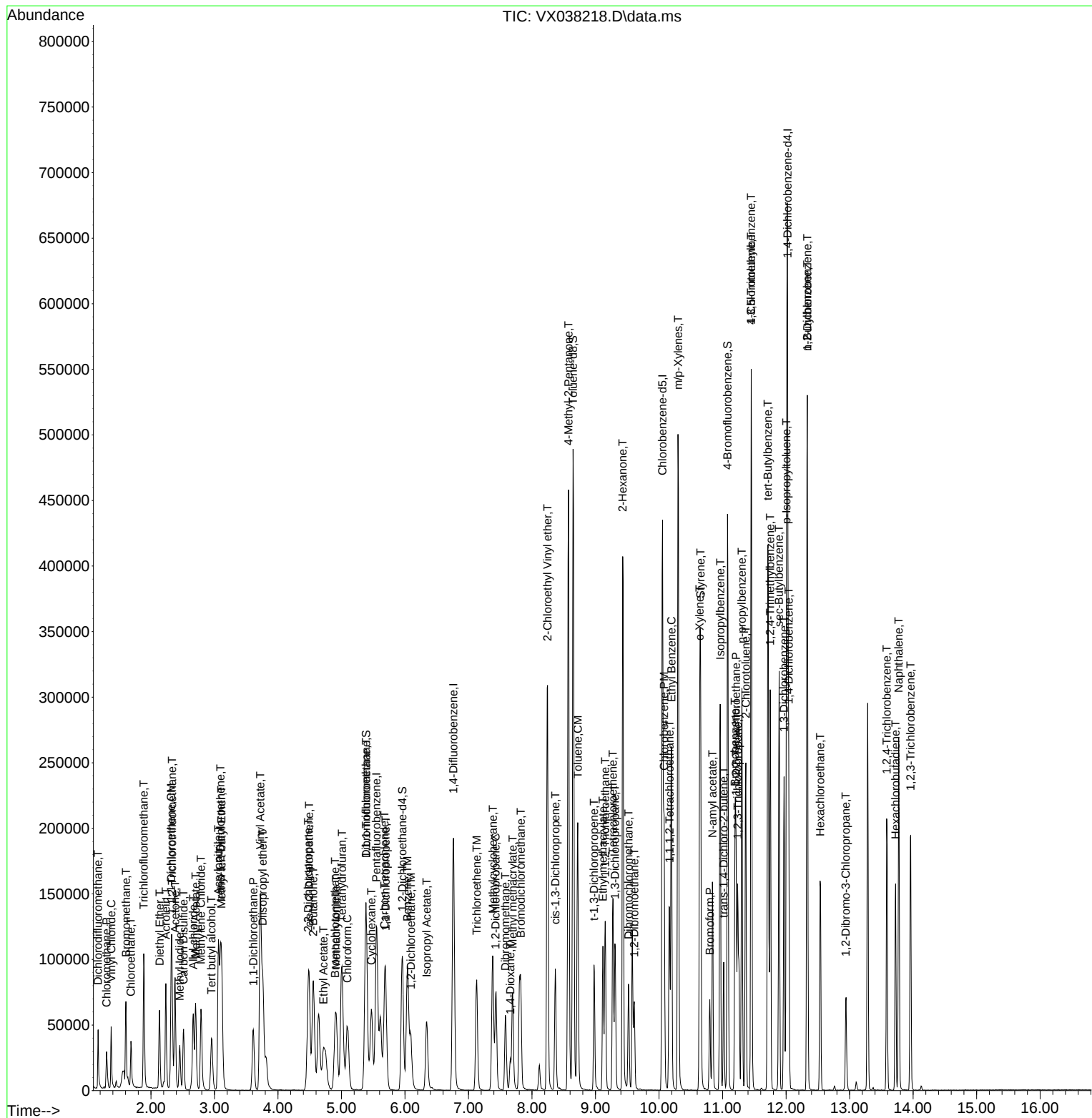
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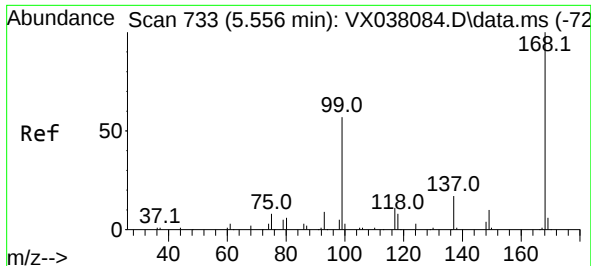
Instrument :
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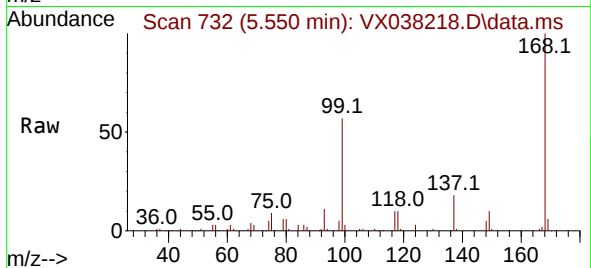
Reviewed By :John Carlone 10/12/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

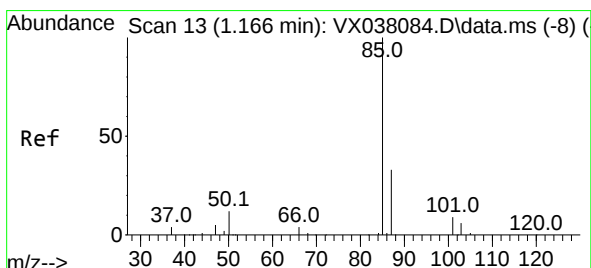
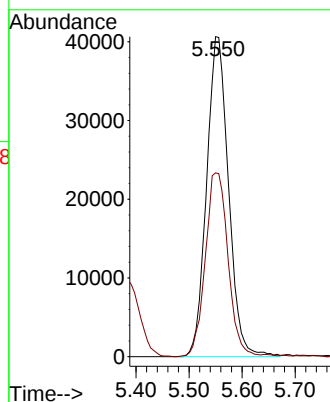
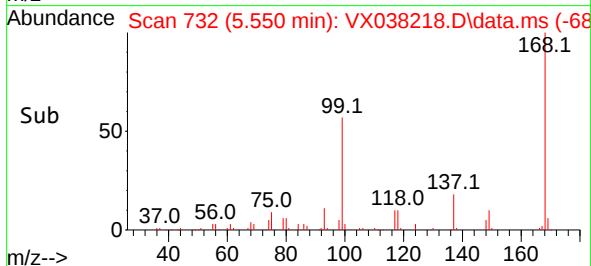
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion:168 Resp: 116830
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0

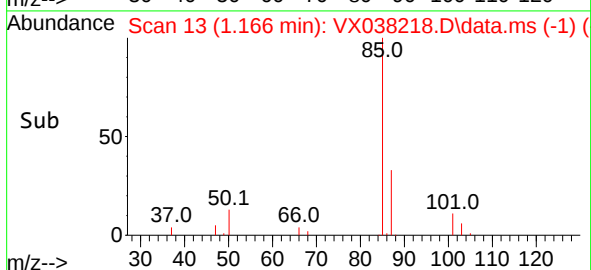
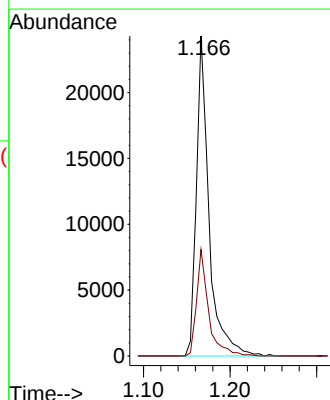
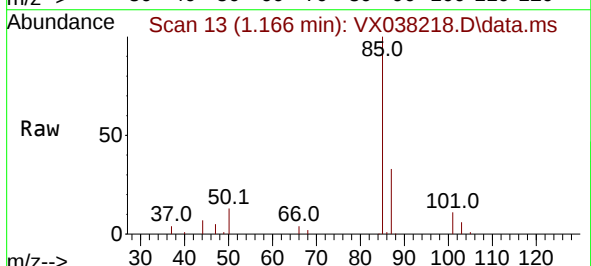
Manual Integrations
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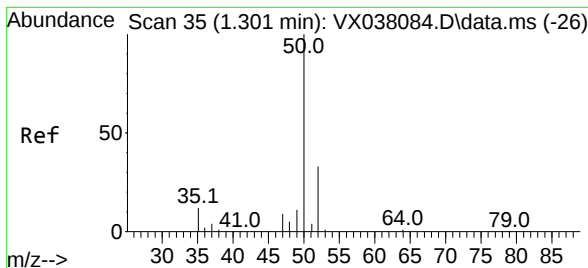
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 21.781 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

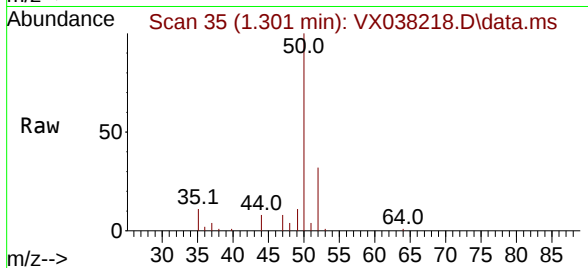
Tgt Ion: 85 Resp: 24563
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





#3
Chloromethane
Concen: 20.845 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

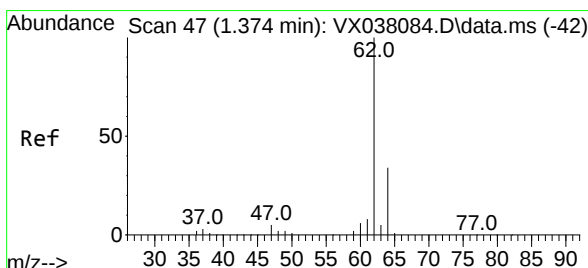
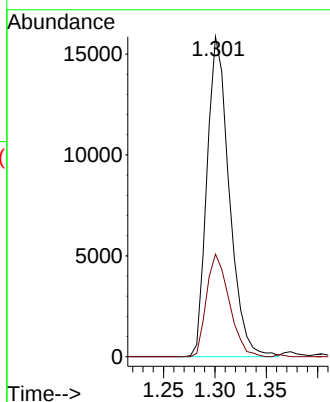
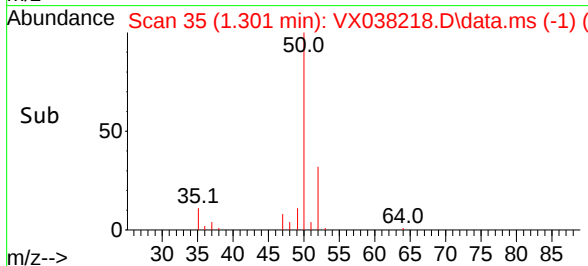
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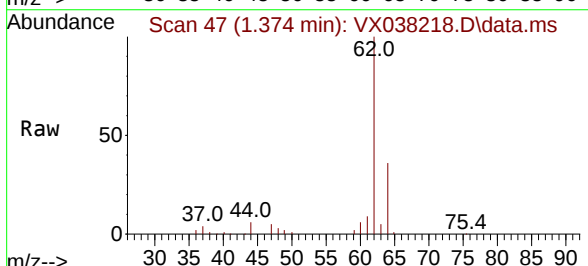
Tgt Ion: 50 Resp: 2395
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

Manual Integrations
APPROVED

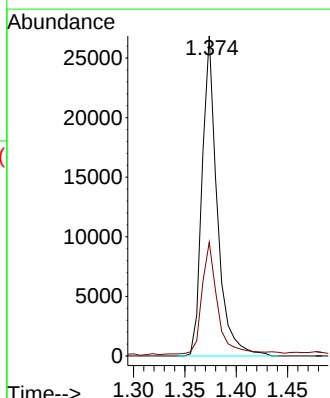
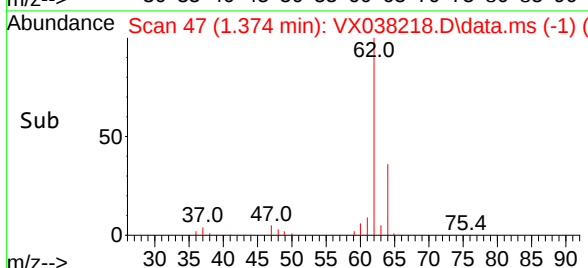
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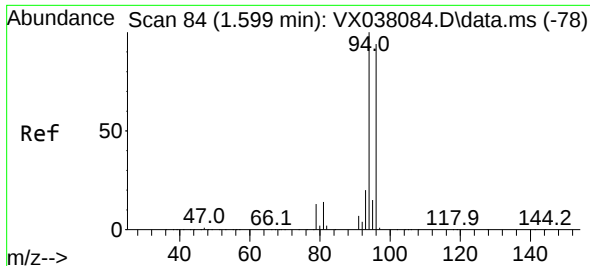


#4
Vinyl Chloride
Concen: 21.563 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



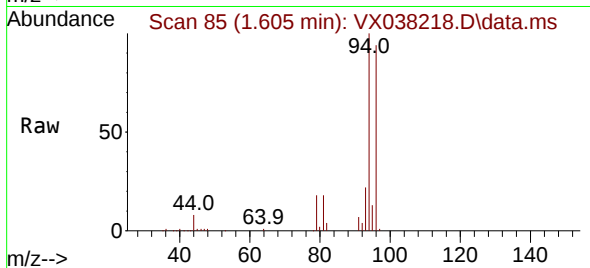
Tgt Ion: 62 Resp: 27479
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0





#5
Bromomethane
Concen: 17.941 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

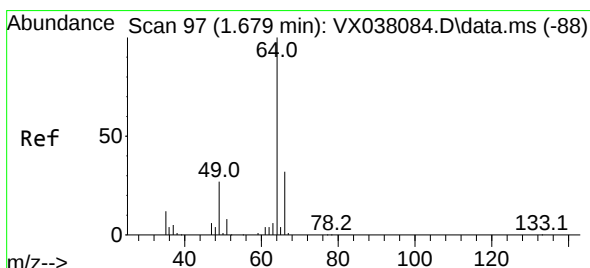
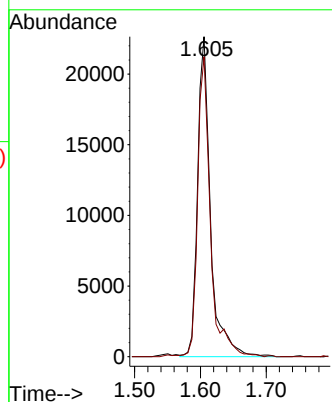
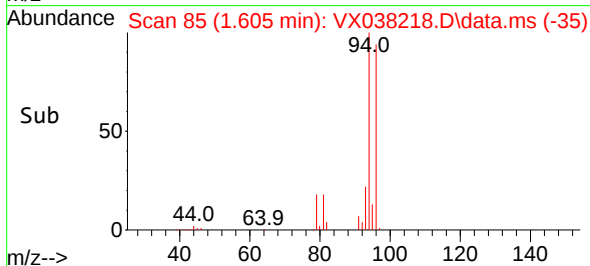
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Tgt Ion: 94 Resp: 3094
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

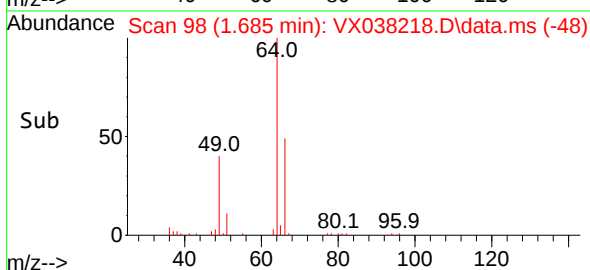
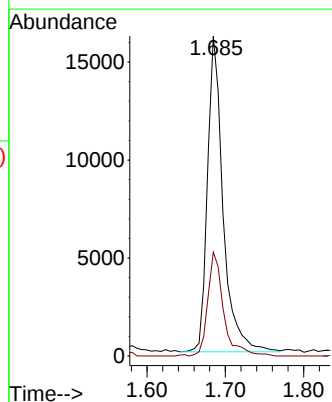
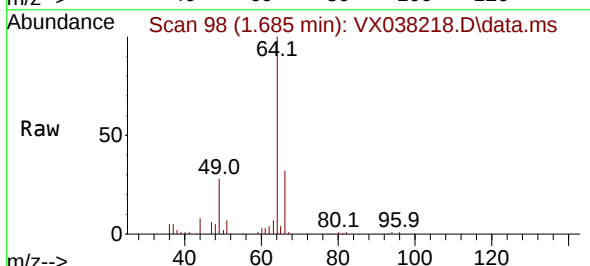
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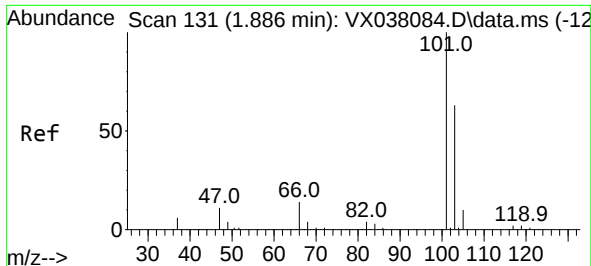
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#6
Chloroethane
Concen: 24.285 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

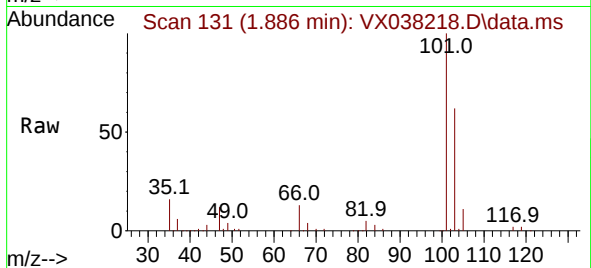
Tgt Ion: 64 Resp: 22251
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 23.433 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

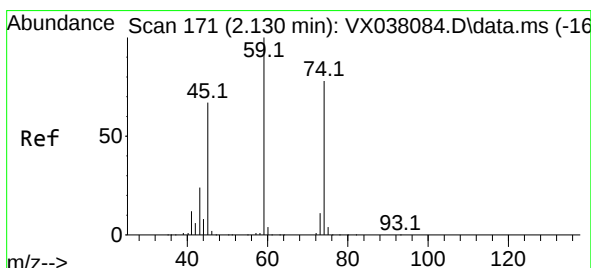
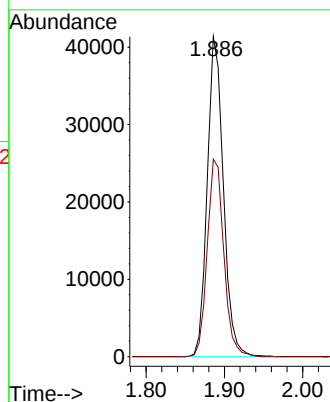
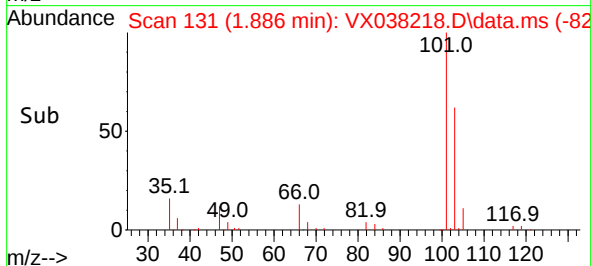
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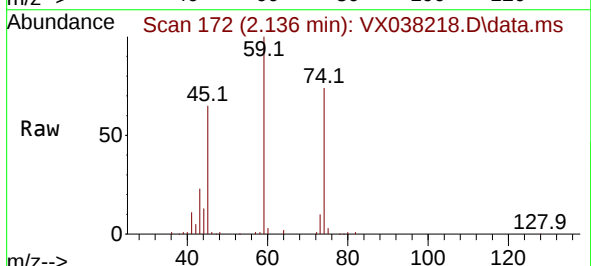
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 Ion Ratio Lower Upper
 101 100
 103 61.7 51.4 77.2

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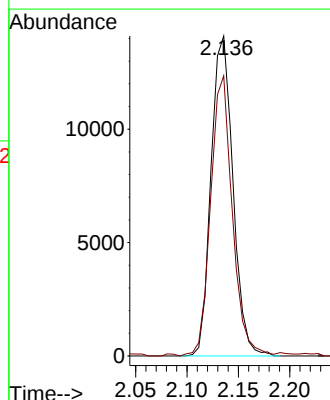
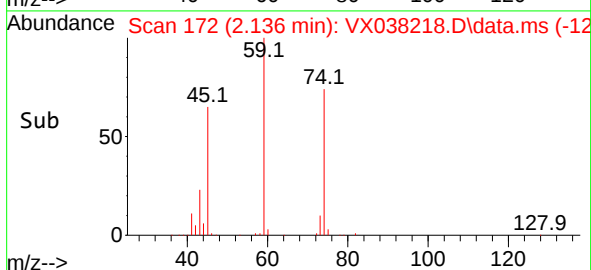
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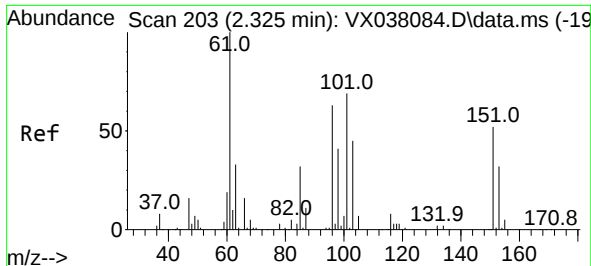


#8
 Diethyl Ether
 Concen: 22.231 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50



Tgt Ion: 74 Resp: 20870
 Ion Ratio Lower Upper
 74 100
 45 86.8 53.3 159.8





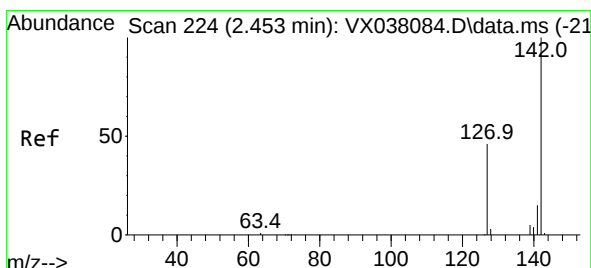
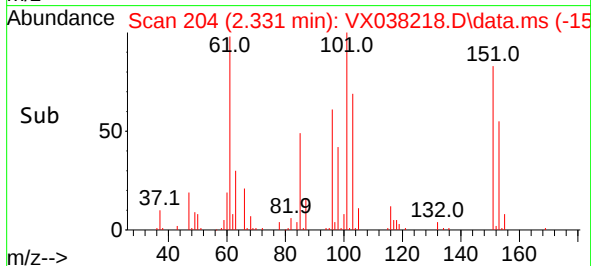
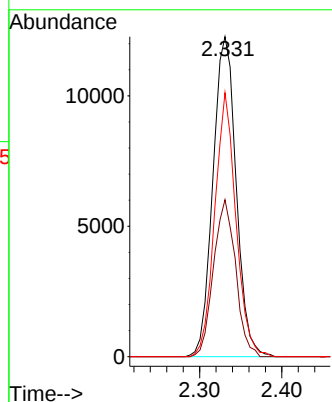
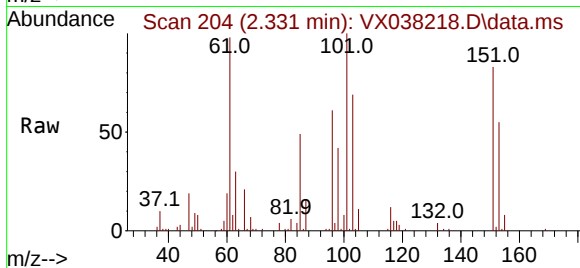
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.924 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion:101 Resp: 24092
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 75.2 58.6 87.8

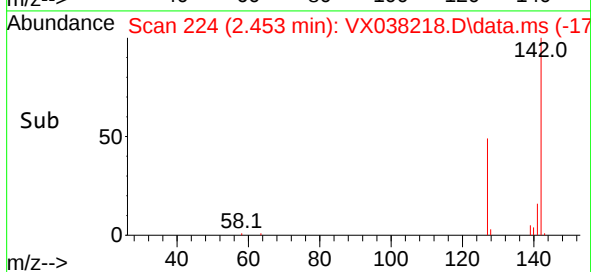
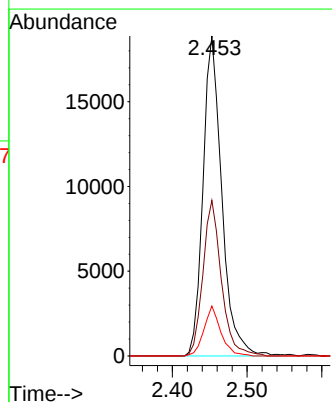
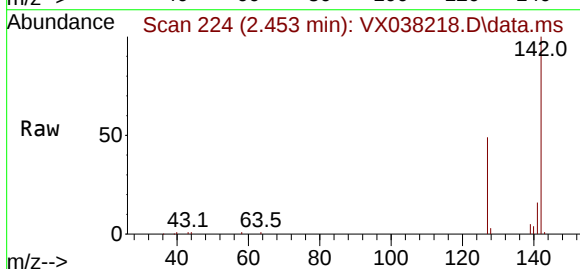
Manual Integrations
APPROVED

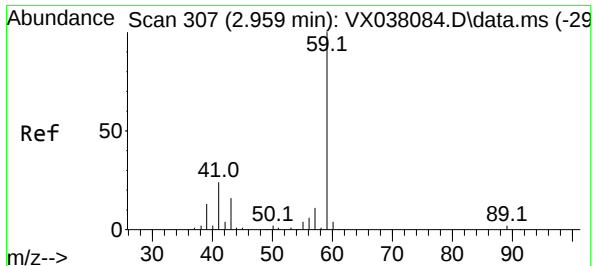
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 20.881 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion:142 Resp: 33014
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.0 11.6 17.4





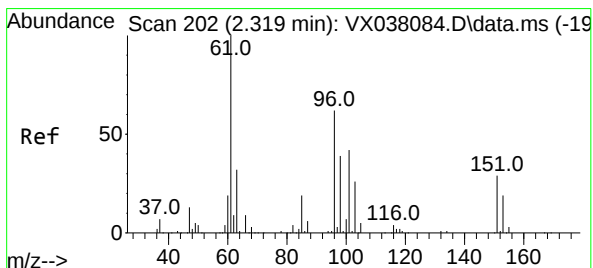
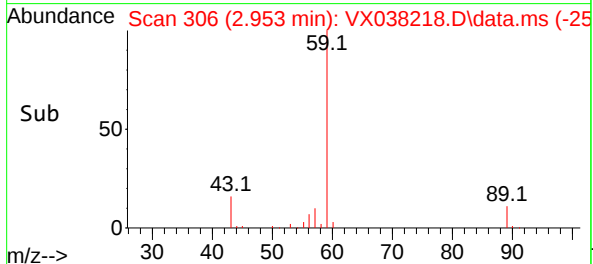
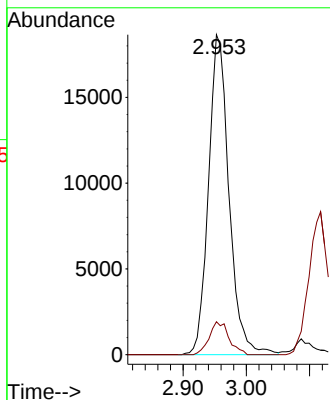
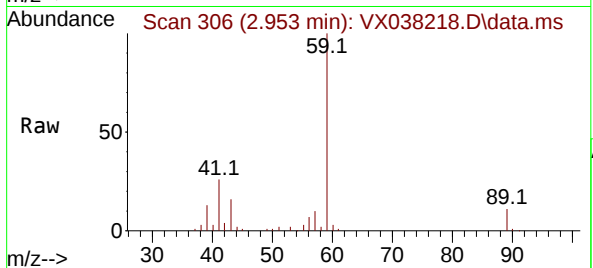
#11
Tert butyl alcohol
Concen: 94.277 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 59 Resp: 41973
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

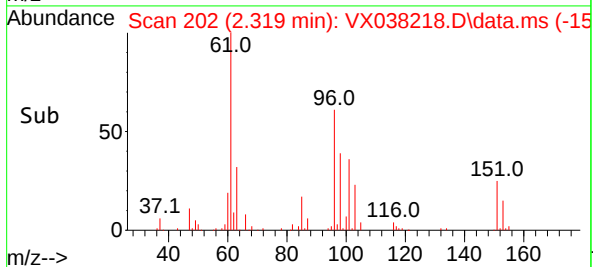
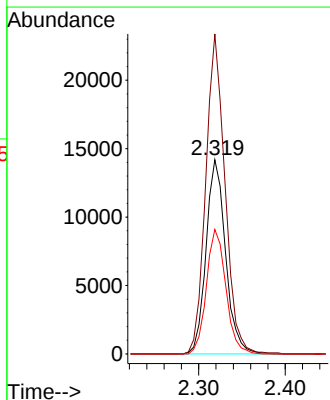
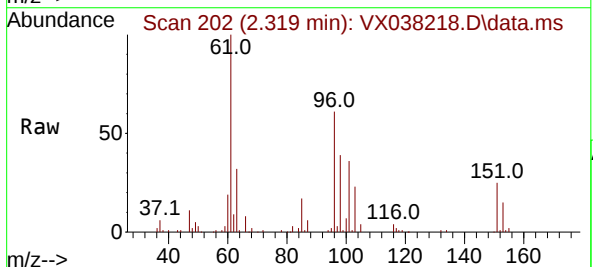
Manual Integrations
APPROVED

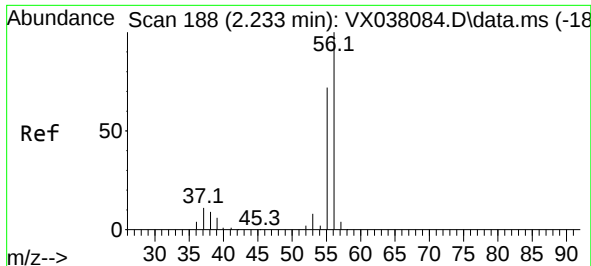
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#12
1,1-Dichloroethene
Concen: 20.795 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

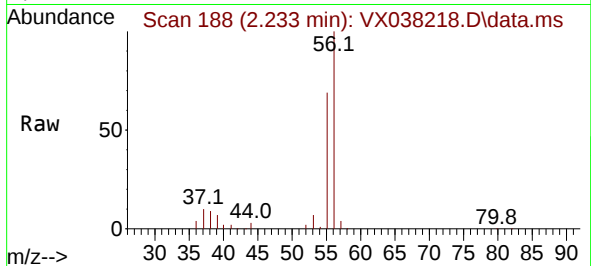
Tgt Ion: 96 Resp: 22228
Ion Ratio Lower Upper
96 100
61 164.7 144.6 216.8
98 64.1 50.4 75.6





#13
Acrolein
Concen: 188.868 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

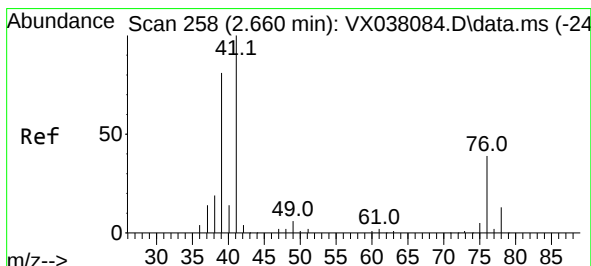
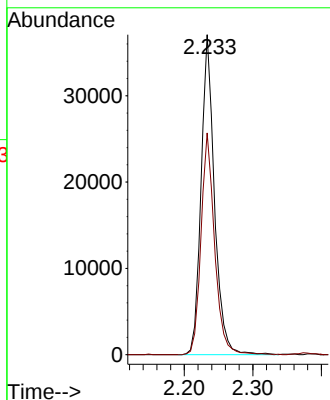
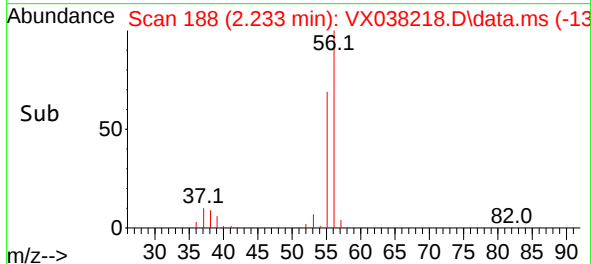
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion: 56 Resp: 50454
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

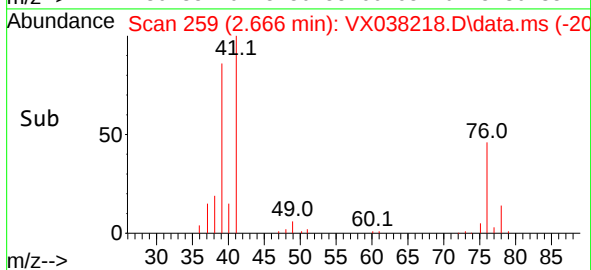
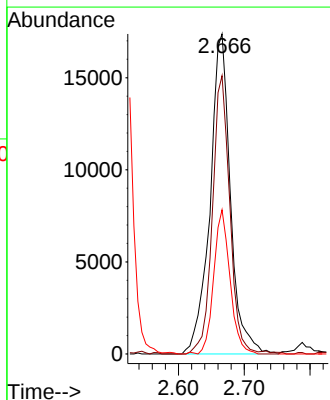
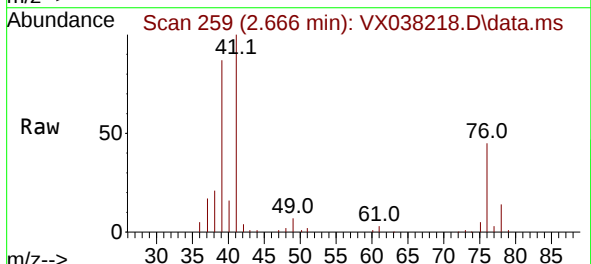
Manual Integrations
APPROVED

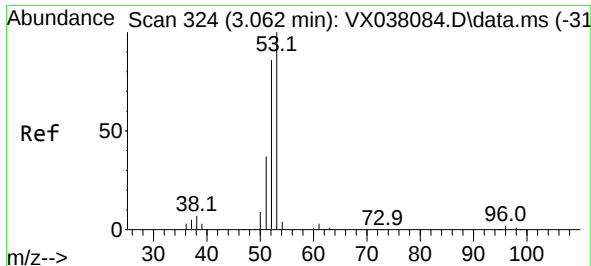
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#14
Allyl chloride
Concen: 19.672 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion: 41 Resp: 37611
Ion Ratio Lower Upper
41 100
39 74.2 55.8 83.6
76 35.9 24.3 36.5





#15

Acrylonitrile

Concen: 105.789 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 53 Resp: 90460

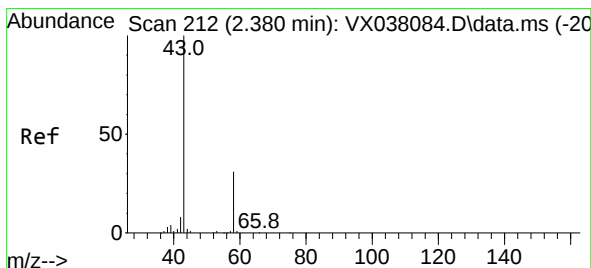
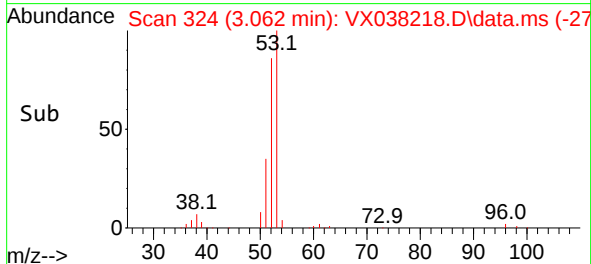
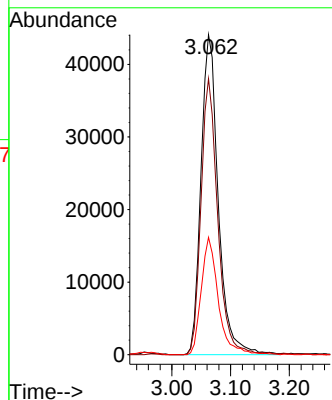
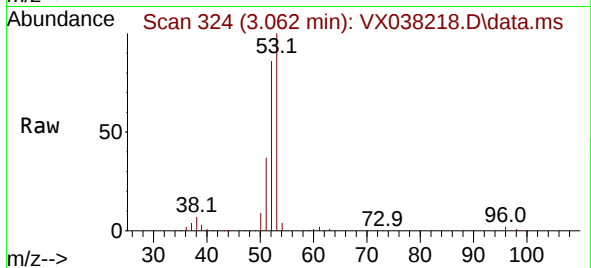
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.0	99.0
51	36.1	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#16

Acetone

Concen: 114.433 ug/l

RT: 2.380 min Scan# 212

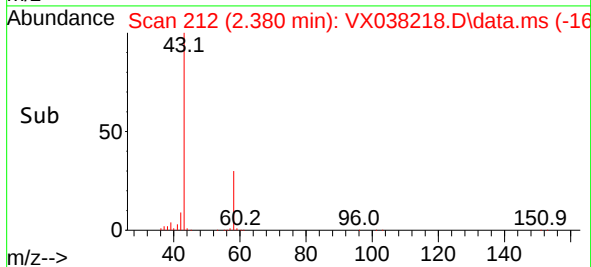
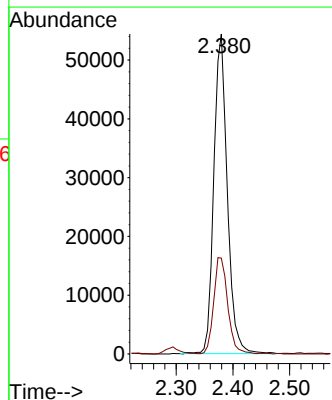
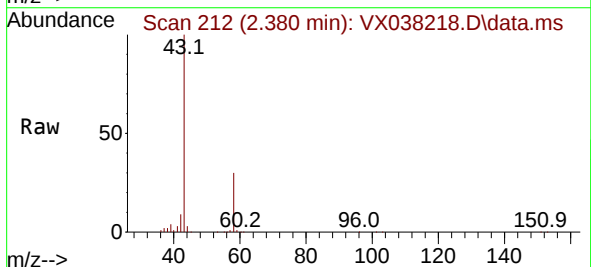
Delta R.T. -0.000 min

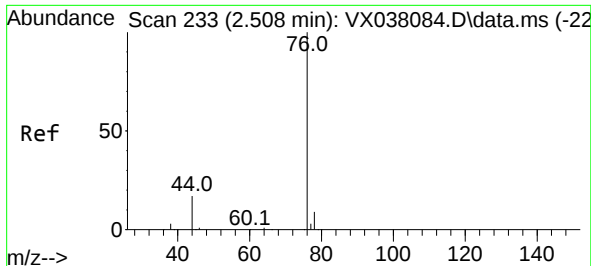
Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion: 43 Resp: 89745

Ion	Ratio	Lower	Upper
43	100		
58	29.8	21.9	32.9





#17

Carbon Disulfide

Concen: 18.139 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 76 Resp: 5588

Ion Ratio Lower Upper

76 100

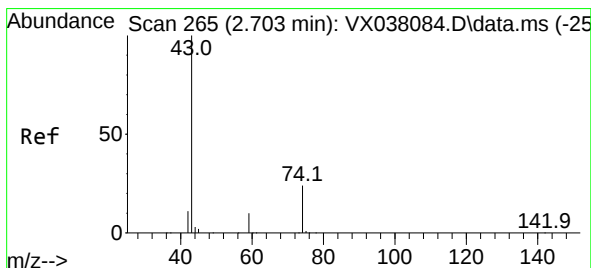
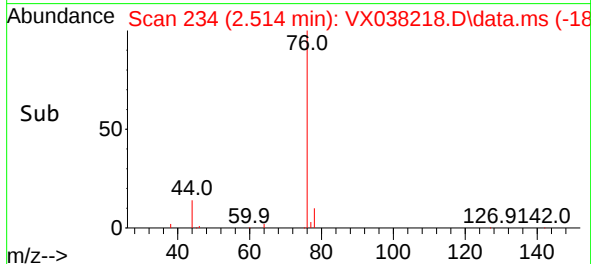
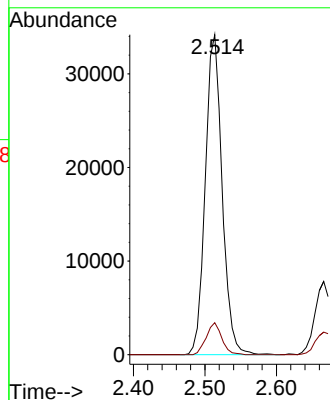
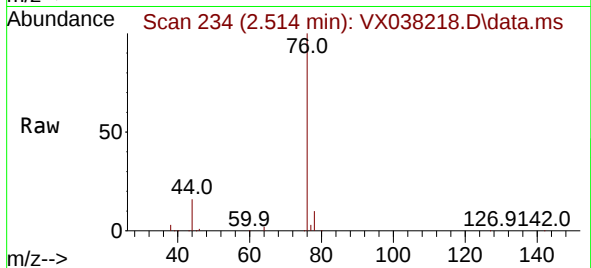
78 10.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#18

Methyl Acetate

Concen: 21.783 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038218.D

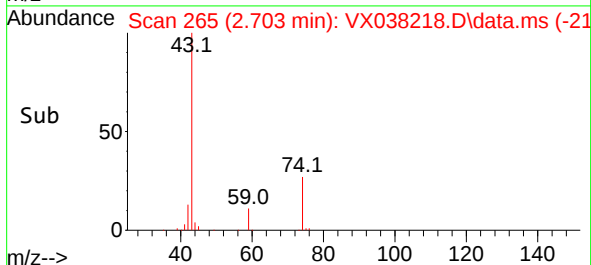
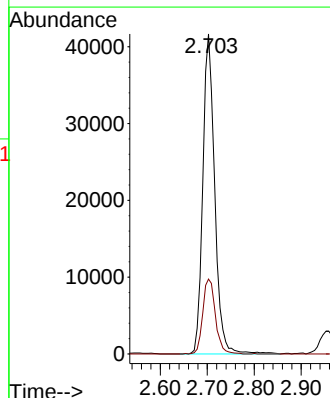
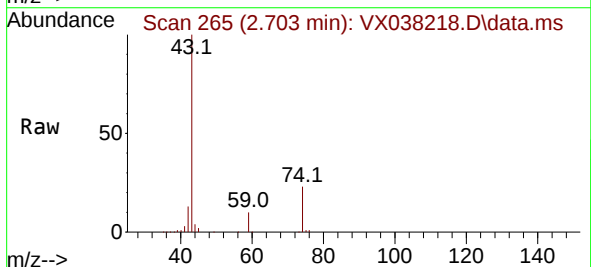
Acq: 11 Oct 2023 10:50

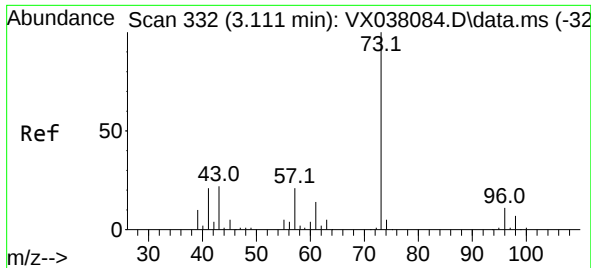
Tgt Ion: 43 Resp: 73260

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8





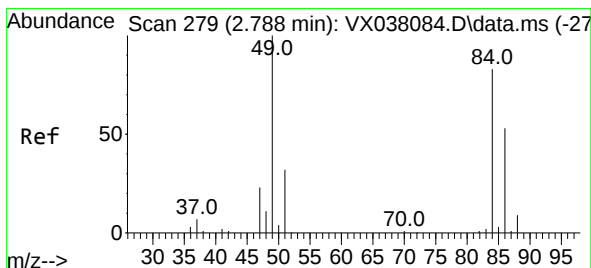
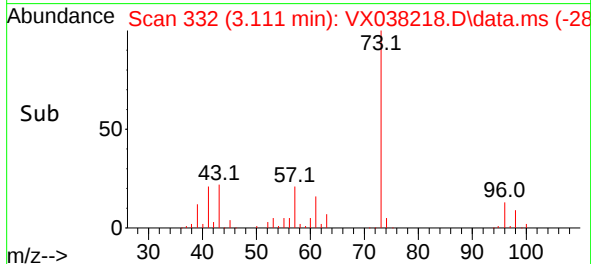
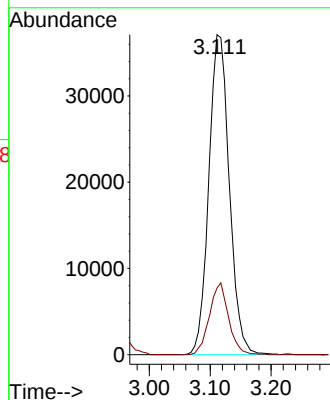
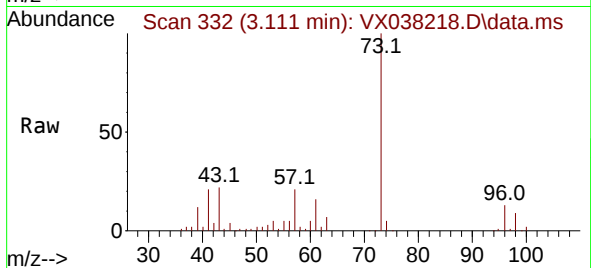
#19
Methyl tert-butyl Ether
Concen: 20.394 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 73 Resp: 86818
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

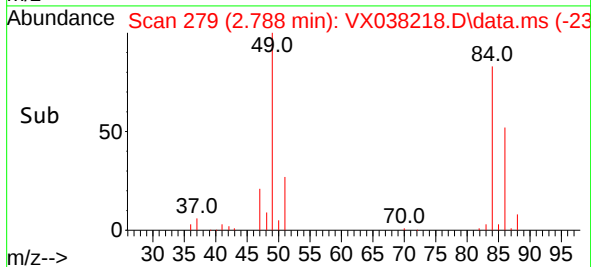
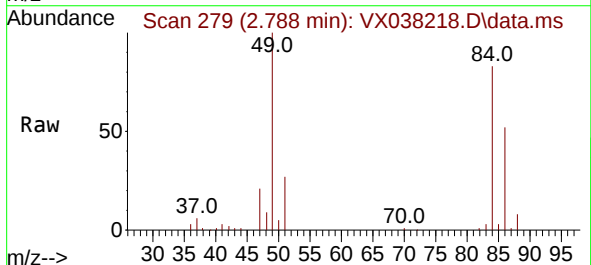
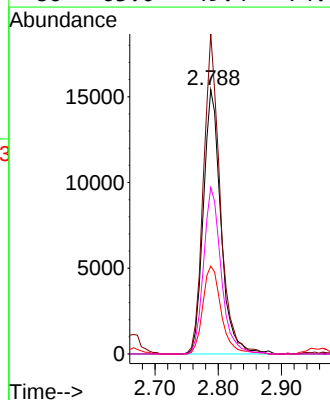
Manual Integrations
APPROVED

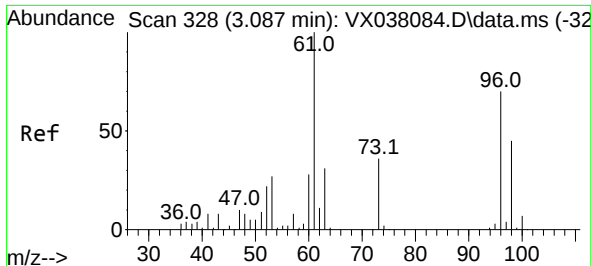
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 20.196 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

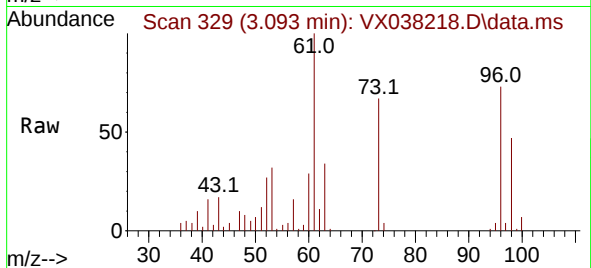
Tgt Ion: 84 Resp: 29792
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 33.3 33.8 50.6#
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.105 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

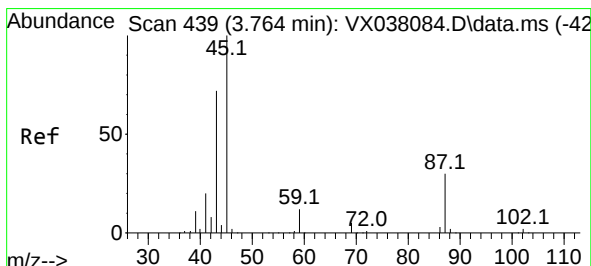
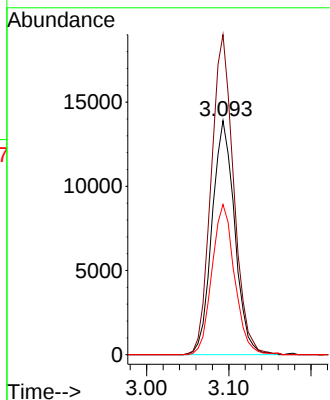
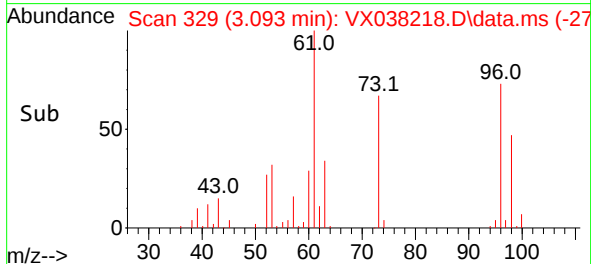
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



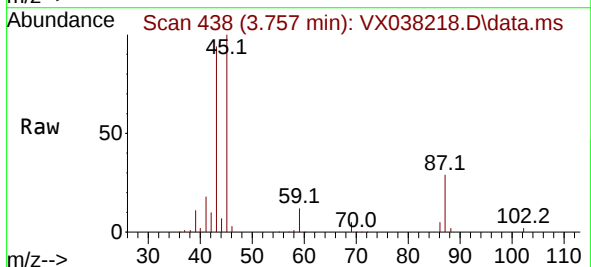
Tgt Ion: 96 Resp: 26608
Ion Ratio Lower Upper
96 100
61 136.7 119.2 178.8
98 64.2 48.7 73.1

Manual Integrations
APPROVED

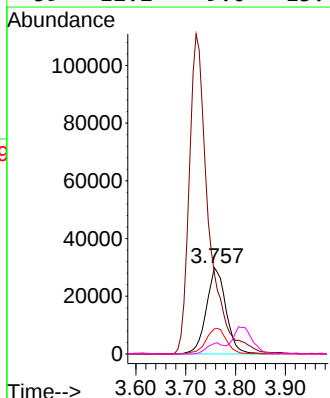
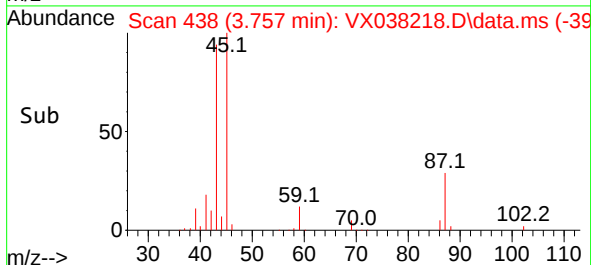
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

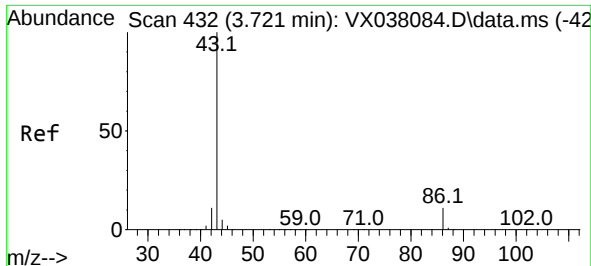


#22
Diisopropyl ether
Concen: 20.307 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



Tgt Ion: 45 Resp: 81369
Ion Ratio Lower Upper
45 100
43 91.9 69.7 104.5
87 29.2 20.8 31.2
59 12.2 9.0 13.4





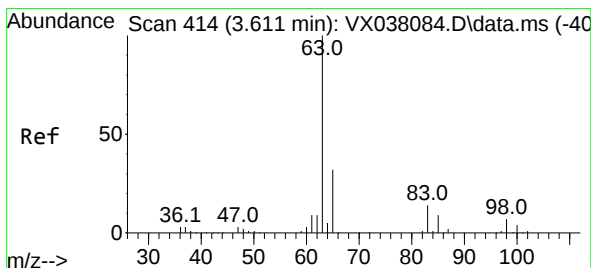
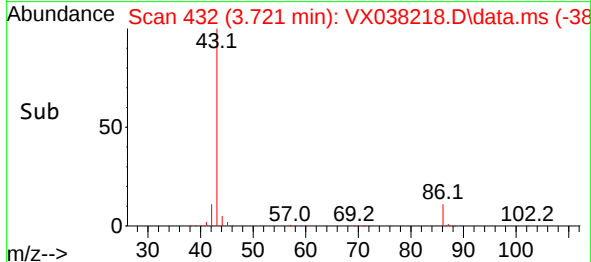
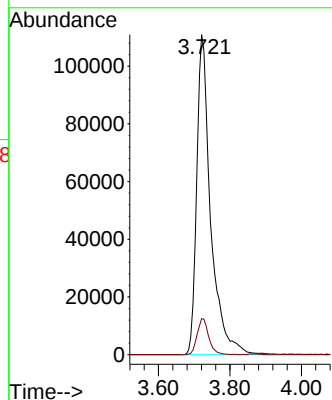
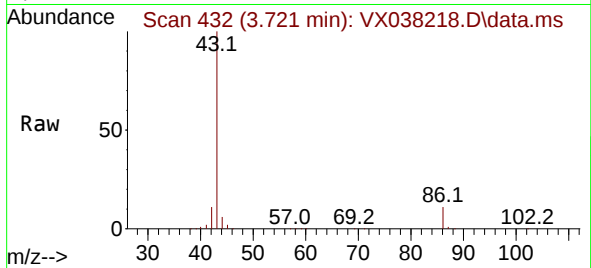
#23
 Vinyl Acetate
 Concen: 102.204 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Tgt Ion: 43 Resp: 30033
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

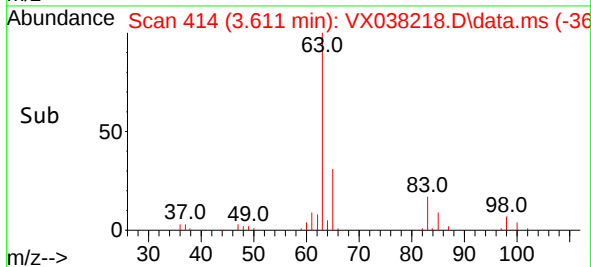
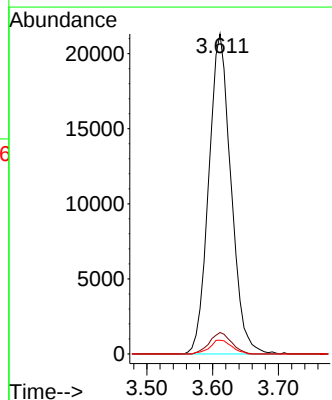
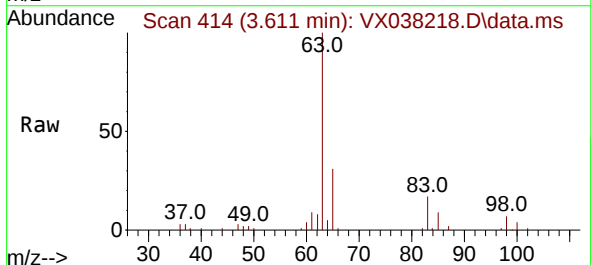
Manual Integrations
 APPROVED

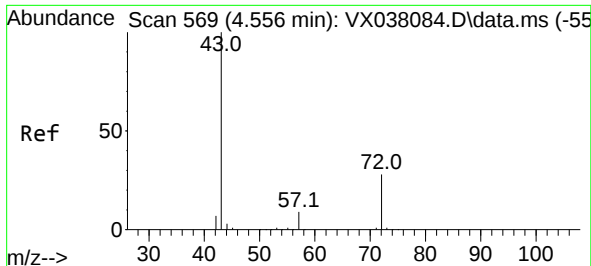
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 20.636 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

Tgt Ion: 63 Resp: 50183
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 106.753 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 43 Resp: 13508

Ion Ratio Lower Upper

43 100

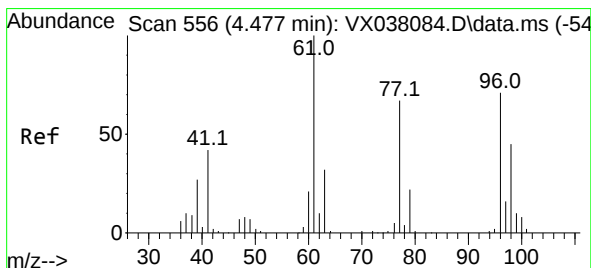
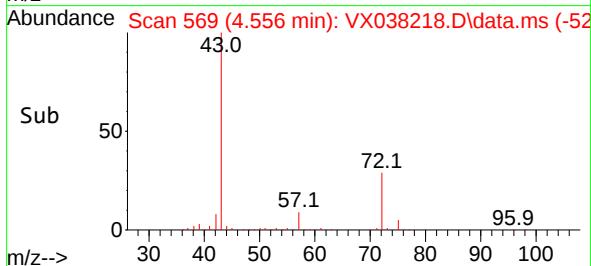
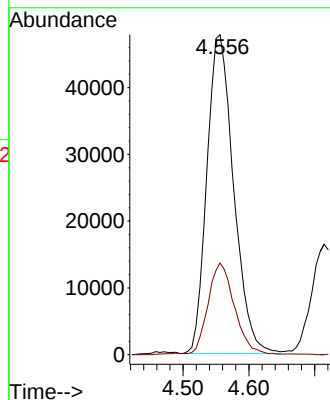
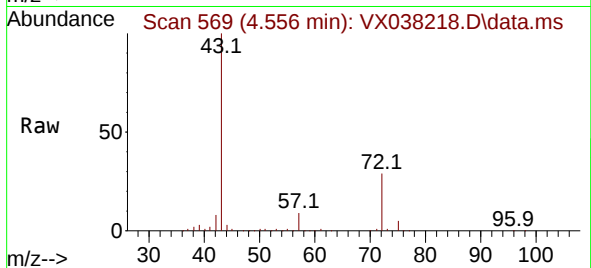
72 28.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#26

2,2-Dichloropropane

Concen: 20.410 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038218.D

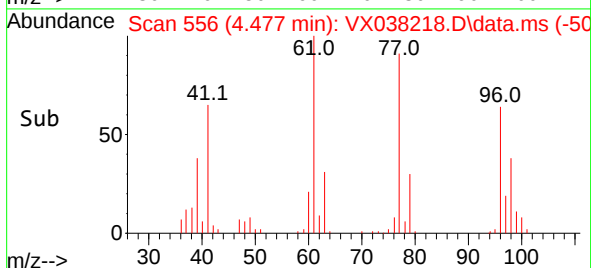
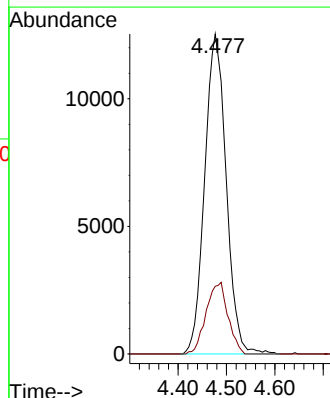
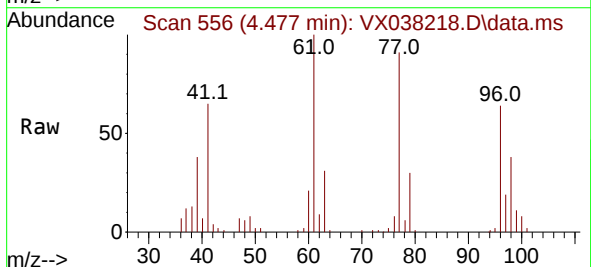
Acq: 11 Oct 2023 10:50

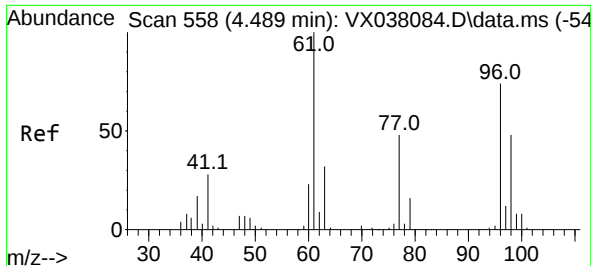
Tgt Ion: 77 Resp: 38750

Ion Ratio Lower Upper

77 100

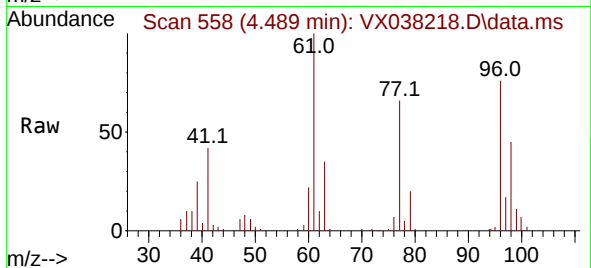
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 21.019 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

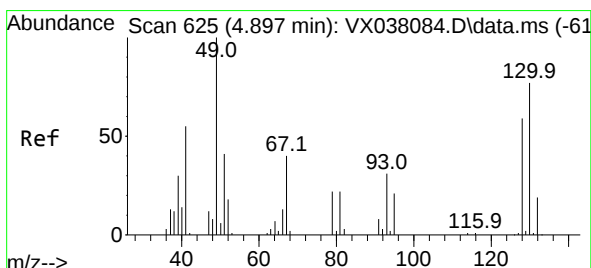
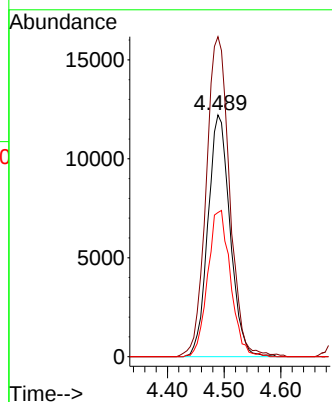
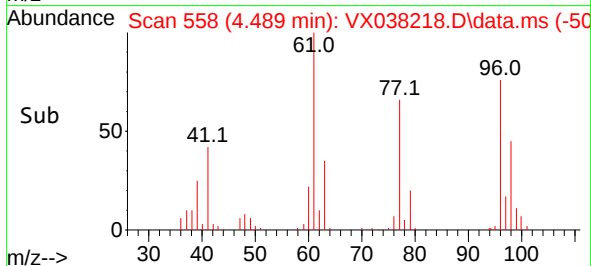
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01



Tgt Ion: 96 Resp: 33130
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 312.2
 98 62.5 0.0 129.0

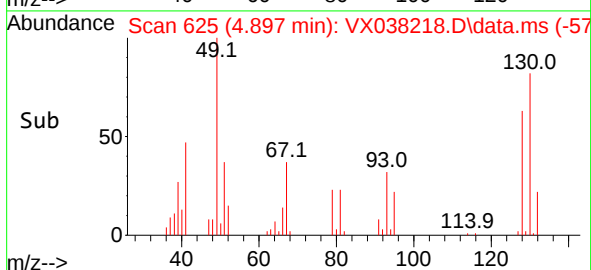
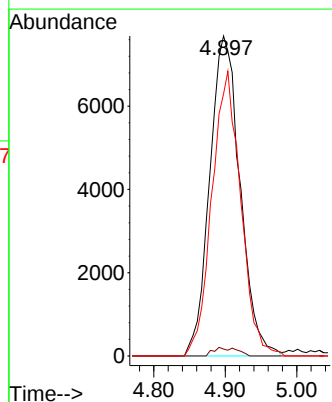
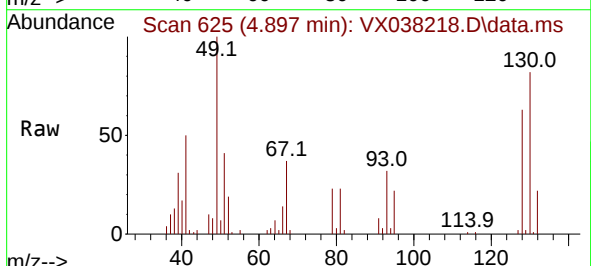
Manual Integrations
 APPROVED

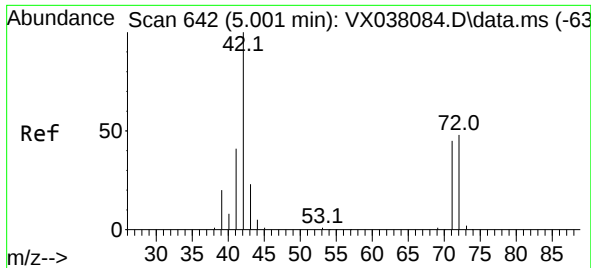
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#28
 Bromochloromethane
 Concen: 20.618 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

Tgt Ion: 49 Resp: 22634
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 84.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 101.930 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

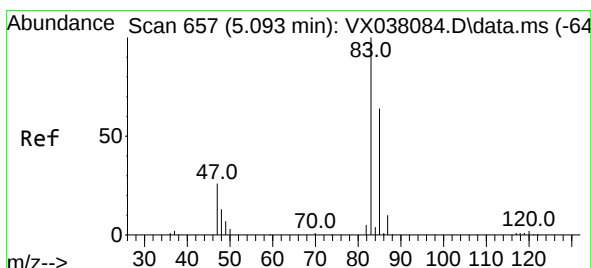
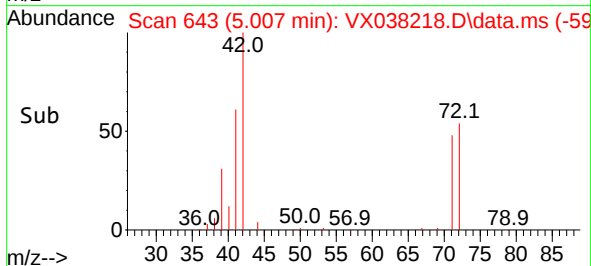
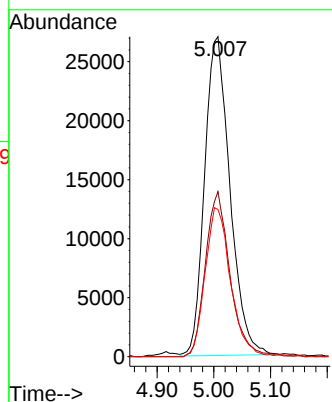
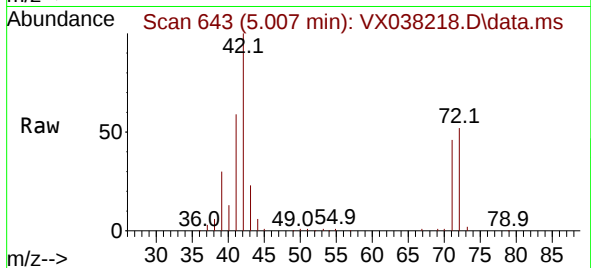
Tgt Ion:	42	Resp:	83974
Ion	Ratio	Lower	Upper
42	100		
72	50.3	34.2	51.4
71	46.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 21.095 ug/l

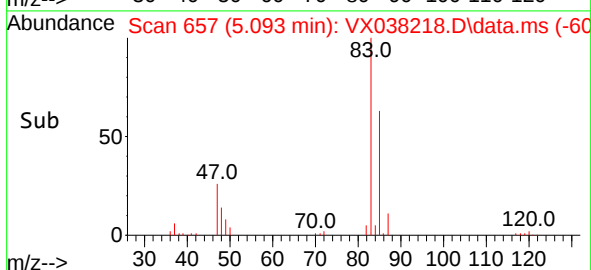
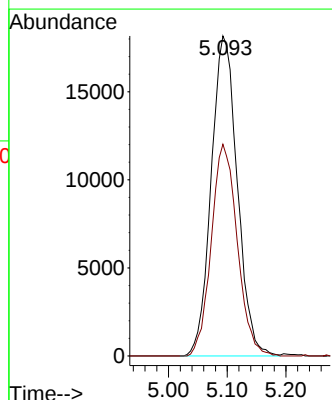
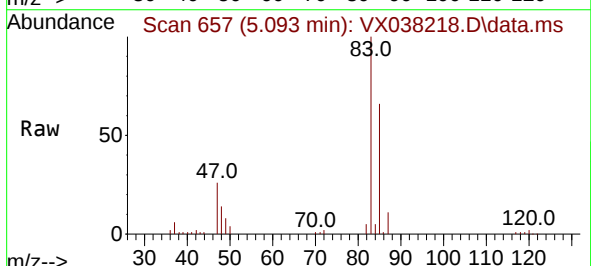
RT: 5.093 min Scan# 657

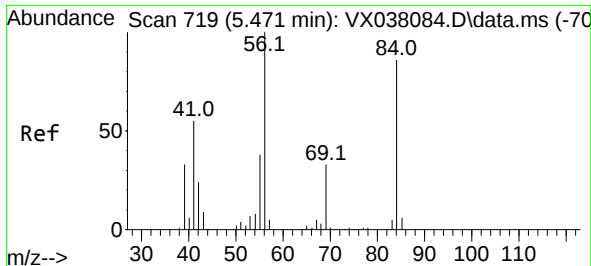
Delta R.T. -0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion:	83	Resp:	56097
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.3	75.5





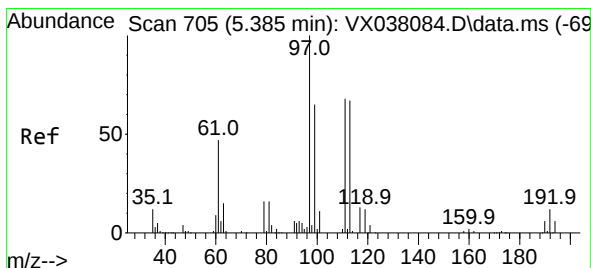
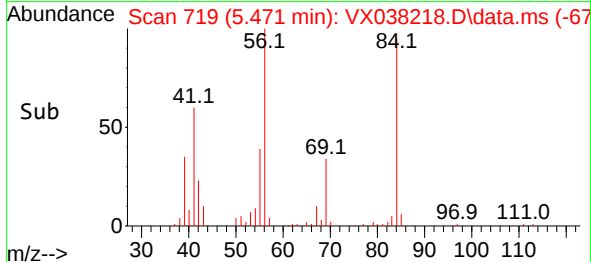
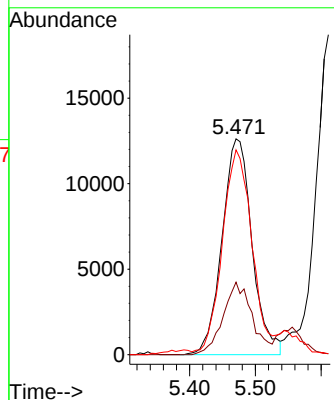
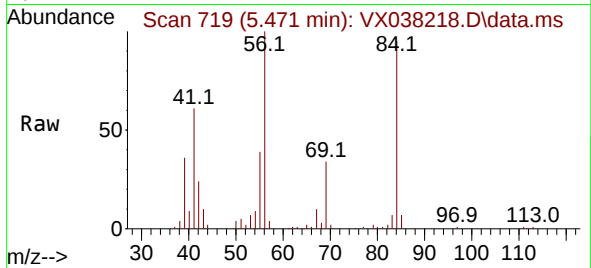
#31
Cyclohexane
Concen: 19.648 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 56 Resp: 4000
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 93.1 65.9 98.9

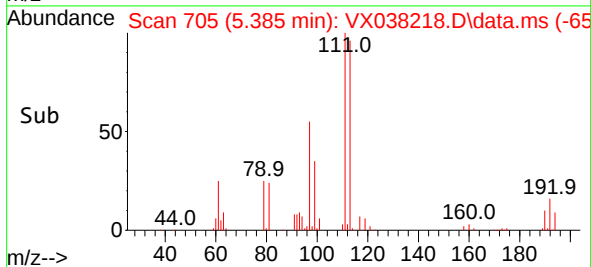
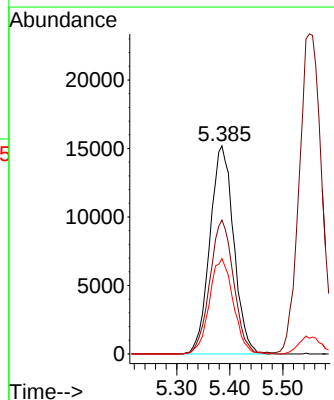
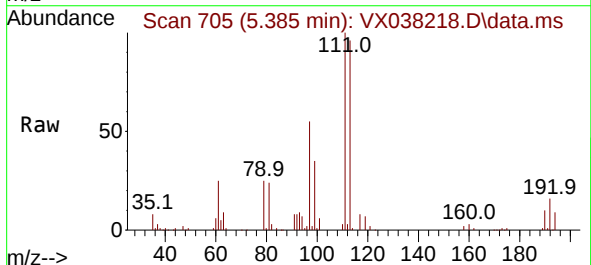
Manual Integrations
APPROVED

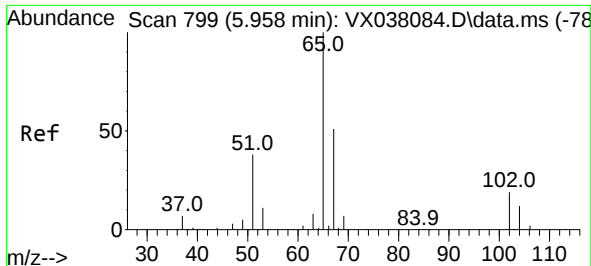
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#32
1,1,1-Trichloroethane
Concen: 20.804 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion: 97 Resp: 47386
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.0 36.4 54.6





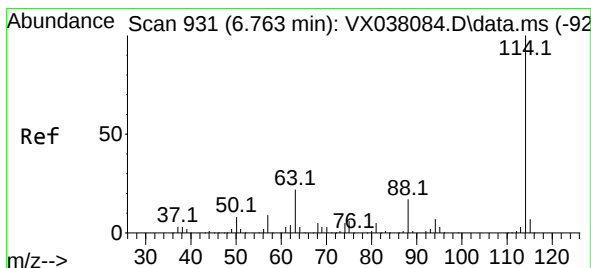
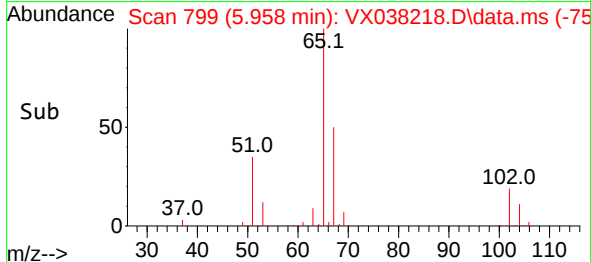
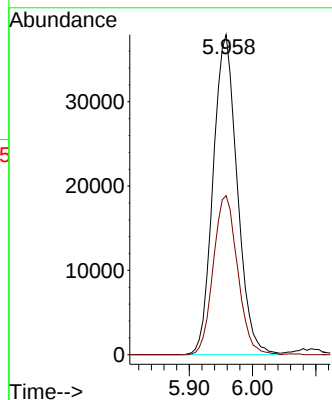
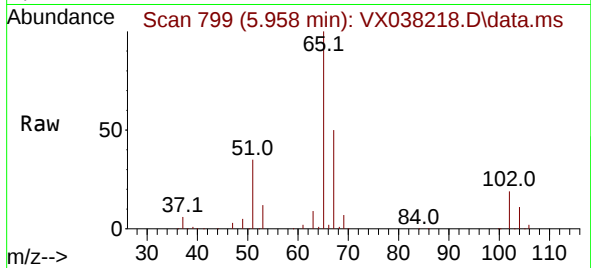
#33
1,2-Dichloroethane-d4
Concen: 53.418 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 65 Resp: 100379
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

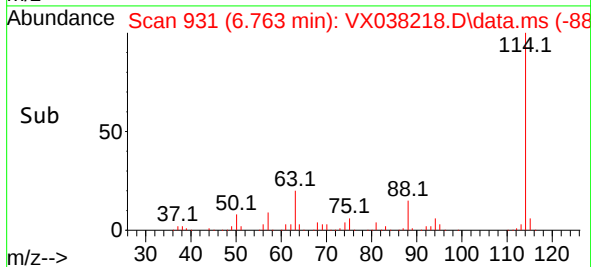
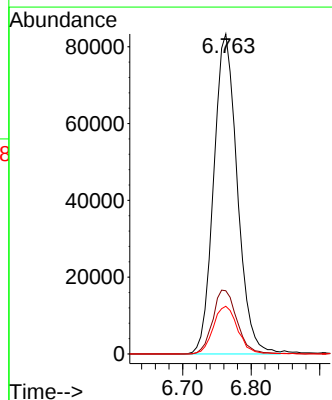
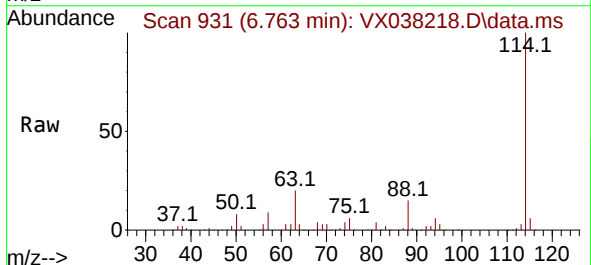
Manual Integrations
APPROVED

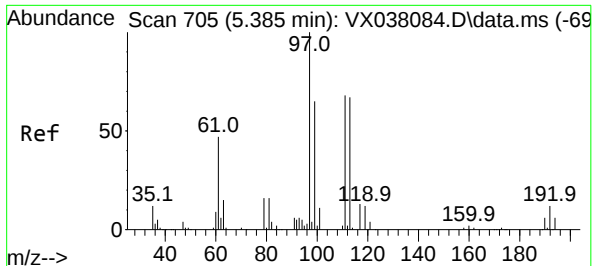
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

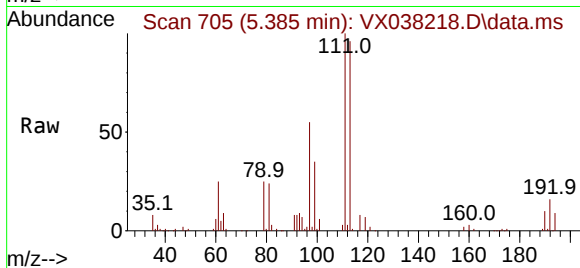
Tgt Ion:114 Resp: 198911
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.822 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

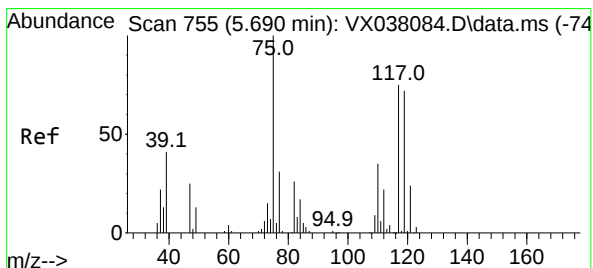
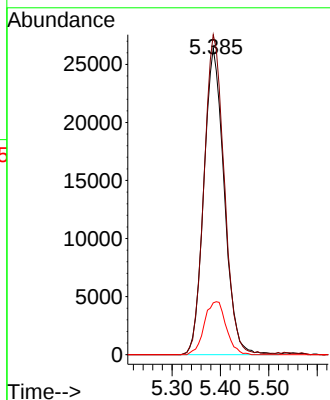
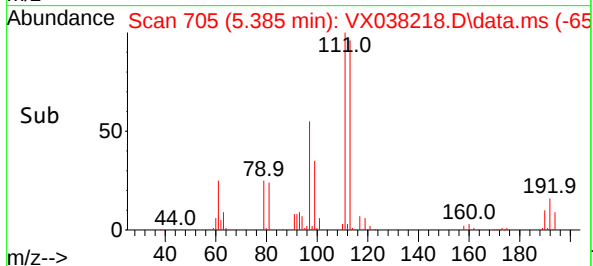
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion: 113 Resp: 7714
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.5 13.3 19.9

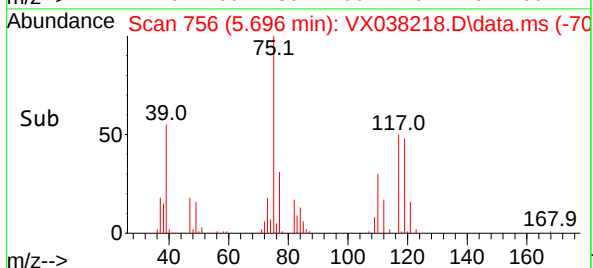
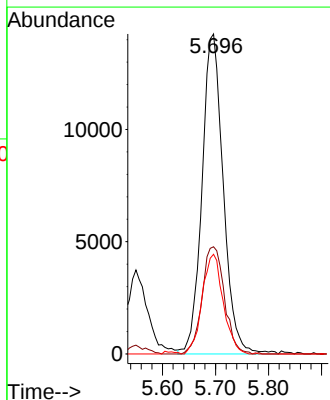
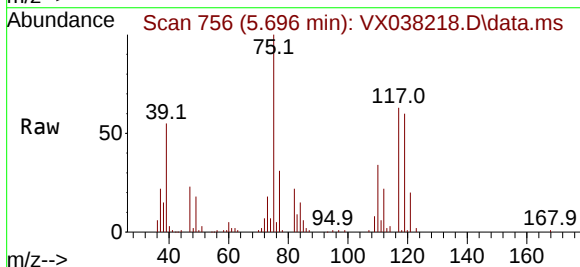
Manual Integrations
APPROVED

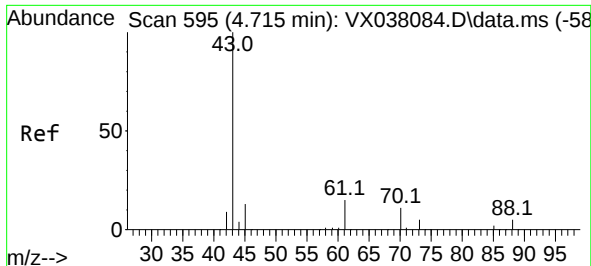
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#36
1,1-Dichloropropene
Concen: 20.129 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

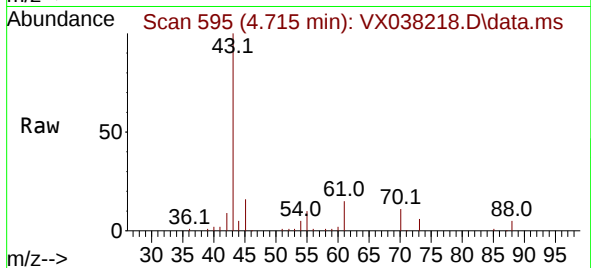
Tgt Ion: 75 Resp: 39784
Ion Ratio Lower Upper
75 100
110 35.0 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 20.720 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

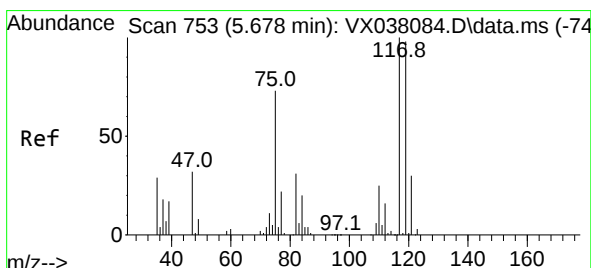
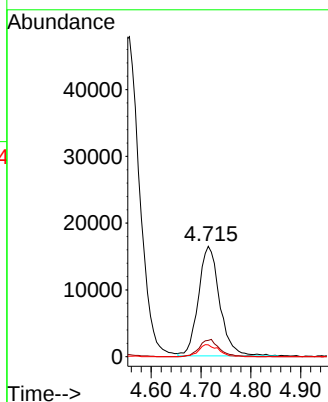
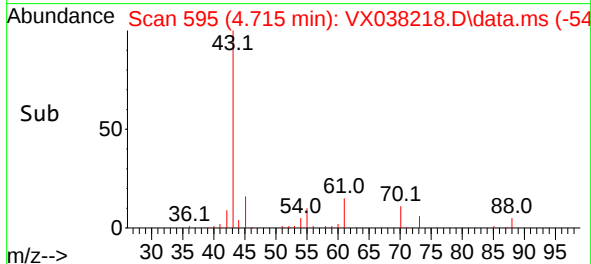
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion: 43 Resp: 48630
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.4 8.3 12.5

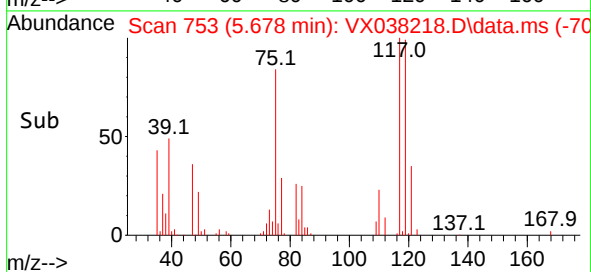
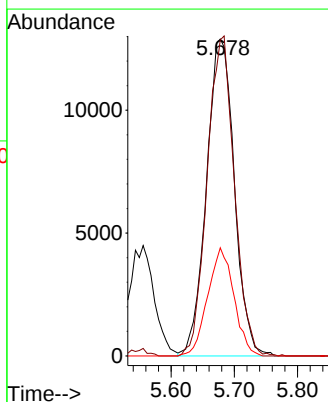
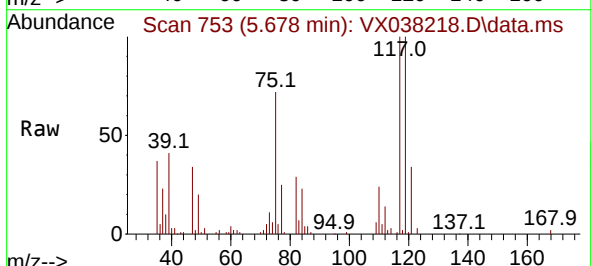
Manual Integrations
APPROVED

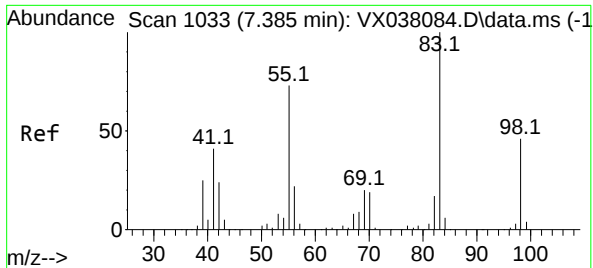
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#38
Carbon Tetrachloride
Concen: 20.368 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

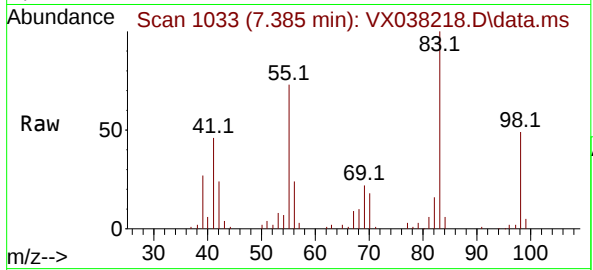
Tgt Ion:117 Resp: 39603
Ion Ratio Lower Upper
117 100
119 99.7 78.2 117.2
121 34.1 24.4 36.6





#39
Methylcyclohexane
Concen: 19.921 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

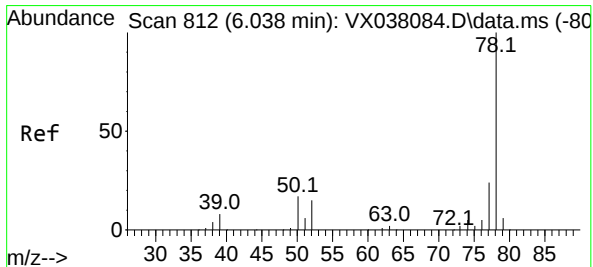
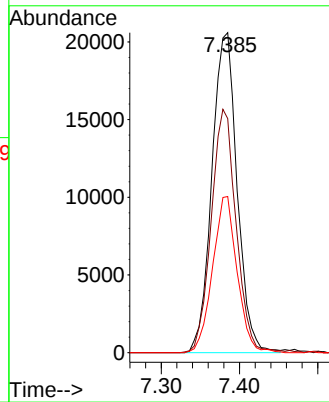
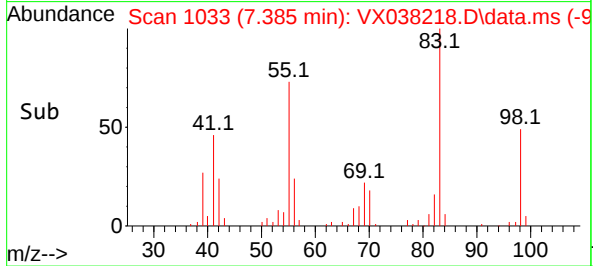
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion: 83 Resp: 46119
Ion Ratio Lower Upper
83 100
55 73.2 64.6 97.0
98 48.8 36.7 55.1

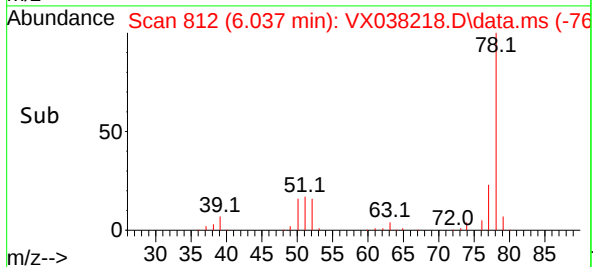
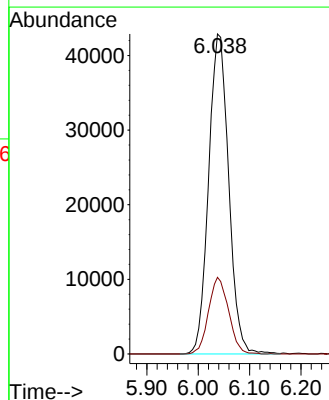
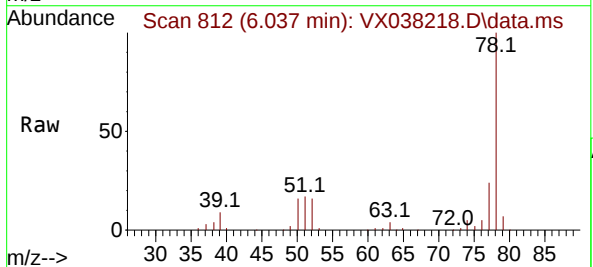
Manual Integrations
APPROVED

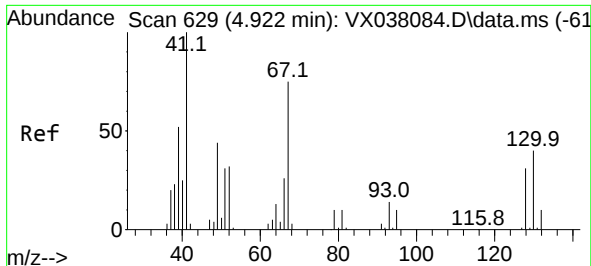
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#40
Benzene
Concen: 21.009 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

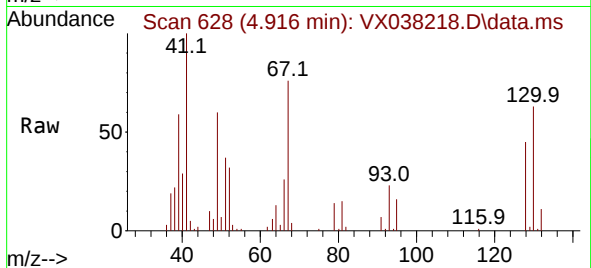
Tgt Ion: 78 Resp: 116141
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 20.244 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

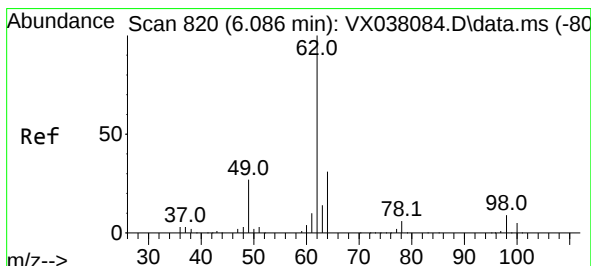
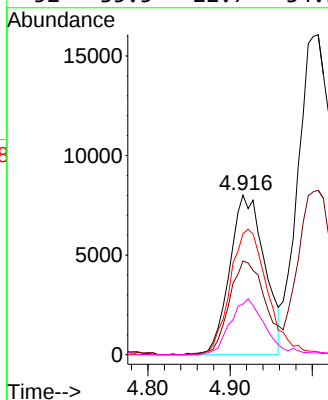
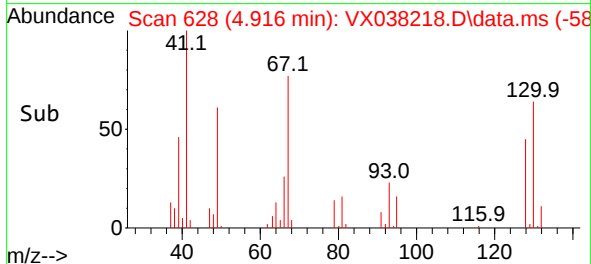
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion: 41 Resp: 23639
Ion Ratio Lower Upper
41 100
39 61.9 45.2 67.8
67 84.3 52.6 78.8
52 35.5 22.7 34.1#

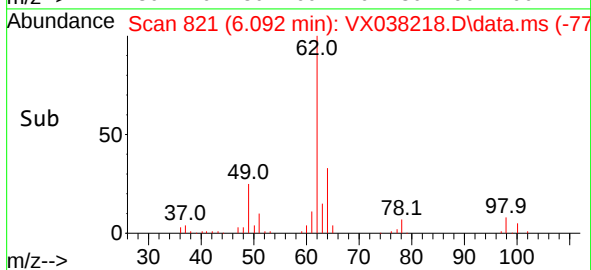
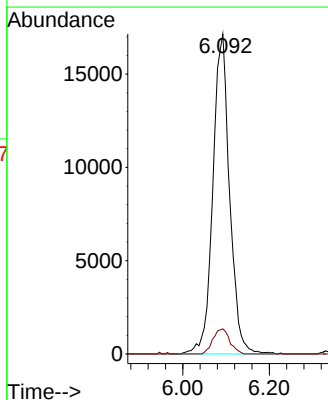
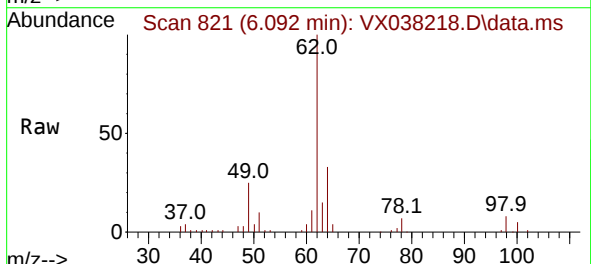
Manual Integrations
APPROVED

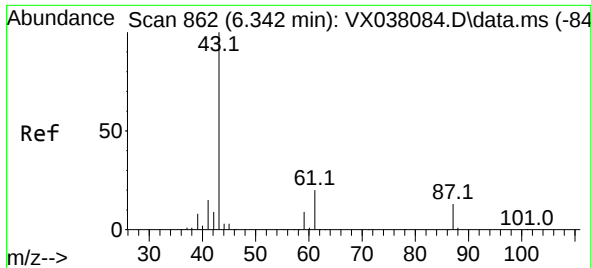
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 20.868 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

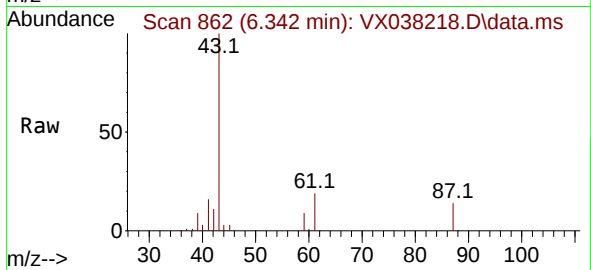
Tgt Ion: 62 Resp: 46091
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.597 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

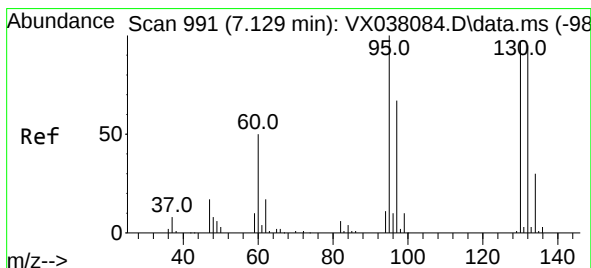
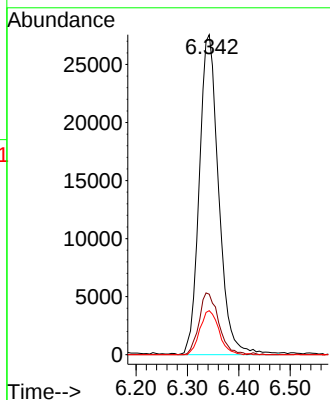
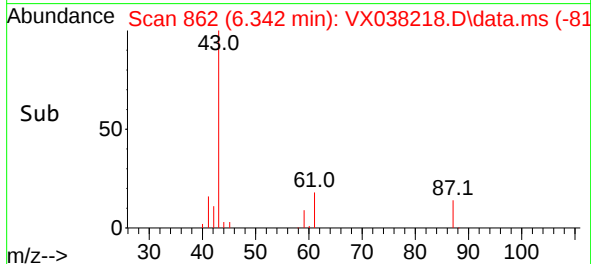
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



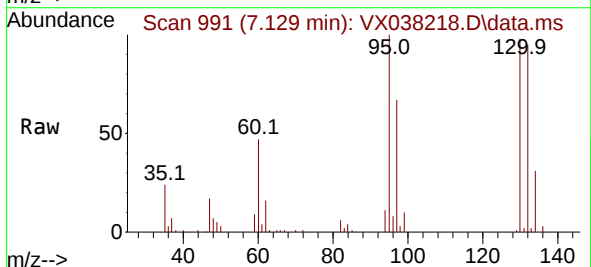
Tgt Ion: 43 Resp: 7217
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 13.5 9.8 14.6

Manual Integrations
APPROVED

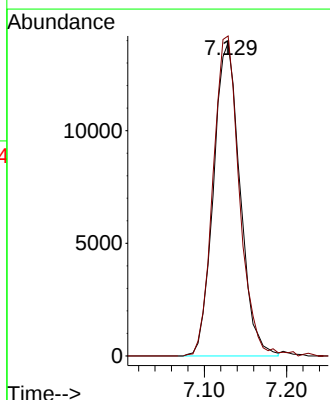
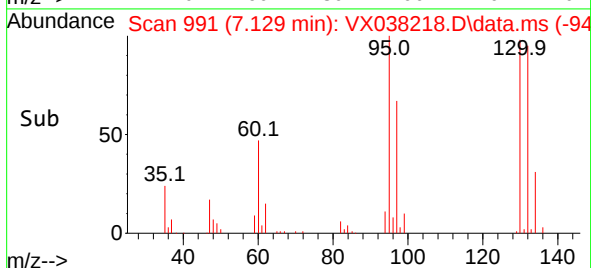
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

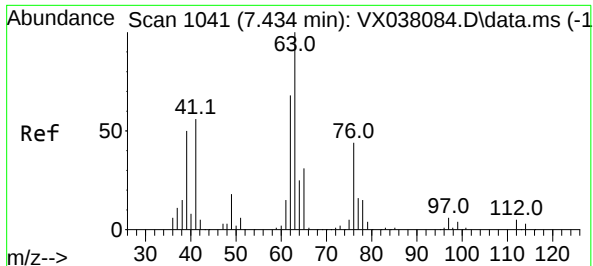


#44
Trichloroethene
Concen: 21.548 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



Tgt Ion:130 Resp: 31156
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.432 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 63 Resp: 2923

Ion Ratio Lower Upper

63 100

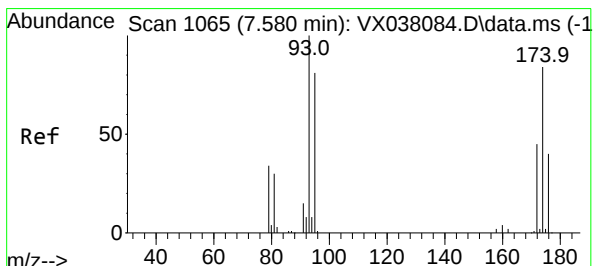
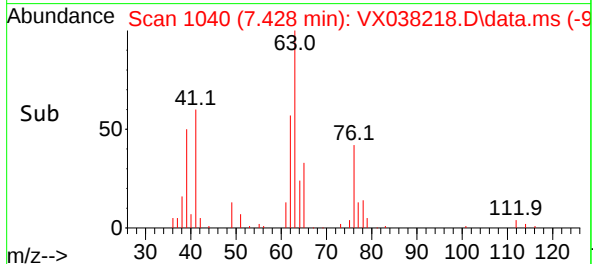
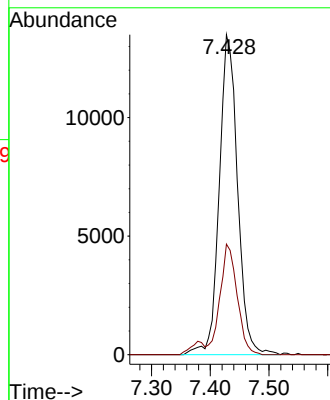
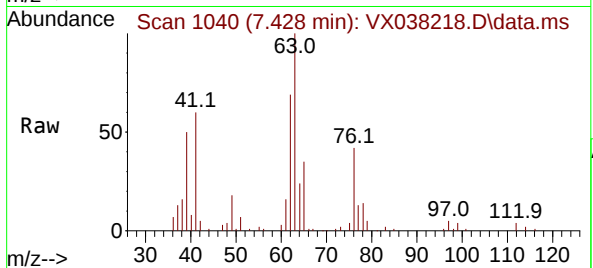
65 34.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 21.322 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

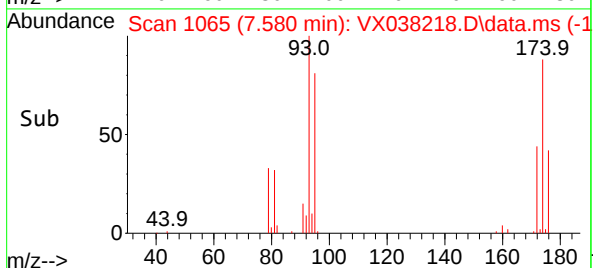
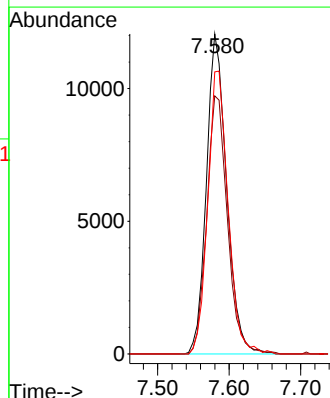
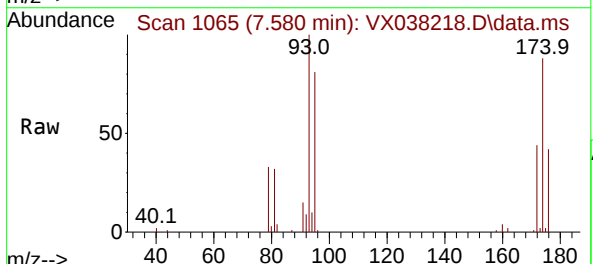
Tgt Ion: 93 Resp: 23661

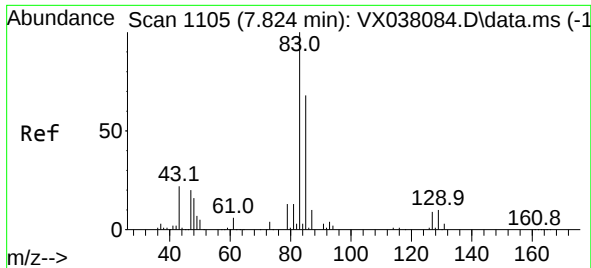
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

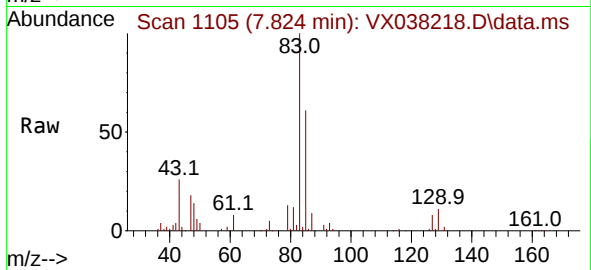
174 89.0 69.4 104.0





#47
Bromodichloromethane
Concen: 21.797 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

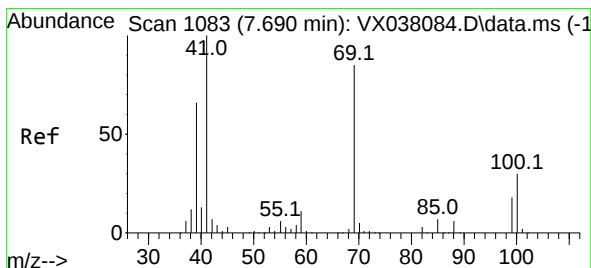
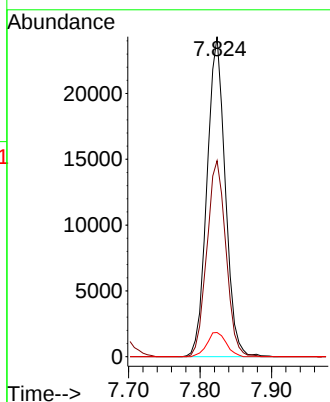
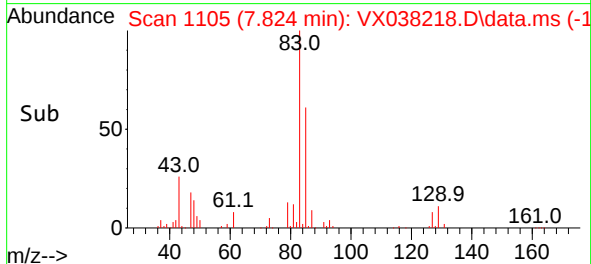
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



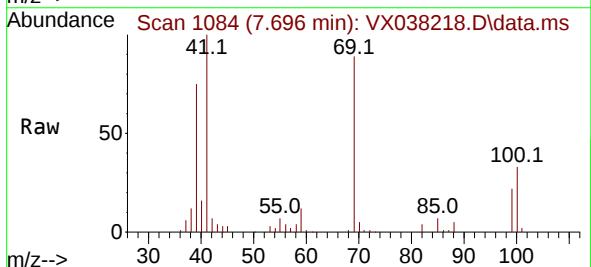
Tgt Ion: 83 Resp: 43030
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 7.5 7.1 10.7

Manual Integrations
APPROVED

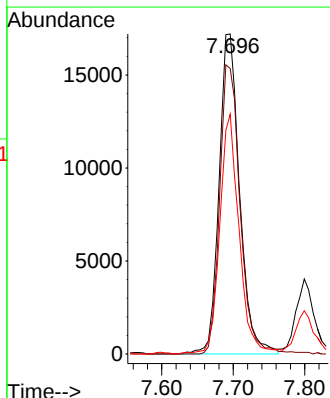
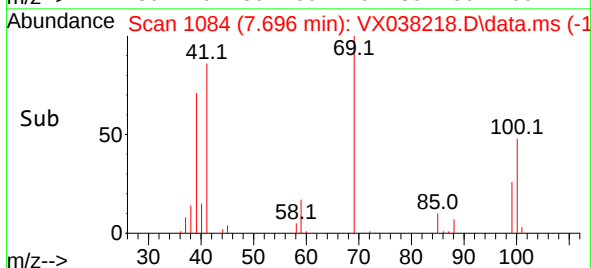
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

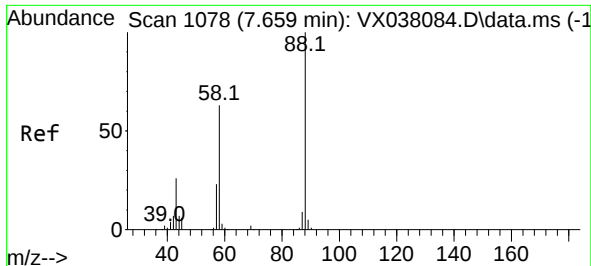


#48
Methyl methacrylate
Concen: 20.547 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



Tgt Ion: 41 Resp: 34371
Ion Ratio Lower Upper
41 100
69 90.1 59.2 88.8#
39 70.1 47.7 71.5





#49

1,4-Dioxane

Concen: 430.787 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

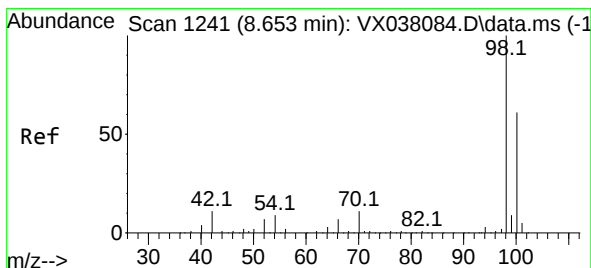
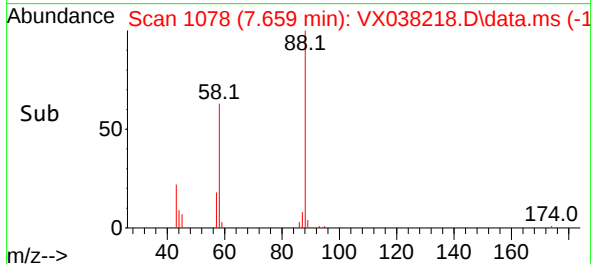
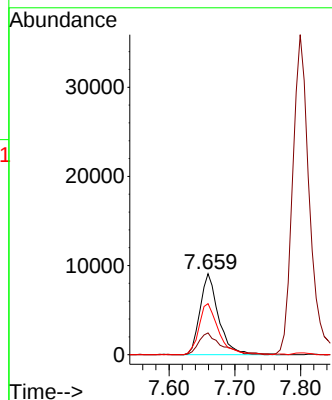
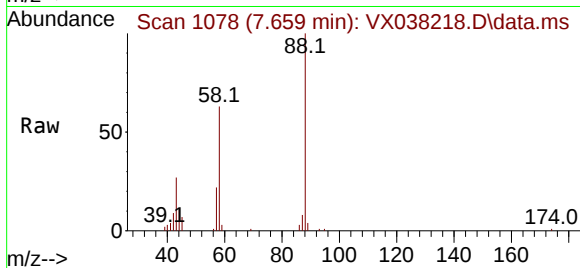
Tgt Ion: 88 Resp: 17758
 Ion Ratio Lower Upper
 88 100
 43 32.6 0.0 0.0
 58 66.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#50

Toluene-d8

Concen: 53.117 ug/l

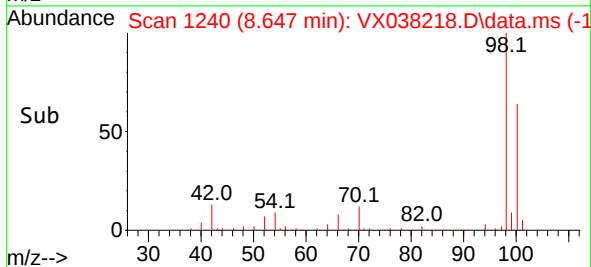
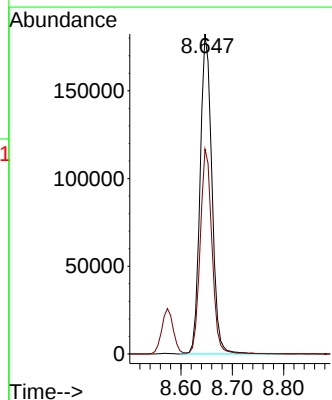
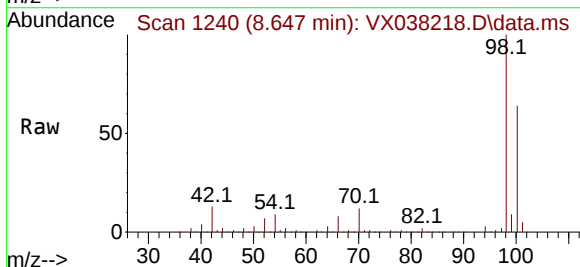
RT: 8.647 min Scan# 1240

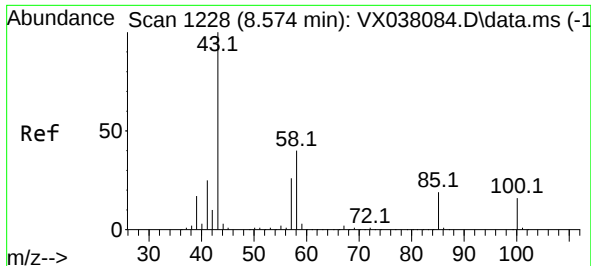
Delta R.T. -0.006 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion: 98 Resp: 290916
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





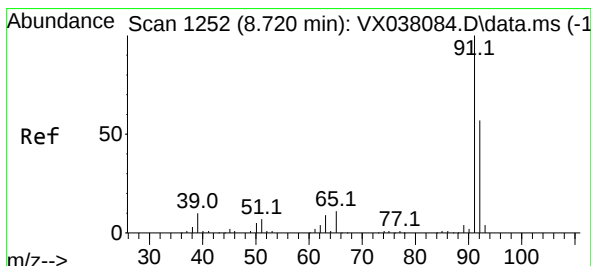
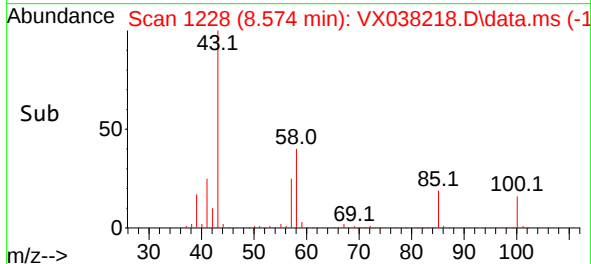
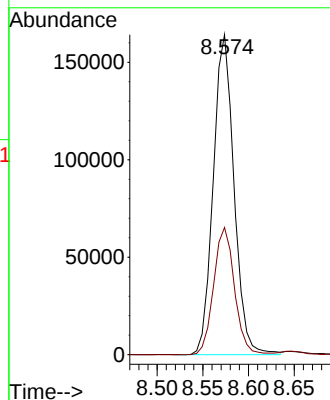
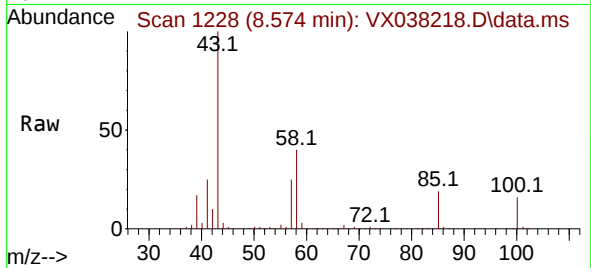
#51
4-Methyl-2-Pentanone
Concen: 107.341 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 43 Resp: 25944
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6

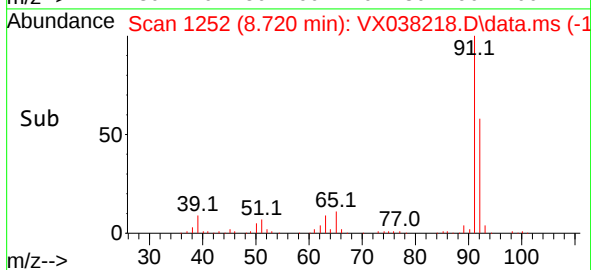
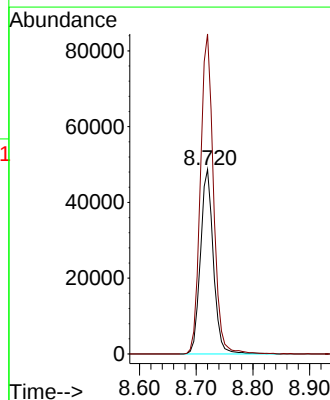
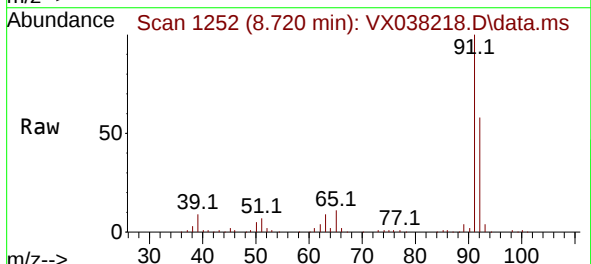
Manual Integrations
APPROVED

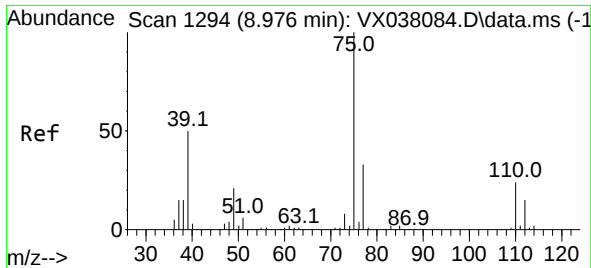
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 21.376 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion: 92 Resp: 76974
Ion Ratio Lower Upper
92 100
91 175.3 134.2 201.2





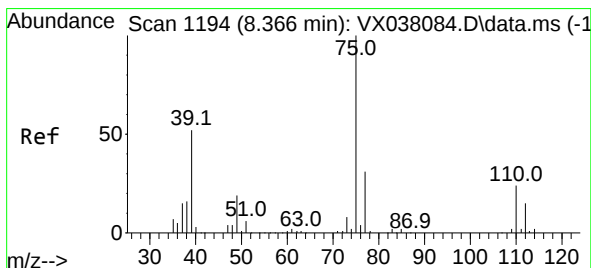
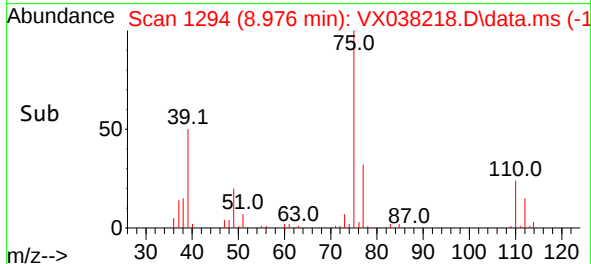
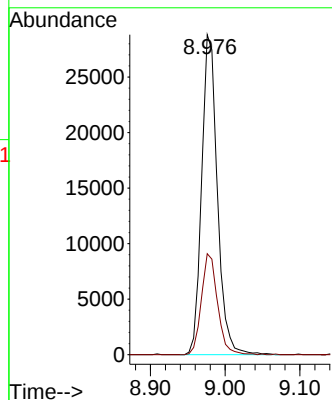
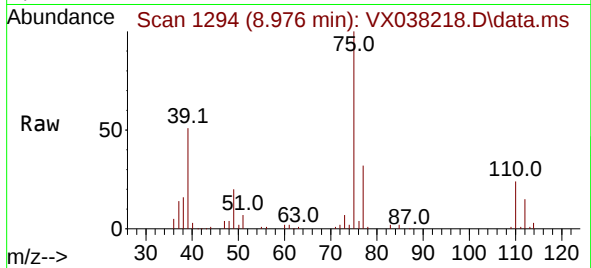
#53
t-1,3-Dichloropropene
Concen: 19.836 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

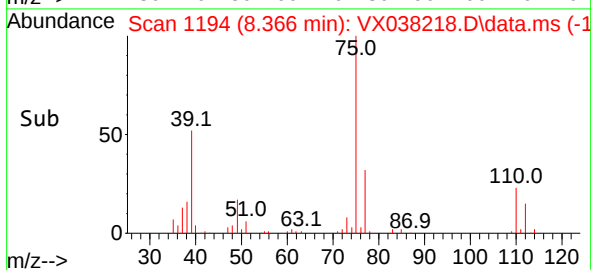
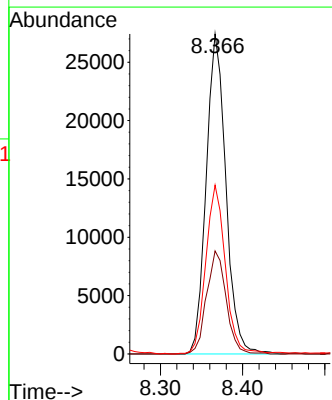
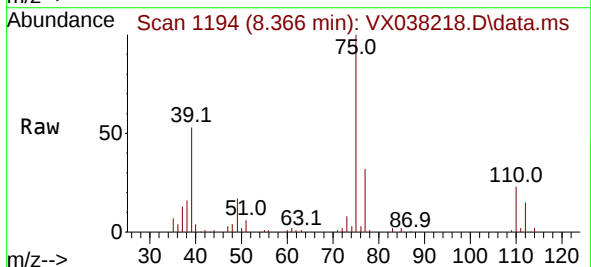
Manual Integrations
APPROVED

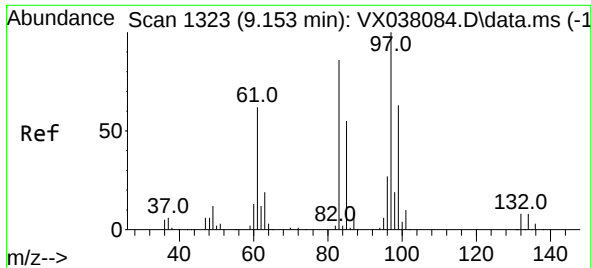
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#54
cis-1,3-Dichloropropene
Concen: 20.511 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

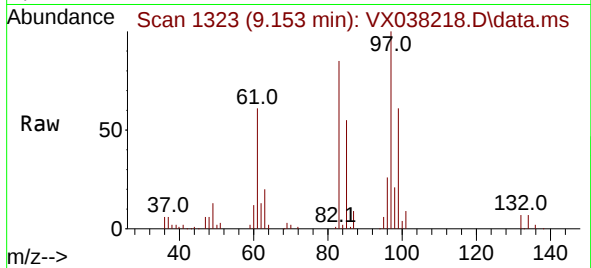
Tgt Ion: 75 Resp: 45663
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 52.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.463 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

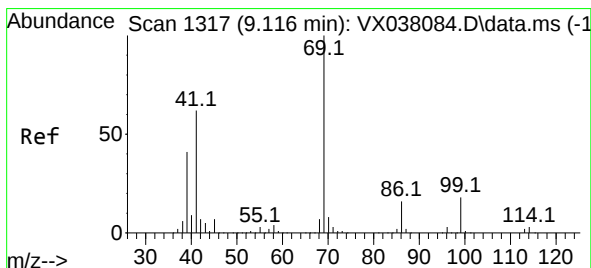
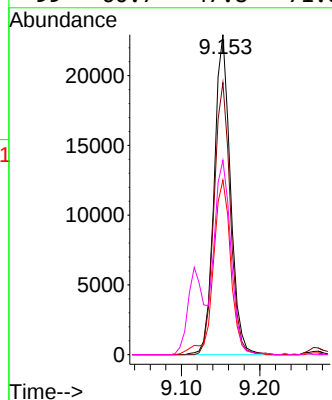
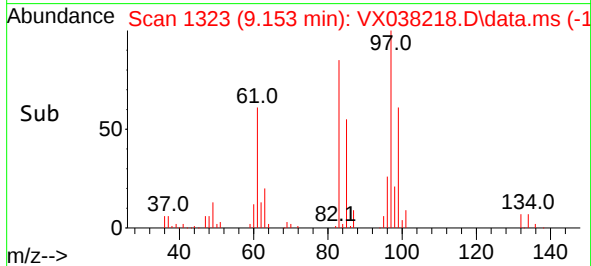
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.8	98.8
85	54.5	41.6	62.4
99	60.7	47.8	71.8

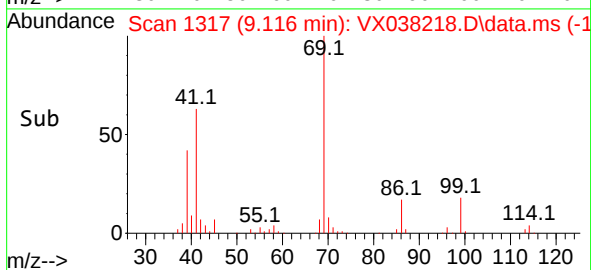
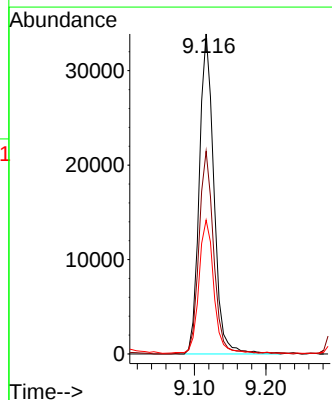
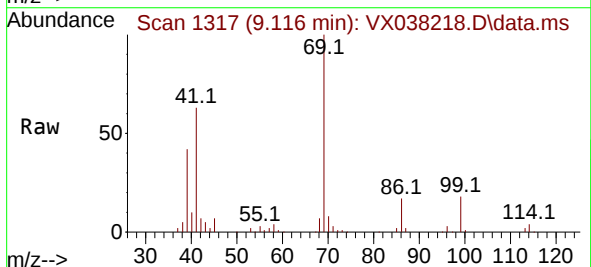
Manual Integrations
APPROVED

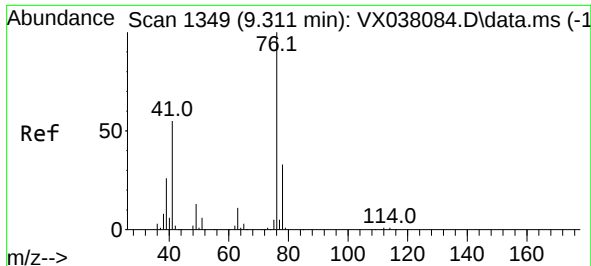
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#56
Ethyl methacrylate
Concen: 20.307 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.8	85.2
39	42.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.145 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 76 Resp: 5267

Ion Ratio Lower Upper

76 100

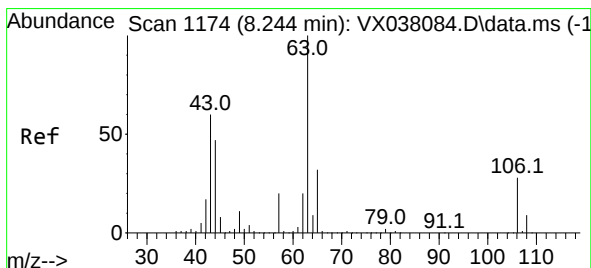
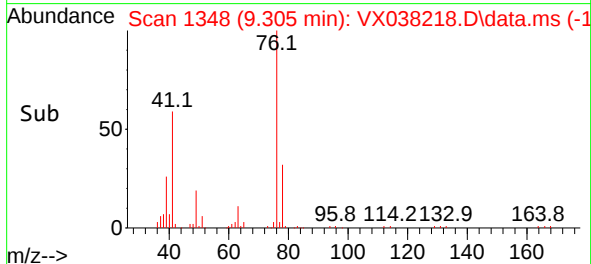
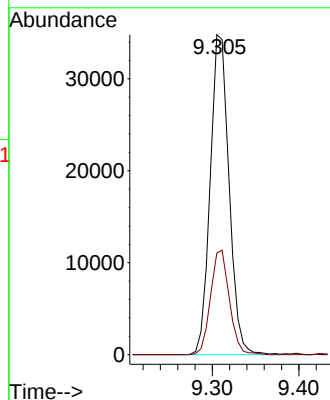
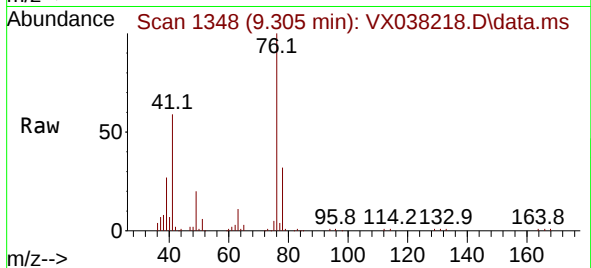
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.525 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038218.D

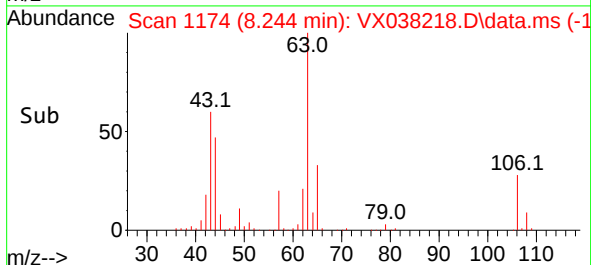
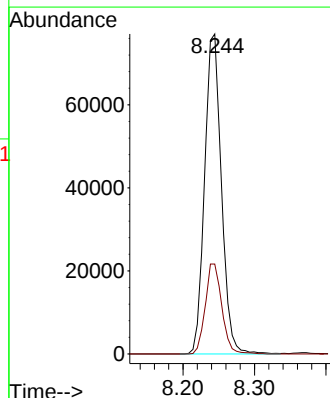
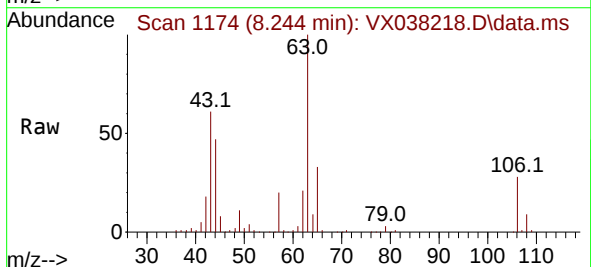
Acq: 11 Oct 2023 10:50

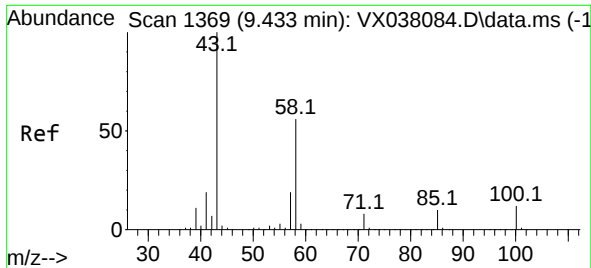
Tgt Ion: 63 Resp: 125802

Ion Ratio Lower Upper

63 100

106 27.8 22.5 33.7





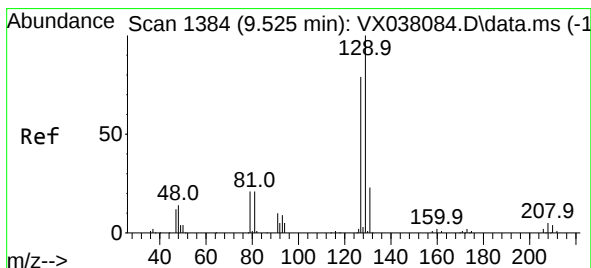
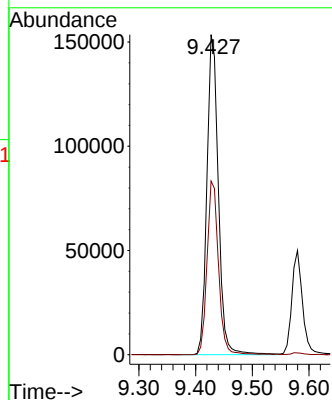
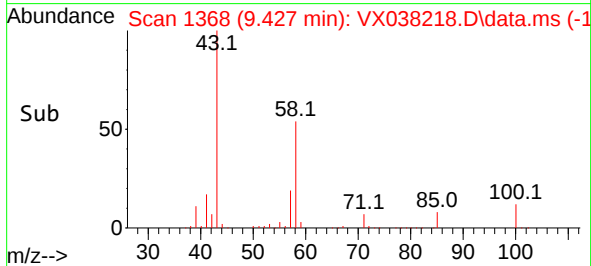
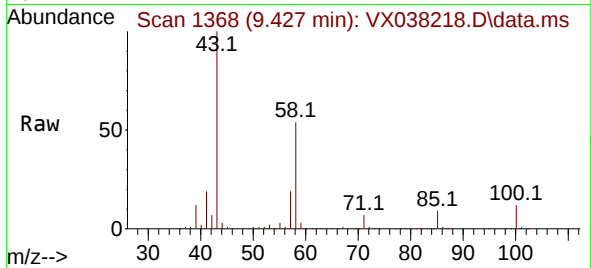
#59
2-Hexanone
Concen: 110.612 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 43 Resp: 21493
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.5

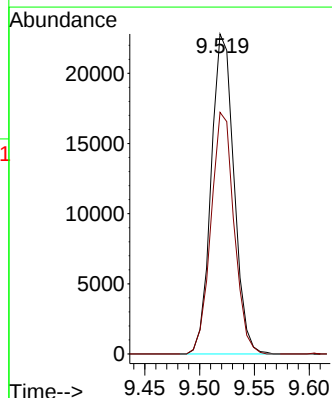
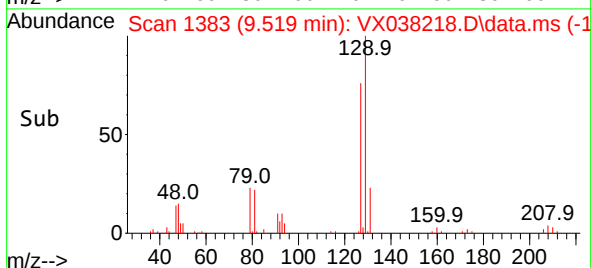
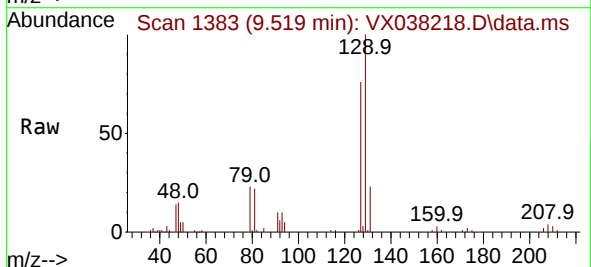
Manual Integrations
APPROVED

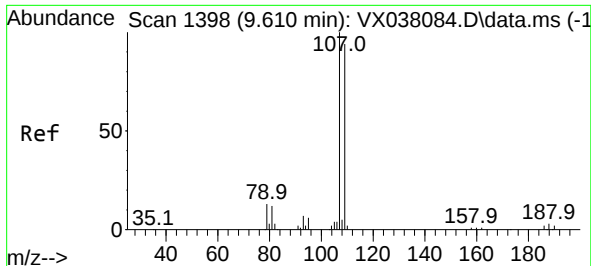
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#60
Dibromochloromethane
Concen: 21.853 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

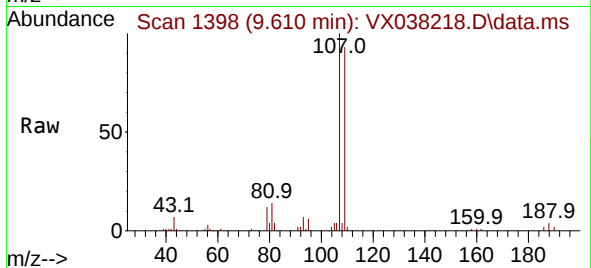
Tgt Ion:129 Resp: 32942
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.164 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

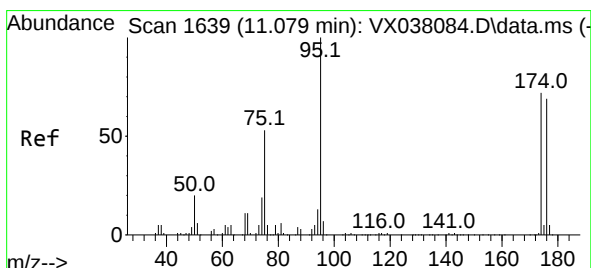
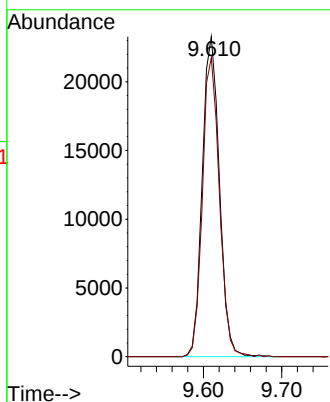
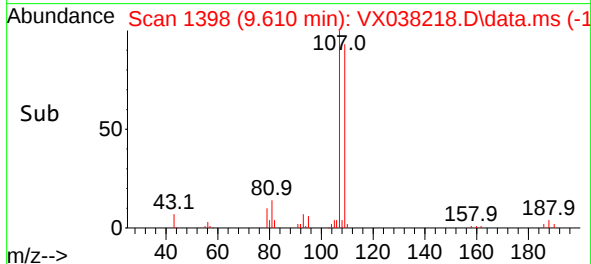
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



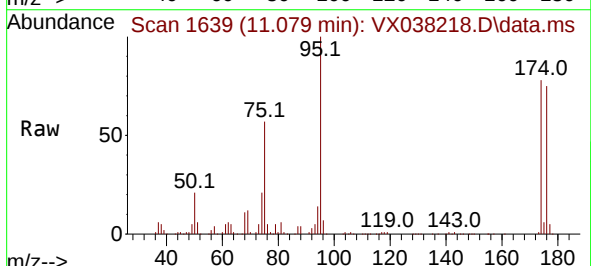
Tgt Ion:107 Resp: 35252
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

Manual Integrations
APPROVED

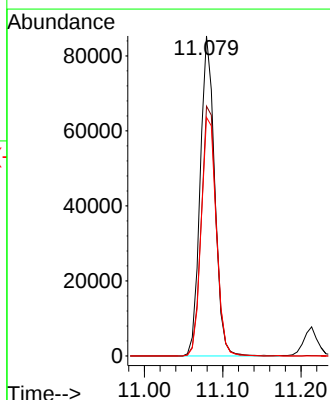
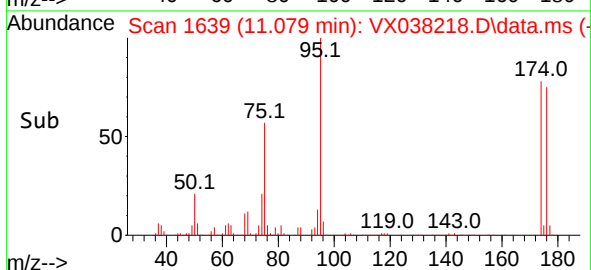
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

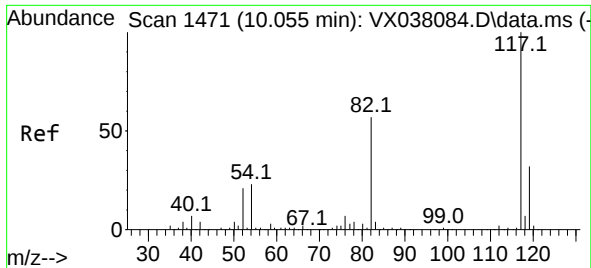


#62
4-Bromofluorobenzene
Concen: 52.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



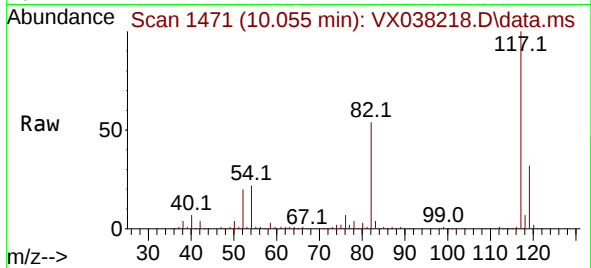
Tgt Ion: 95 Resp: 109241
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 77.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

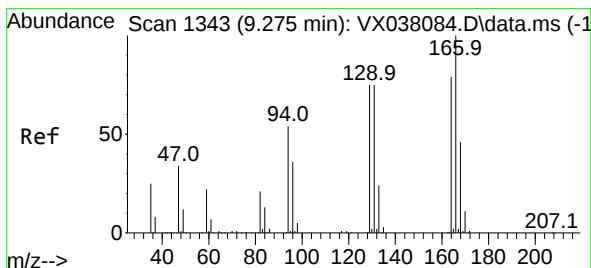
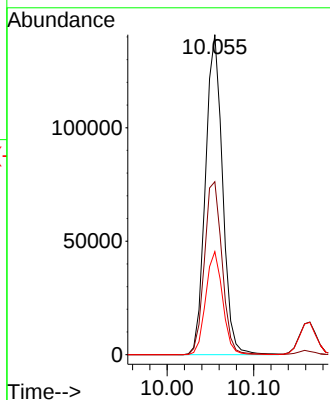
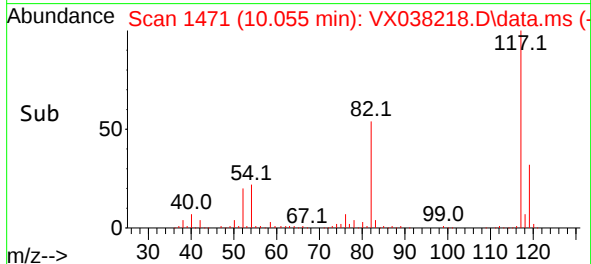
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion:117 Resp: 19326
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.2 25.5 38.3

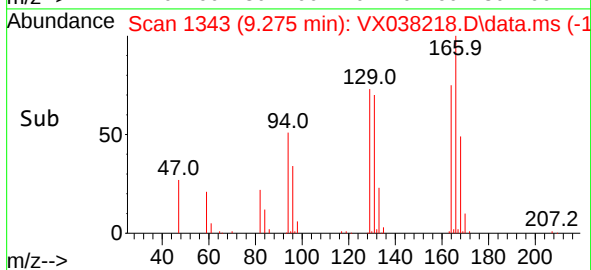
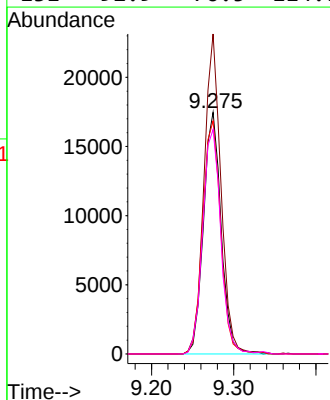
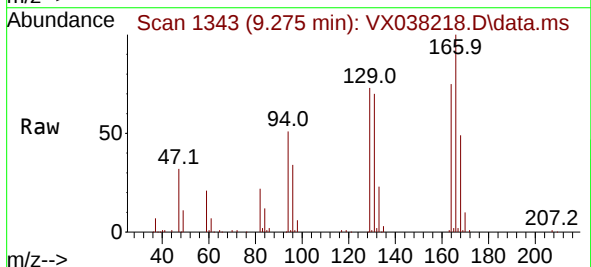
Manual Integrations
APPROVED

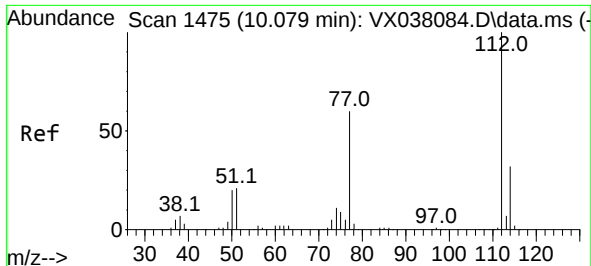
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 20.767 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion:164 Resp: 25982
Ion Ratio Lower Upper
164 100
166 132.5 102.7 154.1
129 96.5 80.4 120.6
131 92.9 76.5 114.7





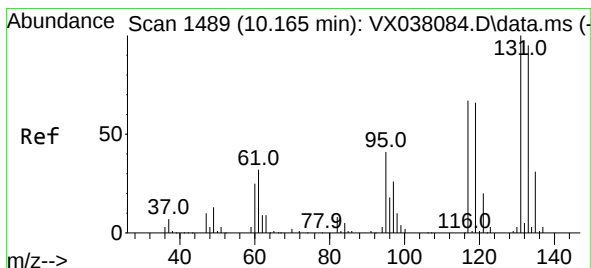
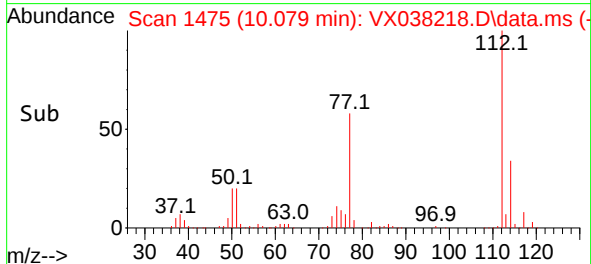
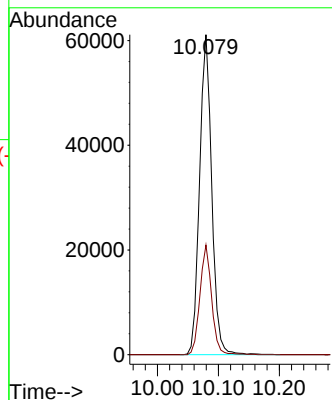
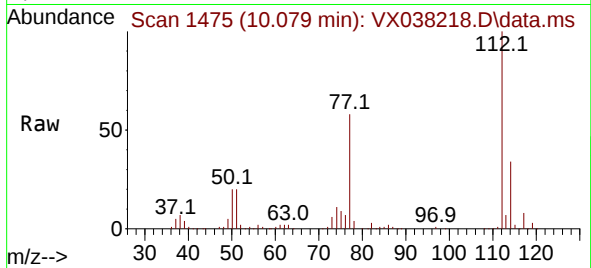
#65
Chlorobenzene
Concen: 20.920 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion:112 Resp: 8460
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5

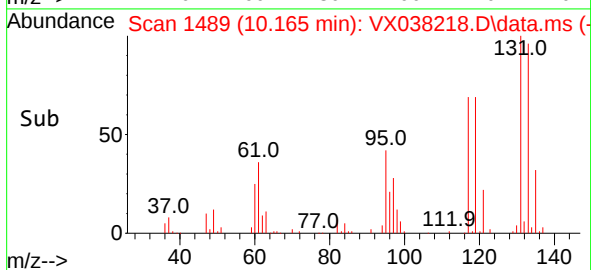
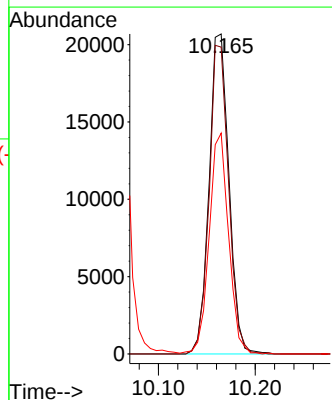
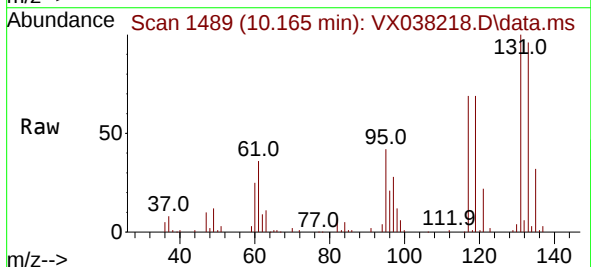
Manual Integrations
APPROVED

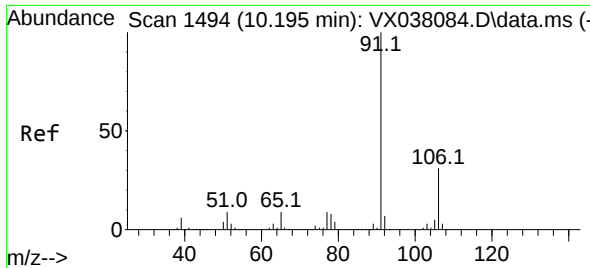
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.611 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

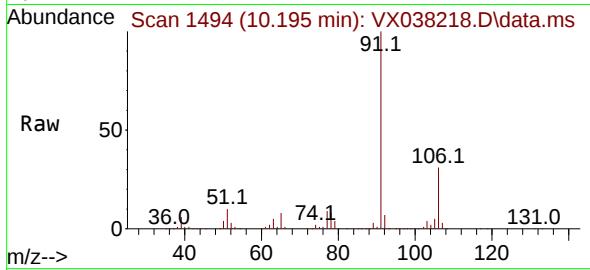
Tgt Ion:131 Resp: 29554
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 67.4 32.2 96.6





#67
Ethyl Benzene
Concen: 20.869 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

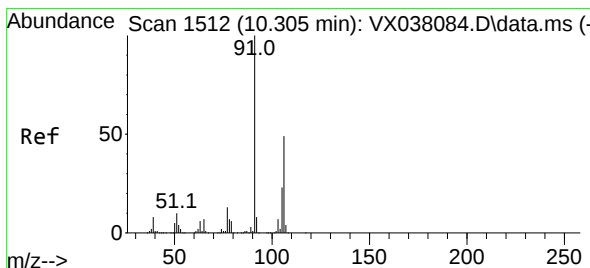
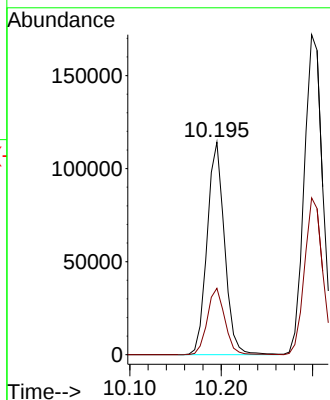
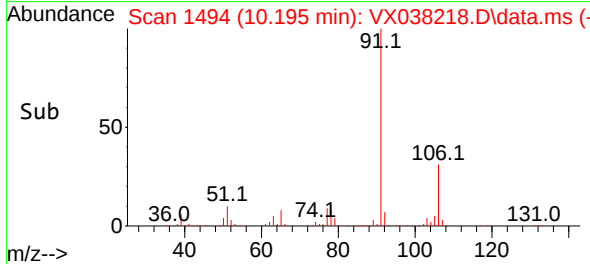
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



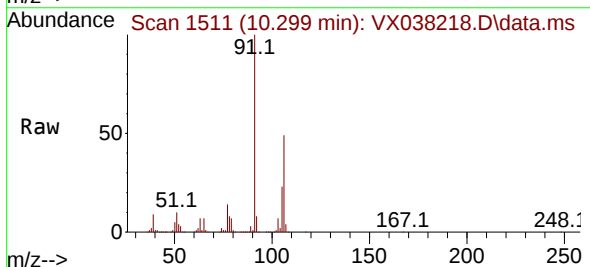
Tgt Ion: 91 Resp: 150640
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

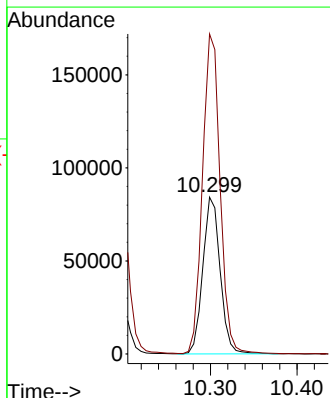
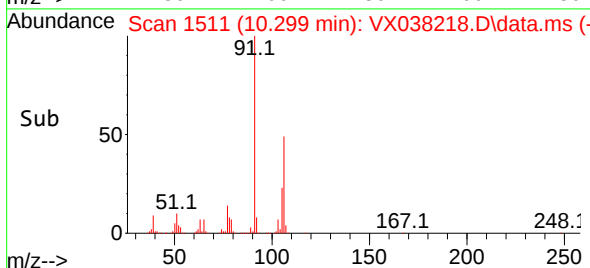
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

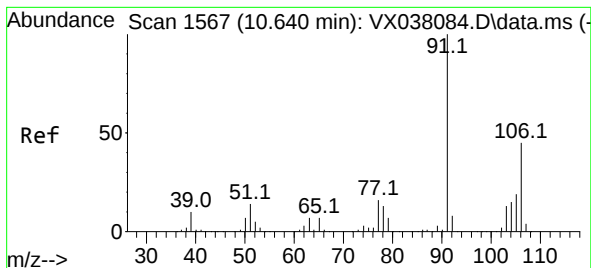


#68
m/p-Xylenes
Concen: 41.916 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



Tgt Ion:106 Resp: 116997
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





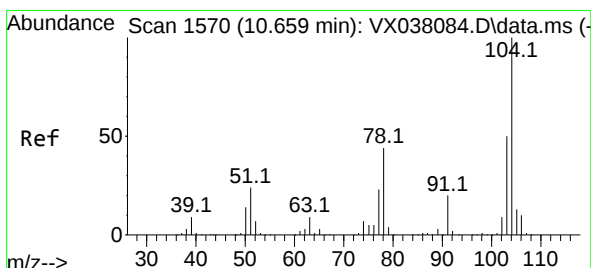
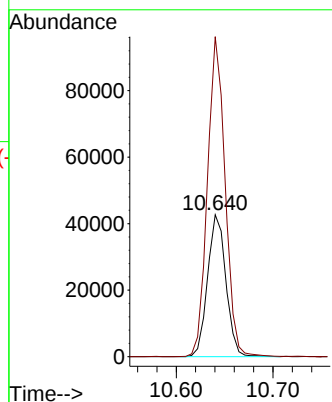
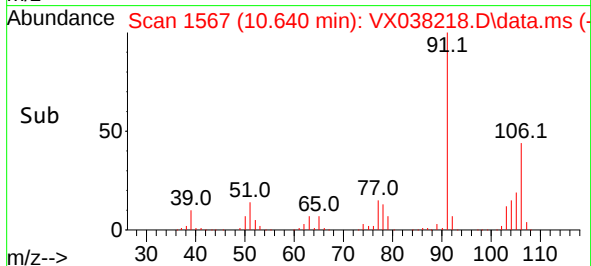
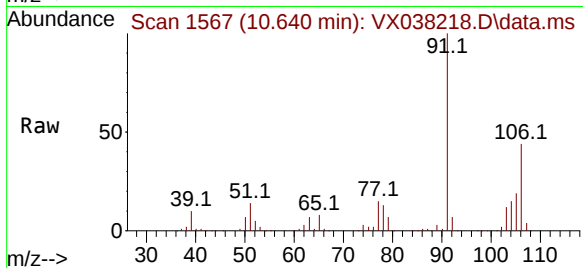
#69
o-Xylene
Concen: 20.657 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion:106 Resp: 56270
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8

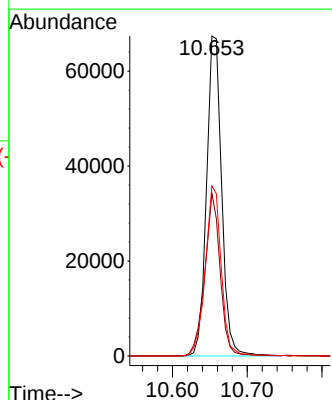
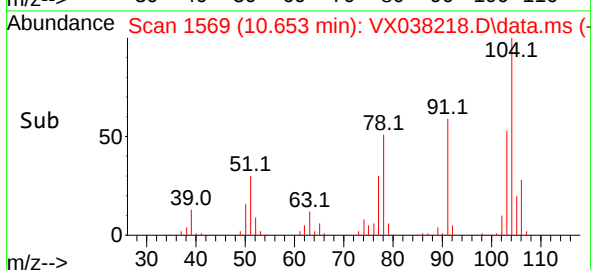
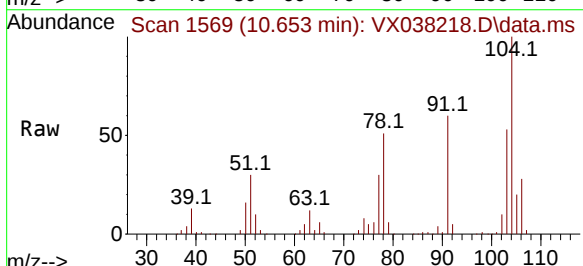
Manual Integrations
APPROVED

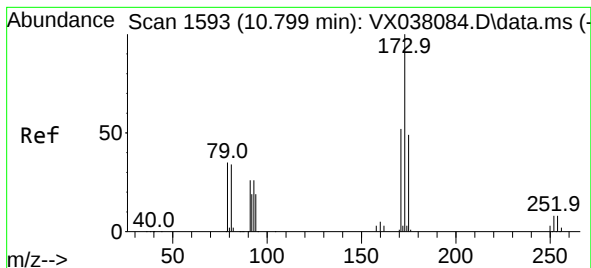
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 21.355 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

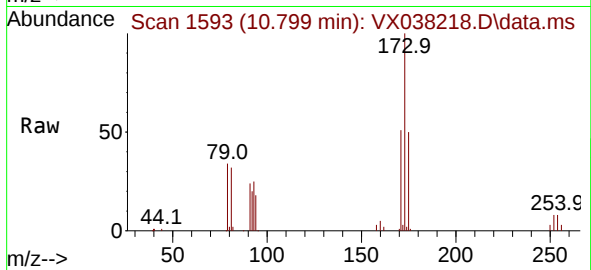
Tgt Ion:104 Resp: 94740
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 20.174 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

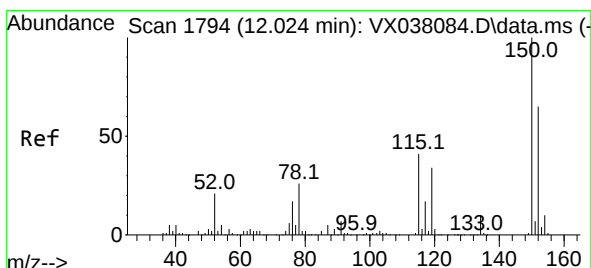
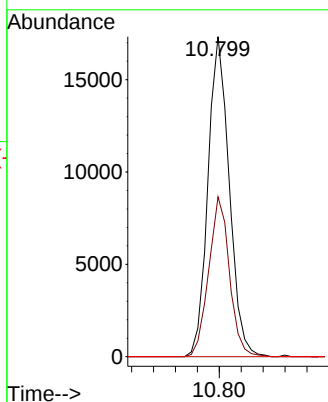
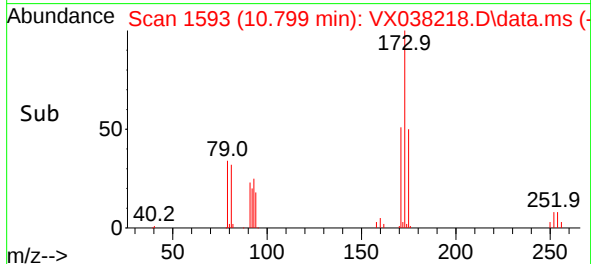
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion:173 Resp: 2329
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

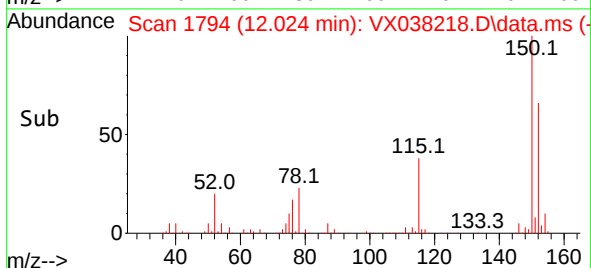
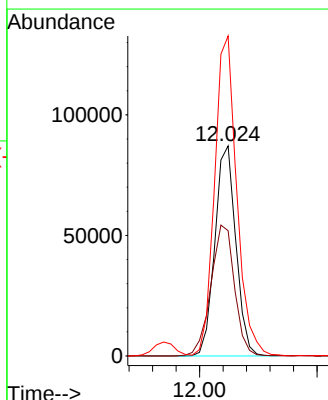
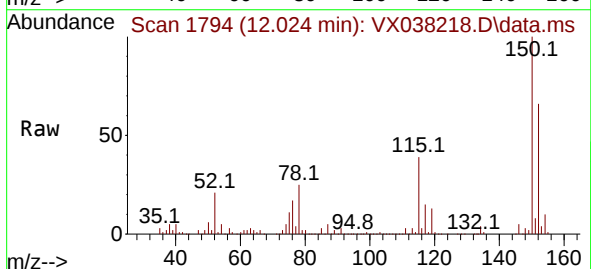
Manual Integrations
APPROVED

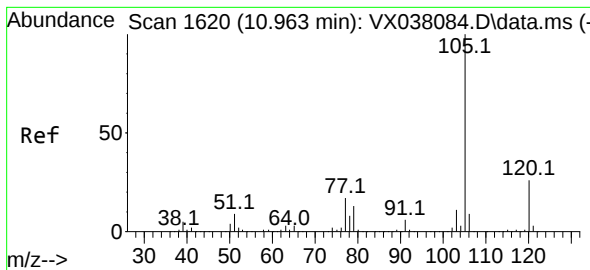
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion:152 Resp: 108099
Ion Ratio Lower Upper
152 100
115 70.3 43.3 129.9
150 160.5 0.0 345.0





#73

Isopropylbenzene

Concen: 20.938 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion:105 Resp: 15178

Ion Ratio Lower Upper

105 100

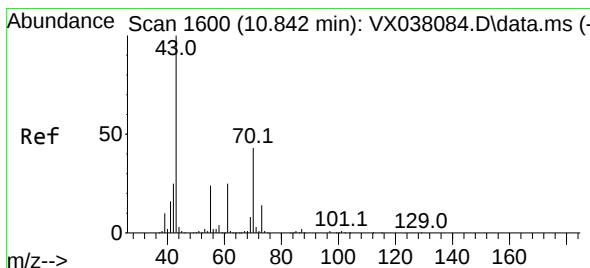
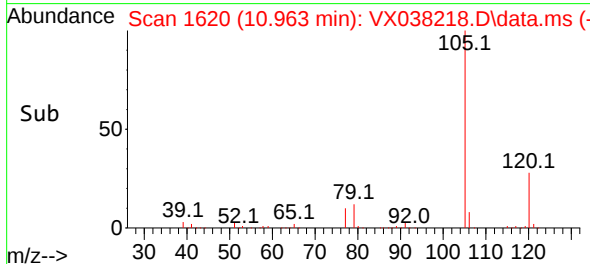
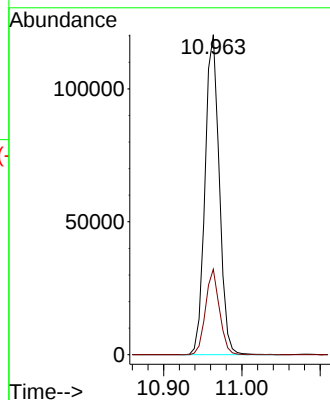
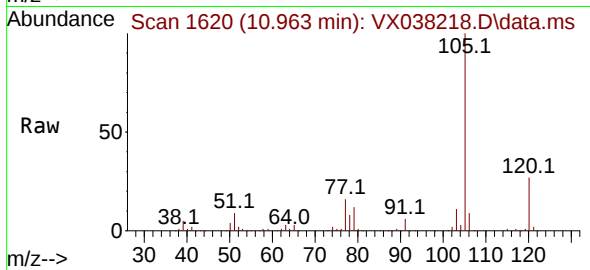
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#74

N-ethyl acetate

Concen: 20.074 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion: 43 Resp: 62146

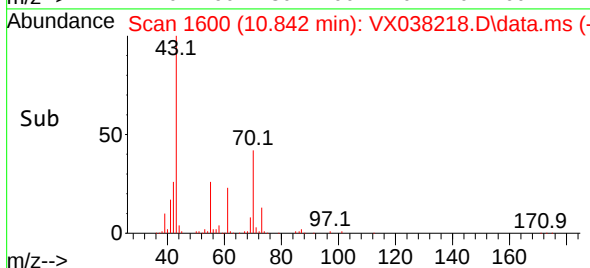
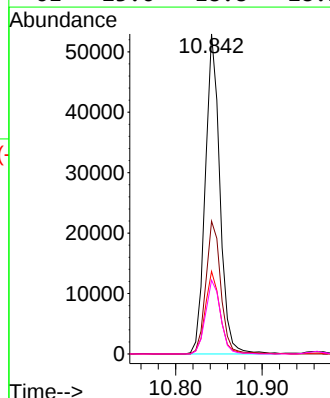
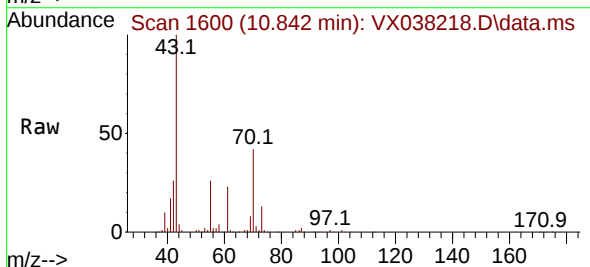
Ion Ratio Lower Upper

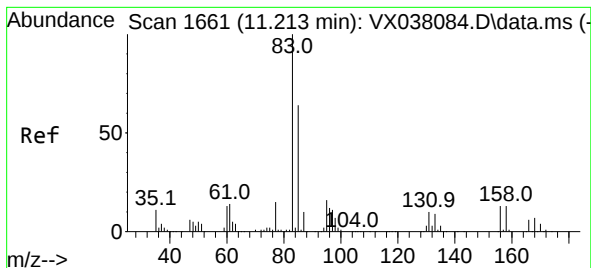
43 100

70 42.6 32.9 49.3

55 26.1 19.3 28.9

61 23.6 18.8 28.2





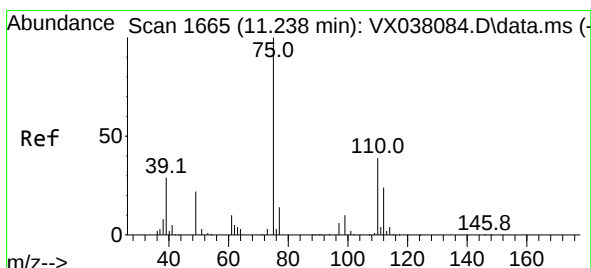
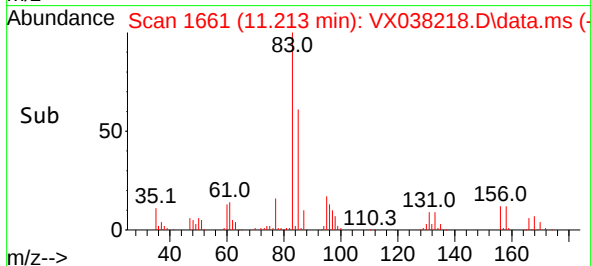
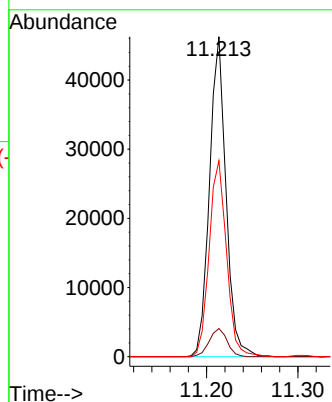
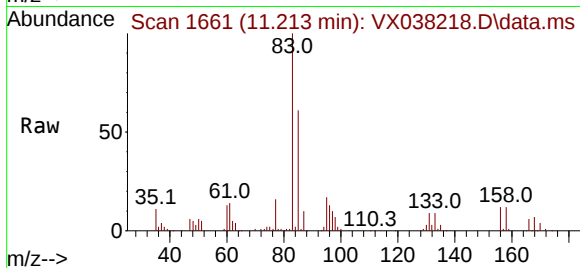
#75
1,1,2,2-Tetrachloroethane
Concen: 21.779 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 83 Resp: 57930
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.4 32.0 96.2

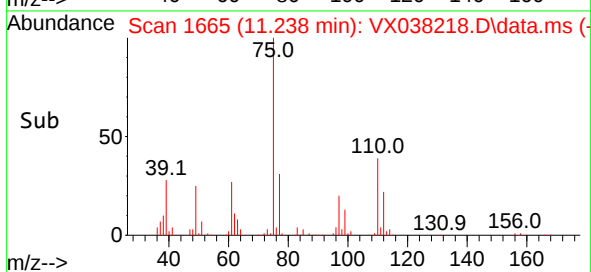
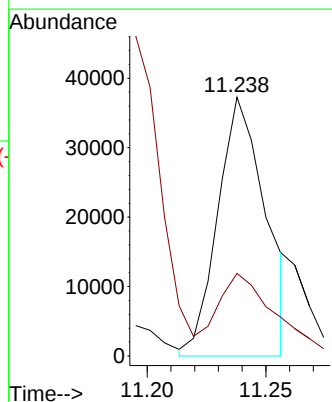
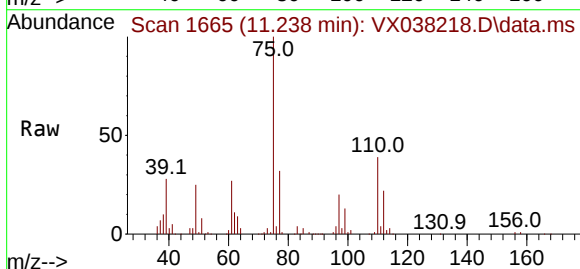
Manual Integrations
APPROVED

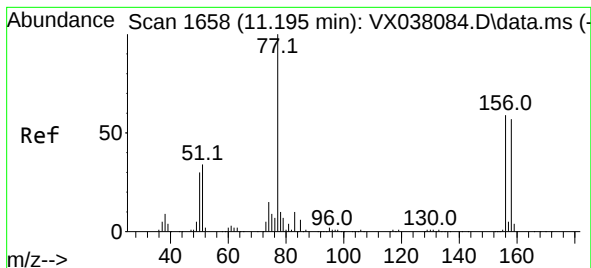
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#76
1,2,3-Trichloropropane
Concen: 21.163 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion: 75 Resp: 52007
Ion Ratio Lower Upper
75 100
77 38.8 19.1 57.5





#77

Bromobenzene

Concen: 21.117 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion:156 Resp: 37374

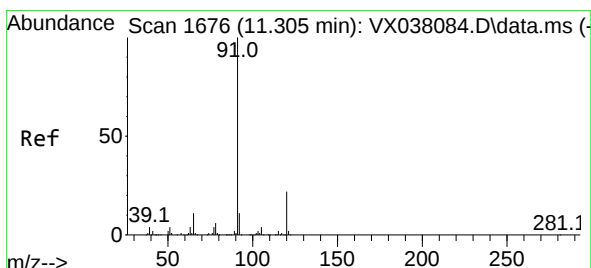
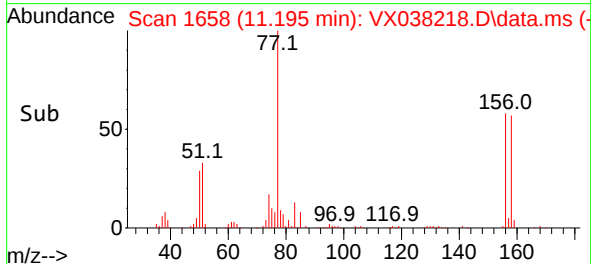
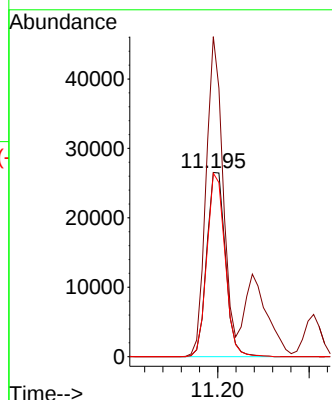
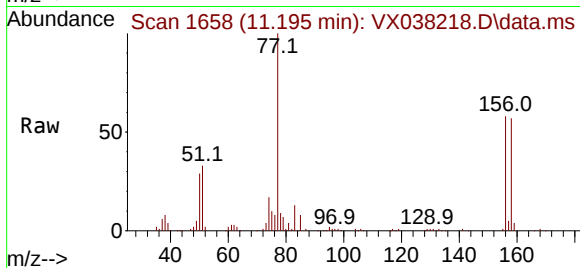
Ion	Ratio	Lower	Upper
156	100		
77	158.1	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 20.679 ug/l

RT: 11.305 min Scan# 1676

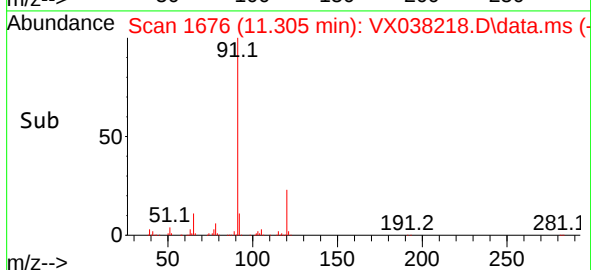
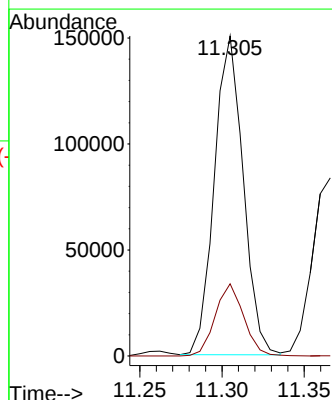
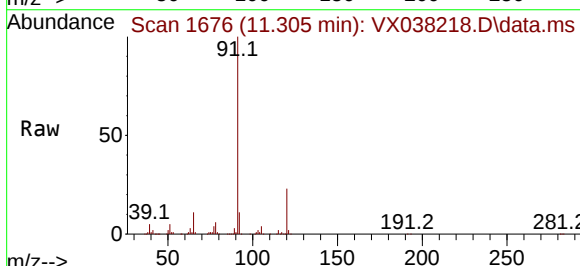
Delta R.T. -0.000 min

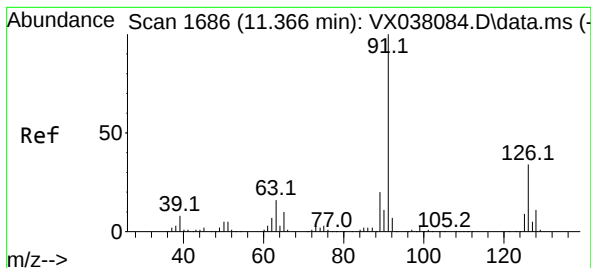
Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion: 91 Resp: 183300

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.4





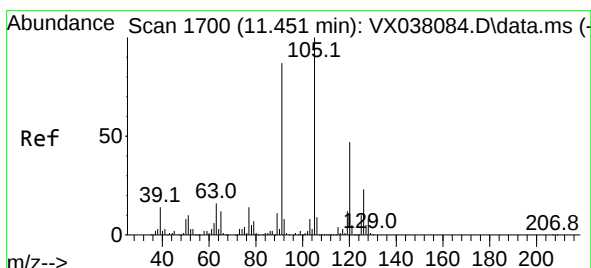
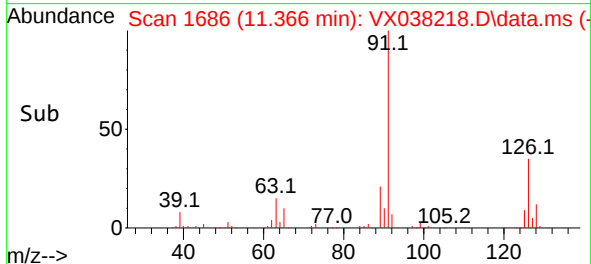
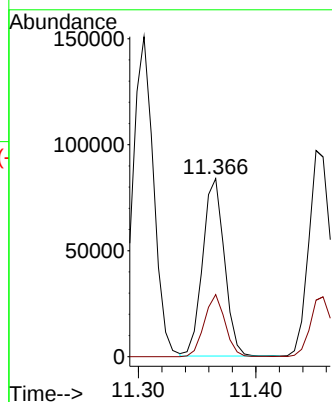
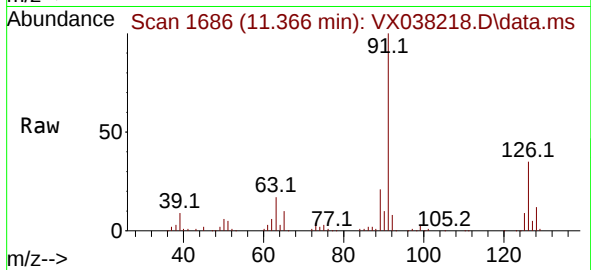
#79
2-Chlorotoluene
Concen: 20.462 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tgt Ion: 91 Resp: 107568
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

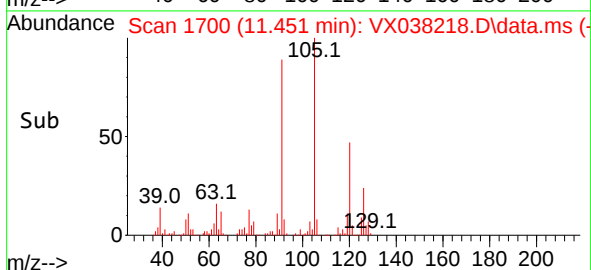
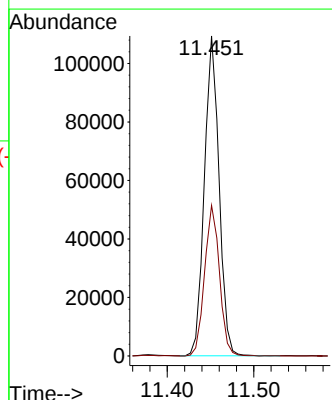
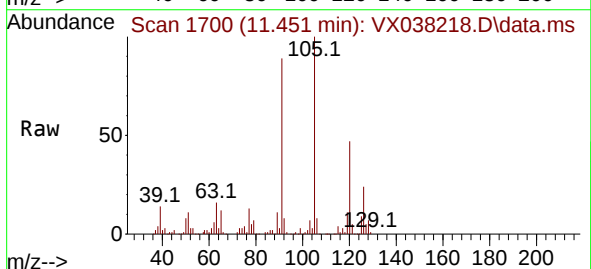
Manual Integrations
APPROVED

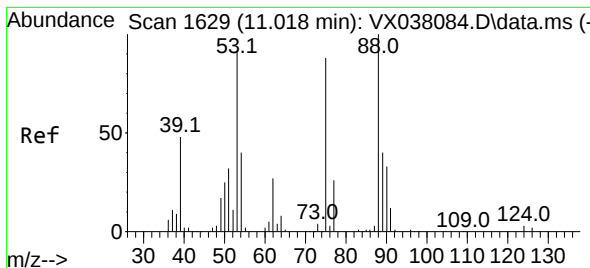
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.571 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

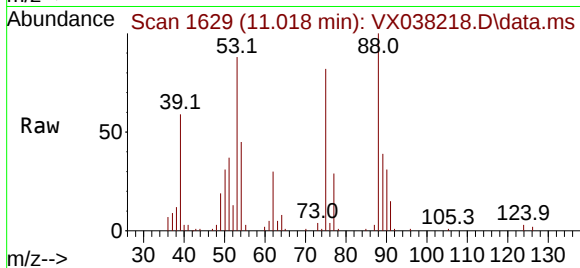
Tgt Ion:105 Resp: 128661
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.981 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

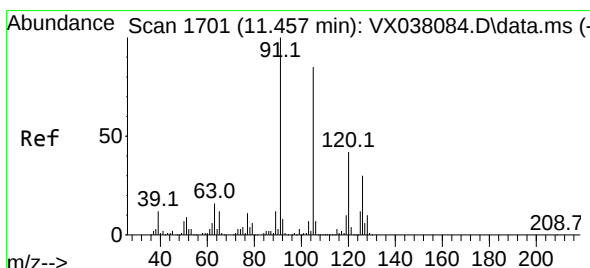
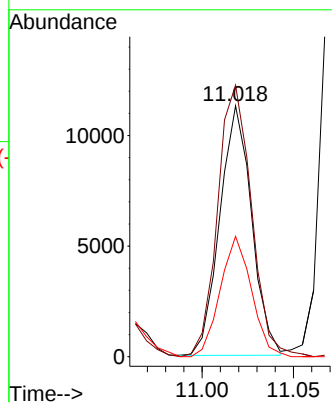
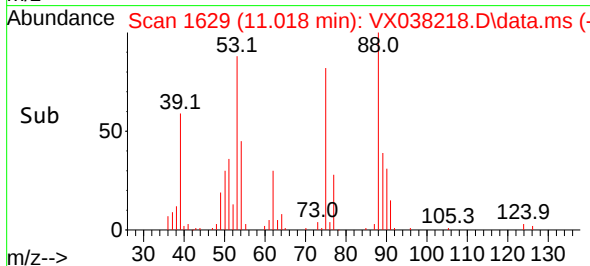
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



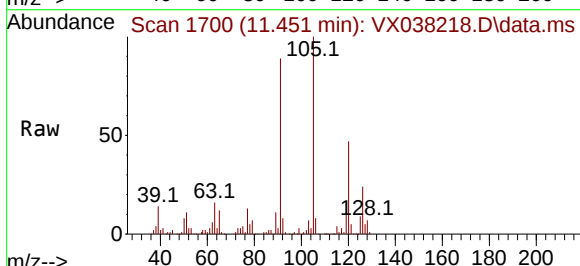
Tgt Ion: 75 Resp: 13684
Ion Ratio Lower Upper
75 100
53 115.4 90.5 135.7
89 47.4 36.9 55.3

Manual Integrations
APPROVED

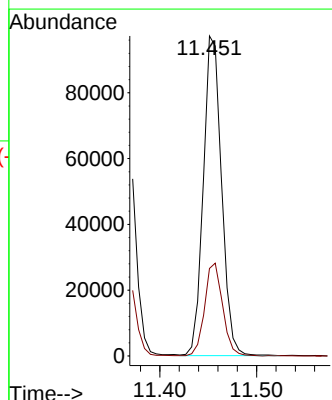
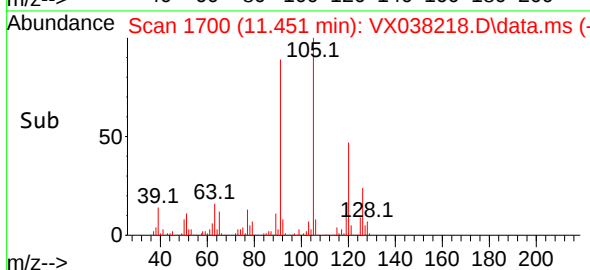
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

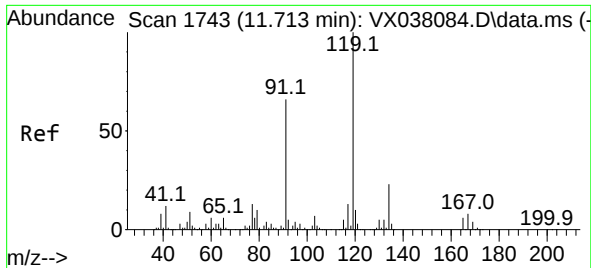


#82
4-Chlorotoluene
Concen: 20.518 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



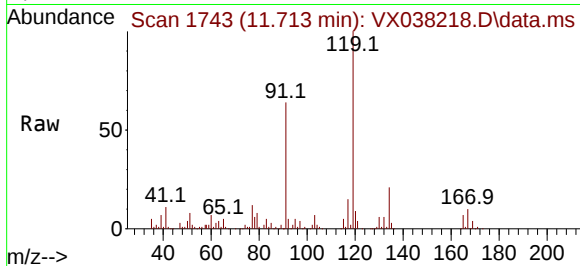
Tgt Ion: 91 Resp: 127639
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.770 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

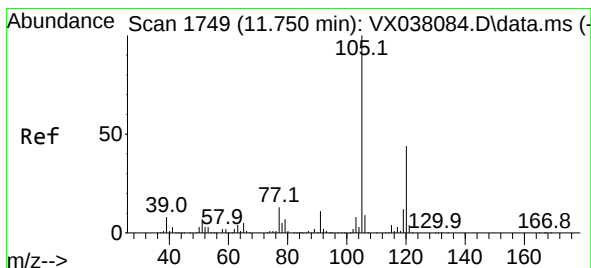
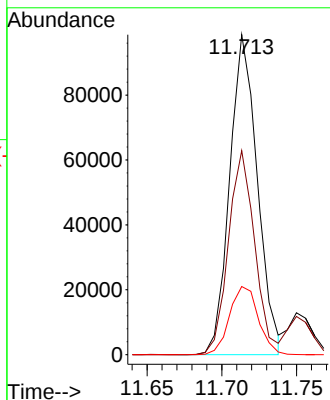
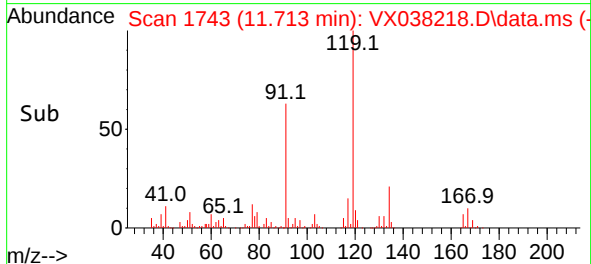
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion:119 Resp: 126938
Ion Ratio Lower Upper
119 100
91 60.7 31.2 93.6
134 22.2 11.7 35.0

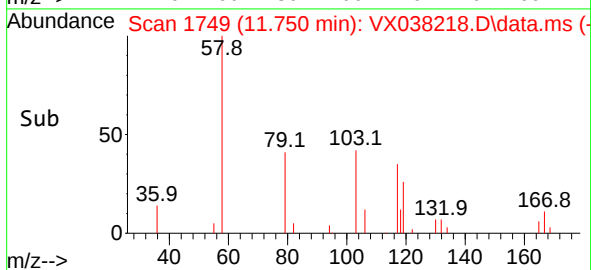
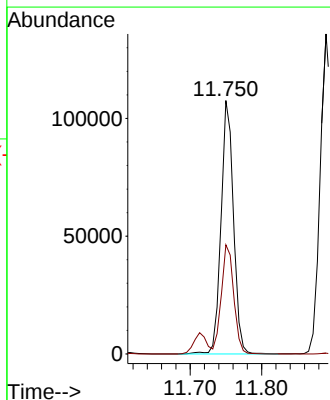
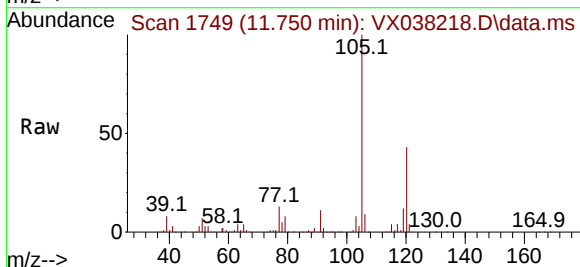
Manual Integrations
APPROVED

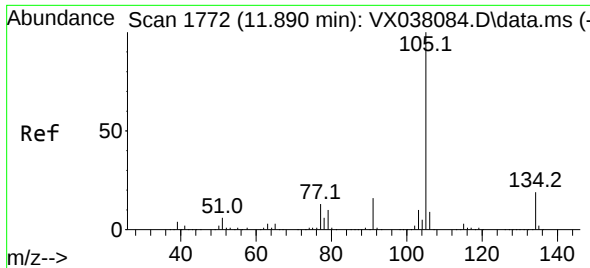
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.886 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

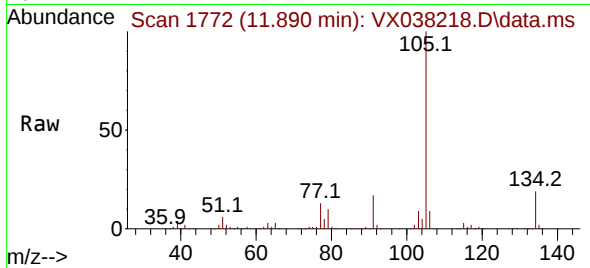
Tgt Ion:105 Resp: 130246
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.895 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

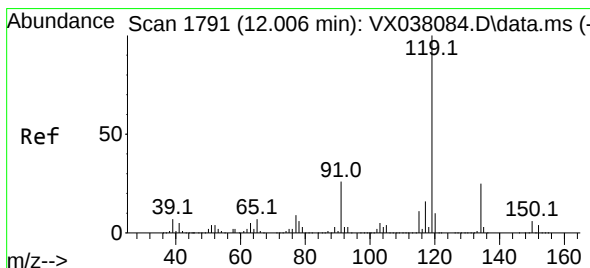
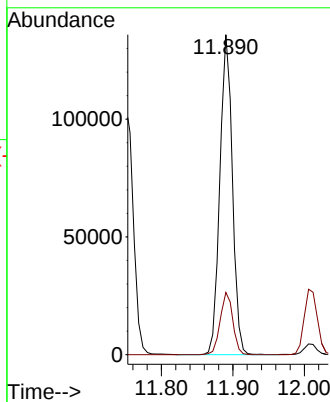
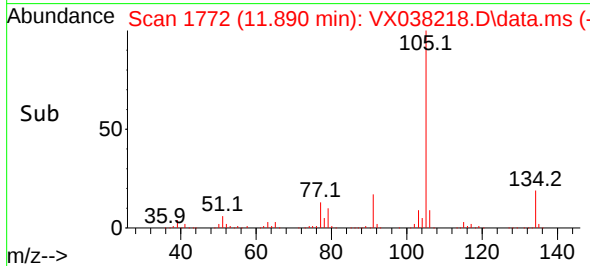
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01



Tgt Ion:105 Resp: 165410
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

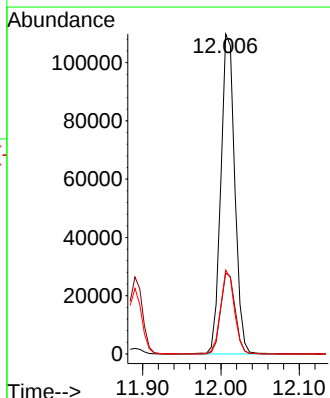
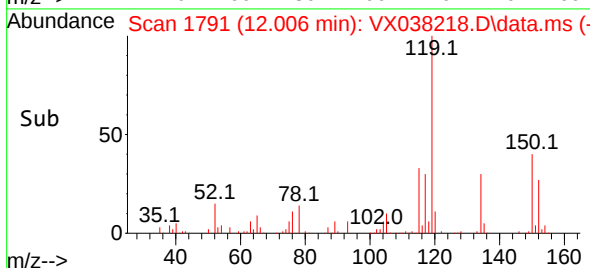
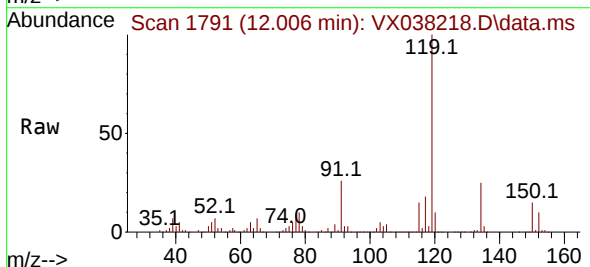
Manual Integrations
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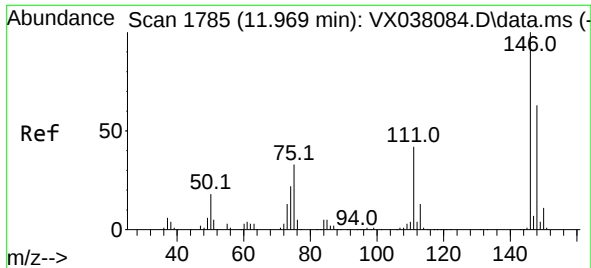
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#86
 p-Isopropyltoluene
 Concen: 20.919 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038218.D
 Acq: 11 Oct 2023 10:50

Tgt Ion:119 Resp: 136630
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.198 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion:146 Resp: 71802

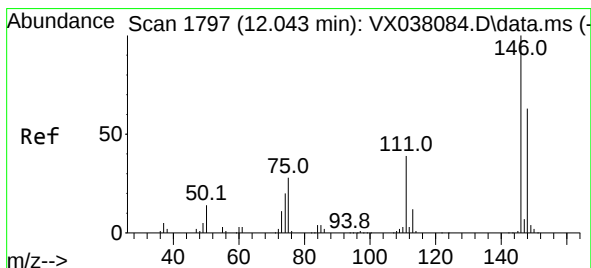
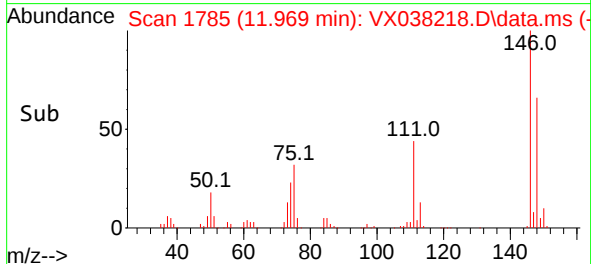
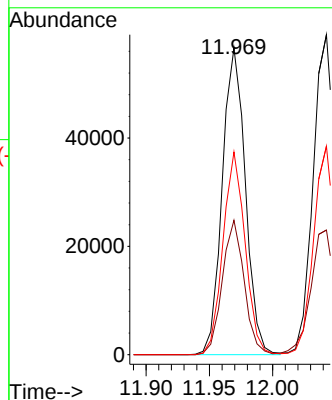
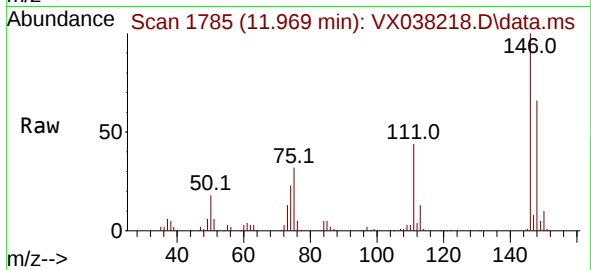
Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#88

1,4-Dichlorobenzene

Concen: 20.581 ug/l

RT: 12.043 min Scan# 1797

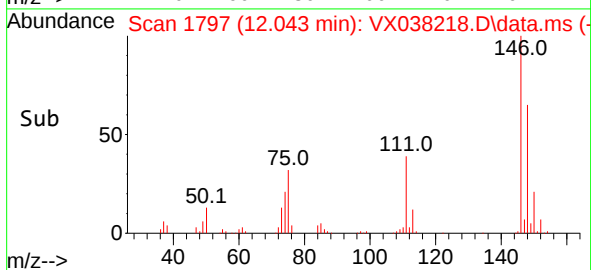
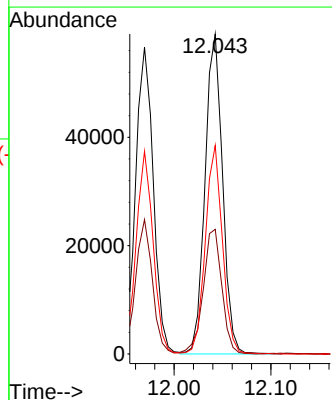
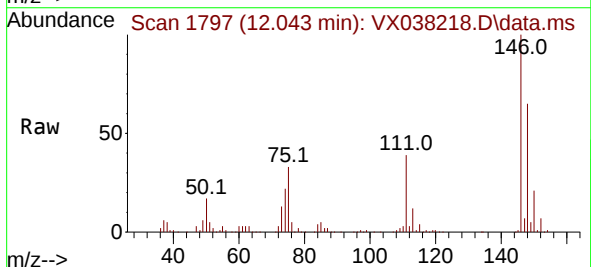
Delta R.T. -0.000 min

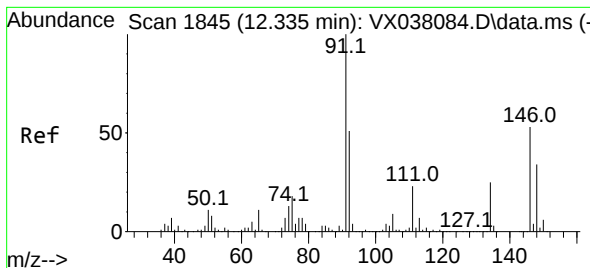
Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Tgt Ion:146 Resp: 74695

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	63.5	31.8	95.4





#89

n-Butylbenzene

Concen: 19.921 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

Tgt Ion: 91 Resp: 129580

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

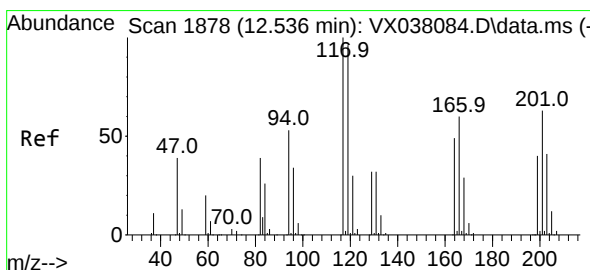
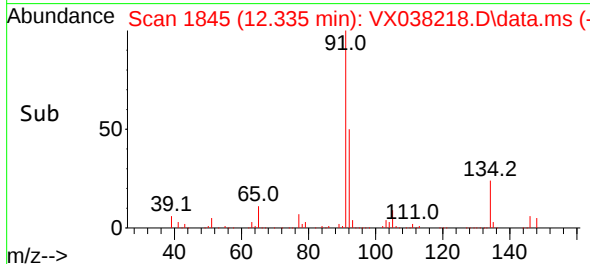
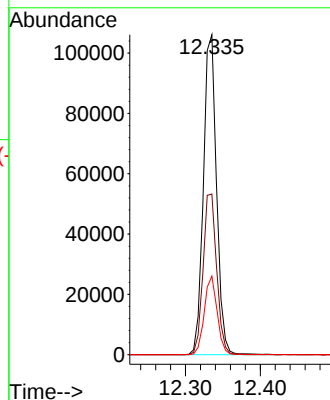
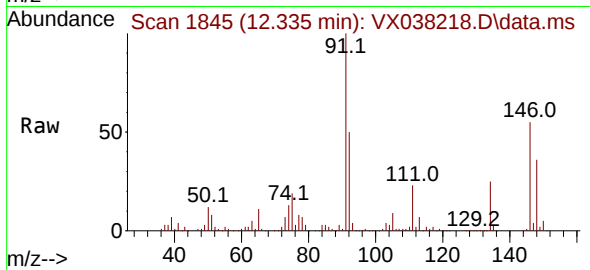
134 24.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#90

Hexachloroethane

Concen: 20.791 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038218.D

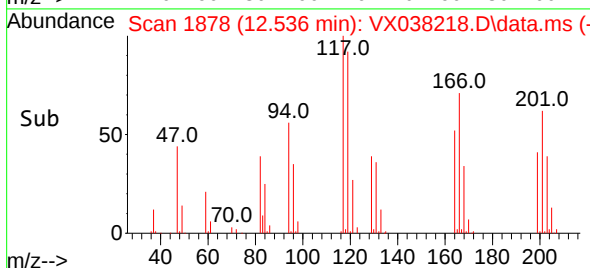
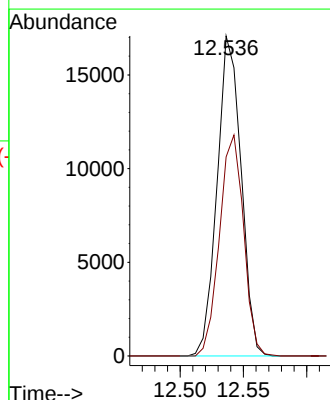
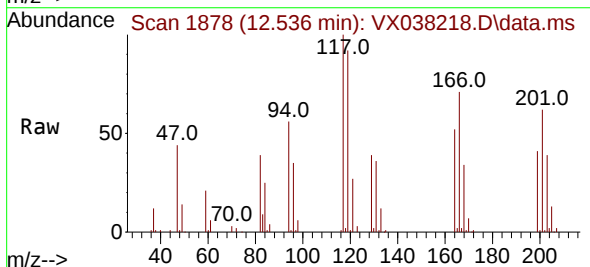
Acq: 11 Oct 2023 10:50

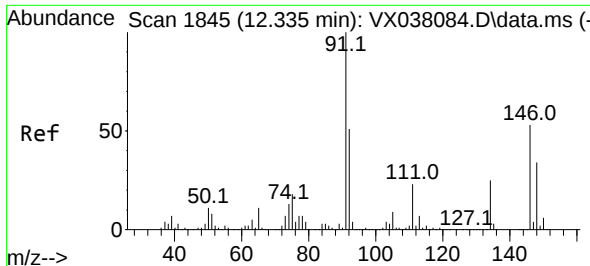
Tgt Ion:117 Resp: 22515

Ion Ratio Lower Upper

117 100

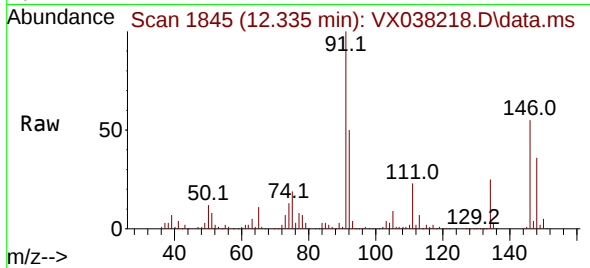
201 69.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.689 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

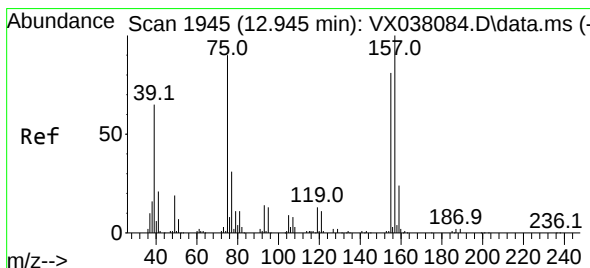
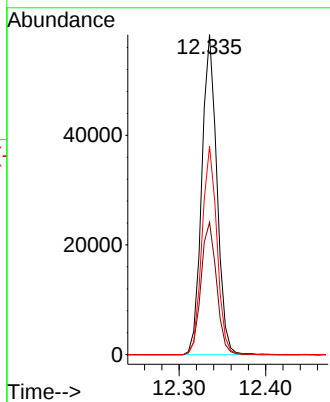
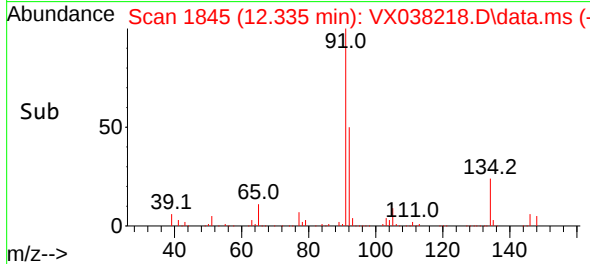
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



Tgt Ion:146 Resp: 7069
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 64.5 31.6 95.0

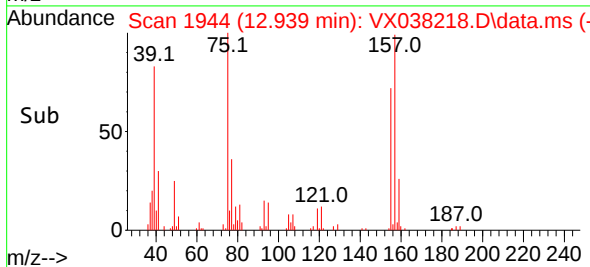
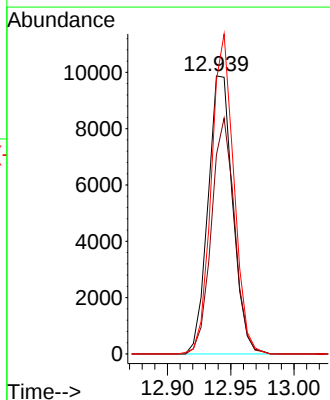
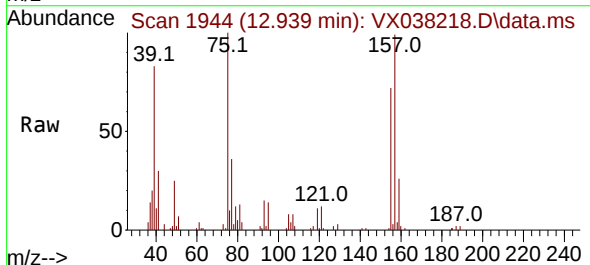
Manual Integrations
APPROVED

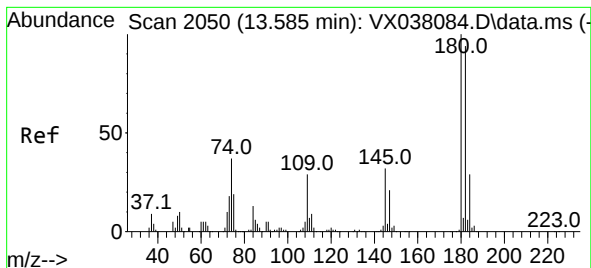
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.847 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

Tgt Ion: 75 Resp: 13408
Ion Ratio Lower Upper
75 100
155 79.4 36.1 108.5
157 104.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.382 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

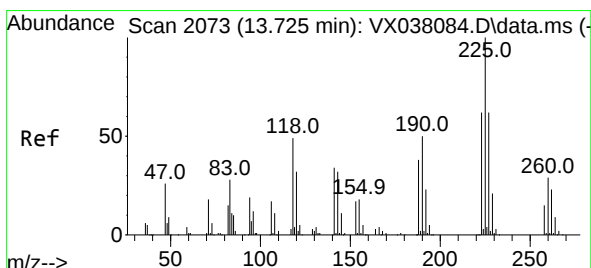
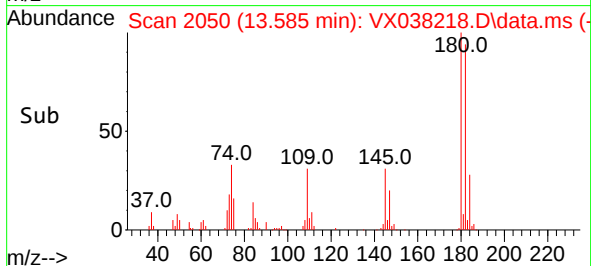
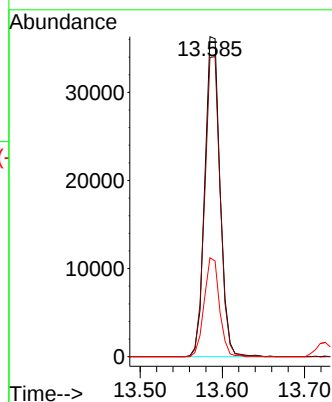
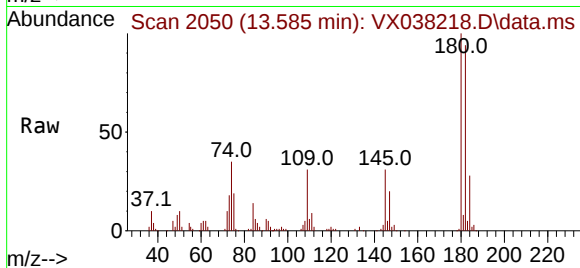
Tgt Ion:	180	Resp:	4671
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.3	144.8
145	30.9	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#94

Hexachlorobutadiene

Concen: 21.347 ug/l

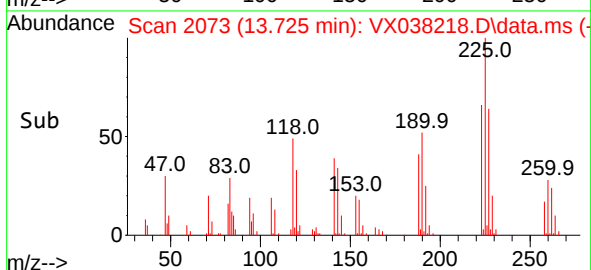
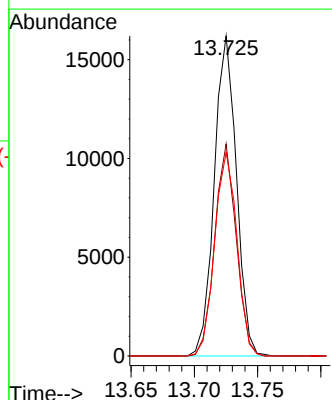
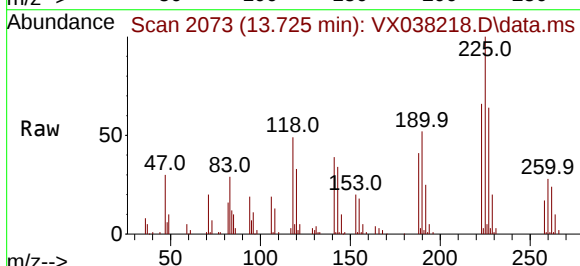
RT: 13.725 min Scan# 2073

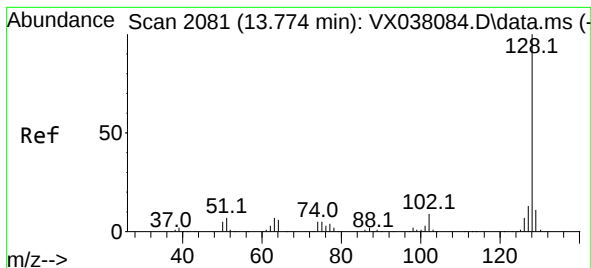
Delta R.T. 0.000 min

Lab File: VX038218.D

Acq: 11 Oct 2023 10:50

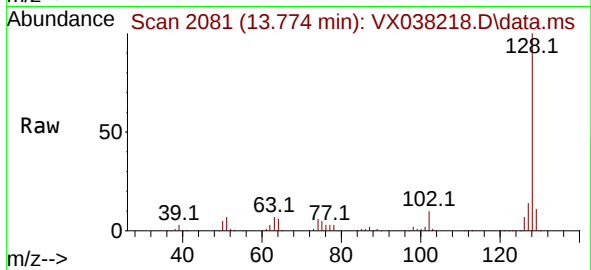
Tgt Ion:	225	Resp:	19692
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.1	93.2
227	64.1	32.5	97.5





#95
Naphthalene
Concen: 19.402 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50

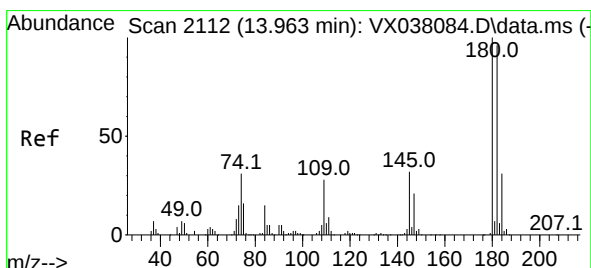
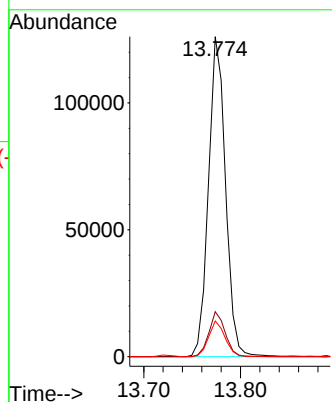
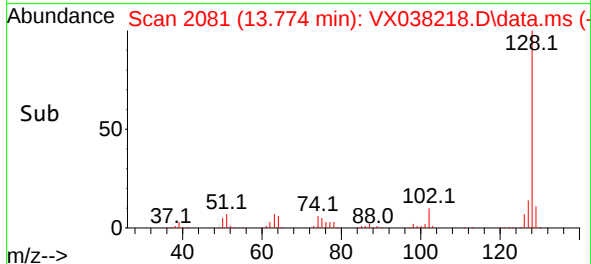
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01



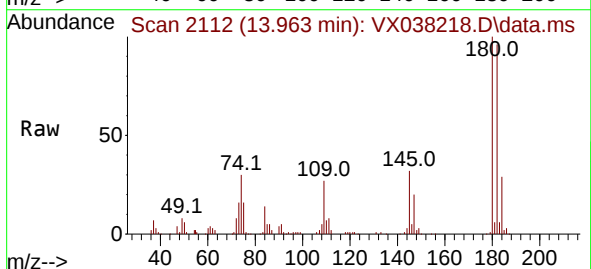
Tgt Ion:128 Resp: 154854
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.492 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038218.D
Acq: 11 Oct 2023 10:50



Tgt Ion:180 Resp: 45474
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 32.6 17.8 53.5

