

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038145.D
 Acq On : 06 Oct 2023 22:43
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 06:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	10180	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42924	30.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.867%			
60) 4-Bromofluorobenzene	11.079	95	62552	29.207	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.367%			
63) Toluene-d8	8.647	98	121022	30.399	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.333%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25485	20.803	ug/l	99
3) Chloromethane	1.300	50	25220	20.785	ug/l	99
4) Vinyl Chloride	1.374	62	29991	21.101	ug/l	96
5) Bromomethane	1.605	94	30821	17.922	ug/l	97
6) Chloroethane	1.691	64	23557	19.459	ug/l	94
7) Trichlorofluoromethane	1.886	101	61740	20.396	ug/l	97
8) Diethyl Ether	2.136	74	23057	20.879	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	23780	20.566	ug/l	98
10) 1,1-Dichloroethene	2.319	96	23559	20.914	ug/l	93
11) Methyl Iodide	2.453	142	34647	20.640	ug/l	98
12) Methyl Acetate	2.703	43	73601	19.198	ug/l	97
13) Acrolein	2.233	56	25259	105.099	ug/l	96
14) Acrylonitrile	3.062	53	91573	101.915	ug/l	96
15) Acetone	2.380	58	24294	101.541	ug/l	99
16) Carbon Disulfide	2.514	76	59576	19.792	ug/l	97
17) Allyl chloride	2.666	41	37256	19.681	ug/l	88
18) Methylene Chloride	2.788	84	30019	20.438	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	28153	19.957	ug/l	96
20) Diisopropyl ether	3.763	45	84770	20.406	ug/l #	93
21) 1,1-Dichloroethane	3.611	63	51674	20.439	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	33325	20.058	ug/l	96
23) tert-Butyl Alcohol	2.953	59	39125	98.899	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	89180	20.166	ug/l	99
25) Chloroform	5.092	83	57726	20.108	ug/l	98
26) Cyclohexane	5.470	56	43037	20.124	ug/l #	95
29) 1,1-Dichloropropene	5.696	75	41407	20.204	ug/l	99
30) 2-Butanone	4.556	43	134462	102.074	ug/l	98
31) 2,2-Dichloropropane	4.477	77	29558	19.523	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	47933	19.574	ug/l	98
33) Carbon Tetrachloride	5.678	117	40285	19.416	ug/l	95
34) Benzene	6.037	78	123736	20.409	ug/l	98
35) Methacrylonitrile	4.922	41	25458	20.643	ug/l	96
36) 1,2-Dichloroethane	6.086	62	48240	20.510	ug/l #	86
37) Trichloroethene	7.129	130	32020	20.053	ug/l	93
38) Methylcyclohexane	7.385	83	47863	19.606	ug/l	96
39) 1,2-Dichloropropane	7.434	63	30876	20.317	ug/l	92
40) Dibromomethane	7.586	93	23964	20.180	ug/l	96
41) Bromodichloromethane	7.824	83	41755	19.614	ug/l #	98
42) Vinyl Acetate	3.721	43	300334	103.587	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	49380	20.265	ug/l	98
44) Isopropyl Acetate	6.342	43	73166	20.170	ug/l	99
45) 1,4-Dioxane	7.659	88	18992	411.994	ug/l #	1
46) Methyl methacrylate	7.696	41	35572	19.890	ug/l	99
47) n-amyl Acetate	10.841	43	62252	19.768	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	40577	18.544	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	43506	18.753	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	32883	19.613	ug/l	98
51) Ethyl methacrylate	9.116	69	48891	19.472	ug/l	96
52) 1,3-Dichloropropane	9.311	76	54923	20.144	ug/l	98
53) Dibromochloromethane	9.518	129	31155	18.758	ug/l	100
54) 1,2-Dibromoethane	9.610	107	34925	19.064	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	129490	102.176	ug/l	100
56) Bromoform	10.799	173	21433	17.267	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	264675	102.854	ug/l	98
59) 2-Hexanone	9.427	43	215013	103.927	ug/l	99
61) Tetrachloroethene	9.275	164	27589	19.639	ug/l	95
62) Toluene	8.720	91	136902	19.986	ug/l	98
64) Chlorobenzene	10.079	112	84829	19.776	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	28670	19.173	ug/l	99
66) Ethyl Benzene	10.195	91	153894	19.813	ug/l	100
67) m/p-Xylenes	10.305	106	118301	39.259	ug/l	96
68) o-Xylene	10.640	106	56406	19.292	ug/l	95
69) Styrene	10.659	104	94316	19.413	ug/l	98
70) Isopropylbenzene	10.963	105	151941	19.705	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	57461	20.218	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	49834m	19.280	ug/l	
73) Bromobenzene	11.201	156	36269	18.996	ug/l	99
74) n-propylbenzene	11.305	91	183941	19.630	ug/l	97
75) 2-Chlorotoluene	11.366	91	109306	19.853	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	130838	19.418	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	12445	17.688	ug/l	94
78) 4-Chlorotoluene	11.457	91	127969	19.545	ug/l	99
79) tert-butylbenzene	11.713	119	122164	19.086	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	130855	19.890	ug/l	97
81) sec-Butylbenzene	11.890	105	164861	19.688	ug/l	97
82) p-Isopropyltoluene	12.012	119	134675	19.455	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	73171	19.650	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	74200	19.570	ug/l	98
85) n-Butylbenzene	12.335	91	128376	19.436	ug/l	97
86) Hexachloroethane	12.536	117	20378	17.808	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	70061	19.411	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12760	19.387	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	45794	19.544	ug/l	98
90) Hexachlorobutadiene	13.725	225	17821	18.908	ug/l	95
91) Naphthalene	13.774	128	155996	19.439	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	43975	19.173	ug/l	99

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

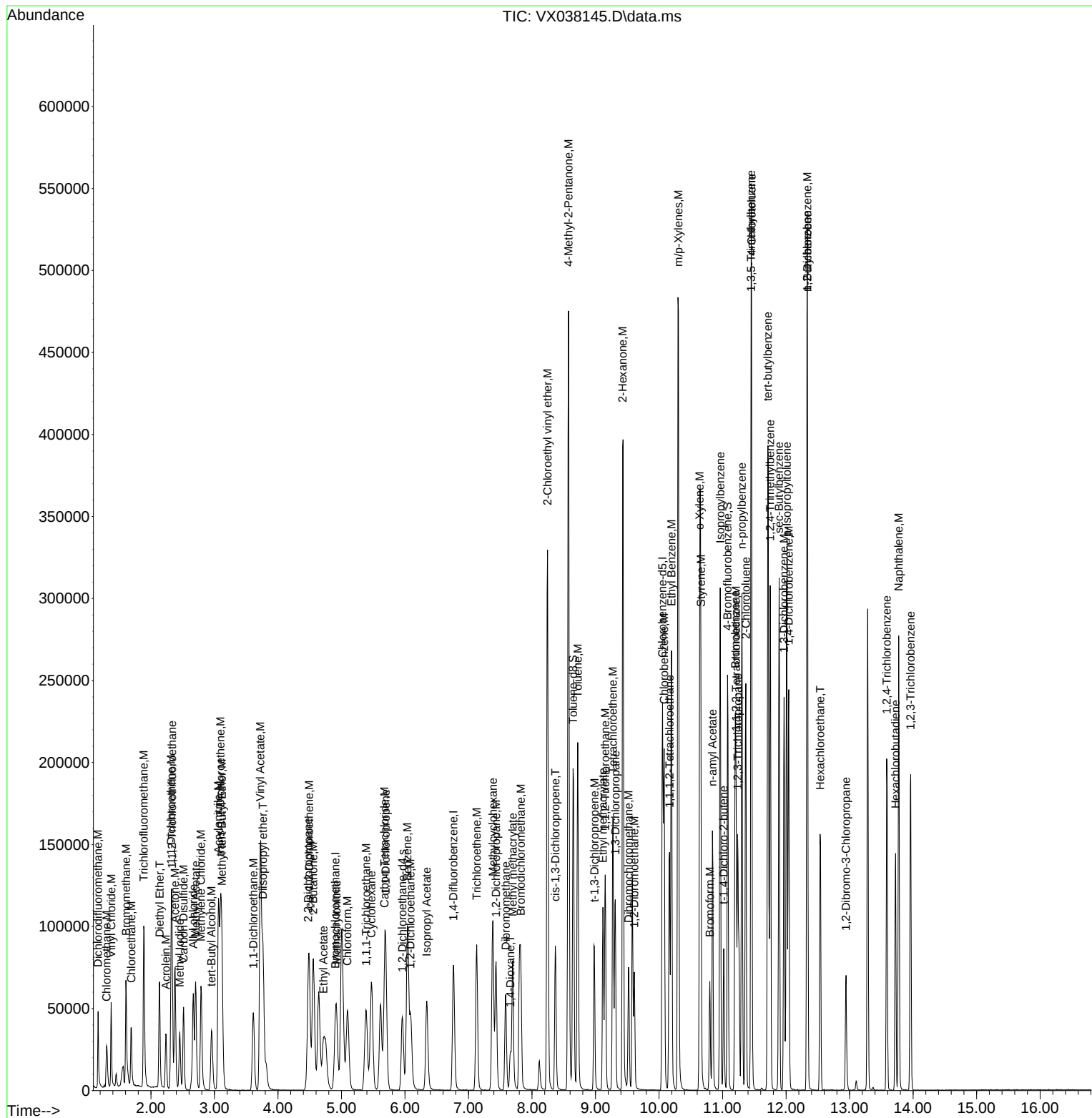
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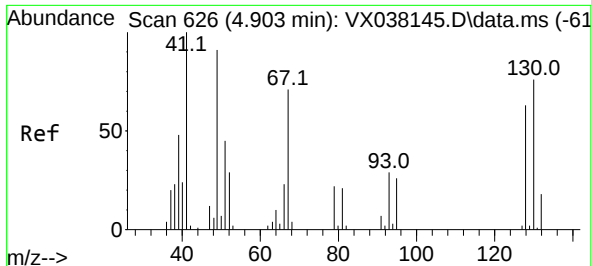
Instrument :
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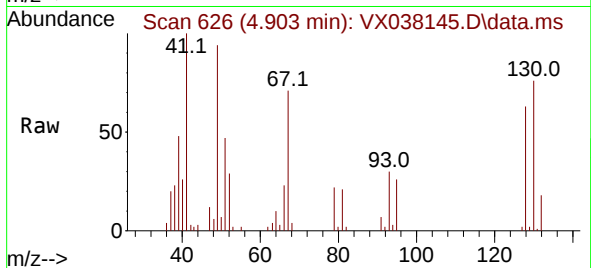
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Oct 07 06:04:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

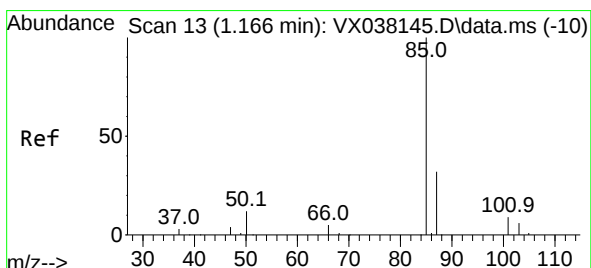
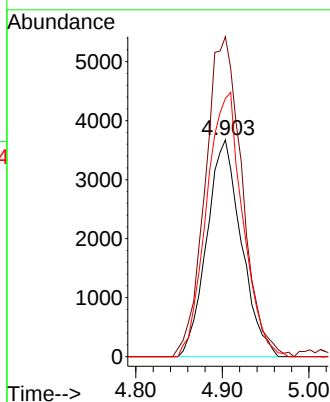
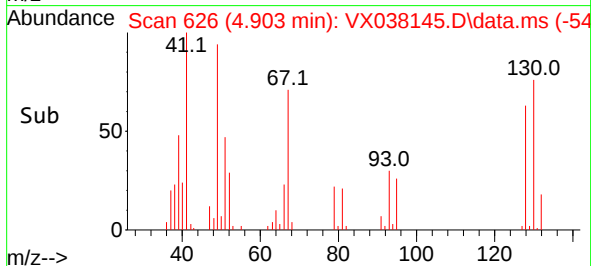
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



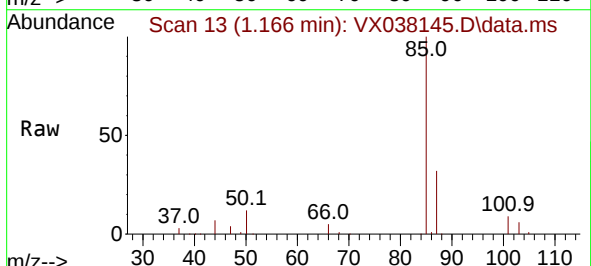
Tgt Ion:128 Resp: 10180
Ion Ratio Lower Upper
128 100
49 157.2 0.0 406.3
130 127.9 0.0 328.0

Manual Integrations
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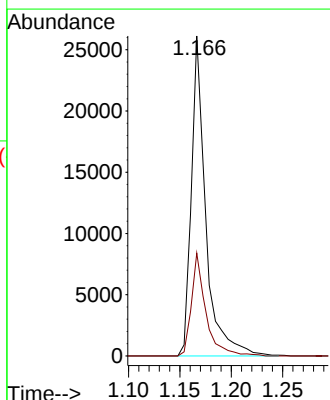
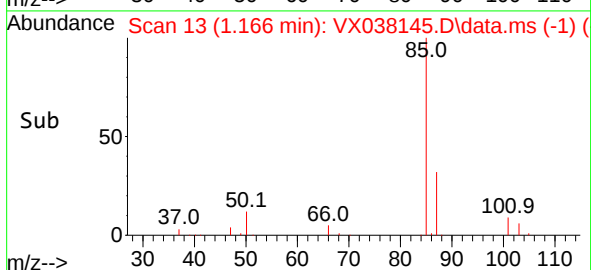
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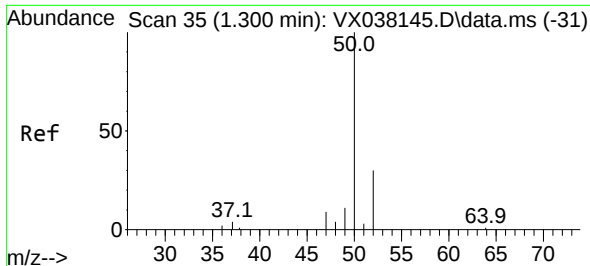


#2
Dichlorodifluoromethane
Concen: 20.803 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



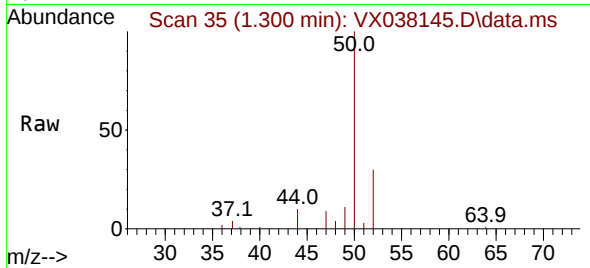
Tgt Ion: 85 Resp: 25485
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.4





#3
Chloromethane
Concen: 20.785 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

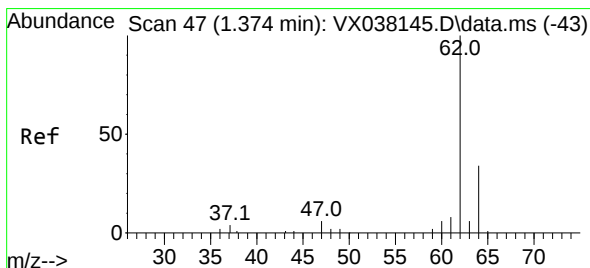
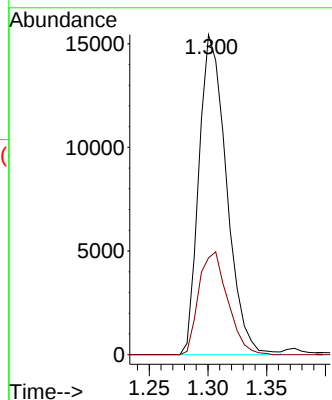
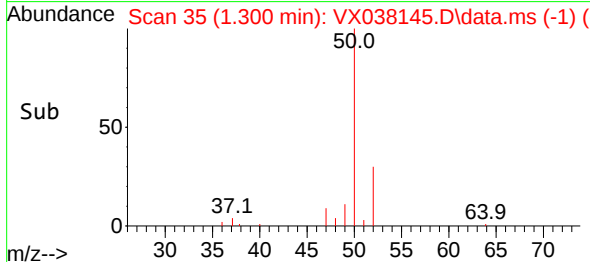
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Tgt Ion: 50 Resp: 25220
Ion Ratio Lower Upper
50 100
52 30.2 24.5 36.7

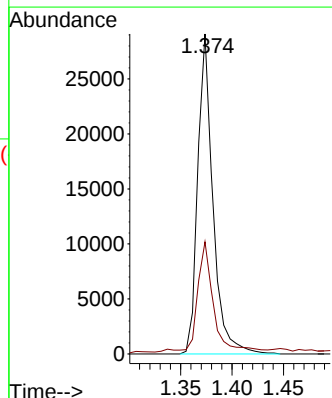
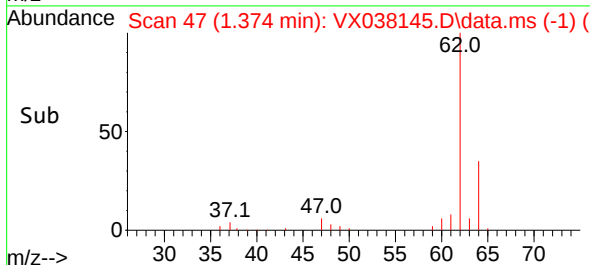
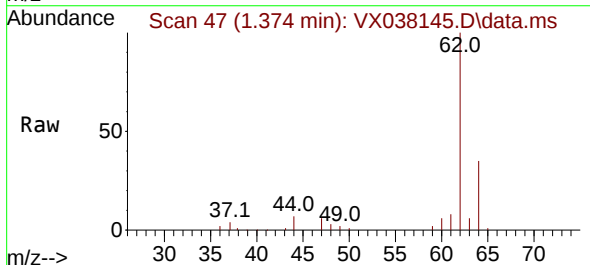
Manual Integrations
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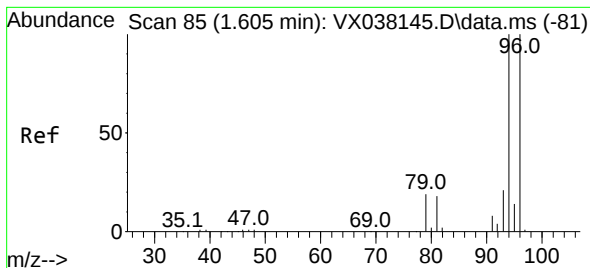
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#4
Vinyl Chloride
Concen: 21.101 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

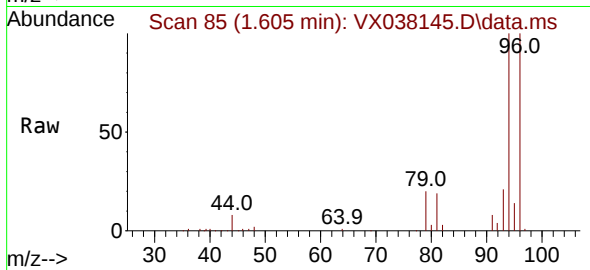
Tgt Ion: 62 Resp: 29991
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9





#5
Bromomethane
Concen: 17.922 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

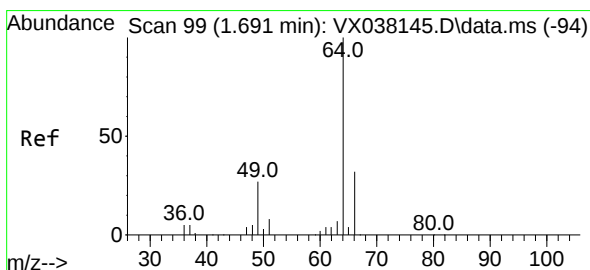
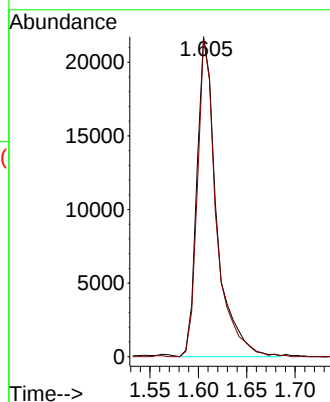
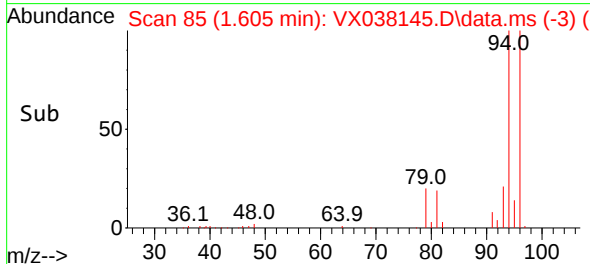
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Tgt Ion: 94 Resp: 3082
Ion Ratio Lower Upper
94 100
96 99.6 77.4 116.2

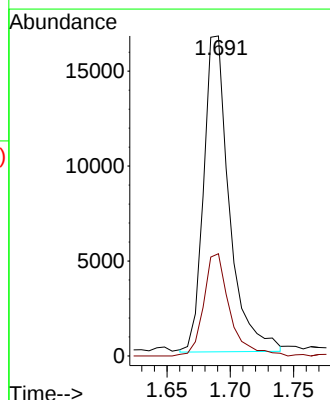
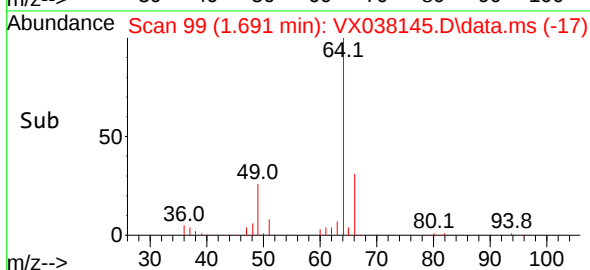
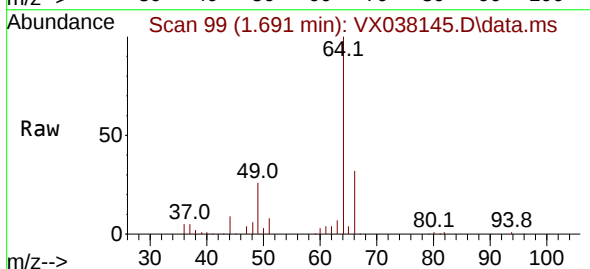
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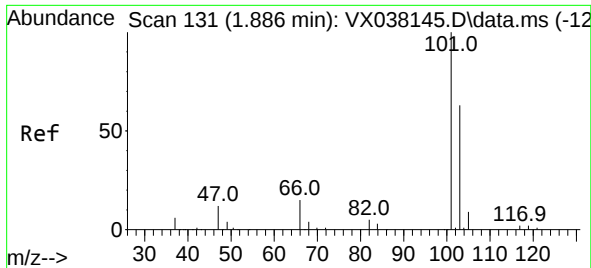
Reviewed By :John Carlone 10/09/2023
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#6
Chloroethane
Concen: 19.459 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX038145.D
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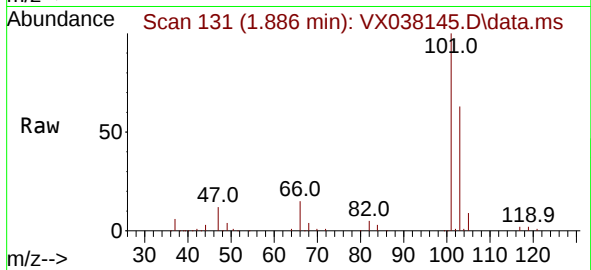
Tgt Ion: 64 Resp: 23557
Ion Ratio Lower Upper
64 100
66 32.1 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 20.396 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
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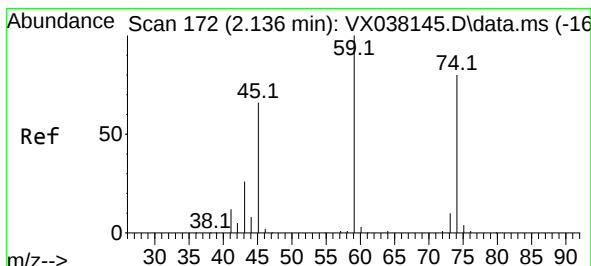
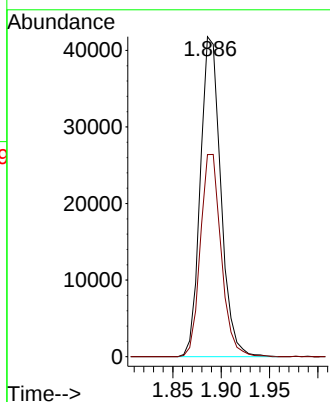
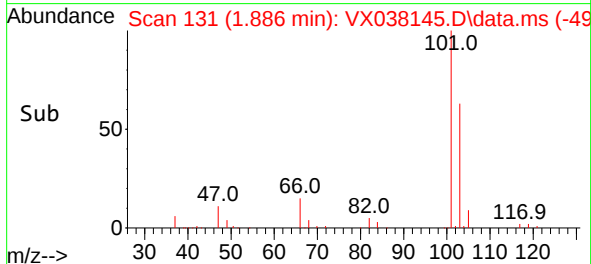
Instrument :
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Tgt Ion:101 Resp: 61740
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2

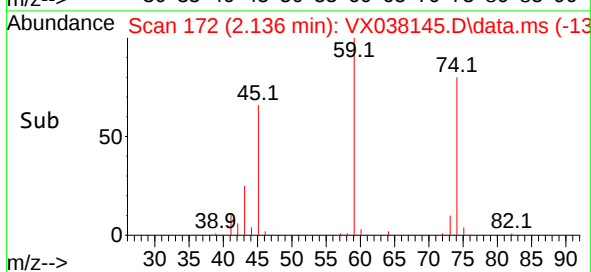
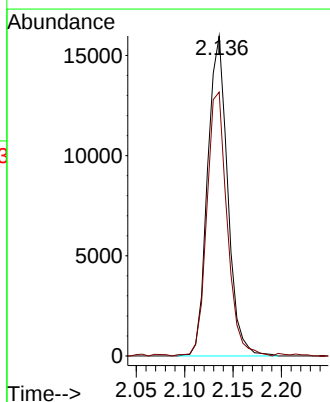
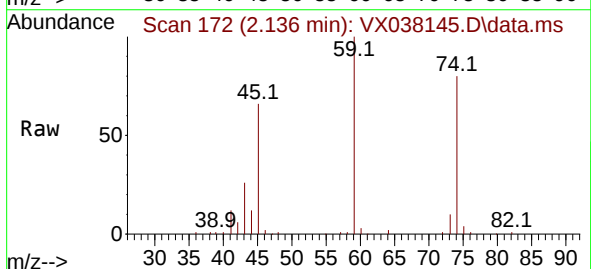
Manual Integrations
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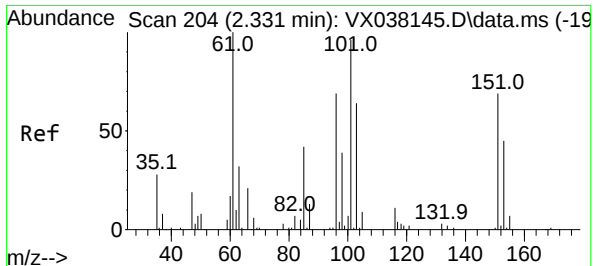
Reviewed By :John Carlone 10/09/2023
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#8
 Diethyl Ether
 Concen: 20.879 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 23057
 Ion Ratio Lower Upper
 74 100
 45 83.4 19.9 178.9





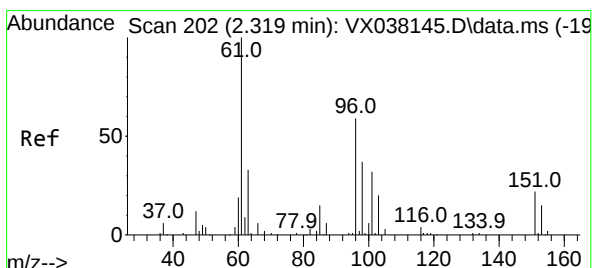
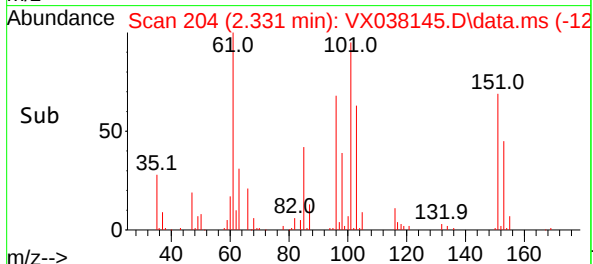
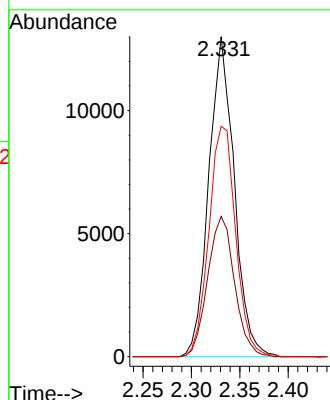
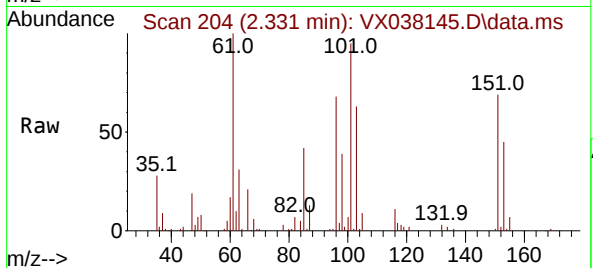
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1,1,2-Trichlorotrifluoroethane
Concen: 20.566 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038145.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 23780
Ion Ratio Lower Upper
101 100
85 46.3 0.0 91.0
151 76.0 0.0 155.4

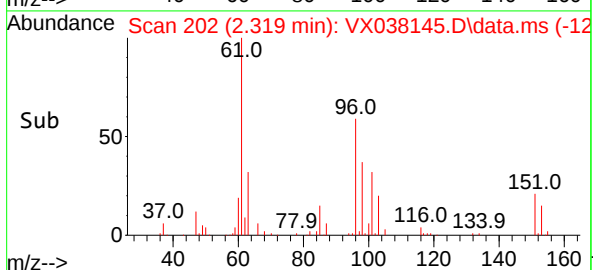
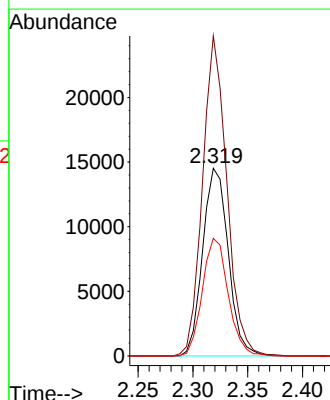
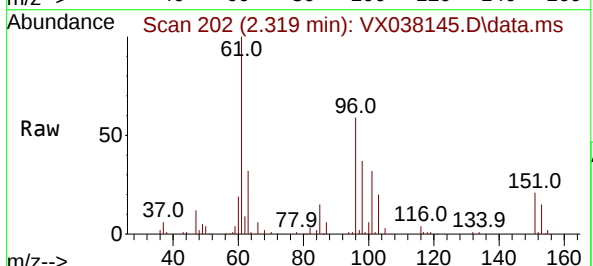
Manual Integrations
APPROVED

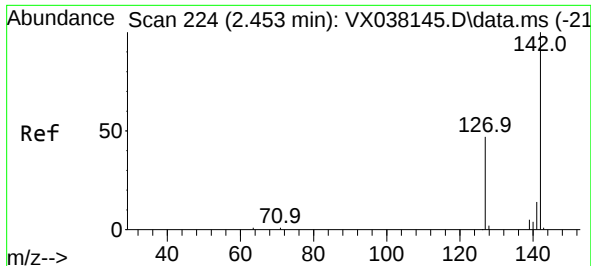
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
1,1-Dichloroethene
Concen: 20.914 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

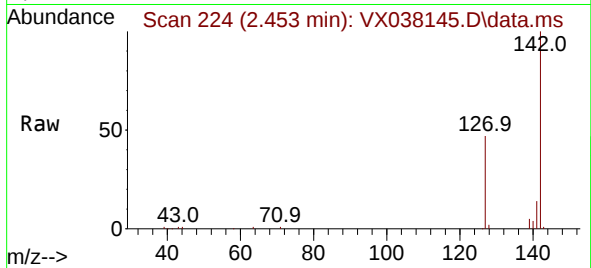
Tgt Ion: 96 Resp: 23559
Ion Ratio Lower Upper
96 100
61 170.0 127.2 190.8
98 62.6 52.7 79.1





#11
Methyl Iodide
Concen: 20.640 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

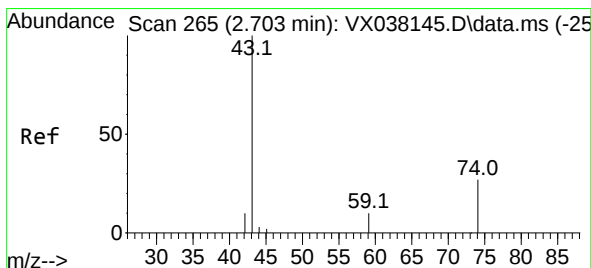
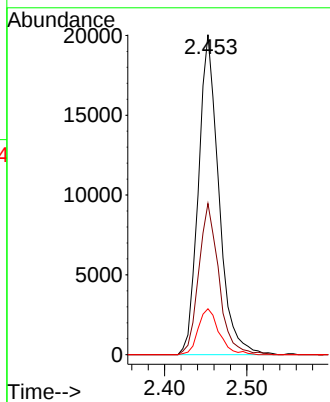
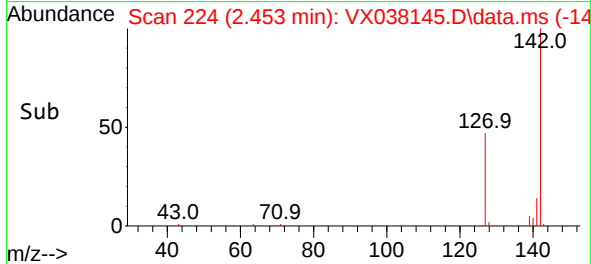
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 3464
Ion Ratio Lower Upper
142 100
127 47.3 22.9 68.8
141 14.4 7.5 22.6

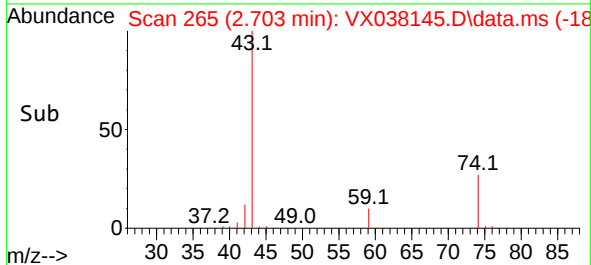
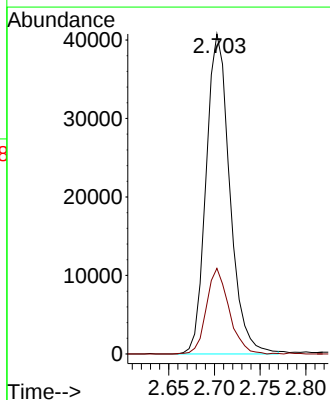
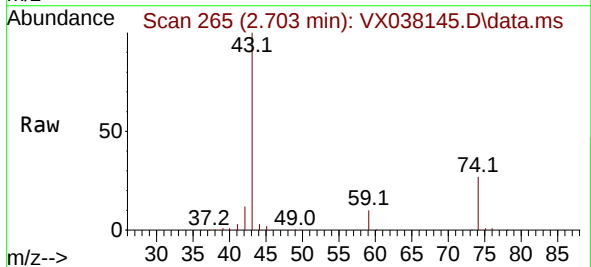
Manual Integrations
APPROVED

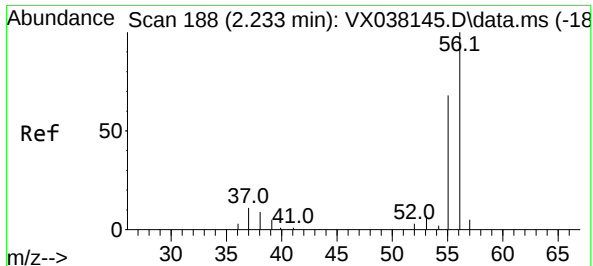
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#12
Methyl Acetate
Concen: 19.198 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

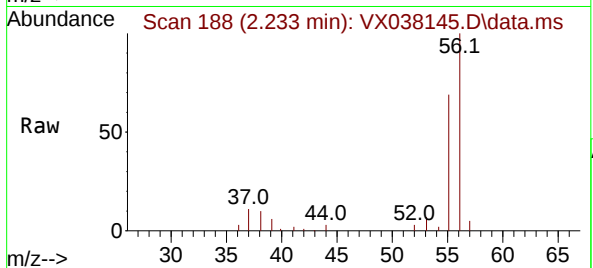
Tgt Ion: 43 Resp: 73601
Ion Ratio Lower Upper
43 100
74 26.7 20.3 30.5





#13
Acrolein
Concen: 105.099 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

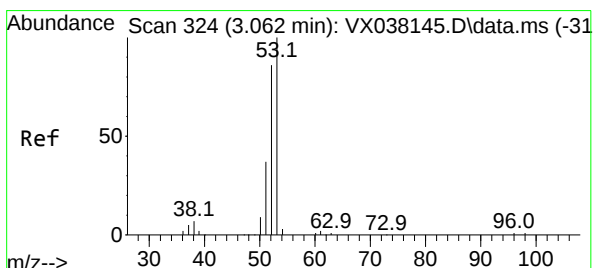
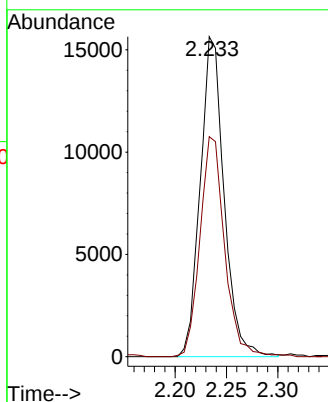
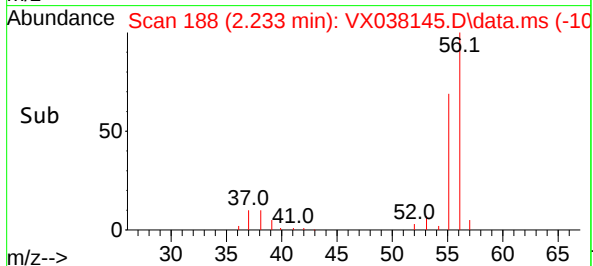
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 25259
Ion Ratio Lower Upper
56 100
55 70.9 59.7 89.5

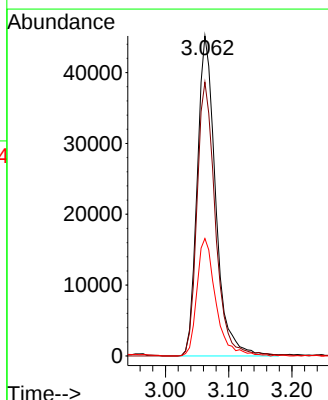
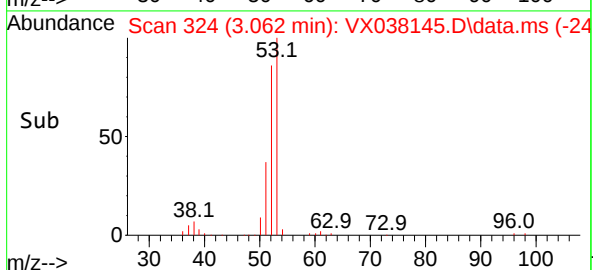
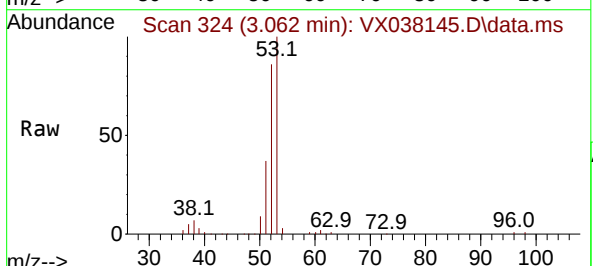
Manual Integrations
APPROVED

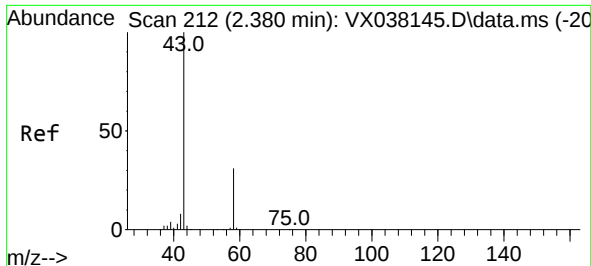
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#14
Acrylonitrile
Concen: 101.915 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

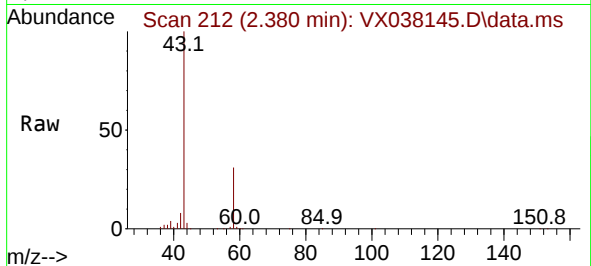
Tgt Ion: 53 Resp: 91573
Ion Ratio Lower Upper
53 100
52 84.7 40.0 119.9
51 37.6 18.2 54.6





#15
Acetone
Concen: 101.541 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

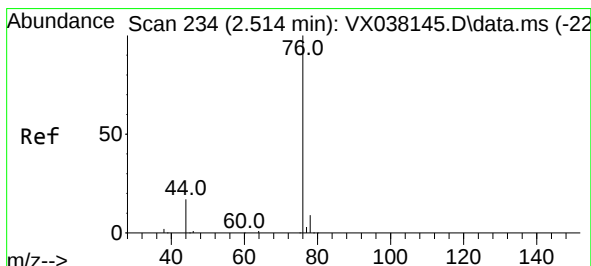
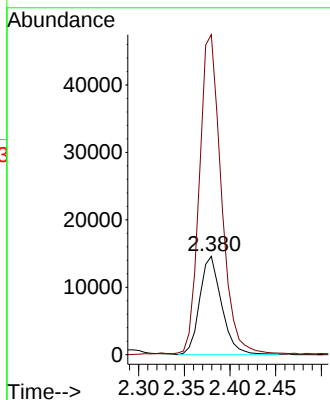
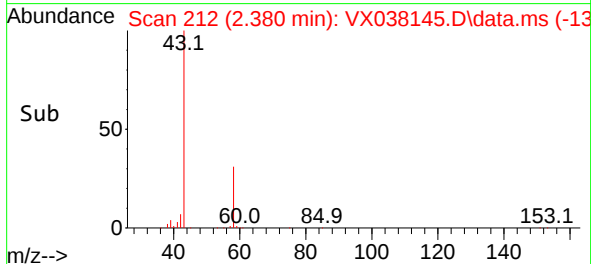
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



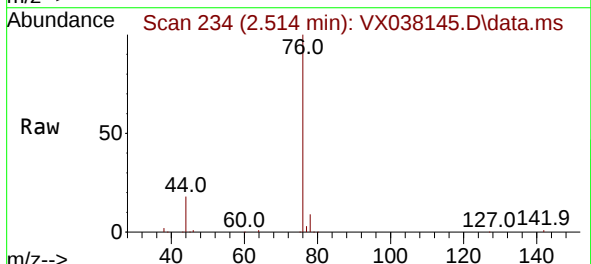
Tgt Ion: 58 Resp: 24294
Ion Ratio Lower Upper
58 100
43 323.4 261.0 391.4

Manual Integrations
APPROVED

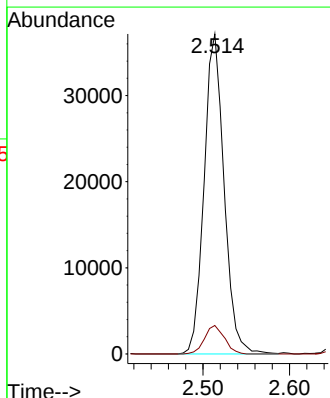
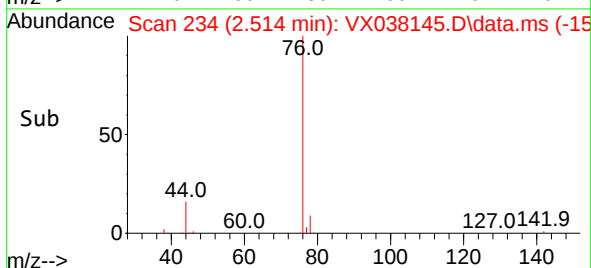
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

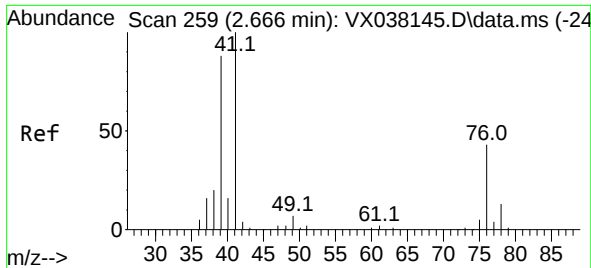


#16
Carbon Disulfide
Concen: 19.792 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



Tgt Ion: 76 Resp: 59576
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17

Allyl chloride

Concen: 19.681 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

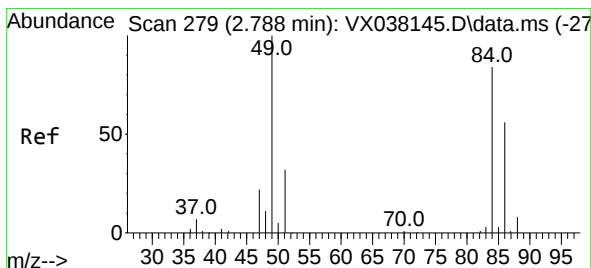
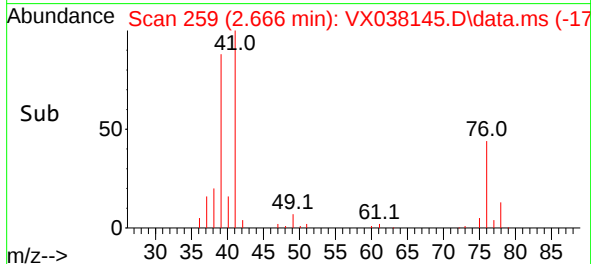
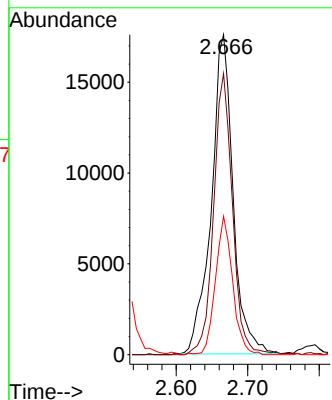
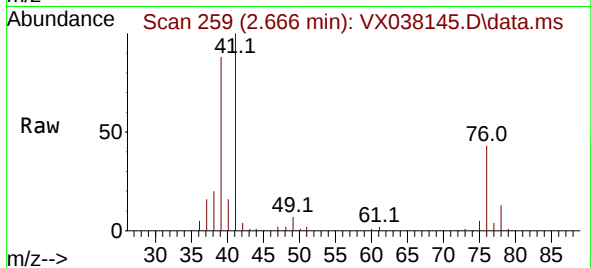
Tgt Ion: 41	Resp: 3725
Ion Ratio	Lower Upper
41 100	
39 88.1	38.5 115.3
76 43.4	18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#18

Methylene Chloride

Concen: 20.438 ug/l

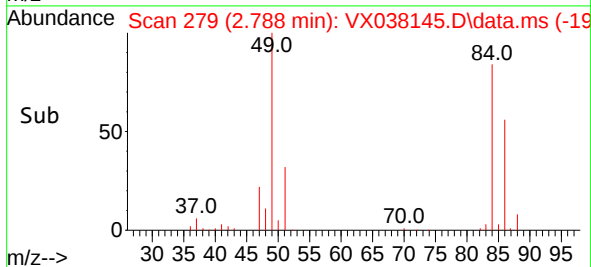
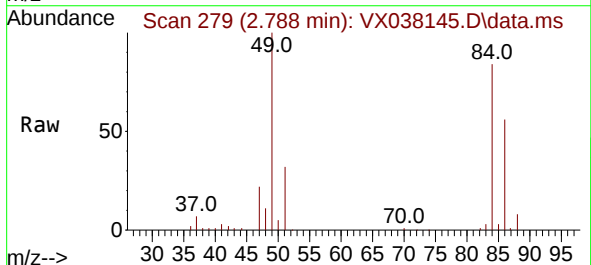
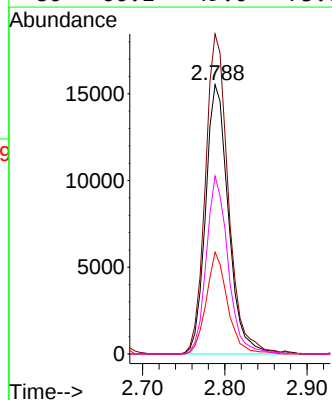
RT: 2.788 min Scan# 279

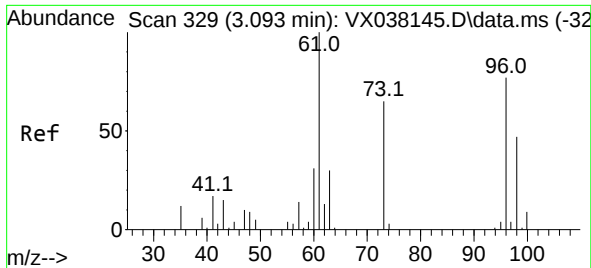
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

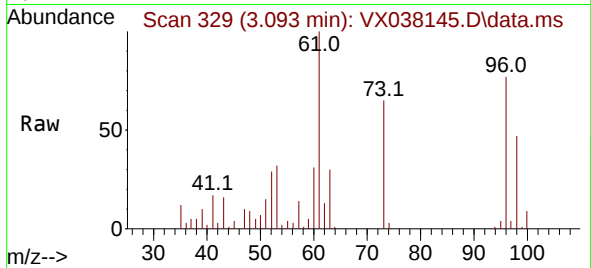
Tgt Ion: 84	Resp: 30019
Ion Ratio	Lower Upper
84 100	
49 118.8	95.4 143.0
51 37.8	28.3 42.5
86 66.1	49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 19.957 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

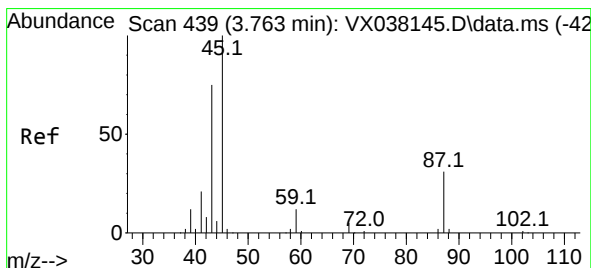
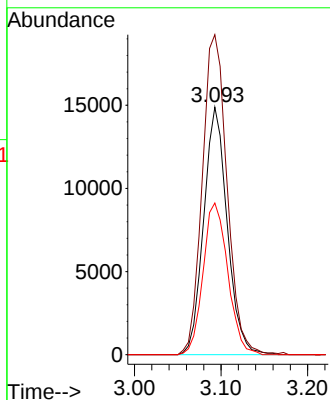
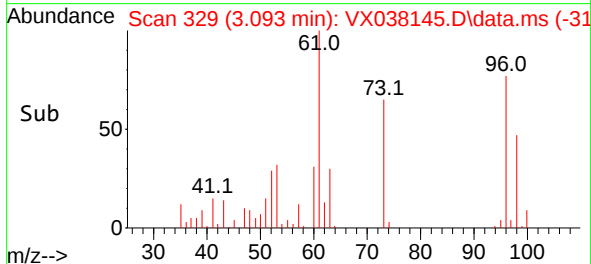
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



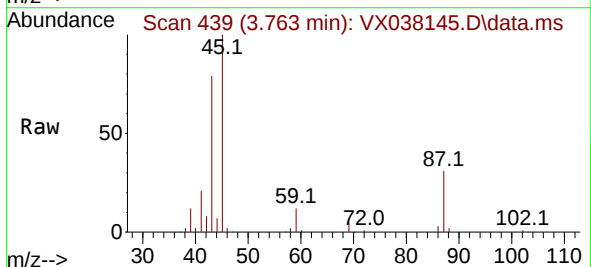
Tgt Ion: 96 Resp: 2815
Ion Ratio Lower Upper
96 100
61 129.3 108.7 163.1
98 61.3 49.1 73.7

Manual Integrations
APPROVED

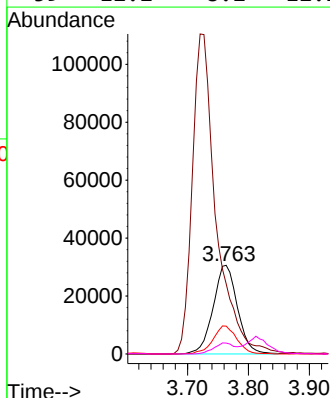
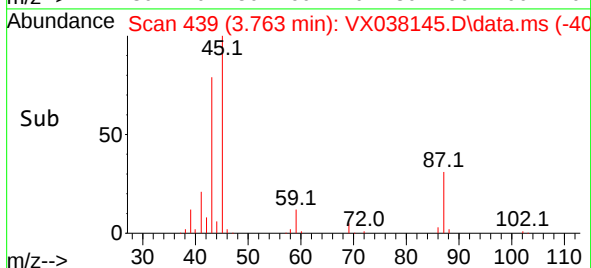
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

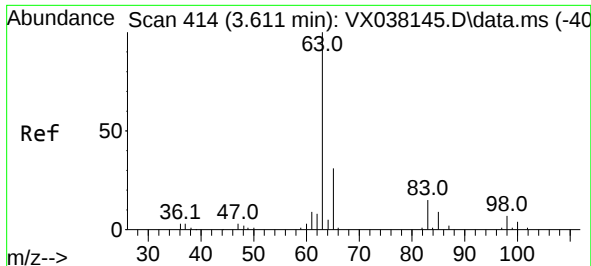


#20
Diisopropyl ether
Concen: 20.406 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



Tgt Ion: 45 Resp: 84770
Ion Ratio Lower Upper
45 100
43 76.3 55.8 83.6
87 31.5 23.0 34.4
59 12.2 8.2 12.2#





#21

1,1-Dichloroethane

Concen: 20.439 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

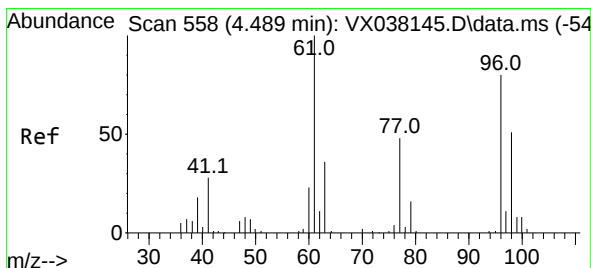
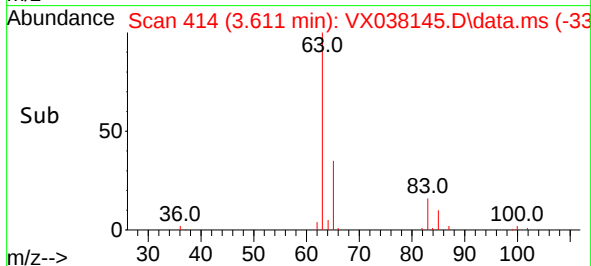
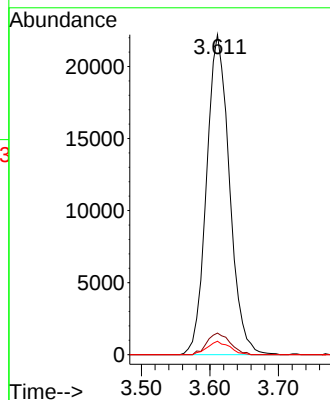
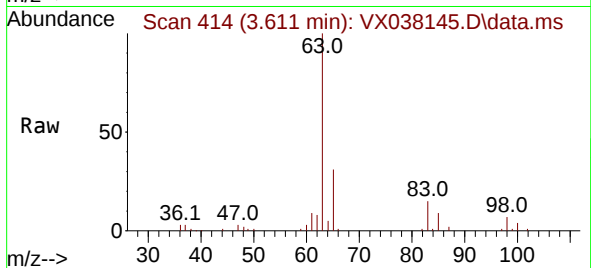
Tgt Ion:	63	Resp:	51674
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.2	9.6
100	4.2	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#22

cis-1,2-Dichloroethene

Concen: 20.058 ug/l

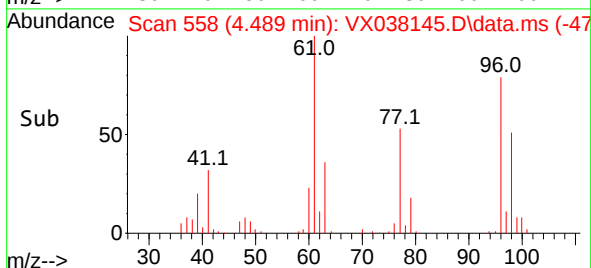
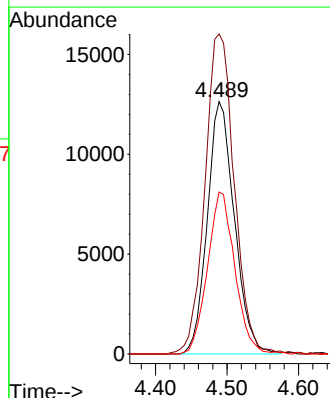
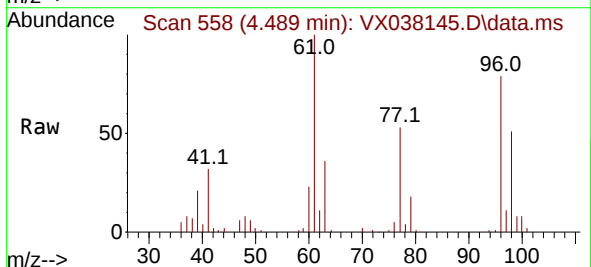
RT: 4.489 min Scan# 558

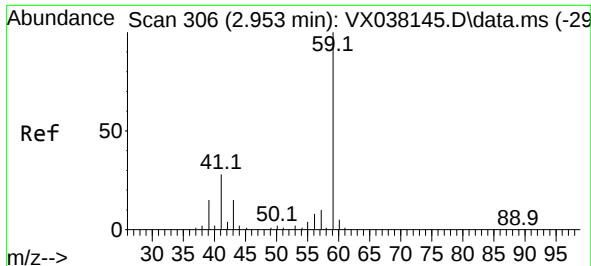
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

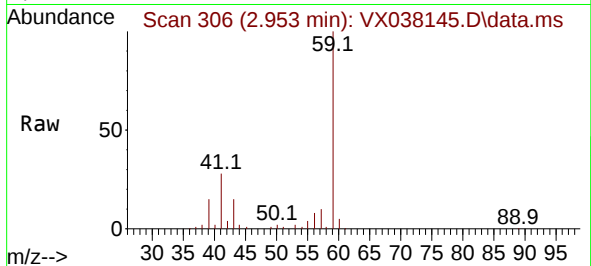
Tgt Ion:	96	Resp:	33325
Ion	Ratio	Lower	Upper
96	100		
61	136.0	114.0	171.0
98	64.5	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 98.899 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

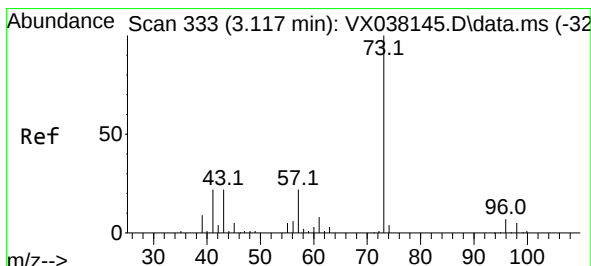
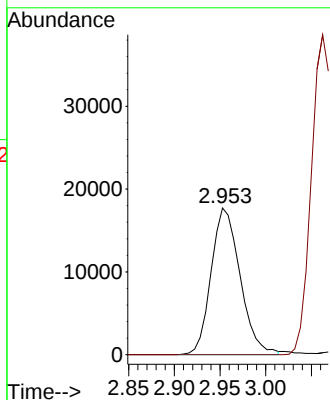
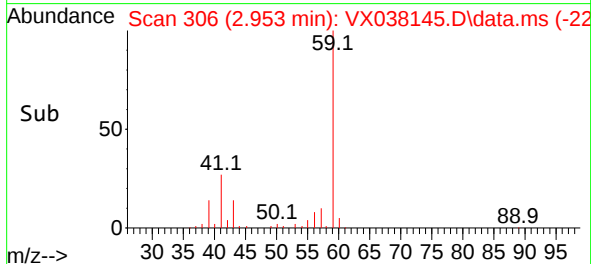
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 39125
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

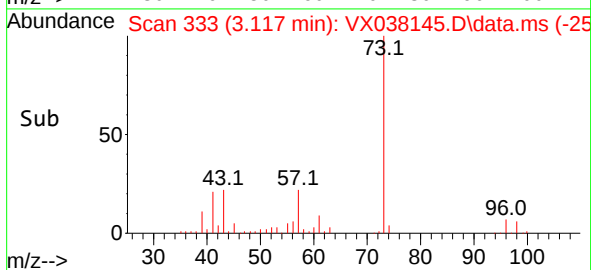
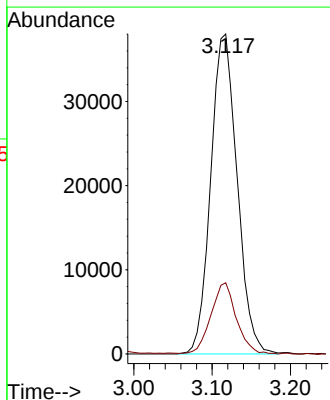
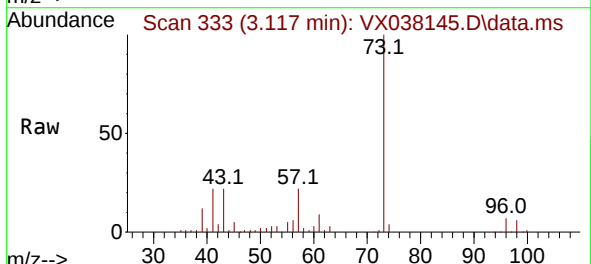
Manual Integrations
APPROVED

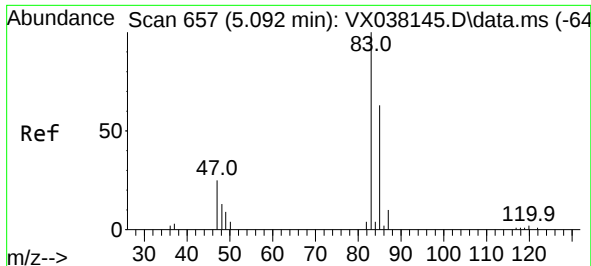
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.166 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 73 Resp: 89180
Ion Ratio Lower Upper
73 100
43 21.4 16.8 25.2





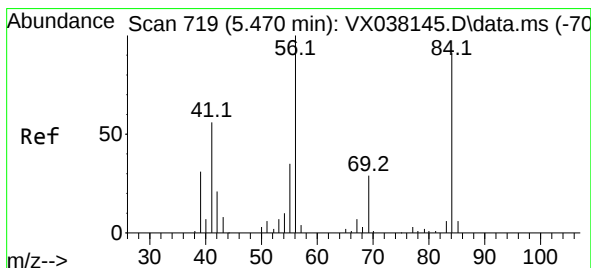
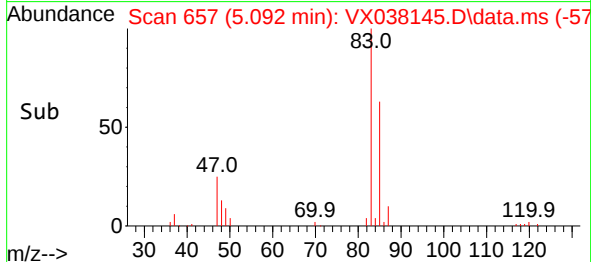
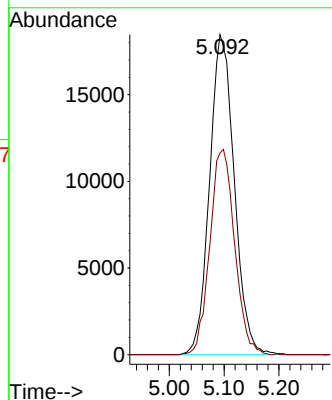
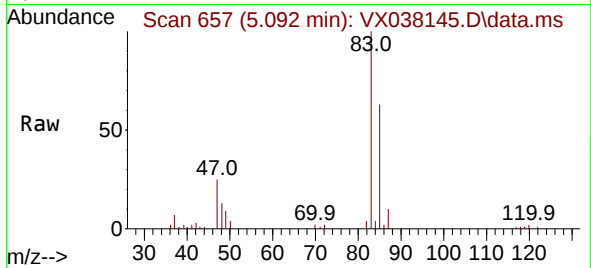
#25
Chloroform
Concen: 20.108 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 57720
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3

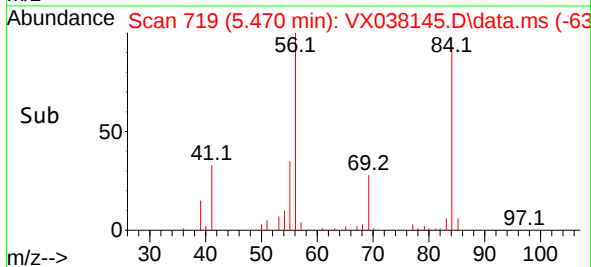
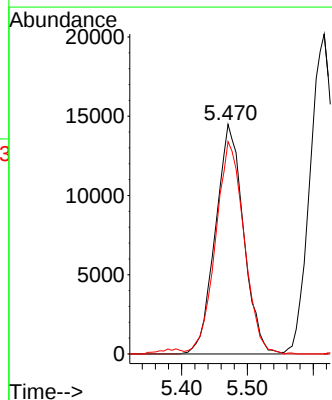
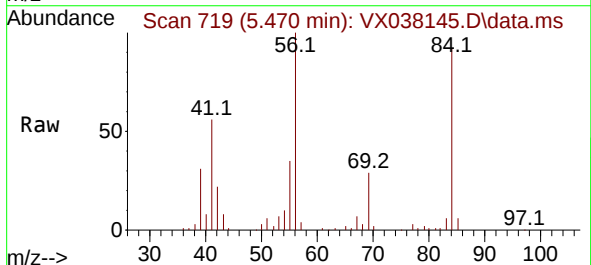
Manual Integrations
APPROVED

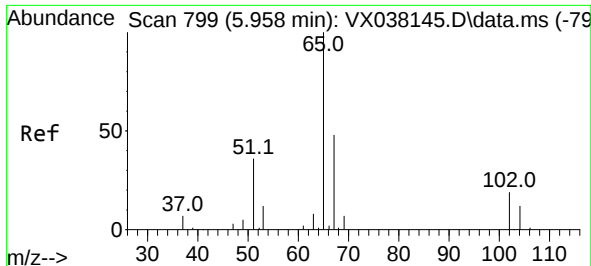
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#26
Cyclohexane
Concen: 20.124 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

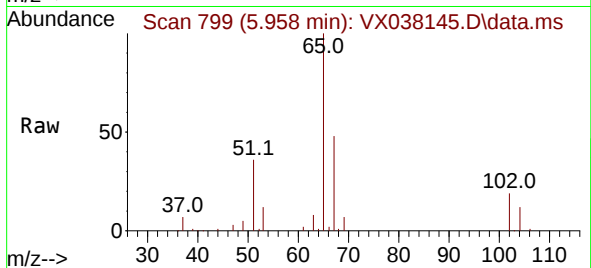
Tgt Ion: 56 Resp: 43037
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 71.4 107.2





#27
 1,2-Dichloroethane-d4
 Concen: 30.864 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

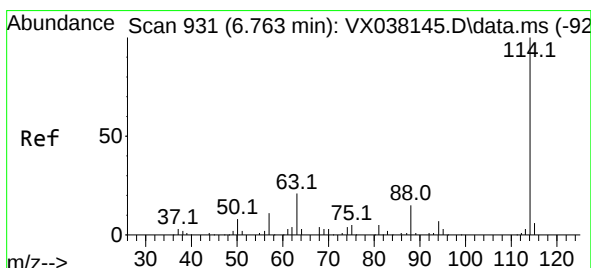
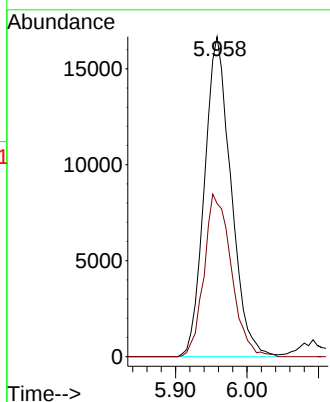
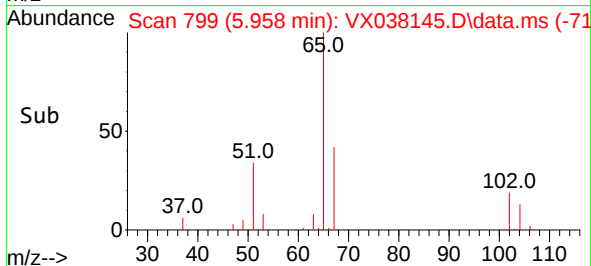
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



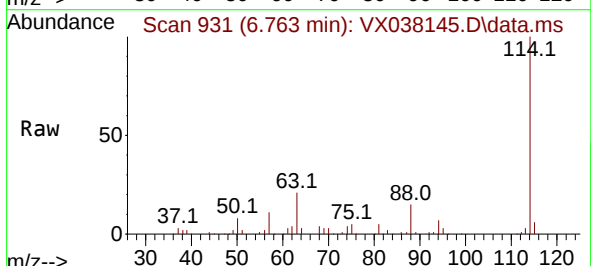
Tgt Ion: 65 Resp: 42924
 Ion Ratio Lower Upper
 65 100
 67 51.7 42.1 63.1

Manual Integrations
 APPROVED

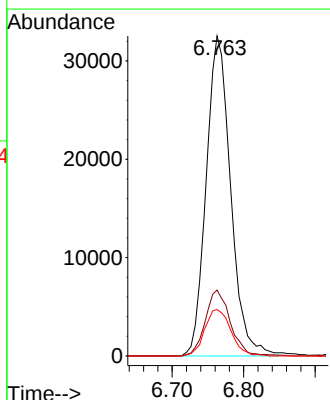
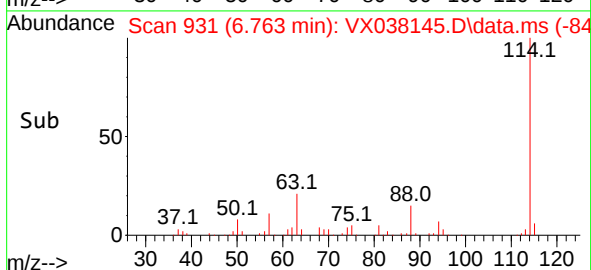
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

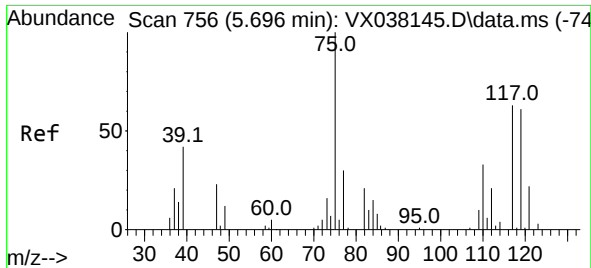


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43



Tgt Ion:114 Resp: 77463
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.6 24.8
 88 15.4 12.9 19.3





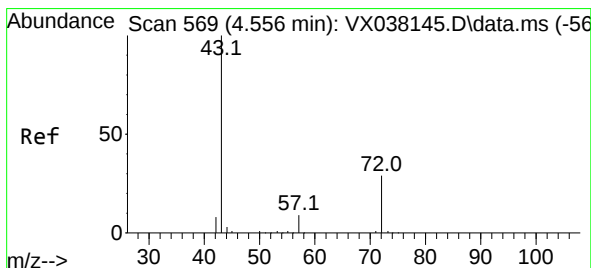
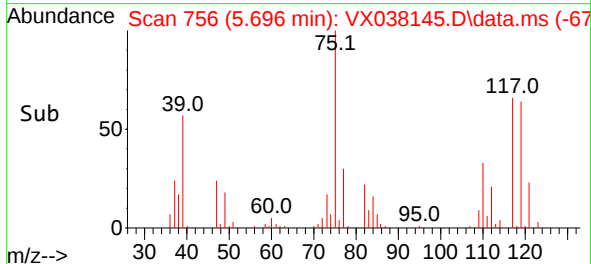
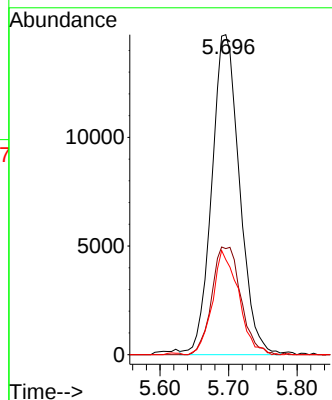
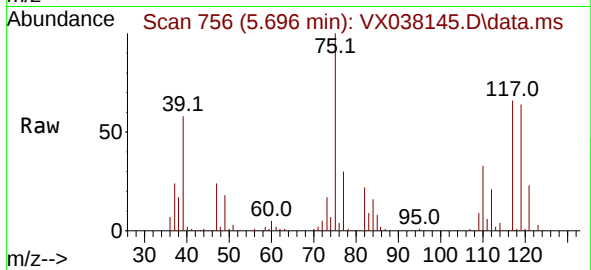
#29
1,1-Dichloropropene
Concen: 20.204 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75	Resp: 4140
Ion Ratio	Lower Upper
75 100	
110 35.2	0.0 70.4
77 30.3	0.0 62.8

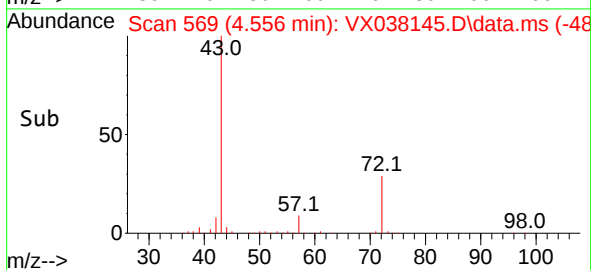
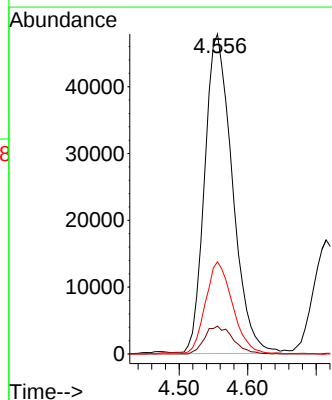
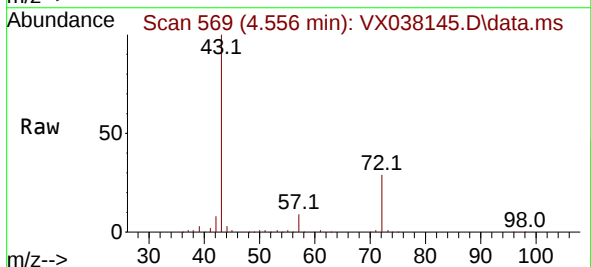
Manual Integrations
APPROVED

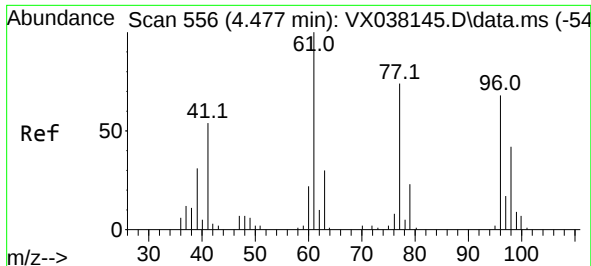
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#30
2-Butanone
Concen: 102.074 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 43	Resp: 134462
Ion Ratio	Lower Upper
43 100	
57 8.9	6.4 9.6
72 28.1	21.6 32.4





#31

2,2-Dichloropropane

Concen: 19.523 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 29558

Ion Ratio Lower Upper

77 100

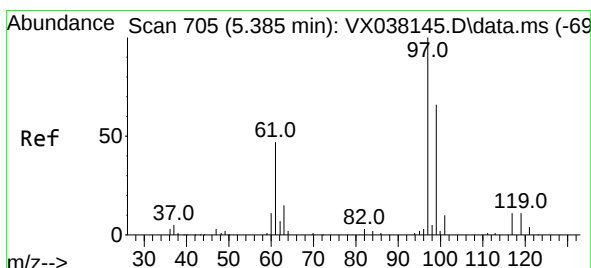
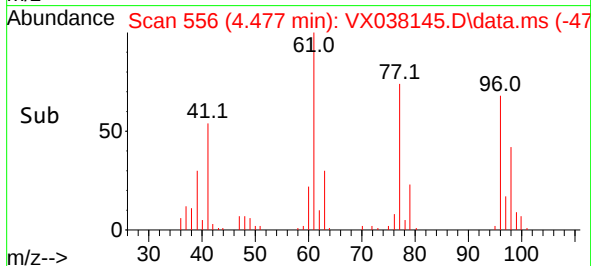
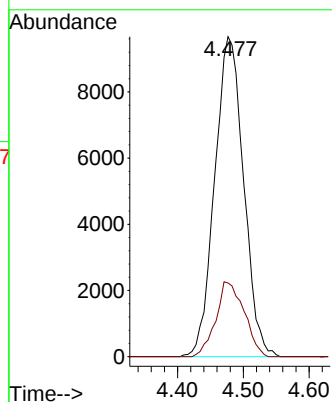
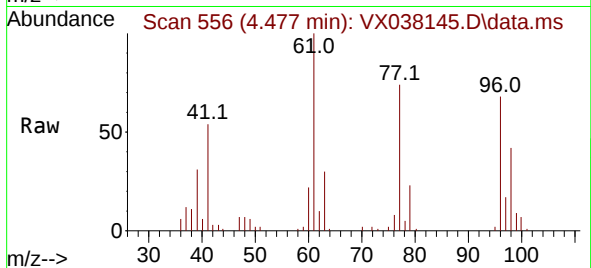
97 22.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#32

1,1,1-Trichloroethane

Concen: 19.574 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

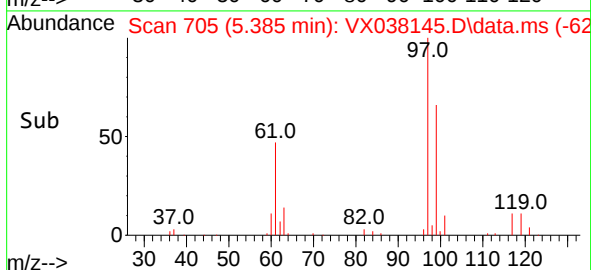
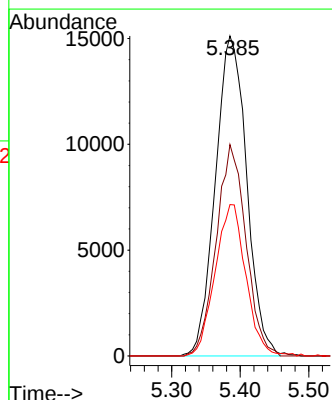
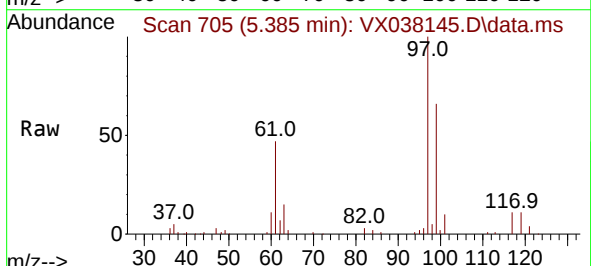
Tgt Ion: 97 Resp: 47933

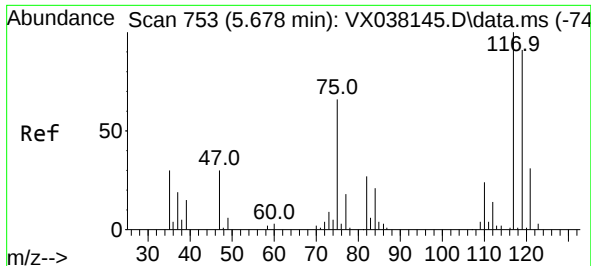
Ion Ratio Lower Upper

97 100

99 62.8 51.5 77.3

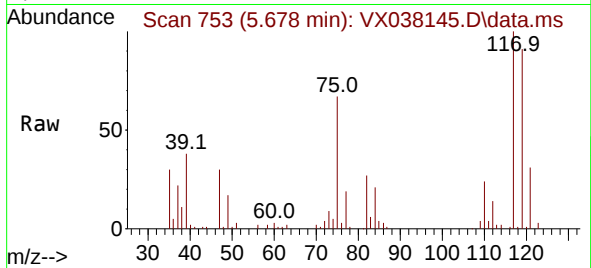
61 46.4 35.8 53.8





#33
Carbon Tetrachloride
Concen: 19.416 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

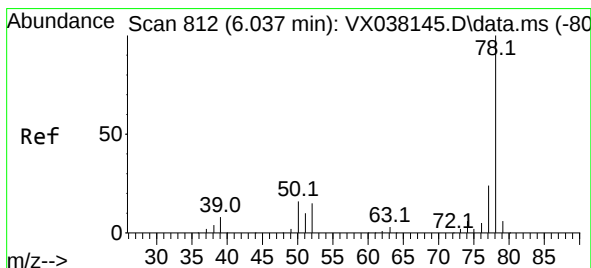
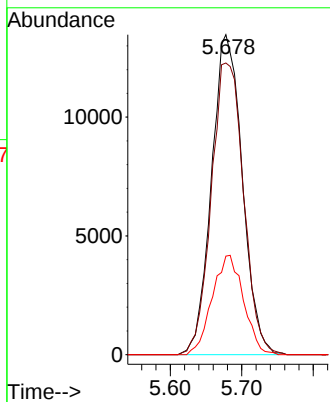
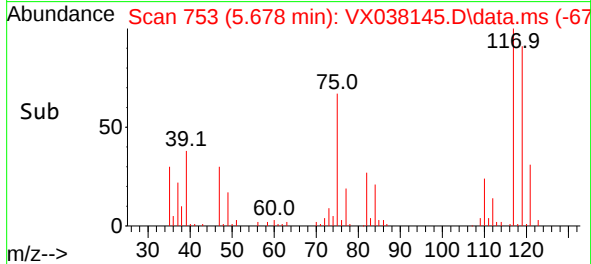
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 40285
Ion Ratio Lower Upper
117 100
119 91.1 76.6 115.0
121 30.8 26.5 39.7

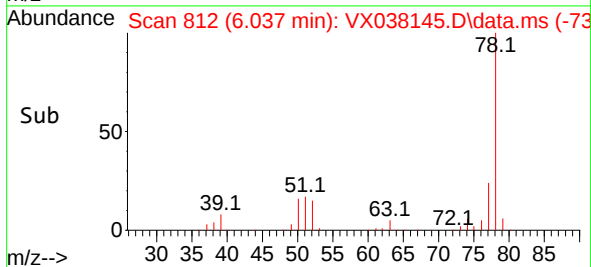
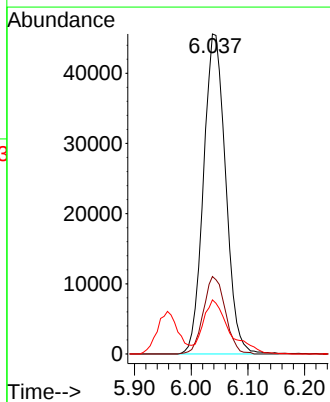
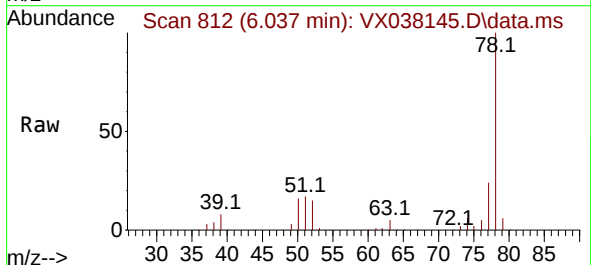
Manual Integrations
APPROVED

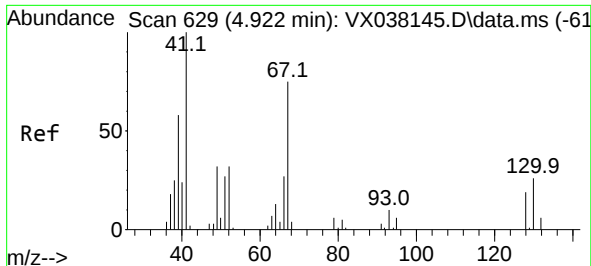
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#34
Benzene
Concen: 20.409 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 78 Resp: 123736
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1
51 16.7 14.2 21.4





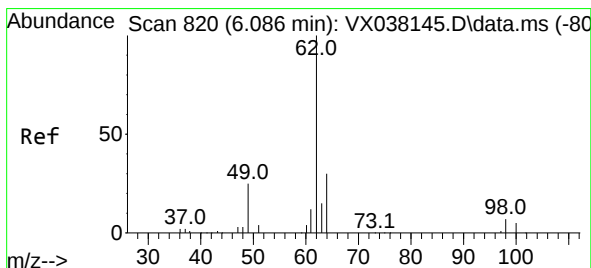
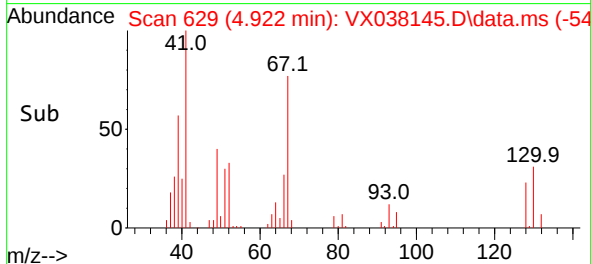
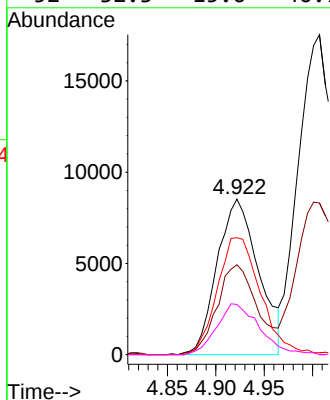
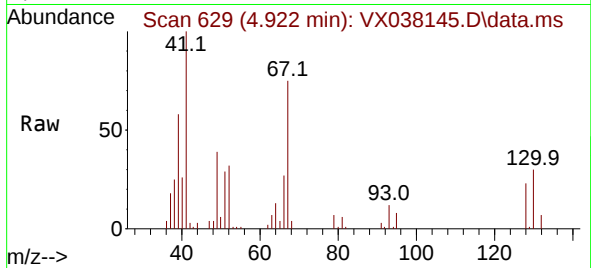
#35
Methacrylonitrile
Concen: 20.643 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 25458
Ion Ratio Lower Upper
41 100
39 57.8 28.2 84.7
67 75.2 35.0 105.1
52 32.3 15.6 46.7

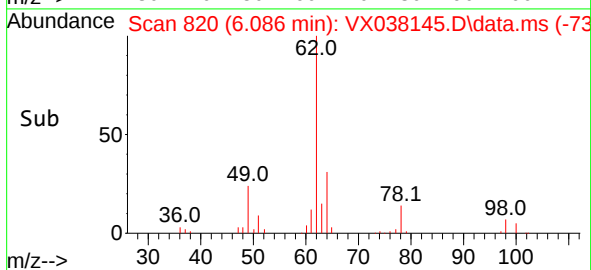
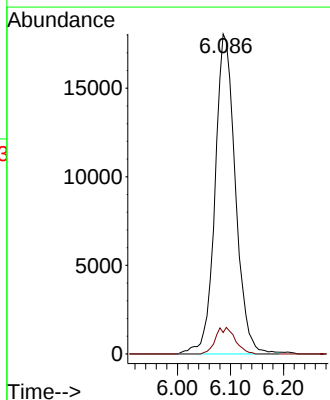
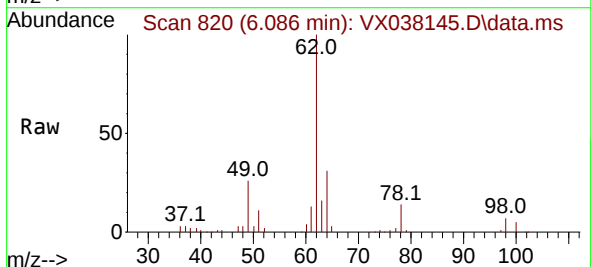
Manual Integrations
APPROVED

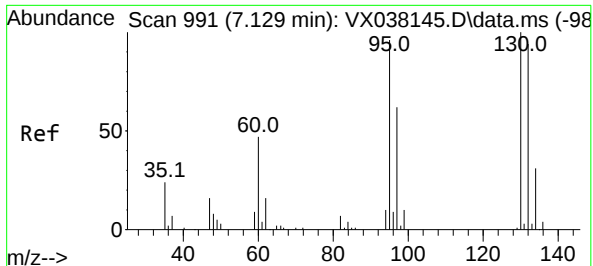
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#36
1,2-Dichloroethane
Concen: 20.510 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

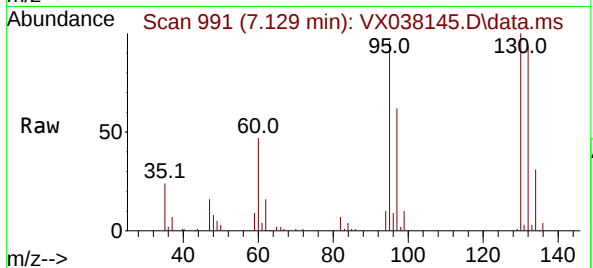
Tgt Ion: 62 Resp: 48240
Ion Ratio Lower Upper
62 100
98 3.7 7.0 10.6#





#37
Trichloroethene
Concen: 20.053 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

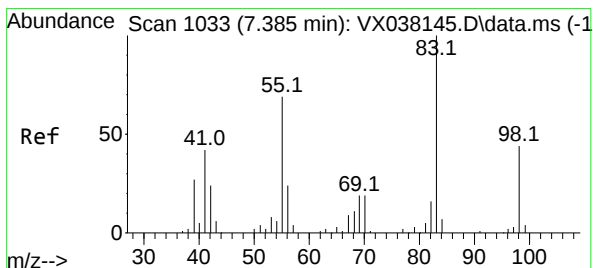
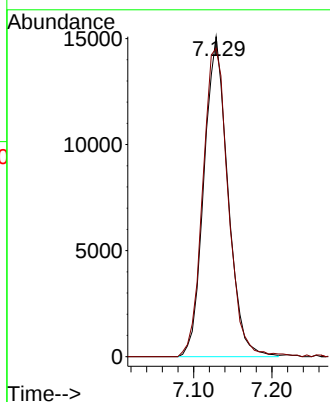
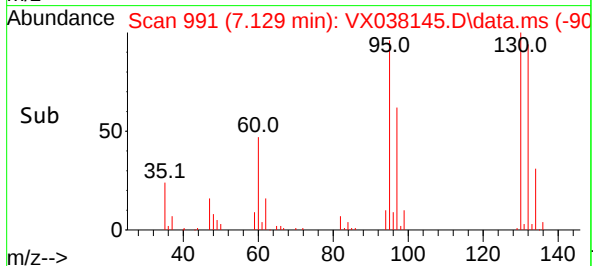
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



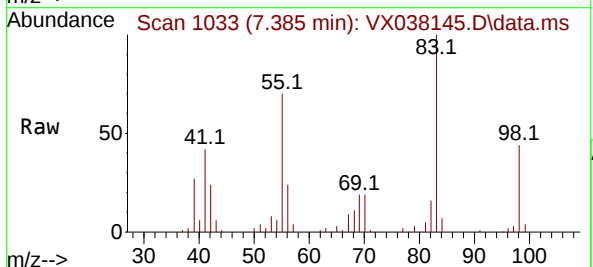
Tgt Ion:130 Resp: 32020
Ion Ratio Lower Upper
130 100
95 96.4 83.2 124.8

Manual Integrations
APPROVED

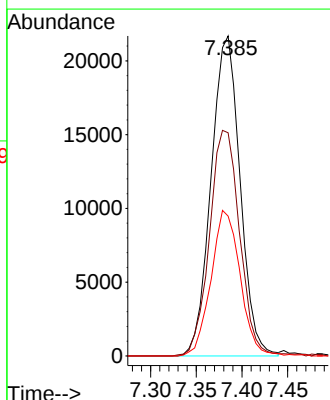
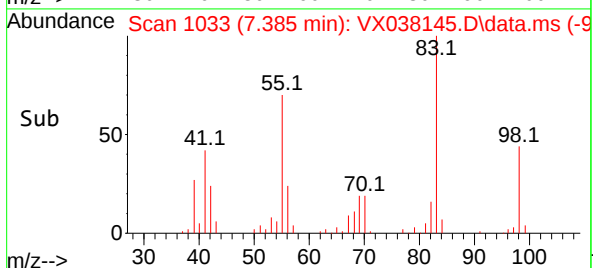
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

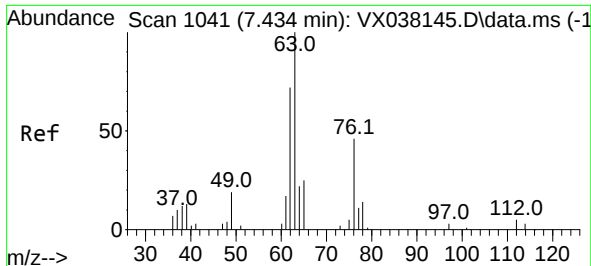


#38
Methylcyclohexane
Concen: 19.606 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



Tgt Ion: 83 Resp: 47863
Ion Ratio Lower Upper
83 100
55 73.3 38.1 114.5
98 45.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.317 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 30870

Ion Ratio Lower Upper

63 100

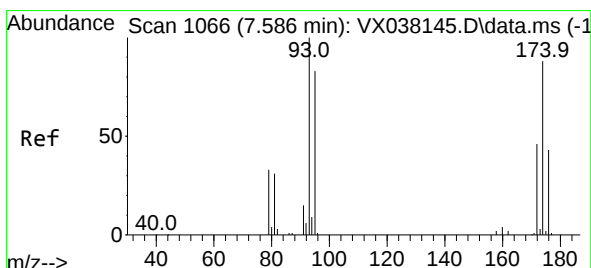
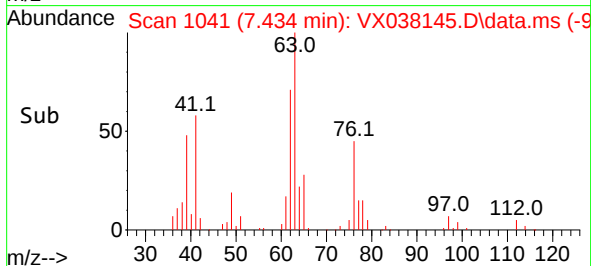
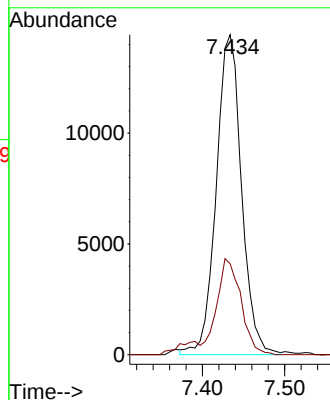
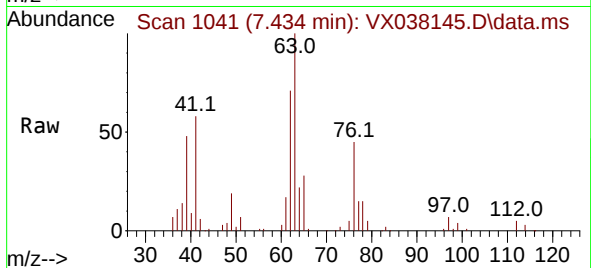
65 28.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Dibromomethane

Concen: 20.180 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

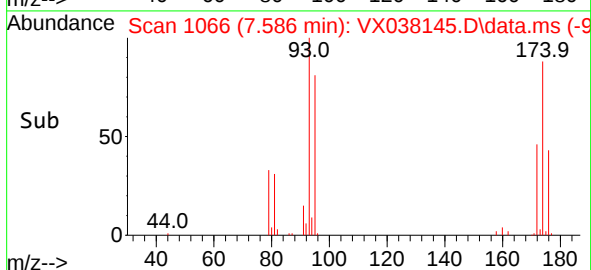
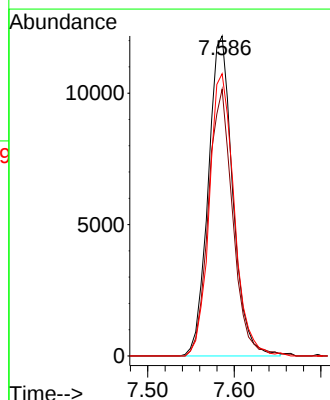
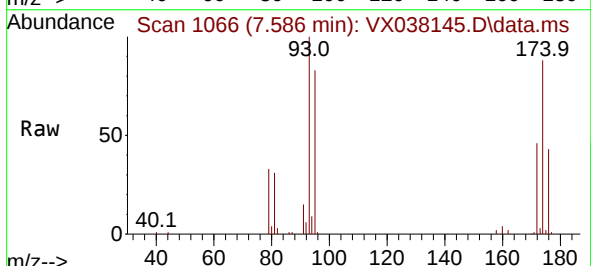
Tgt Ion: 93 Resp: 23964

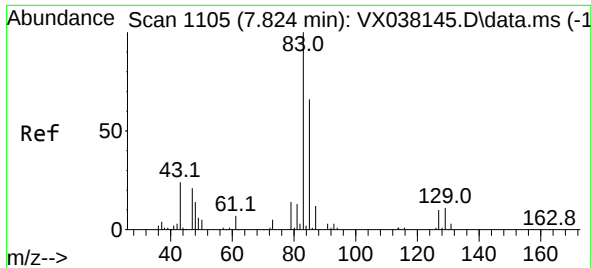
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.8

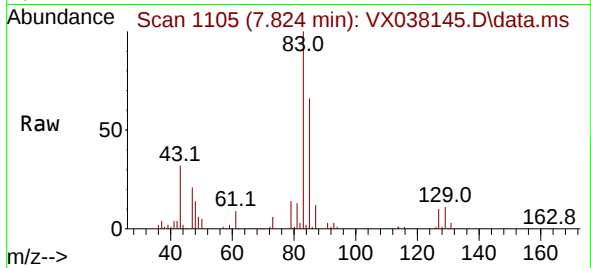
174 89.2 0.0 191.6





#41
Bromodichloromethane
Concen: 19.614 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

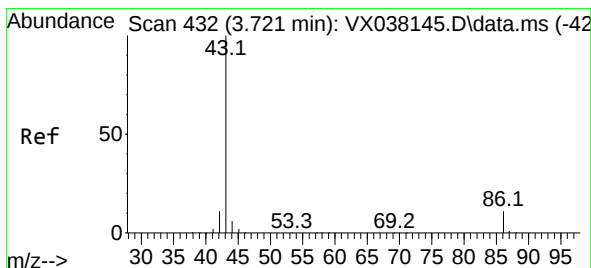
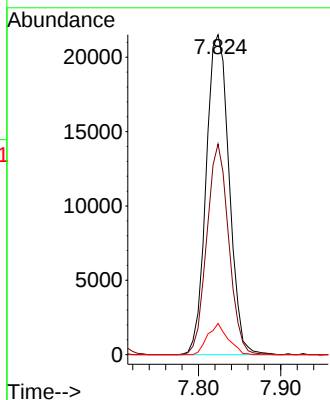
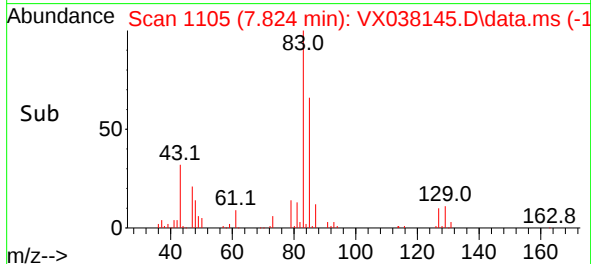
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 4175
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3
127 9.7 6.4 9.6

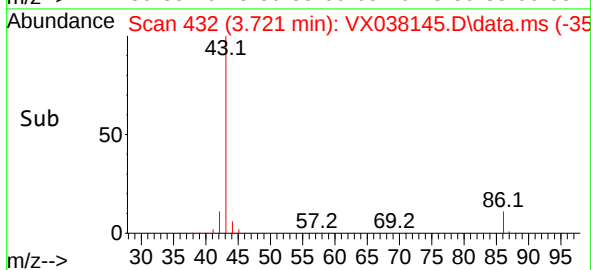
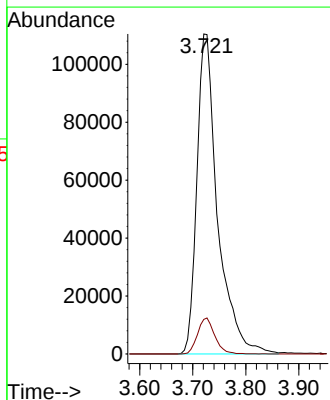
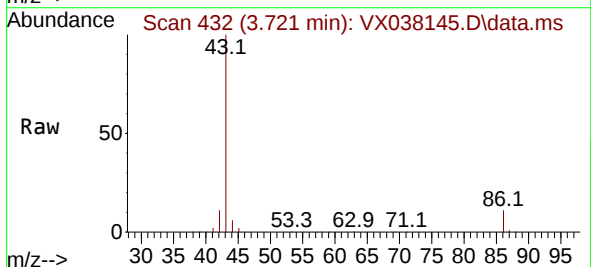
Manual Integrations
APPROVED

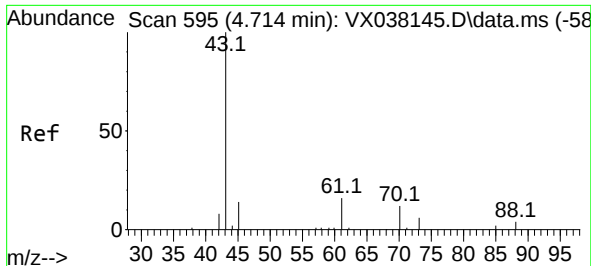
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#42
Vinyl Acetate
Concen: 103.587 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

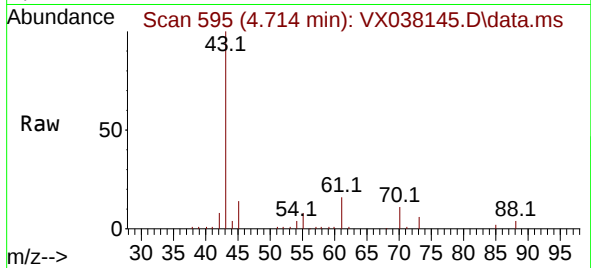
Tgt Ion: 43 Resp: 300334
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0





#43
Ethyl Acetate
Concen: 20.265 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

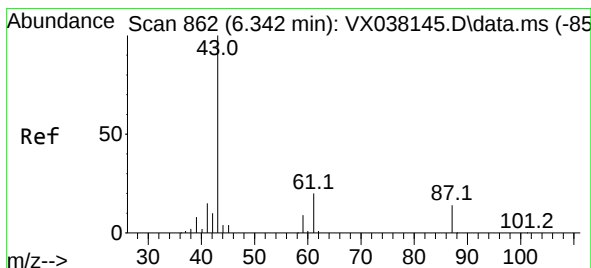
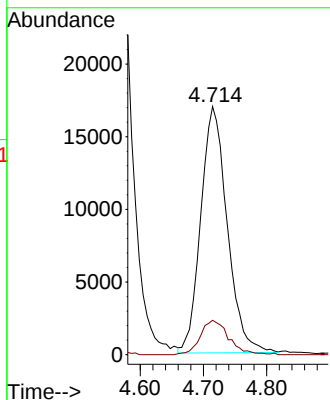
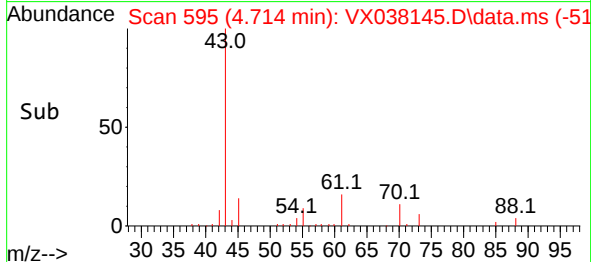
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 49380
Ion Ratio Lower Upper
43 100
45 14.8 12.6 18.8

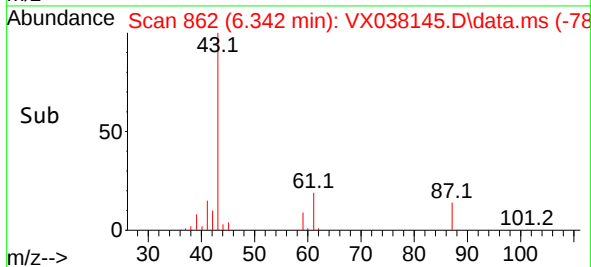
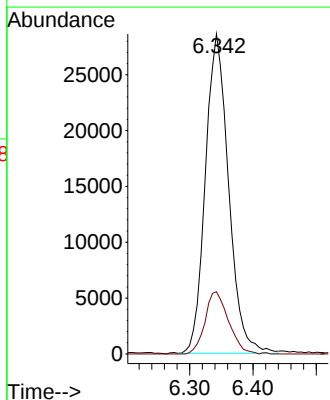
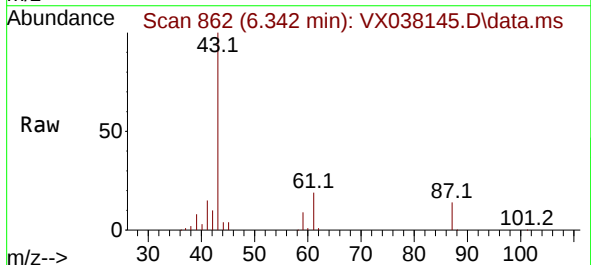
Manual Integrations
APPROVED

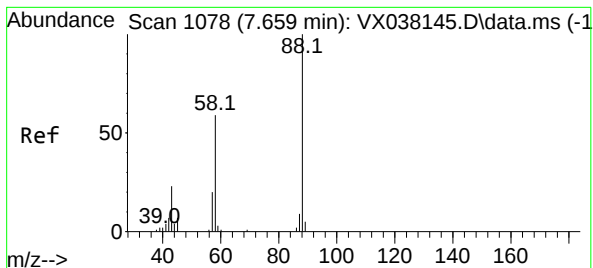
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#44
Isopropyl Acetate
Concen: 20.170 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 43 Resp: 73166
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0





#45

1,4-Dioxane

Concen: 411.994 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

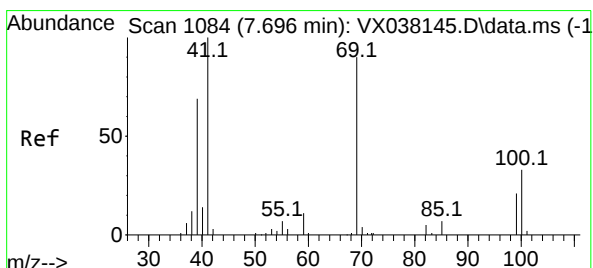
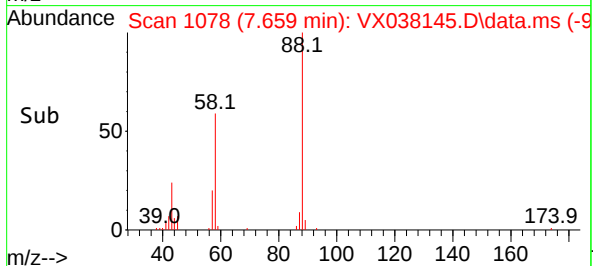
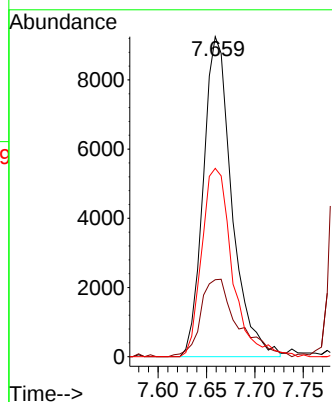
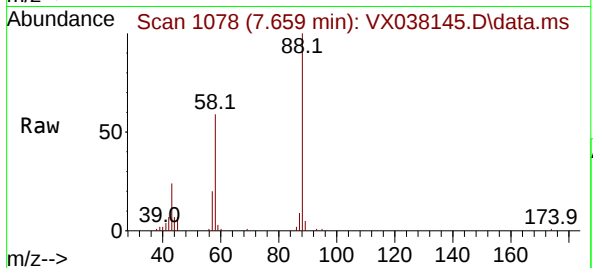
Tgt Ion:	88	Resp:	1899
Ion	Ratio	Lower	Upper
88	100		
43	31.3	297.5	446.3
58	61.1	1.0	1.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#46

Methyl methacrylate

Concen: 19.890 ug/l

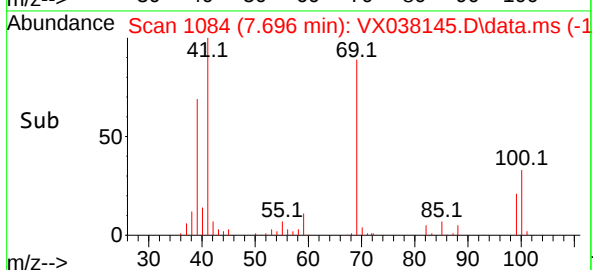
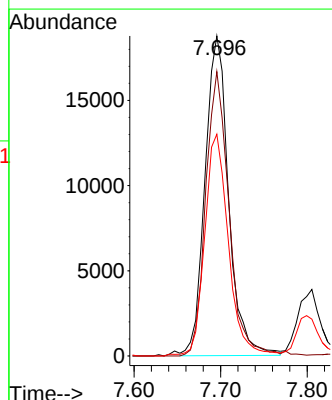
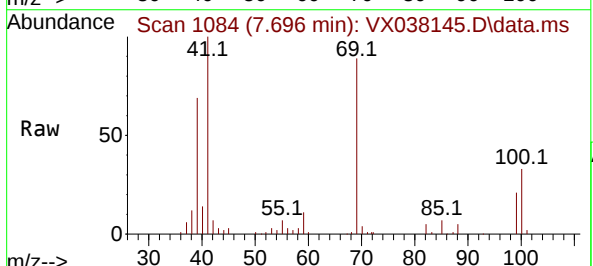
RT: 7.696 min Scan# 1084

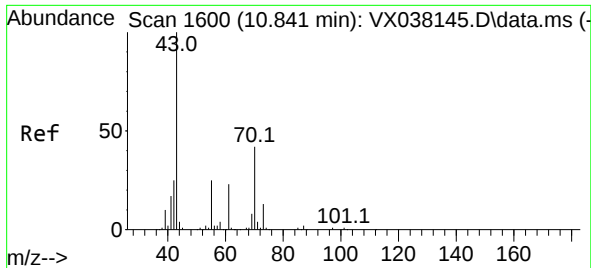
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

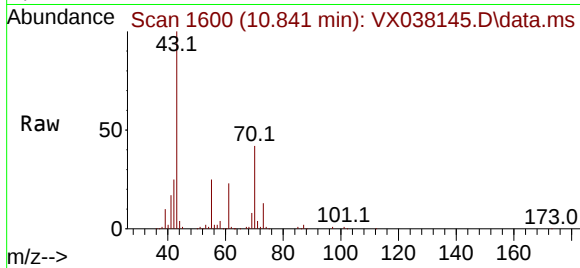
Tgt Ion:	41	Resp:	35572
Ion	Ratio	Lower	Upper
41	100		
69	89.6	44.4	133.1
39	69.3	34.9	104.7





#47
n-amy1 Acetate
Concen: 19.768 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

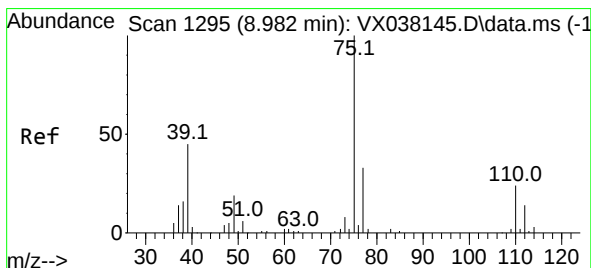
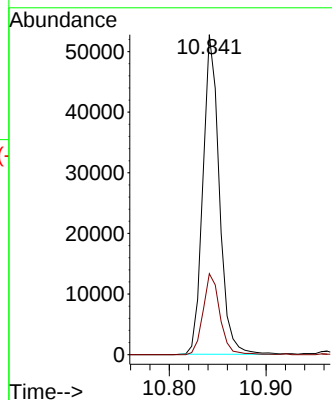
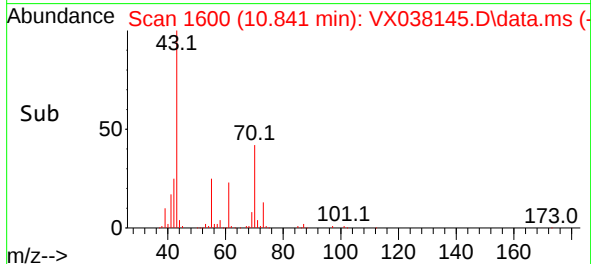
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 6225
Ion Ratio Lower Upper
43 100
55 26.0 18.6 28.0

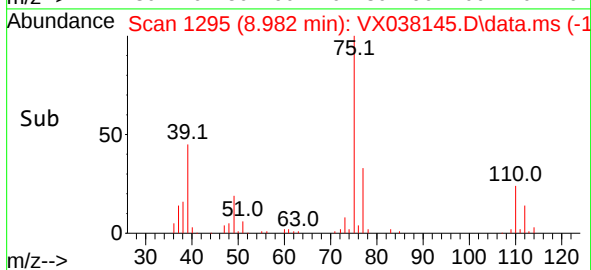
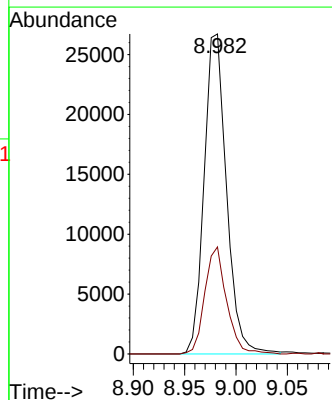
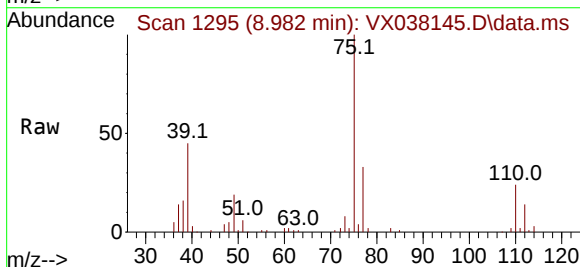
Manual Integrations
APPROVED

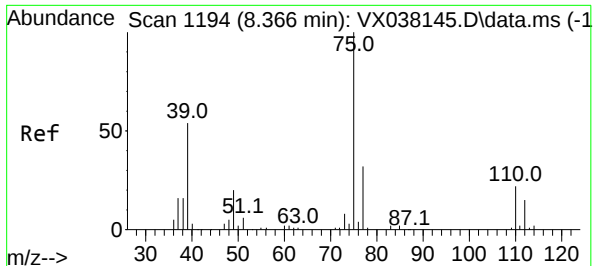
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#48
t-1,3-Dichloropropene
Concen: 18.544 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 75 Resp: 40577
Ion Ratio Lower Upper
75 100
77 33.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.753 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 43500

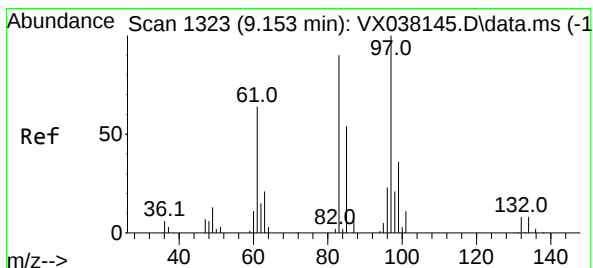
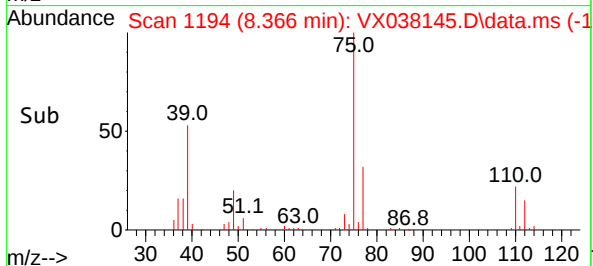
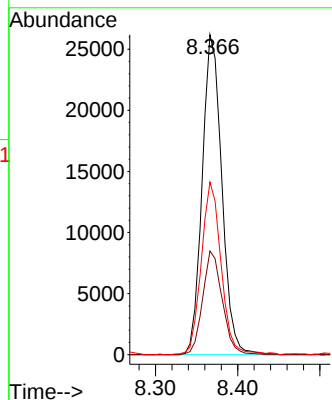
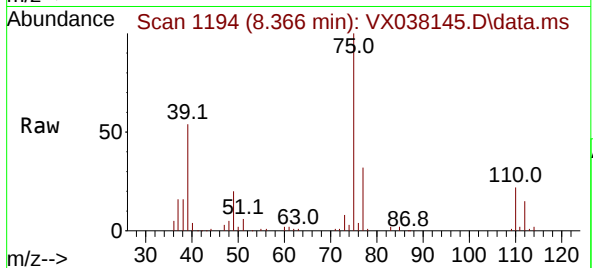
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2
39	53.9	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

1,1,2-Trichloroethane

Concen: 19.613 ug/l

RT: 9.153 min Scan# 1323

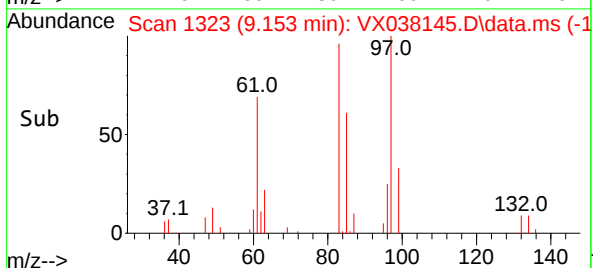
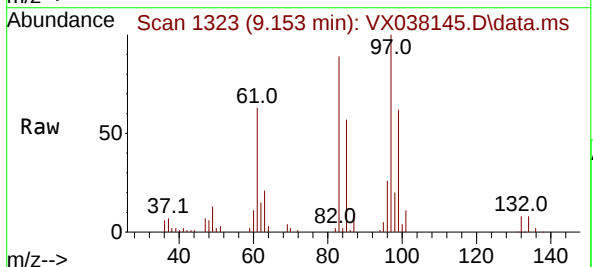
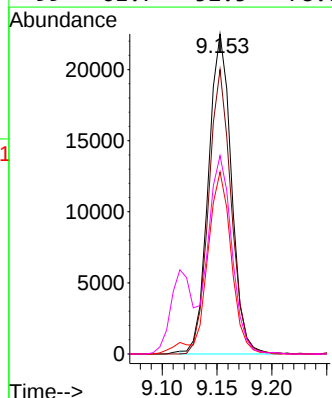
Delta R.T. 0.000 min

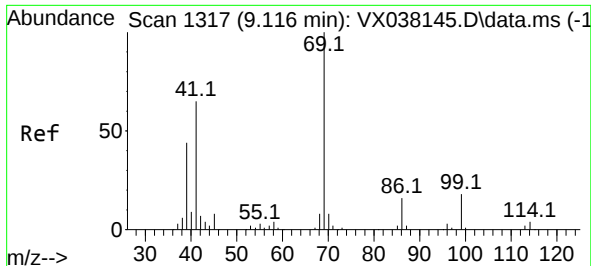
Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Tgt Ion: 97 Resp: 32883

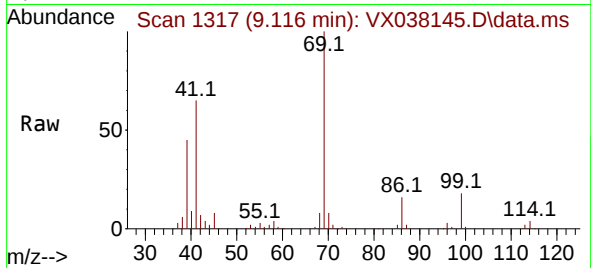
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.0	105.0
85	56.9	46.1	69.1
99	61.7	52.5	78.7





#51
Ethyl methacrylate
Concen: 19.472 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

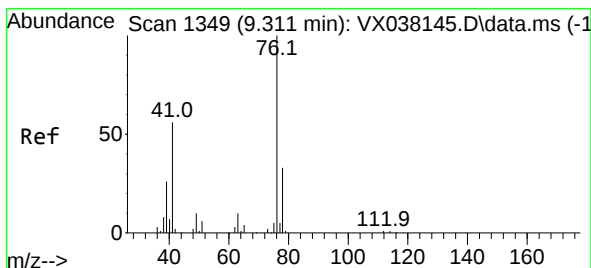
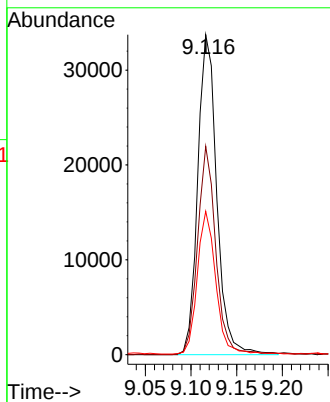
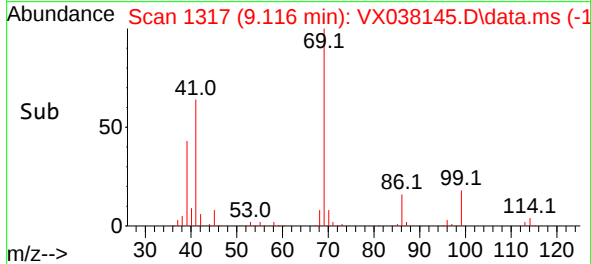
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 4889
Ion Ratio Lower Upper
69 100
41 64.8 32.0 96.0
39 44.5 19.4 58.4

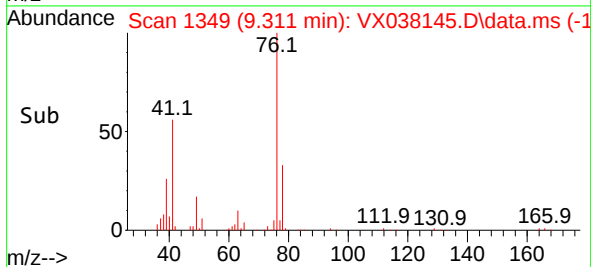
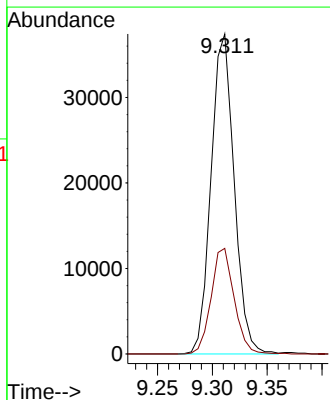
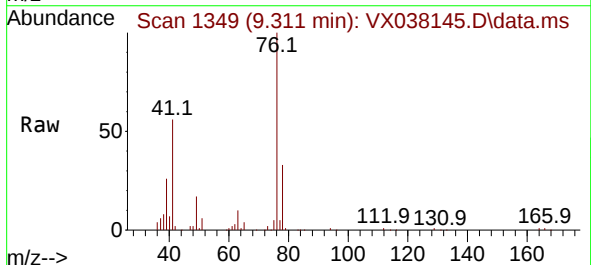
Manual Integrations
APPROVED

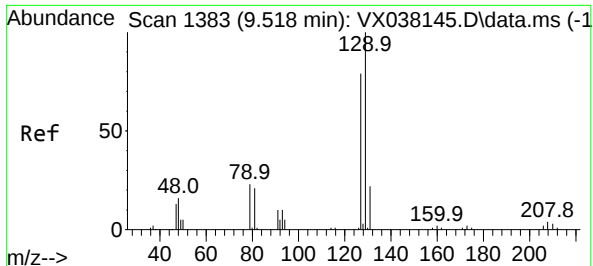
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#52
1,3-Dichloropropane
Concen: 20.144 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 76 Resp: 54923
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6





#53

Dibromochloromethane

Concen: 18.758 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 3115

Ion Ratio Lower Upper

129 100

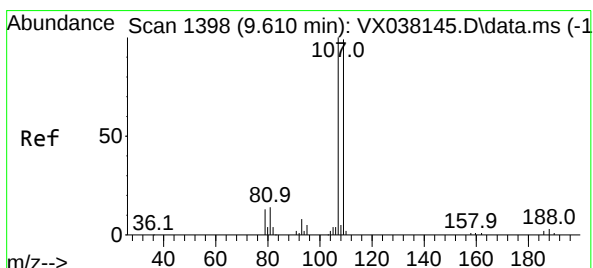
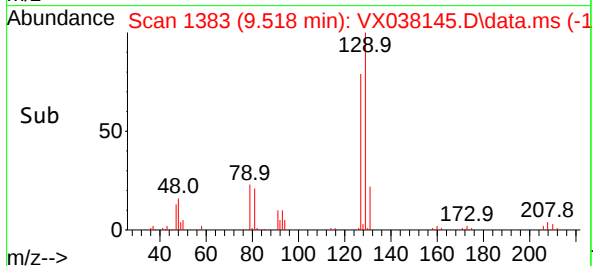
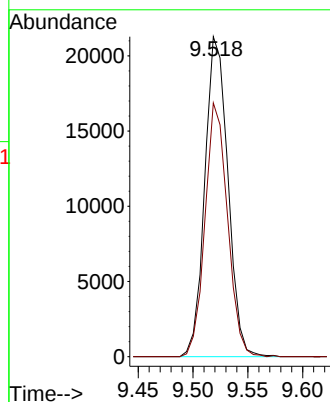
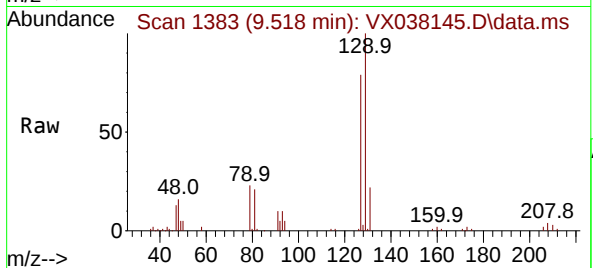
127 77.2 38.6 115.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#54

1,2-Dibromoethane

Concen: 19.064 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038145.D

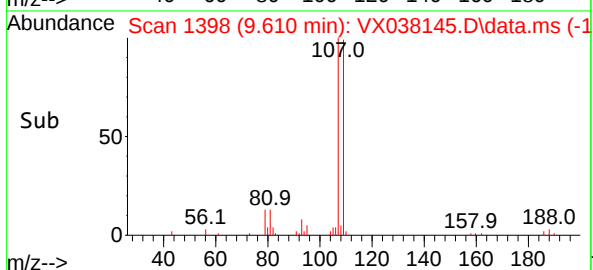
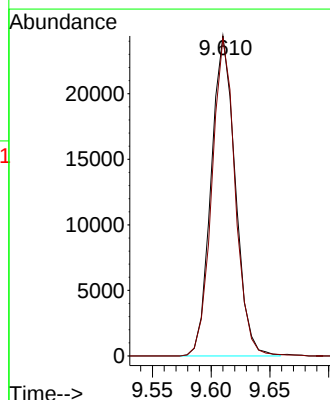
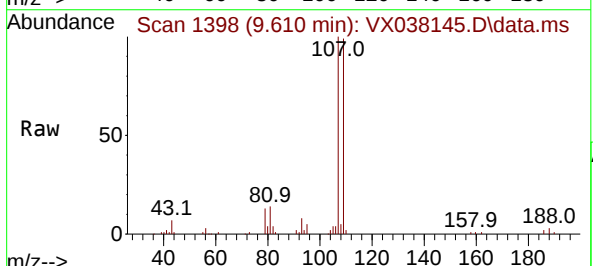
Acq: 06 Oct 2023 22:43

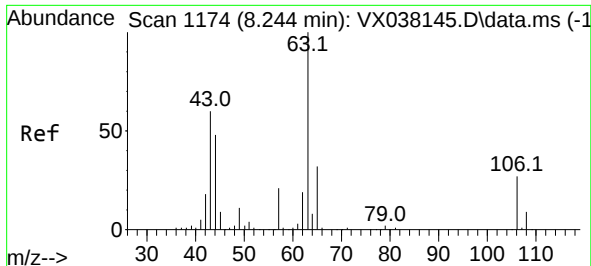
Tgt Ion:107 Resp: 34925

Ion Ratio Lower Upper

107 100

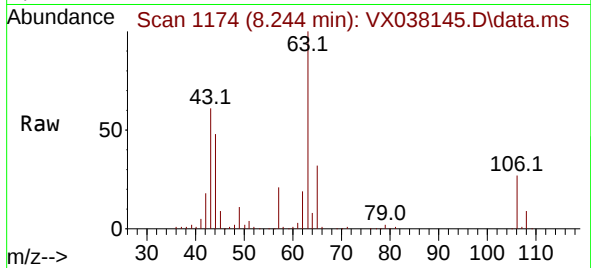
109 96.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 102.176 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

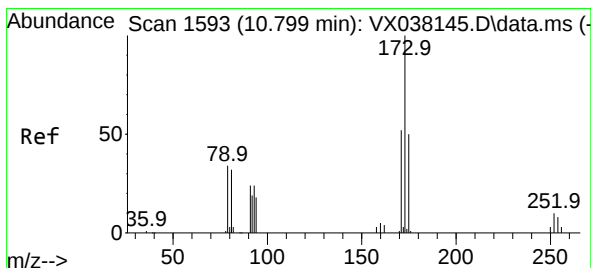
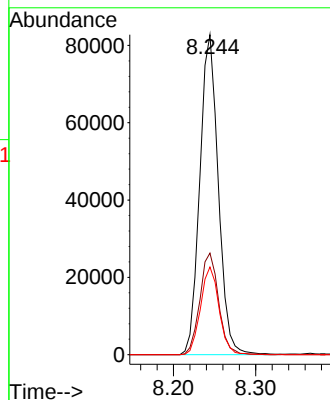
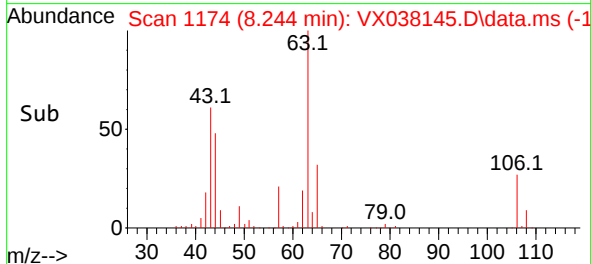
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 129490
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 27.3 21.8 32.8

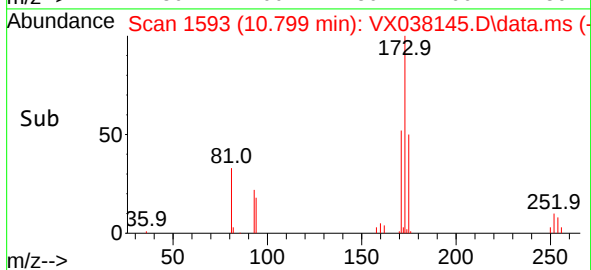
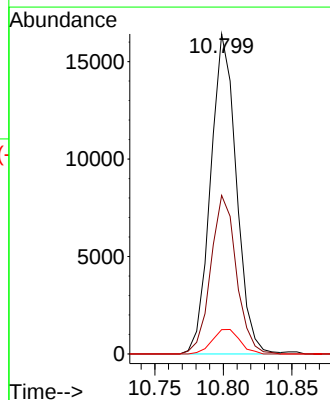
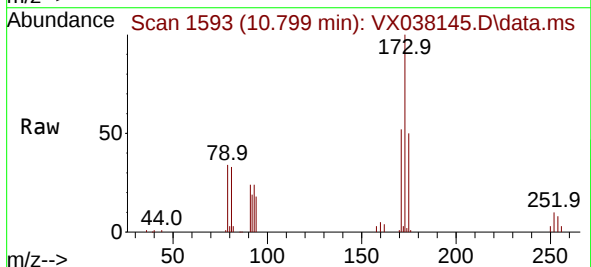
Manual Integrations
APPROVED

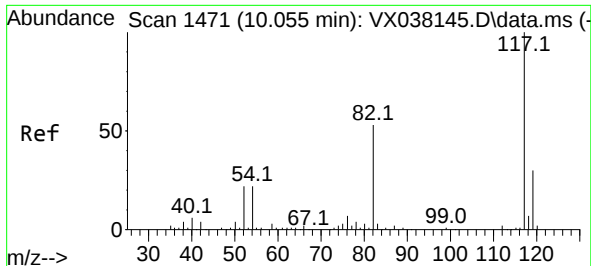
Reviewed By :John Carbone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#56
Bromoform
Concen: 17.267 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:173 Resp: 21433
Ion Ratio Lower Upper
173 100
175 49.2 38.1 57.1
254 8.2 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:117 Resp: 102810

Ion Ratio Lower Upper

117 100

82 55.7 44.7 67.1

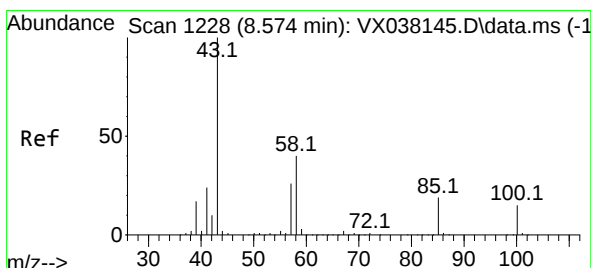
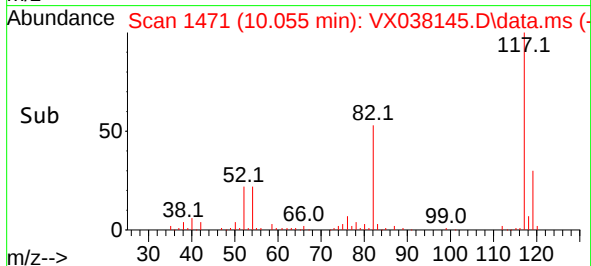
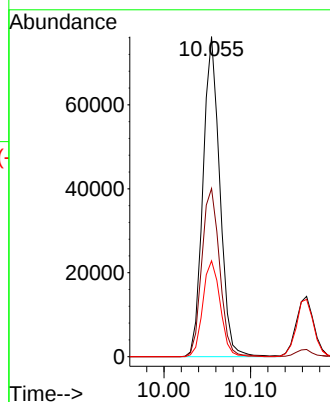
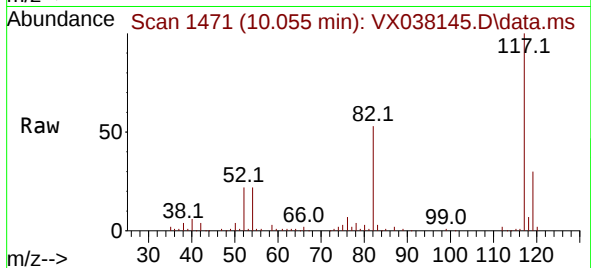
119 30.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#58

4-Methyl-2-Pentanone

Concen: 102.854 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

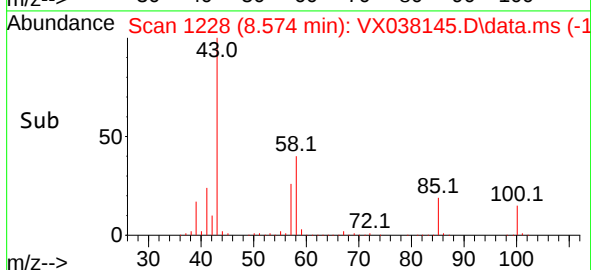
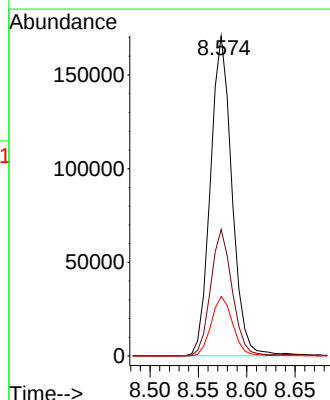
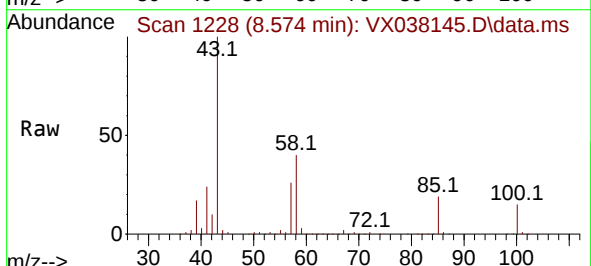
Tgt Ion: 43 Resp: 264675

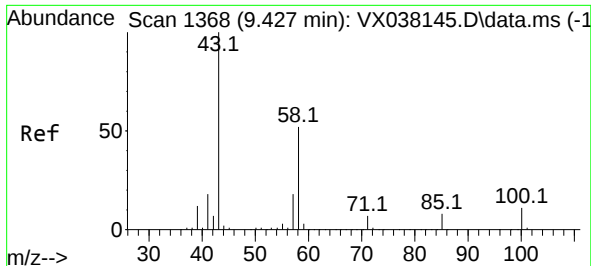
Ion Ratio Lower Upper

43 100

58 39.6 30.9 46.3

85 18.6 14.4 21.6





#59

2-Hexanone

Concen: 103.927 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 21501

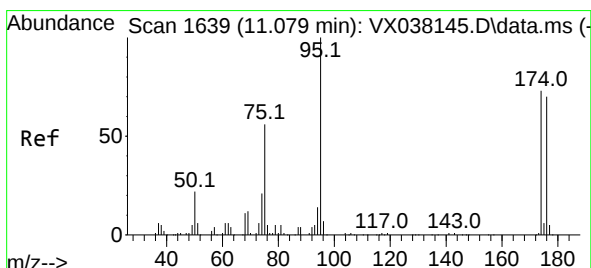
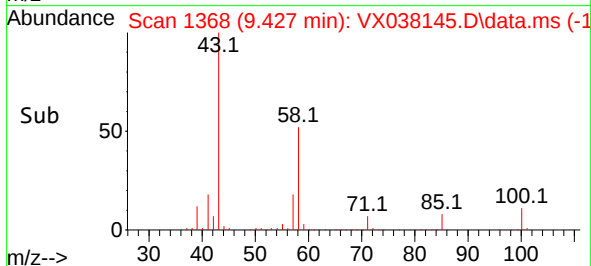
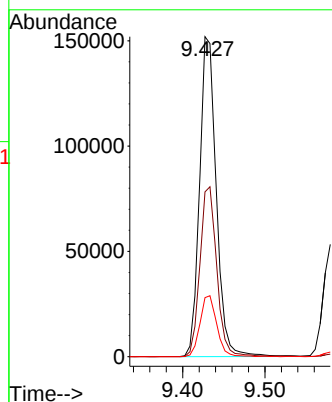
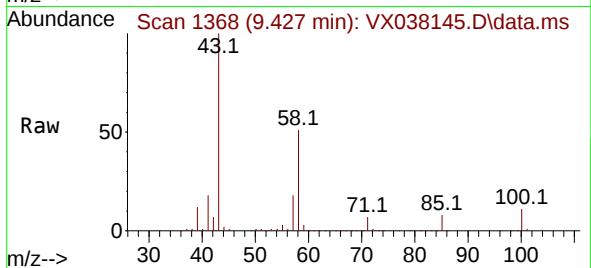
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.4	65.2
57	19.1	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#60

4-Bromofluorobenzene

Concen: 29.207 ug/l

RT: 11.079 min Scan# 1639

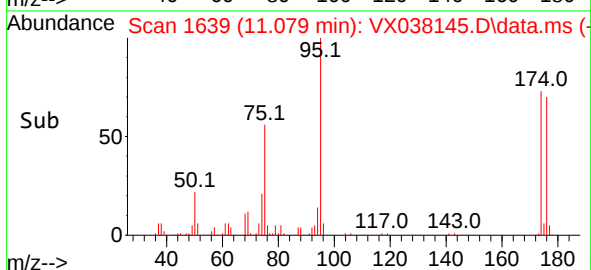
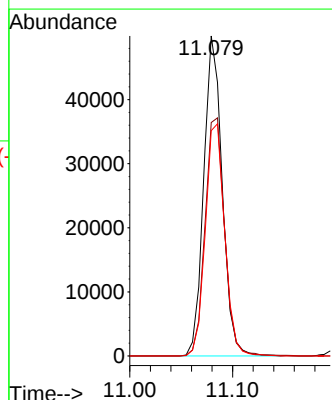
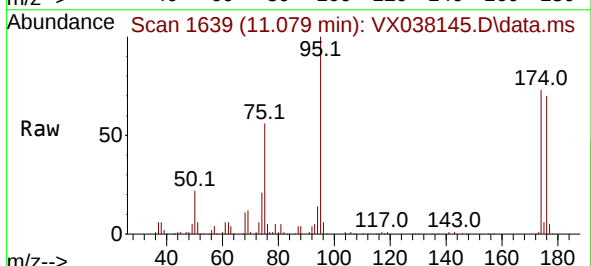
Delta R.T. 0.000 min

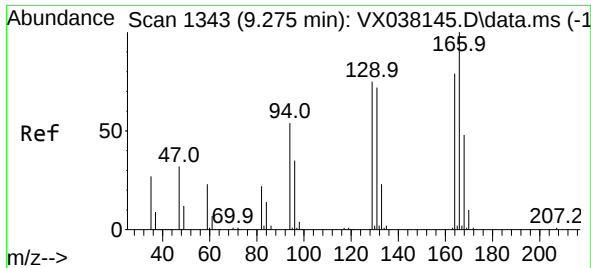
Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Tgt Ion: 95 Resp: 62552

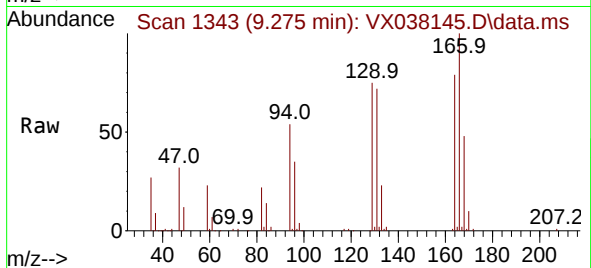
Ion	Ratio	Lower	Upper
95	100		
174	78.3	60.5	90.7
176	75.8	58.2	87.4





#61
Tetrachloroethene
Concen: 19.639 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

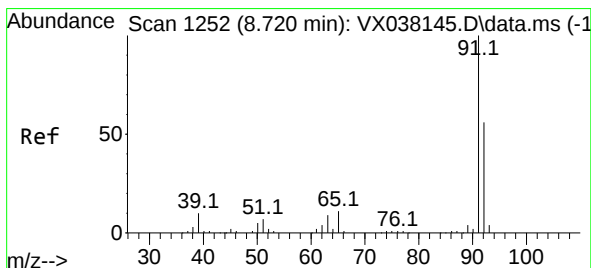
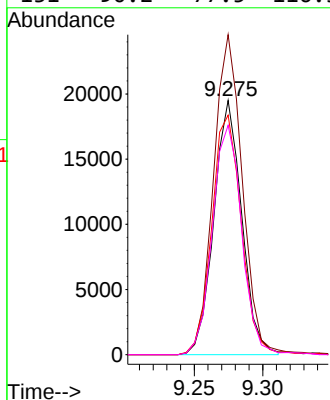
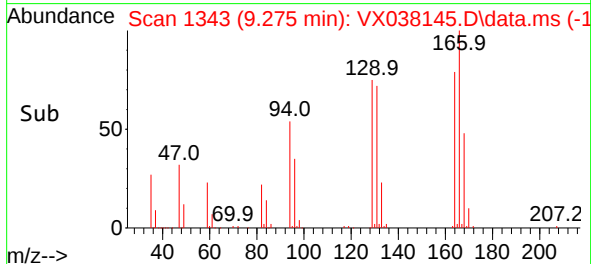
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 27589
Ion Ratio Lower Upper
164 100
166 125.9 104.5 156.7
129 94.2 78.0 117.0
131 90.2 77.5 116.3

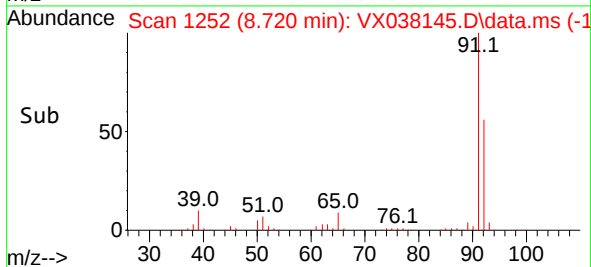
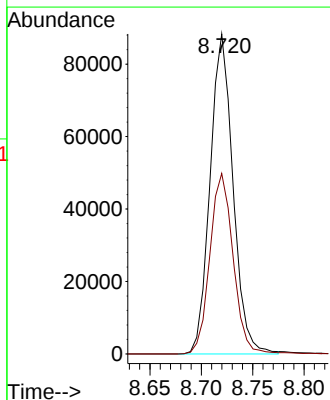
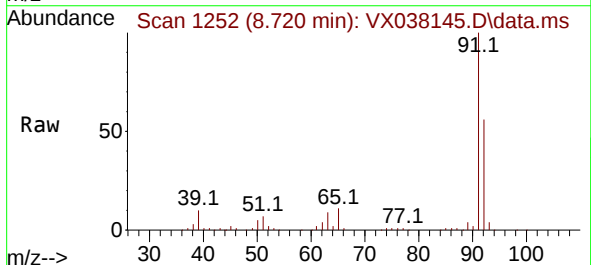
Manual Integrations
APPROVED

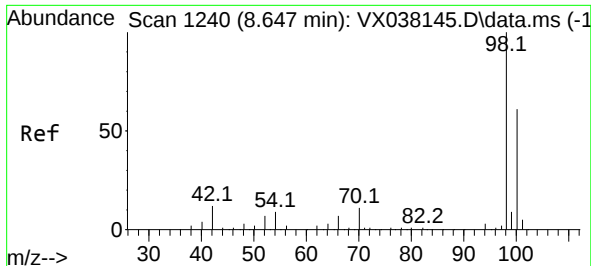
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#62
Toluene
Concen: 19.986 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

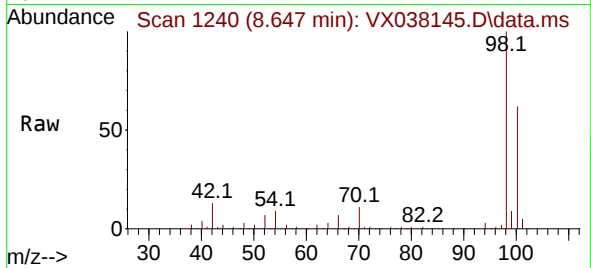
Tgt Ion: 91 Resp: 136902
Ion Ratio Lower Upper
91 100
92 57.3 44.9 67.3





#63
Toluene-d8
Concen: 30.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

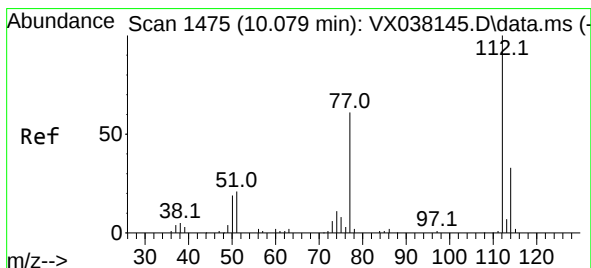
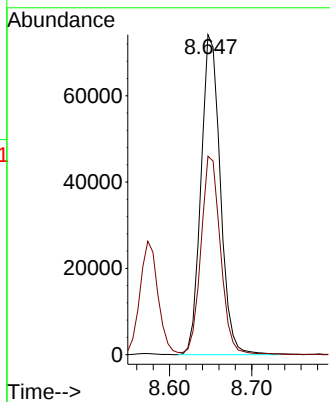
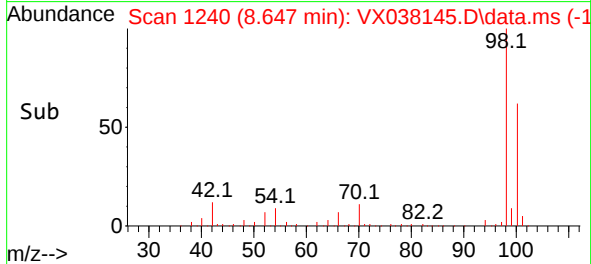
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 12102
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

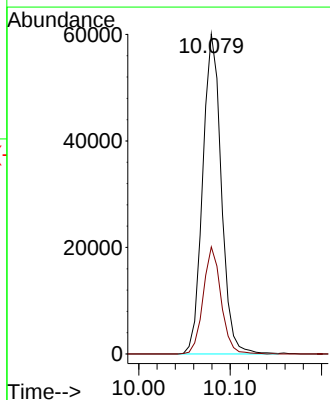
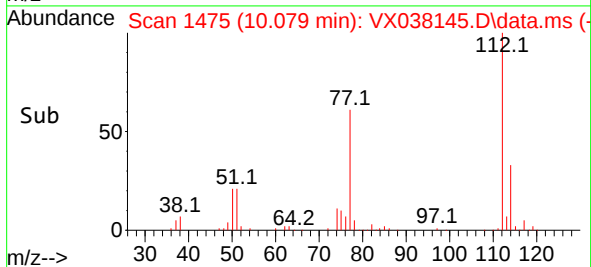
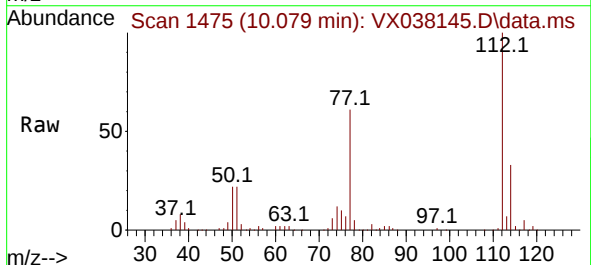
Manual Integrations
APPROVED

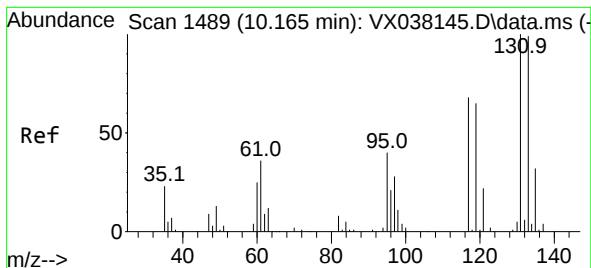
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Chlorobenzene
Concen: 19.776 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

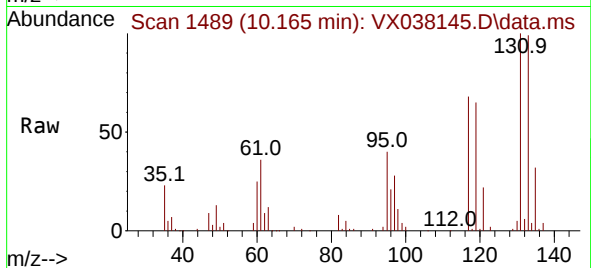
Tgt Ion:112 Resp: 84829
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.173 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

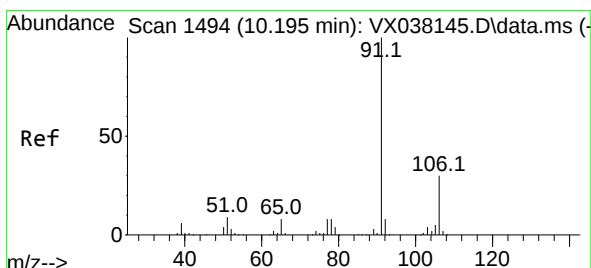
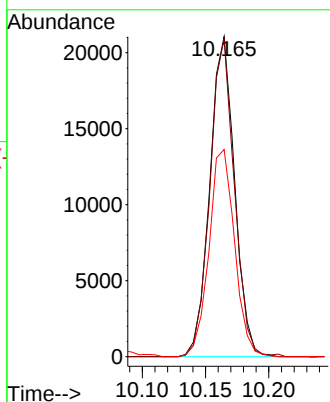
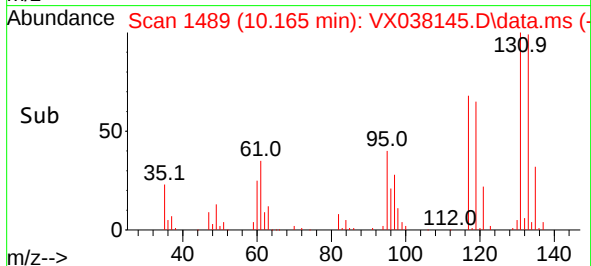
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 28670
Ion Ratio Lower Upper
131 100
133 97.4 0.0 192.0
119 66.9 0.0 132.8

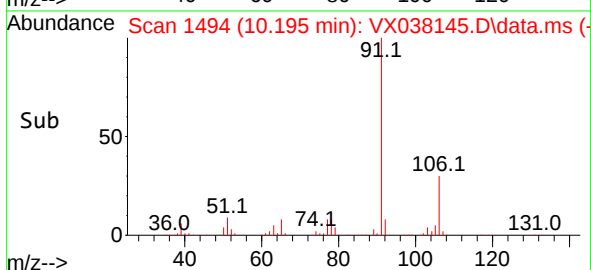
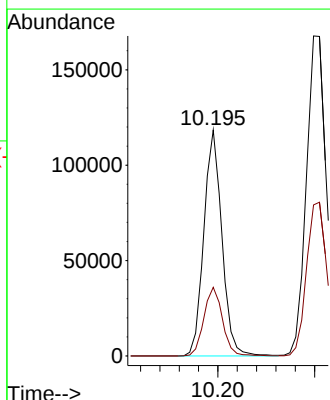
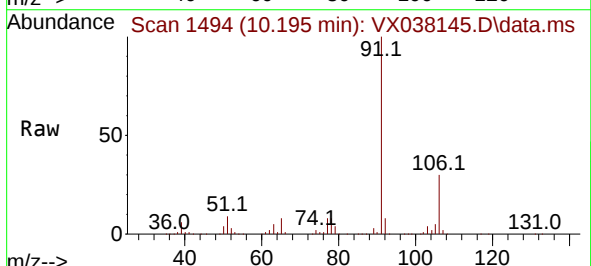
Manual Integrations
APPROVED

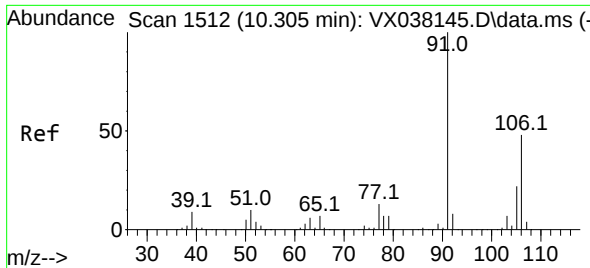
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#66
Ethyl Benzene
Concen: 19.813 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 91 Resp: 153894
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4





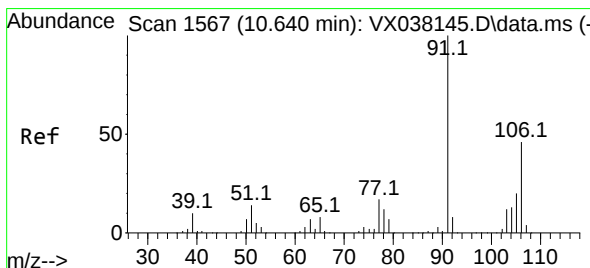
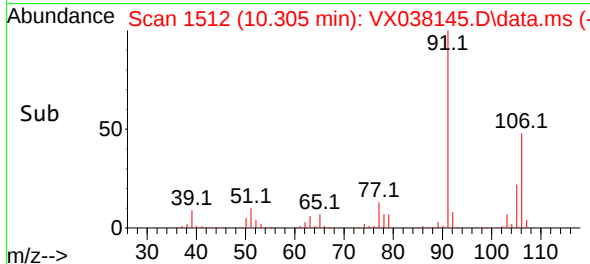
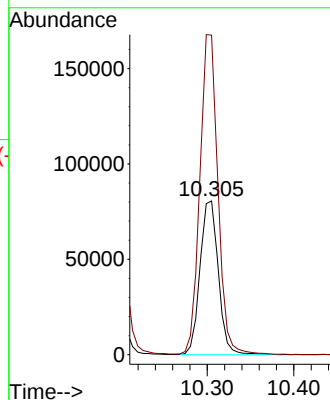
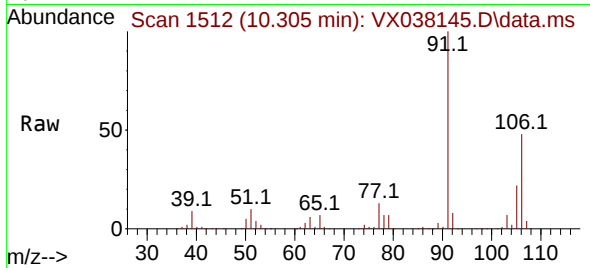
#67
m/p-Xylenes
Concen: 39.259 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 11830
Ion Ratio Lower Upper
106 100
91 206.2 160.5 240.7

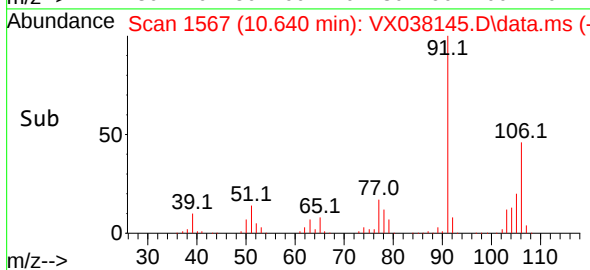
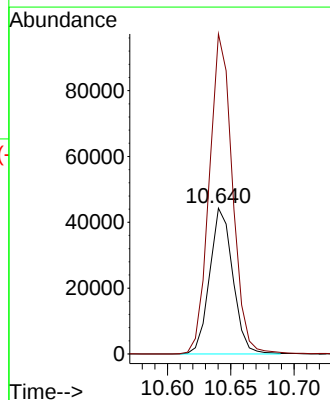
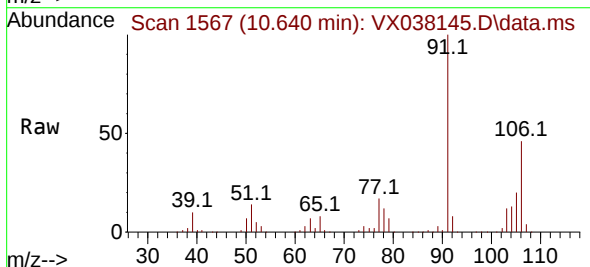
Manual Integrations
APPROVED

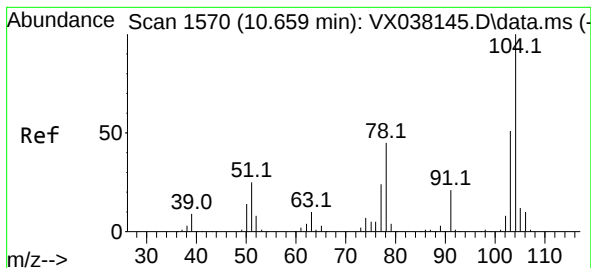
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
o-Xylene
Concen: 19.292 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:106 Resp: 56406
Ion Ratio Lower Upper
106 100
91 218.8 105.4 316.1





#69

Styrene

Concen: 19.413 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

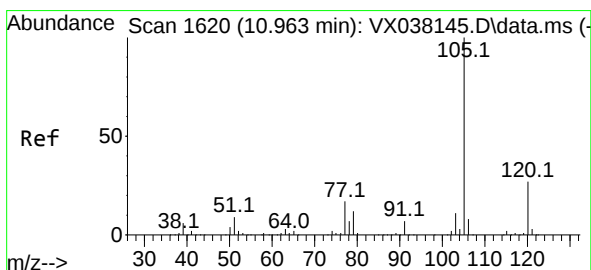
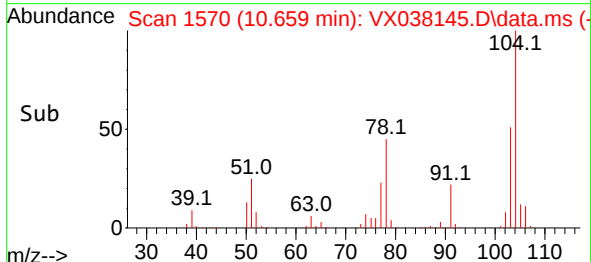
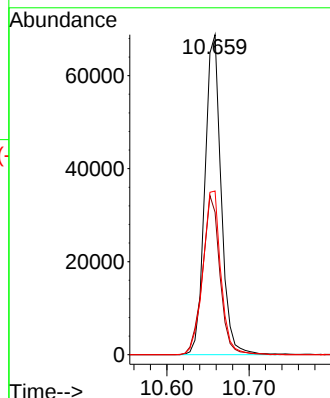
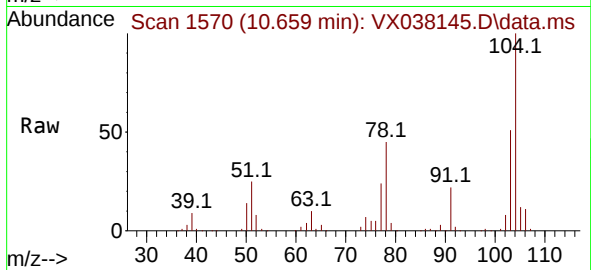
Tgt Ion:	104	Resp:	94310
Ion Ratio	Lower	Upper	
104	100		
78	53.2	41.0	61.4
103	56.5	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#70

Isopropylbenzene

Concen: 19.705 ug/l

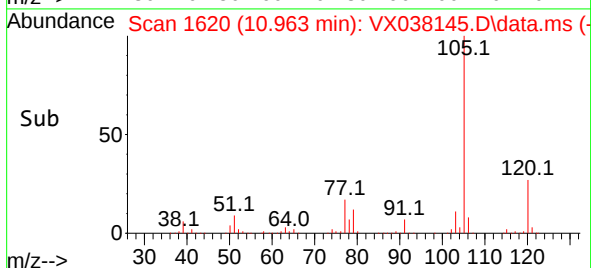
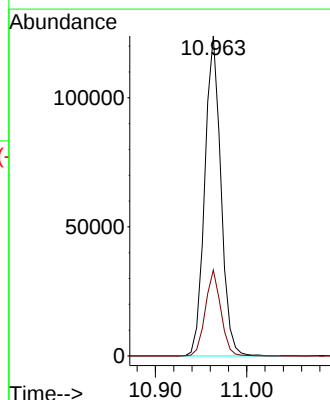
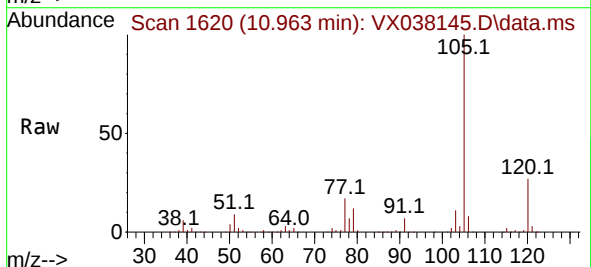
RT: 10.963 min Scan# 1620

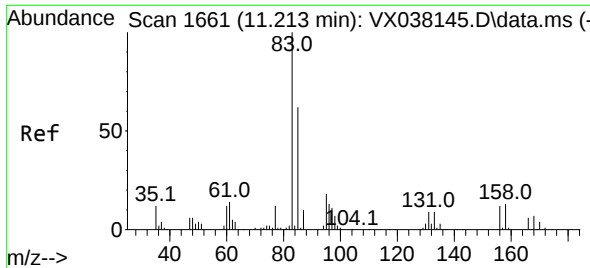
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

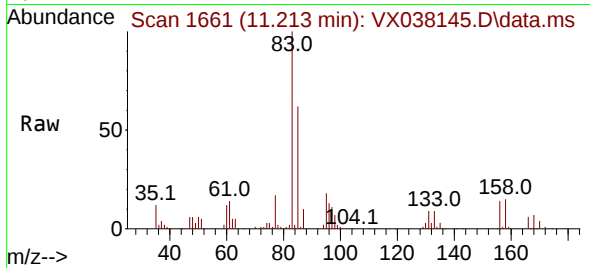
Tgt Ion:	105	Resp:	151941
Ion Ratio	Lower	Upper	
105	100		
120	25.8	19.5	36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.218 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

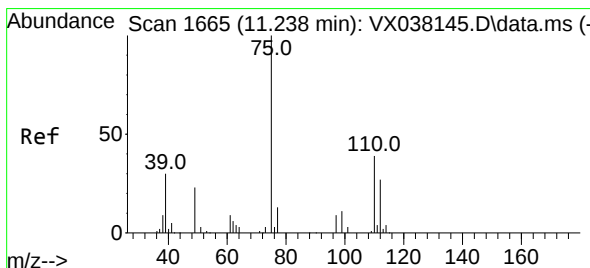
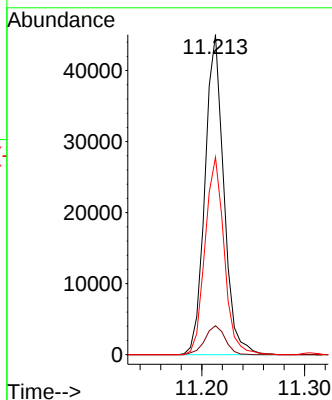
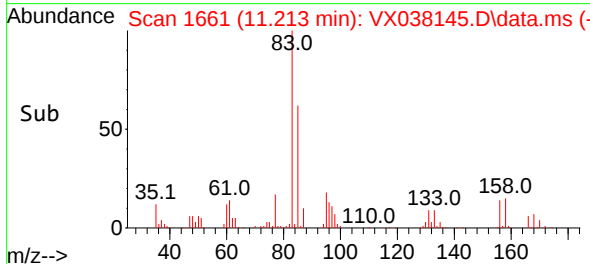
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



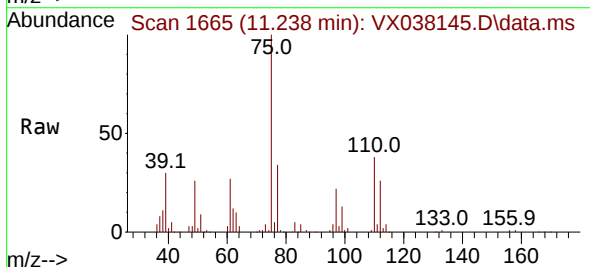
Tgt Ion: 83 Resp: 5746
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 62.7 32.4 97.0

Manual Integrations
APPROVED

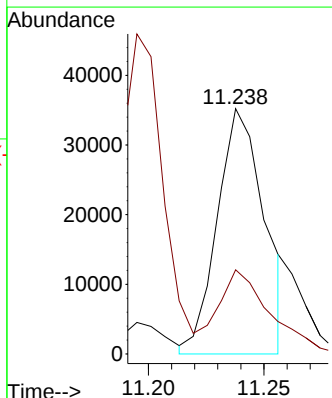
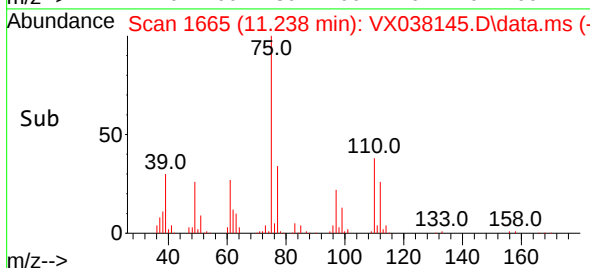
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

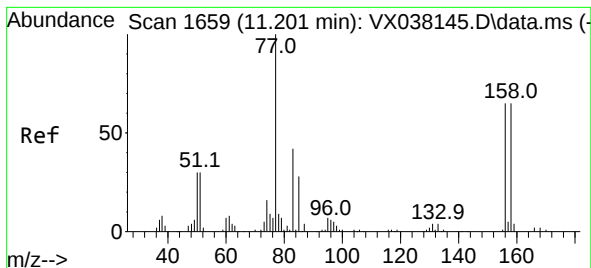


#72
1,2,3-Trichloropropane
Concen: 19.280 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



Tgt Ion: 75 Resp: 49834
Ion Ratio Lower Upper
75 100
77 38.5 0.0 77.2





#73

Bromobenzene

Concen: 18.996 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

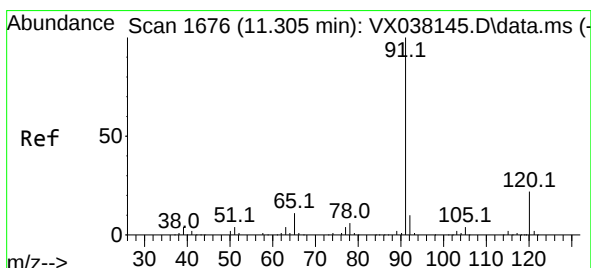
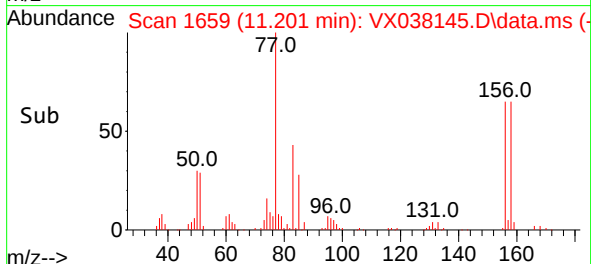
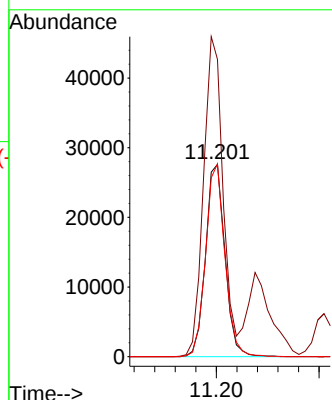
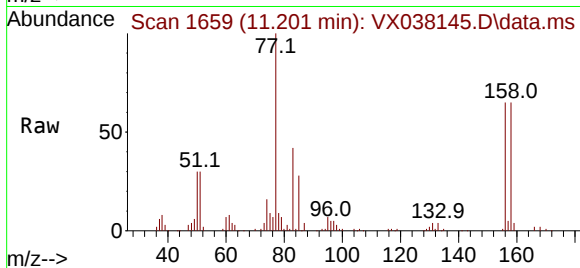
Tgt Ion:	156	Resp:	36269
Ion Ratio	Lower	Upper	
156	100		
77	165.7	0.0	333.0
158	99.2	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#74

n-propylbenzene

Concen: 19.630 ug/l

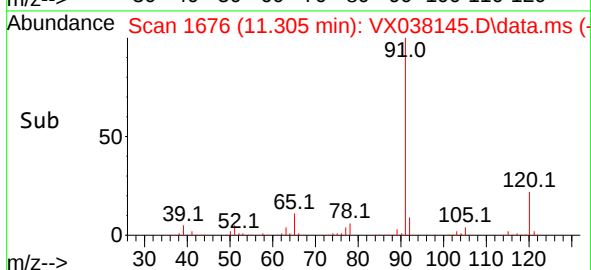
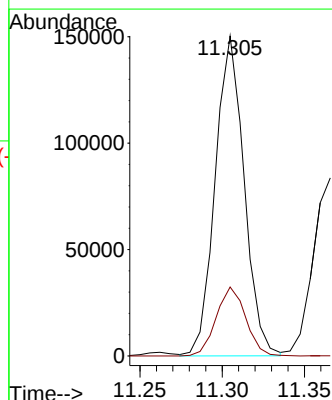
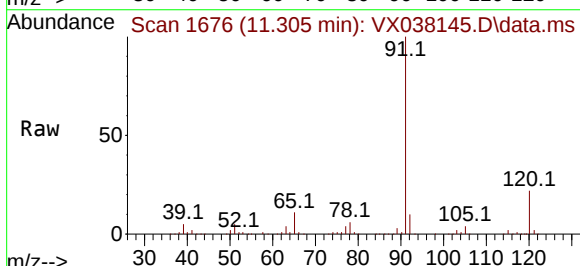
RT: 11.305 min Scan# 1676

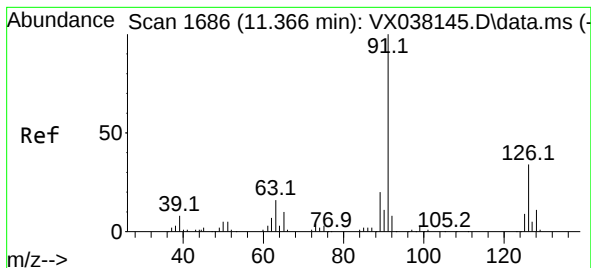
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Tgt Ion:	91	Resp:	183941
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	46.6





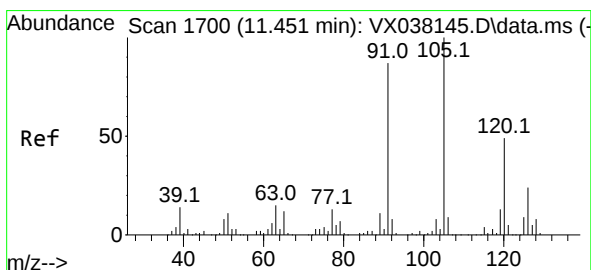
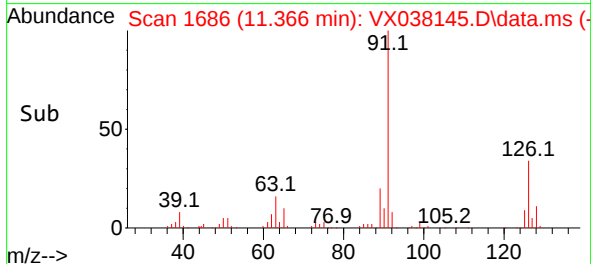
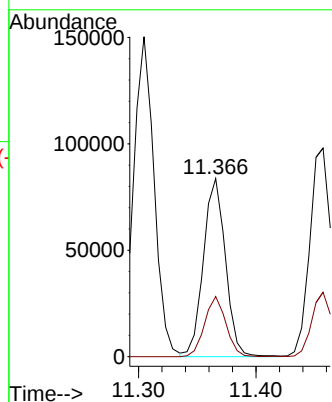
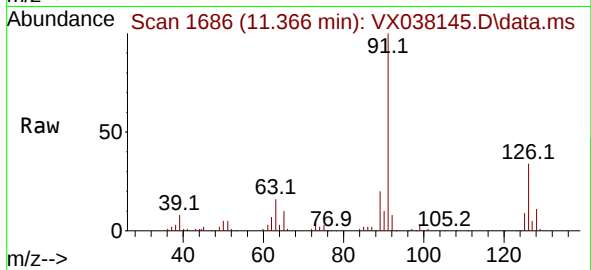
#75
2-Chlorotoluene
Concen: 19.853 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 109300
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.2

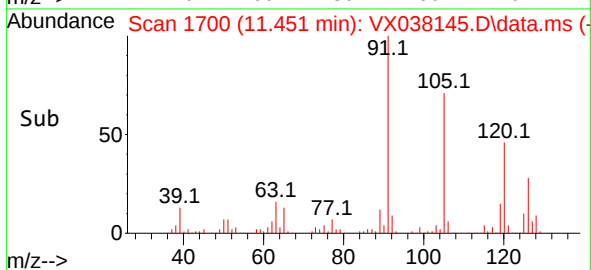
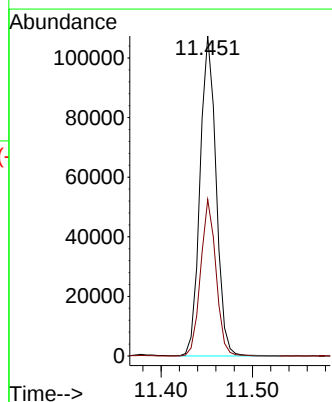
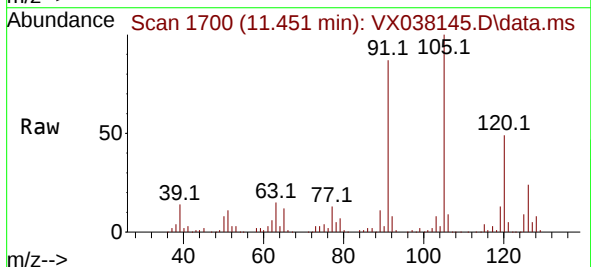
Manual Integrations
APPROVED

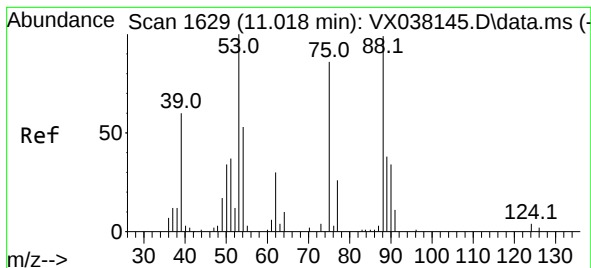
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:105 Resp: 130838
Ion Ratio Lower Upper
105 100
120 46.7 0.0 96.4





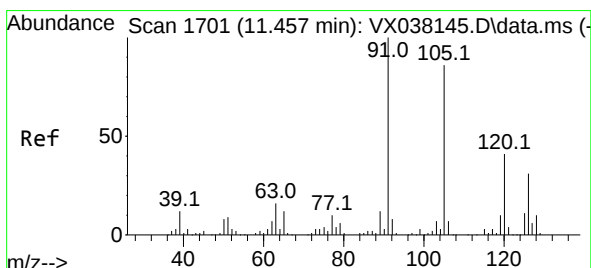
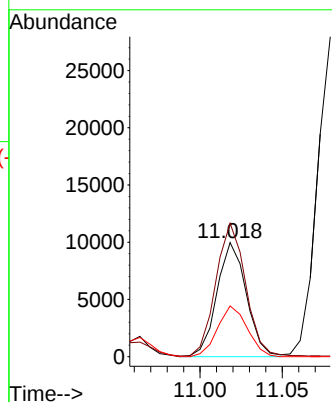
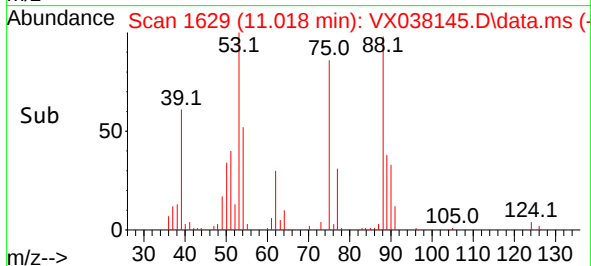
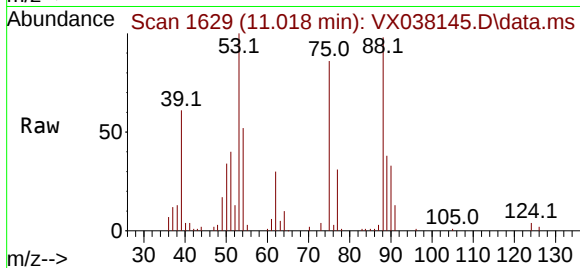
#77
t-1,4-Dichloro-2-butene
Concen: 17.688 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 12449
Ion Ratio Lower Upper
75 100
53 116.2 53.9 161.7
89 44.5 22.1 66.1

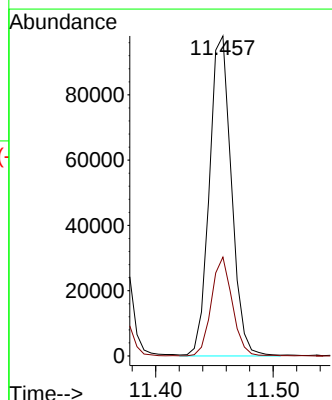
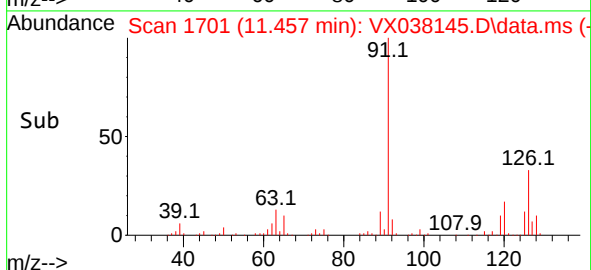
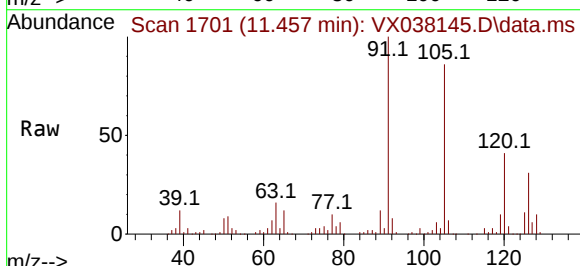
Manual Integrations
APPROVED

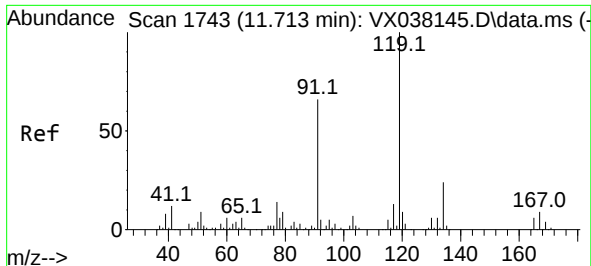
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#78
4-Chlorotoluene
Concen: 19.545 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

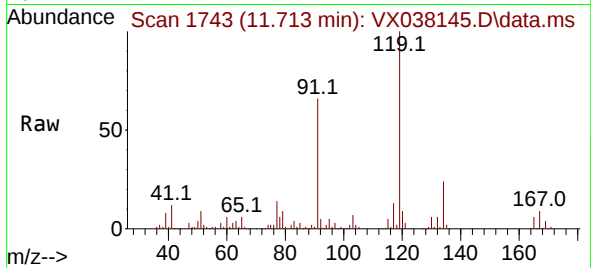
Tgt Ion: 91 Resp: 127969
Ion Ratio Lower Upper
91 100
126 29.2 0.0 59.4





#79
tert-butylbenzene
Concen: 19.086 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

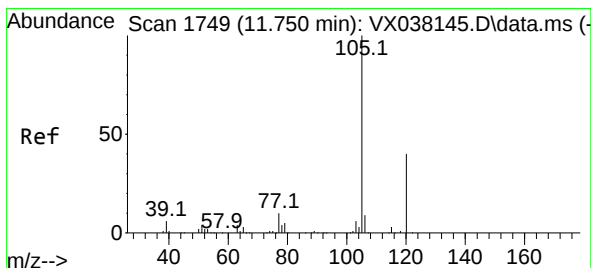
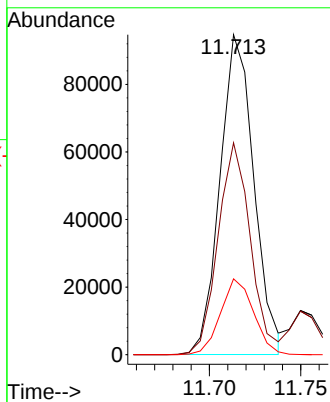
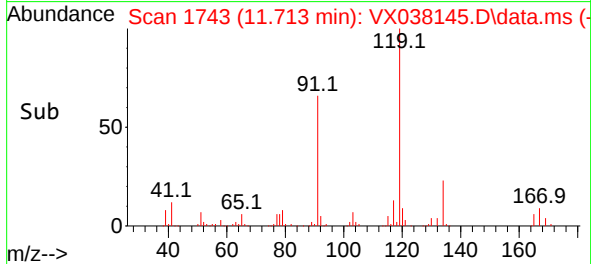
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 122164
Ion Ratio Lower Upper
119 100
91 63.4 0.0 124.4
134 23.2 0.0 47.2

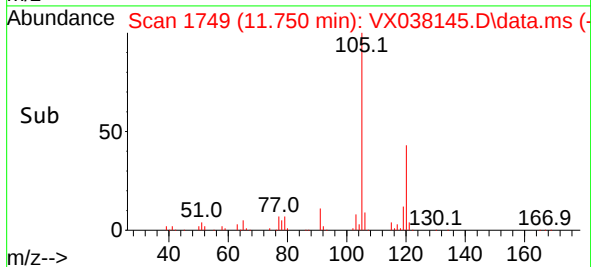
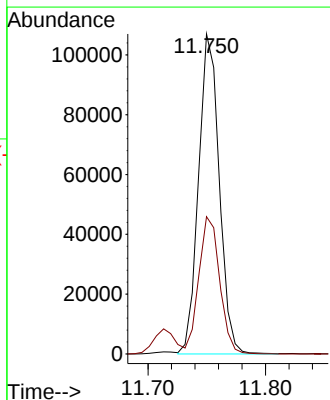
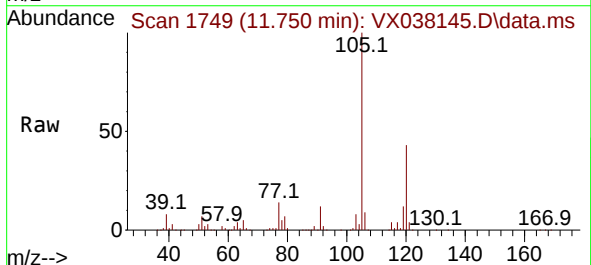
Manual Integrations
APPROVED

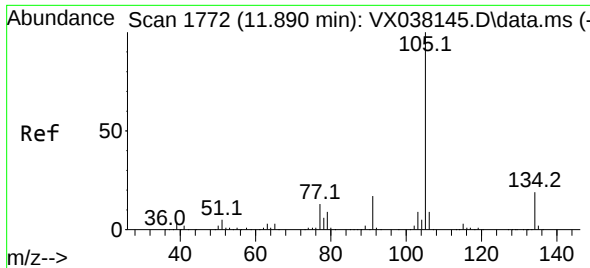
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.890 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

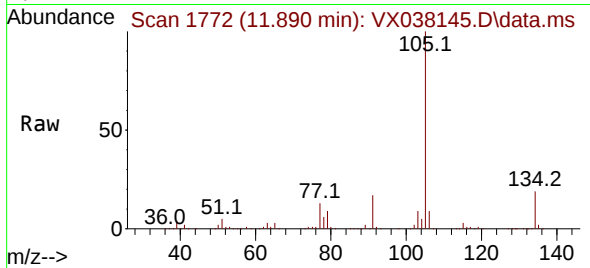
Tgt Ion:105 Resp: 130855
Ion Ratio Lower Upper
105 100
120 43.3 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 19.688 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

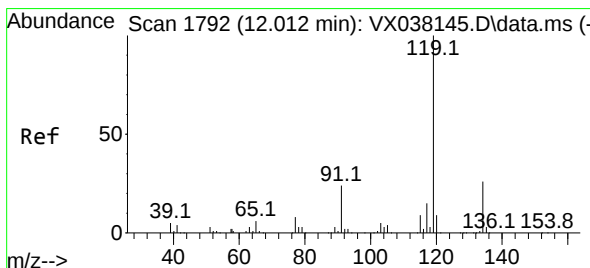
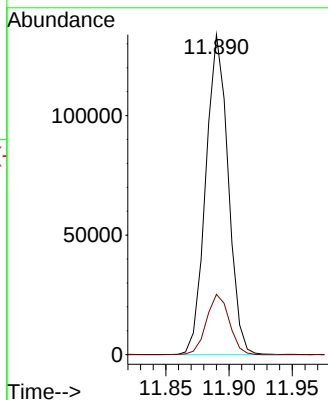
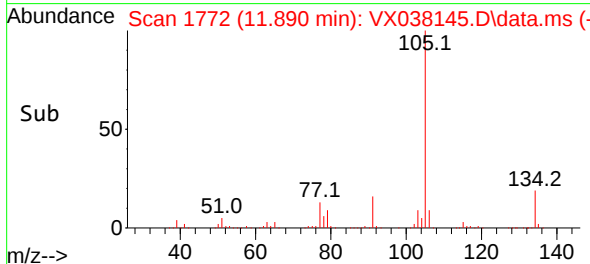
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



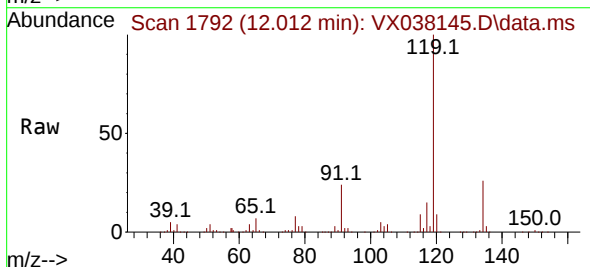
Tgt Ion:105 Resp: 16486
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.2

Manual Integrations
 APPROVED

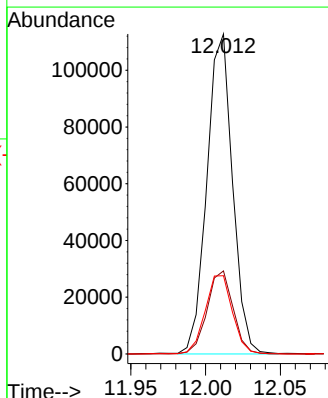
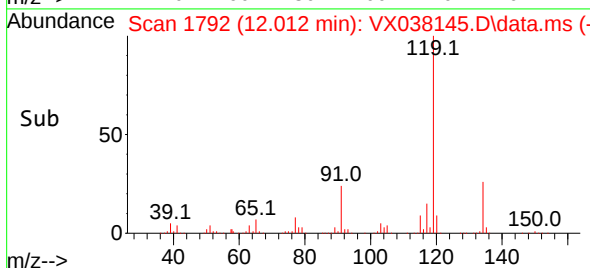
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

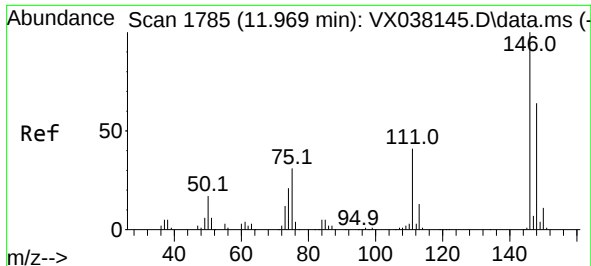


#82
 p-Isopropyltoluene
 Concen: 19.455 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43



Tgt Ion:119 Resp: 134675
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 26.1 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 19.650 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

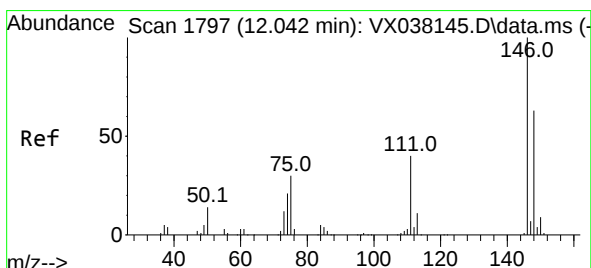
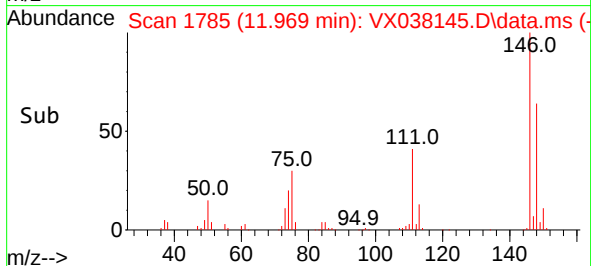
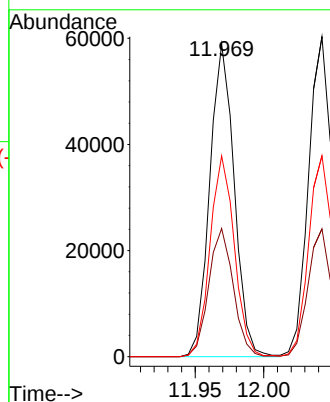
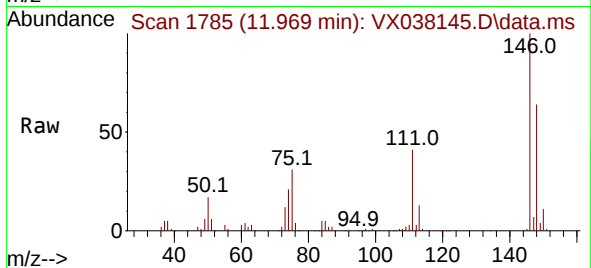
Tgt Ion:146 Resp: 7317
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.2
 148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#84

1,4-Dichlorobenzene

Concen: 19.570 ug/l

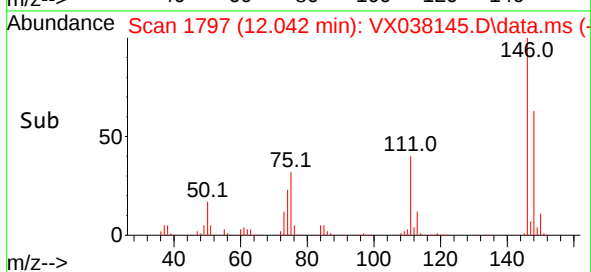
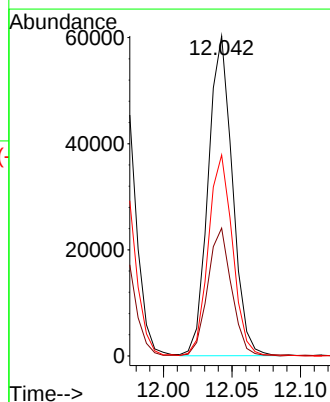
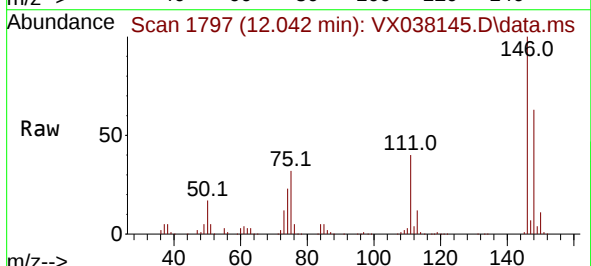
RT: 12.042 min Scan# 1797

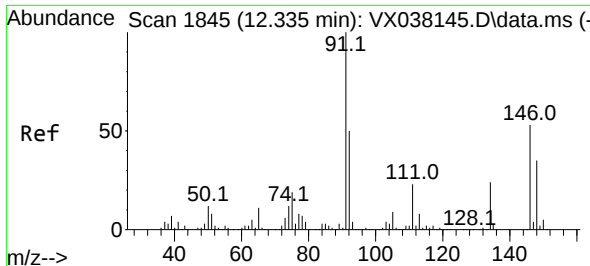
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

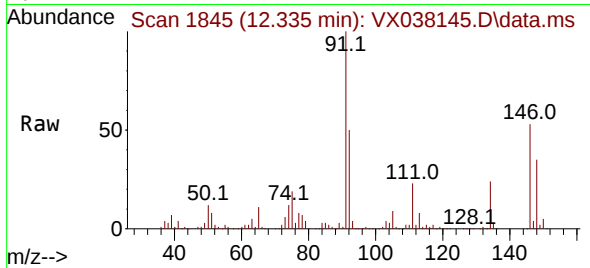
Tgt Ion:146 Resp: 74200
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.2 60.6
 148 62.4 32.1 96.3





#85
n-Butylbenzene
Concen: 19.436 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

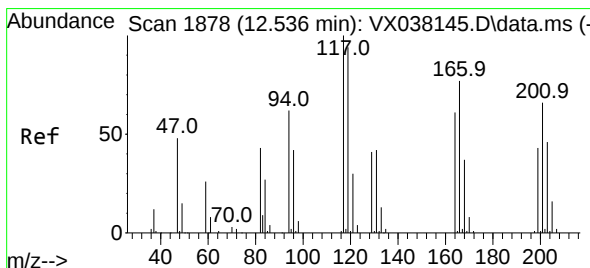
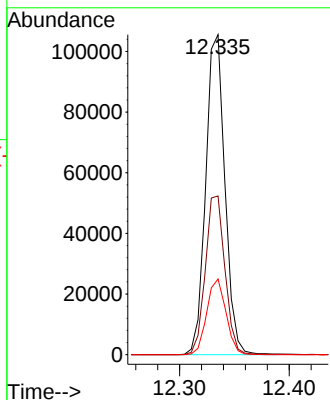
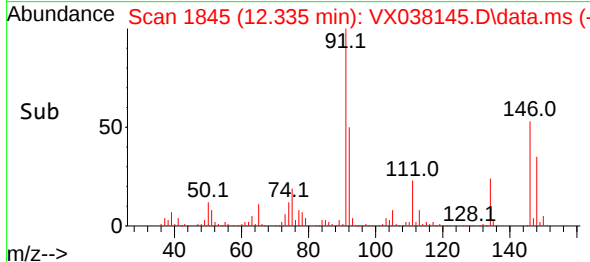
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 128370
Ion Ratio Lower Upper
91 100
92 50.7 0.0 105.2
134 23.7 0.0 51.4

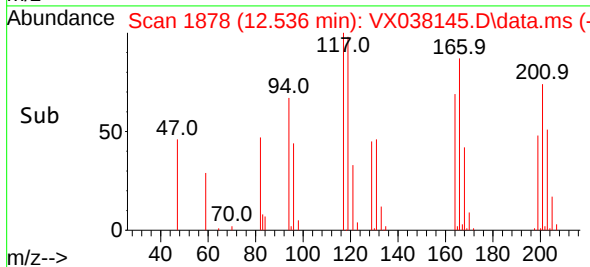
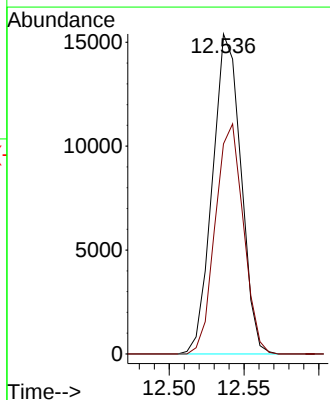
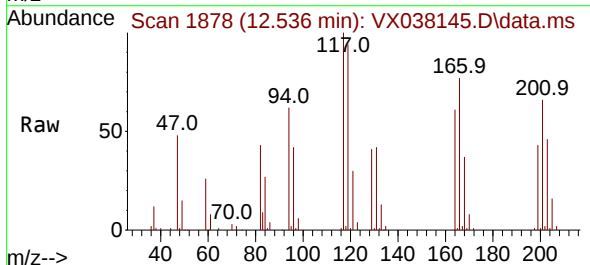
Manual Integrations
APPROVED

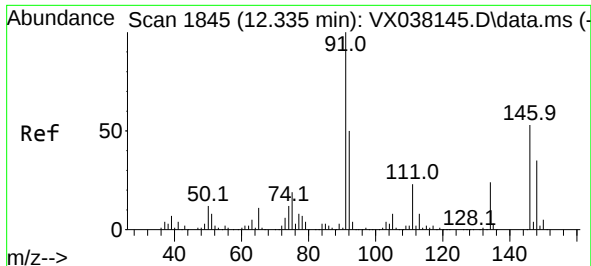
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#86
Hexachloroethane
Concen: 17.808 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:117 Resp: 20378
Ion Ratio Lower Upper
117 100
201 71.0 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 19.411 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 7006

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

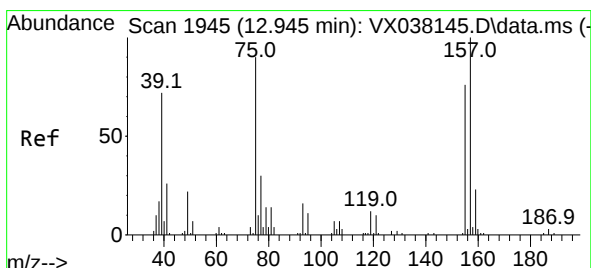
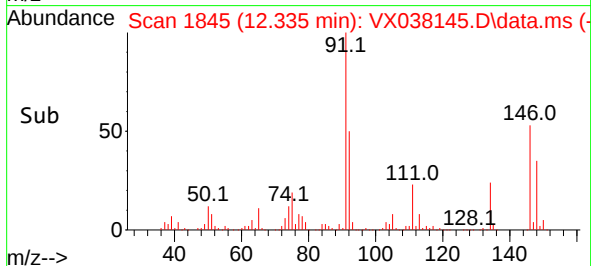
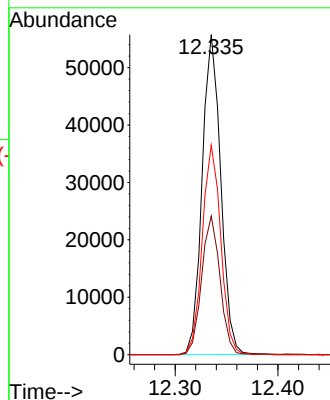
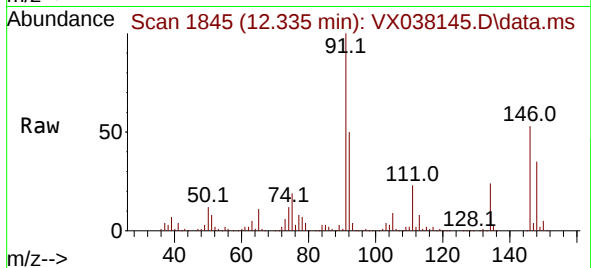
148 65.3 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.387 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

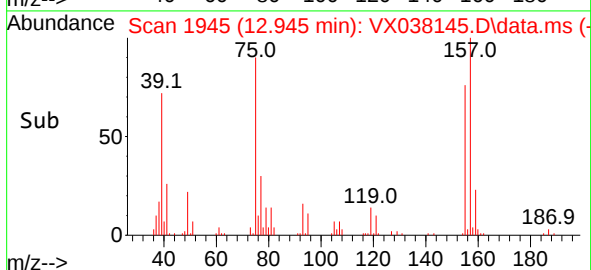
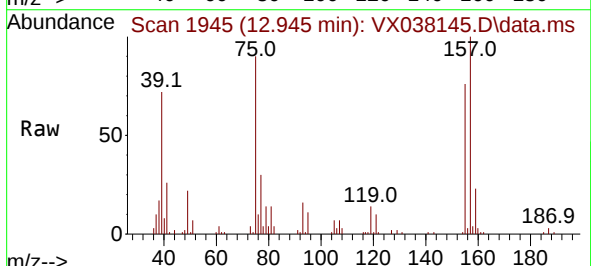
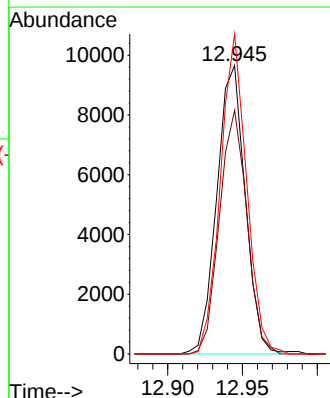
Tgt Ion: 75 Resp: 12760

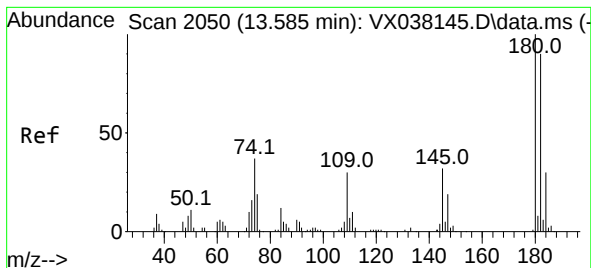
Ion Ratio Lower Upper

75 100

155 81.3 62.7 94.1

157 102.2 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 19.544 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

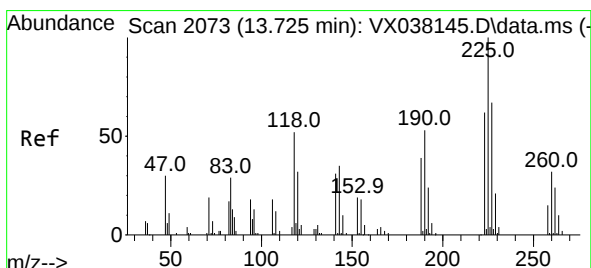
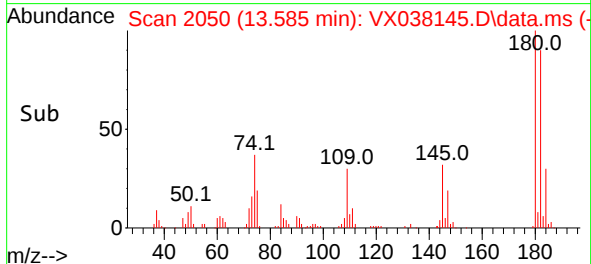
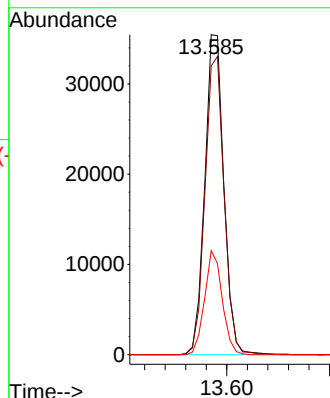
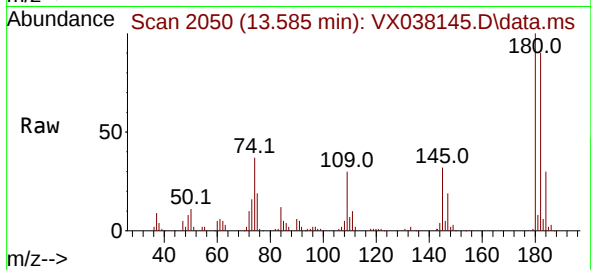
Tgt Ion:180	Resp: 45794
Ion Ratio	Lower Upper
180 100	
182 93.0	75.6 113.4
145 30.0	25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#90

Hexachlorobutadiene

Concen: 18.908 ug/l

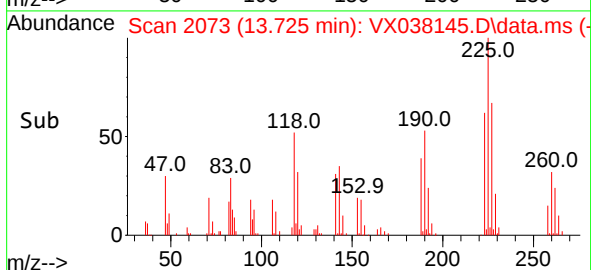
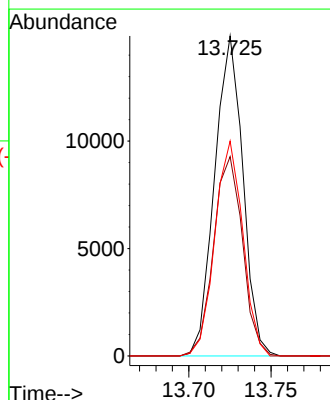
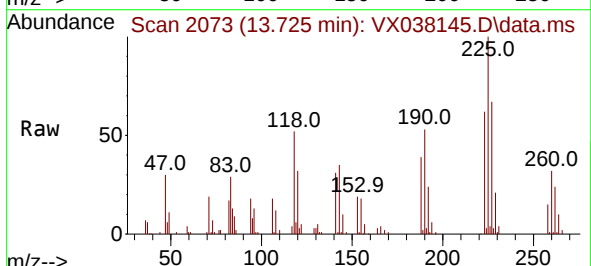
RT: 13.725 min Scan# 2073

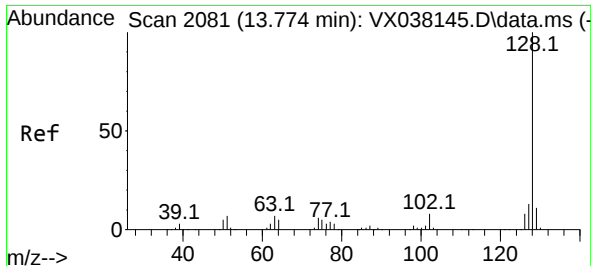
Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

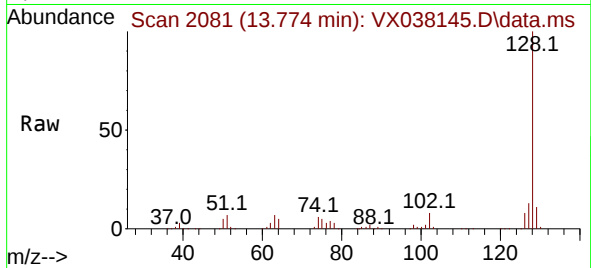
Tgt Ion:225	Resp: 17821
Ion Ratio	Lower Upper
225 100	
223 63.9	0.0 124.2
227 66.5	0.0 120.4





#91
Naphthalene
Concen: 19.439 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

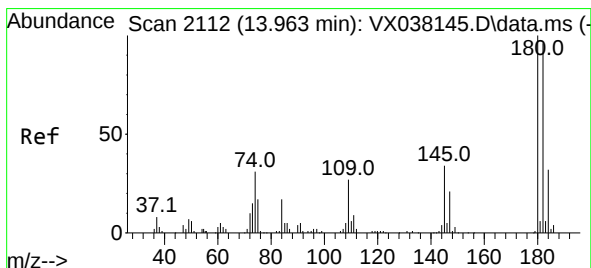
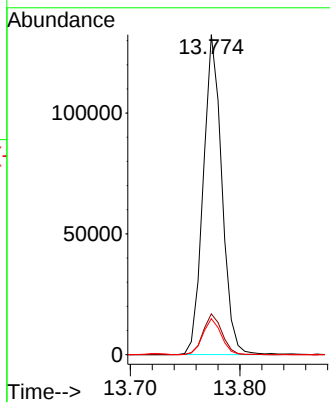
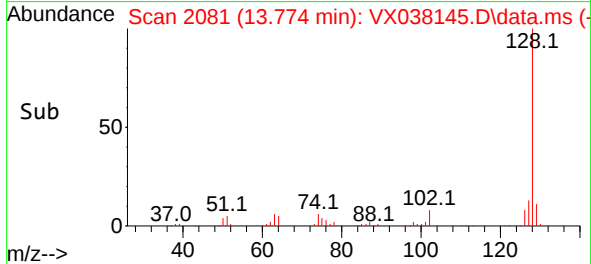
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



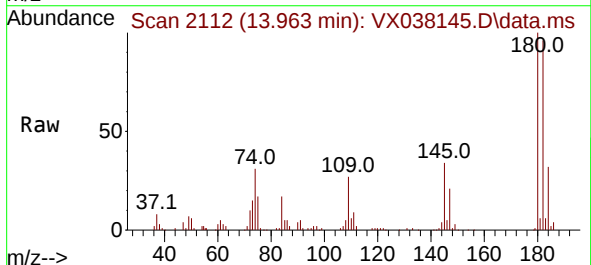
Tgt Ion:128 Resp: 155990
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.173 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43



Tgt Ion:180 Resp: 43975
Ion Ratio Lower Upper
180 100
182 96.6 0.0 190.6
145 33.1 0.0 66.8

