

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038950.D
 Acq On : 20 Nov 2023 12:01
 Operator : JC/MD
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 00:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	209848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106327	52.645	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.379	113	83397	51.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	8.647	98	306336	49.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.079	95	121988	49.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28846	19.723	ug/l	99
3) Chloromethane	1.294	50	31067	16.275	ug/l	99
4) Vinyl Chloride	1.374	62	31783	17.285	ug/l	100
5) Bromomethane	1.605	94	22441	29.518	ug/l	98
6) Chloroethane	1.685	64	20406	19.446	ug/l	94
7) Trichlorofluoromethane	1.886	101	45452	19.479	ug/l	98
8) Diethyl Ether	2.130	74	18840	18.538	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	28007	18.099	ug/l	97
10) Methyl Iodide	2.453	142	31809	16.889	ug/l	91
11) Tert butyl alcohol	2.947	59	59283	105.534	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	26941	17.245	ug/l	93
13) Acrolein	2.233	56	32809	110.394	ug/l	98
14) Allyl chloride	2.666	41	54653	17.473	ug/l	94
15) Acrylonitrile	3.056	53	110150	92.800	ug/l	99
16) Acetone	2.373	43	120836	112.388	ug/l #	89
17) Carbon Disulfide	2.514	76	73615	15.212	ug/l	99
18) Methyl Acetate	2.697	43	97270	19.047	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	105538	19.207	ug/l	100
20) Methylene Chloride	2.788	84	36250	18.703	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	28934	16.785	ug/l	98
22) Diisopropyl ether	3.757	45	106718	18.598	ug/l	91
23) Vinyl Acetate	3.715	43	389685	94.296	ug/l	100
24) 1,1-Dichloroethane	3.611	63	56872	17.724	ug/l	100
25) 2-Butanone	4.544	43	172620	99.006	ug/l	98
26) 2,2-Dichloropropane	4.477	77	50498	18.143	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	35112	17.475	ug/l	99
28) Bromochloromethane	4.891	49	30558	19.835	ug/l	96
29) Tetrahydrofuran	4.995	42	107494	97.100	ug/l	99
30) Chloroform	5.092	83	58624	18.710	ug/l	97
31) Cyclohexane	5.470	56	50319	17.450	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	50484	18.602	ug/l	100
36) 1,1-Dichloropropene	5.690	75	41918	18.188	ug/l	98
37) Ethyl Acetate	4.708	43	59453	19.800	ug/l	99
38) Carbon Tetrachloride	5.678	117	43192	20.277	ug/l	98
39) Methylcyclohexane	7.379	83	53810	17.900	ug/l	98
40) Benzene	6.037	78	127475	18.701	ug/l	99

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 VX1120WBSD01

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31626	20.308	ug/l	92
42) 1,2-Dichloroethane	6.080	62	47936	21.225	ug/l	98
43) Isopropyl Acetate	6.330	43	93700	19.526	ug/l	97
44) Trichloroethene	7.123	130	31352	18.896	ug/l	96
45) 1,2-Dichloropropane	7.427	63	34265	18.679	ug/l	97
46) Dibromomethane	7.580	93	24421	19.963	ug/l	98
47) Bromodichloromethane	7.818	83	47062	19.383	ug/l	95
48) Methyl methacrylate	7.690	41	43624	18.737	ug/l	94
49) 1,4-Dioxane	7.653	88	18448	409.560	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	311147	101.462	ug/l	100
52) Toluene	8.714	92	79196	18.722	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	53785	18.641	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	56417	18.929	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	33978	19.251	ug/l	93
56) Ethyl methacrylate	9.116	69	58464	19.577	ug/l	95
57) 1,3-Dichloropropane	9.305	76	56068	19.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136971	98.458	ug/l	97
59) 2-Hexanone	9.427	43	249777	101.618	ug/l	98
60) Dibromochloromethane	9.519	129	35901	20.004	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36081	19.481	ug/l	100
64) Tetrachloroethene	9.269	164	25272	19.375	ug/l	93
65) Chlorobenzene	10.079	112	85163	18.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	30666	18.859	ug/l	96
67) Ethyl Benzene	10.189	91	155473	18.720	ug/l	98
68) m/p-Xylenes	10.299	106	117022	37.249	ug/l	98
69) o-Xylene	10.640	106	58050	18.674	ug/l	99
70) Styrene	10.652	104	96373	18.357	ug/l	98
71) Bromoform	10.799	173	25683	18.947	ug/l #	98
73) Isopropylbenzene	10.957	105	151607	18.411	ug/l	100
74) N-amyl acetate	10.841	43	78652	18.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	59758	18.590	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50045m	18.979	ug/l	
77) Bromobenzene	11.195	156	33831	18.284	ug/l	96
78) n-propylbenzene	11.305	91	187416	18.490	ug/l	99
79) 2-Chlorotoluene	11.360	91	109551	18.212	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130754	18.885	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20227	17.014	ug/l #	84
82) 4-Chlorotoluene	11.451	91	128020	18.457	ug/l	100
83) tert-Butylbenzene	11.713	119	125513	18.406	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129388	18.463	ug/l	99
85) sec-Butylbenzene	11.890	105	163580	18.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	131078	18.306	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67682	18.680	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68270	18.409	ug/l	98
89) n-Butylbenzene	12.329	91	128490	17.786	ug/l	97
90) Hexachloroethane	12.536	117	25789	18.036	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	65202	18.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14791	18.781	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	41738	18.124	ug/l	98
94) Hexachlorobutadiene	13.725	225	14993	18.384	ug/l	97
95) Naphthalene	13.774	128	155740	18.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41409	18.968	ug/l	99

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Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

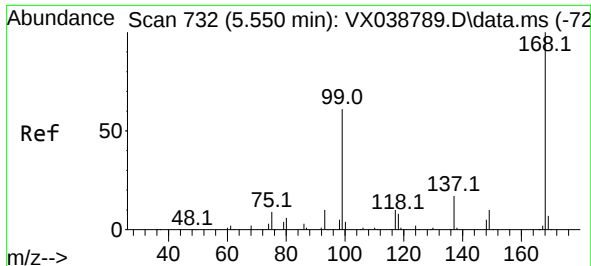
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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

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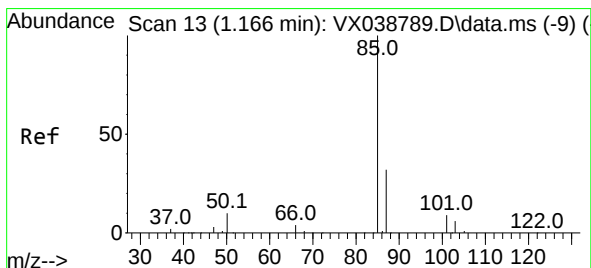
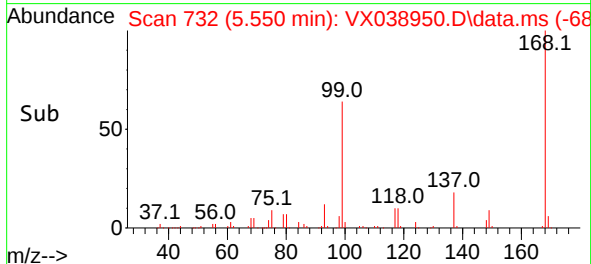
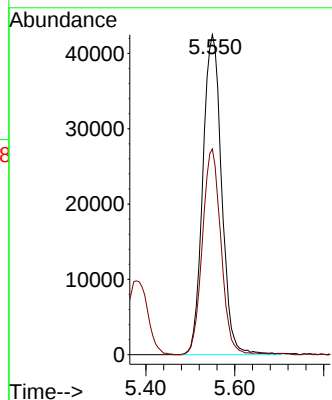
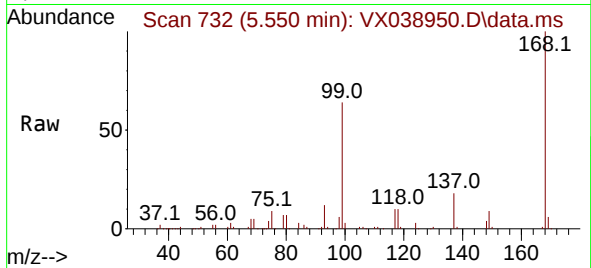
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion:168 Resp: 12534
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0

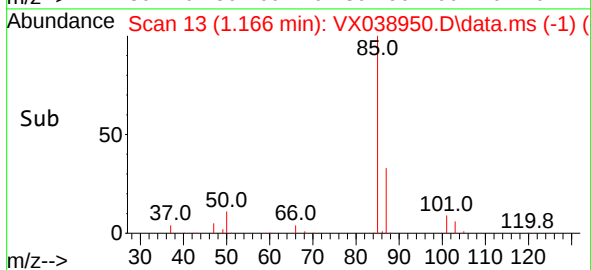
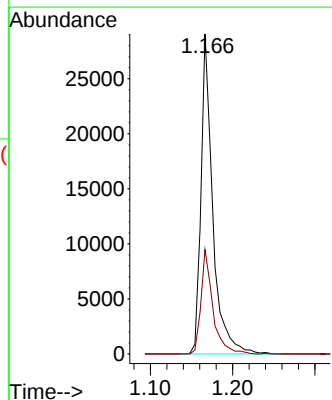
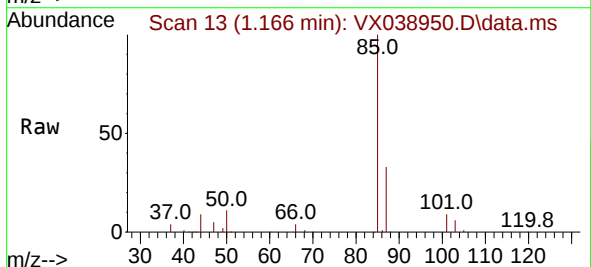
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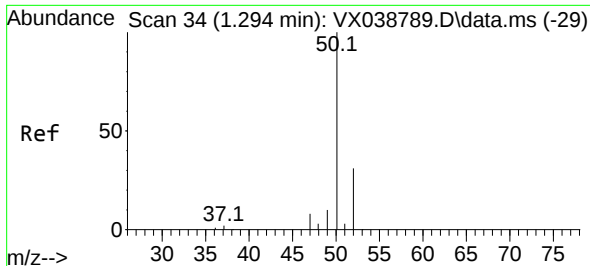
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Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 19.723 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

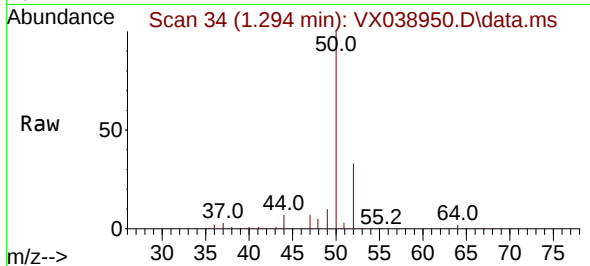
Tgt Ion: 85 Resp: 28846
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 16.275 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

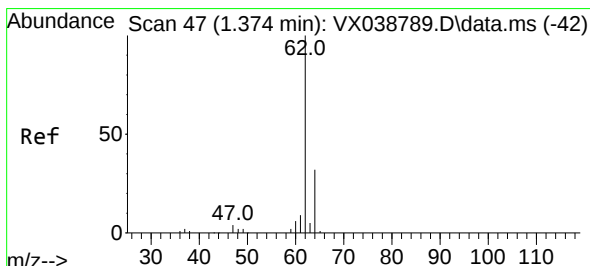
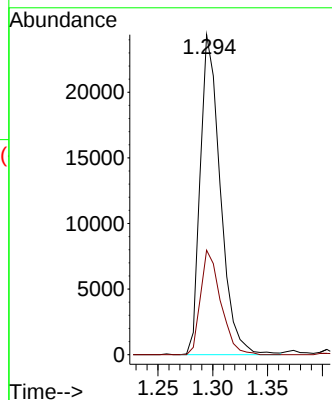
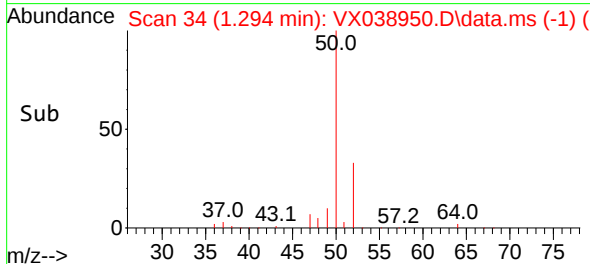
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 50 Resp: 3106
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

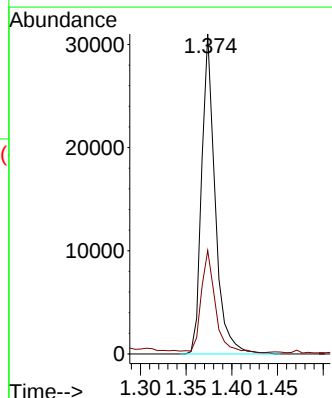
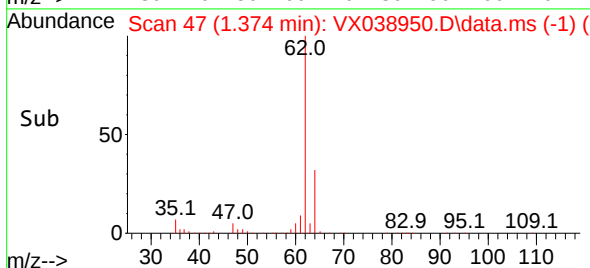
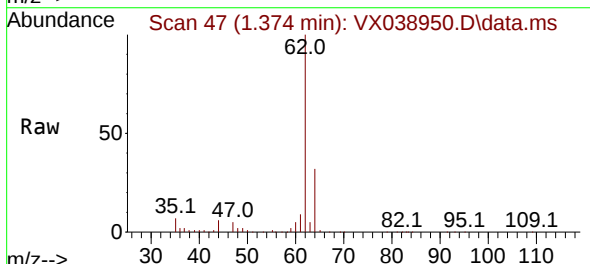
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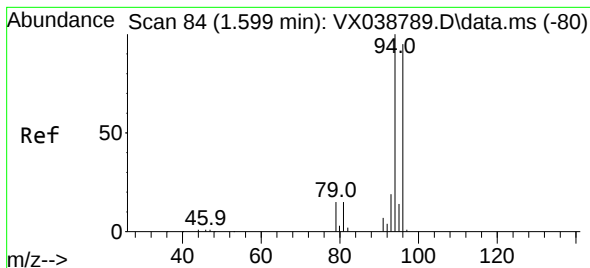
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#4
Vinyl Chloride
Concen: 17.285 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 62 Resp: 31783
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5

Bromomethane

Concen: 29.518 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 94 Resp: 2244

Ion Ratio Lower Upper

94 100

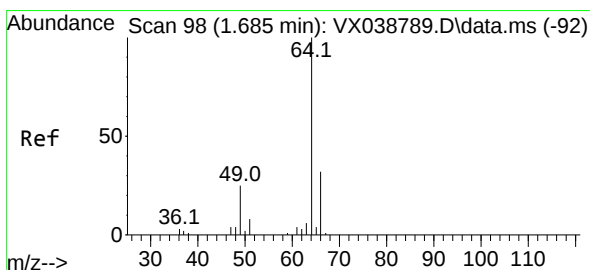
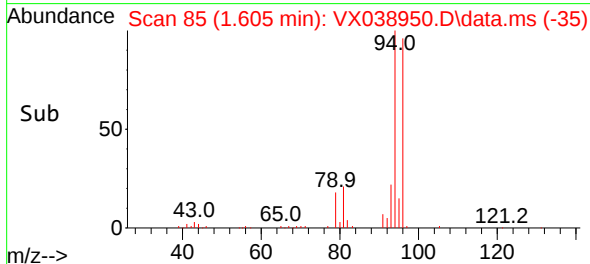
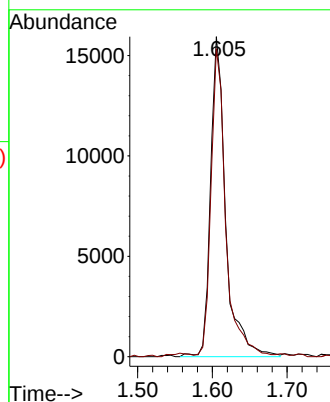
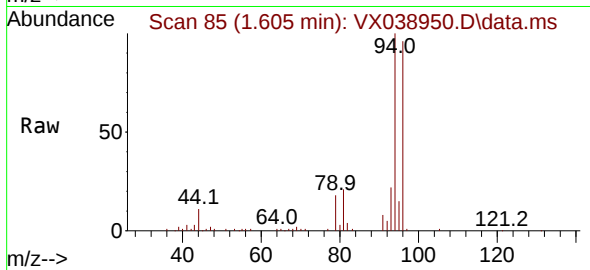
96 95.3 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#6

Chloroethane

Concen: 19.446 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX038950.D

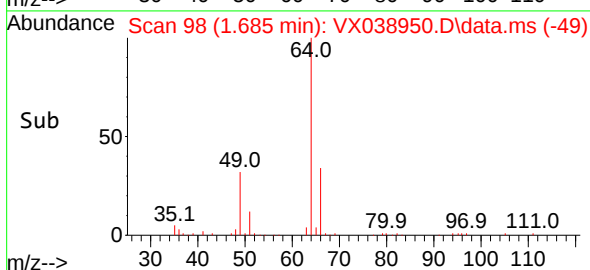
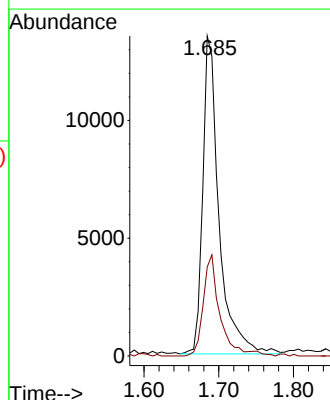
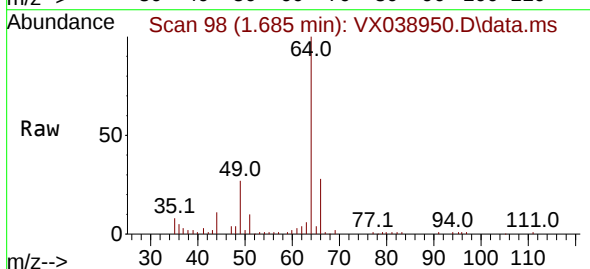
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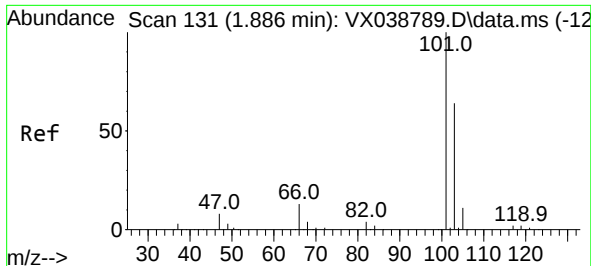
Tgt Ion: 64 Resp: 20406

Ion Ratio Lower Upper

64 100

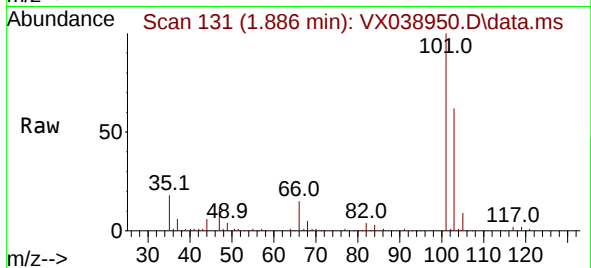
66 28.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.479 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

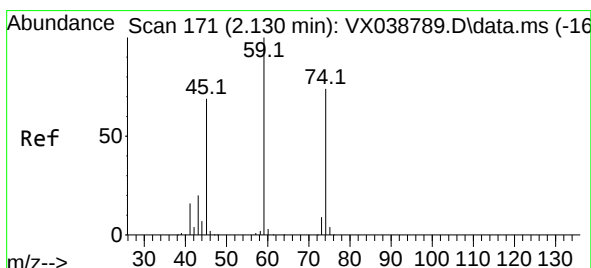
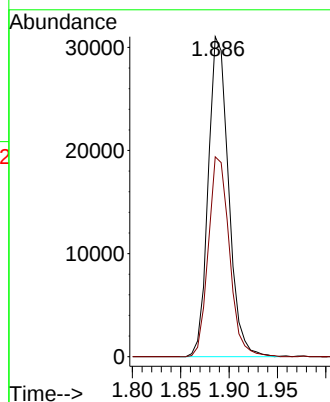
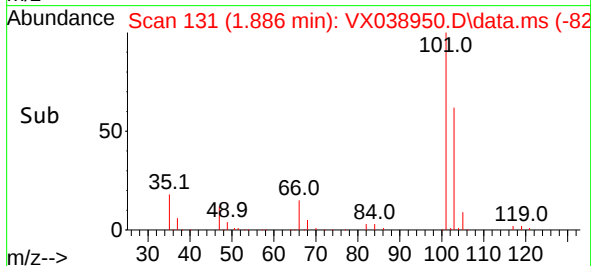
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion:101 Resp: 45452
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2

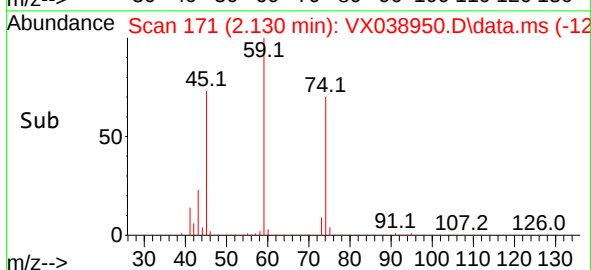
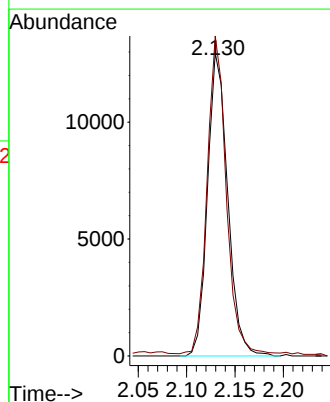
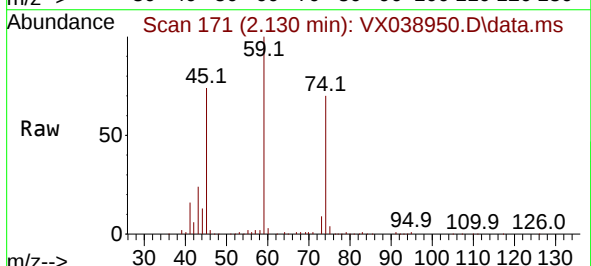
Manual Integrations
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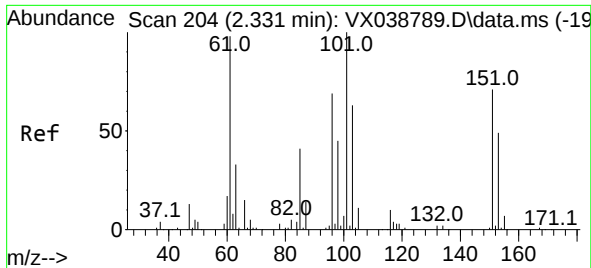
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#8
Diethyl Ether
Concen: 18.538 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 74 Resp: 18840
Ion Ratio Lower Upper
74 100
45 98.8 53.3 159.8





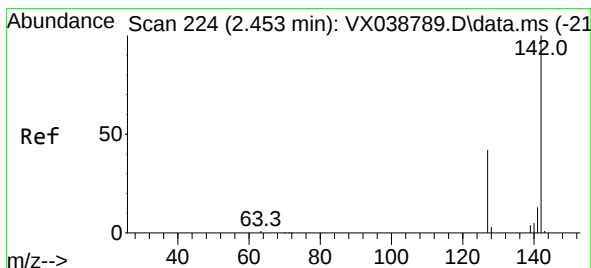
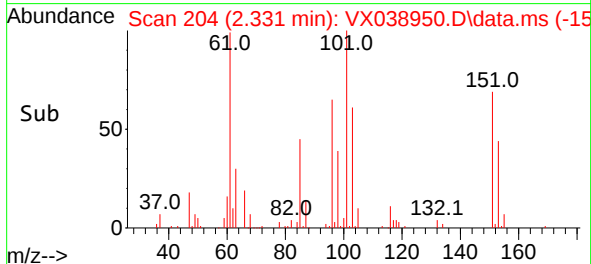
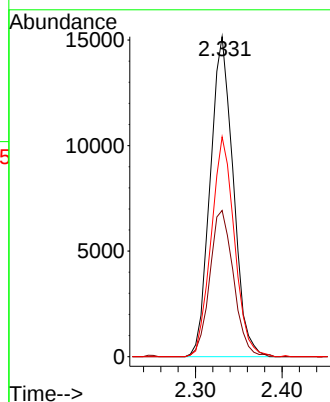
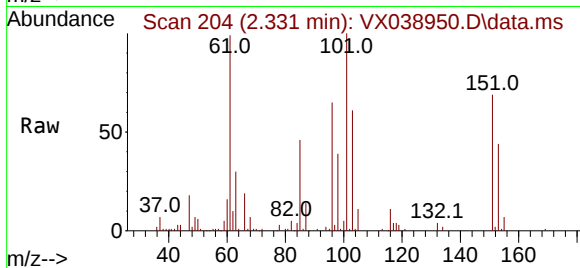
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.099 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion:101 Resp: 2800
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.6
151 69.5 58.6 87.8

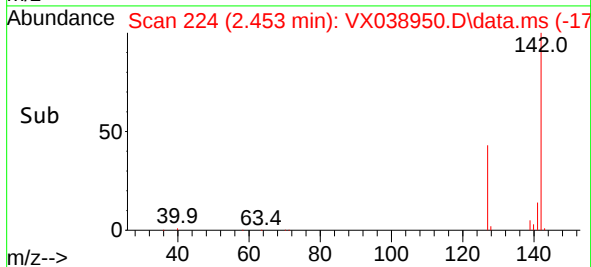
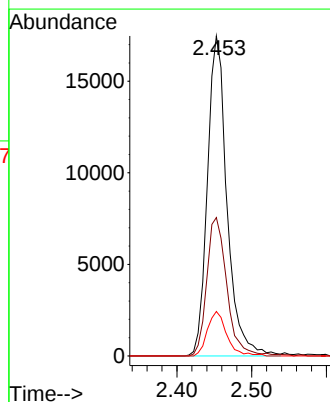
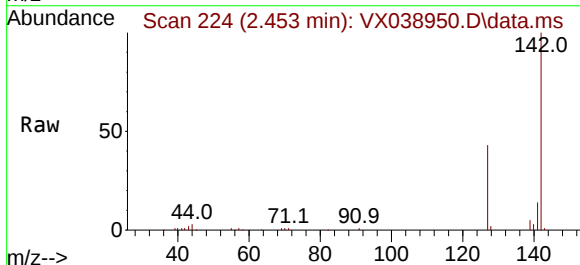
Manual Integrations
APPROVED

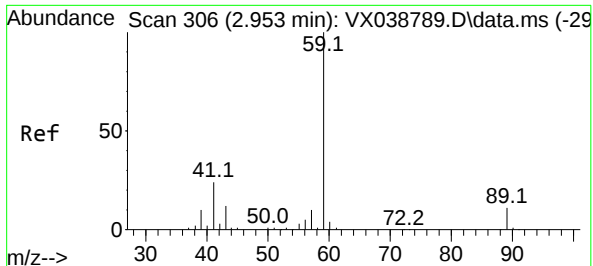
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#10
Methyl Iodide
Concen: 16.889 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:142 Resp: 31809
Ion Ratio Lower Upper
142 100
127 44.6 41.6 62.4
141 13.7 11.6 17.4





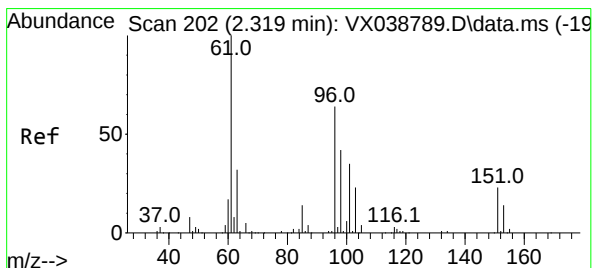
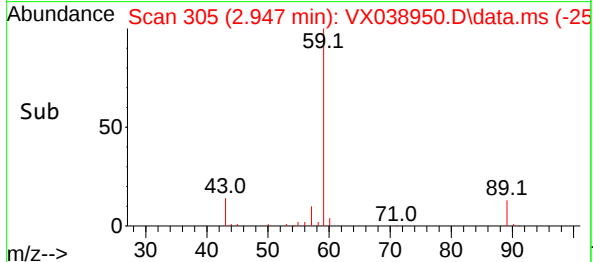
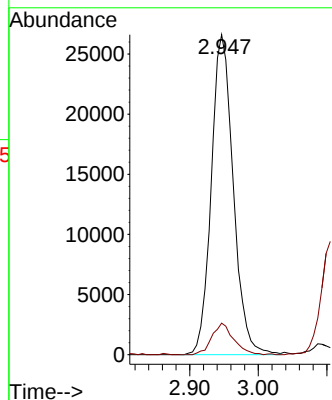
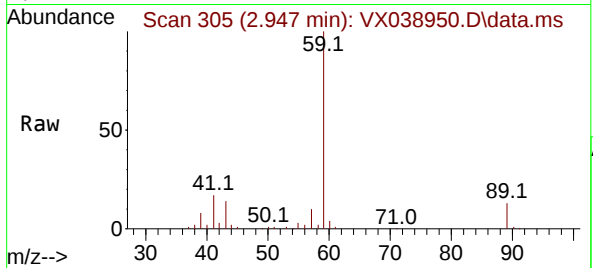
#11
Tert butyl alcohol
Concen: 105.534 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion: 59 Resp: 5928
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0

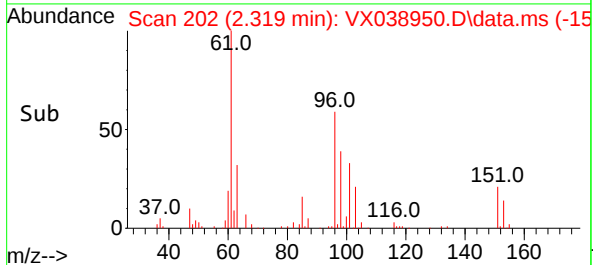
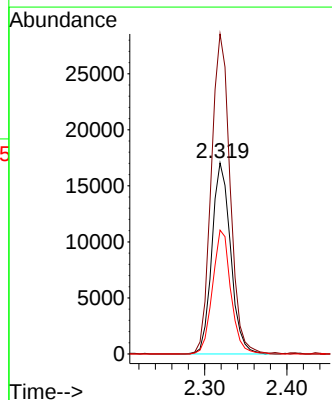
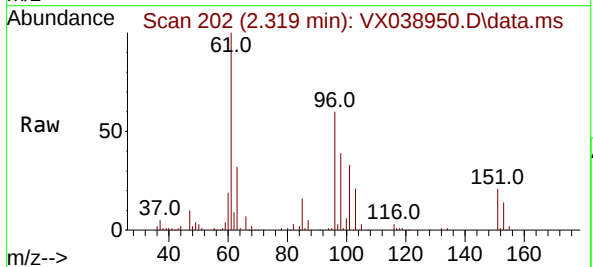
Manual Integrations
APPROVED

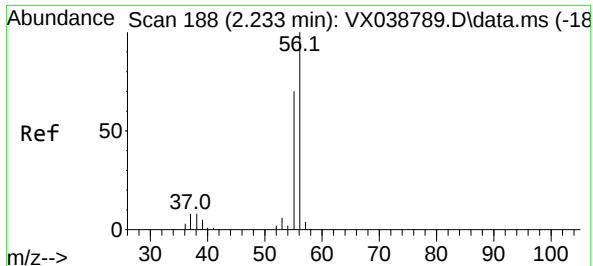
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1-Dichloroethene
Concen: 17.245 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

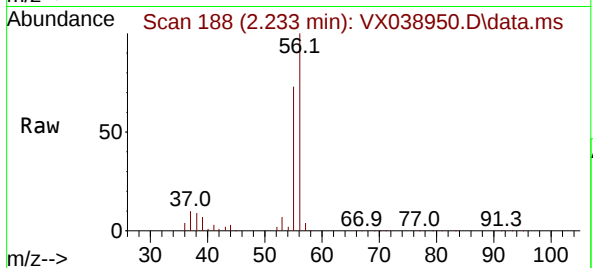
Tgt Ion: 96 Resp: 26941
Ion Ratio Lower Upper
96 100
61 167.5 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 110.394 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

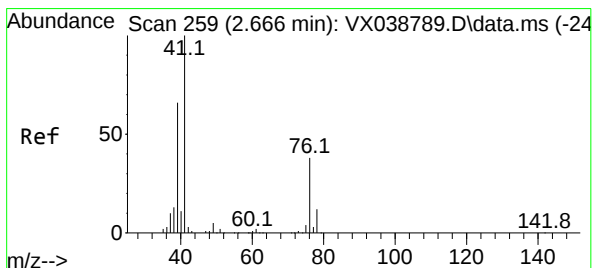
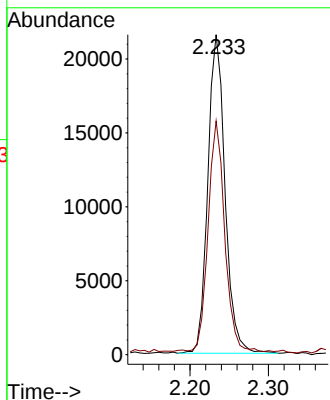
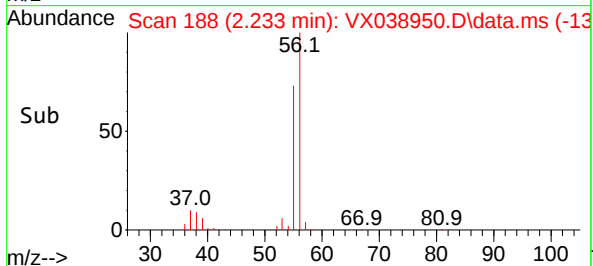
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 56 Resp: 32809
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

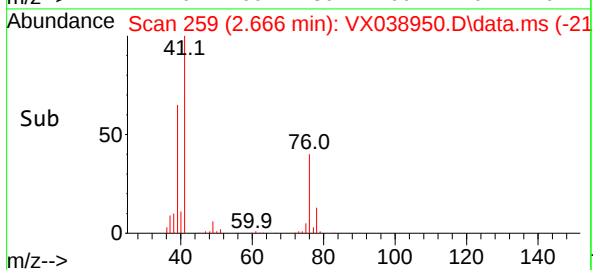
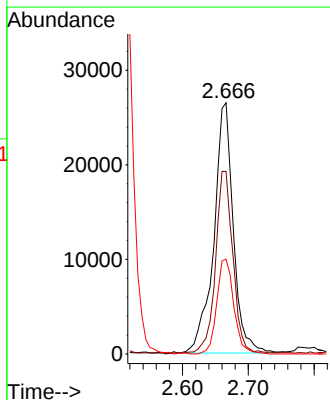
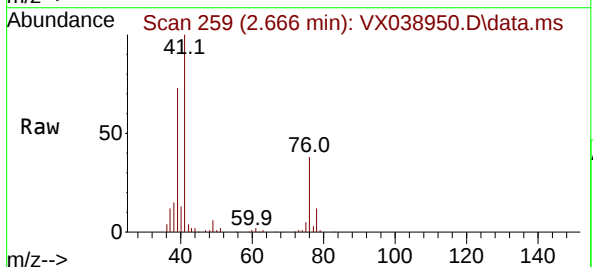
Manual Integrations
APPROVED

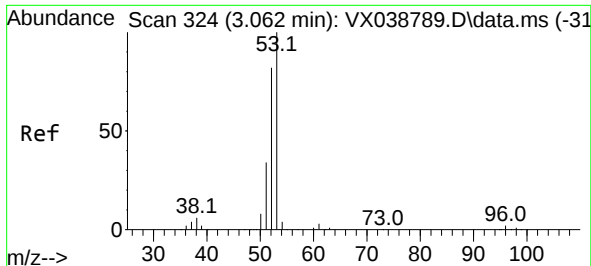
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#14
Allyl chloride
Concen: 17.473 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

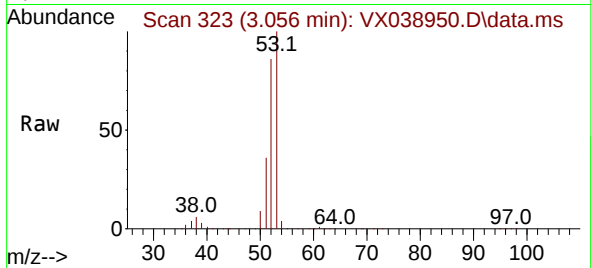
Tgt Ion: 41 Resp: 54653
Ion Ratio Lower Upper
41 100
39 65.0 55.8 83.6
76 33.2 24.3 36.5





#15
Acrylonitrile
Concen: 92.800 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

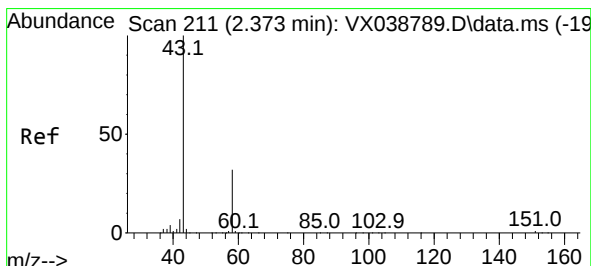
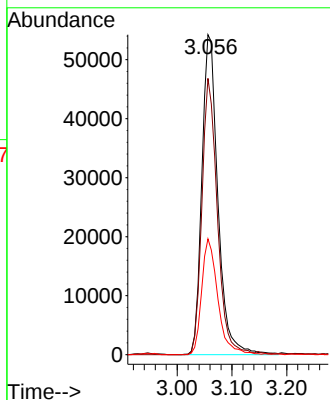
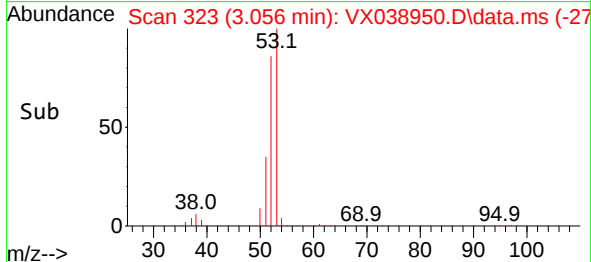
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 53 Resp: 110150
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.4 29.8 44.6

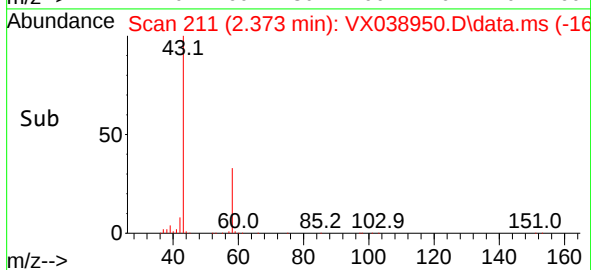
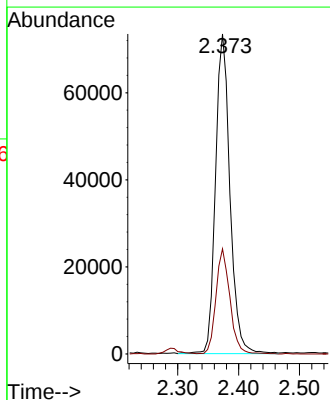
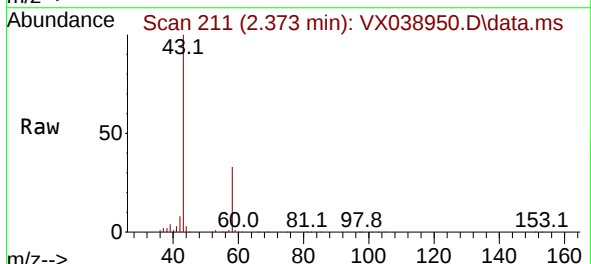
Manual Integrations
APPROVED

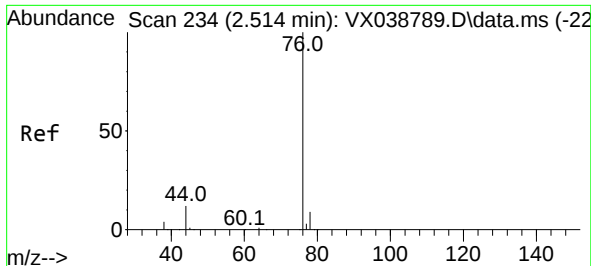
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#16
Acetone
Concen: 112.388 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 43 Resp: 120836
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#





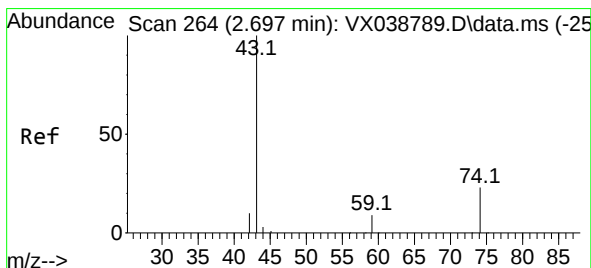
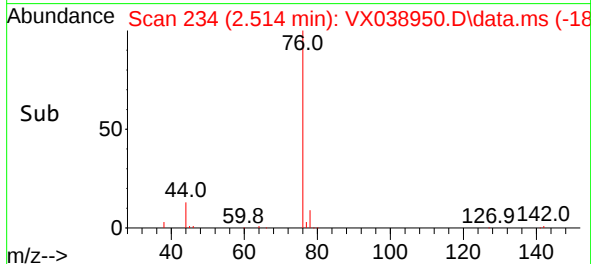
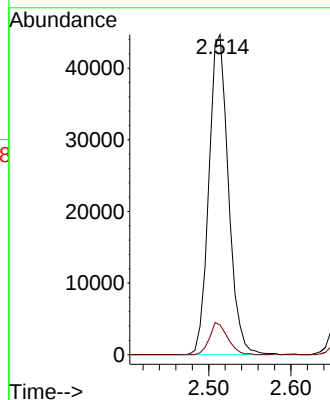
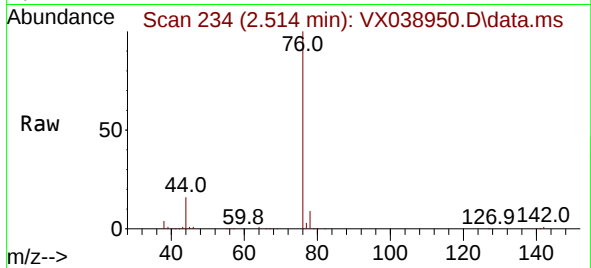
#17
Carbon Disulfide
Concen: 15.212 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion: 76 Resp: 7361
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

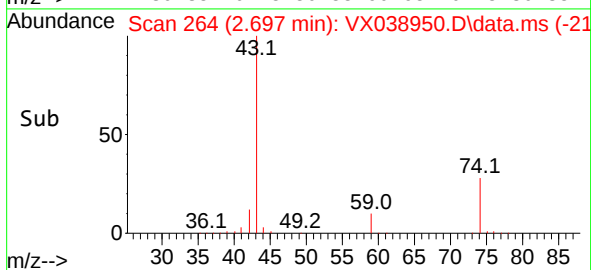
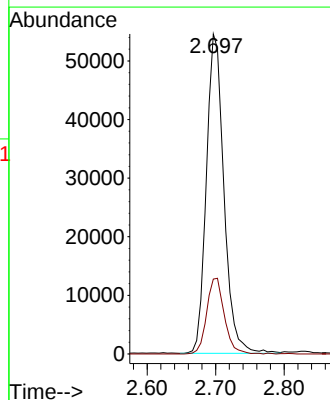
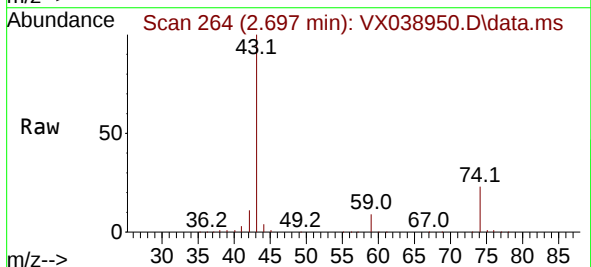
Manual Integrations
APPROVED

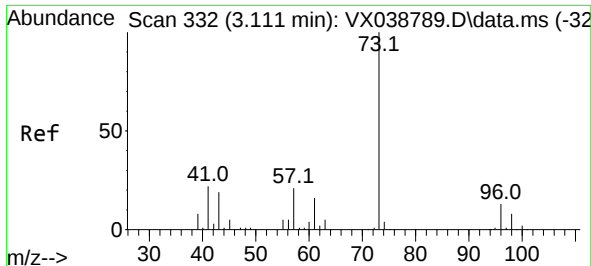
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
Methyl Acetate
Concen: 19.047 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

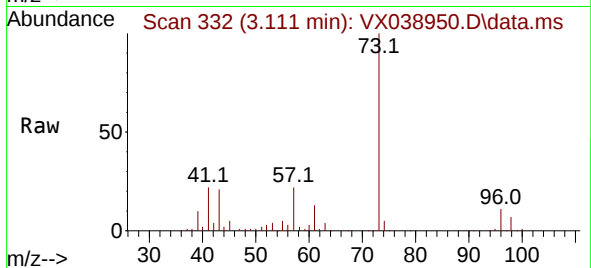
Tgt Ion: 43 Resp: 97270
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.207 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

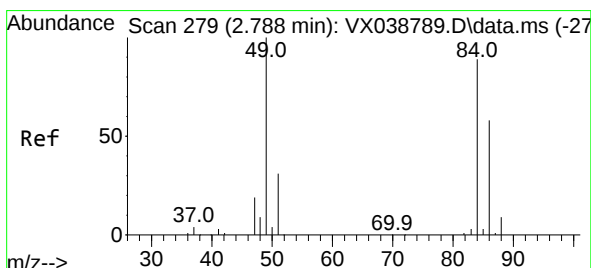
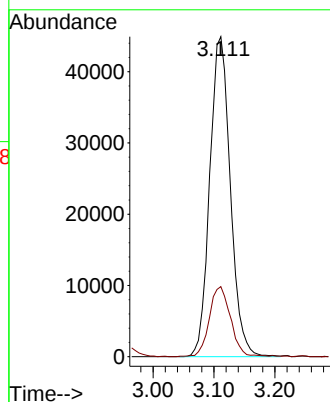
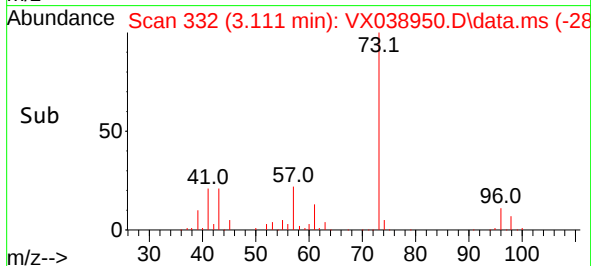
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 73 Resp: 105538
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

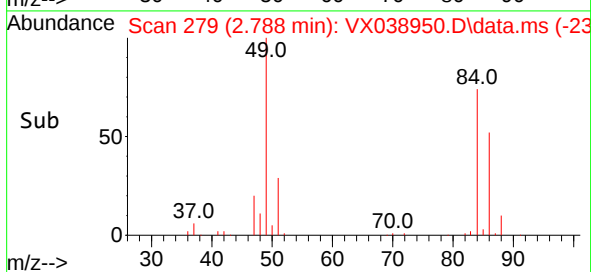
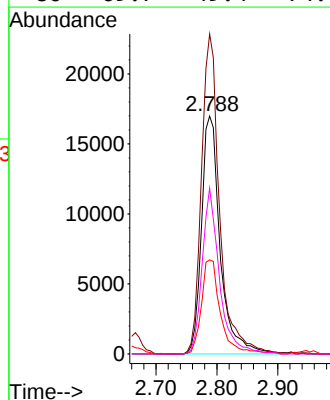
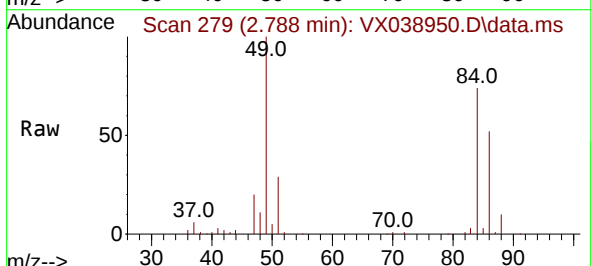
Manual Integrations
APPROVED

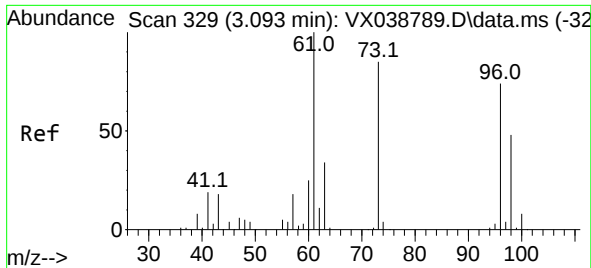
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 18.703 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

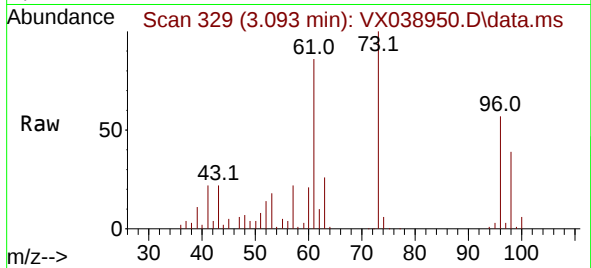
Tgt Ion: 84 Resp: 36250
Ion Ratio Lower Upper
84 100
49 134.5 103.6 155.4
51 39.6 33.8 50.6
86 69.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 16.785 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

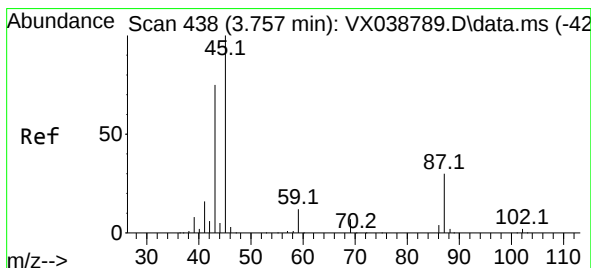
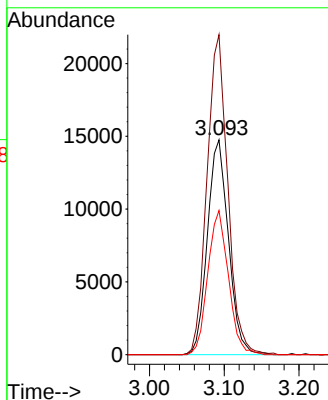
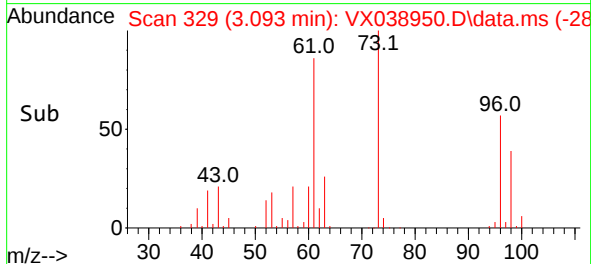
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 96 Resp: 28934
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 67.1 48.7 73.1

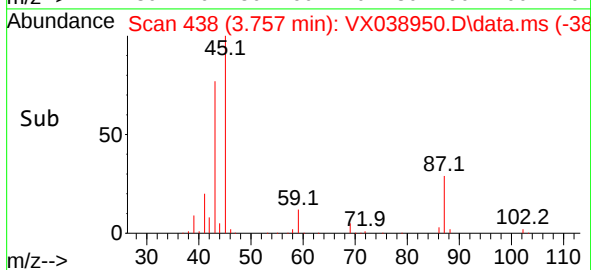
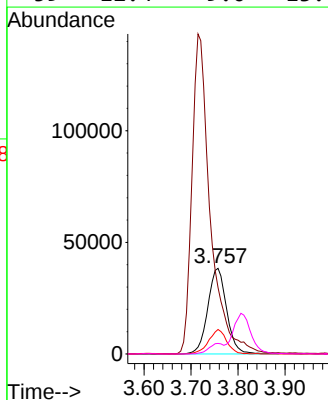
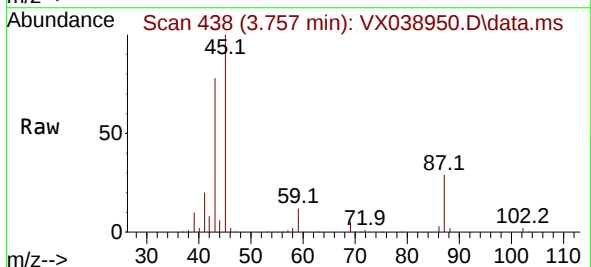
Manual Integrations
APPROVED

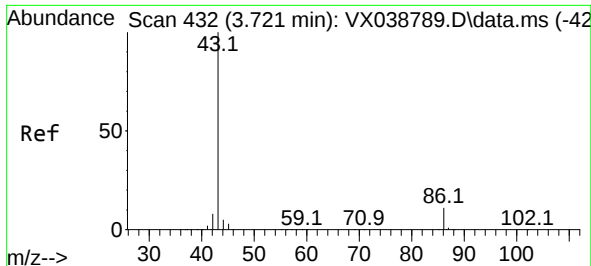
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#22
Diisopropyl ether
Concen: 18.598 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

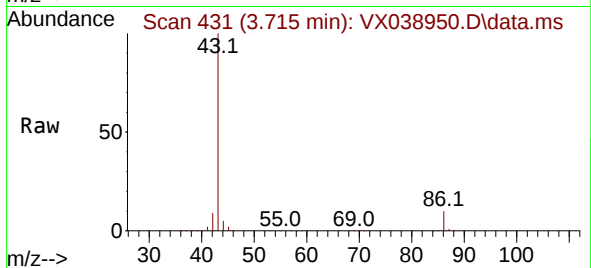
Tgt Ion: 45 Resp: 106718
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 28.6 20.8 31.2
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.296 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01

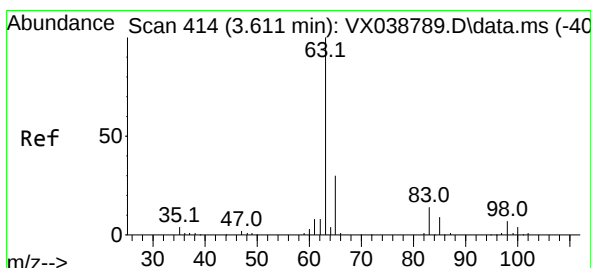
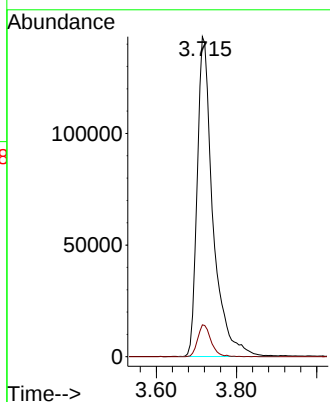
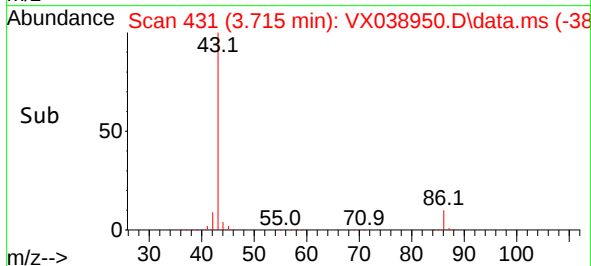
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01



Tgt Ion: 43 Resp: 38968
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

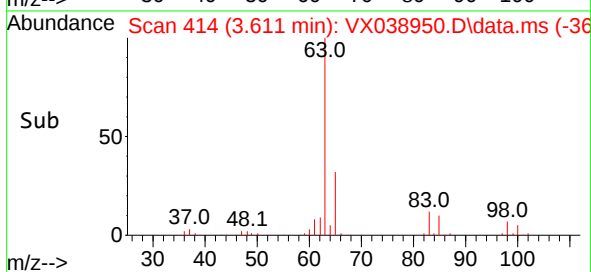
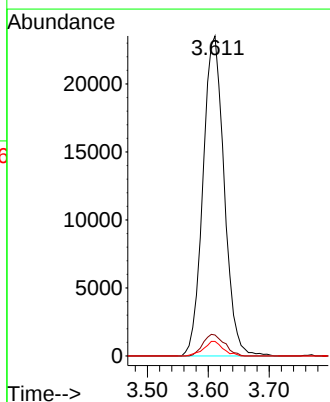
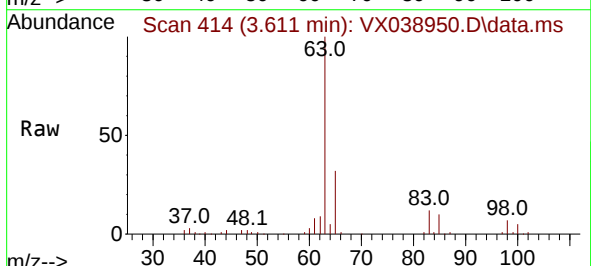
Manual Integrations
 APPROVED

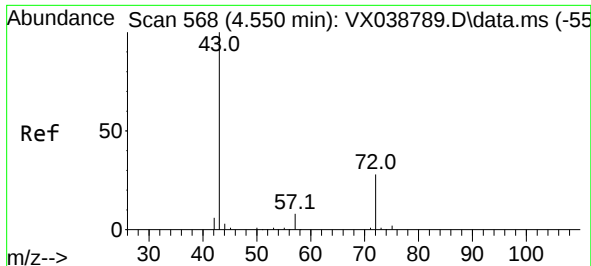
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#24
 1,1-Dichloroethane
 Concen: 17.724 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01

Tgt Ion: 63 Resp: 56872
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 99.006 ug/l

RT: 4.544 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 43 Resp: 172620

Ion Ratio Lower Upper

43 100

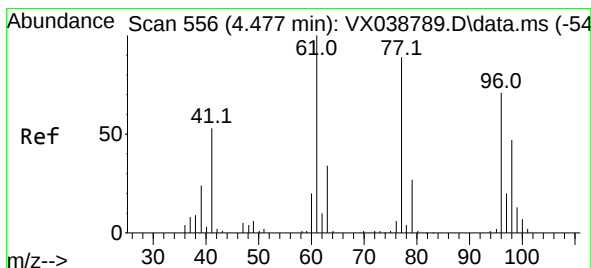
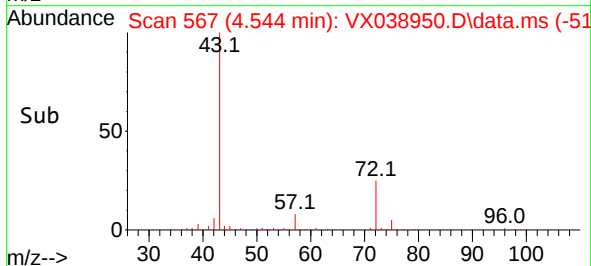
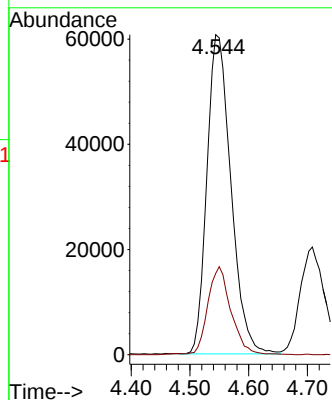
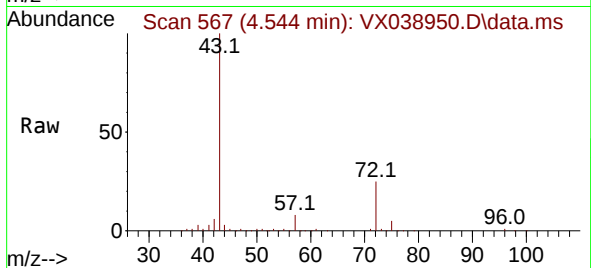
72 25.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#26

2,2-Dichloropropane

Concen: 18.143 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038950.D

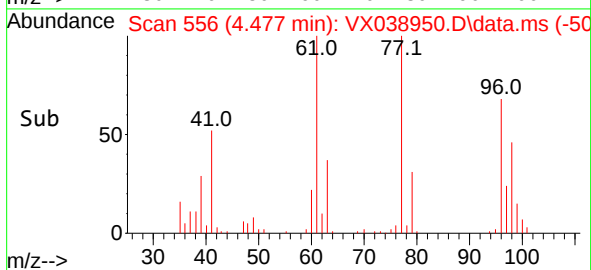
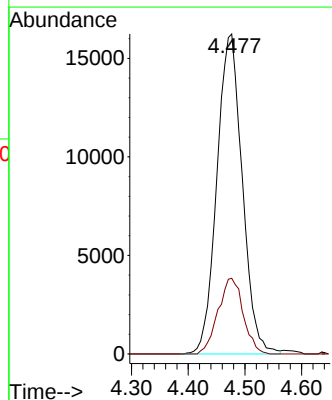
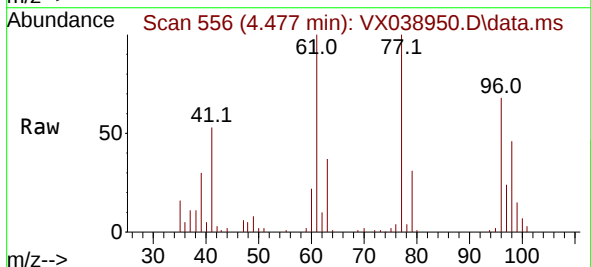
Acq: 20 Nov 2023 12:01

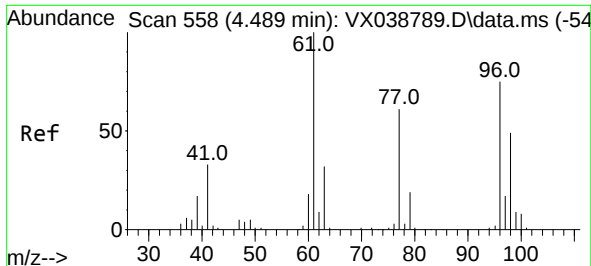
Tgt Ion: 77 Resp: 50498

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.475 ug/l

RT: 4.483 min Scan# 511

Delta R.T. -0.006 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 96 Resp: 3511

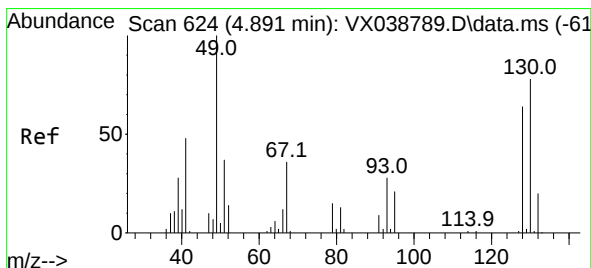
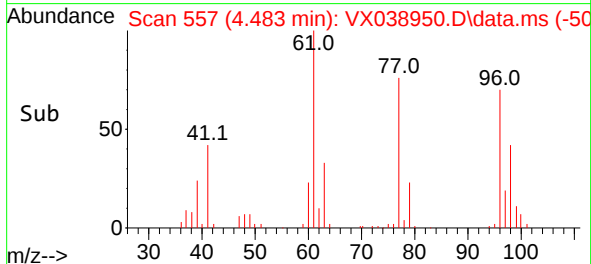
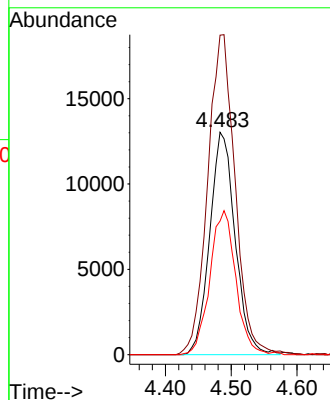
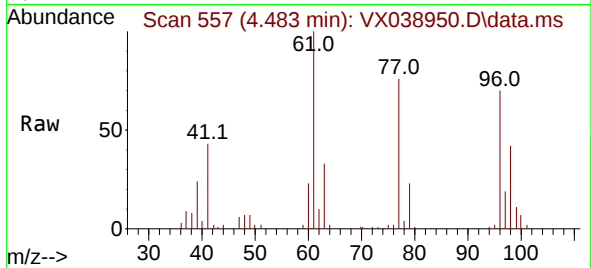
Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	312.2
98	65.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#28

Bromochloromethane

Concen: 19.835 ug/l

RT: 4.891 min Scan# 624

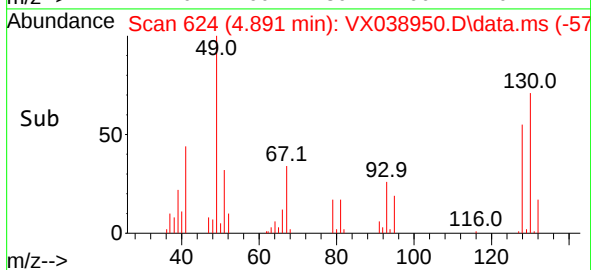
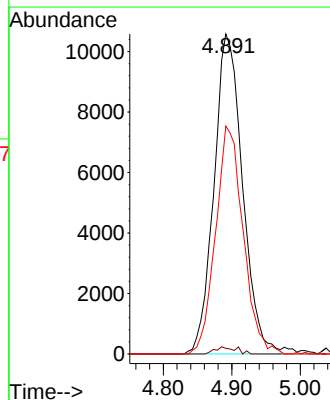
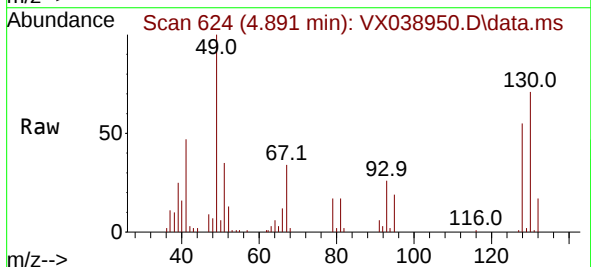
Delta R.T. 0.000 min

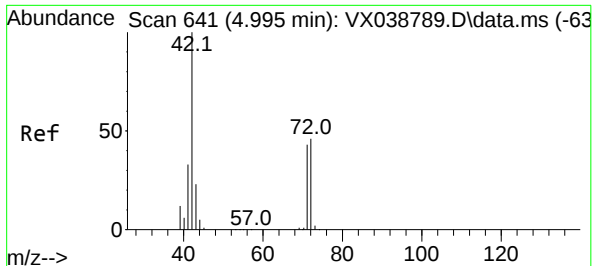
Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Tgt Ion: 49 Resp: 30558

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	68.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 97.100 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 42 Resp: 107494

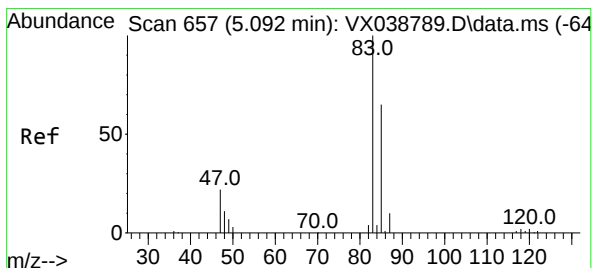
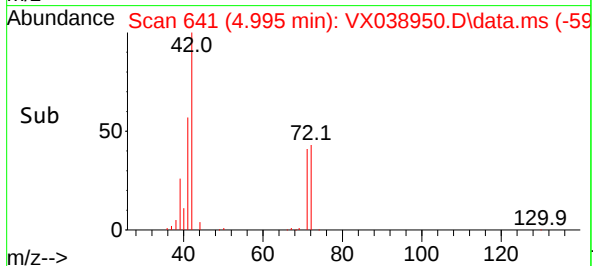
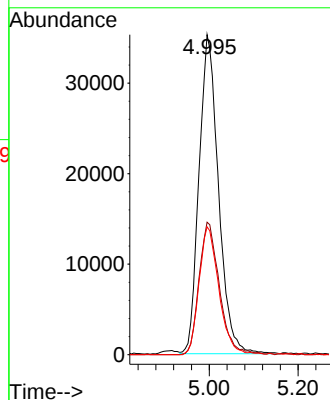
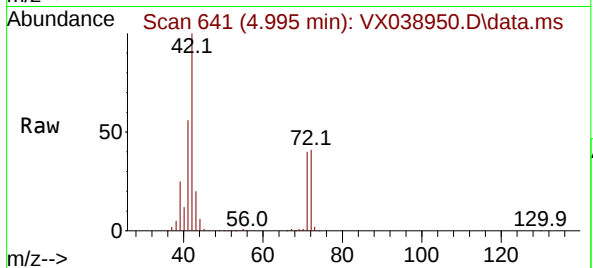
Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.2	51.4
71	40.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Chloroform

Concen: 18.710 ug/l

RT: 5.092 min Scan# 657

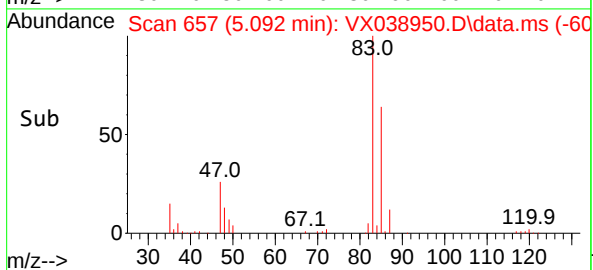
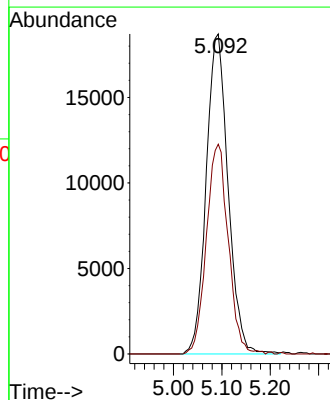
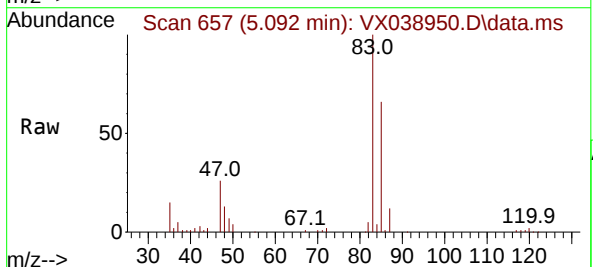
Delta R.T. 0.000 min

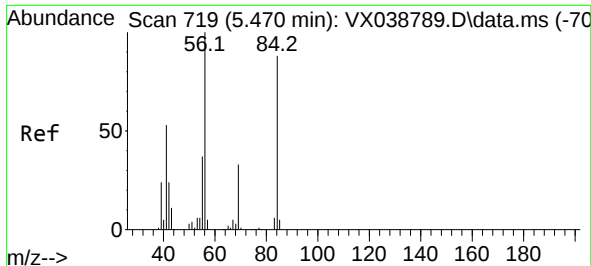
Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Tgt Ion: 83 Resp: 58624

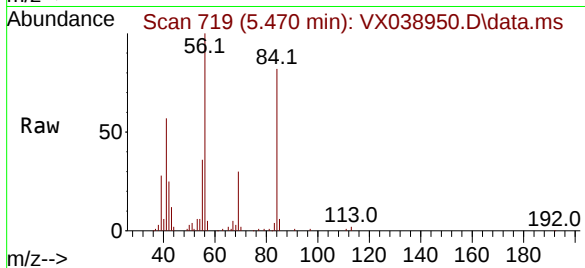
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 17.450 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

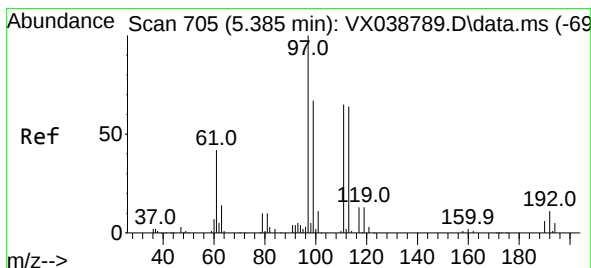
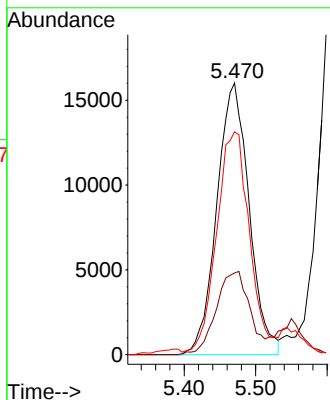
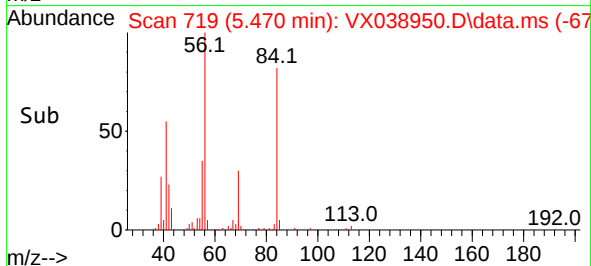
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 56 Resp: 50319
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 79.9 65.9 98.9

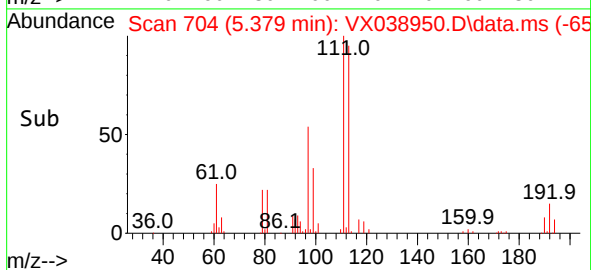
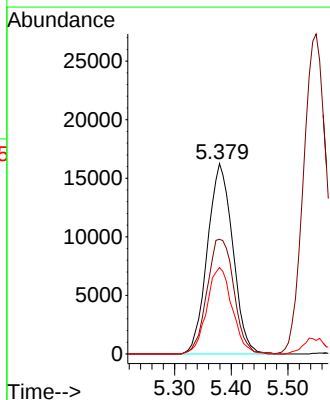
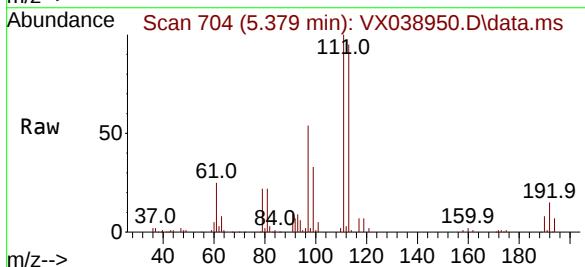
Manual Integrations
APPROVED

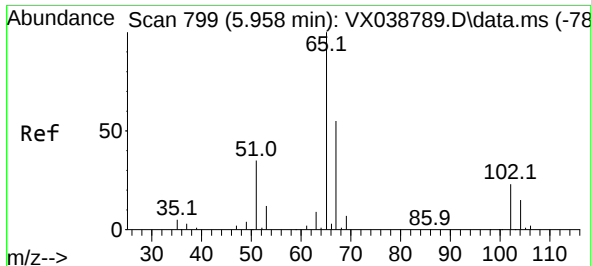
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#32
1,1,1-Trichloroethane
Concen: 18.602 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 97 Resp: 50484
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 45.5 36.4 54.6





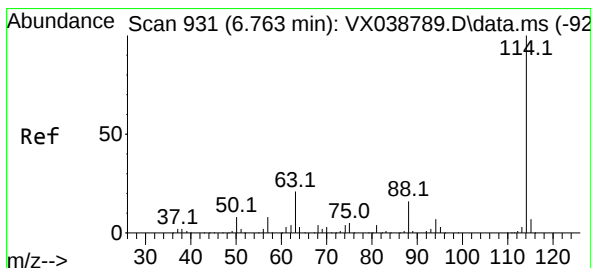
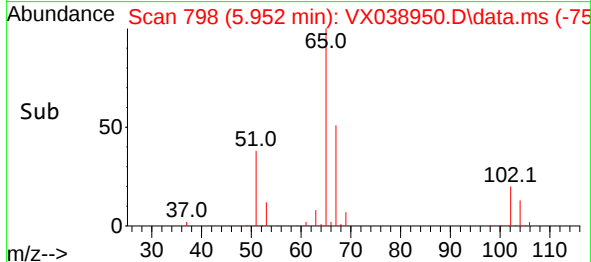
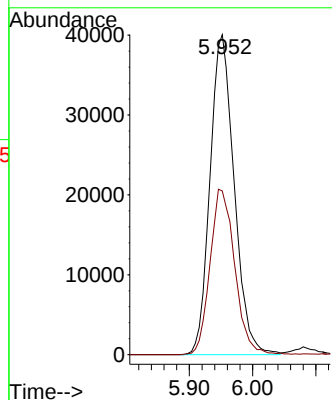
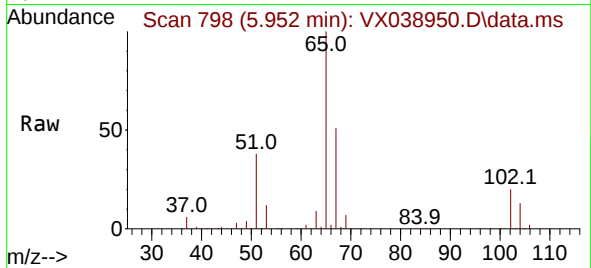
#33
 1,2-Dichloroethane-d4
 Concen: 52.645 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Tgt Ion: 65 Resp: 10632
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2

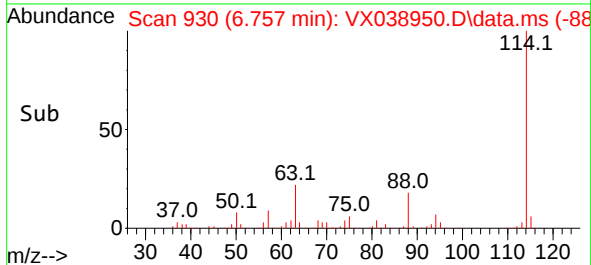
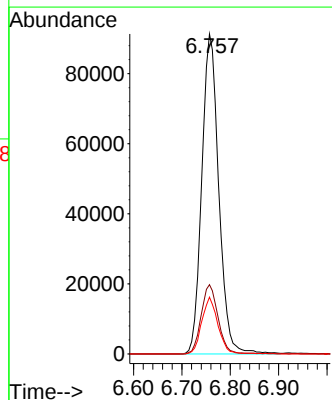
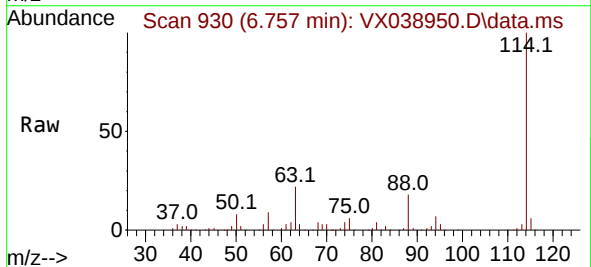
Manual Integrations
 APPROVED

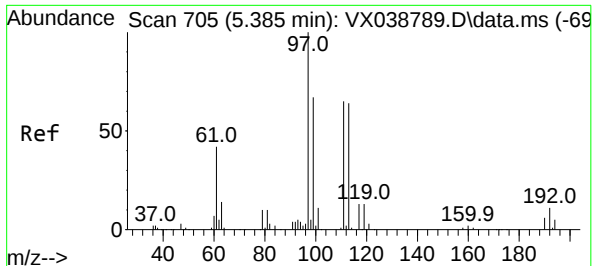
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01

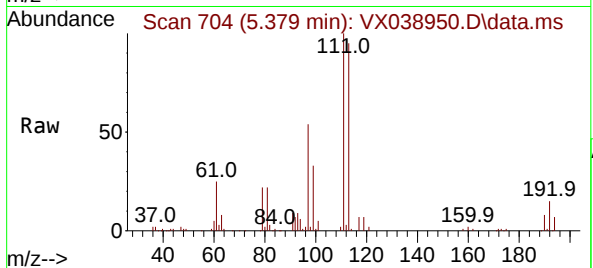
Tgt Ion:114 Resp: 222651
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 17.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.863 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

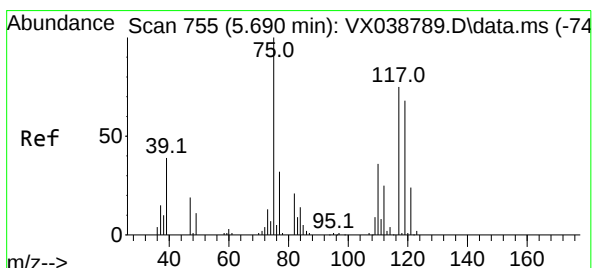
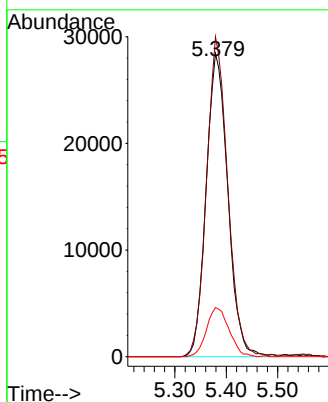
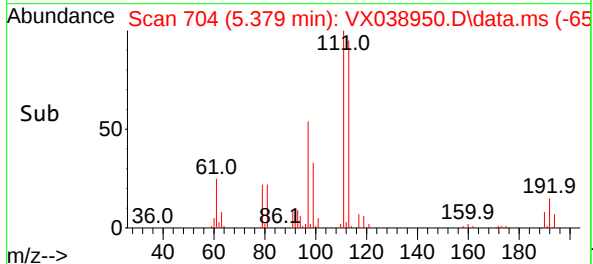
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 113 Resp: 8339
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.8 13.3 19.9

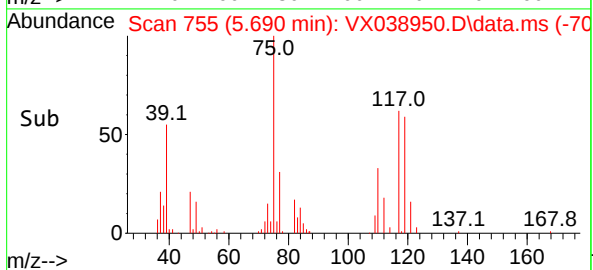
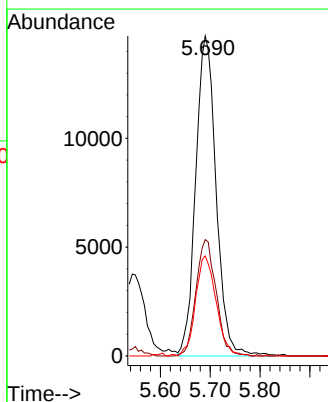
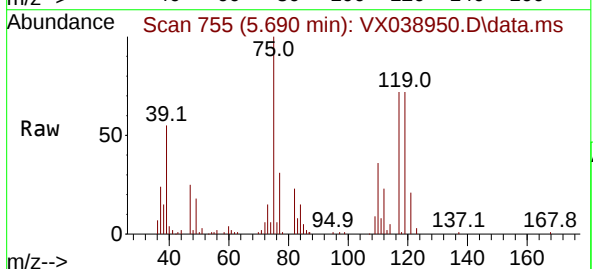
Manual Integrations
APPROVED

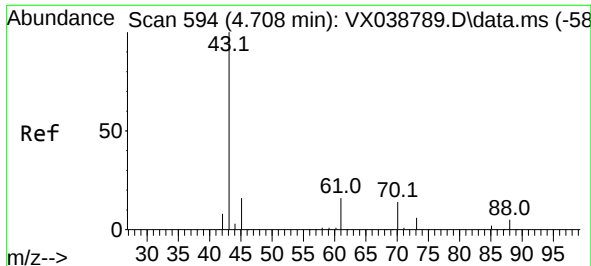
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#36
1,1-Dichloropropene
Concen: 18.188 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

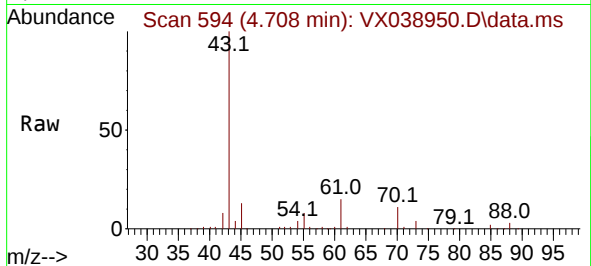
Tgt Ion: 75 Resp: 41918
Ion Ratio Lower Upper
75 100
110 35.8 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 19.800 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

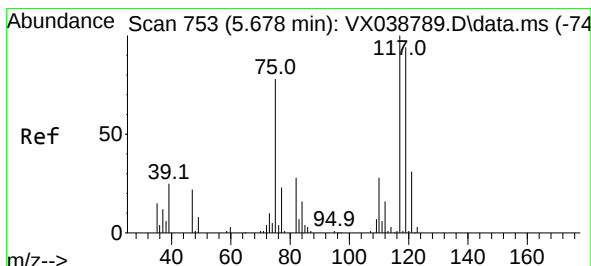
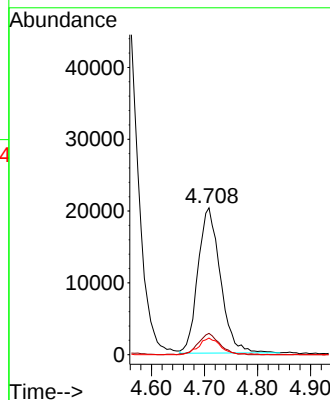
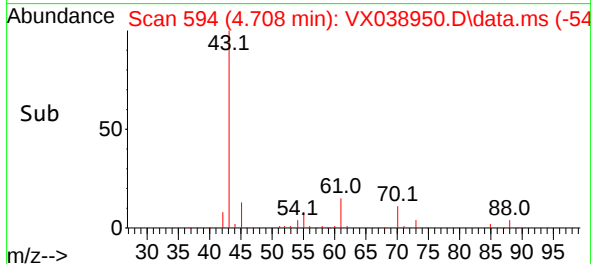
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 11.0 8.3 12.5

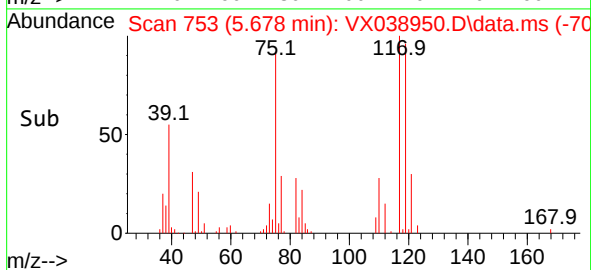
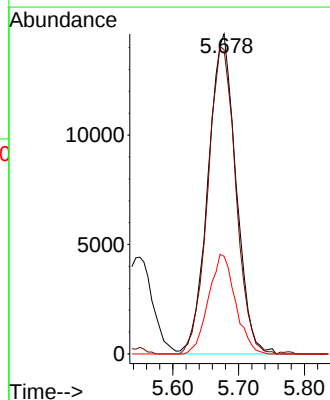
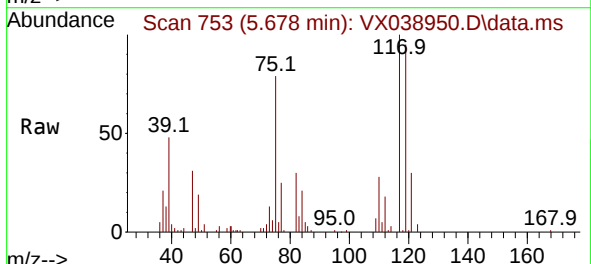
Manual Integrations
APPROVED

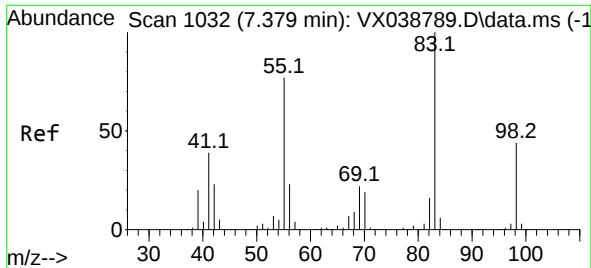
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Carbon Tetrachloride
Concen: 20.277 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:117 Resp: 43192
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.2
121 30.5 24.4 36.6





#39
Methylcyclohexane
Concen: 17.900 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

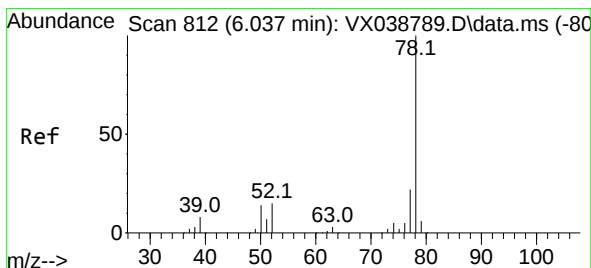
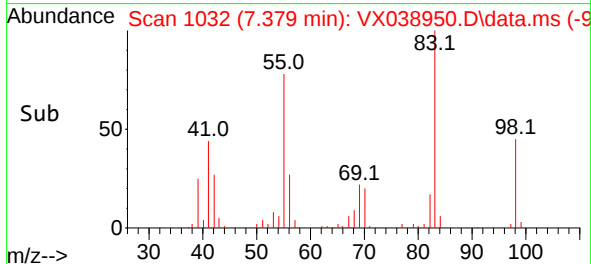
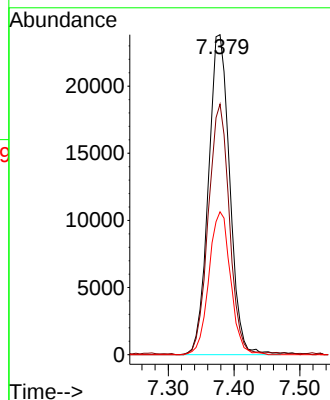
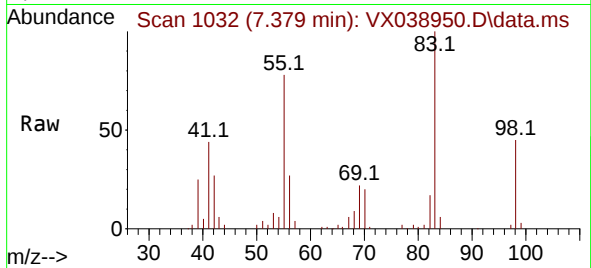
Tgt Ion: 83 Resp: 53810
Ion Ratio Lower Upper
83 100
55 78.3 64.6 97.0
98 44.7 36.7 55.1

Manual Integrations

APPROVED

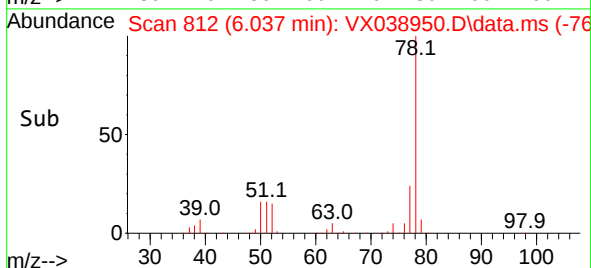
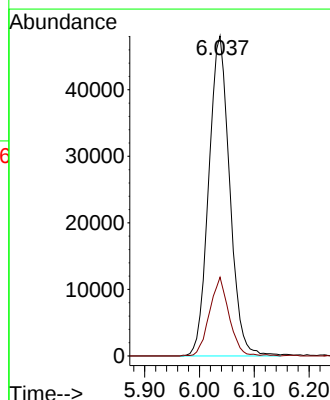
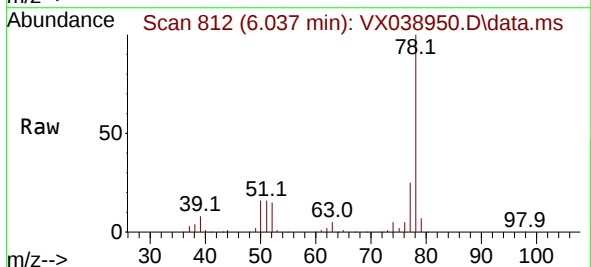
Reviewed By :John Carlone 11/21/2023

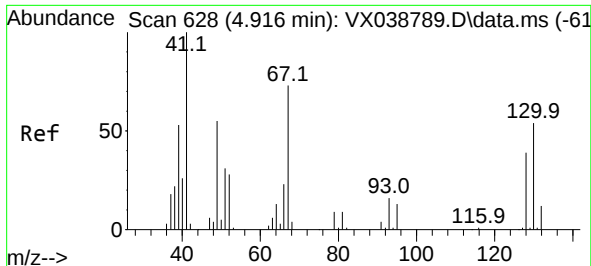
Supervised By :Mahesh Dadoda 11/21/2023



#40
Benzene
Concen: 18.701 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

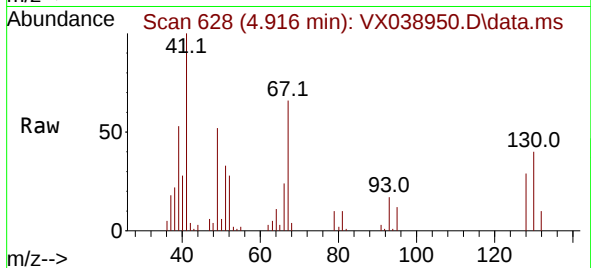
Tgt Ion: 78 Resp: 127475
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 20.308 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

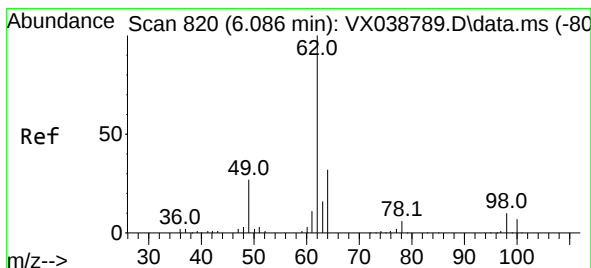
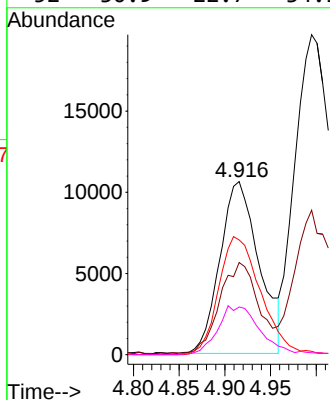
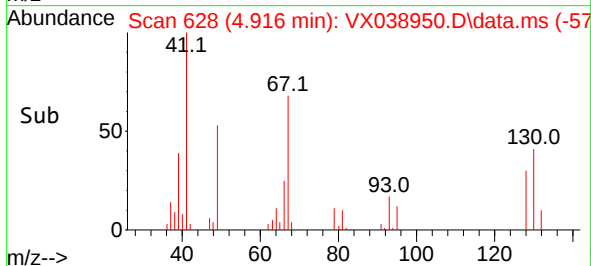
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 41	Resp: 3162
Ion Ratio	Lower Upper
41	100
39	51.9 45.2 67.8
67	73.6 52.6 78.8
52	30.9 22.7 34.1

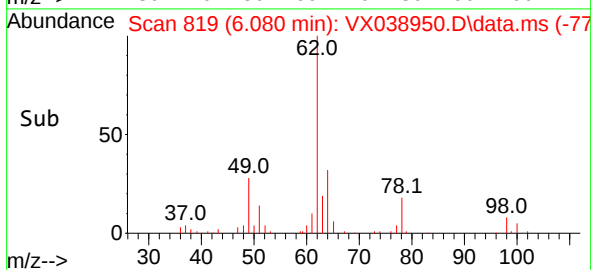
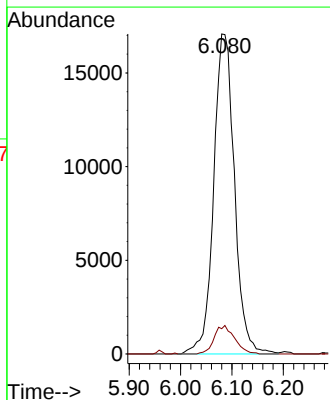
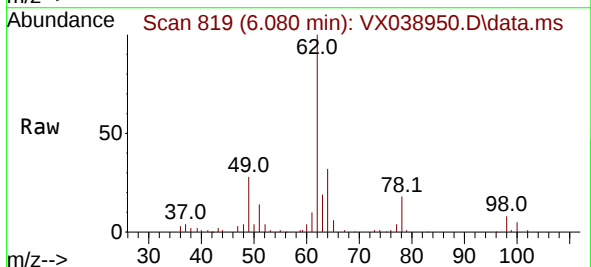
Manual Integrations
APPROVED

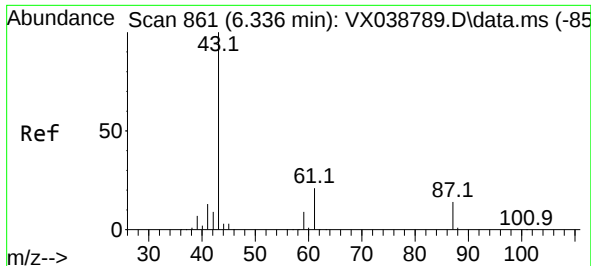
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#42
1,2-Dichloroethane
Concen: 21.225 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

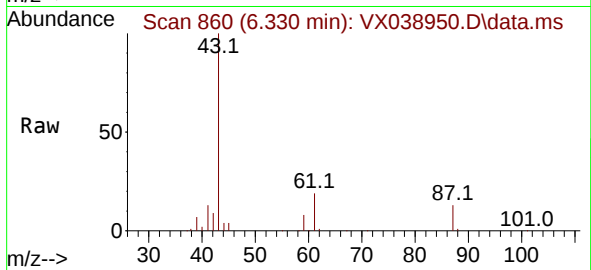
Tgt Ion: 62	Resp: 47936
Ion Ratio	Lower Upper
62	100
98	8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.526 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

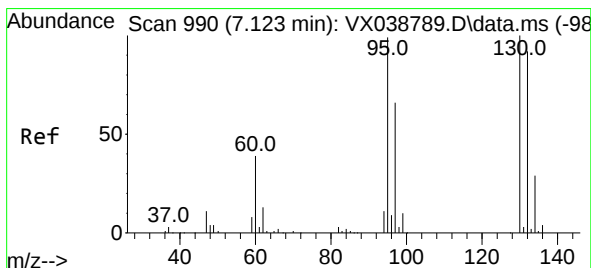
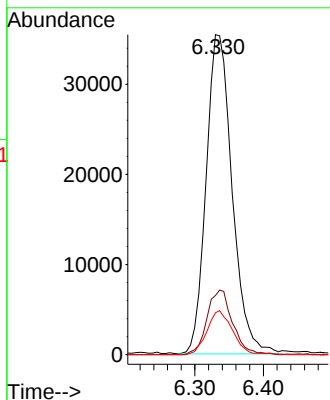
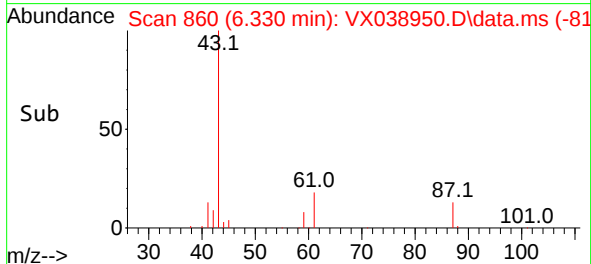
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 43 Resp: 93700
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.6 9.8 14.6

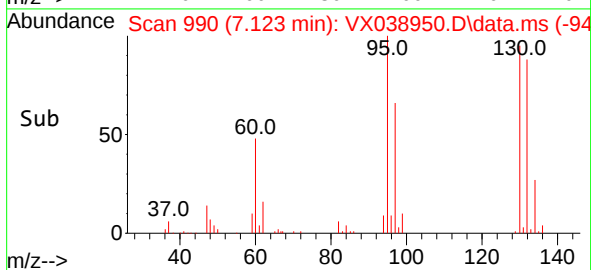
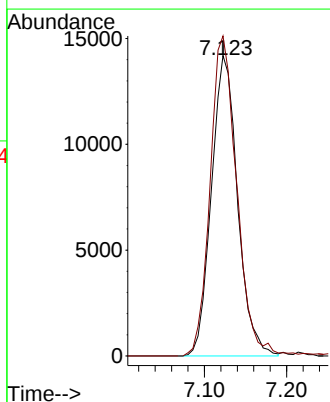
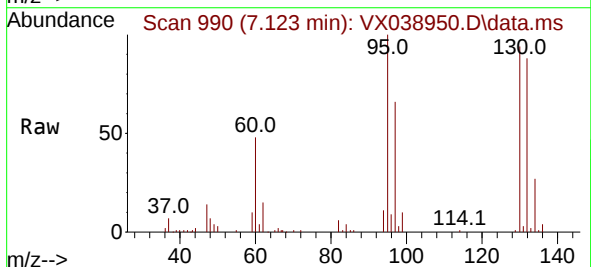
Manual Integrations
APPROVED

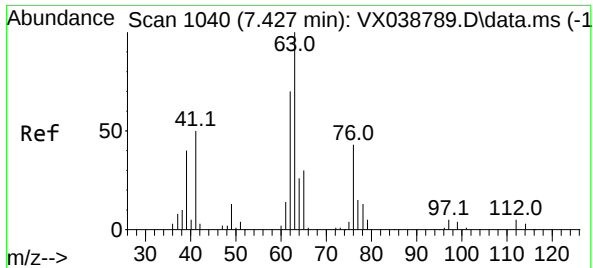
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#44
Trichloroethene
Concen: 18.896 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:130 Resp: 31352
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.4





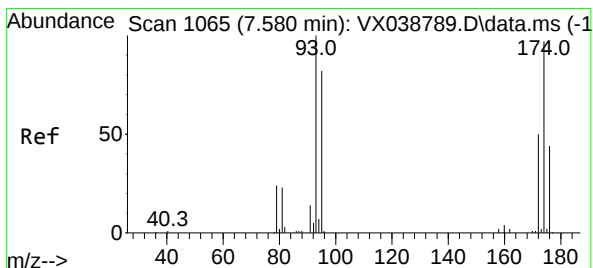
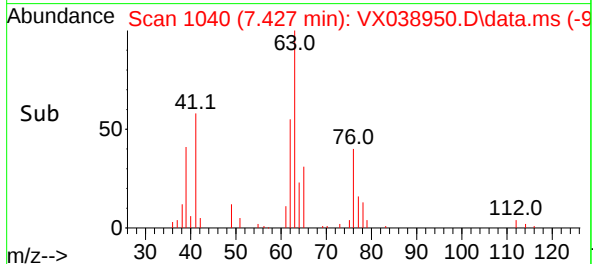
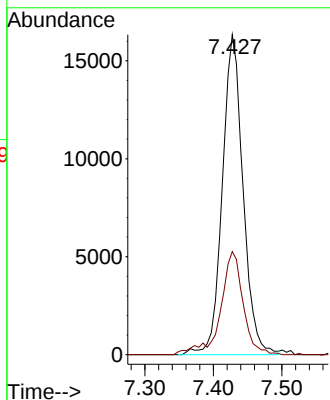
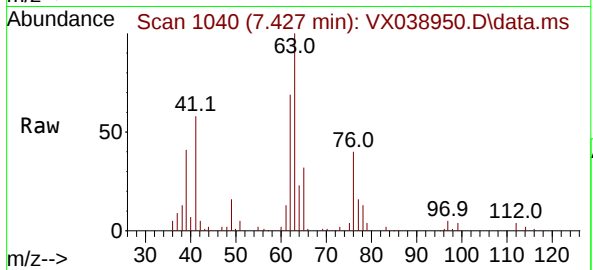
#45
1,2-Dichloropropane
Concen: 18.679 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion: 63 Resp: 3426
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5

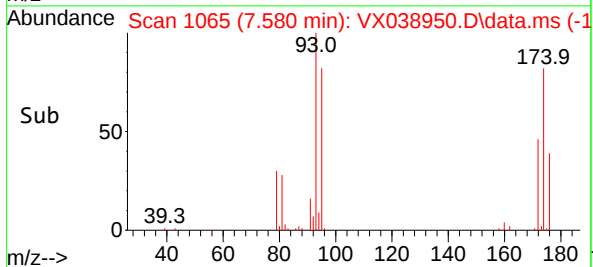
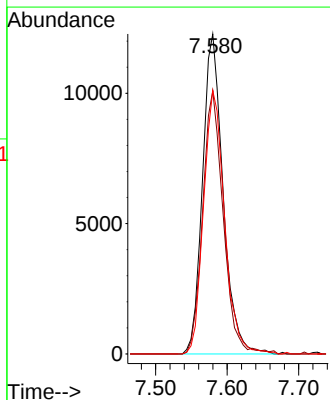
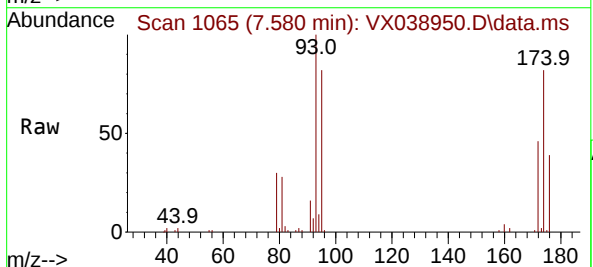
Manual Integrations
APPROVED

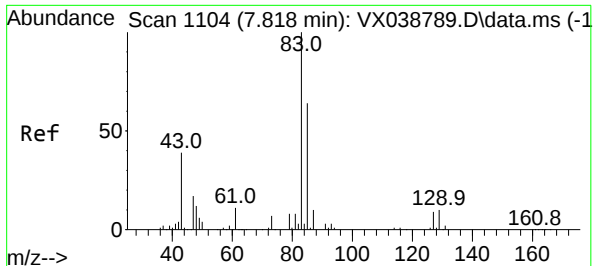
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#46
Dibromomethane
Concen: 19.963 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 93 Resp: 24421
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 84.4 69.4 104.0





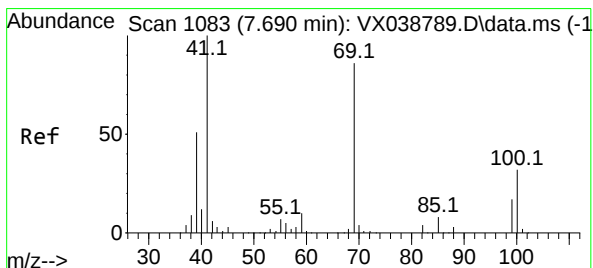
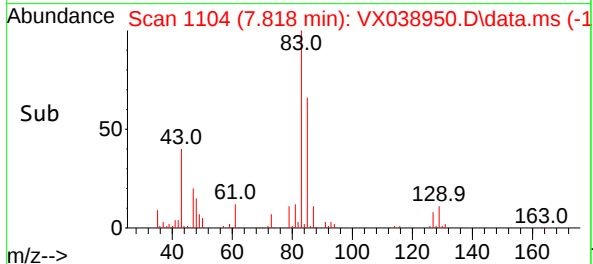
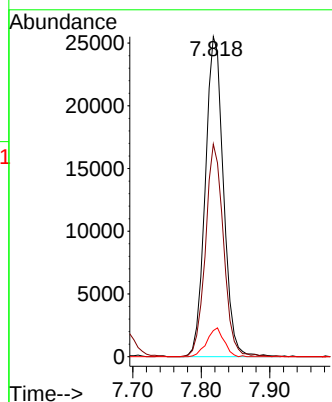
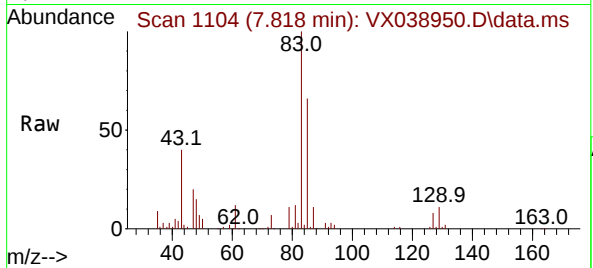
#47
Bromodichloromethane
Concen: 19.383 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion: 83 Resp: 47062
Ion Ratio Lower Upper
83 100
85 66.4 49.8 74.6
127 8.2 7.1 10.7

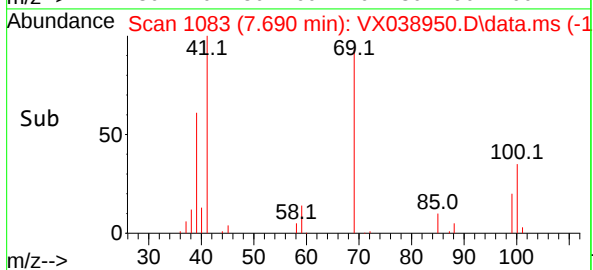
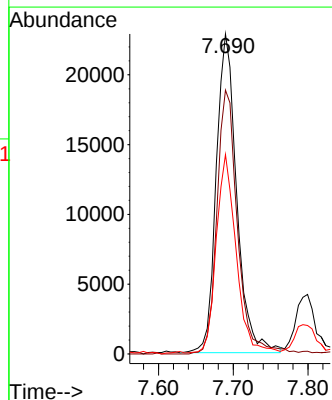
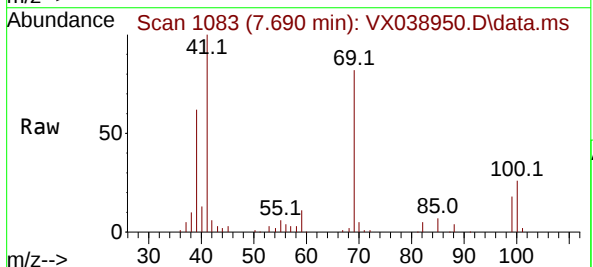
Manual Integrations
APPROVED

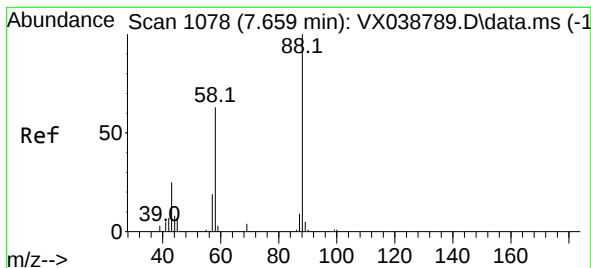
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#48
Methyl methacrylate
Concen: 18.737 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 41 Resp: 43624
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 59.7 47.7 71.5





#49

1,4-Dioxane

Concen: 409.560 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 88 Resp: 1844

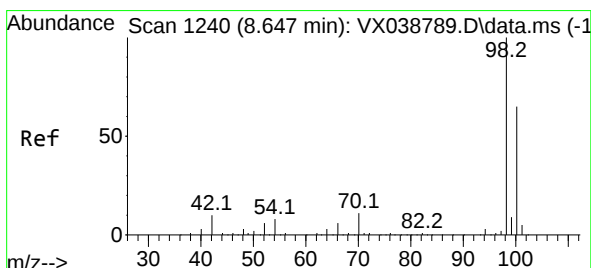
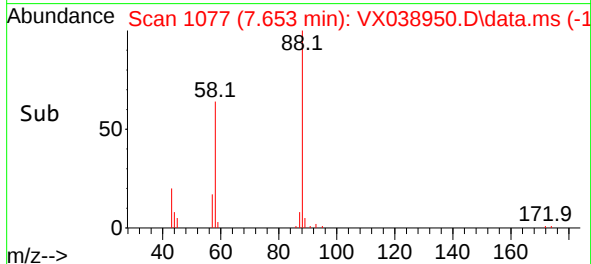
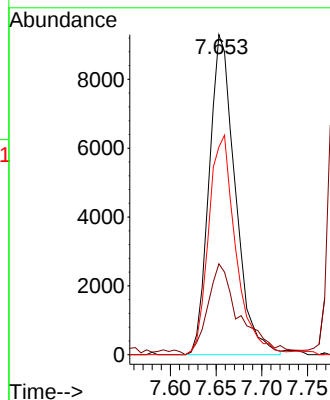
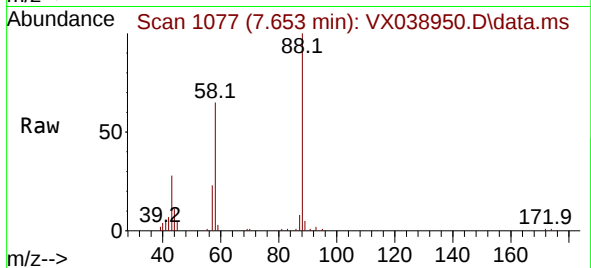
Ion	Ratio	Lower	Upper
88	100		
43	35.4	0.0	0.0
58	71.7	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#50

Toluene-d8

Concen: 49.791 ug/l

RT: 8.647 min Scan# 1240

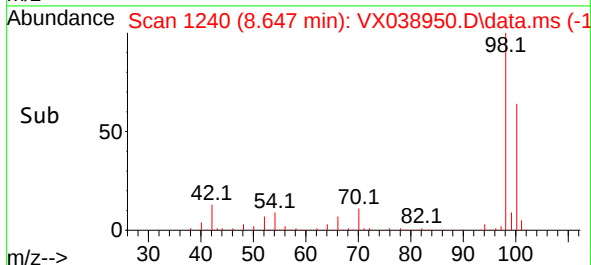
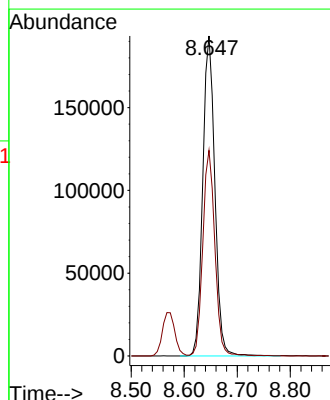
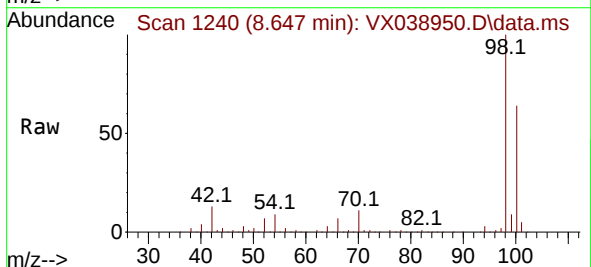
Delta R.T. 0.000 min

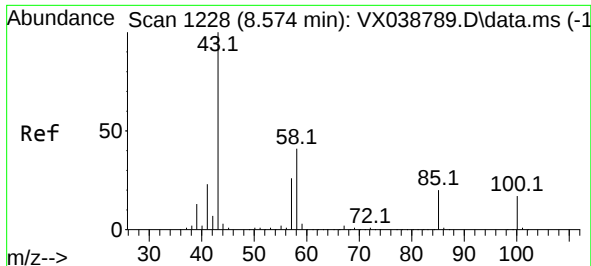
Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Tgt Ion: 98 Resp: 306336

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 101.462 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

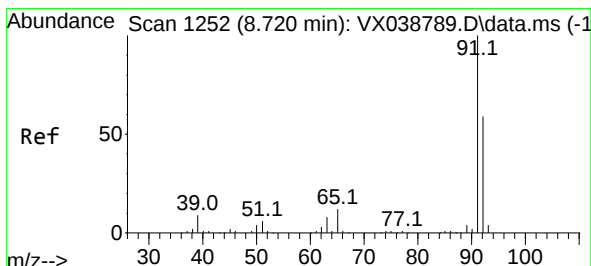
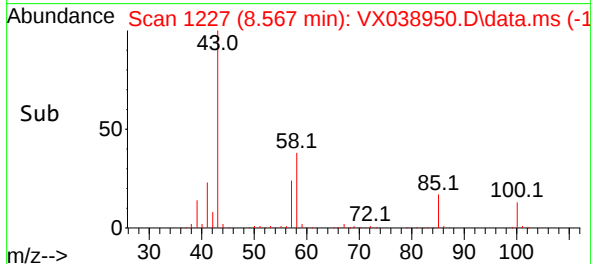
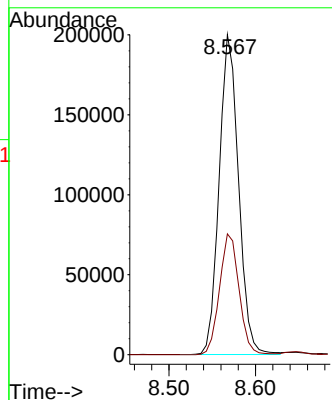
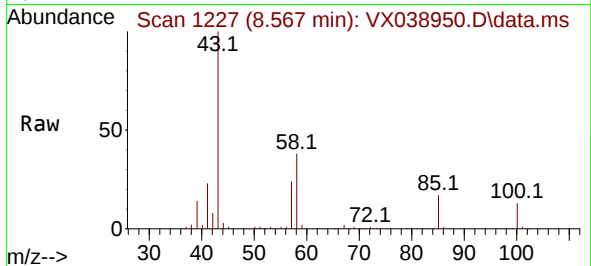
VX1120WBSD01

Tgt Ion: 43 Resp: 31114
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

Manual Integrations

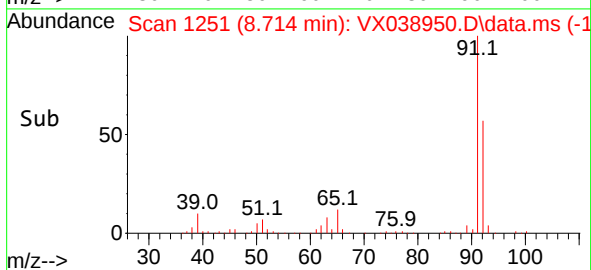
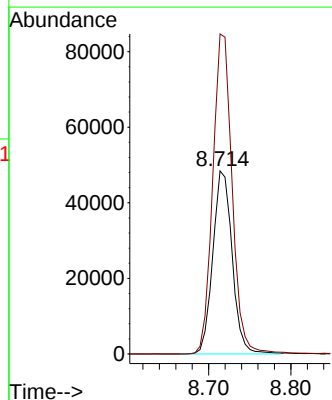
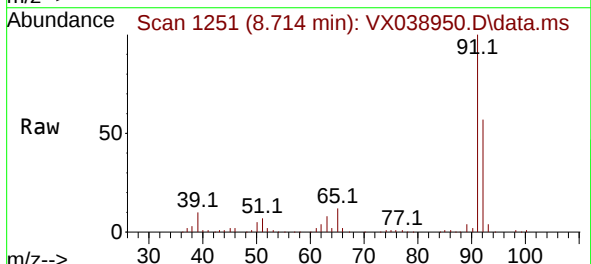
APPROVED

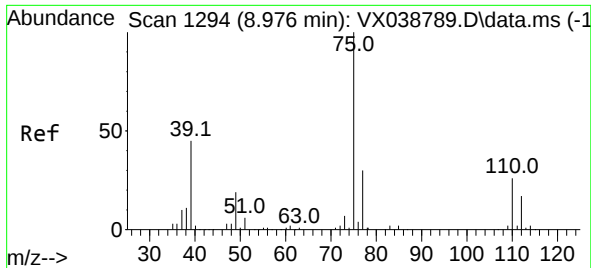
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#52
Toluene
Concen: 18.722 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

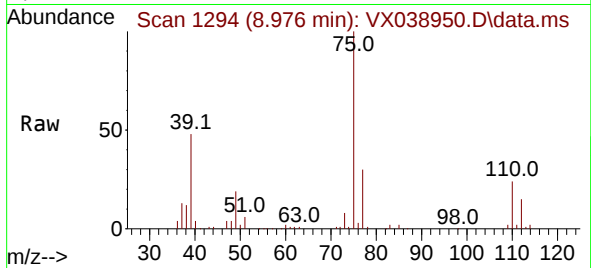
Tgt Ion: 92 Resp: 79196
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.641 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

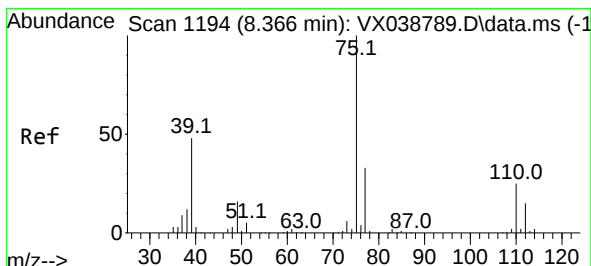
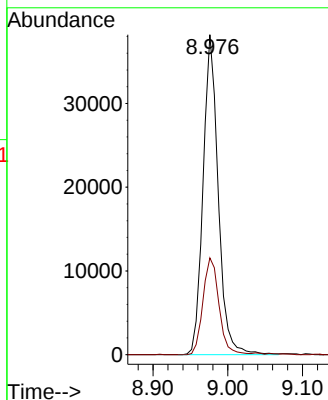
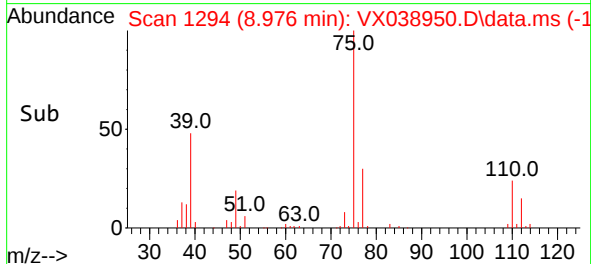
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



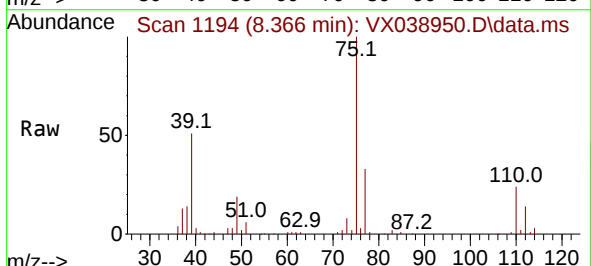
Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5

Manual Integrations
APPROVED

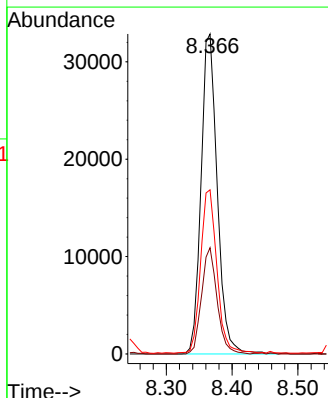
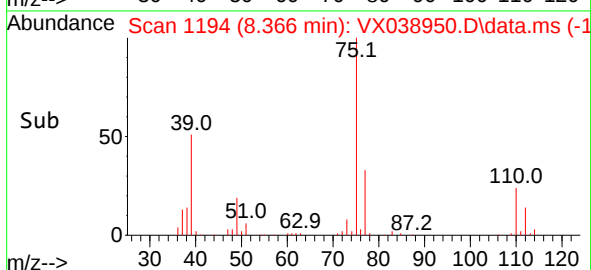
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

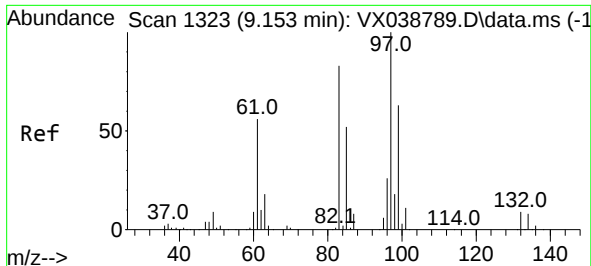


#54
cis-1,3-Dichloropropene
Concen: 18.929 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



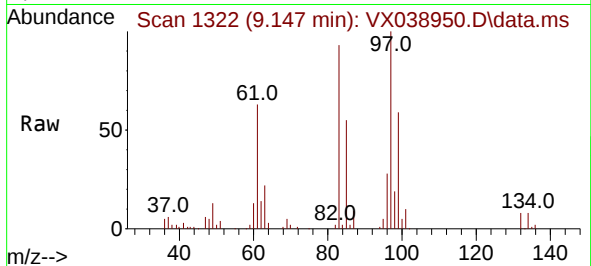
Tgt Ion: 75 Resp: 56417
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
39 51.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.251 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

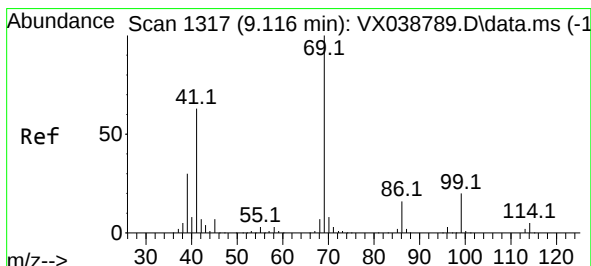
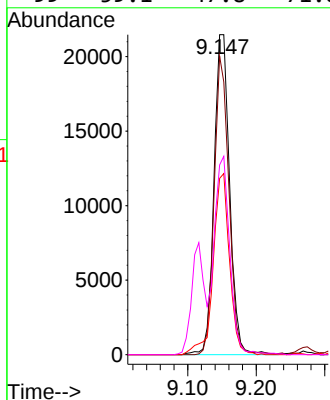
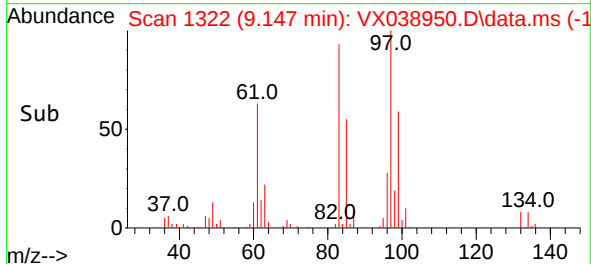
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.3	65.8	98.8
85	55.1	41.6	62.4
99	59.1	47.8	71.8

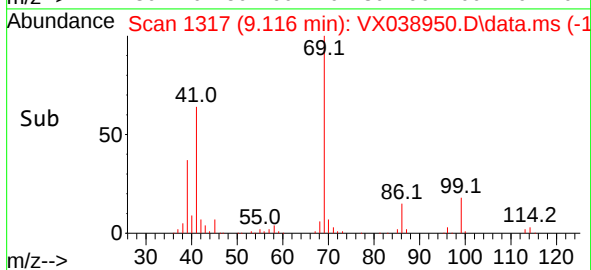
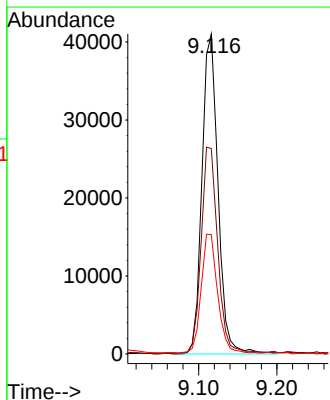
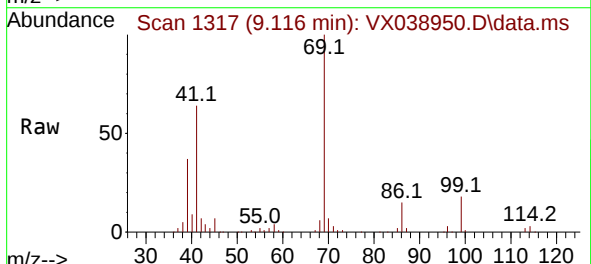
Manual Integrations
APPROVED

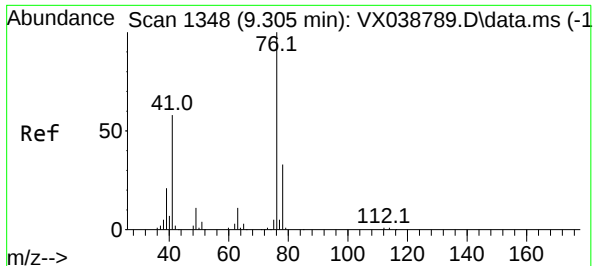
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#56
Ethyl methacrylate
Concen: 19.577 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.208 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 76 Resp: 5606

Ion Ratio Lower Upper

76 100

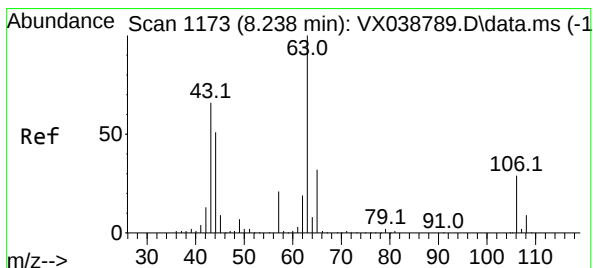
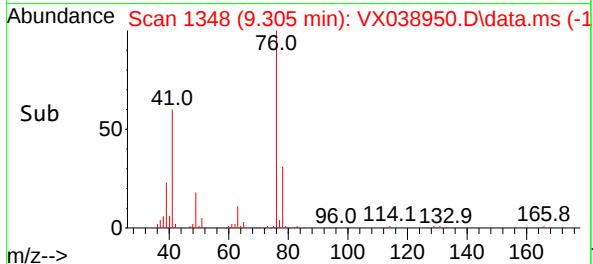
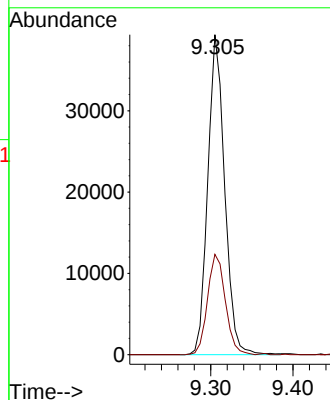
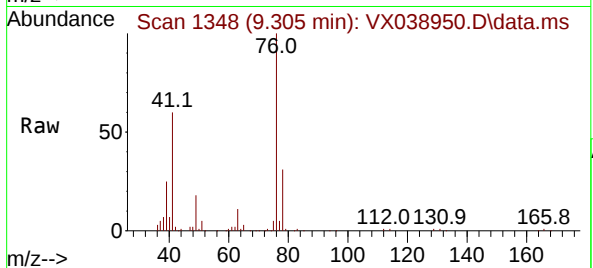
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.458 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038950.D

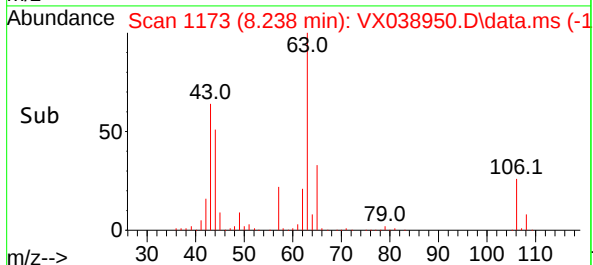
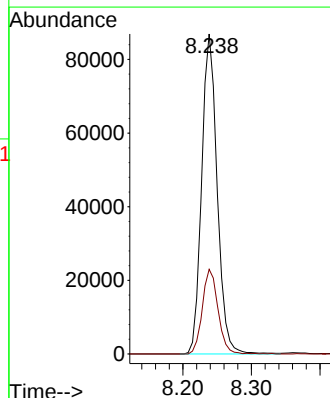
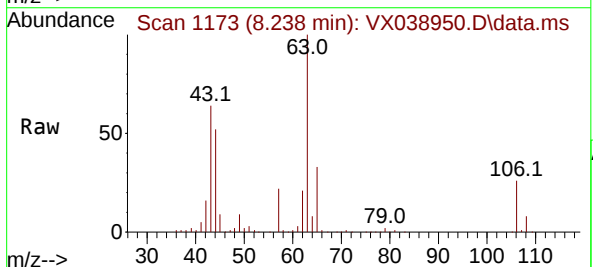
Acq: 20 Nov 2023 12:01

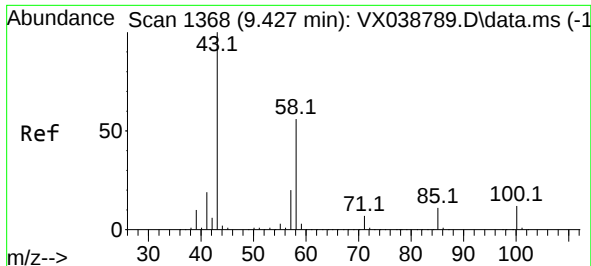
Tgt Ion: 63 Resp: 136971

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7





#59

2-Hexanone

Concen: 101.618 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 43 Resp: 24977

Ion Ratio Lower Upper

43 100

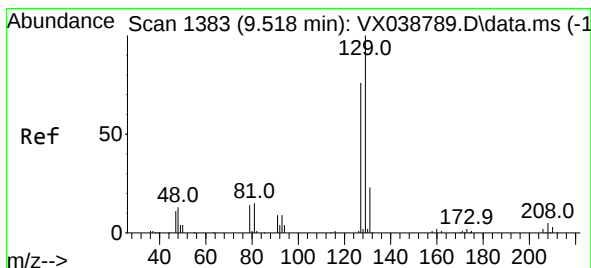
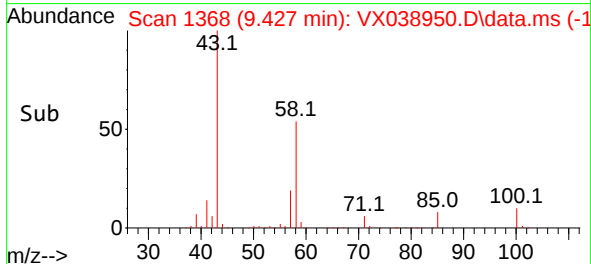
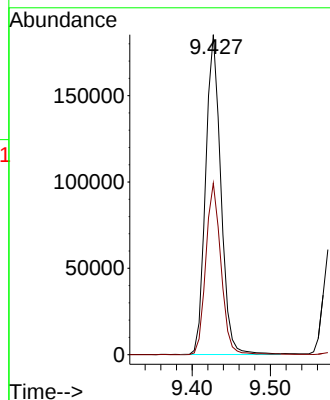
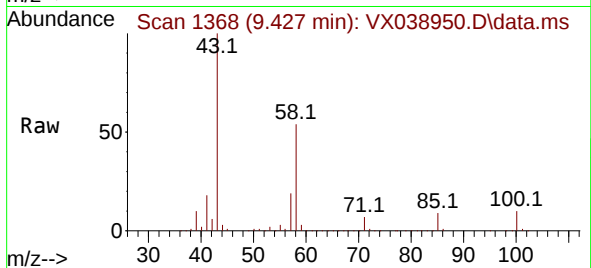
58 53.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#60

Dibromochloromethane

Concen: 20.004 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038950.D

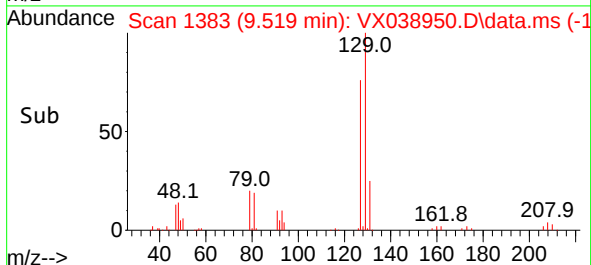
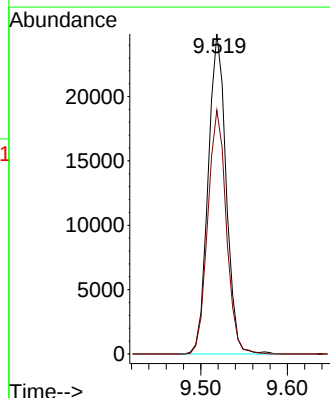
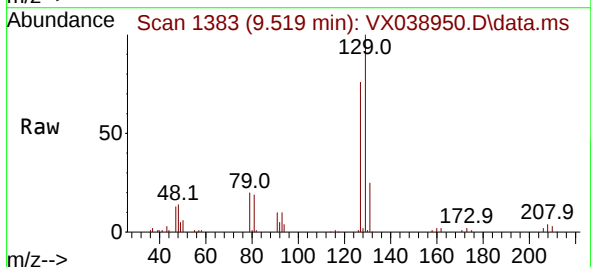
Acq: 20 Nov 2023 12:01

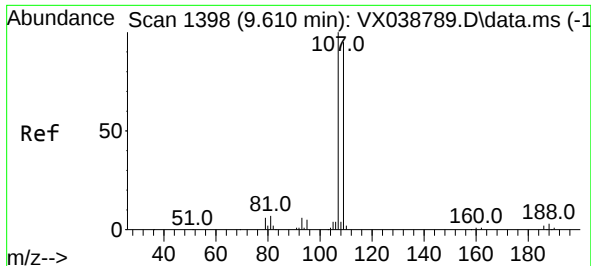
Tgt Ion:129 Resp: 35901

Ion Ratio Lower Upper

129 100

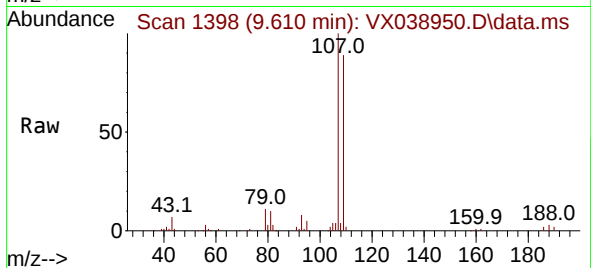
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.481 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

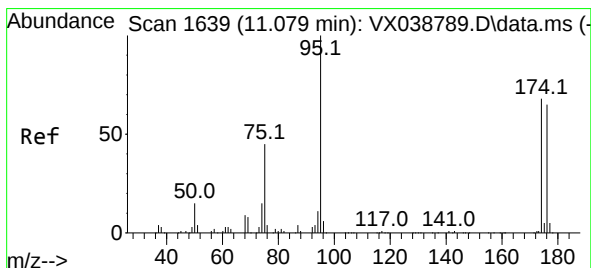
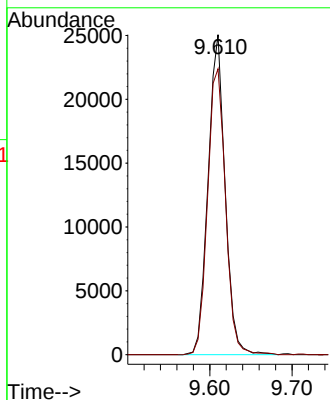
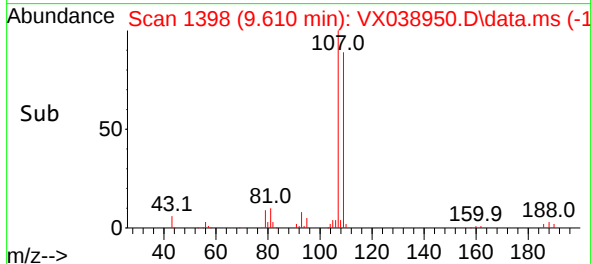
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



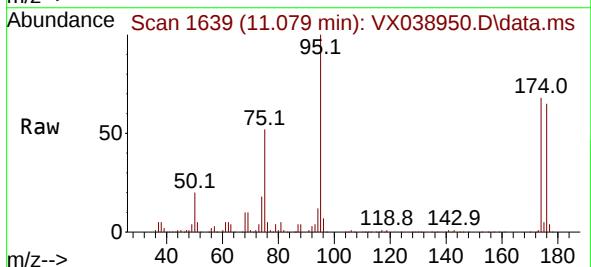
Tgt Ion:107 Resp: 3608
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

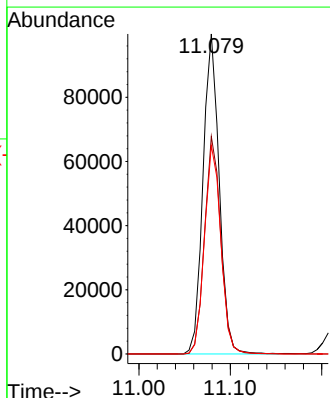
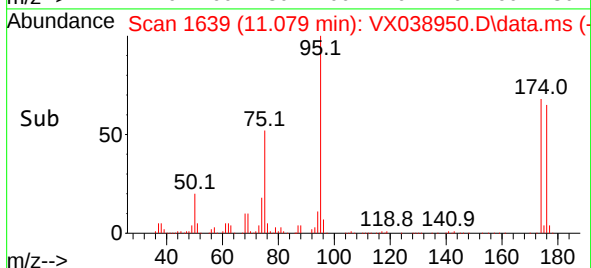
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

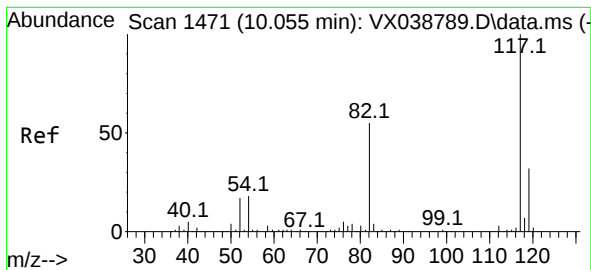


#62
4-Bromofluorobenzene
Concen: 49.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



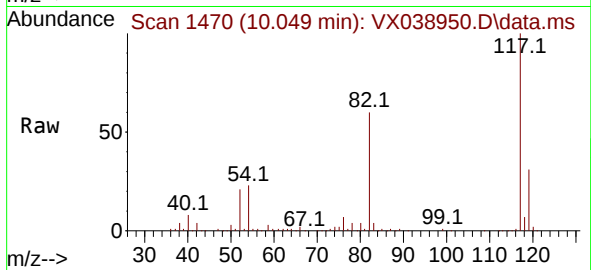
Tgt Ion: 95 Resp: 121988
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 66.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

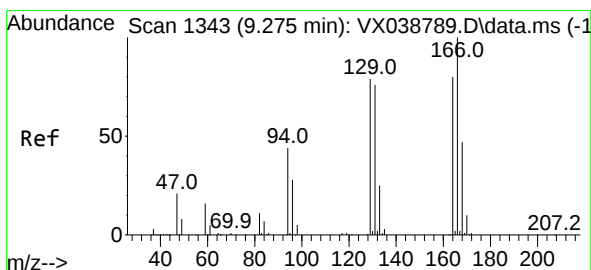
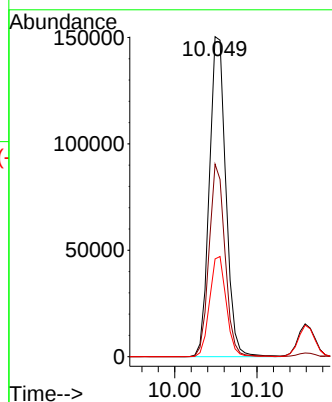
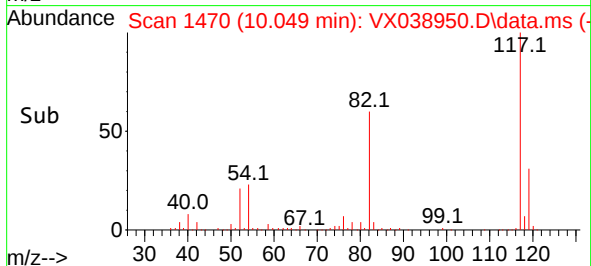
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion:117 Resp: 209848
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 30.6 25.5 38.3

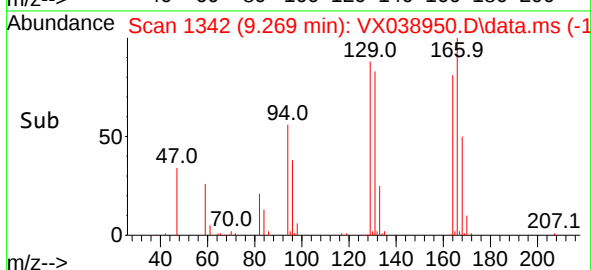
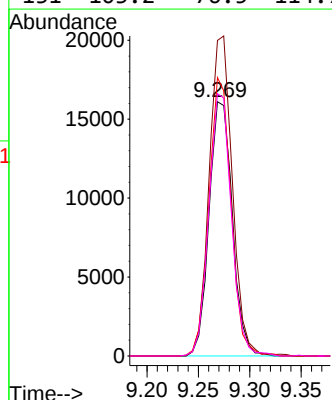
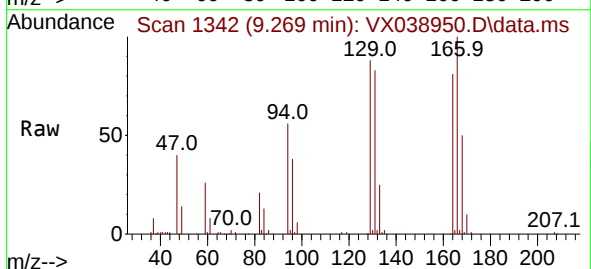
Manual Integrations
APPROVED

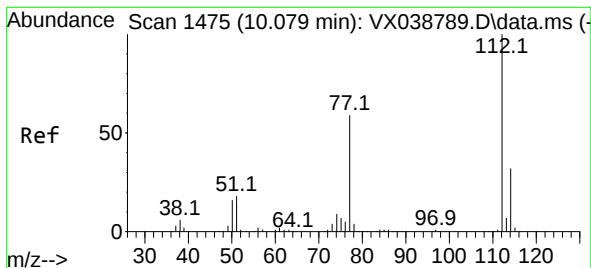
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#64
Tetrachloroethene
Concen: 19.375 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:164 Resp: 25272
Ion Ratio Lower Upper
164 100
166 124.2 102.7 154.1
129 109.5 80.4 120.6
131 103.2 76.5 114.7





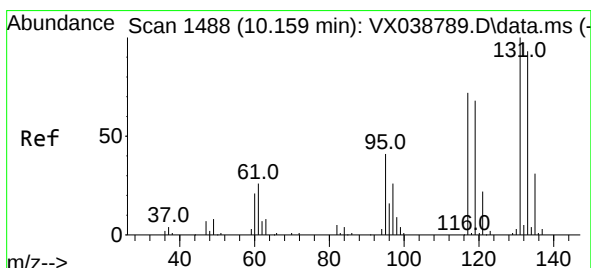
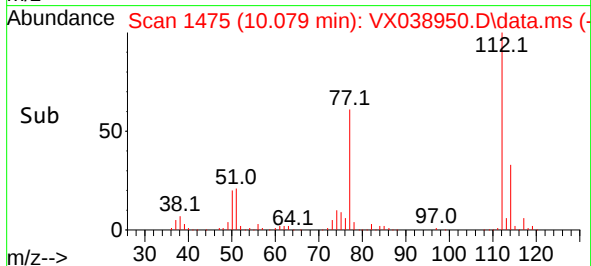
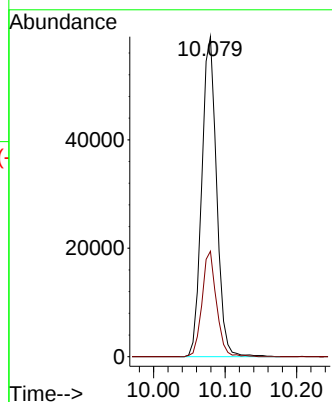
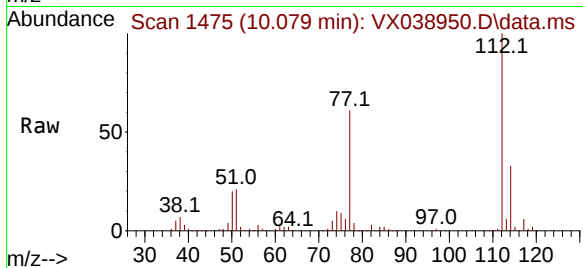
#65
Chlorobenzene
Concen: 18.840 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion:112 Resp: 8516
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

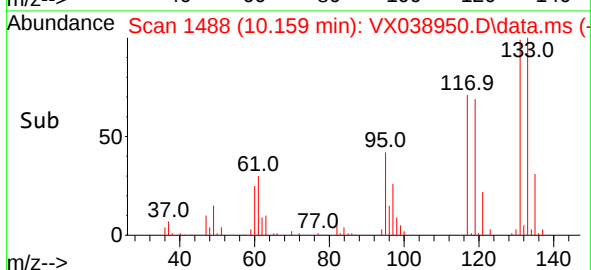
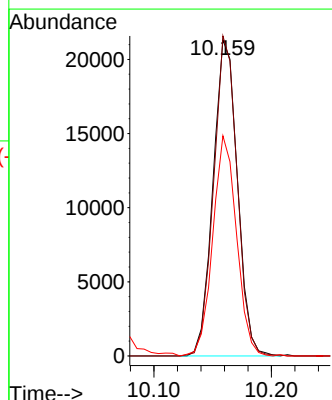
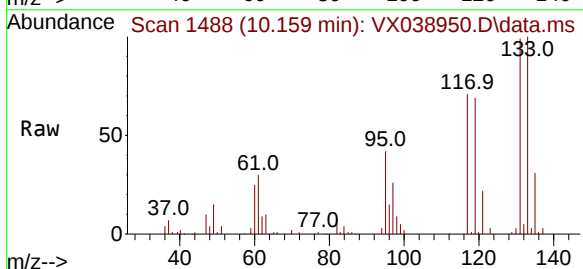
Manual Integrations
APPROVED

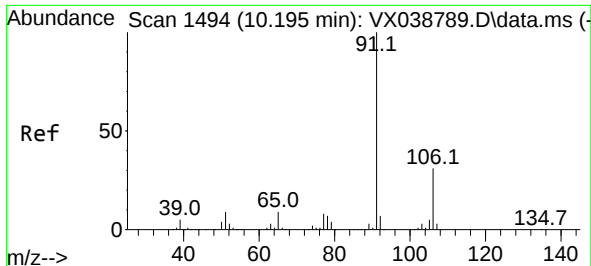
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.859 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:131 Resp: 30666
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.4
119 68.0 32.2 96.6





#67

Ethyl Benzene

Concen: 18.720 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion: 91 Resp: 15547

Ion Ratio Lower Upper

91 100

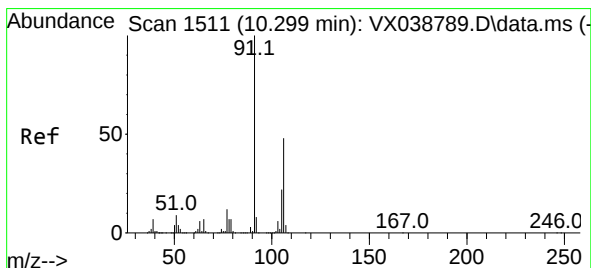
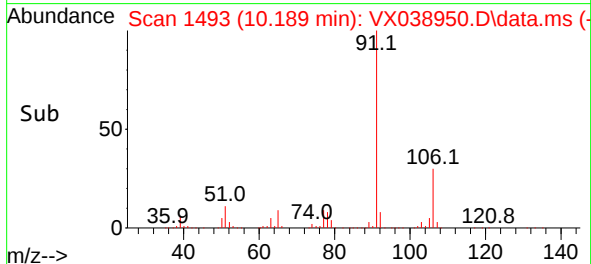
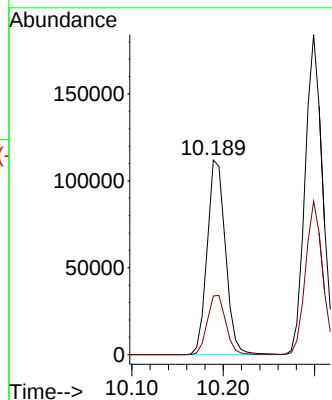
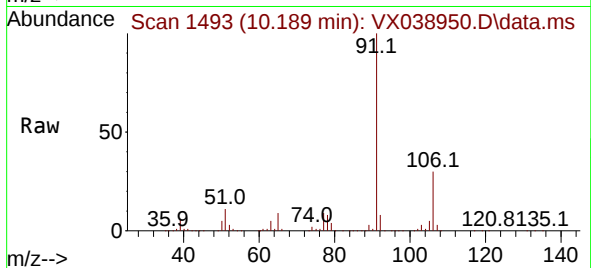
106 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#68

m/p-Xylenes

Concen: 37.249 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038950.D

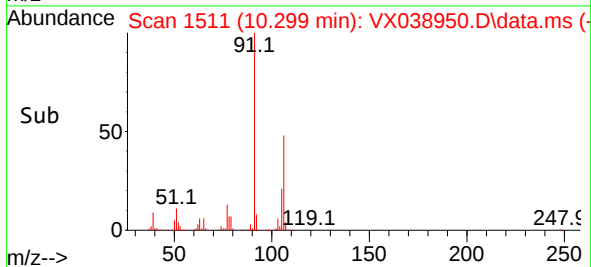
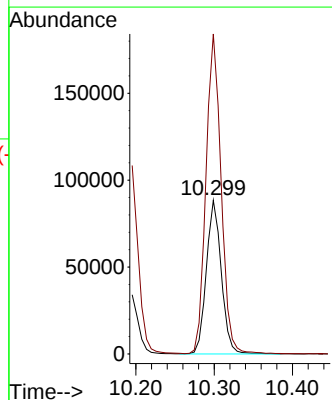
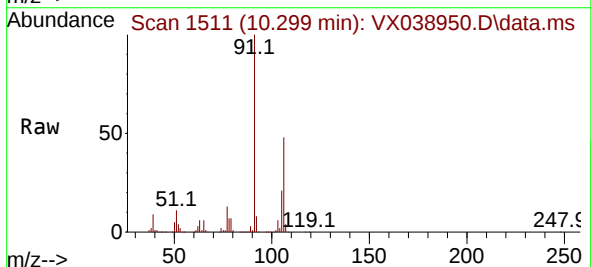
Acq: 20 Nov 2023 12:01

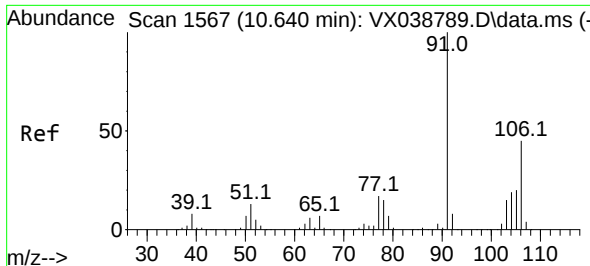
Tgt Ion:106 Resp: 117022

Ion Ratio Lower Upper

106 100

91 210.6 165.5 248.3





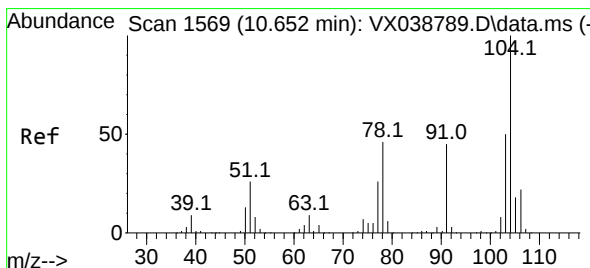
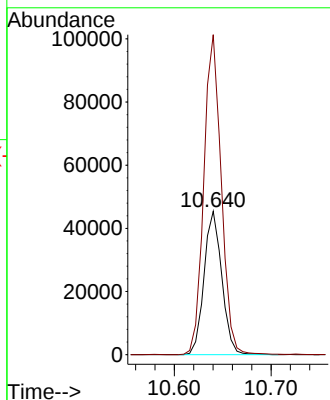
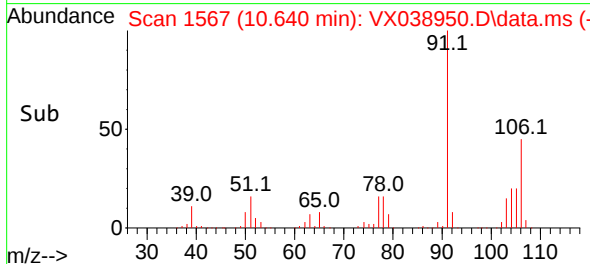
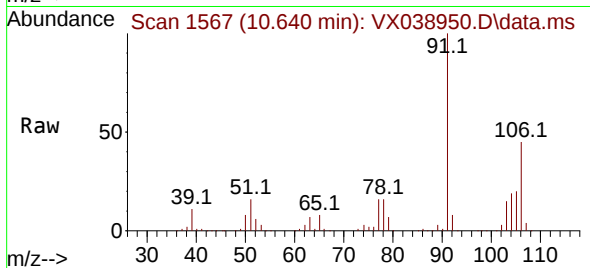
#69
o-Xylene
Concen: 18.674 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion:106 Resp: 58050
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.8

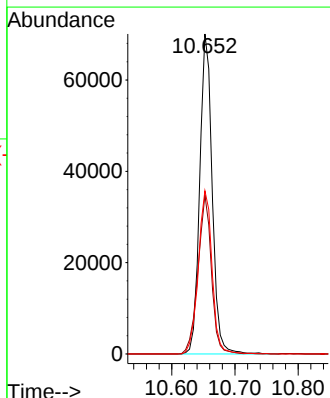
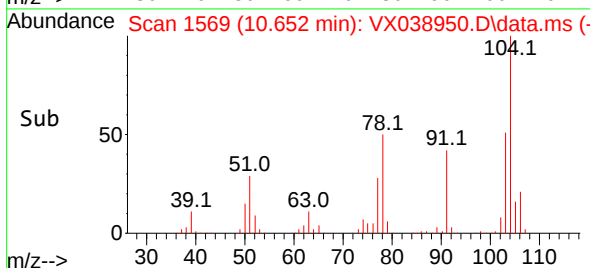
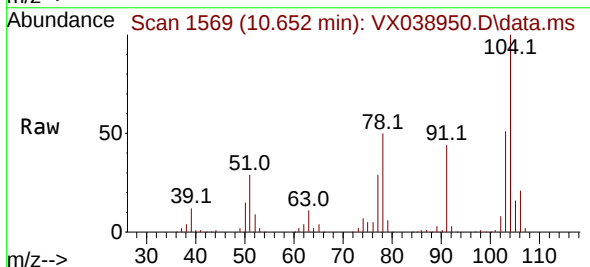
Manual Integrations
APPROVED

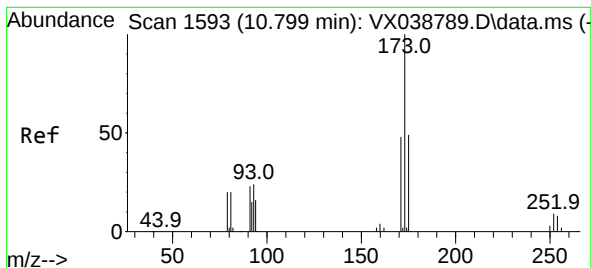
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#70
Styrene
Concen: 18.357 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

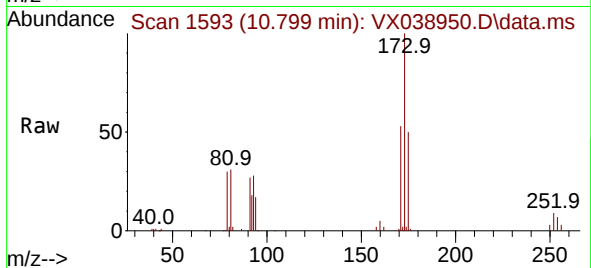
Tgt Ion:104 Resp: 96373
Ion Ratio Lower Upper
104 100
78 53.5 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 18.947 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

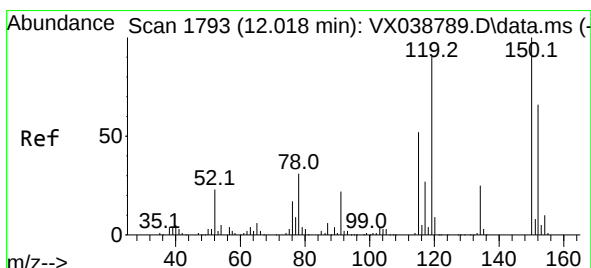
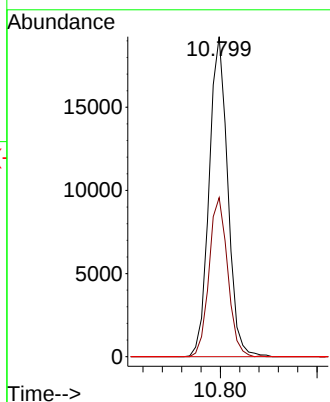
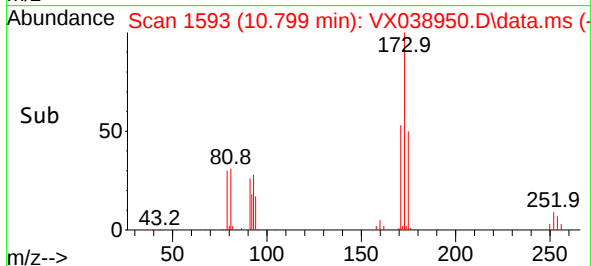
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion:173 Resp: 2568
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0

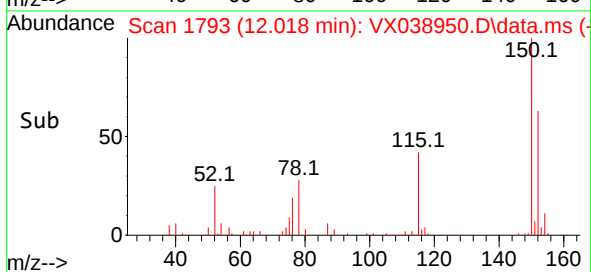
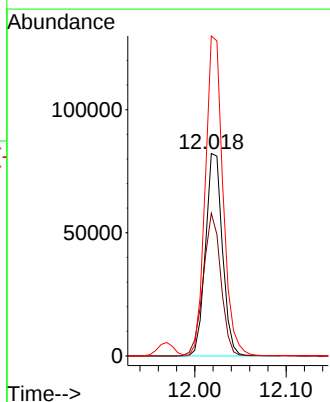
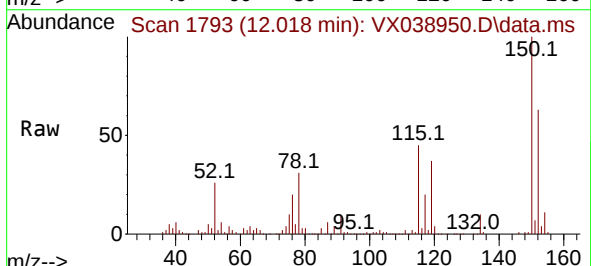
Manual Integrations
APPROVED

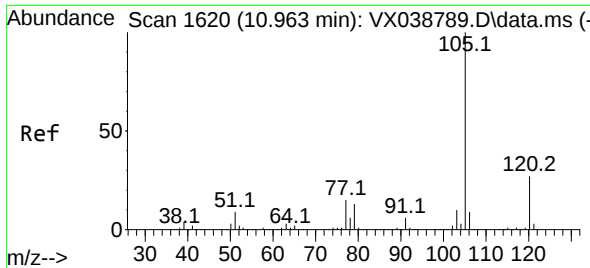
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion:152 Resp: 105689
Ion Ratio Lower Upper
152 100
115 73.4 43.3 129.9
150 164.2 0.0 345.0





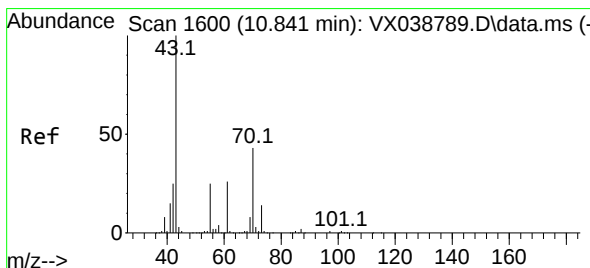
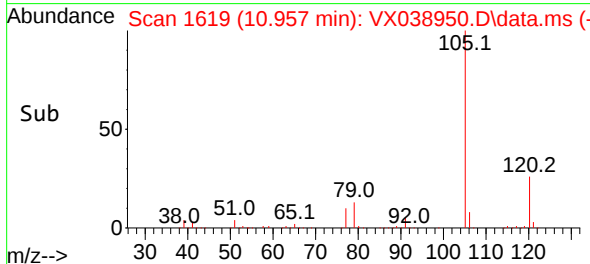
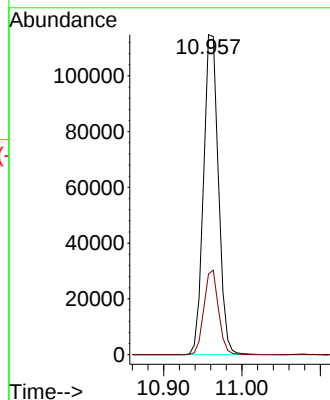
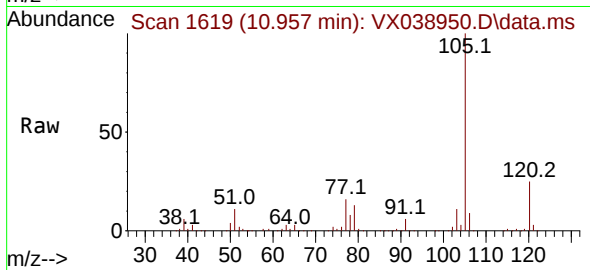
#73
Isopropylbenzene
Concen: 18.411 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion:105 Resp: 15160
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

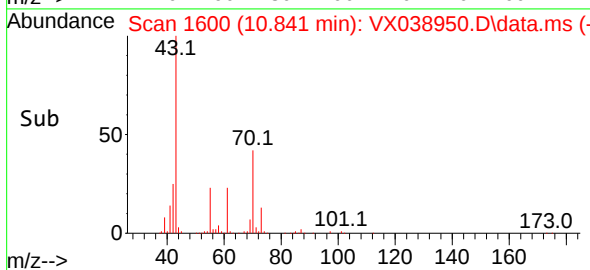
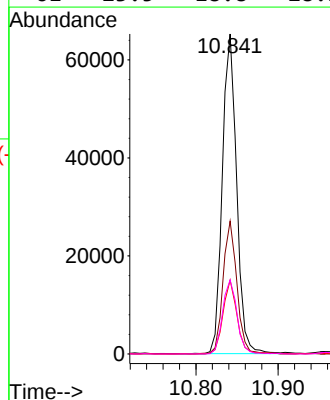
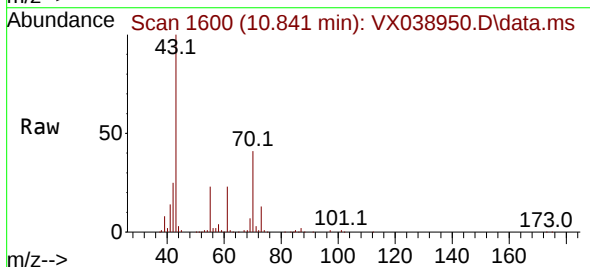
Manual Integrations
APPROVED

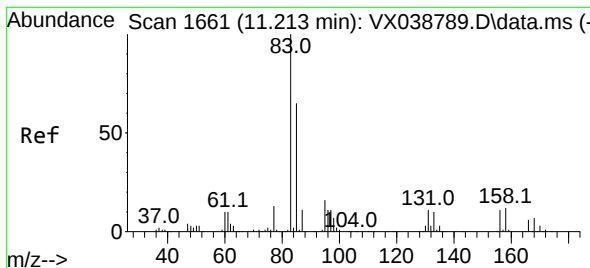
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
N-ethyl acetate
Concen: 18.068 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

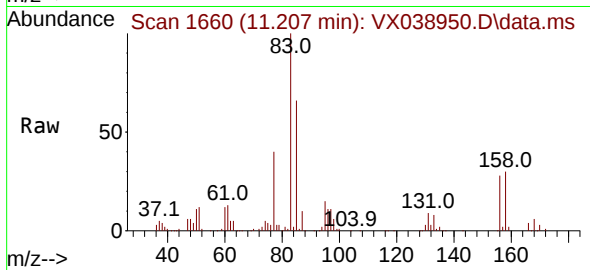
Tgt Ion: 43 Resp: 78652
Ion Ratio Lower Upper
43 100
70 40.4 32.9 49.3
55 22.9 19.3 28.9
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.590 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

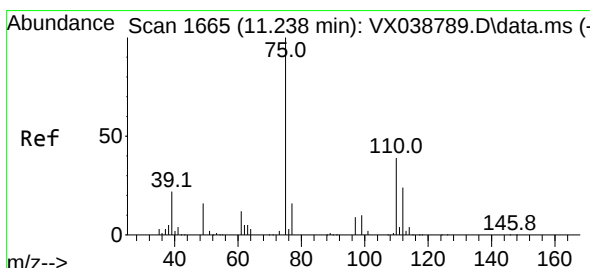
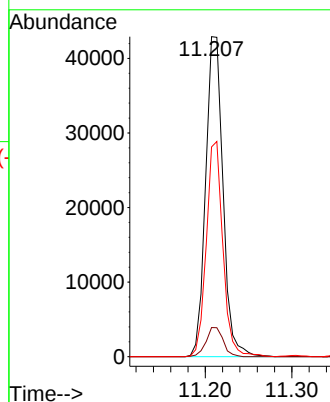
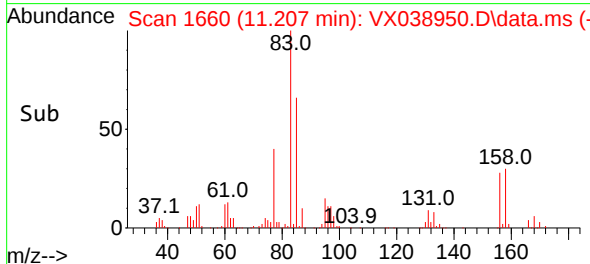
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 83 Resp: 59758
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 64.3 32.0 96.2

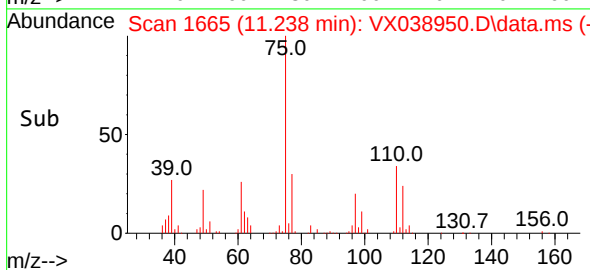
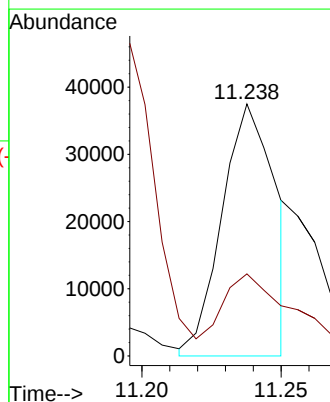
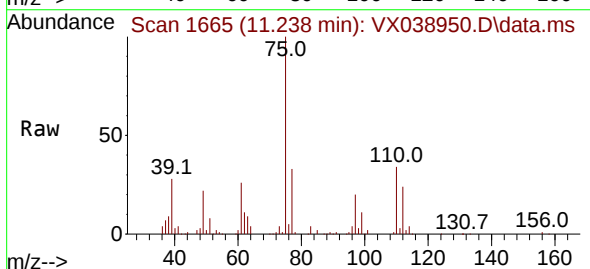
Manual Integrations
APPROVED

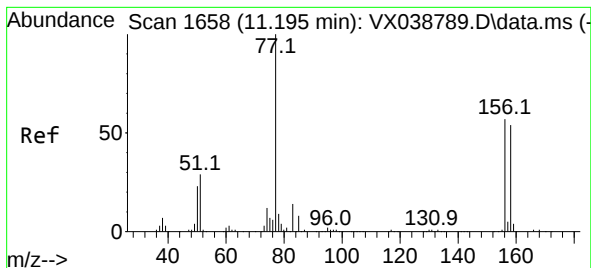
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#76
1,2,3-Trichloropropane
Concen: 18.979 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Tgt Ion: 75 Resp: 50045
Ion Ratio Lower Upper
75 100
77 44.4 19.1 57.5





#77

Bromobenzene

Concen: 18.284 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion:156 Resp: 3383

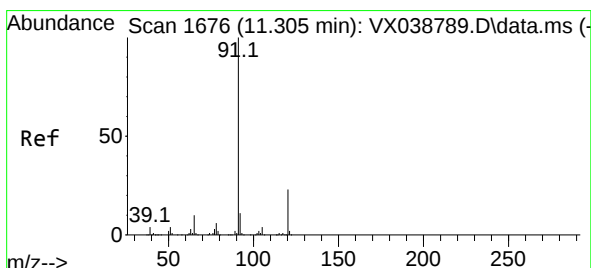
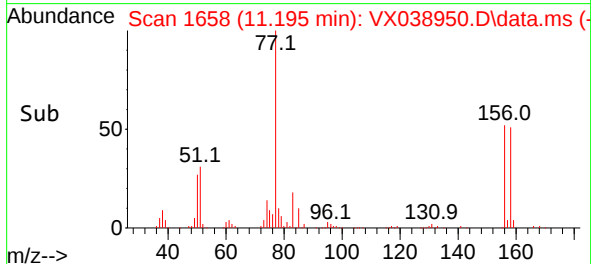
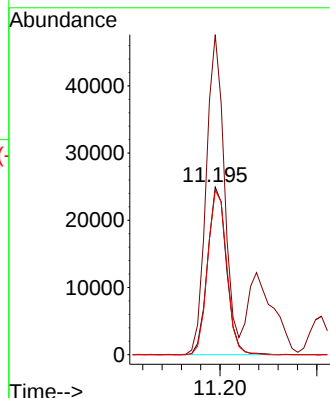
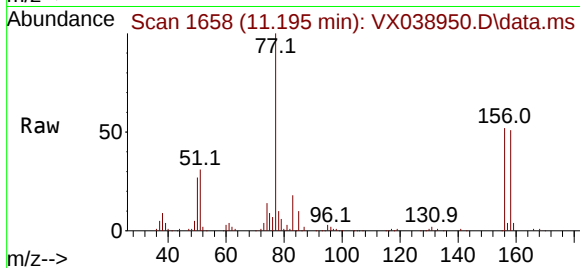
Ion	Ratio	Lower	Upper
156	100		
77	184.2	88.4	265.3
158	98.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#78

n-propylbenzene

Concen: 18.490 ug/l

RT: 11.305 min Scan# 1676

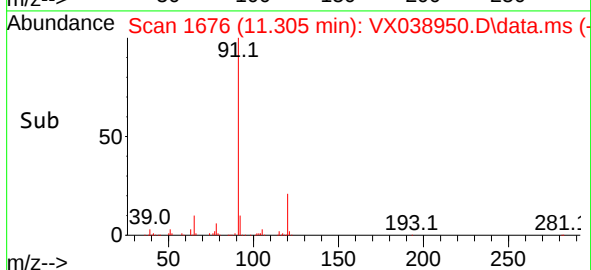
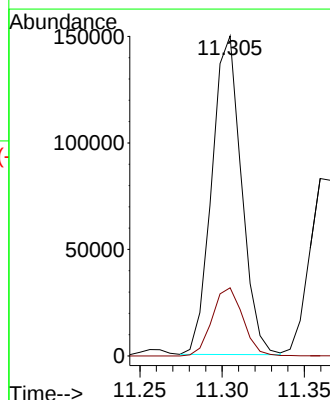
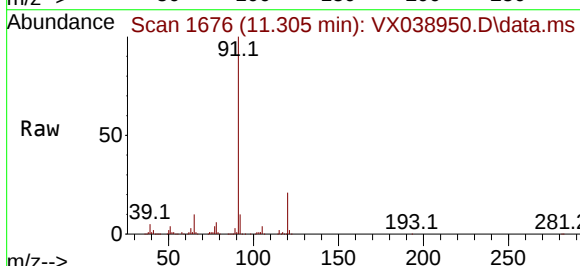
Delta R.T. 0.000 min

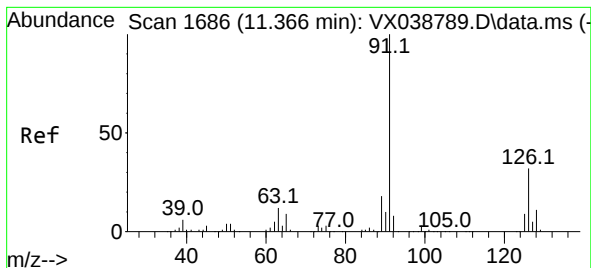
Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Tgt Ion: 91 Resp: 187416

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.5	34.4





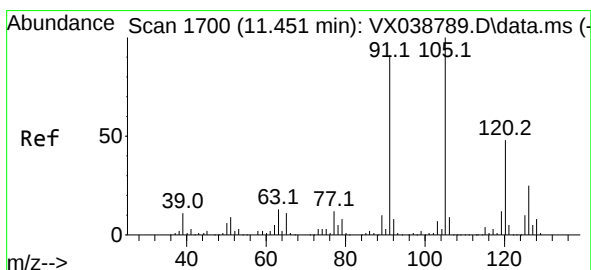
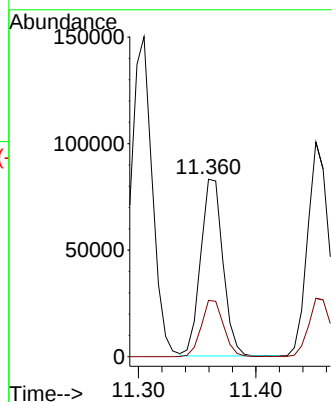
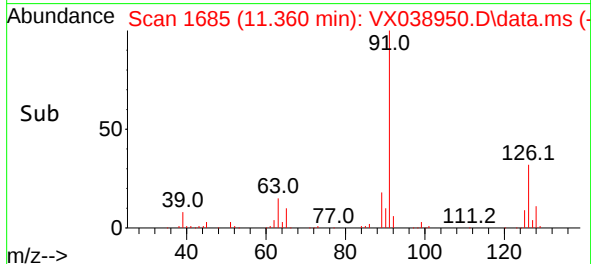
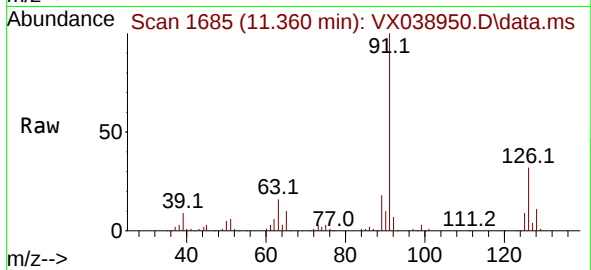
#79
2-Chlorotoluene
Concen: 18.212 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Tgt Ion: 91 Resp: 10955
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

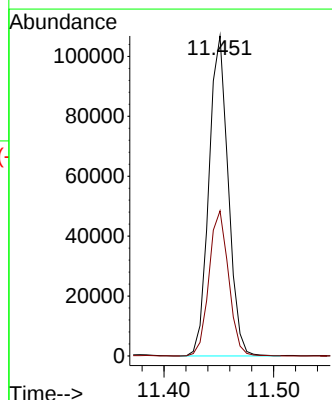
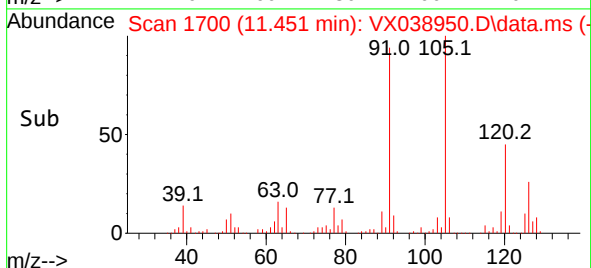
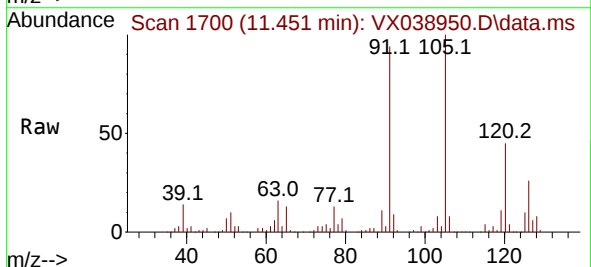
Manual Integrations
APPROVED

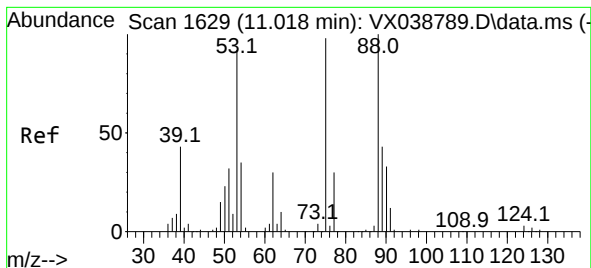
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.885 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

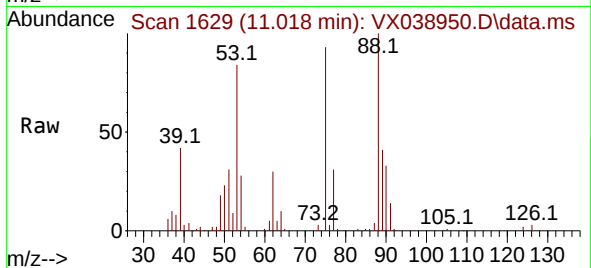
Tgt Ion:105 Resp: 130754
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.014 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

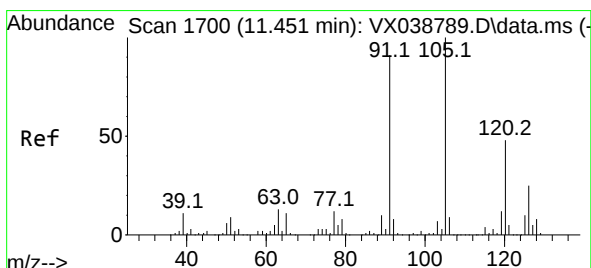
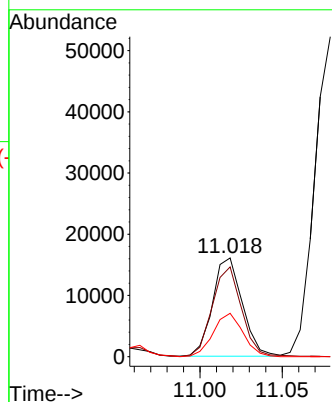
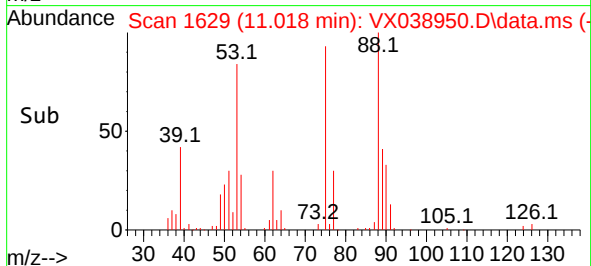
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



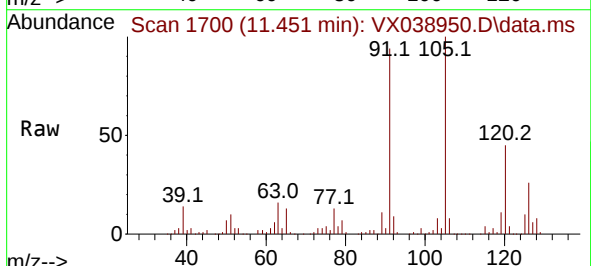
Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
53 90.2 90.5 135.7
89 44.1 36.9 55.3

Manual Integrations
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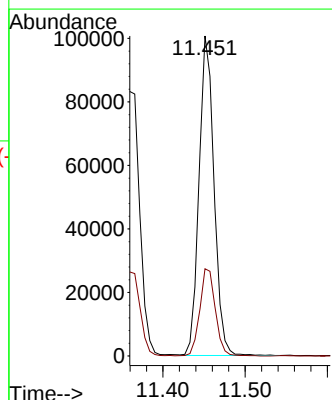
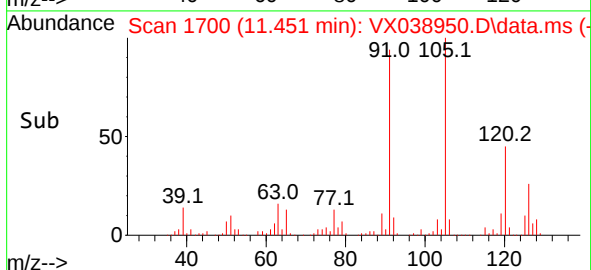
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

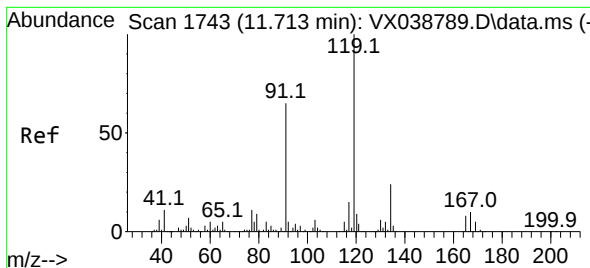


#82
4-Chlorotoluene
Concen: 18.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



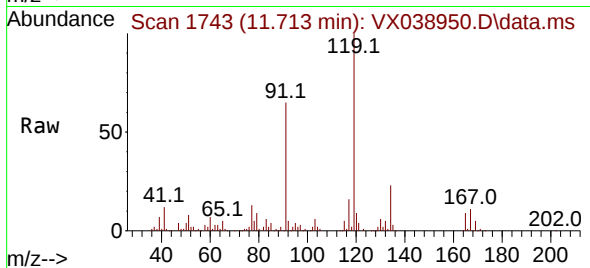
Tgt Ion: 91 Resp: 128020
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.406 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

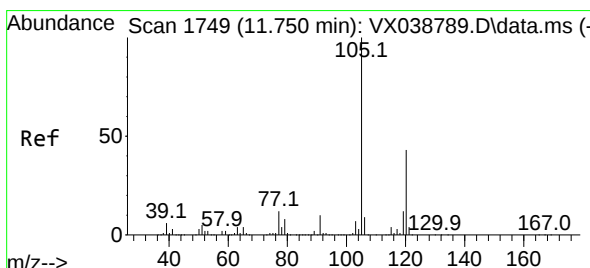
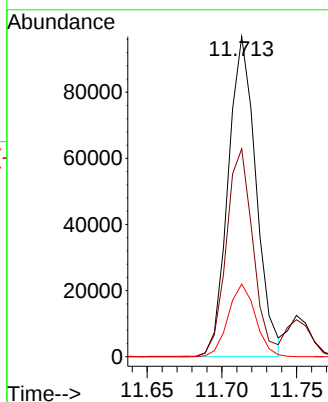
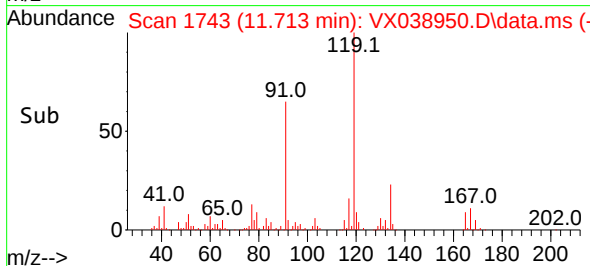
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



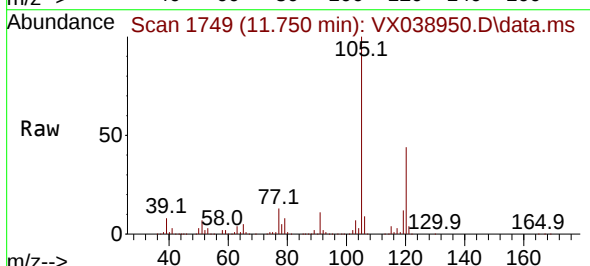
Tgt Ion:119 Resp: 12551
Ion Ratio Lower Upper
119 100
91 62.8 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
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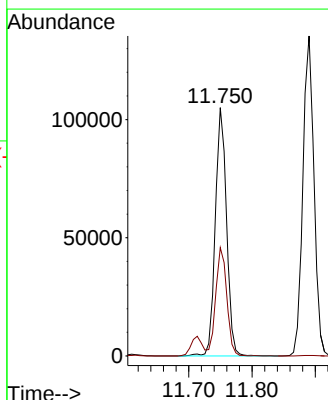
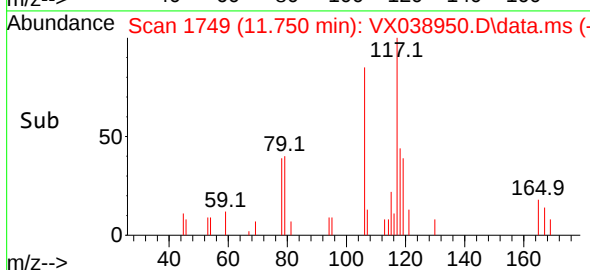
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

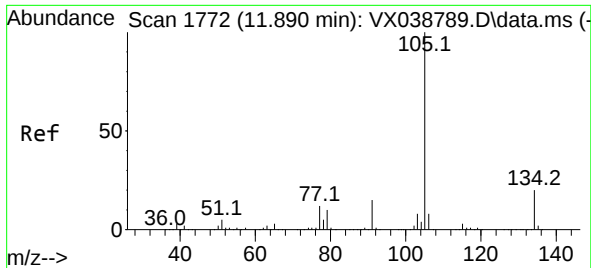


#84
1,2,4-Trimethylbenzene
Concen: 18.463 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



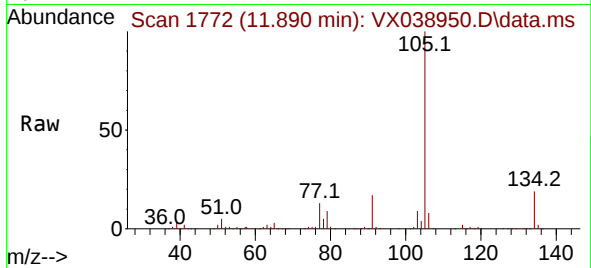
Tgt Ion:105 Resp: 129388
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01

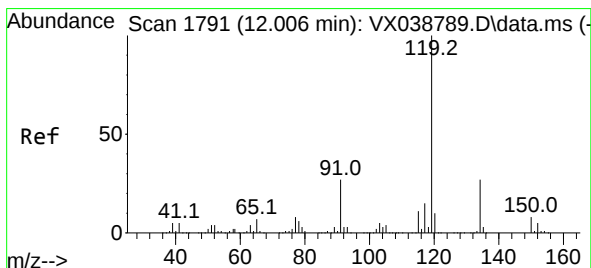
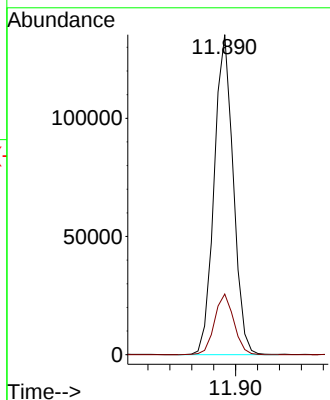
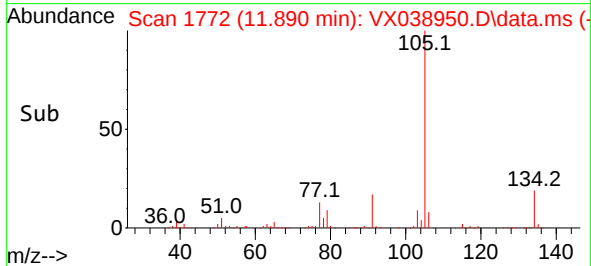
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01



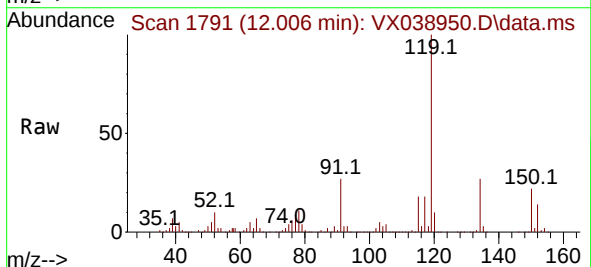
Tgt Ion:105 Resp: 163580
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
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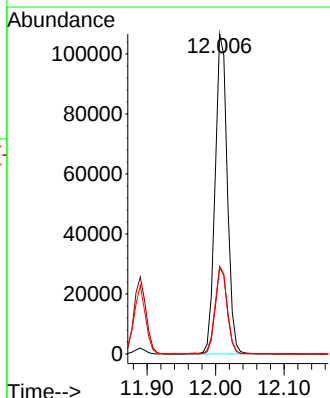
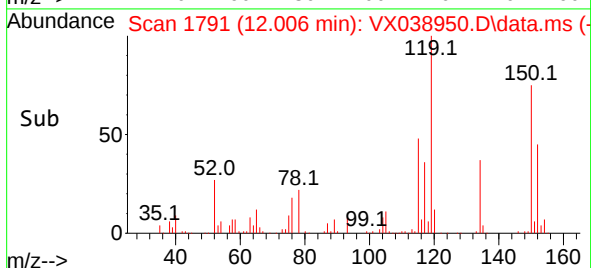
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023

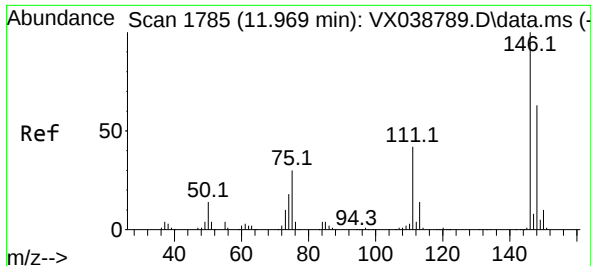


#86
 p-Isopropyltoluene
 Concen: 18.306 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038950.D
 Acq: 20 Nov 2023 12:01



Tgt Ion:119 Resp: 131078
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.680 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tgt Ion:146 Resp: 6768

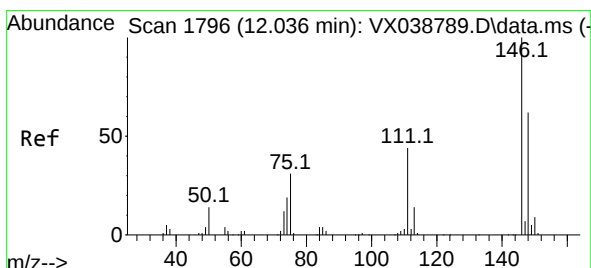
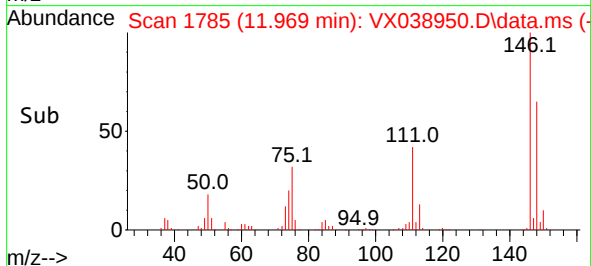
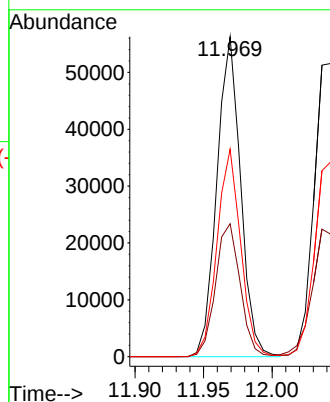
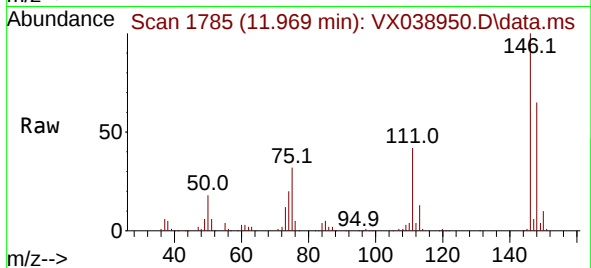
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.1	66.1
148	64.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#88

1,4-Dichlorobenzene

Concen: 18.409 ug/l

RT: 12.042 min Scan# 1797

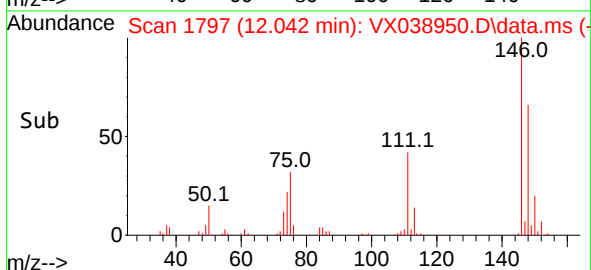
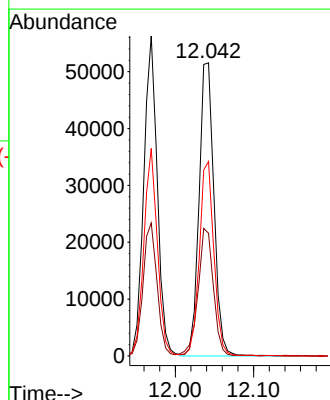
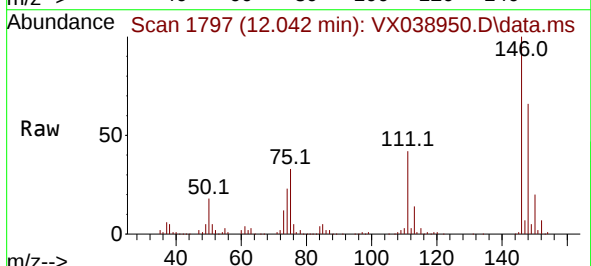
Delta R.T. 0.006 min

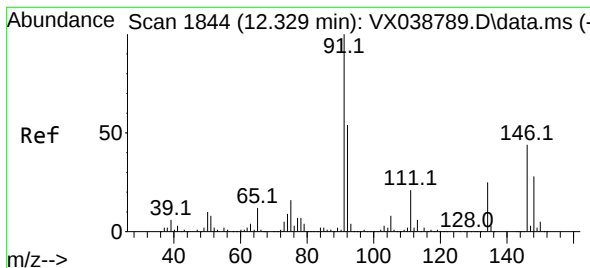
Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Tgt Ion:146 Resp: 68270

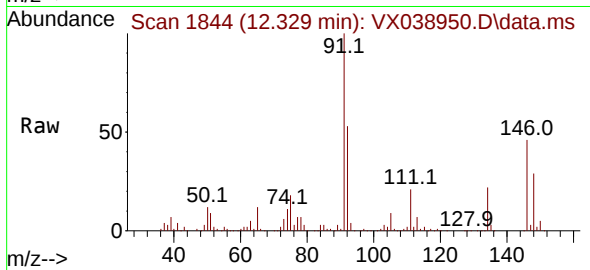
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.3	63.7
148	64.3	31.8	95.4





#89
n-Butylbenzene
Concen: 17.786 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

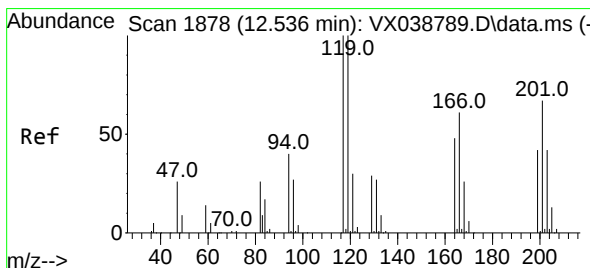
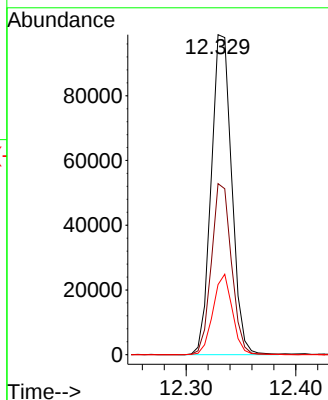
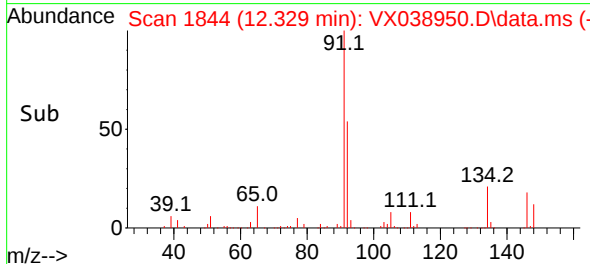
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



Tgt Ion: 91 Resp: 128490
Ion Ratio Lower Upper
91 100
92 52.5 27.4 82.0
134 23.8 12.6 37.8

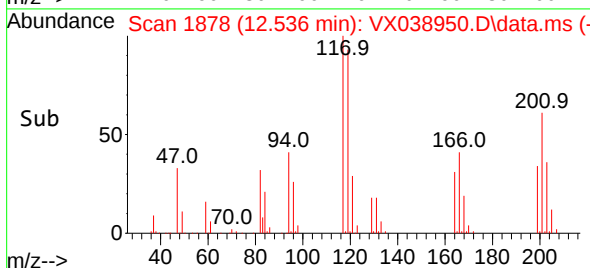
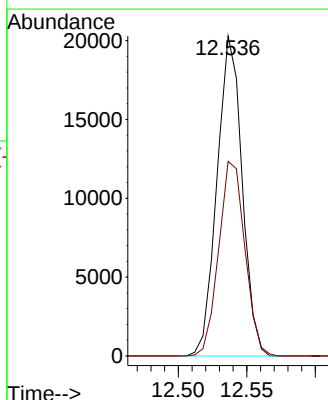
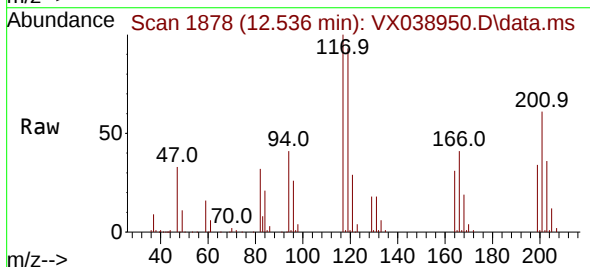
Manual Integrations
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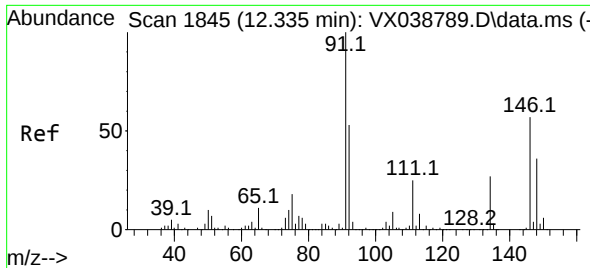
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#90
Hexachloroethane
Concen: 18.036 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

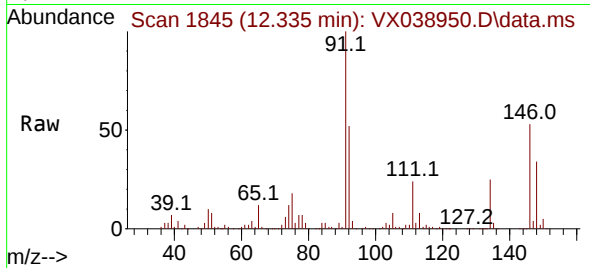
Tgt Ion:117 Resp: 25789
Ion Ratio Lower Upper
117 100
201 63.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.973 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

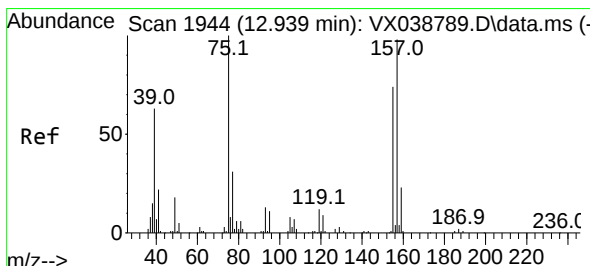
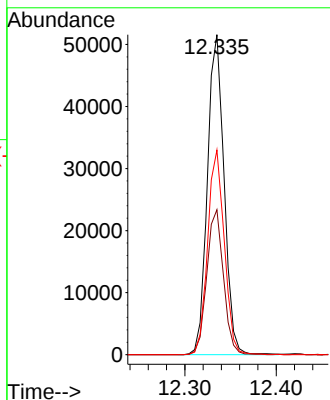
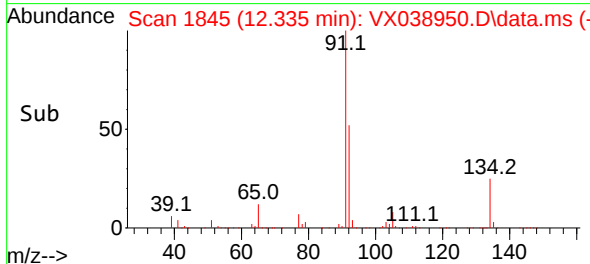
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



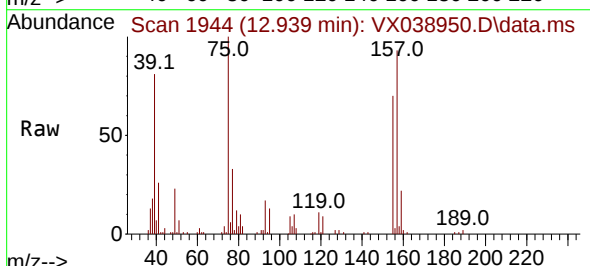
Tgt Ion:146 Resp: 6520
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
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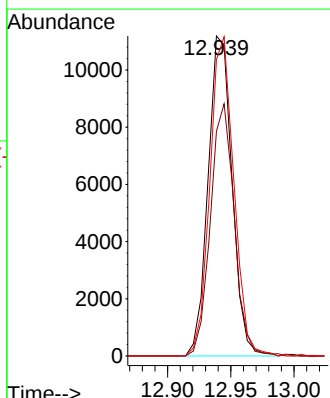
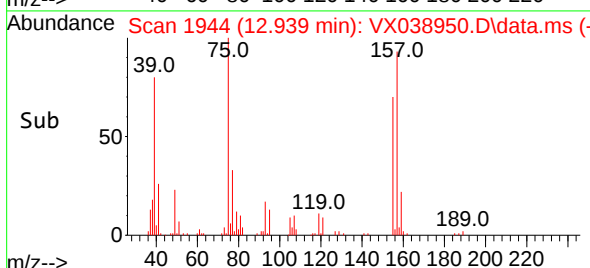
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

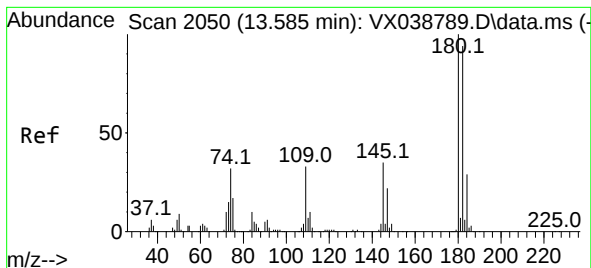


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.781 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



Tgt Ion: 75 Resp: 14791
Ion Ratio Lower Upper
75 100
155 77.7 36.1 108.5
157 99.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.124 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

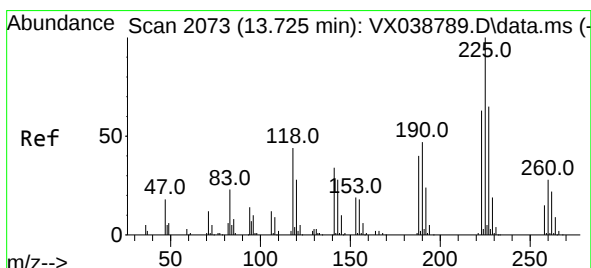
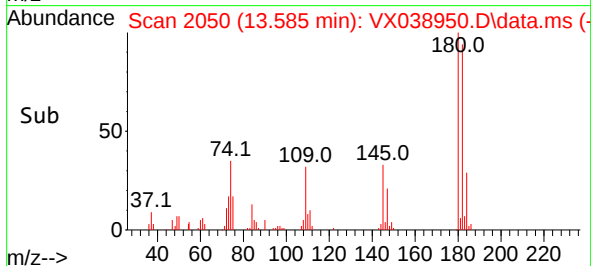
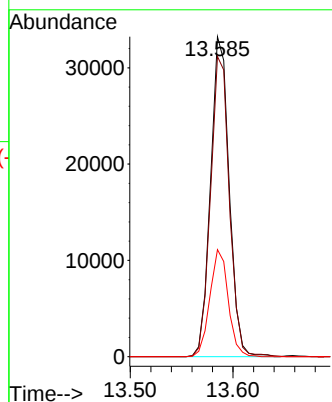
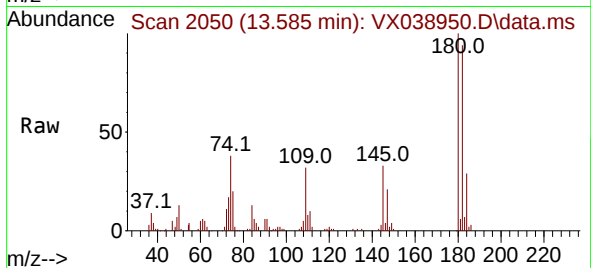
Tgt Ion:180	Resp:	41738
Ion Ratio	Lower	Upper
180	100	
182	95.0	48.3 144.8
145	33.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#94

Hexachlorobutadiene

Concen: 18.384 ug/l

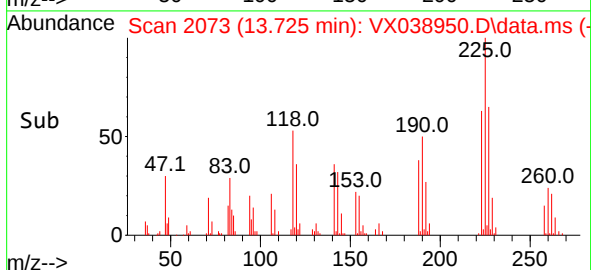
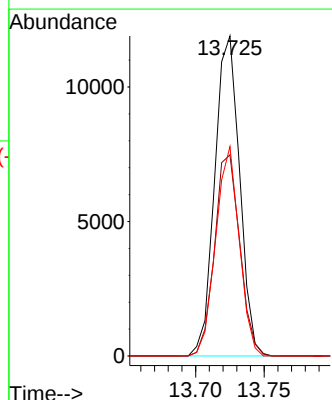
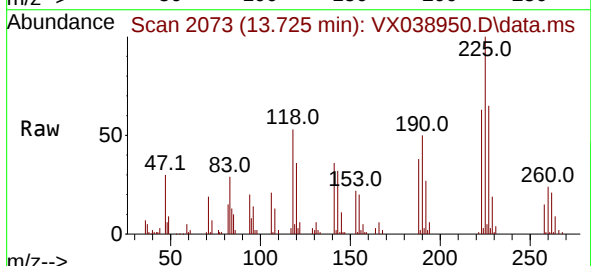
RT: 13.725 min Scan# 2073

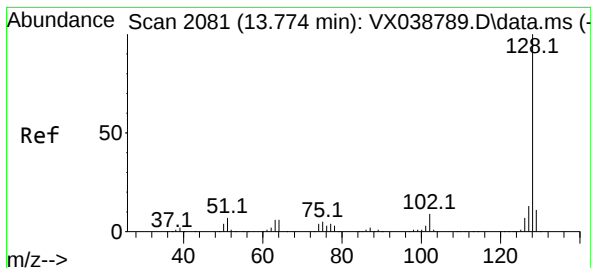
Delta R.T. 0.000 min

Lab File: VX038950.D

Acq: 20 Nov 2023 12:01

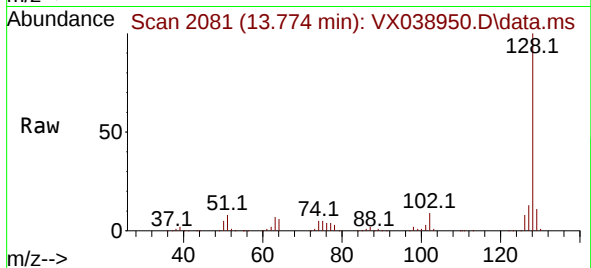
Tgt Ion:225	Resp:	14993
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.1 93.2
227	61.9	32.5 97.5





#95
Naphthalene
Concen: 18.158 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01

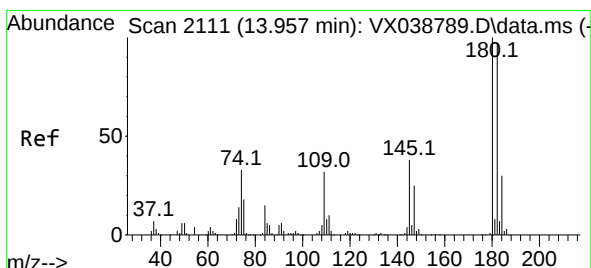
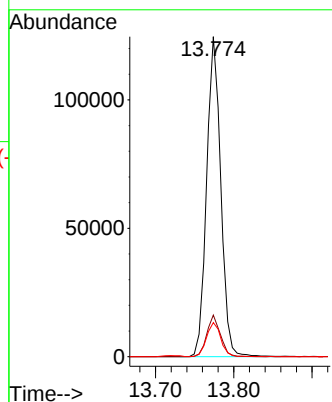
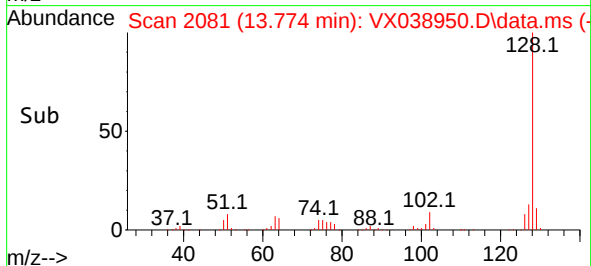
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01



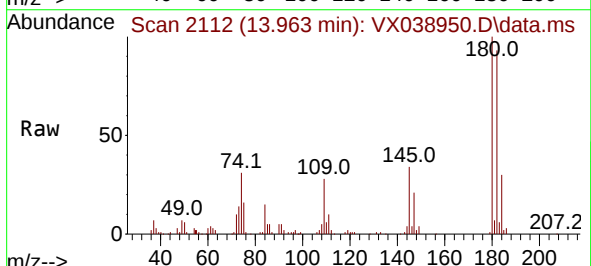
Tgt Ion:128 Resp: 155740
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.968 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038950.D
Acq: 20 Nov 2023 12:01



Tgt Ion:180 Resp: 41409
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 34.2 17.8 53.5

