

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038451.D
 Acq On : 24 Oct 2023 13:02
 Operator : JC/MD
 Sample : VX1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:07:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	156988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94935	37.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	75.200%#		
35) Dibromofluoromethane	5.385	113	81091	43.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.820%		
50) Toluene-d8	8.646	98	285935	40.058	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.120%#		
62) 4-Bromofluorobenzene	11.079	95	112167	41.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32134	21.206	ug/l	97
3) Chloromethane	1.300	50	29312	18.979	ug/l	97
4) Vinyl Chloride	1.373	62	33383	19.495	ug/l	98
5) Bromomethane	1.605	94	34455	14.719	ug/l	97
6) Chloroethane	1.684	64	23543	18.824	ug/l	98
7) Trichlorofluoromethane	1.886	101	64020	18.928	ug/l	97
8) Diethyl Ether	2.135	74	22141	17.552	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	33222	22.499	ug/l	98
10) Methyl Iodide	2.452	142	41537	19.551	ug/l	93
11) Tert butyl alcohol	2.952	59	47517	77.600	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	30240	21.054	ug/l	88
13) Acrolein	2.233	56	37537	104.571	ug/l	99
14) Allyl chloride	2.666	41	45626	17.760	ug/l #	94
15) Acrylonitrile	3.062	53	109605	95.383	ug/l	99
16) Acetone	2.373	43	105630	100.235	ug/l	92
17) Carbon Disulfide	2.513	76	68070	16.443	ug/l	100
18) Methyl Acetate	2.702	43	93144	20.611	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	109309	19.109	ug/l	100
20) Methylene Chloride	2.788	84	37701	19.019	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	34455	19.374	ug/l	88
22) Diisopropyl ether	3.757	45	98664	18.324	ug/l #	93
23) Vinyl Acetate	3.721	43	351365	88.984	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	61216	18.734	ug/l	99
25) 2-Butanone	4.556	43	157341	92.536	ug/l	92
26) 2,2-Dichloropropane	4.477	77	47505	18.621	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	41584	19.634	ug/l	89
28) Bromochloromethane	4.891	49	26398	17.896	ug/l #	76
29) Tetrahydrofuran	5.001	42	96870	87.505	ug/l #	86
30) Chloroform	5.092	83	70071	19.610	ug/l	99
31) Cyclohexane	5.470	56	47559	17.384	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	58566	19.135	ug/l	97
36) 1,1-Dichloropropene	5.696	75	48207	18.715	ug/l	97
37) Ethyl Acetate	4.714	43	54246	17.732	ug/l	95
38) Carbon Tetrachloride	5.678	117	50561	19.953	ug/l	98
39) Methylcyclohexane	7.378	83	57115	18.930	ug/l	92
40) Benzene	6.043	78	142731	19.811	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	27986	18.389	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	54852	19.056	ug/l	99
43) Isopropyl Acetate	6.342	43	83507	18.285	ug/l #	97
44) Trichloroethene	7.128	130	40253	21.361	ug/l	99
45) 1,2-Dichloropropane	7.433	63	35837	19.219	ug/l	95
46) Dibromomethane	7.580	93	29100	20.121	ug/l	95
47) Bromodichloromethane	7.823	83	51417	19.985	ug/l	97
48) Methyl methacrylate	7.689	41	39757	18.236	ug/l #	82
49) 1,4-Dioxane	7.659	88	19888	370.184	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	305890	97.105	ug/l	97
52) Toluene	8.720	92	95610	20.372	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	52240	18.916	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	56903	19.612	ug/l	90
55) 1,1,2-Trichloroethane	9.152	97	41147	20.498	ug/l	96
56) Ethyl methacrylate	9.116	69	57676	18.739	ug/l	91
57) 1,3-Dichloropropane	9.311	76	65582	20.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	113091	74.857	ug/l	97
59) 2-Hexanone	9.427	43	242207	95.642	ug/l	94
60) Dibromochloromethane	9.524	129	40790	20.762	ug/l	100
61) 1,2-Dibromoethane	9.610	107	44228	20.374	ug/l	99
64) Tetrachloroethene	9.274	164	34119	20.625	ug/l	97
65) Chlorobenzene	10.079	112	107839	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38190	21.121	ug/l	99
67) Ethyl Benzene	10.195	91	186742	19.565	ug/l	100
68) m/p-Xylenes	10.299	106	145516	39.429	ug/l	98
69) o-Xylene	10.640	106	69580	19.317	ug/l	100
70) Styrene	10.652	104	118477	20.198	ug/l	95
71) Bromoform	10.799	173	29600	19.499	ug/l #	100
73) Isopropylbenzene	10.963	105	189411	19.325	ug/l	99
74) N-amyl acetate	10.841	43	72245	17.261	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	70767	19.676	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62032m	18.670	ug/l	
77) Bromobenzene	11.201	156	48345	20.203	ug/l	86
78) n-propylbenzene	11.305	91	227032	18.944	ug/l	100
79) 2-Chlorotoluene	11.366	91	131655	18.523	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	162441	19.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16554	17.408	ug/l	96
82) 4-Chlorotoluene	11.451	91	156015	18.550	ug/l	96
83) tert-Butylbenzene	11.713	119	163221	19.754	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	163523	19.395	ug/l	98
85) sec-Butylbenzene	11.890	105	209247	19.550	ug/l	100
86) p-Isopropyltoluene	12.012	119	172767	19.564	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	93356	19.424	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	97102	19.789	ug/l	98
89) n-Butylbenzene	12.335	91	161930	18.412	ug/l	97
90) Hexachloroethane	12.536	117	27707	18.924	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	93872	20.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15767	18.132	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	64155	20.704	ug/l	95
94) Hexachlorobutadiene	13.725	225	26164	20.979	ug/l	99
95) Naphthalene	13.774	128	205734	19.065	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61003	20.332	ug/l	98

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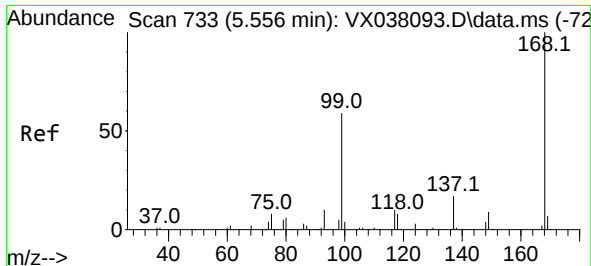
Manual Integrations
APPROVED

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

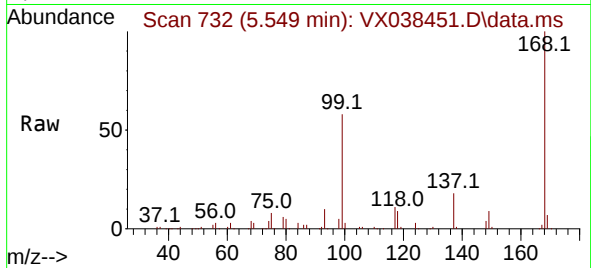
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
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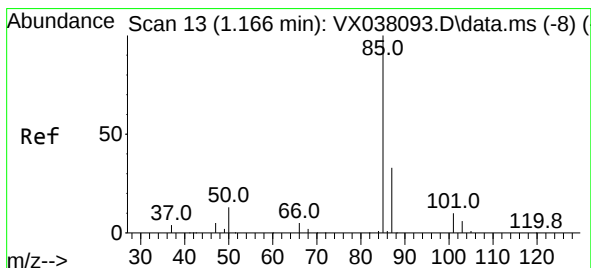
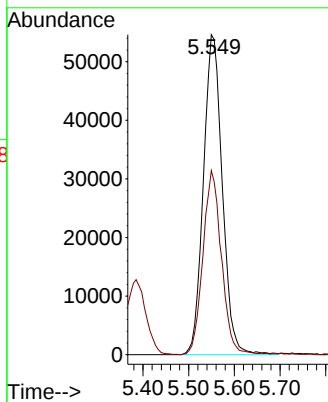
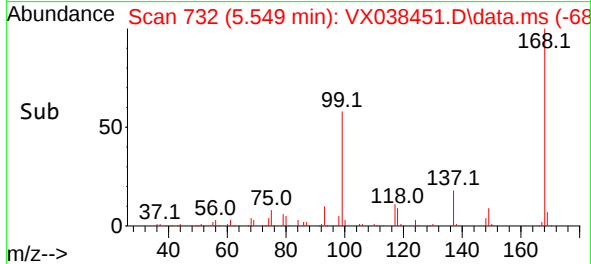
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion:168 Resp: 15698
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0

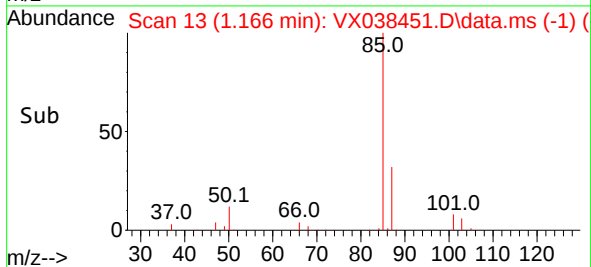
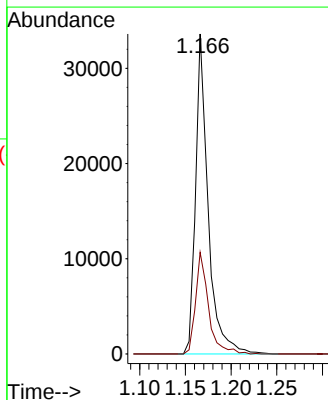
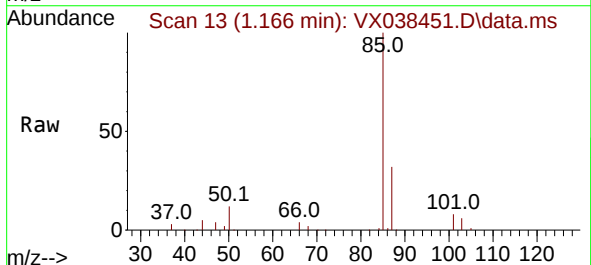
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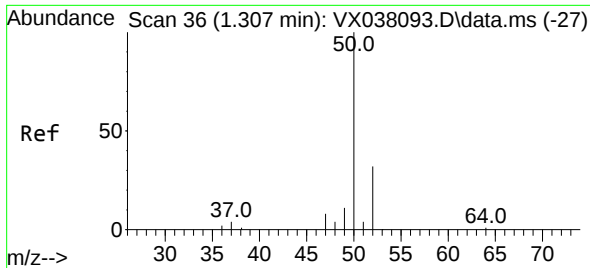
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 21.206 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 85 Resp: 32134
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





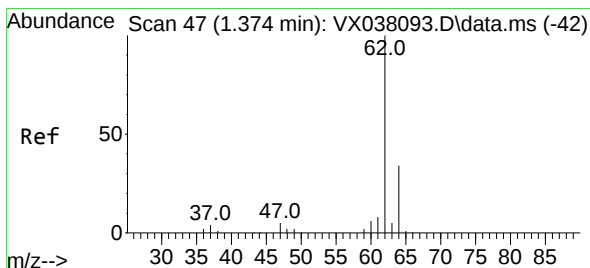
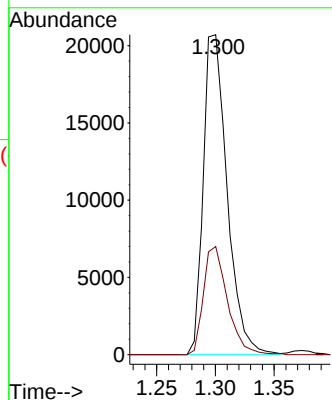
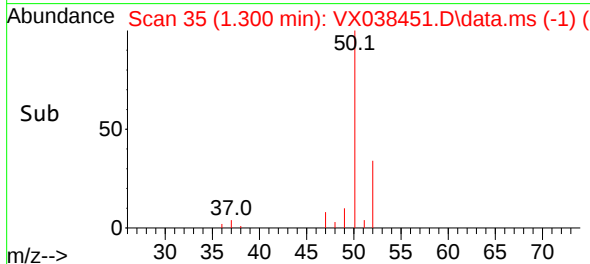
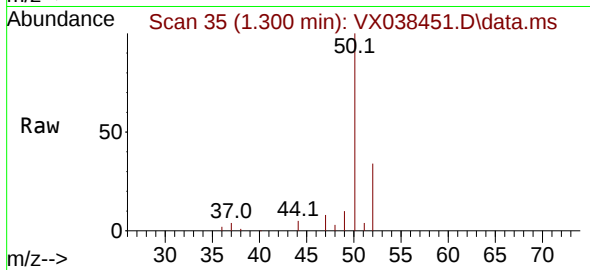
#3
Chloromethane
Concen: 18.979 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.001 min
Lab File: VX038451.D
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Tgt Ion: 50 Resp: 29312
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

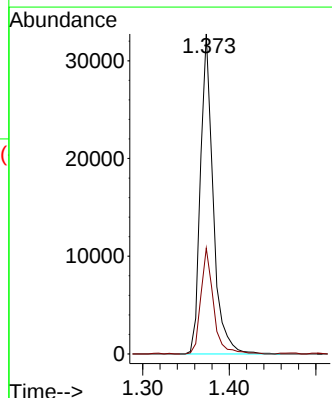
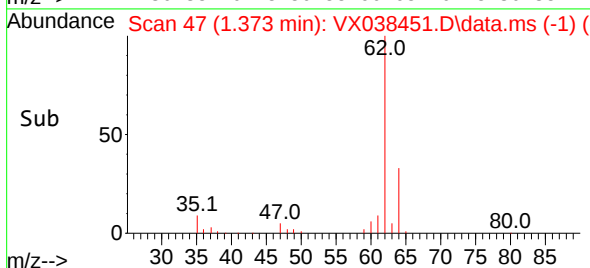
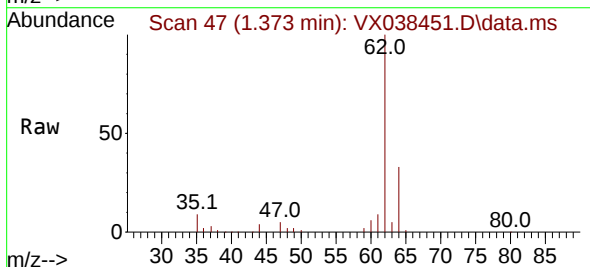
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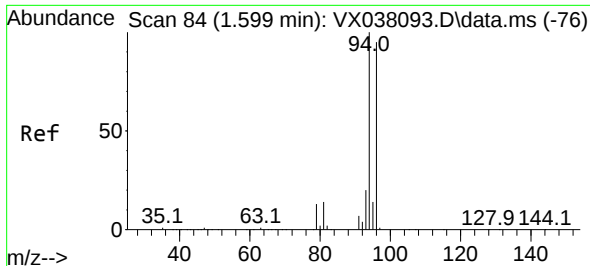
Reviewed By :John Carlone 10/25/2023
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#4
Vinyl Chloride
Concen: 19.495 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 62 Resp: 33383
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





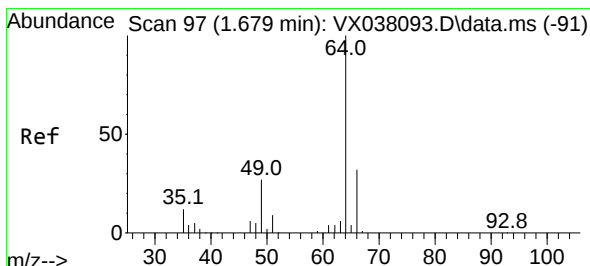
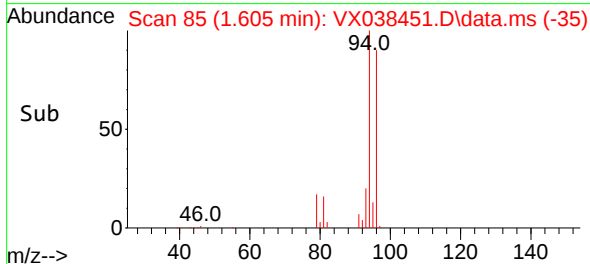
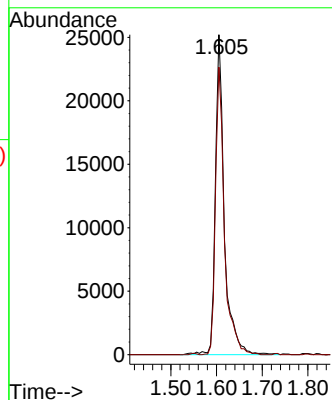
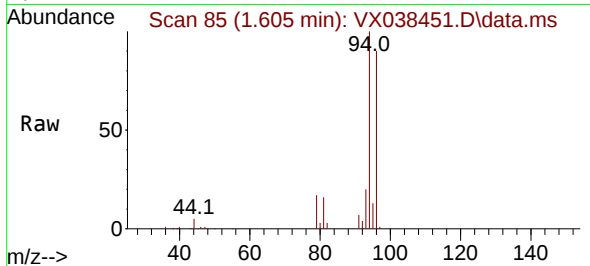
#5
Bromomethane
Concen: 14.719 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
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Tgt Ion: 94 Resp: 3445
Ion Ratio Lower Upper
94 100
96 89.8 74.6 111.8

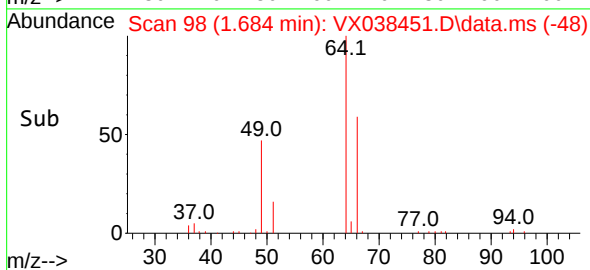
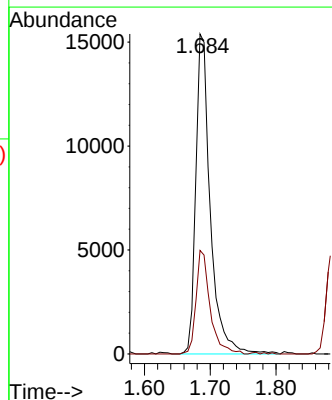
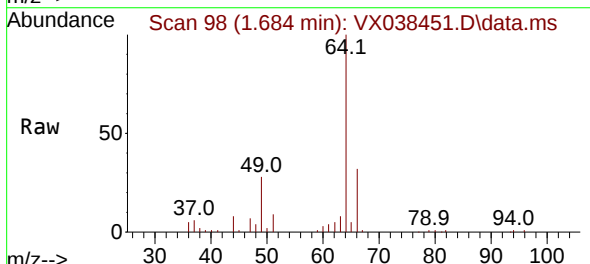
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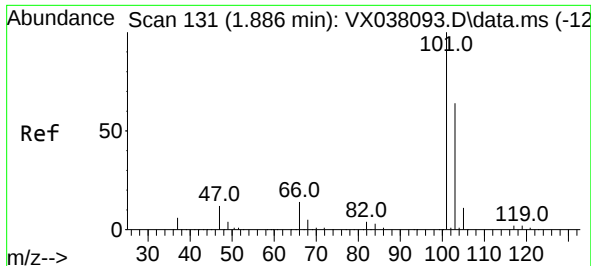
Reviewed By :John Carlone 10/25/2023
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#6
Chloroethane
Concen: 18.824 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038451.D
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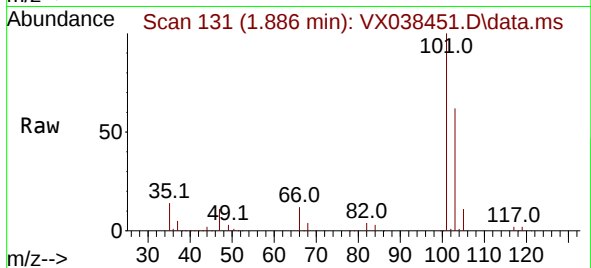
Tgt Ion: 64 Resp: 23543
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.928 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038451.D
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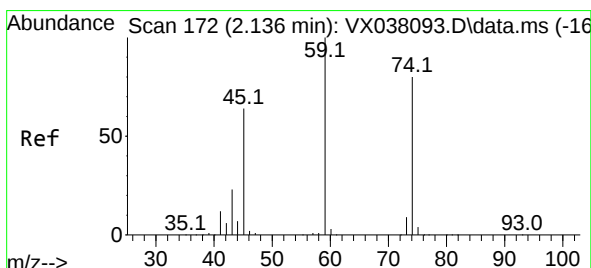
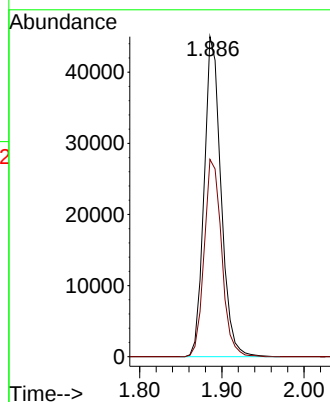
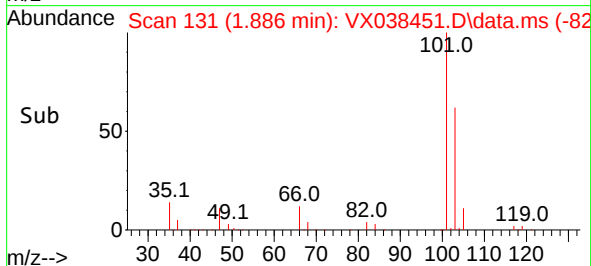
Instrument :
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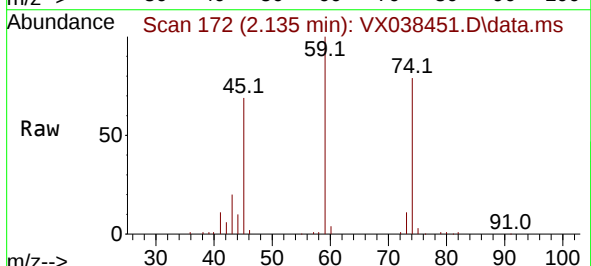
Tgt Ion:101 Resp: 64020
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.2

Manual Integrations
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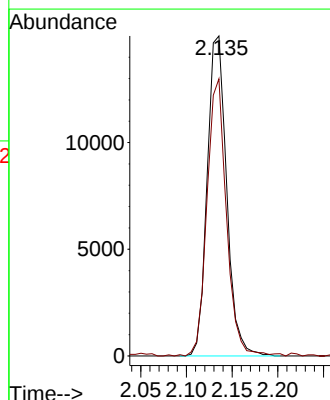
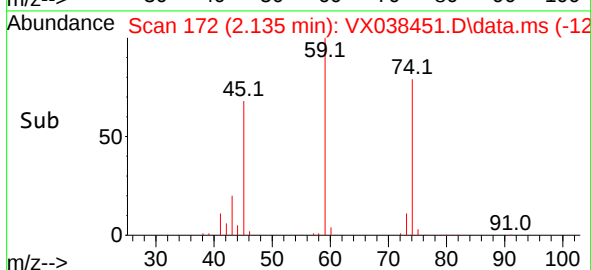
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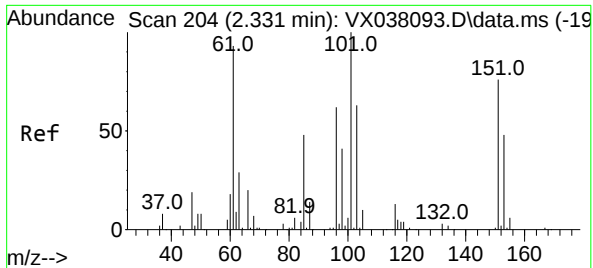


#8
Diethyl Ether
Concen: 17.552 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.005 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



Tgt Ion: 74 Resp: 22141
Ion Ratio Lower Upper
74 100
45 86.7 53.3 159.8





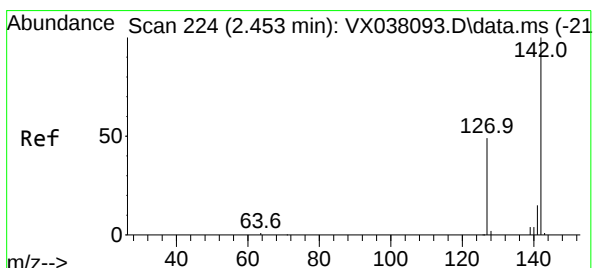
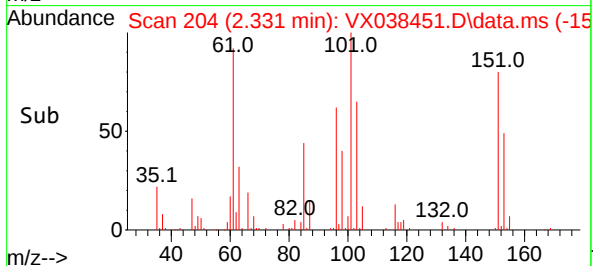
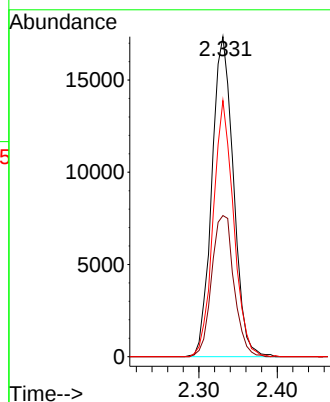
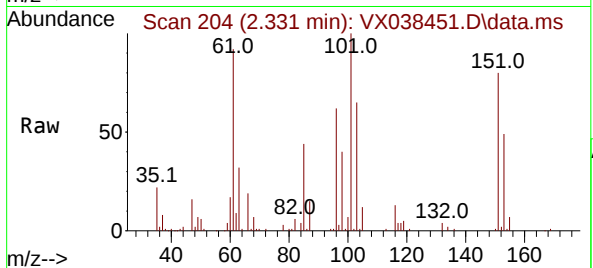
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.499 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion:101 Resp: 3322
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 75.8 58.6 87.8

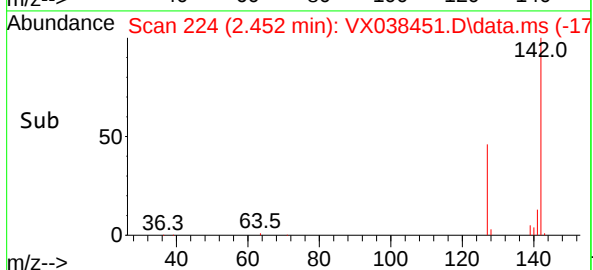
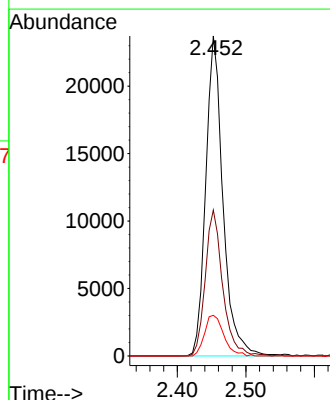
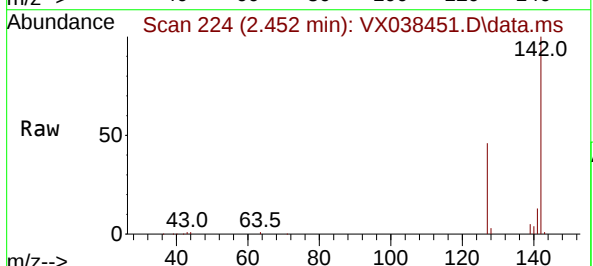
Manual Integrations
APPROVED

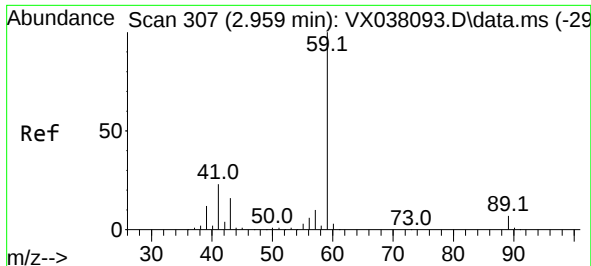
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 19.551 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion:142 Resp: 41537
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 14.2 11.6 17.4





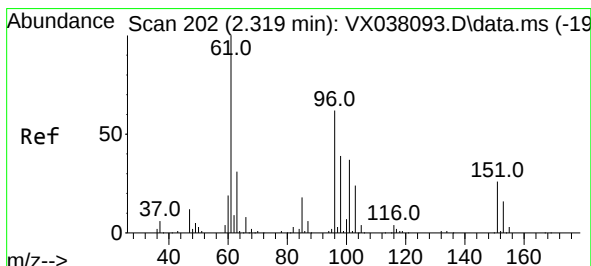
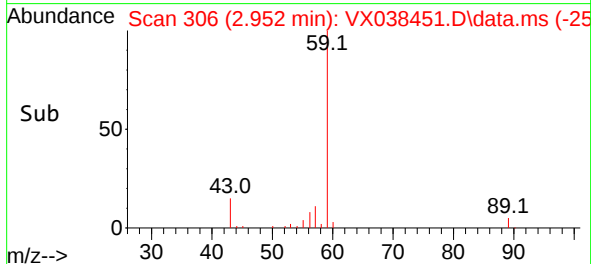
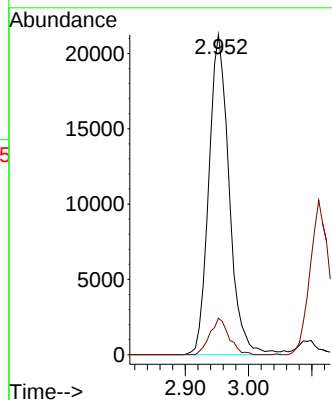
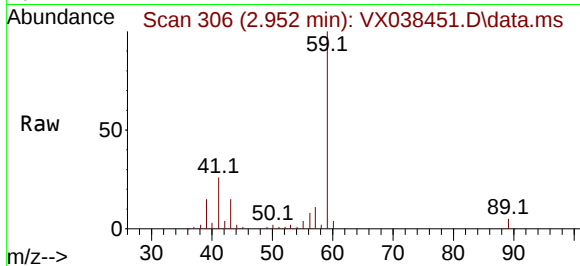
#11
Tert butyl alcohol
Concen: 77.600 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.007 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 59 Resp: 4751
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

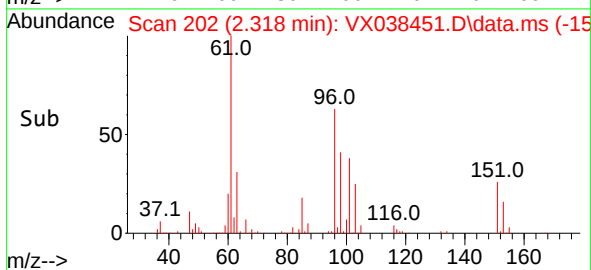
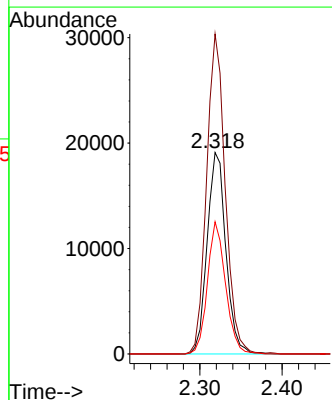
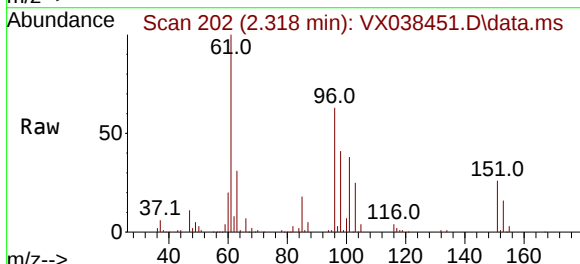
Manual Integrations
APPROVED

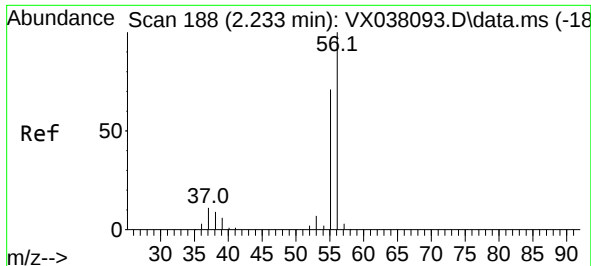
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1-Dichloroethene
Concen: 21.054 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

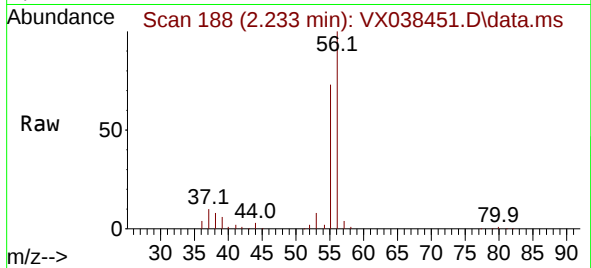
Tgt Ion: 96 Resp: 30240
Ion Ratio Lower Upper
96 100
61 158.9 144.6 216.8
98 65.6 50.4 75.6





#13
Acrolein
Concen: 104.571 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

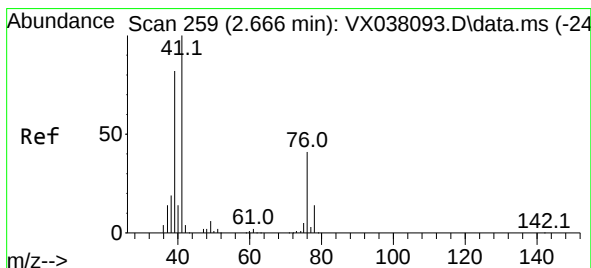
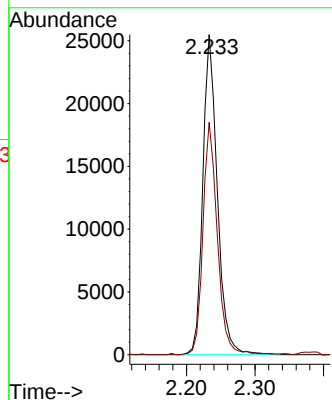
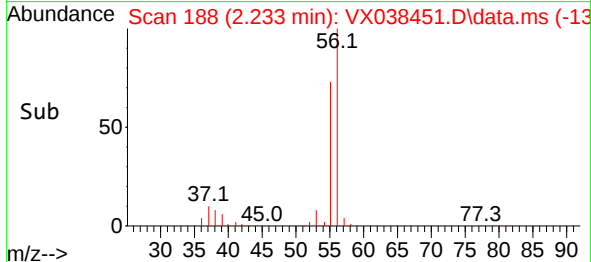
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 56 Resp: 3753
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

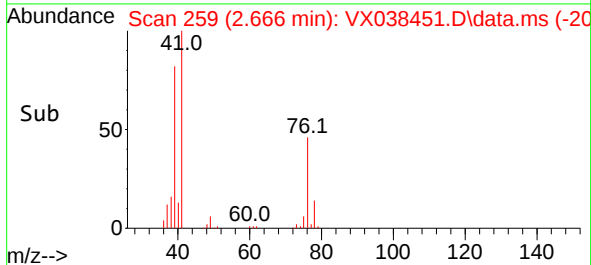
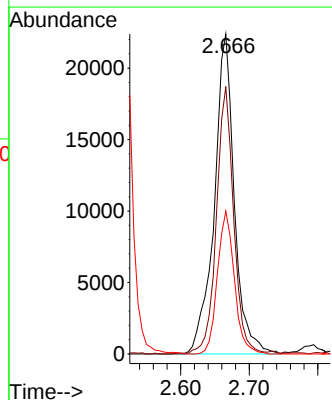
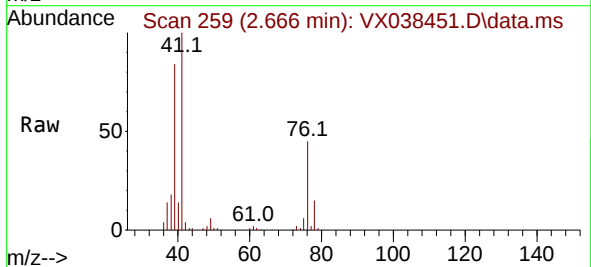
Manual Integrations
APPROVED

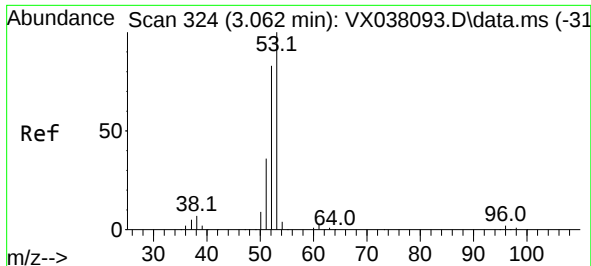
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#14
Allyl chloride
Concen: 17.760 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

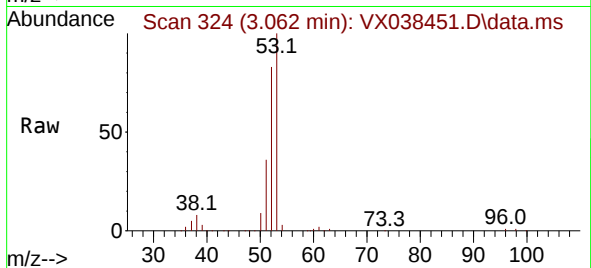
Tgt Ion: 41 Resp: 45626
Ion Ratio Lower Upper
41 100
39 72.1 55.8 83.6
76 37.6 24.3 36.5





#15
Acrylonitrile
Concen: 95.383 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

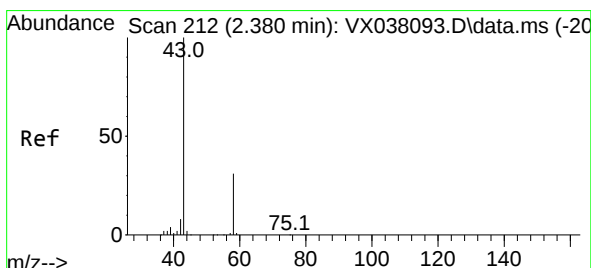
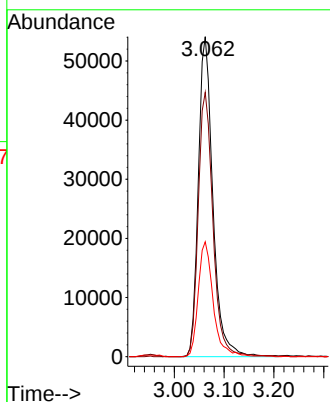
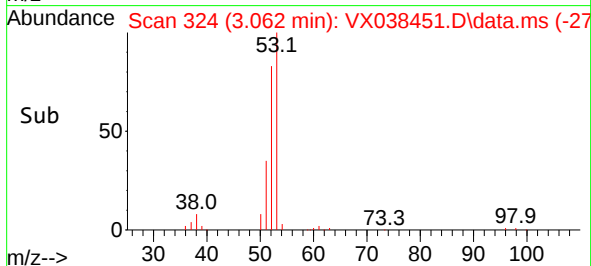
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 53 Resp: 10960
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.9 29.8 44.6

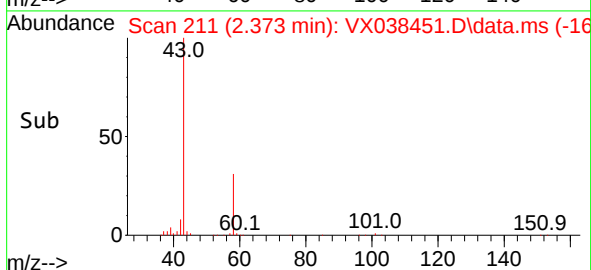
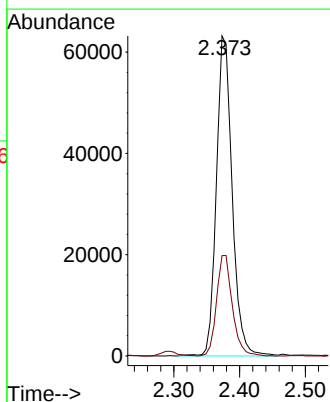
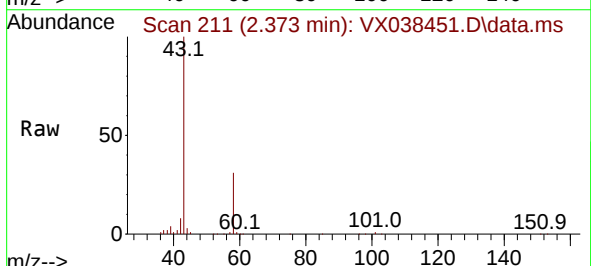
Manual Integrations
APPROVED

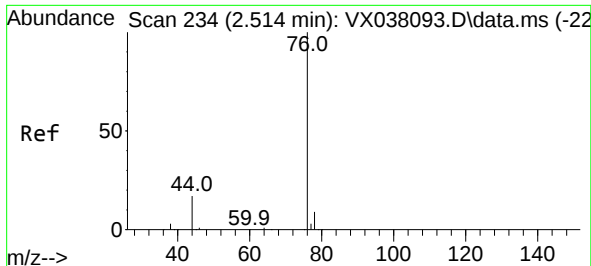
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#16
Acetone
Concen: 100.235 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 43 Resp: 105630
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





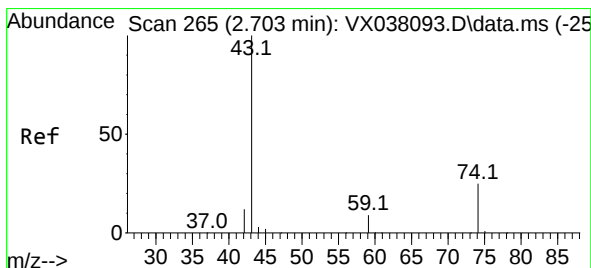
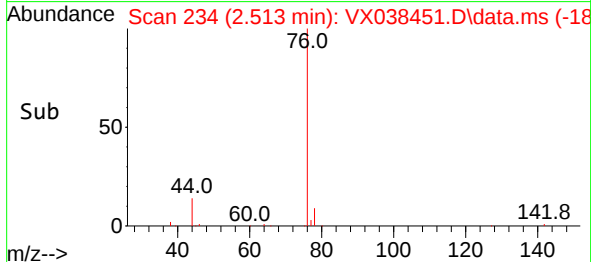
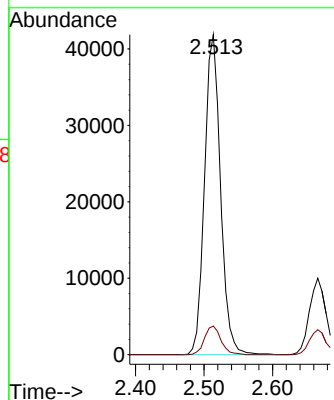
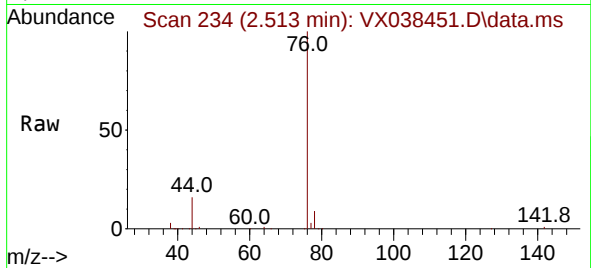
#17
Carbon Disulfide
Concen: 16.443 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 76 Resp: 68070
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

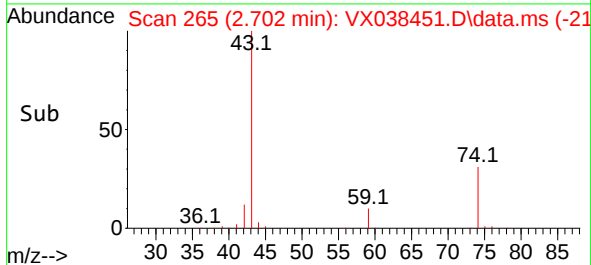
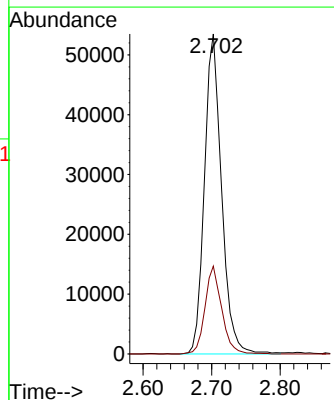
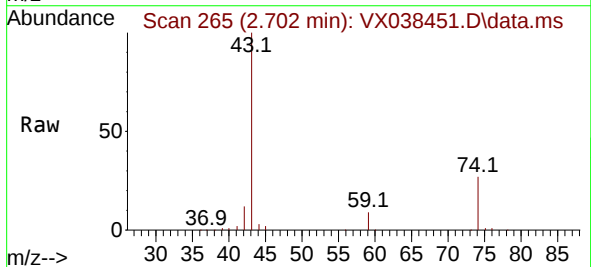
Manual Integrations
APPROVED

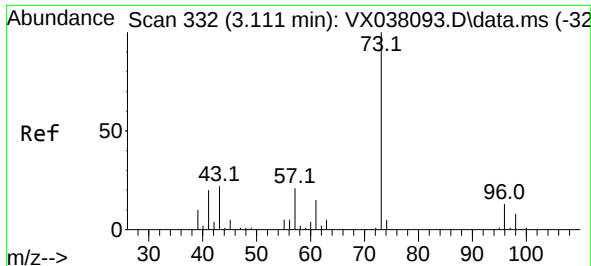
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 20.611 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

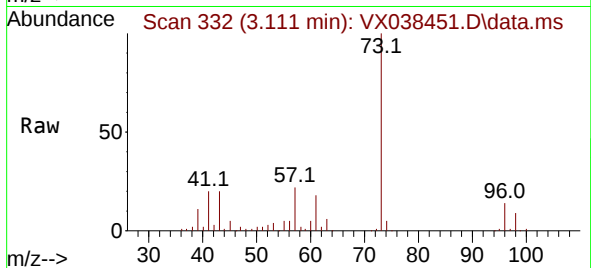
Tgt Ion: 43 Resp: 93144
Ion Ratio Lower Upper
43 100
74 26.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.109 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

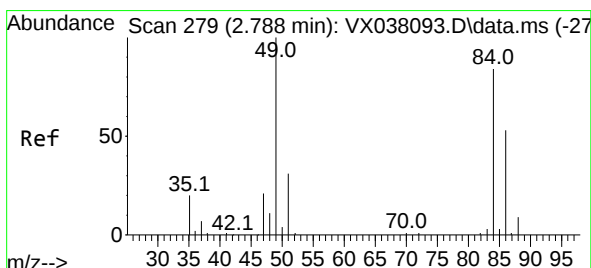
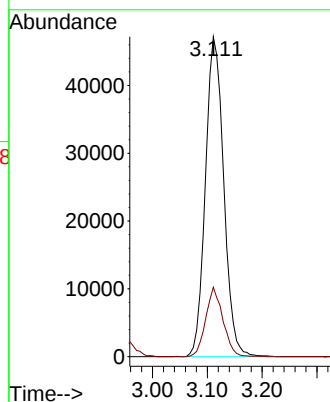
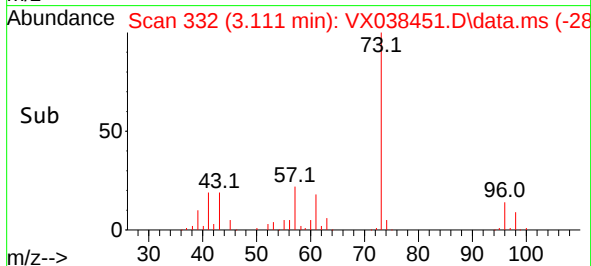
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 73 Resp: 109309
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

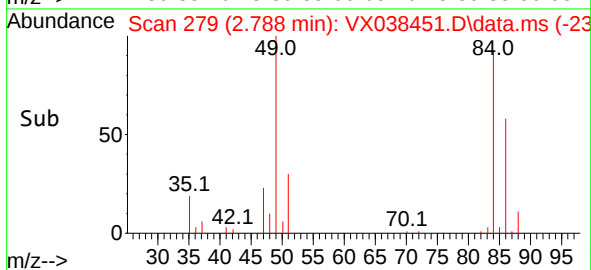
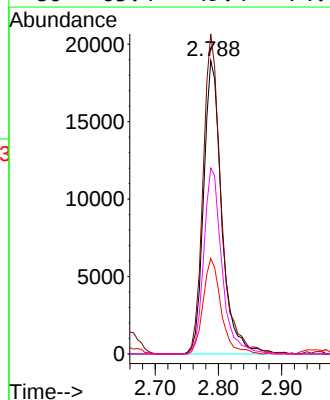
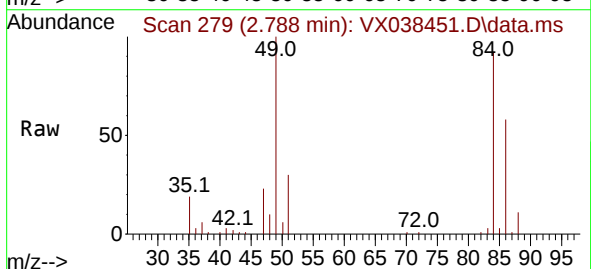
Manual Integrations
APPROVED

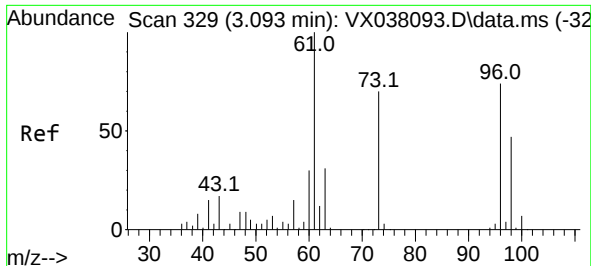
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 19.019 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

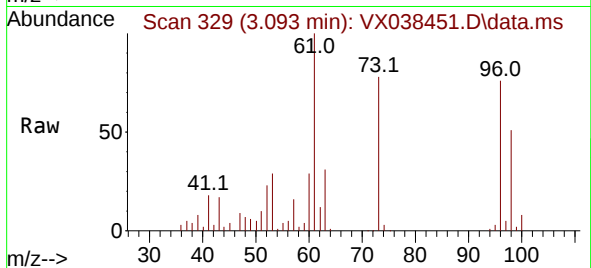
Tgt Ion: 84 Resp: 37701
Ion Ratio Lower Upper
84 100
49 109.1 103.6 155.4
51 32.5 33.8 50.6#
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.374 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

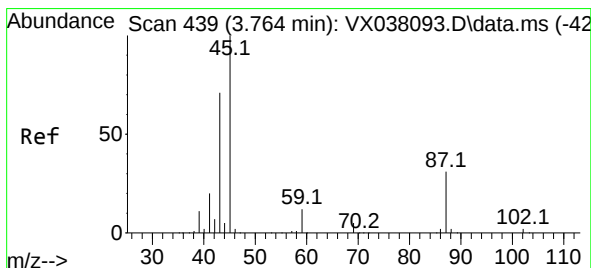
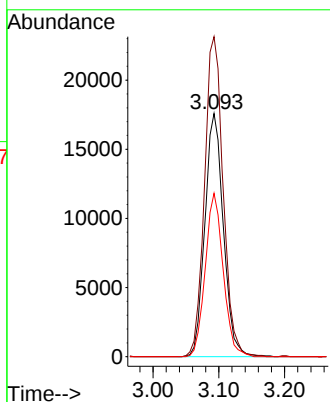
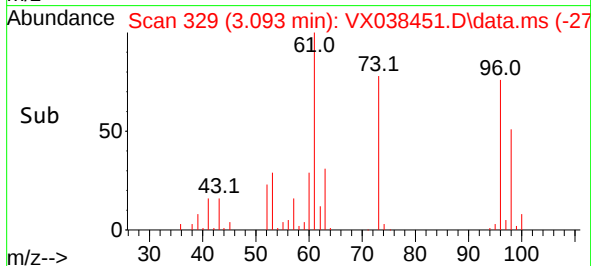
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



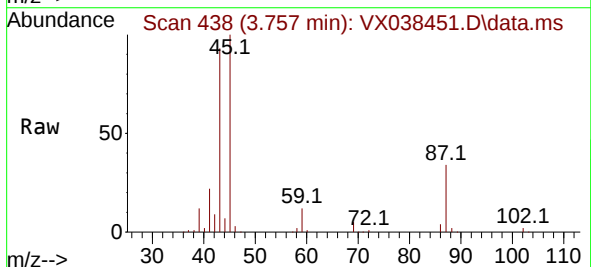
Tgt Ion: 96 Resp: 3445
Ion Ratio Lower Upper
96 100
61 131.6 119.2 178.8
98 67.2 48.7 73.1

Manual Integrations
APPROVED

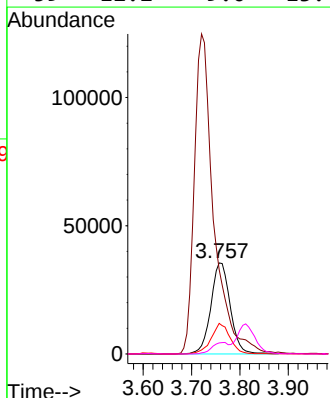
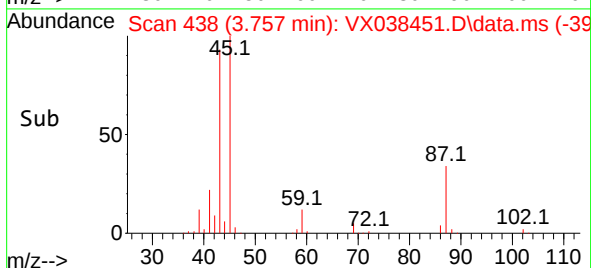
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

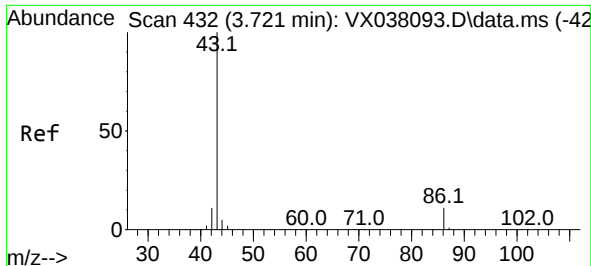


#22
Diisopropyl ether
Concen: 18.324 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



Tgt Ion: 45 Resp: 98664
Ion Ratio Lower Upper
45 100
43 92.5 69.7 104.5
87 33.6 20.8 31.2#
59 12.2 9.0 13.4





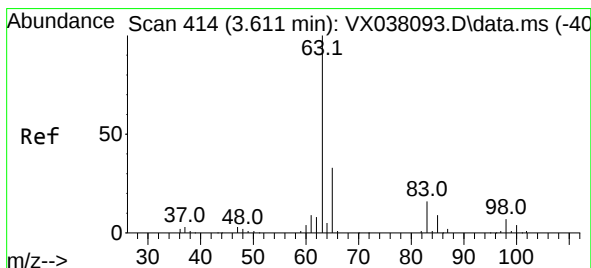
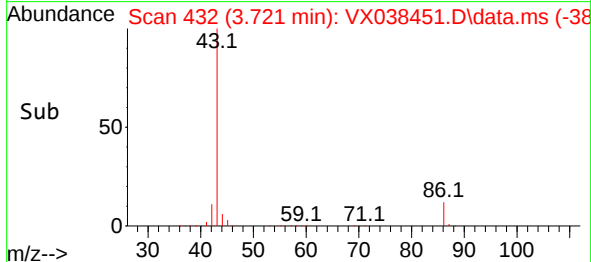
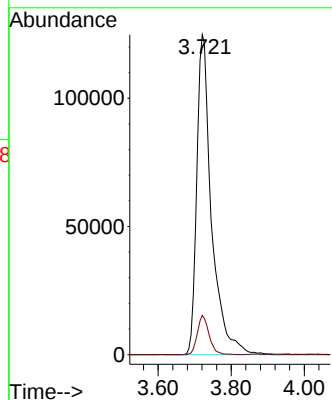
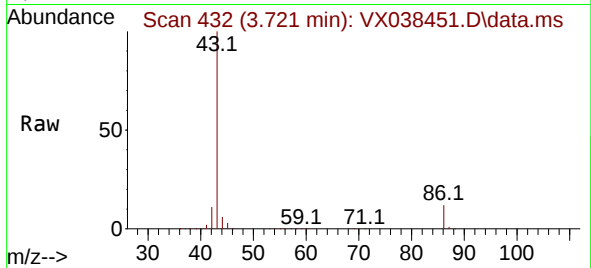
#23
 Vinyl Acetate
 Concen: 88.984 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01

Tgt Ion: 43 Resp: 35136
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

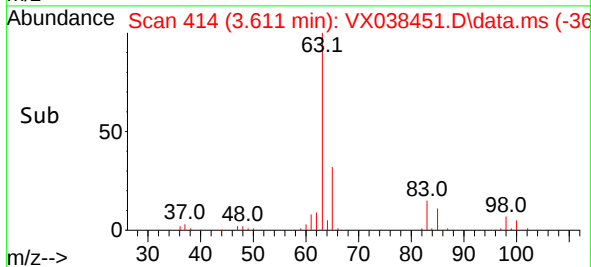
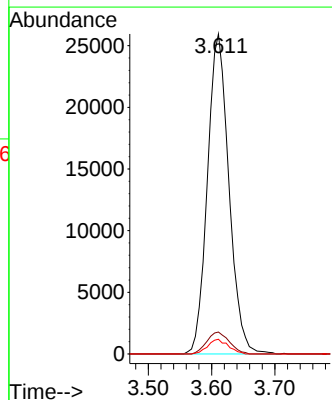
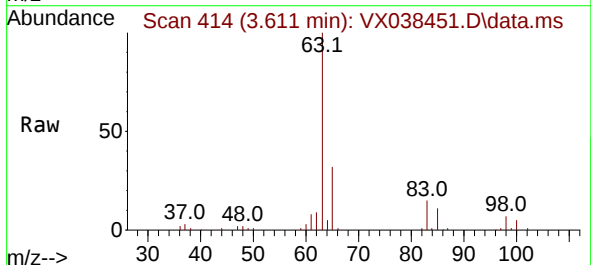
Manual Integrations
 APPROVED

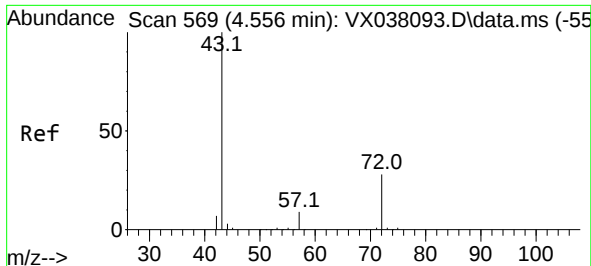
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#24
 1,1-Dichloroethane
 Concen: 18.734 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

Tgt Ion: 63 Resp: 61216
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 92.536 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 43 Resp: 15734

Ion Ratio Lower Upper

43 100

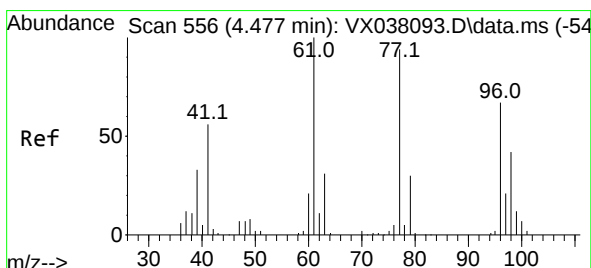
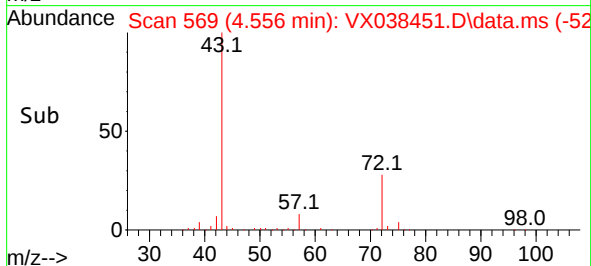
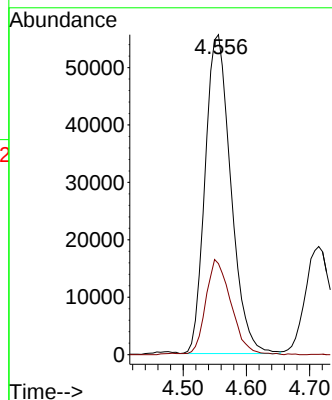
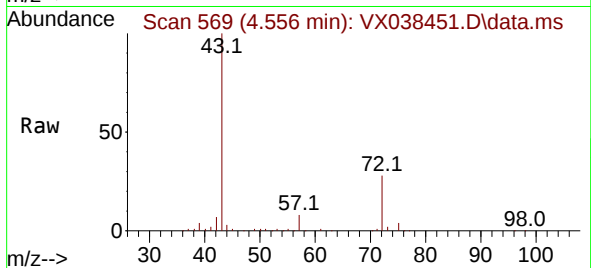
72 28.4 19.4 29.2

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#26

2,2-Dichloropropane

Concen: 18.621 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038451.D

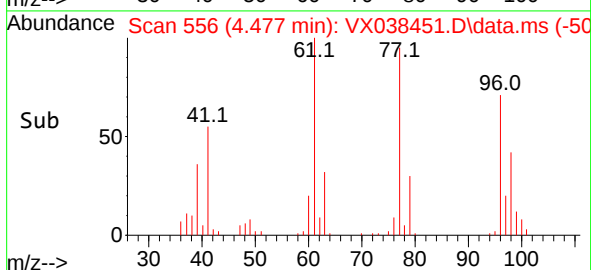
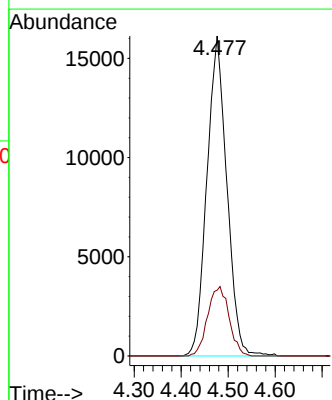
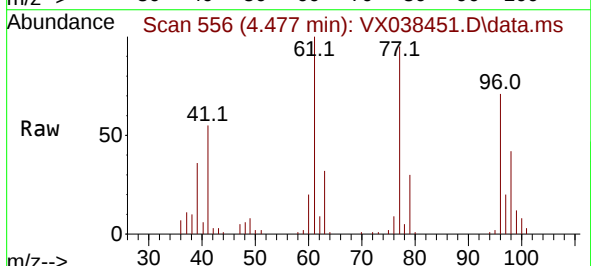
Acq: 24 Oct 2023 13:02

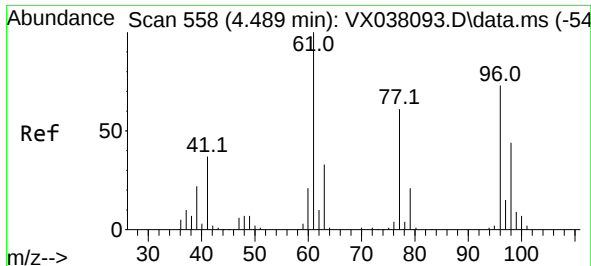
Tgt Ion: 77 Resp: 47505

Ion Ratio Lower Upper

77 100

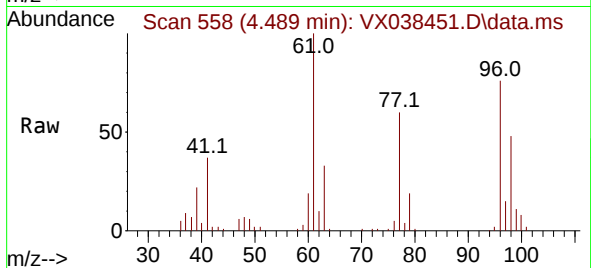
97 23.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.634 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

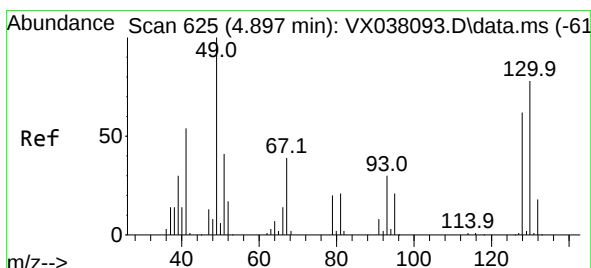
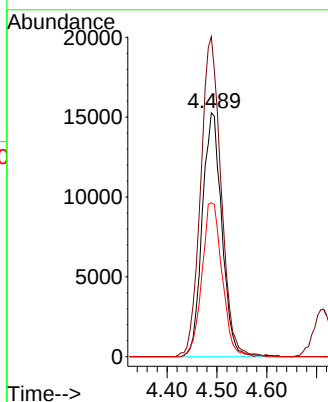
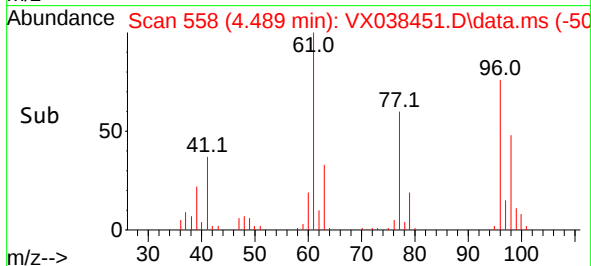
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01



Tgt Ion: 96 Resp: 41584
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 312.2
 98 65.0 0.0 129.0

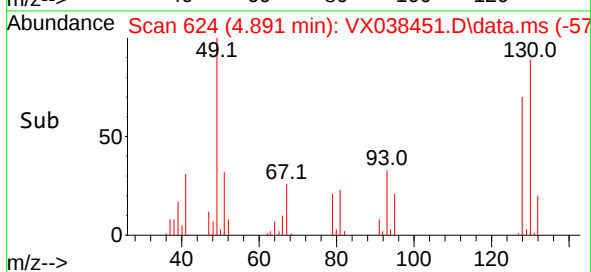
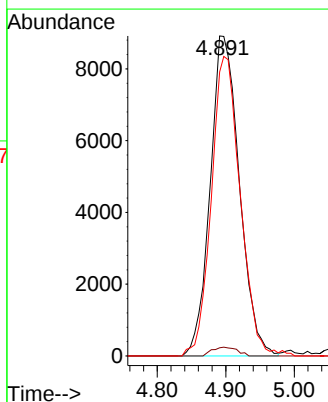
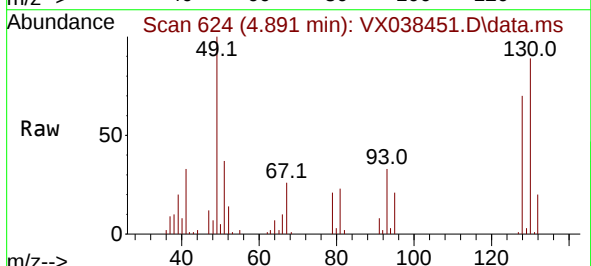
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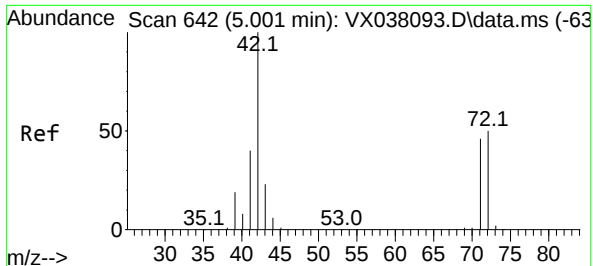
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#28
 Bromochloromethane
 Concen: 17.896 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

Tgt Ion: 49 Resp: 26398
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 92.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 87.505 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX038451.D

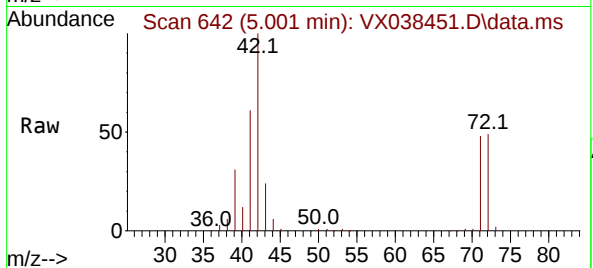
Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01



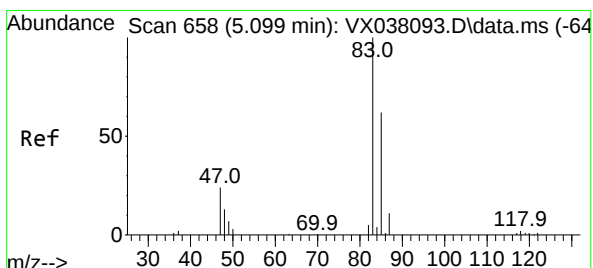
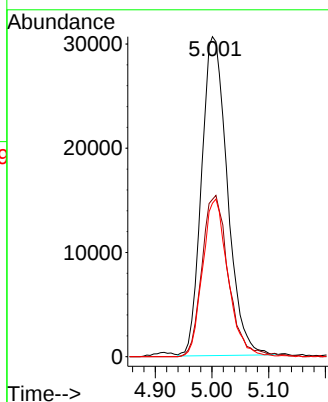
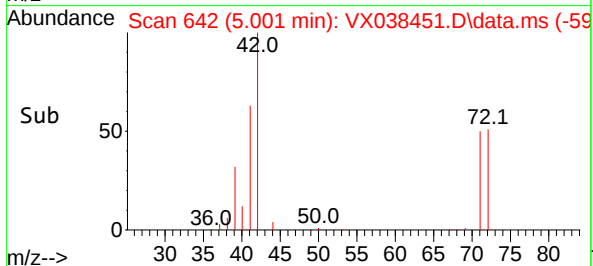
Tgt Ion:	42	Resp:	96870
Ion	Ratio	Lower	Upper
42	100		
72	52.0	34.2	51.4
71	48.6	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 19.610 ug/l

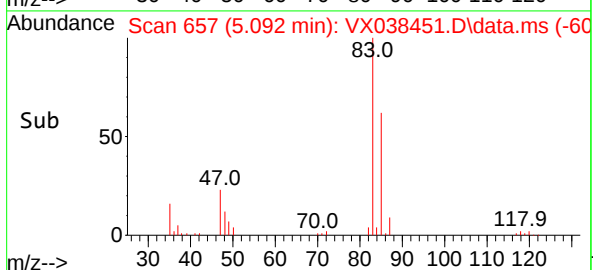
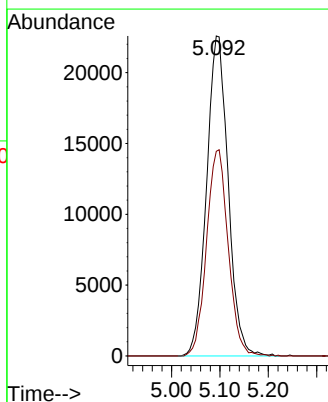
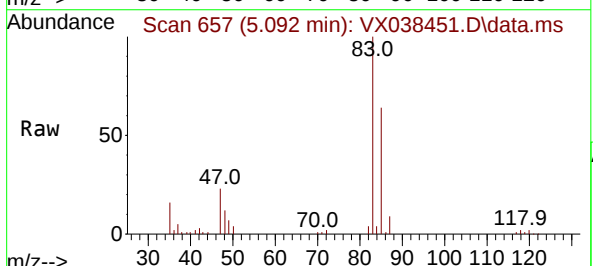
RT: 5.092 min Scan# 657

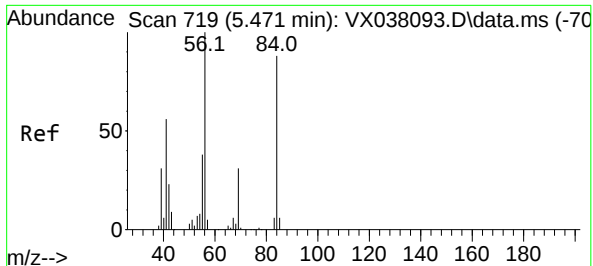
Delta R.T. -0.001 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

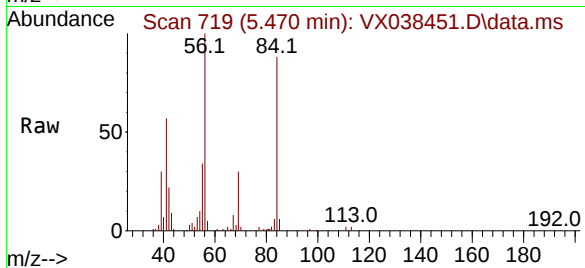
Tgt Ion:	83	Resp:	70071
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





#31
Cyclohexane
Concen: 17.384 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

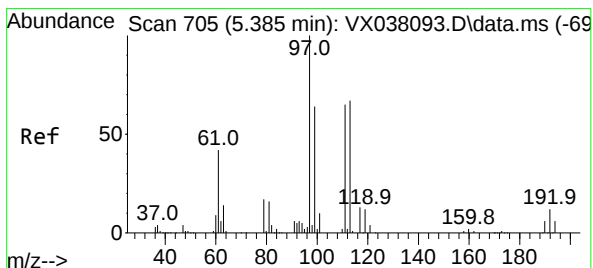
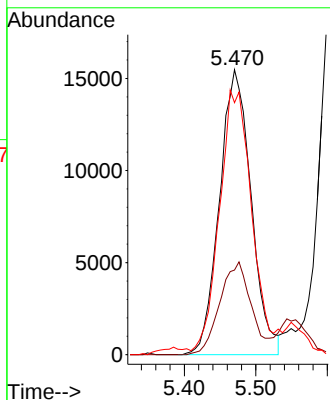
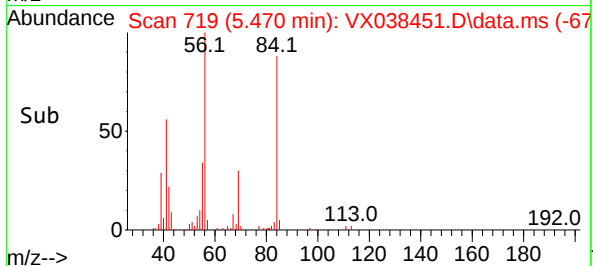
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 56 Resp: 47559
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 86.5 65.9 98.9

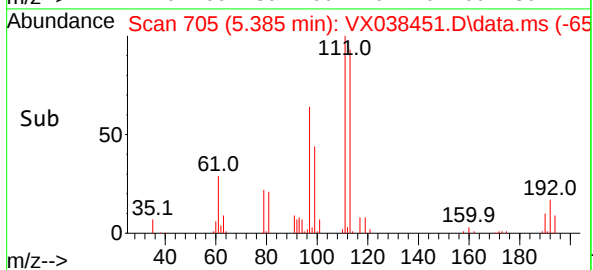
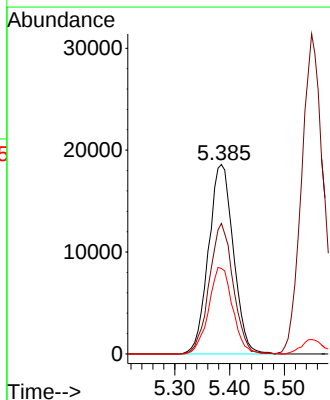
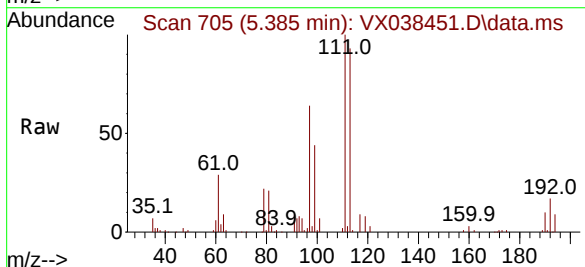
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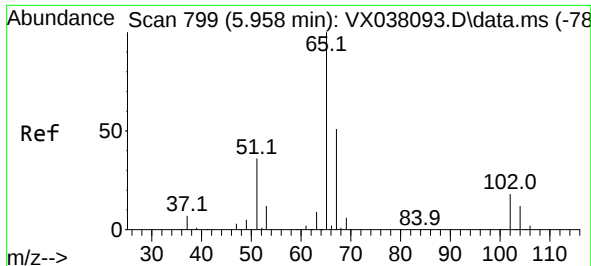
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#32
1,1,1-Trichloroethane
Concen: 19.135 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 97 Resp: 58566
Ion Ratio Lower Upper
97 100
99 66.3 51.1 76.7
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 37.597 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 65 Resp: 94938

Ion Ratio Lower Upper

65 100

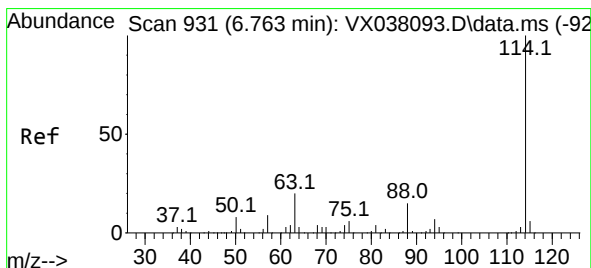
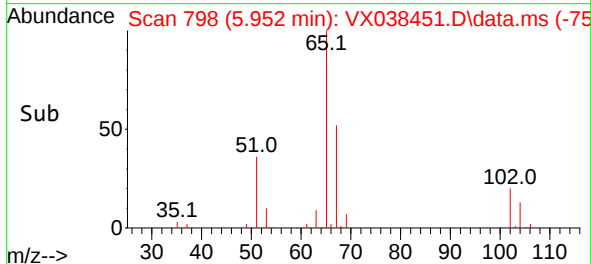
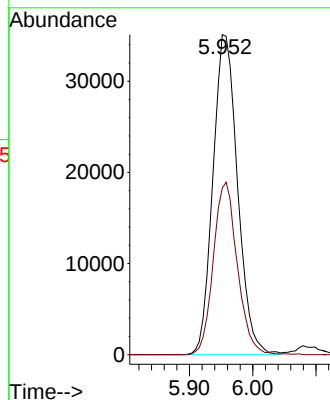
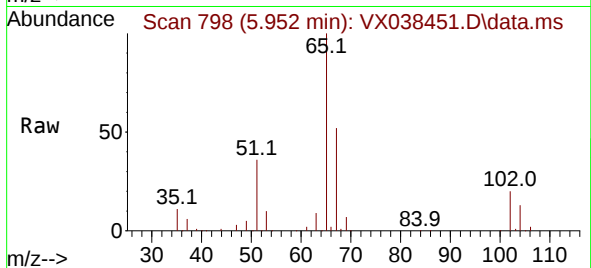
67 52.4 0.0 100.2

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

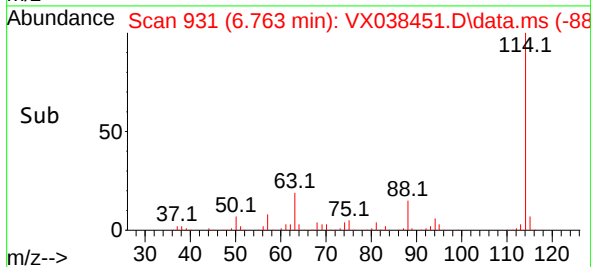
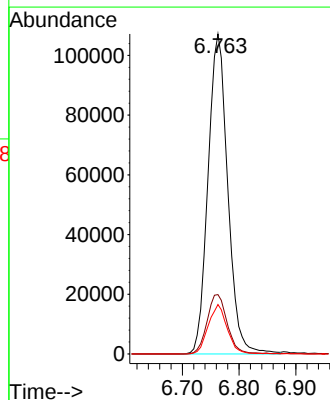
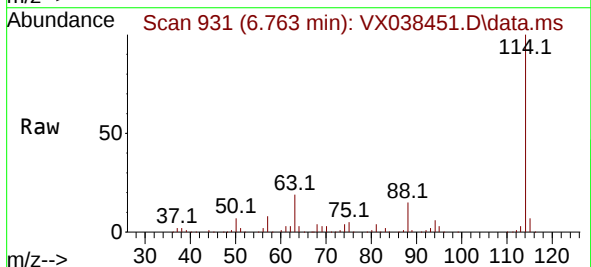
Tgt Ion:114 Resp: 259239

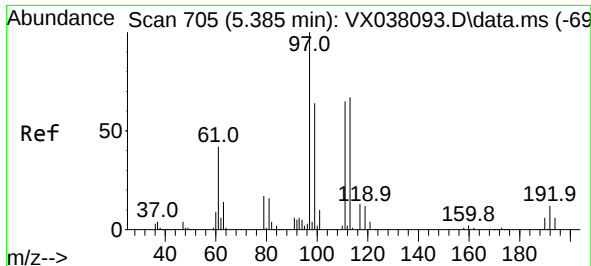
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

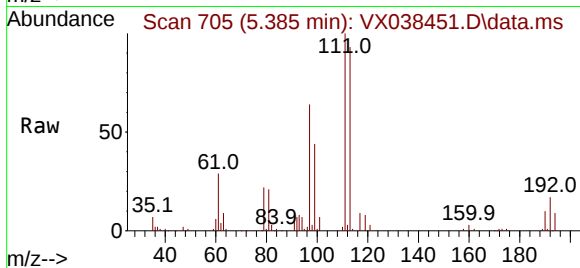
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 43.411 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

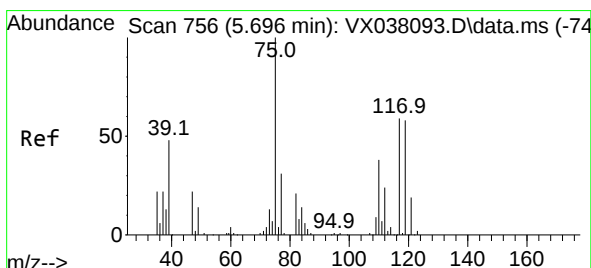
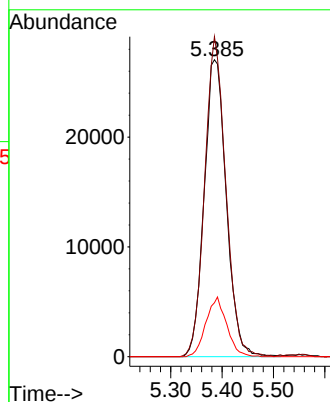
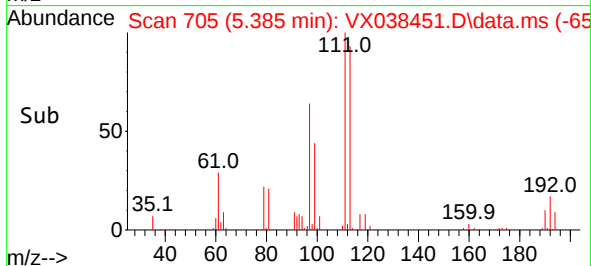
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion:113 Resp: 8109
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.8 13.3 19.9

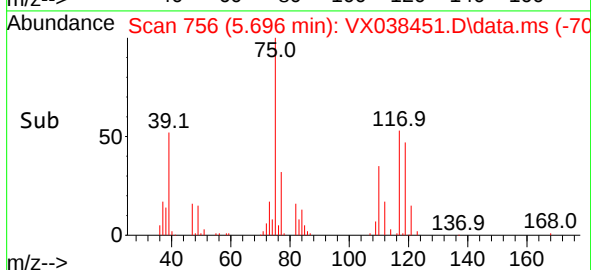
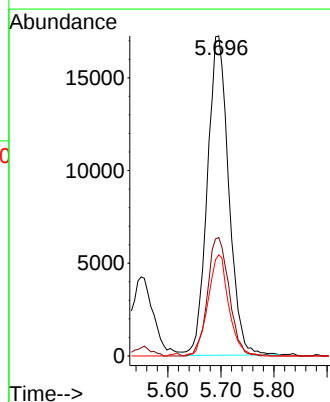
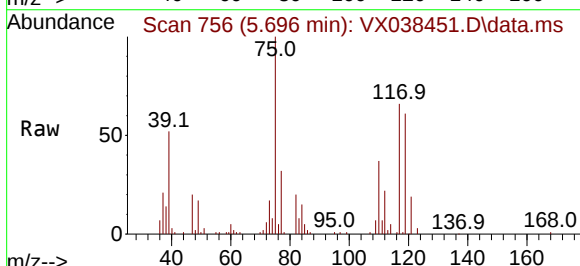
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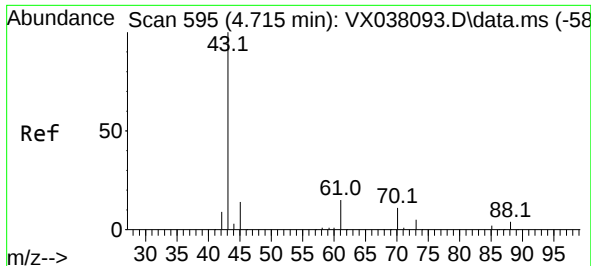
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
1,1-Dichloropropene
Concen: 18.715 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 75 Resp: 48207
Ion Ratio Lower Upper
75 100
110 37.3 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 17.732 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 43 Resp: 54240

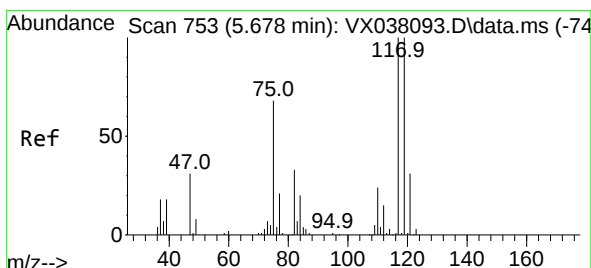
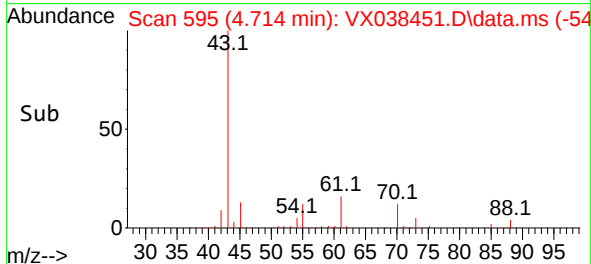
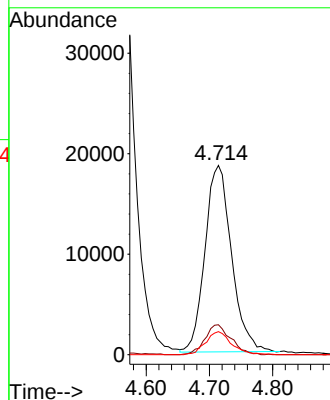
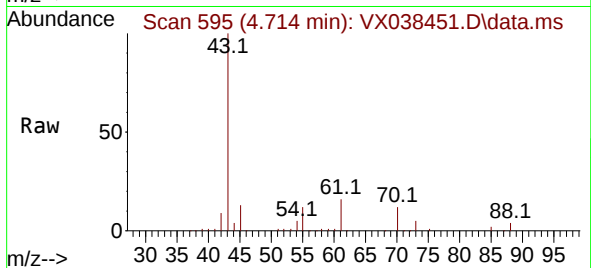
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.6	16.0
70	12.0	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

Carbon Tetrachloride

Concen: 19.953 ug/l

RT: 5.678 min Scan# 753

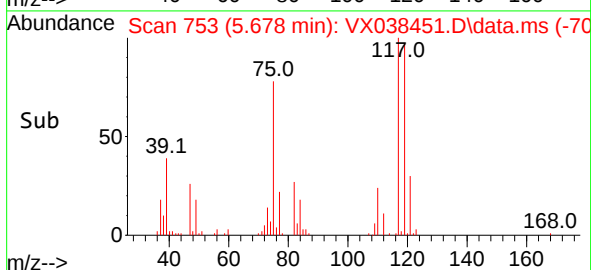
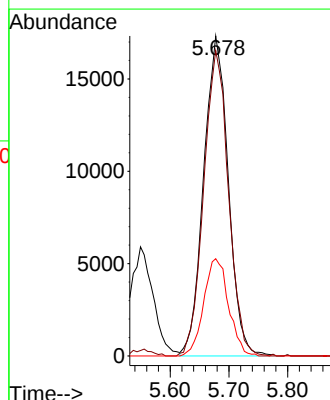
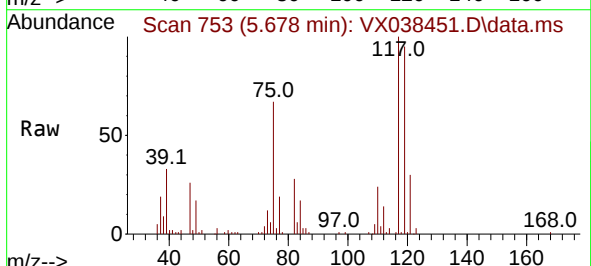
Delta R.T. -0.000 min

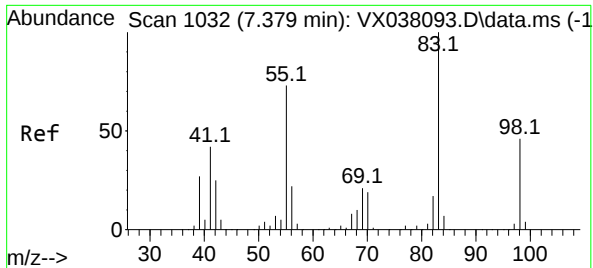
Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion:117 Resp: 50561

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.2
121	30.4	24.4	36.6





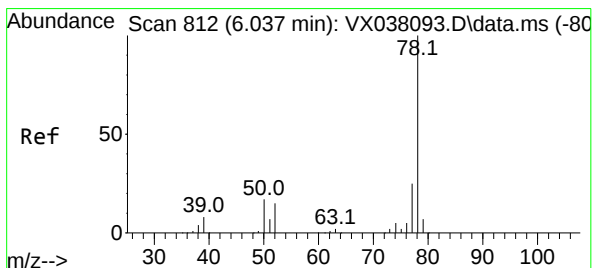
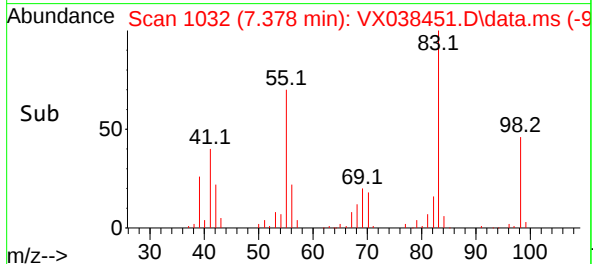
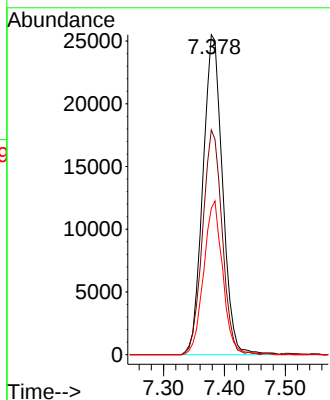
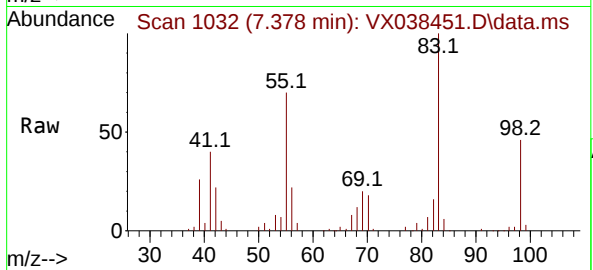
#39
Methylcyclohexane
Concen: 18.930 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 83 Resp: 5711
Ion Ratio Lower Upper
83 100
55 70.2 64.6 97.0
98 45.7 36.7 55.1

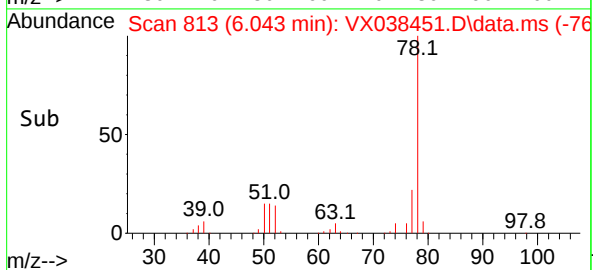
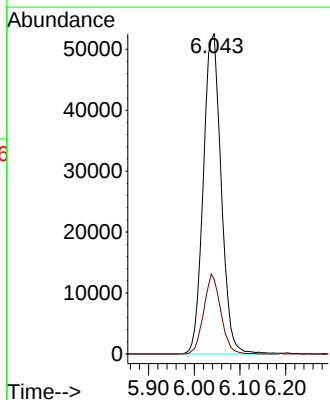
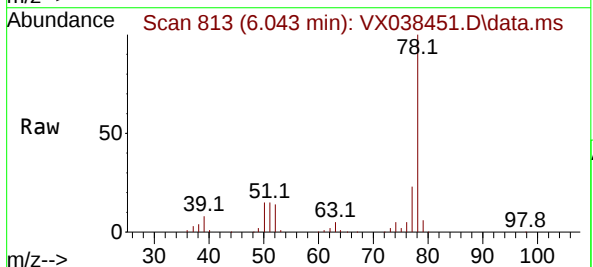
Manual Integrations
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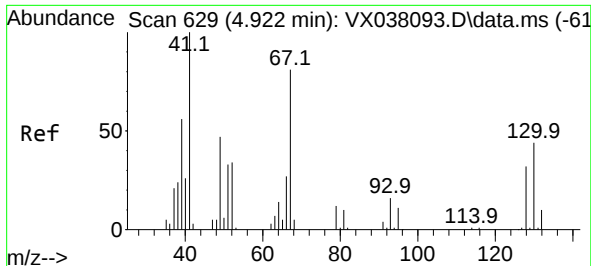
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#40
Benzene
Concen: 19.811 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

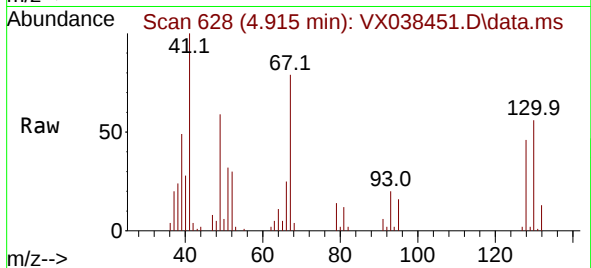
Tgt Ion: 78 Resp: 142731
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 18.389 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

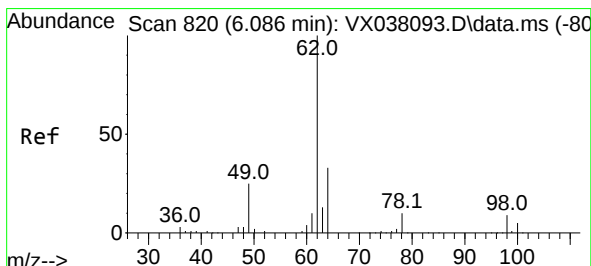
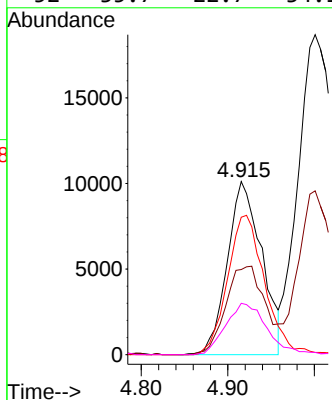
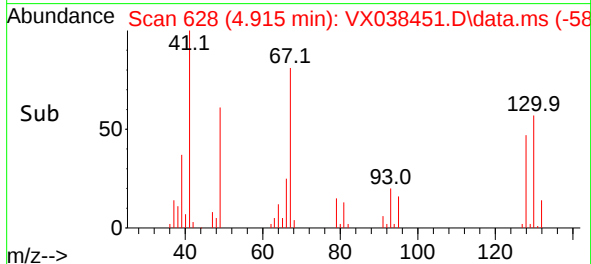
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 41 Resp: 27980
Ion Ratio Lower Upper
41 100
39 58.2 45.2 67.8
67 87.1 52.6 78.8
52 35.7 22.7 34.1#

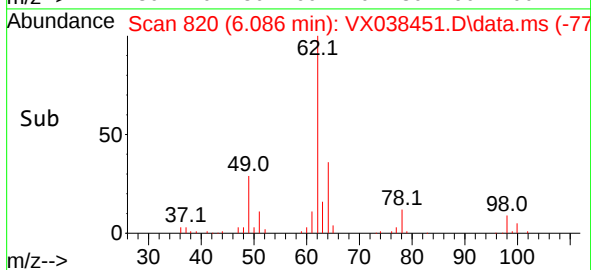
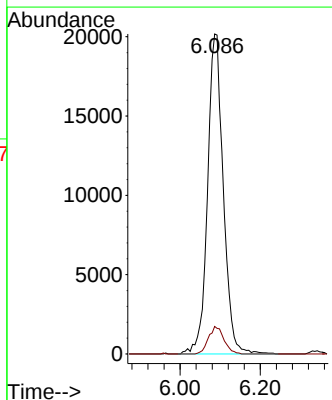
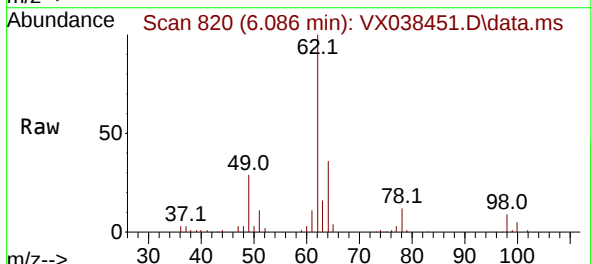
Manual Integrations
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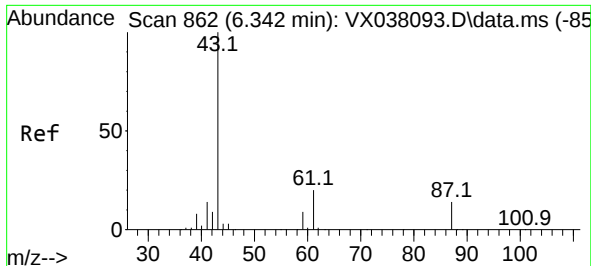
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
1,2-Dichloroethane
Concen: 19.056 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 62 Resp: 54852
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.285 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

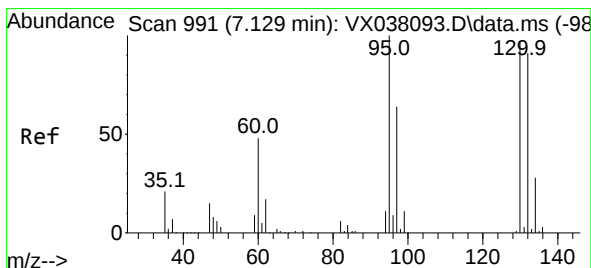
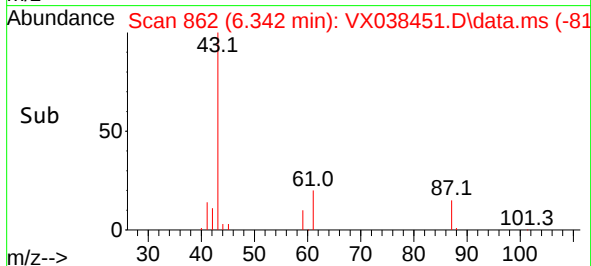
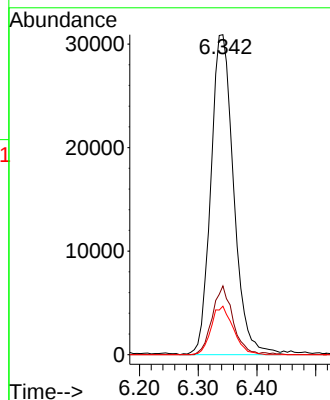
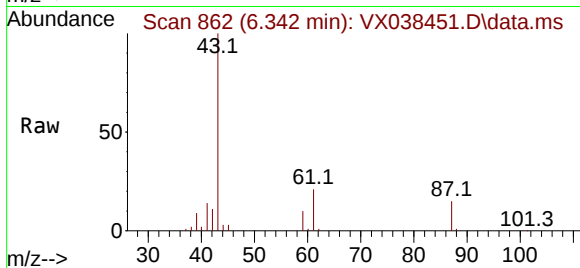
Tgt Ion: 43	Resp: 8350
Ion Ratio	Lower Upper
43 100	
61 19.7	15.2 22.8
87 14.7	9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Trichloroethene

Concen: 21.361 ug/l

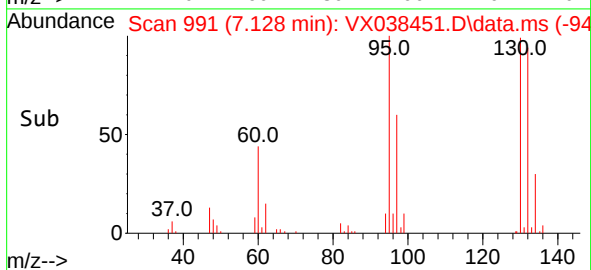
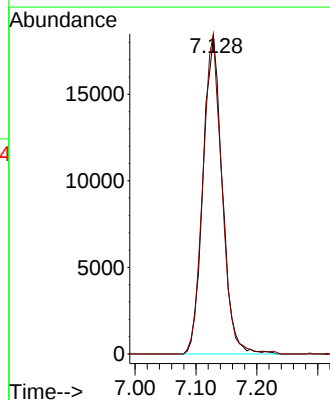
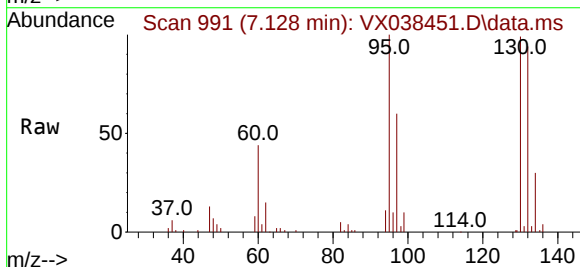
RT: 7.128 min Scan# 991

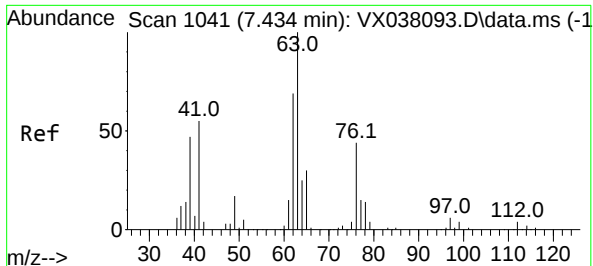
Delta R.T. -0.001 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion:130	Resp: 40253
Ion Ratio	Lower Upper
130 100	
95 100.9	0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.219 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 63 Resp: 3583

Ion Ratio Lower Upper

63 100

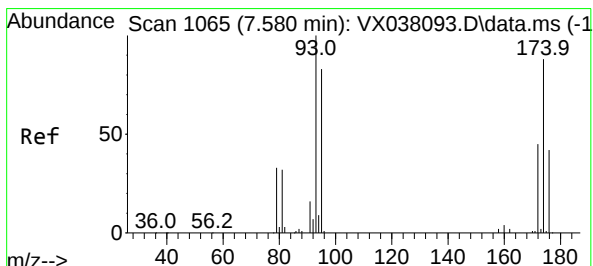
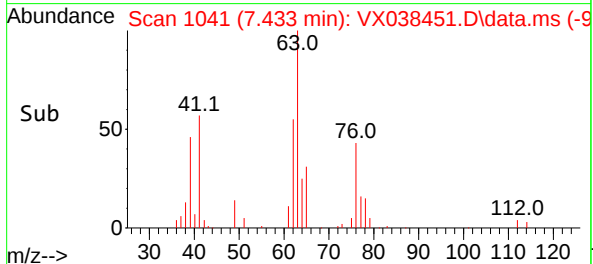
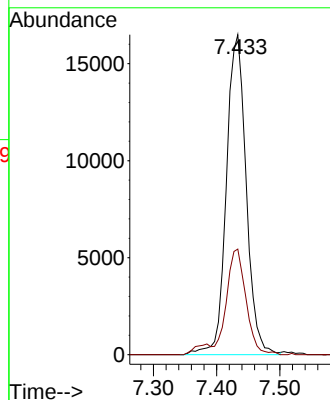
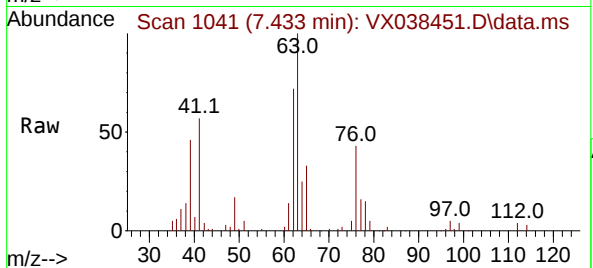
65 33.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

Dibromomethane

Concen: 20.121 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

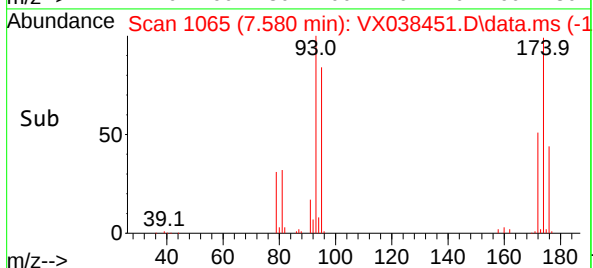
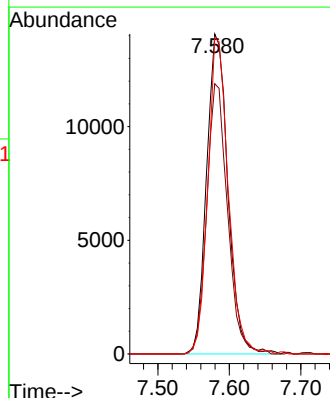
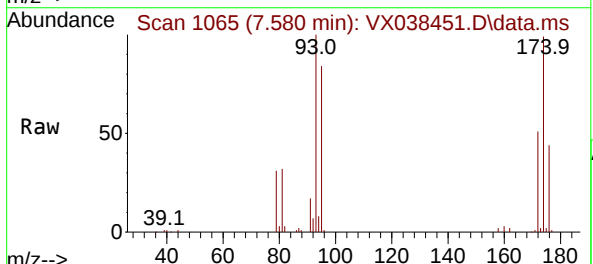
Tgt Ion: 93 Resp: 29100

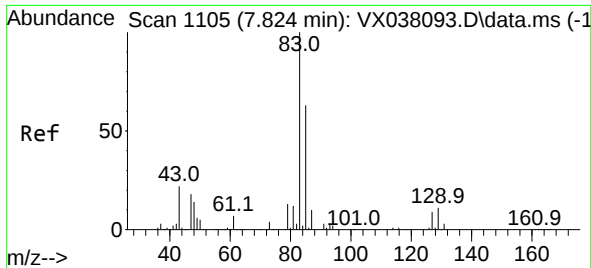
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 95.1 69.4 104.0





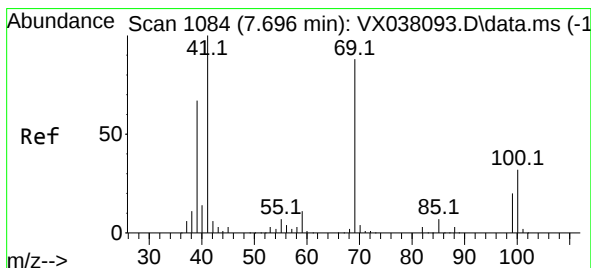
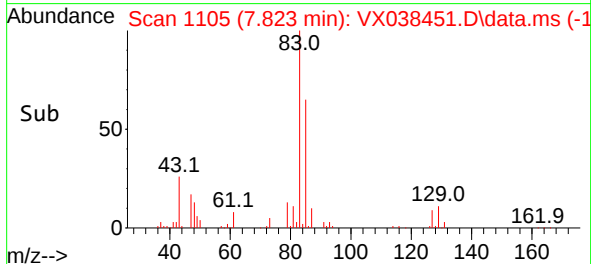
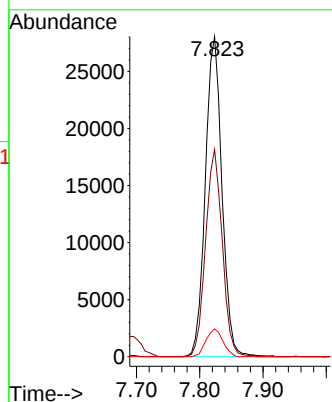
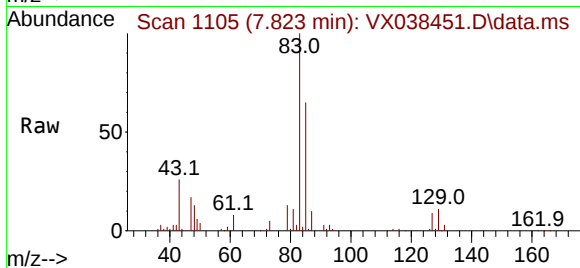
#47
Bromodichloromethane
Concen: 19.985 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 83 Resp: 5141
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 8.6 7.1 10.7

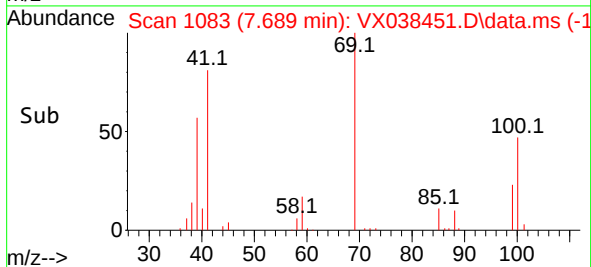
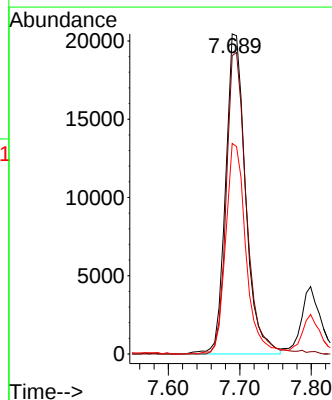
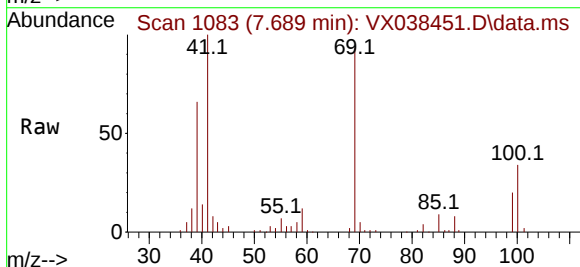
Manual Integrations
APPROVED

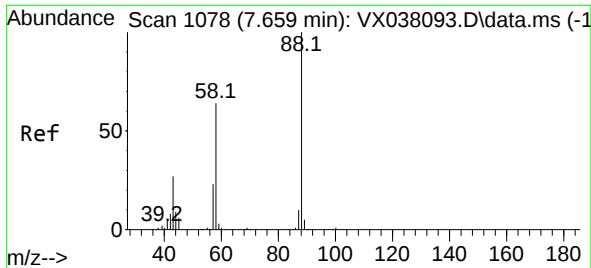
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 18.236 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 41 Resp: 39757
Ion Ratio Lower Upper
41 100
69 94.7 59.2 88.8#
39 66.8 47.7 71.5





#49

1,4-Dioxane

Concen: 370.184 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 88 Resp: 1988

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0

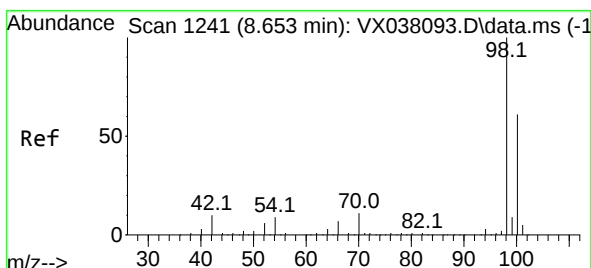
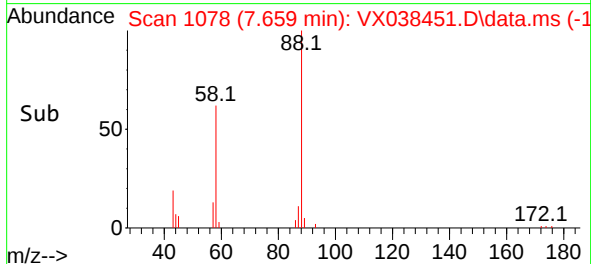
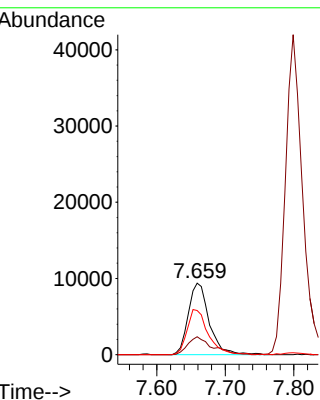
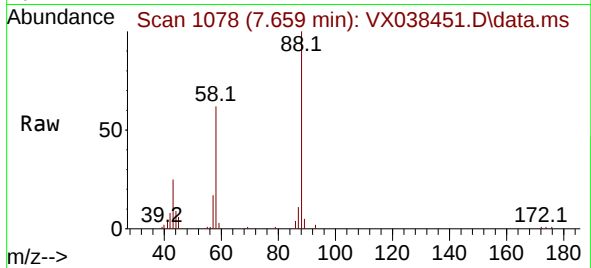
58 62.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 40.058 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038451.D

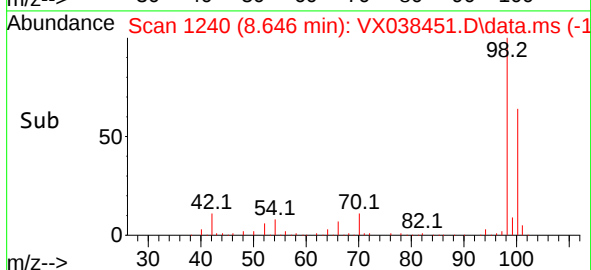
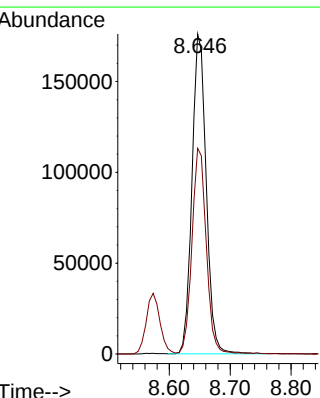
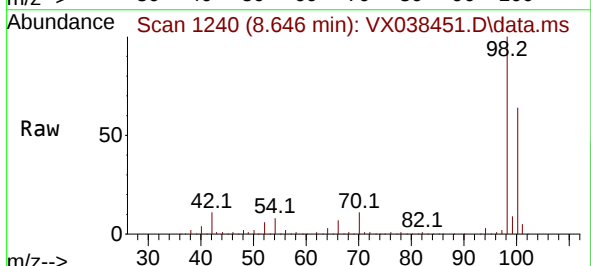
Acq: 24 Oct 2023 13:02

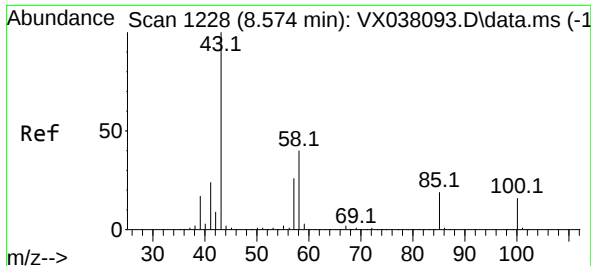
Tgt Ion: 98 Resp: 285935

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





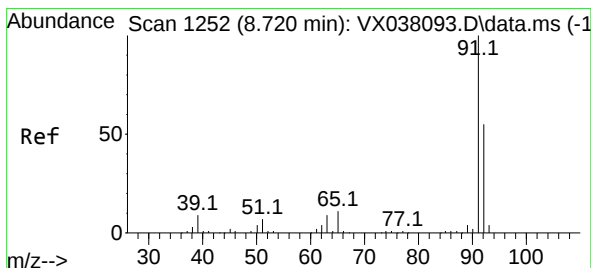
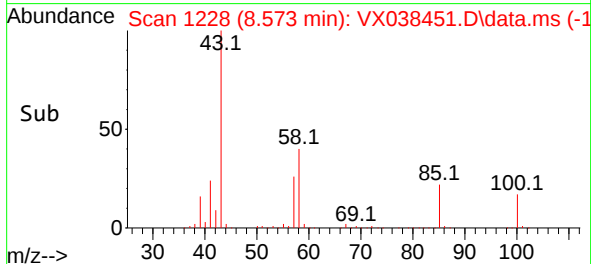
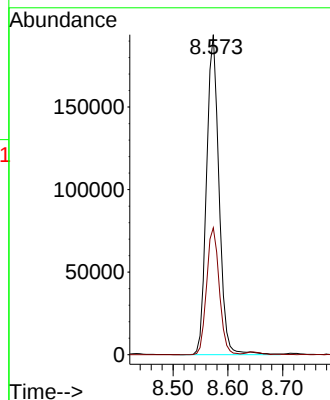
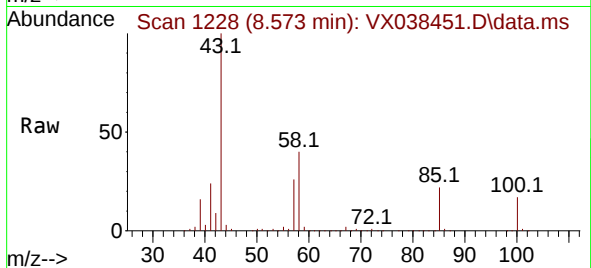
#51
4-Methyl-2-Pentanone
Concen: 97.105 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 43 Resp: 305890
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6

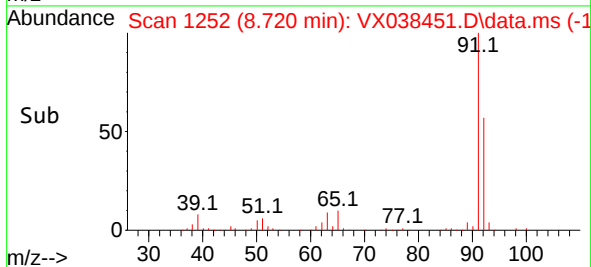
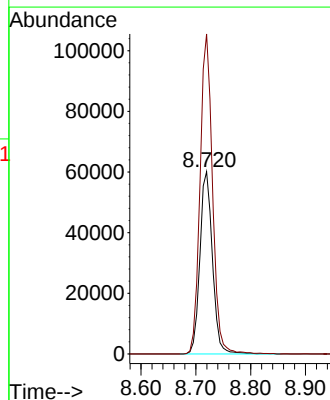
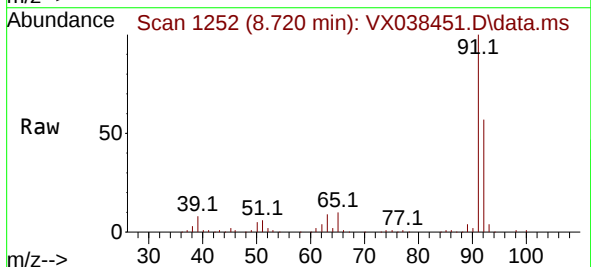
Manual Integrations
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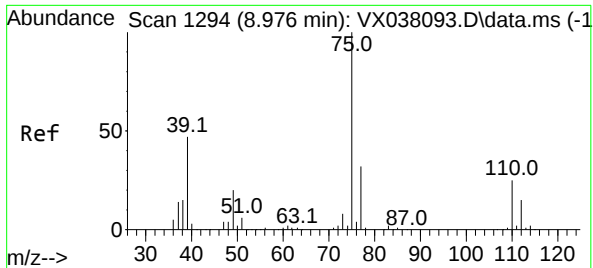
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#52
Toluene
Concen: 20.372 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 92 Resp: 95610
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





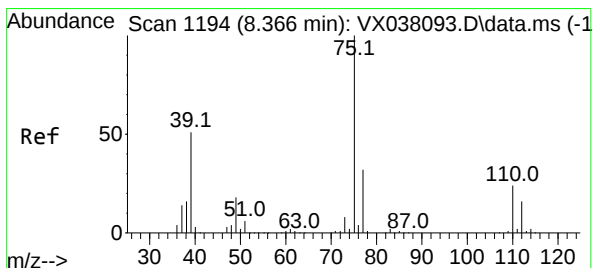
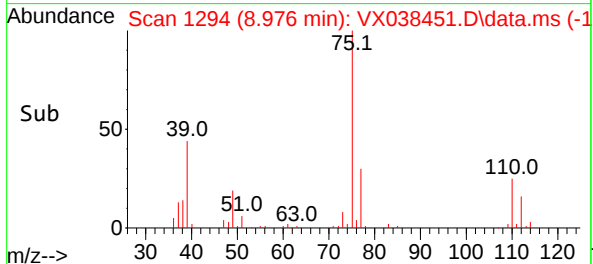
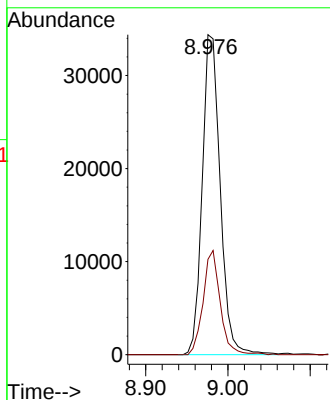
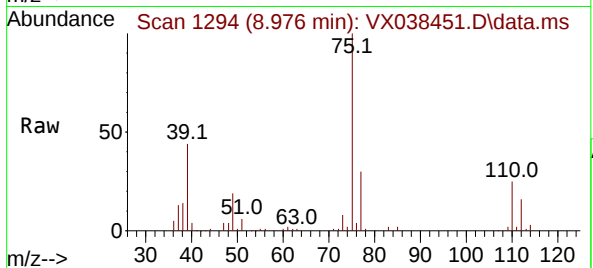
#53
t-1,3-Dichloropropene
Concen: 18.916 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 75 Resp: 52240
Ion Ratio Lower Upper
75 100
77 29.8 25.7 38.5

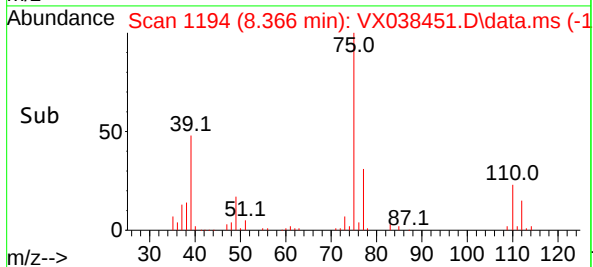
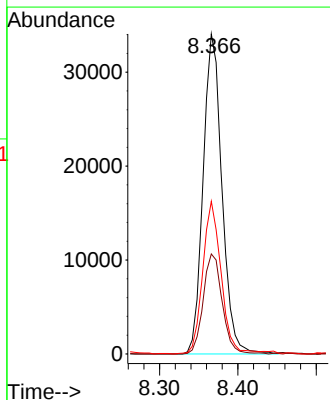
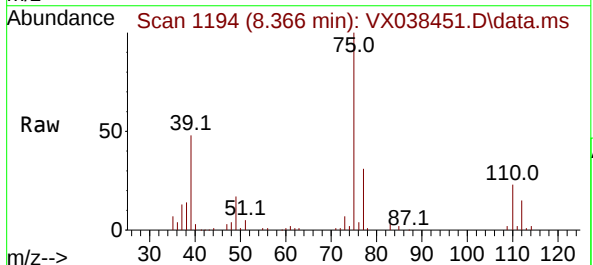
Manual Integrations
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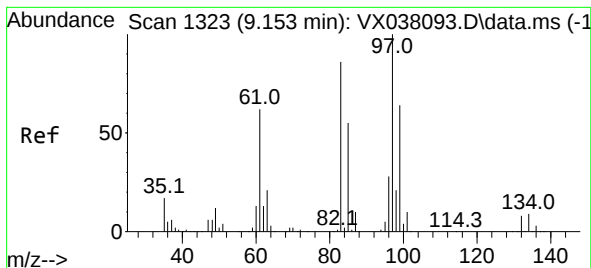
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#54
cis-1,3-Dichloropropene
Concen: 19.612 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

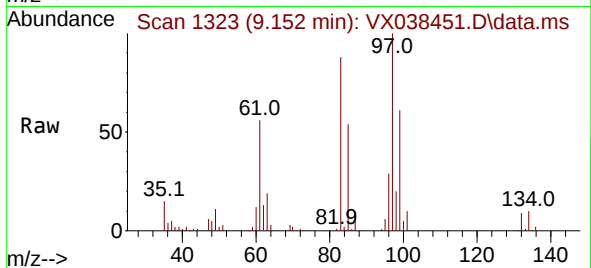
Tgt Ion: 75 Resp: 56903
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.498 ug/l
RT: 9.152 min Scan# 1114
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

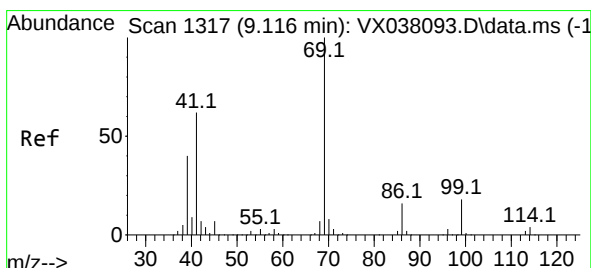
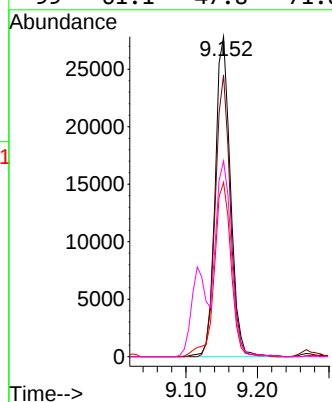
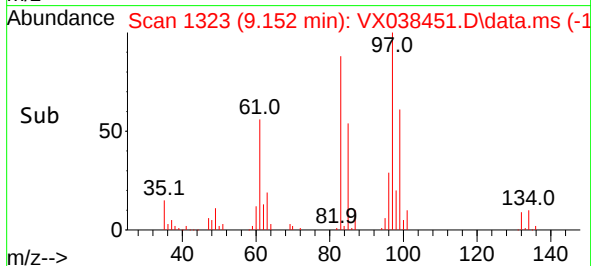
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	54.5	41.6	62.4
99	61.1	47.8	71.8

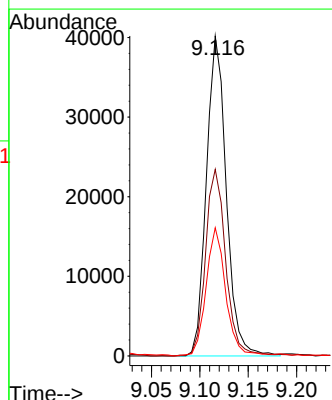
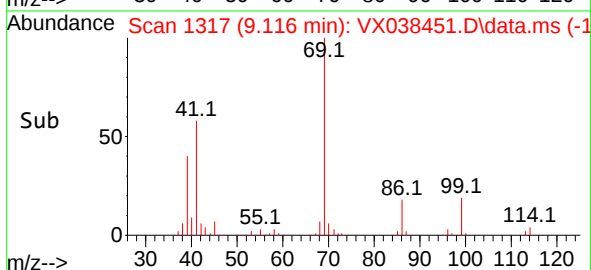
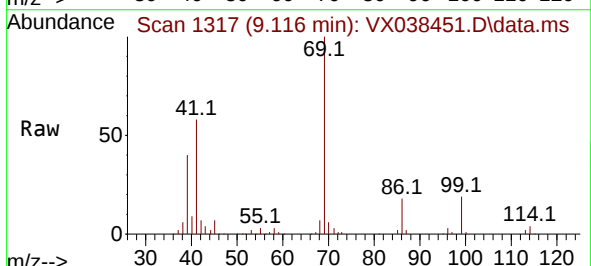
Manual Integrations
APPROVED

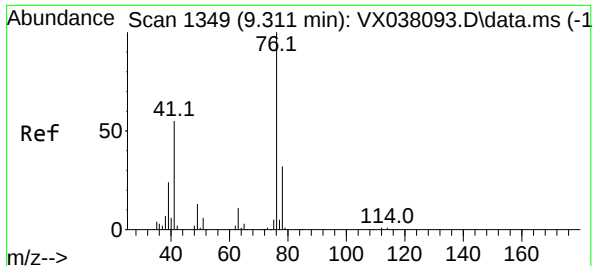
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#56
Ethyl methacrylate
Concen: 18.739 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	56.8	85.2
39	40.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.199 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 76 Resp: 6558

Ion Ratio Lower Upper

76 100

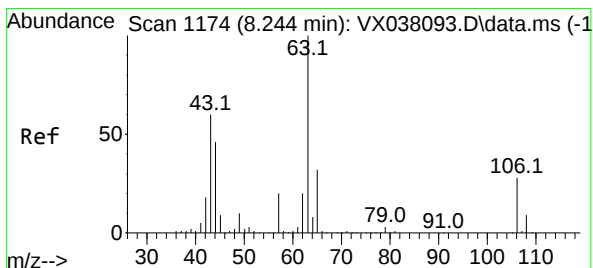
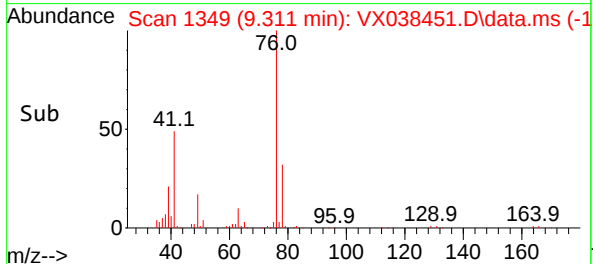
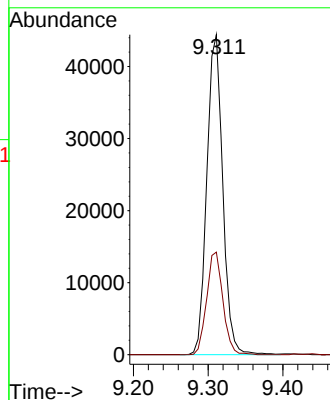
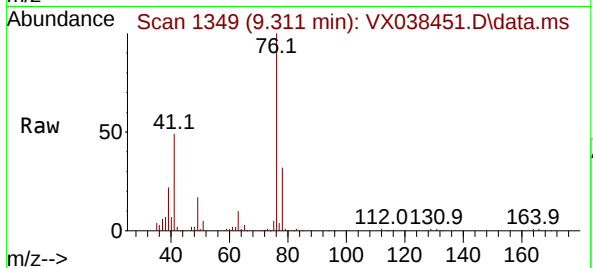
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.857 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038451.D

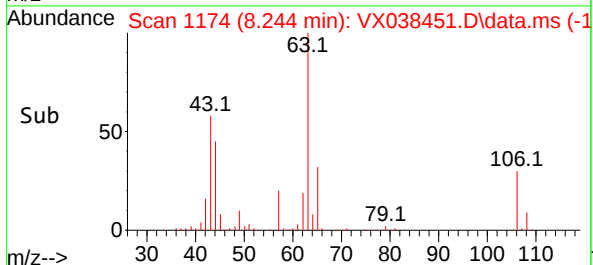
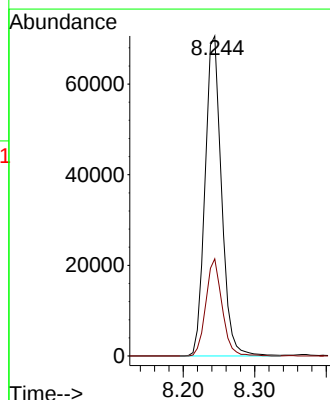
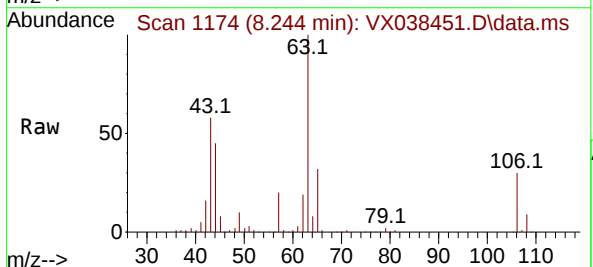
Acq: 24 Oct 2023 13:02

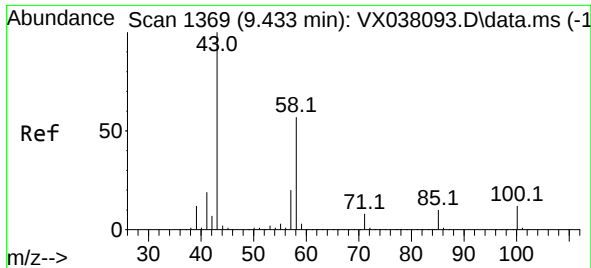
Tgt Ion: 63 Resp: 113091

Ion Ratio Lower Upper

63 100

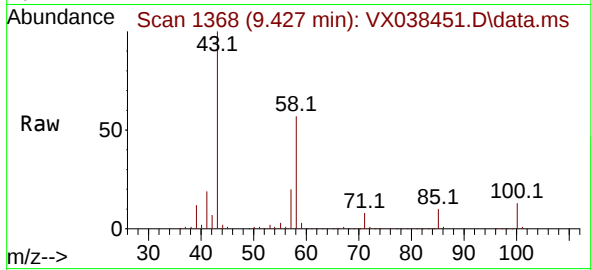
106 29.9 22.5 33.7





#59
2-Hexanone
Concen: 95.642 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

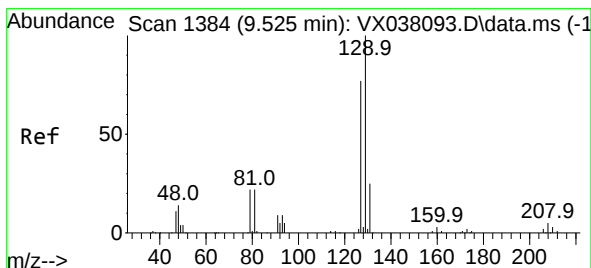
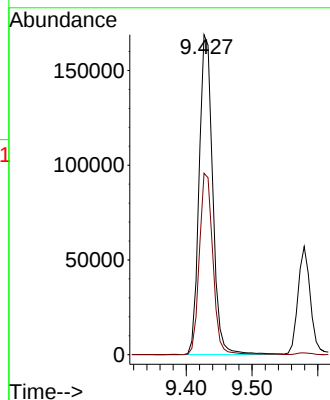
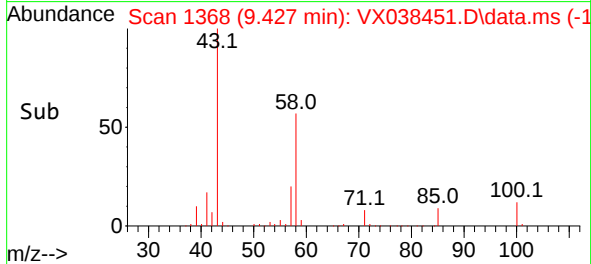
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 43 Resp: 24220
Ion Ratio Lower Upper
43 100
58 56.5 26.2 78.5

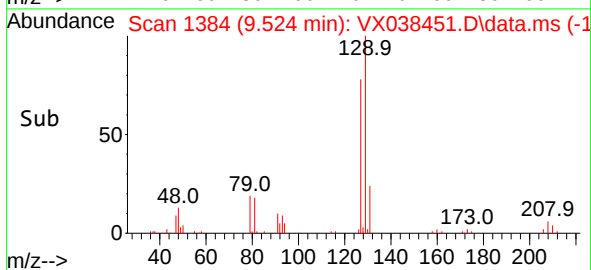
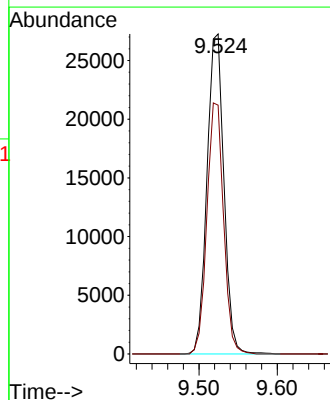
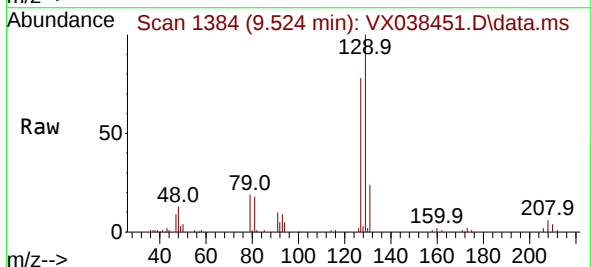
Manual Integrations
APPROVED

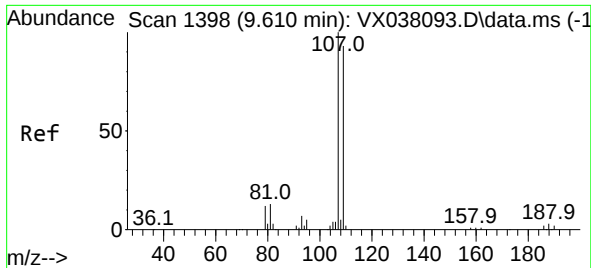
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Dibromochloromethane
Concen: 20.762 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion:129 Resp: 40790
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





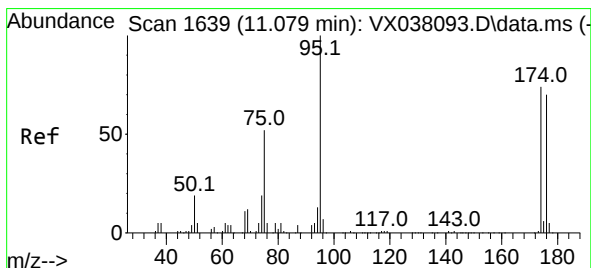
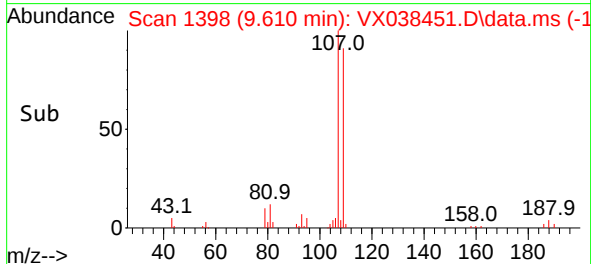
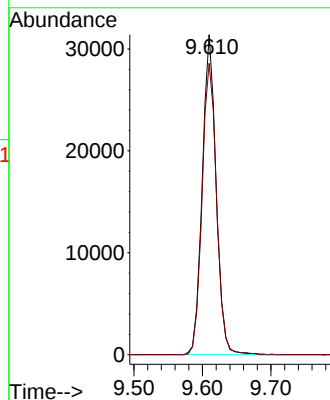
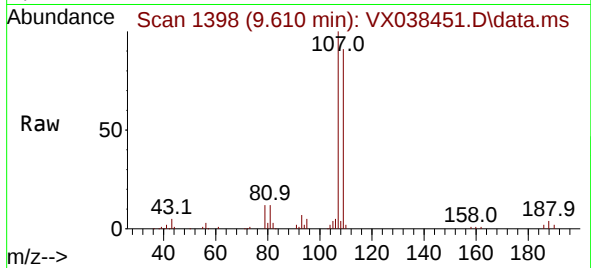
#61
1,2-Dibromoethane
Concen: 20.374 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion:107 Resp: 44228
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

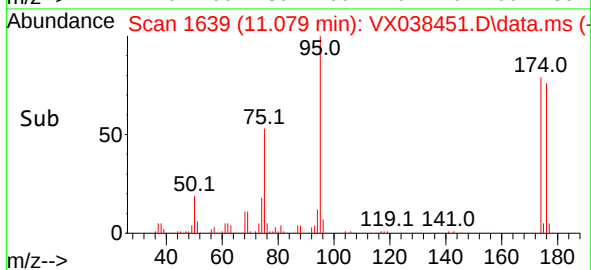
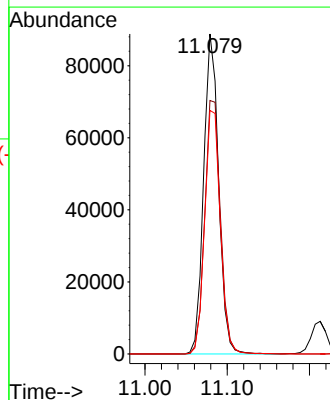
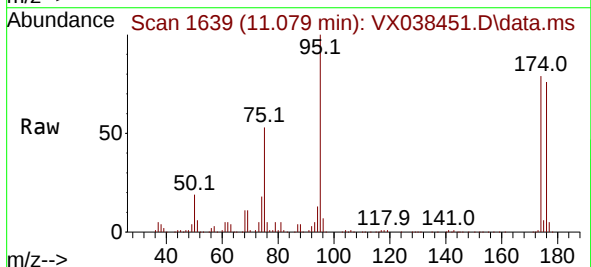
Manual Integrations
APPROVED

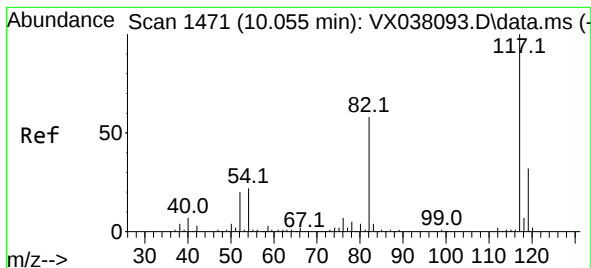
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 41.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

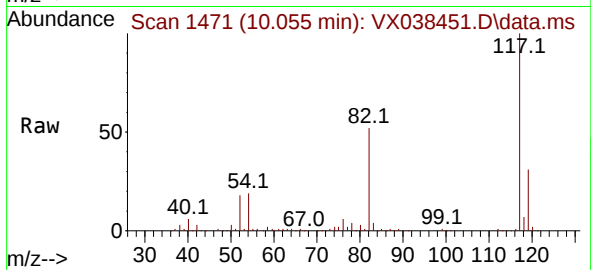
Tgt Ion: 95 Resp: 112167
Ion Ratio Lower Upper
95 100
174 83.7 0.0 135.6
176 80.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

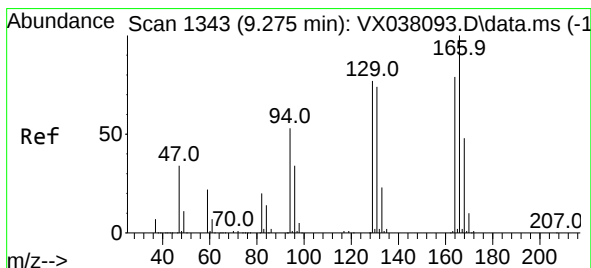
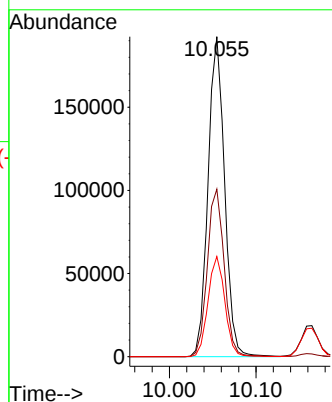
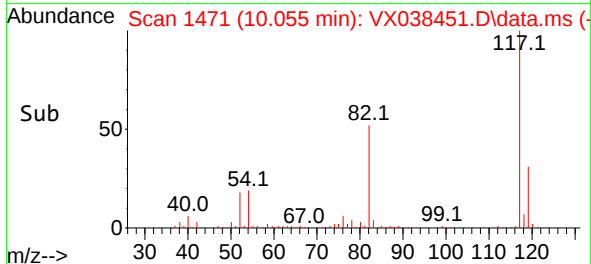
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion:117 Resp: 255534
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 31.3 25.5 38.3

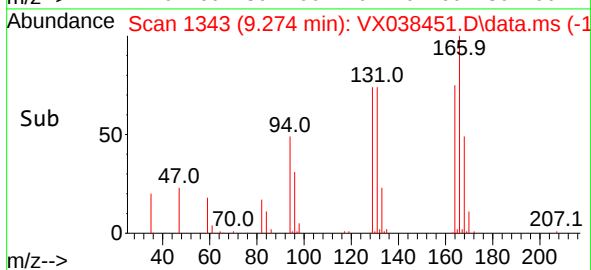
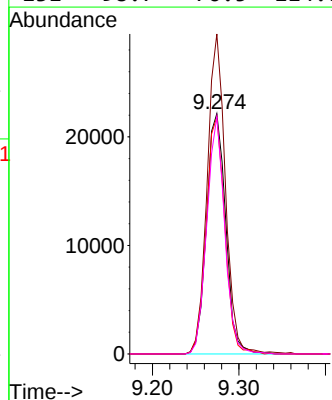
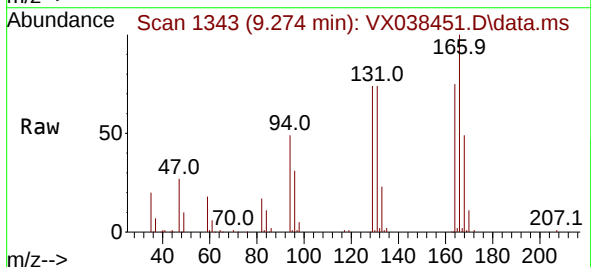
Manual Integrations
APPROVED

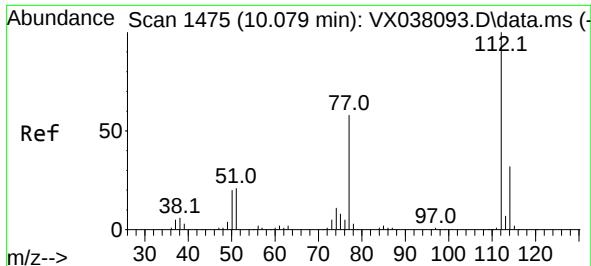
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 20.625 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

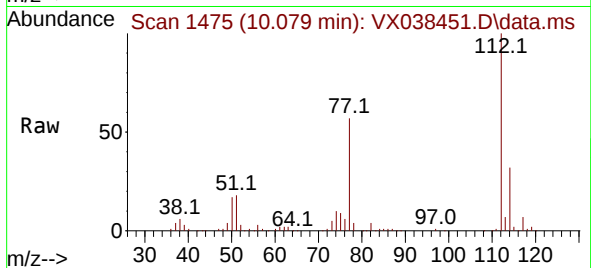
Tgt Ion:164 Resp: 34119
Ion Ratio Lower Upper
164 100
166 133.2 102.7 154.1
129 98.7 80.4 120.6
131 98.7 76.5 114.7





#65
Chlorobenzene
Concen: 20.168 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

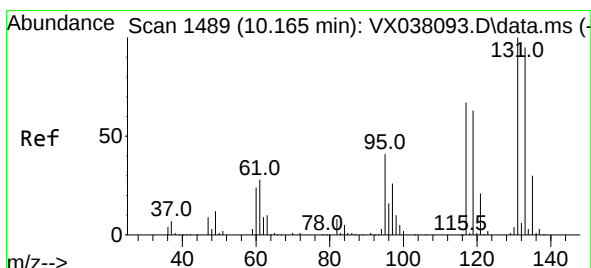
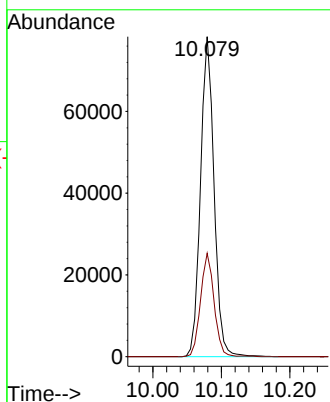
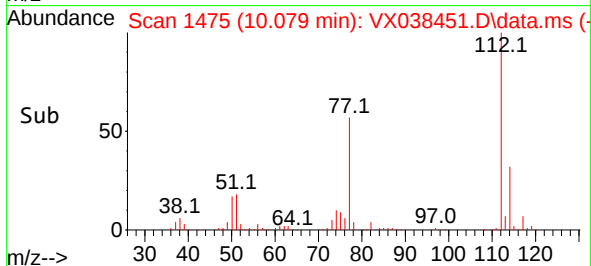
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



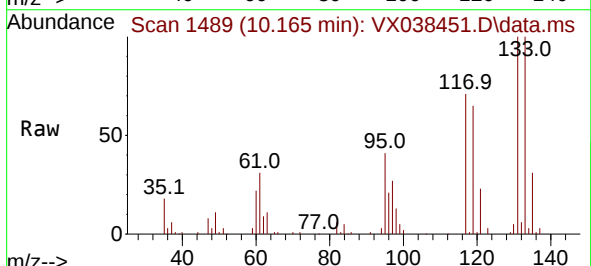
Tgt Ion:112 Resp: 107839
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

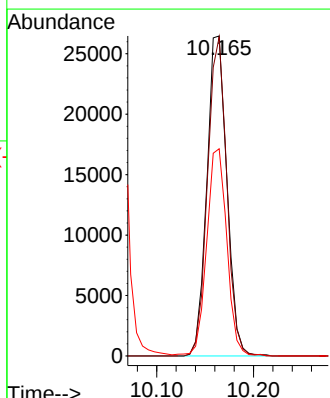
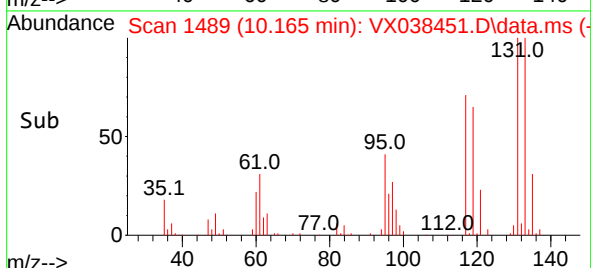
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

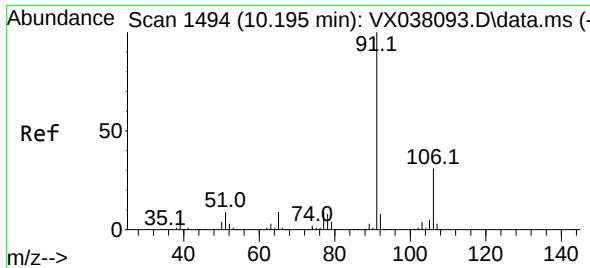


#66
1,1,1,2-Tetrachloroethane
Concen: 21.121 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



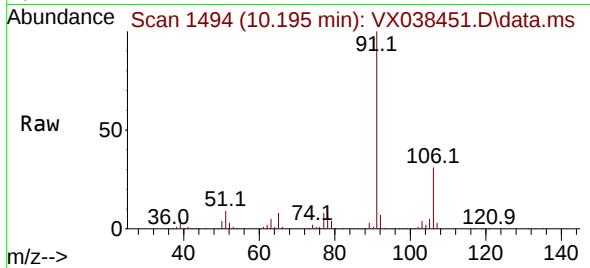
Tgt Ion:131 Resp: 38190
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.0 32.2 96.6





#67
Ethyl Benzene
Concen: 19.565 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

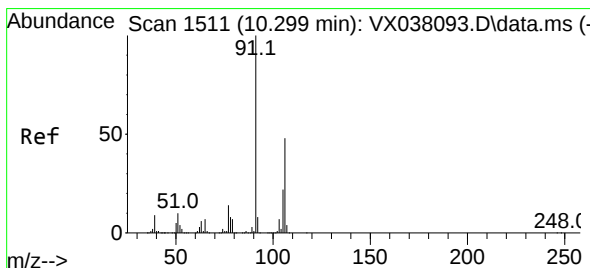
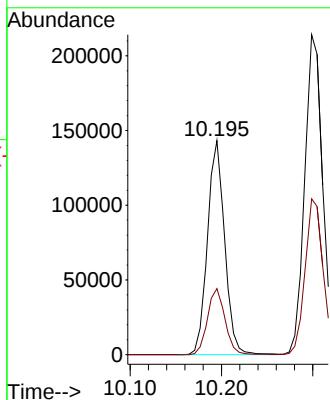
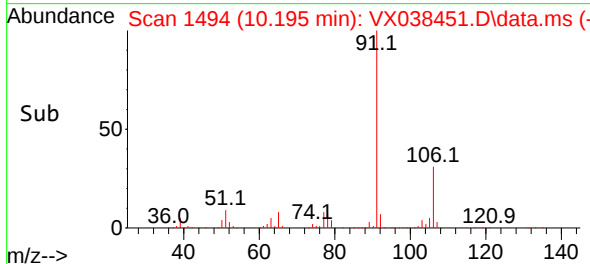
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



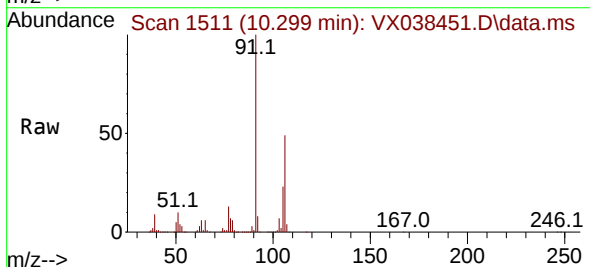
Tgt Ion: 91 Resp: 186742
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

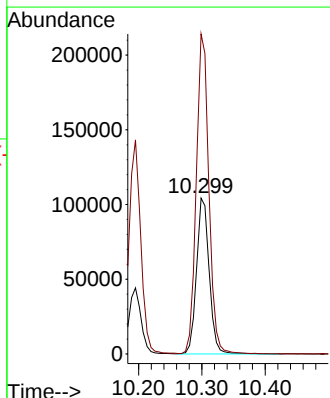
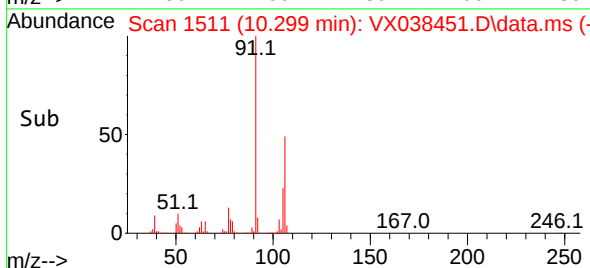
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

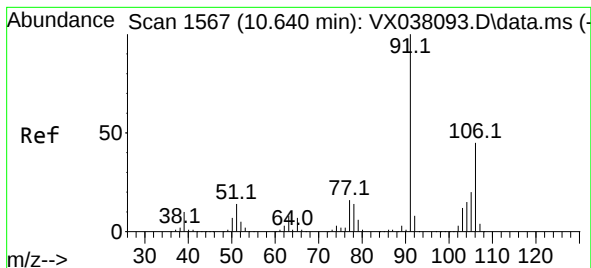


#68
m/p-Xylenes
Concen: 39.429 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



Tgt Ion:106 Resp: 145516
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3





#69

o-Xylene

Concen: 19.317 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion:106 Resp: 69580

Ion Ratio Lower Upper

106 100

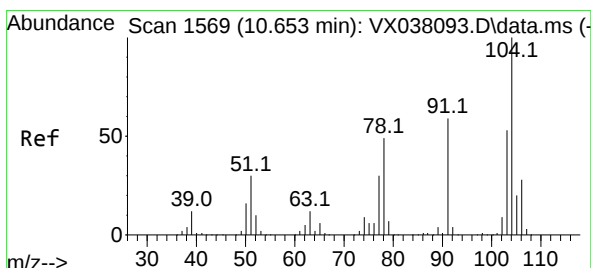
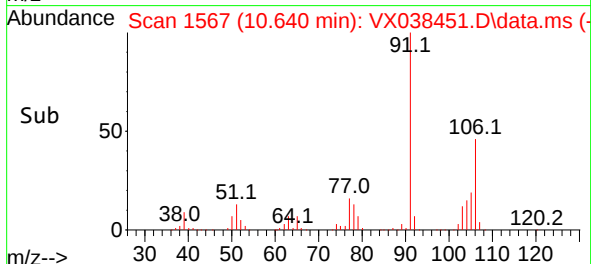
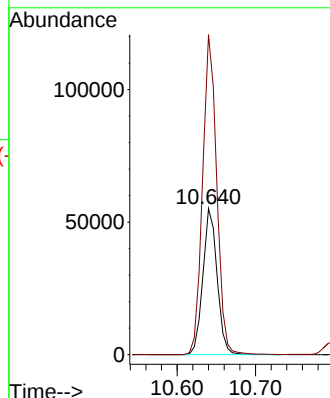
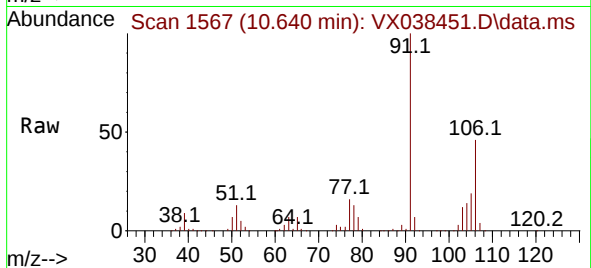
91 217.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#70

Styrene

Concen: 20.198 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

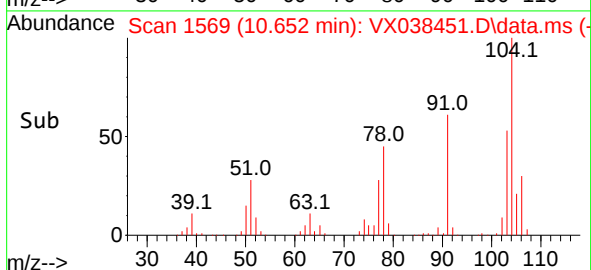
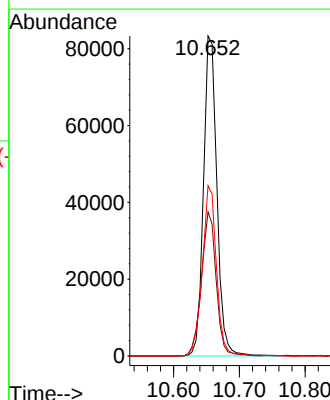
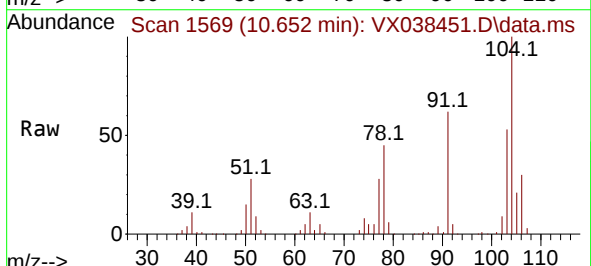
Tgt Ion:104 Resp: 118477

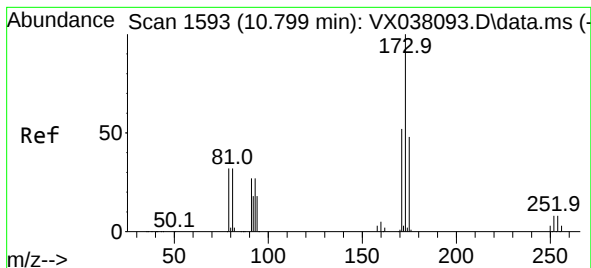
Ion Ratio Lower Upper

104 100

78 49.1 43.6 65.4

103 56.1 43.6 65.4





#71

Bromoform

Concen: 19.499 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

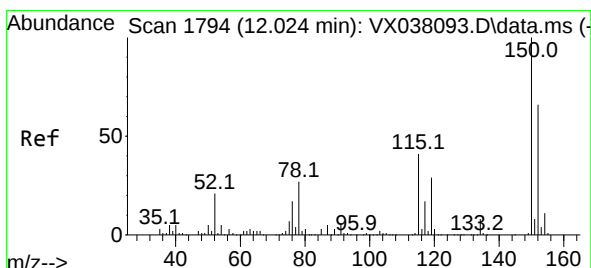
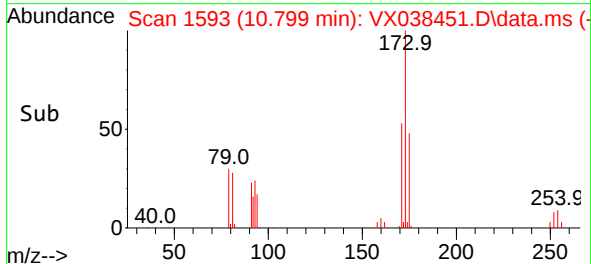
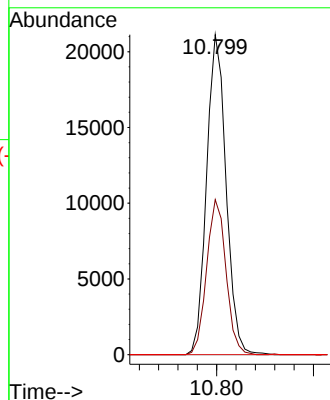
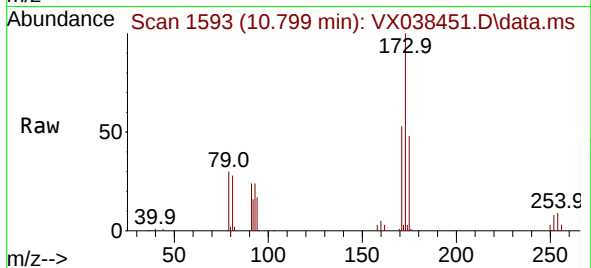
Tgt Ion:173	Resp:	29600
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

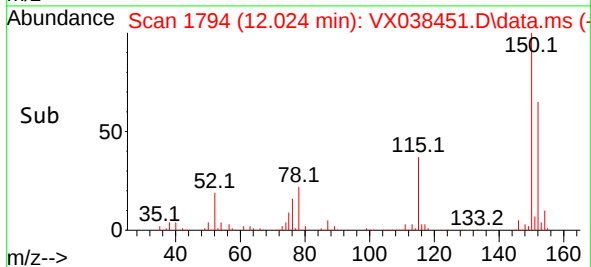
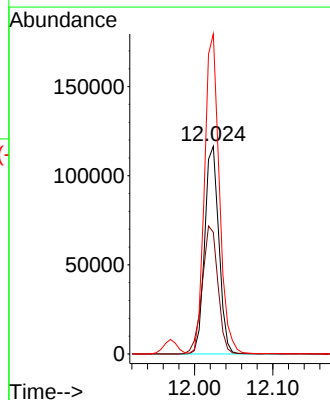
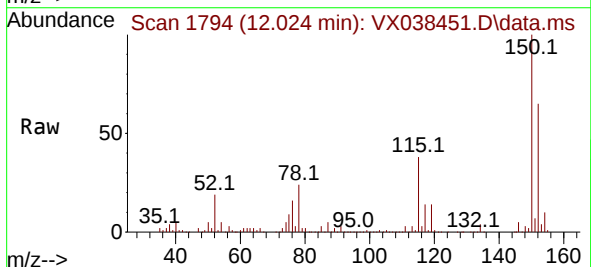
RT: 12.024 min Scan# 1794

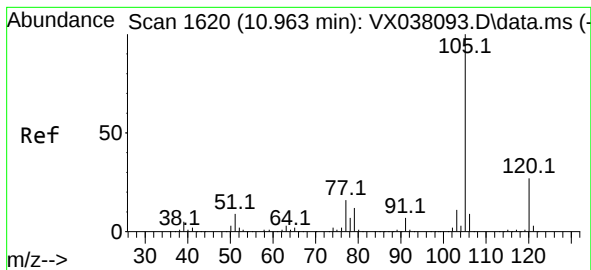
Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion:152	Resp:	146152
Ion Ratio	Lower	Upper
152	100	
115	68.3	43.3 129.9
150	160.3	0.0 345.0





#73

Isopropylbenzene

Concen: 19.325 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion:105 Resp: 18941

Ion Ratio Lower Upper

105 100

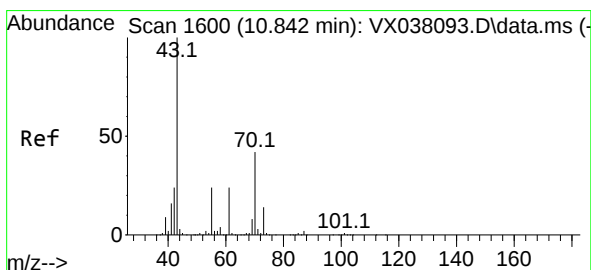
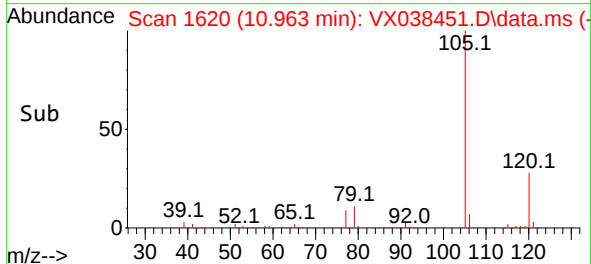
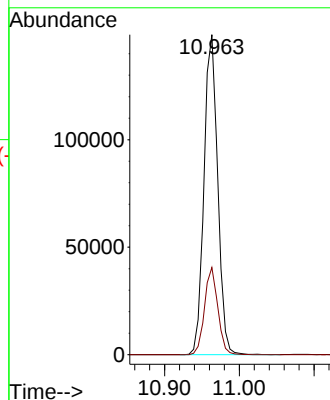
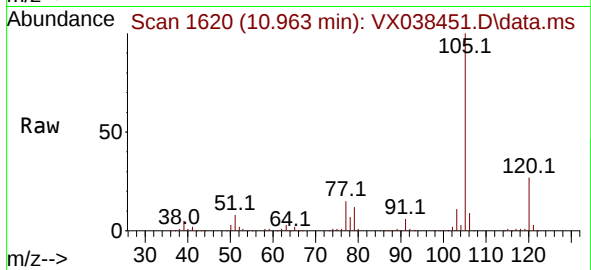
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#74

N-ethyl acetate

Concen: 17.261 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion: 43 Resp: 72245

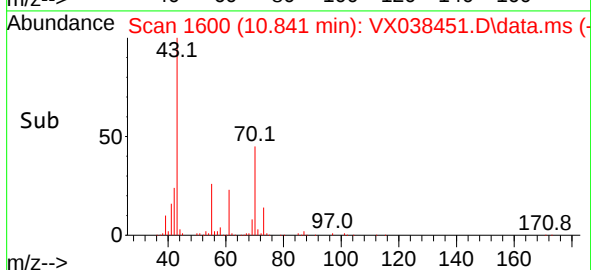
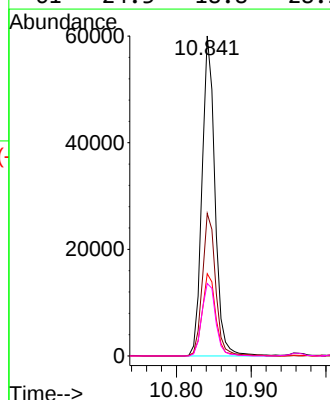
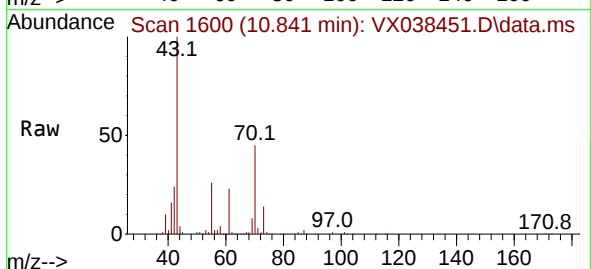
Ion Ratio Lower Upper

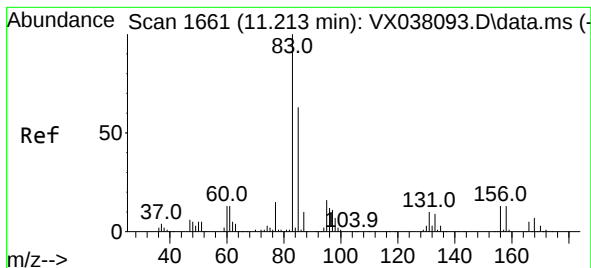
43 100

70 45.5 32.9 49.3

55 27.0 19.3 28.9

61 24.3 18.8 28.2





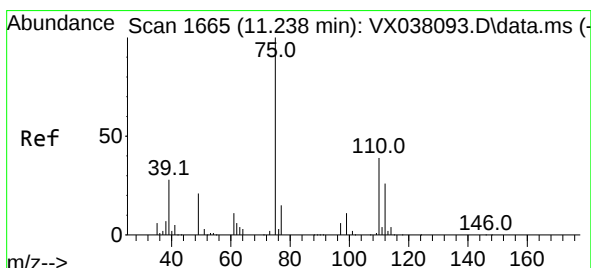
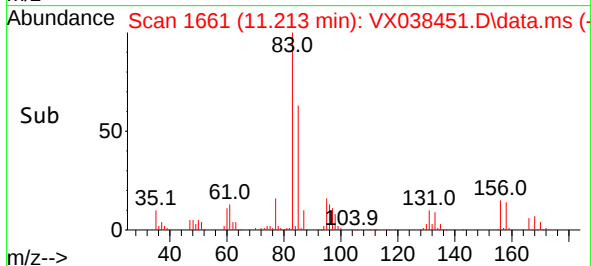
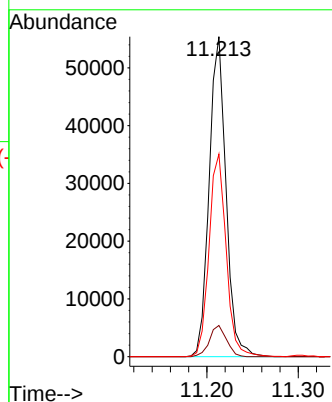
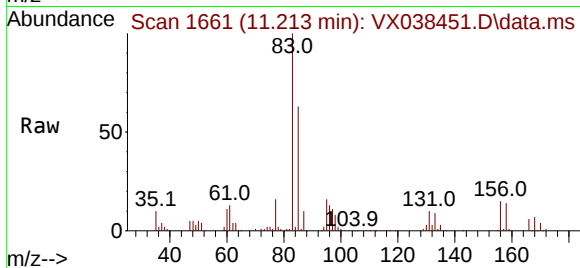
#75
1,1,2,2-Tetrachloroethane
Concen: 19.676 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 83 Resp: 7076
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.5 32.0 96.2

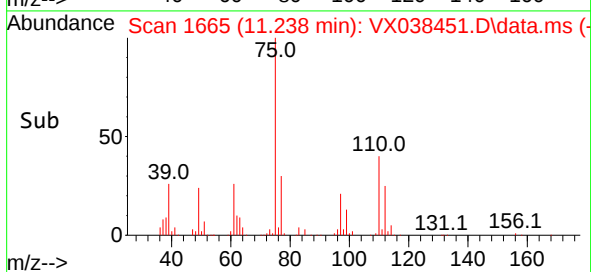
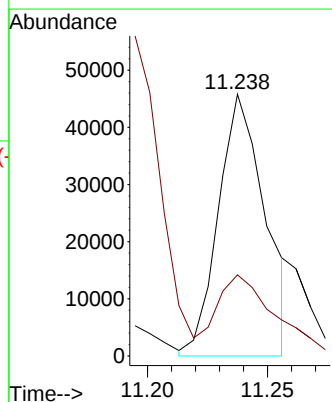
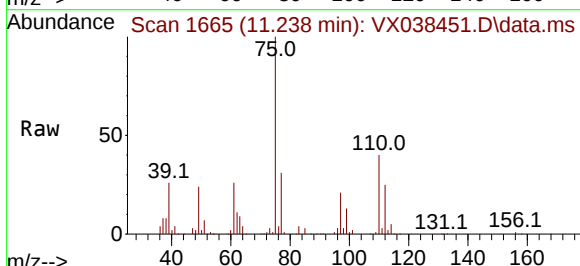
Manual Integrations
APPROVED

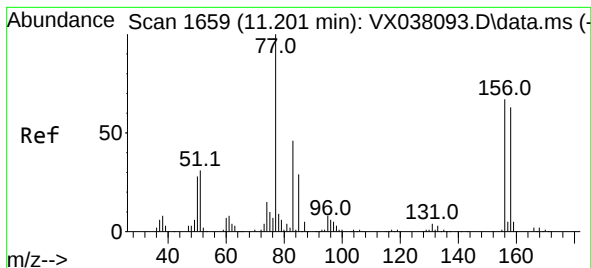
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#76
1,2,3-Trichloropropane
Concen: 18.670 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 75 Resp: 62032
Ion Ratio Lower Upper
75 100
77 39.3 19.1 57.5





#77

Bromobenzene

Concen: 20.203 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion:156 Resp: 4834

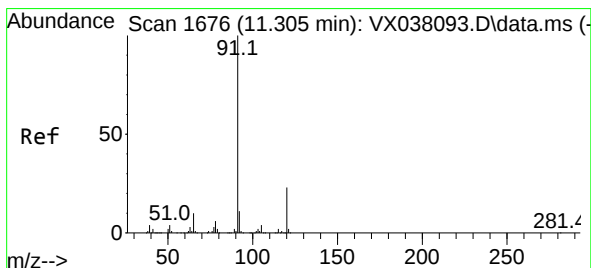
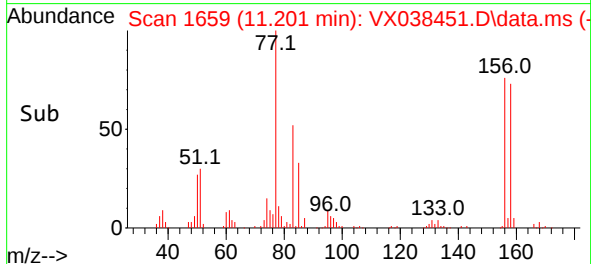
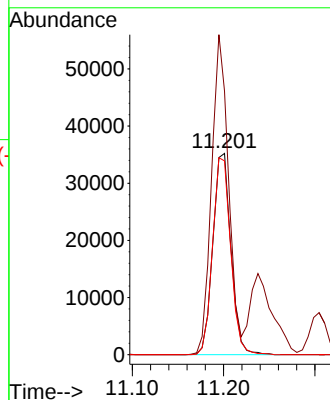
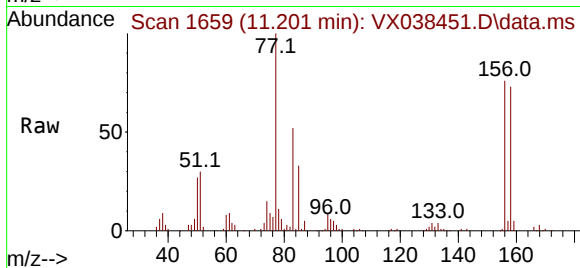
Ion	Ratio	Lower	Upper
156	100		
77	148.6	88.4	265.3
158	97.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#78

n-propylbenzene

Concen: 18.944 ug/l

RT: 11.305 min Scan# 1676

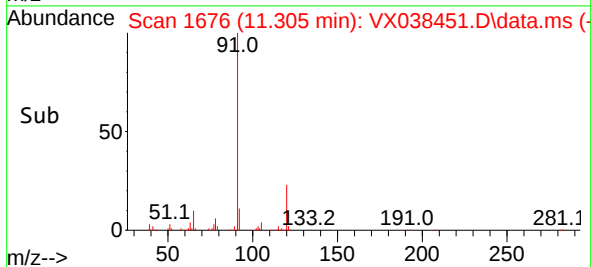
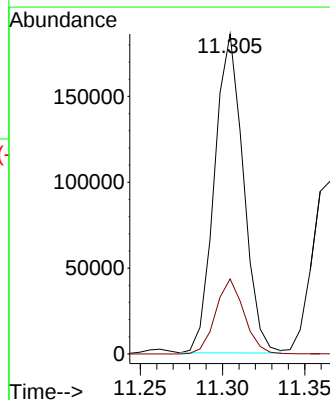
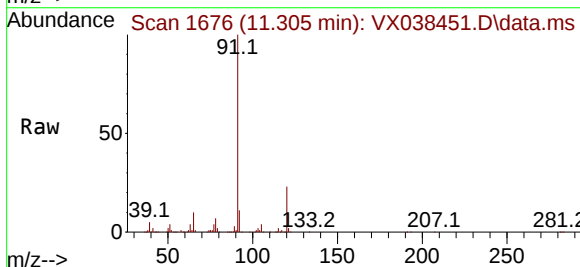
Delta R.T. -0.000 min

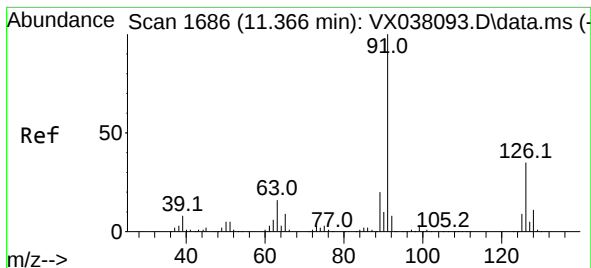
Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion: 91 Resp: 227032

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





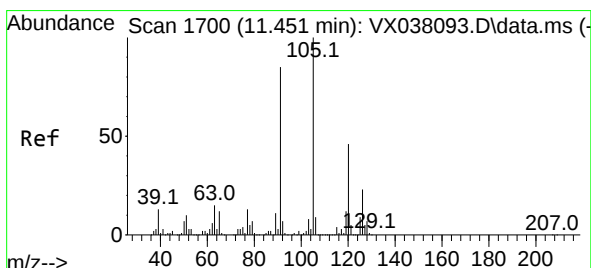
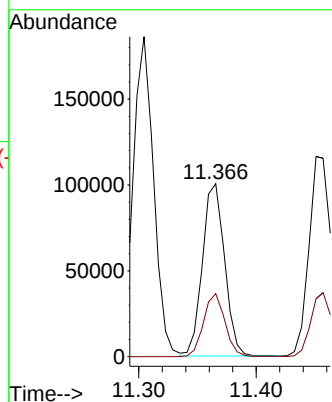
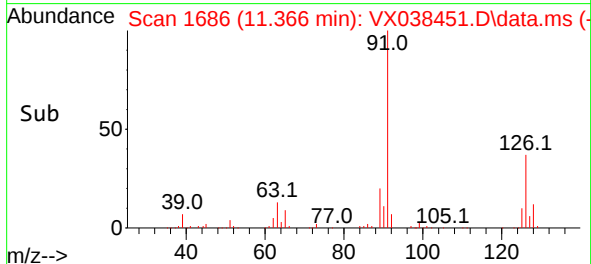
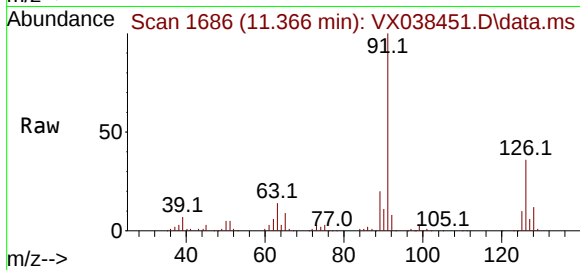
#79
2-Chlorotoluene
Concen: 18.523 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01

Tgt Ion: 91 Resp: 131658
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8

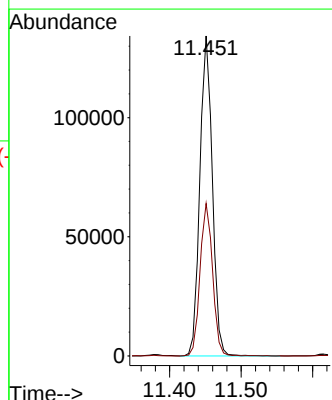
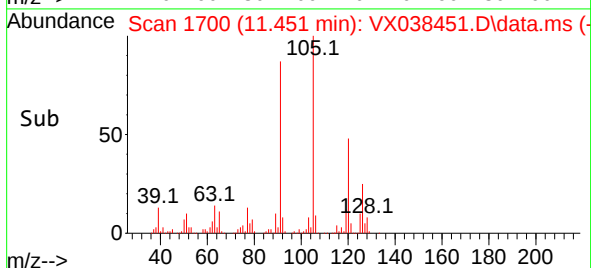
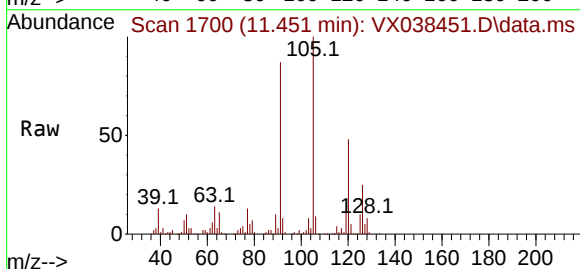
Manual Integrations
APPROVED

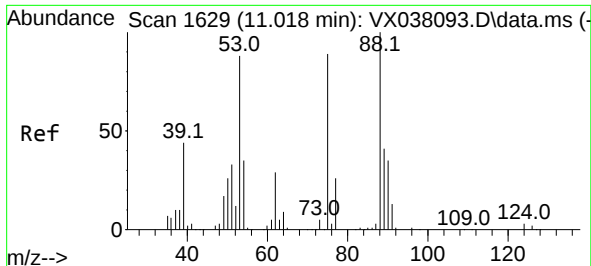
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.210 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

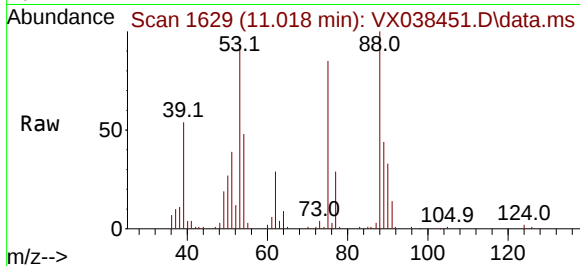
Tgt Ion:105 Resp: 162441
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.408 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

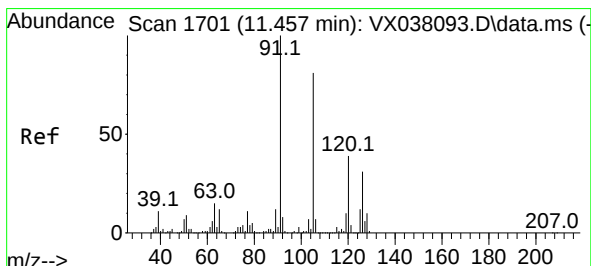
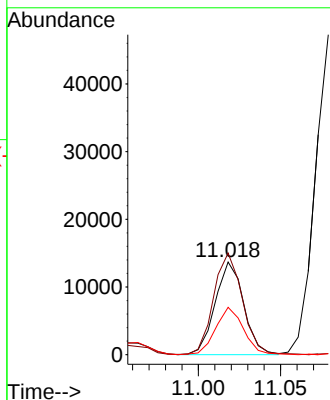
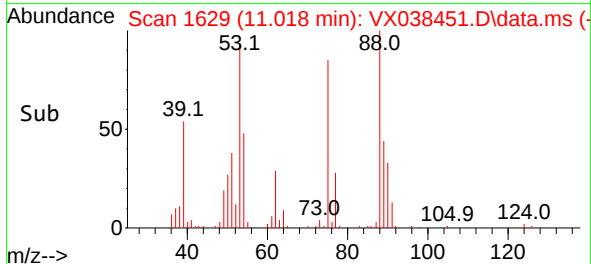
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion: 75 Resp: 16554
Ion Ratio Lower Upper
75 100
53 110.2 90.5 135.7
89 49.9 36.9 55.3

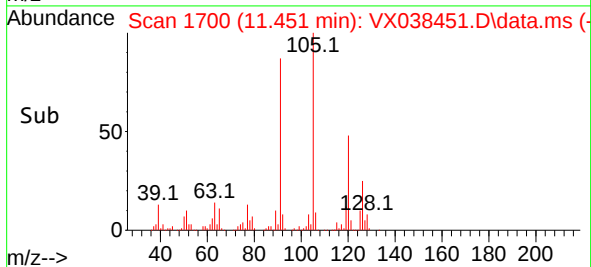
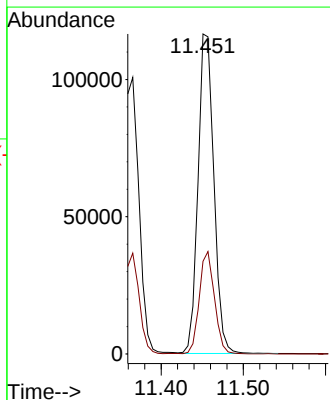
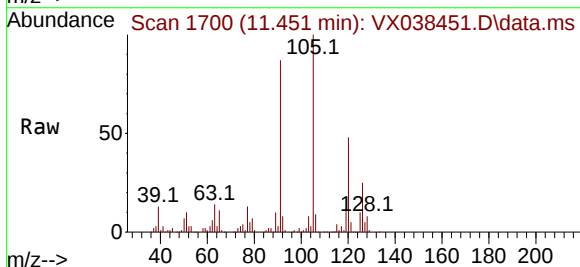
Manual Integrations
APPROVED

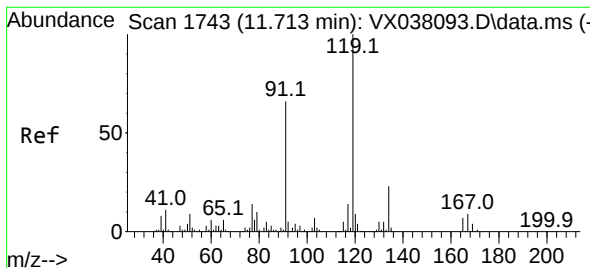
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 18.550 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

Tgt Ion: 91 Resp: 156015
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.754 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion:119 Resp: 16322

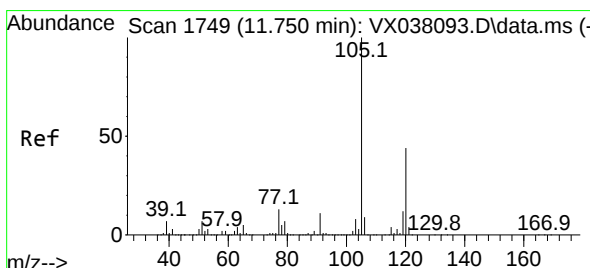
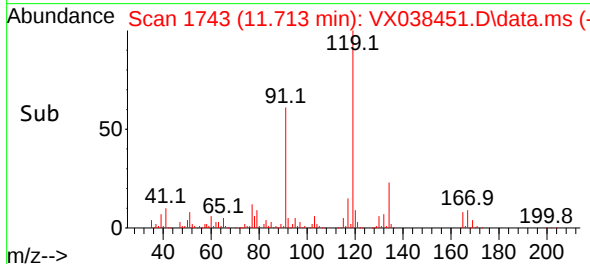
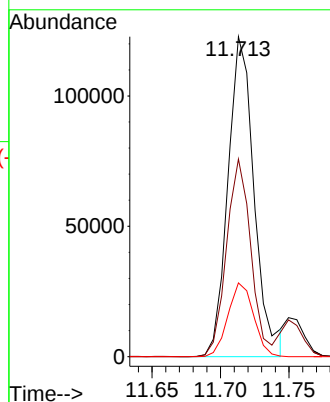
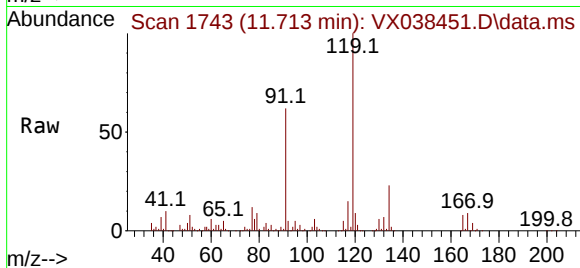
Ion	Ratio	Lower	Upper
119	100		
91	57.6	31.2	93.6
134	22.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.395 ug/l

RT: 11.750 min Scan# 1749

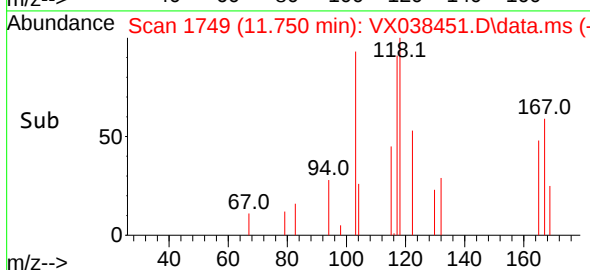
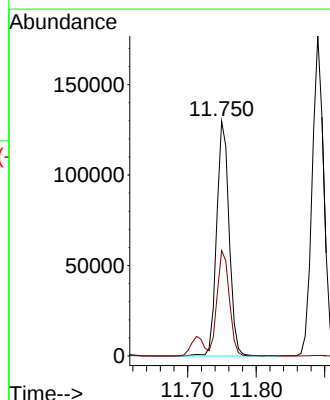
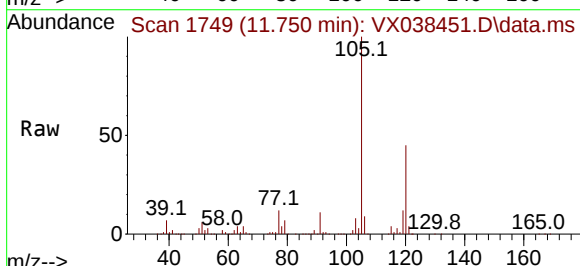
Delta R.T. -0.000 min

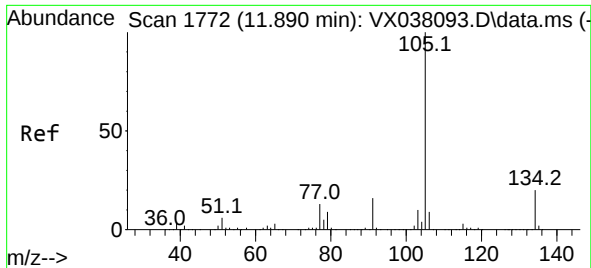
Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion:105 Resp: 163523

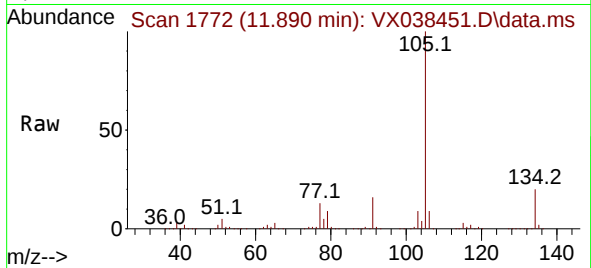
Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.550 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

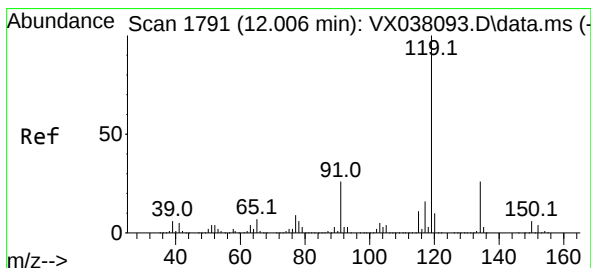
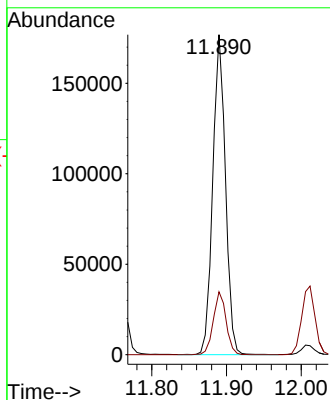
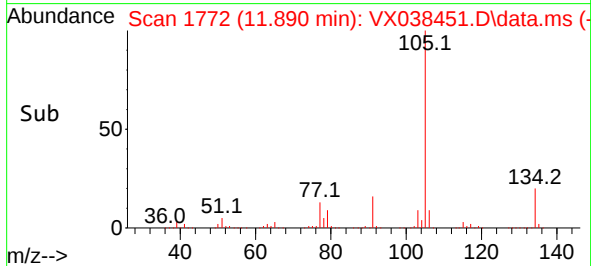
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01



Tgt Ion:105 Resp: 20924
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

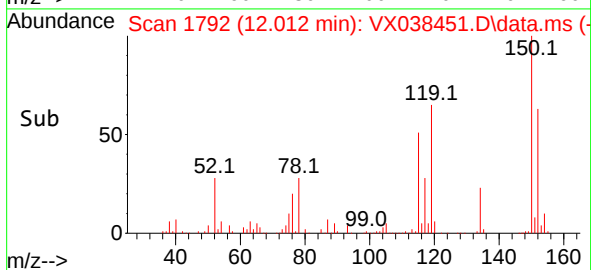
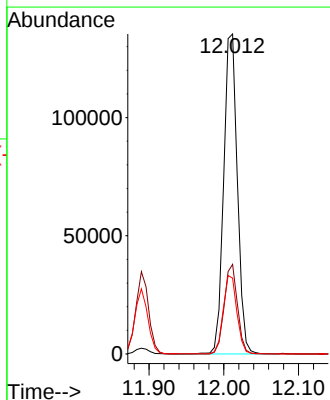
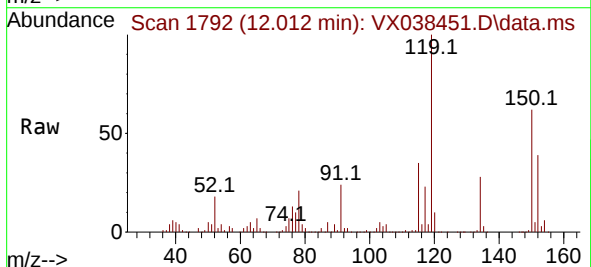
Manual Integrations
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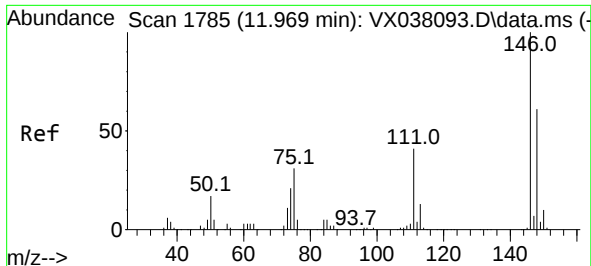
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#86
 p-Isopropyltoluene
 Concen: 19.564 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038451.D
 Acq: 24 Oct 2023 13:02

Tgt Ion:119 Resp: 172767
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.424 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion:146 Resp: 93350

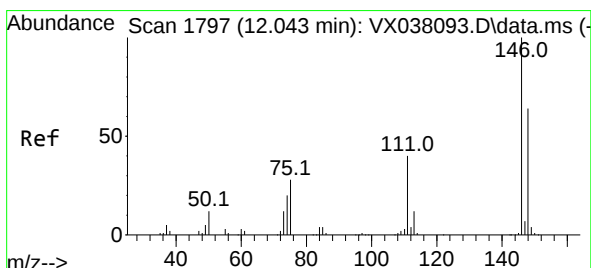
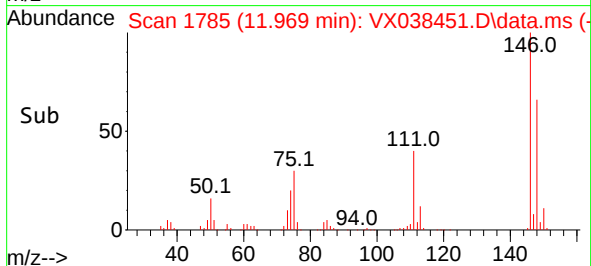
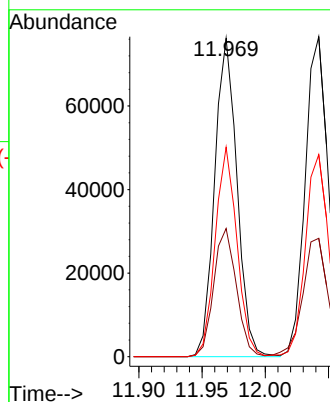
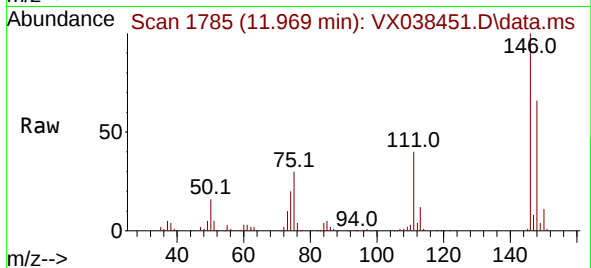
Ion	Ratio	Lower	Upper
146	100		
111	40.9	22.1	66.1
148	64.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#88

1,4-Dichlorobenzene

Concen: 19.789 ug/l

RT: 12.042 min Scan# 1797

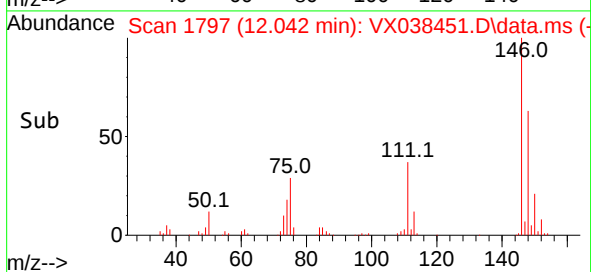
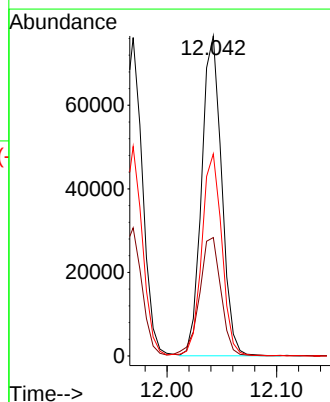
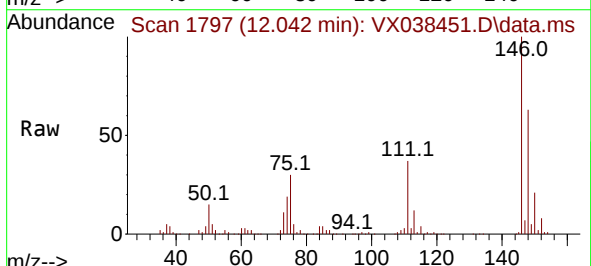
Delta R.T. -0.001 min

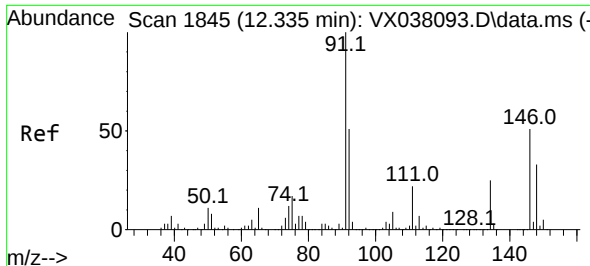
Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Tgt Ion:146 Resp: 97102

Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.3	63.7
148	63.1	31.8	95.4





#89

n-Butylbenzene

Concen: 18.412 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038451.D

Acq: 24 Oct 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBS01

Tgt Ion: 91 Resp: 161930

Ion Ratio Lower Upper

91 100

92 51.3 27.4 82.0

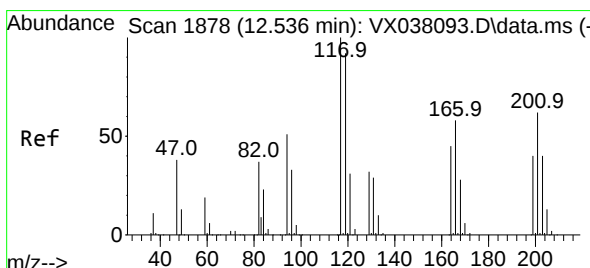
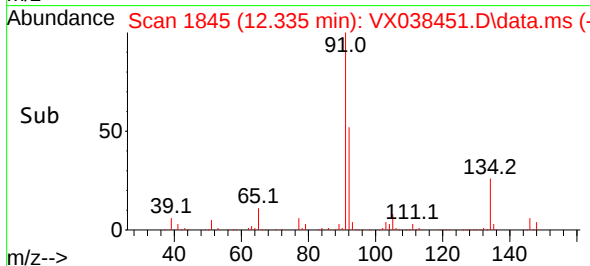
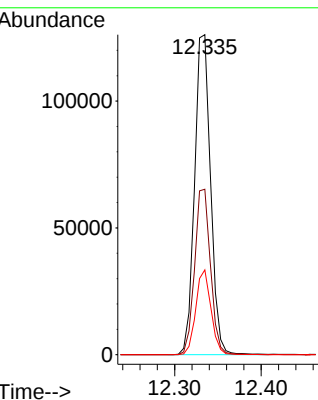
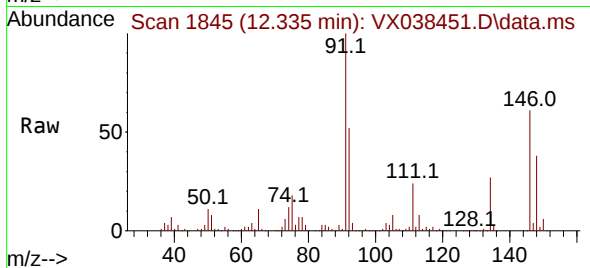
134 25.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#90

Hexachloroethane

Concen: 18.924 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038451.D

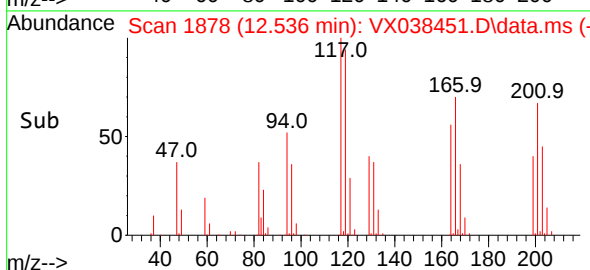
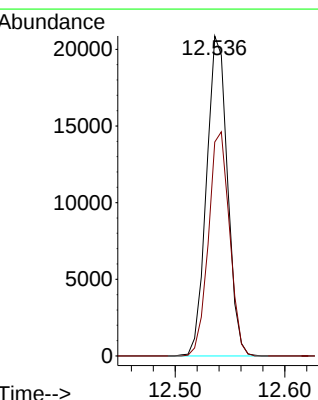
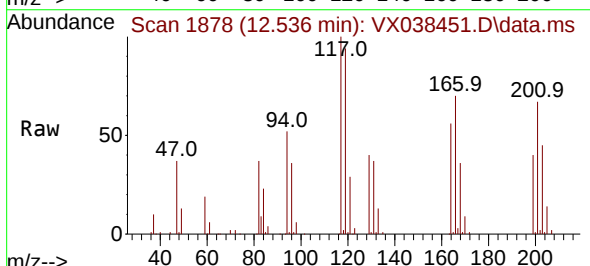
Acq: 24 Oct 2023 13:02

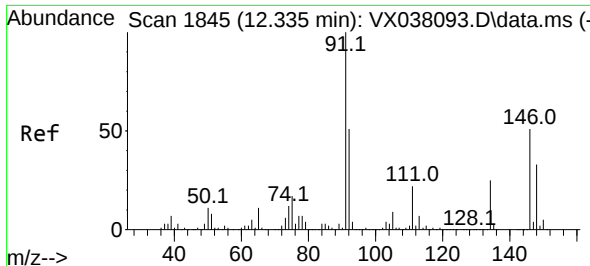
Tgt Ion:117 Resp: 27707

Ion Ratio Lower Upper

117 100

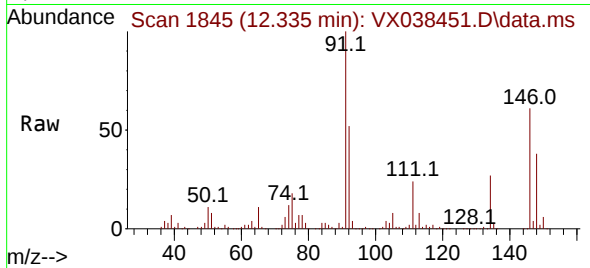
201 70.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.319 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

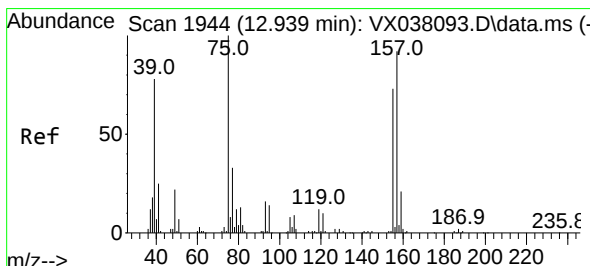
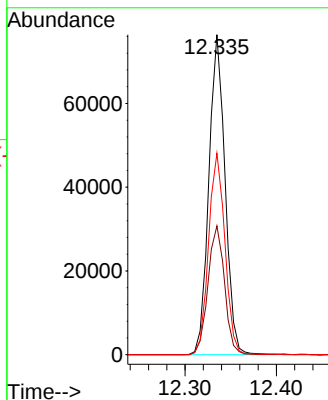
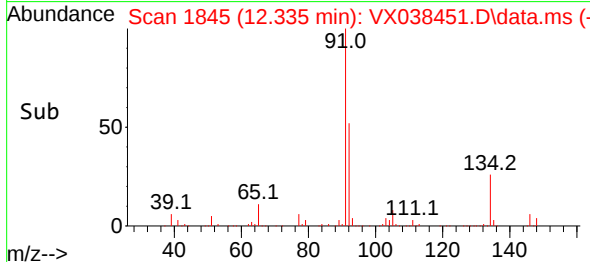
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



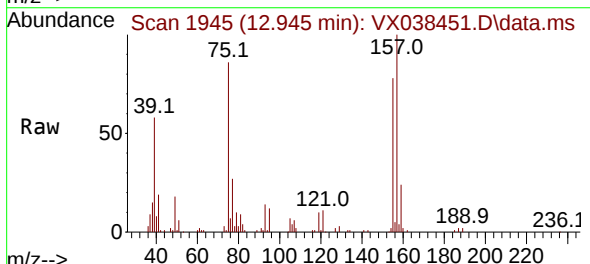
Tgt Ion:146 Resp: 93872
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
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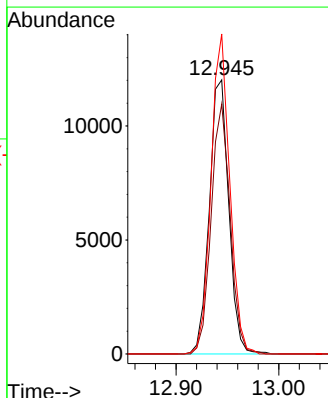
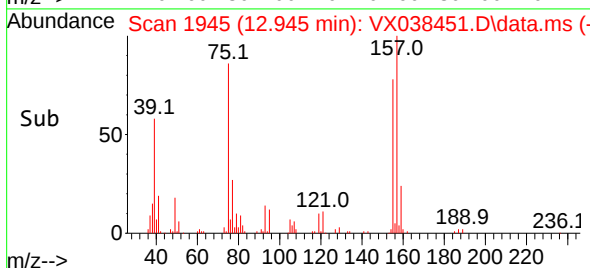
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

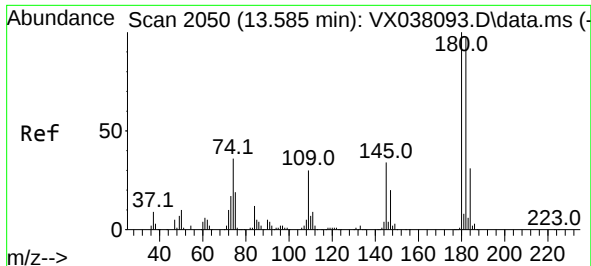


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.132 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



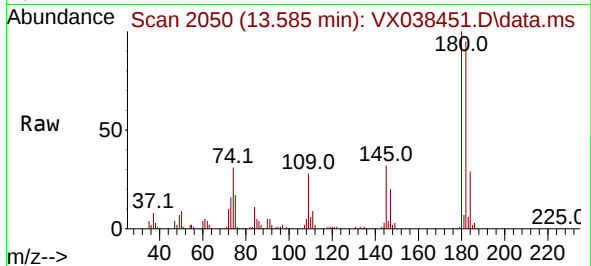
Tgt Ion: 75 Resp: 15767
Ion Ratio Lower Upper
75 100
155 89.3 36.1 108.5
157 112.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.704 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

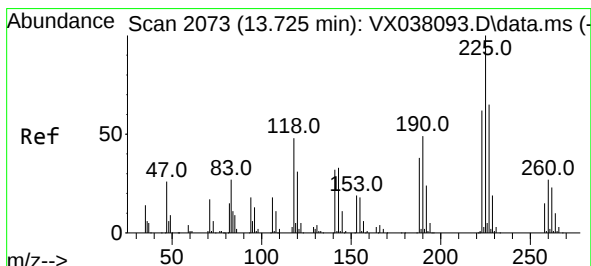
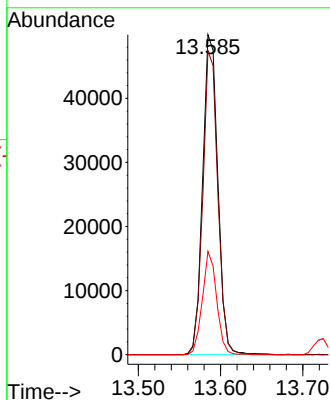
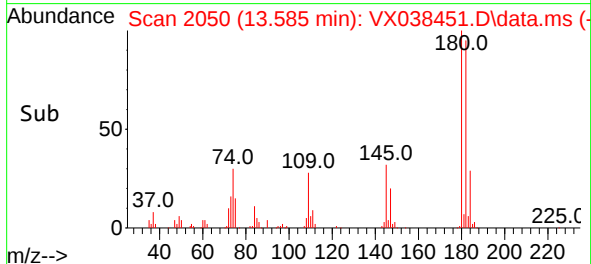
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



Tgt Ion:180 Resp: 6415
Ion Ratio Lower Upper
180 100
182 93.4 48.3 144.8
145 30.4 18.0 54.0

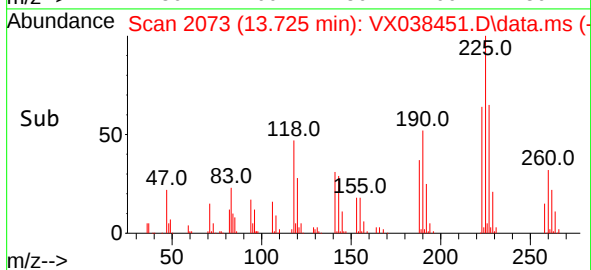
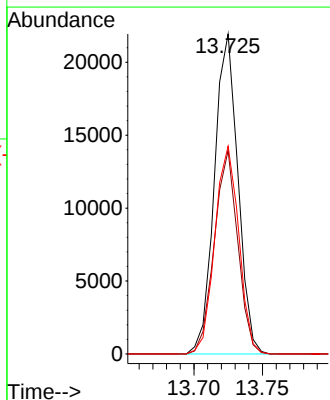
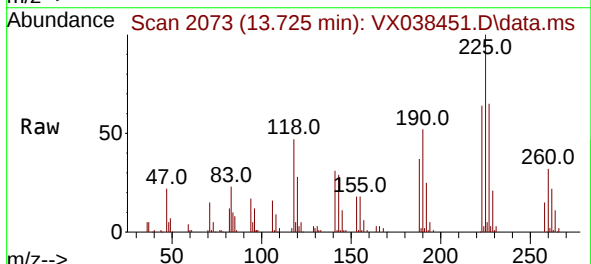
Manual Integrations
APPROVED

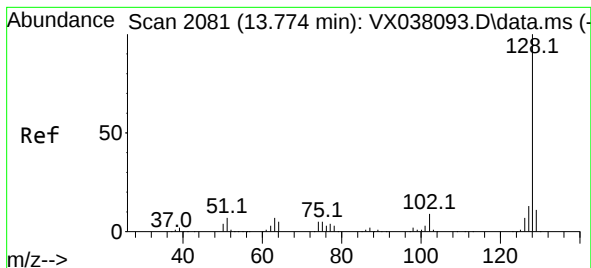
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#94
Hexachlorobutadiene
Concen: 20.979 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

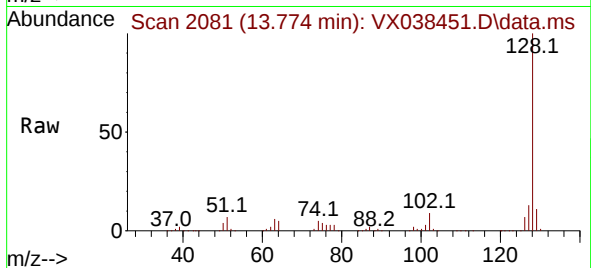
Tgt Ion:225 Resp: 26164
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 66.1 32.5 97.5





#95
Naphthalene
Concen: 19.065 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02

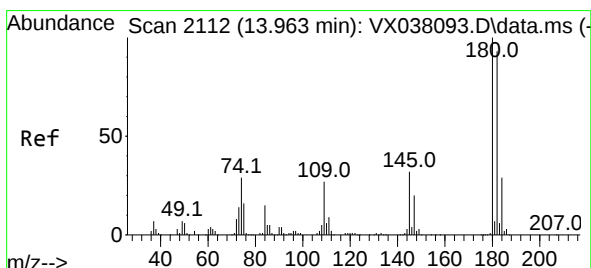
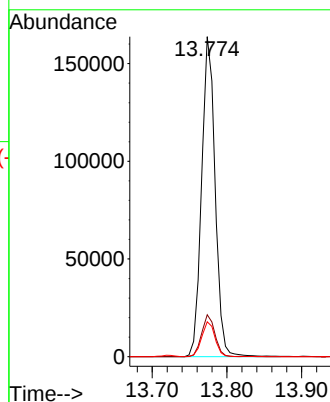
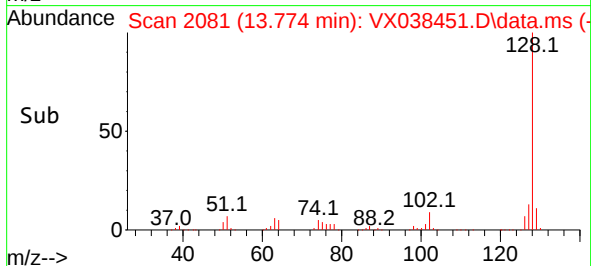
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBS01



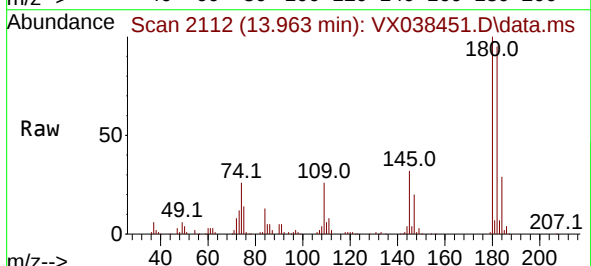
Tgt Ion:128 Resp: 205734
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.332 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038451.D
Acq: 24 Oct 2023 13:02



Tgt Ion:180 Resp: 61003
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.6
145 32.2 17.8 53.5

