

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032201.D
 Acq On : 19 Oct 2022 12:32
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 19 12:57:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 11:57:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84576	47.806	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.620%			
35) Dibromofluoromethane	5.385	113	71110	54.699	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	8.653	98	262262	55.377	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.760%			
62) 4-Bromofluorobenzene	11.079	95	96838	52.542	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	56202	47.125	ug/l	99
3) Chloromethane	1.295	50	59193	47.529	ug/l	96
4) Vinyl Chloride	1.374	62	64442	51.992	ug/l	98
5) Bromomethane	1.612	94	67146	91.000	ug/l	100
6) Chloroethane	1.685	64	54185	66.185	ug/l	97
7) Trichlorofluoromethane	1.886	101	109116	52.482	ug/l	97
8) Diethyl Ether	2.130	74	39099	54.347	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	58129	47.591	ug/l	95
10) Methyl Iodide	2.453	142	91920	54.397	ug/l	95
11) Tert butyl alcohol	2.977	59	58353	139.021	ug/l	99
12) 1,1-Dichloroethene	2.319	96	58345	51.004	ug/l	99
13) Acrolein	2.233	56	49814	427.217	ug/l	100
14) Allyl chloride	2.666	41	92718	44.598	ug/l	91
15) Acrylonitrile	3.063	53	160463	221.754	ug/l	98
16) Acetone	2.380	43	132705	175.920	ug/l	92
17) Carbon Disulfide	2.514	76	137989	48.134	ug/l	99
18) Methyl Acetate	2.703	43	94407	39.918	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	200417	47.672	ug/l	99
20) Methylene Chloride	2.788	84	66737	46.071	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	64299	51.343	ug/l	100
22) Diisopropyl ether	3.758	45	199111	48.763	ug/l	90
23) Vinyl Acetate	3.721	43	819607	247.213	ug/l	96
24) 1,1-Dichloroethane	3.611	63	113754	47.477	ug/l	99
25) 2-Butanone	4.556	43	214726	193.261	ug/l	95
26) 2,2-Dichloropropane	4.477	77	86569	41.251	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	75483	52.190	ug/l	98
28) Bromochloromethane	4.898	49	44390	45.470	ug/l	100
29) Tetrahydrofuran	5.007	42	140730	202.365	ug/l	93
30) Chloroform	5.093	83	125224	49.147	ug/l	99
31) Cyclohexane	5.477	56	94323	45.580	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	110057	48.263	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90139	50.577	ug/l	99
37) Ethyl Acetate	4.715	43	87584	42.175	ug/l	96
38) Carbon Tetrachloride	5.678	117	98086	48.897	ug/l	99
39) Methylcyclohexane	7.385	83	106057	49.843	ug/l	97
40) Benzene	6.038	78	263189	51.488	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50171	45.303	ug/l	94
42) 1,2-Dichloroethane	6.092	62	101601	47.666	ug/l	96
43) Isopropyl Acetate	6.342	43	145036	43.874	ug/l	94
44) Trichloroethene	7.129	130	72896	50.756	ug/l	99
45) 1,2-Dichloropropane	7.428	63	67189	49.801	ug/l	96
46) Dibromomethane	7.580	93	50478	51.114	ug/l	98
47) Bromodichloromethane	7.824	83	94002	51.191	ug/l	97
48) Methyl methacrylate	7.690	41	72717	44.087	ug/l #	87
49) 1,4-Dioxane	7.690	88	29143	843.831	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	456659	216.784	ug/l	92
52) Toluene	8.720	92	171292	51.128	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	98108	47.111	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107228	49.757	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	70575	49.464	ug/l	99
56) Ethyl methacrylate	9.116	69	103301	48.285	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	114199	49.146	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	229664	222.424	ug/l	100
59) 2-Hexanone	9.433	43	339319	206.726	ug/l	89
60) Dibromochloromethane	9.525	129	75624	52.506	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75426	49.612	ug/l	99
64) Tetrachloroethene	9.275	164	60047	43.764	ug/l	95
65) Chlorobenzene	10.080	112	189291	51.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70410	52.138	ug/l	99
67) Ethyl Benzene	10.195	91	339406	53.247	ug/l	99
68) m/p-Xylenes	10.299	106	265308	108.718	ug/l	100
69) o-Xylene	10.640	106	129323	53.089	ug/l	100
70) Styrene	10.659	104	217855	55.129	ug/l	99
71) Bromoform	10.799	173	54270	53.373	ug/l #	99
73) Isopropylbenzene	10.964	105	343591	49.432	ug/l	100
74) N-amyl acetate	10.842	43	134533	45.978	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	110632	49.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95699m	44.589	ug/l	
77) Bromobenzene	11.201	156	84021	48.097	ug/l	93
78) n-propylbenzene	11.305	91	401307	51.107	ug/l	100
79) 2-Chlorotoluene	11.366	91	237157	48.623	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	297919	50.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29588	40.544	ug/l	88
82) 4-Chlorotoluene	11.457	91	279359	50.340	ug/l	100
83) tert-Butylbenzene	11.713	119	298039	52.704	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	297164	51.560	ug/l	99
85) sec-Butylbenzene	11.890	105	365085	51.528	ug/l	99
86) p-Isopropyltoluene	12.012	119	312879	52.608	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160607	51.327	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	164355	51.458	ug/l	99
89) n-Butylbenzene	12.335	91	277956	54.015	ug/l	98
90) Hexachloroethane	12.543	117	48960	51.096	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	158246	51.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23036	44.652	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	104661	57.855	ug/l	98
94) Hexachlorobutadiene	13.725	225	44123	48.843	ug/l	99
95) Naphthalene	13.774	128	346958	59.642	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104937	57.550	ug/l	99

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Response via : Initial Calibration

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

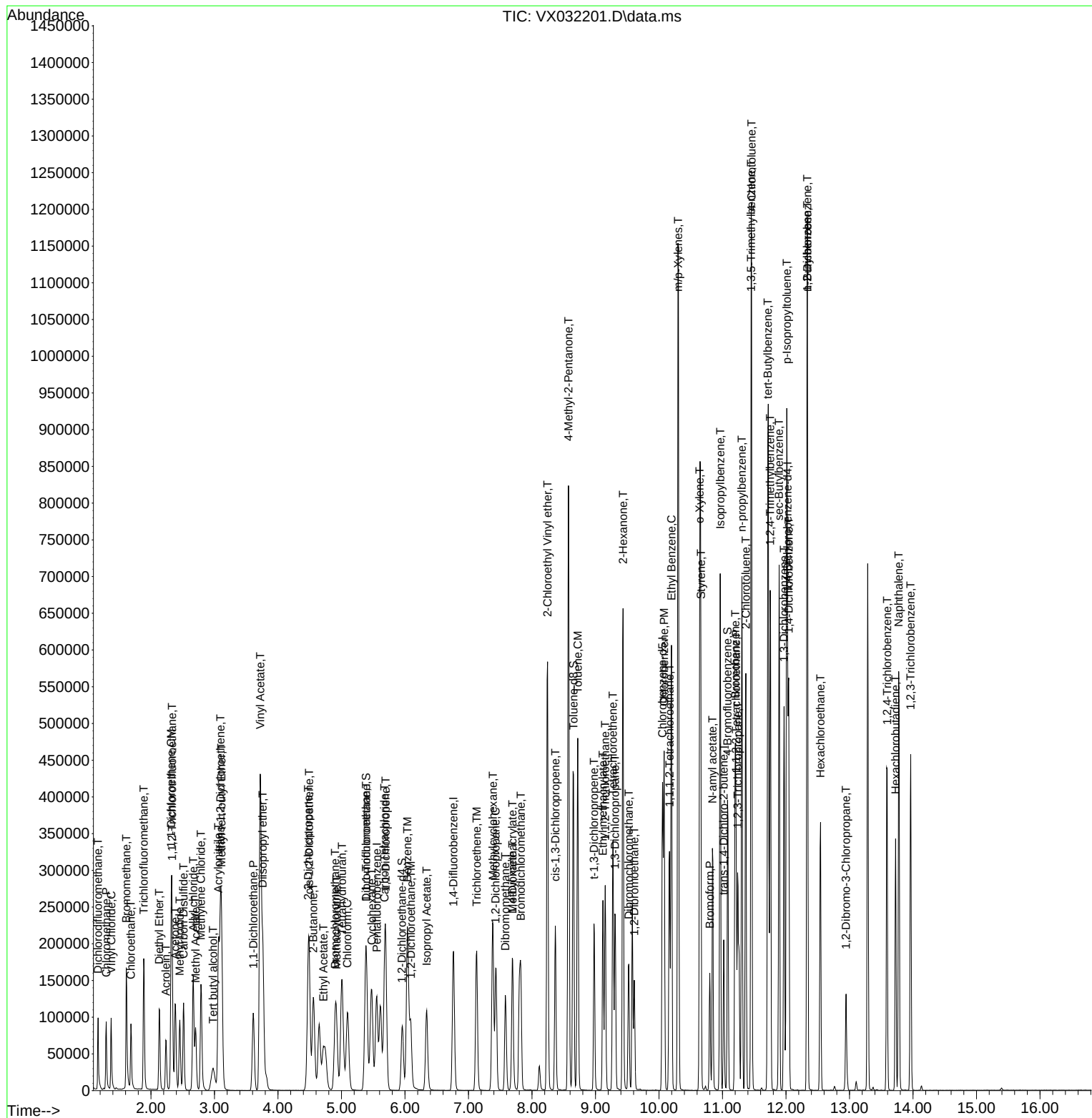
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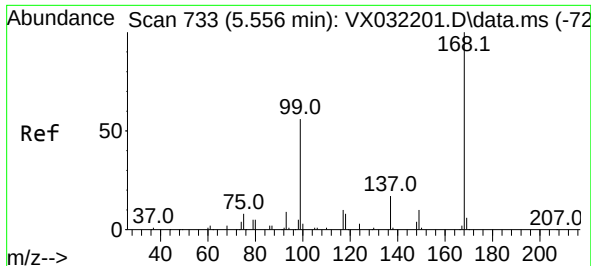
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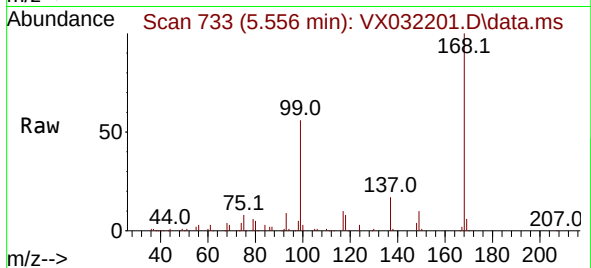
Reviewed By : John Carlone 10/20/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032201.D
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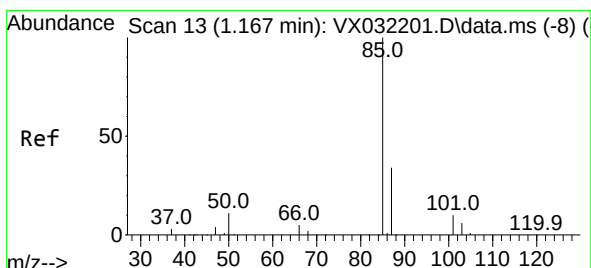
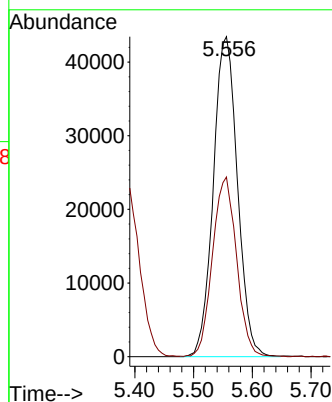
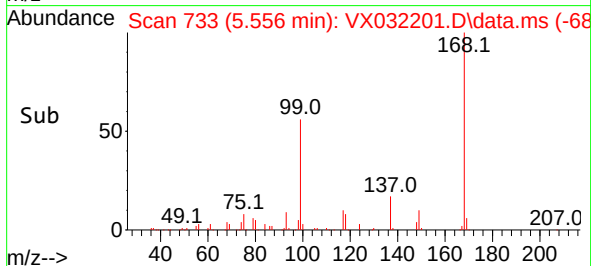
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 12406
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6

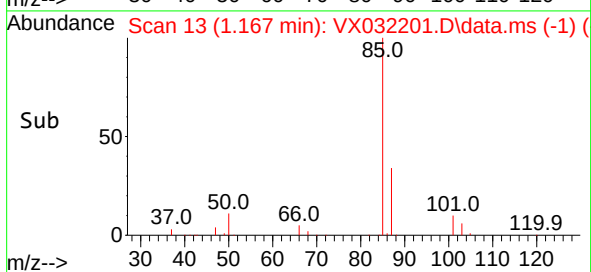
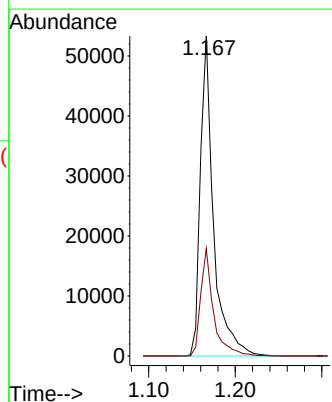
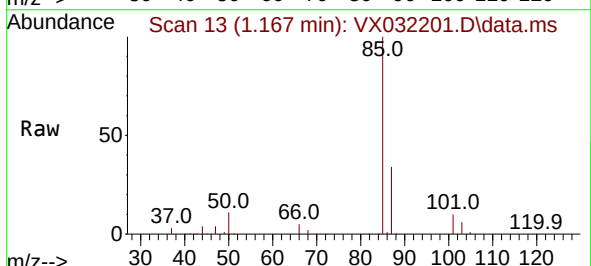
Manual Integrations
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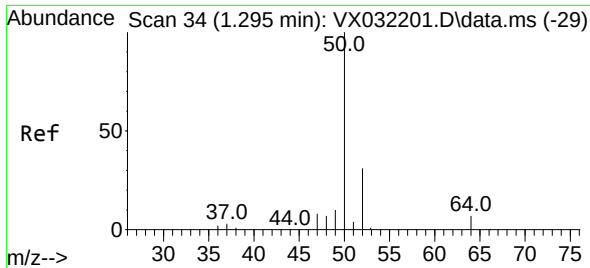
Reviewed By :John Carlone 10/20/2022
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#2
Dichlorodifluoromethane
Concen: 47.125 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

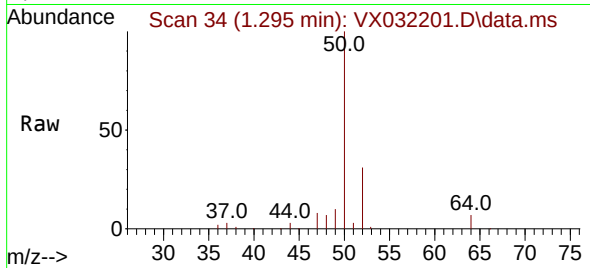
Tgt Ion: 85 Resp: 56202
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





#3
Chloromethane
Concen: 47.529 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

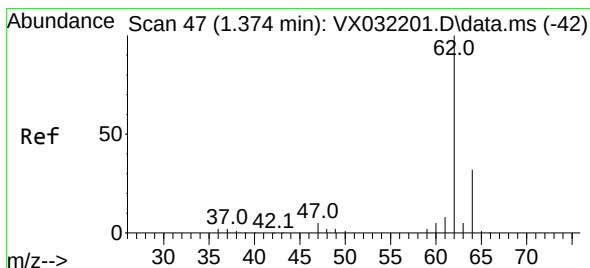
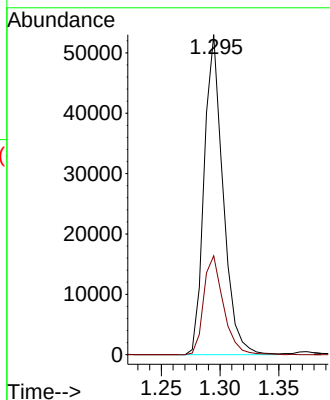
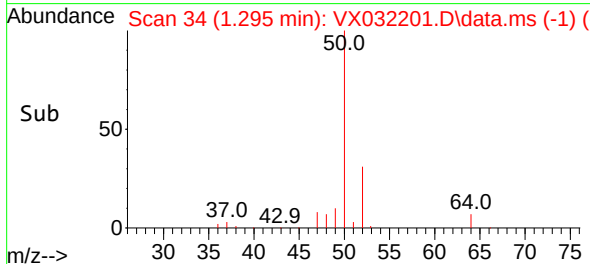
Instrument :
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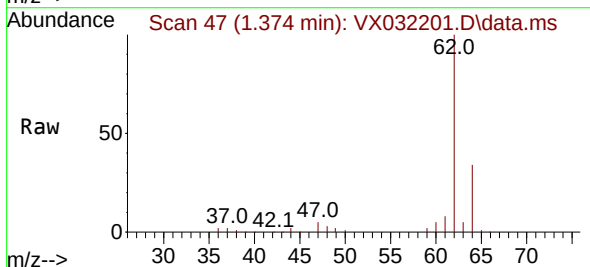
Tgt Ion: 50 Resp: 5919
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

Manual Integrations
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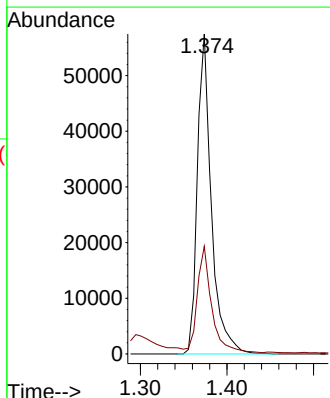
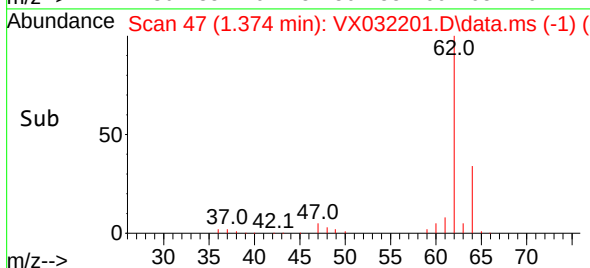
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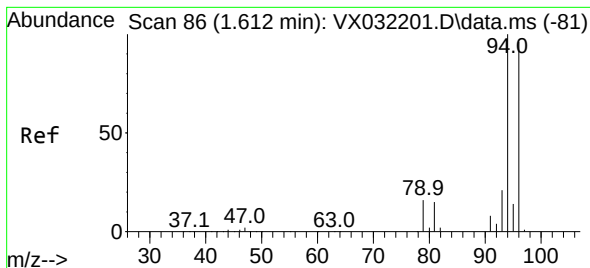


#4
Vinyl Chloride
Concen: 51.992 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



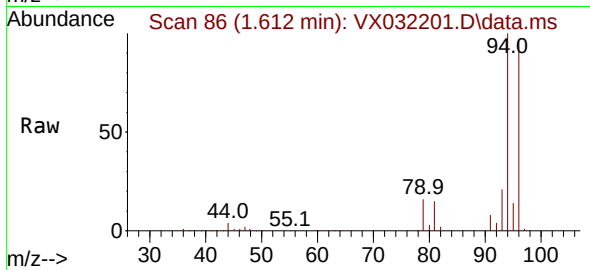
Tgt Ion: 62 Resp: 64442
Ion Ratio Lower Upper
62 100
64 33.2 25.7 38.5





#5
Bromomethane
Concen: 91.000 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

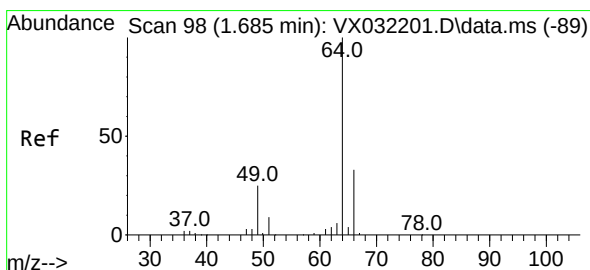
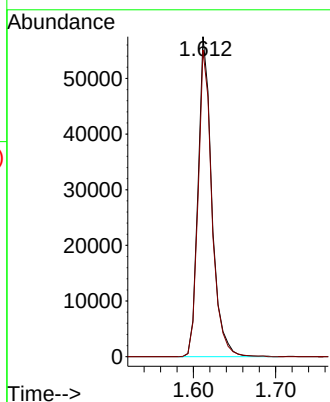
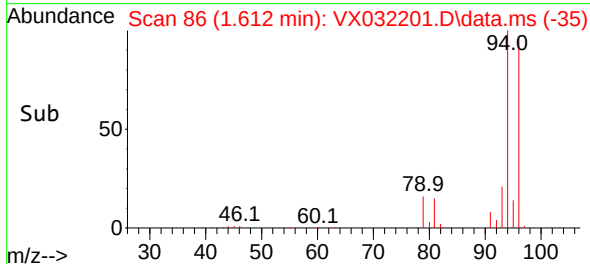
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Tgt Ion: 94 Resp: 67140
Ion Ratio Lower Upper
94 100
96 95.9 76.4 114.6

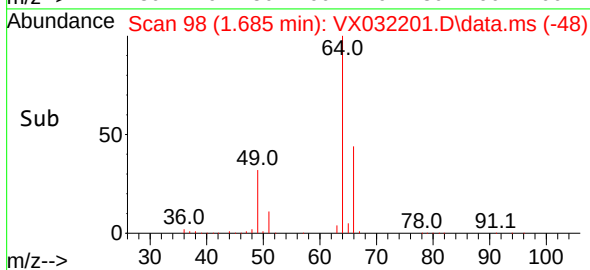
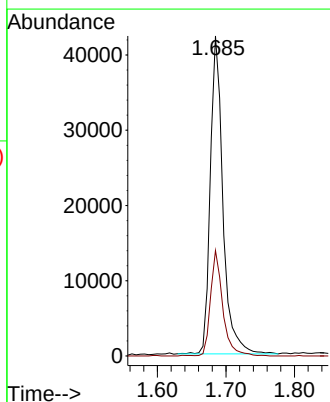
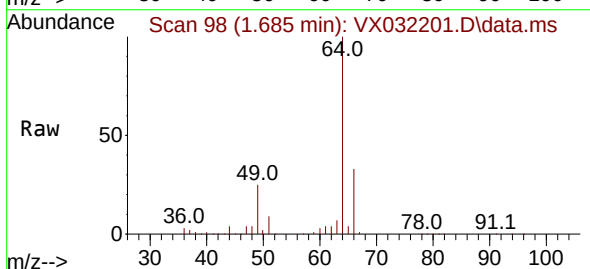
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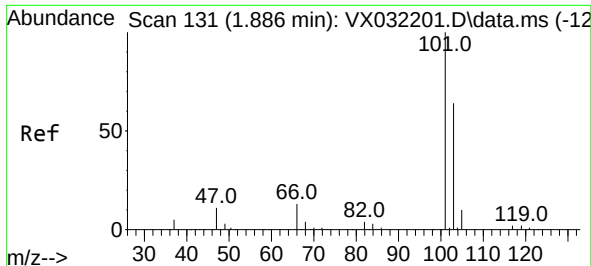
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 66.185 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

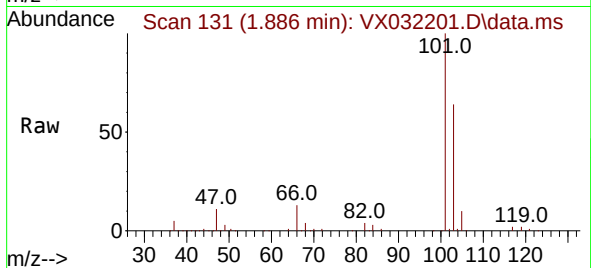
Tgt Ion: 64 Resp: 54185
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 52.482 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32

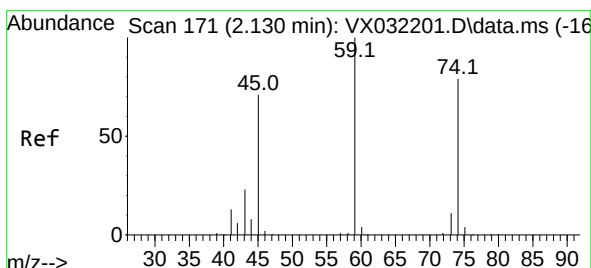
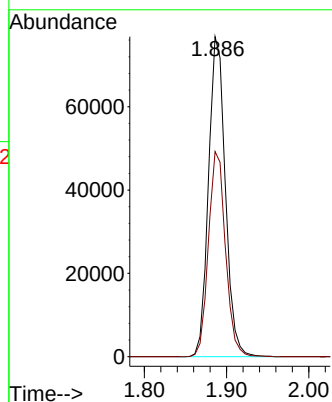
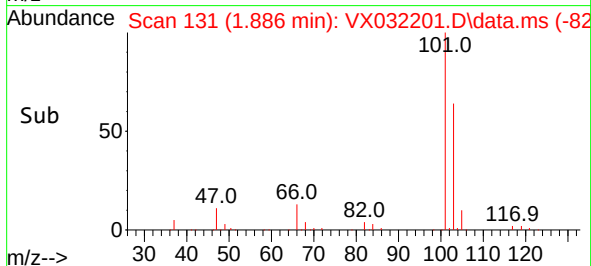
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 109110
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

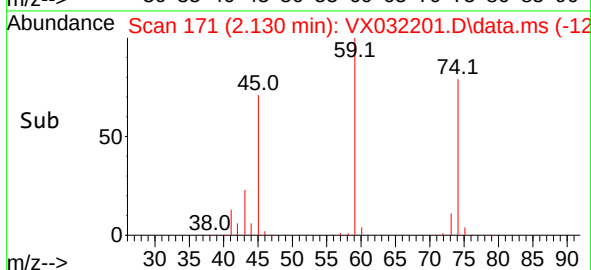
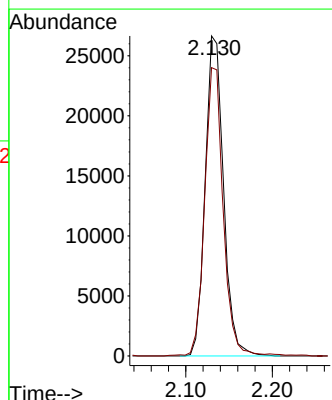
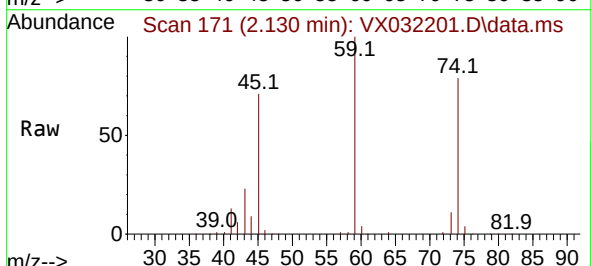
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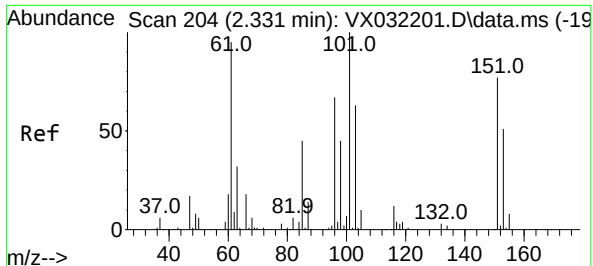
Reviewed By :John Carlone 10/20/2022
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#8
 Diethyl Ether
 Concen: 54.347 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.012 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32

Tgt Ion: 74 Resp: 39099
 Ion Ratio Lower Upper
 74 100
 45 91.7 44.5 133.5





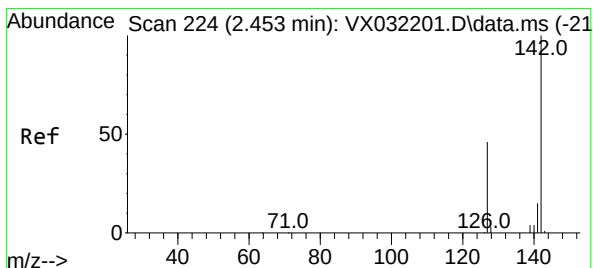
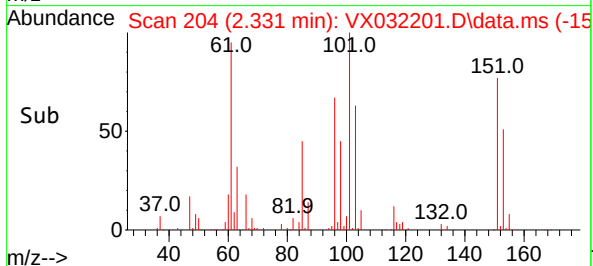
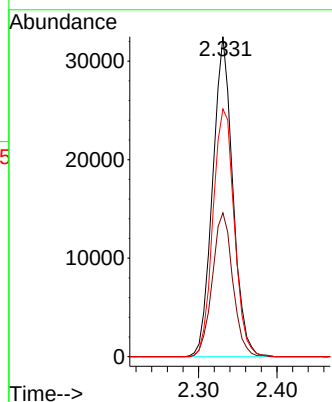
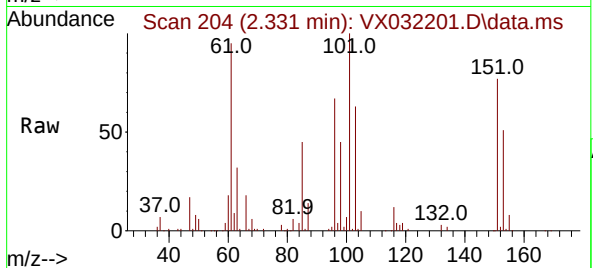
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.591 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 58129
Ion Ratio Lower Upper
101 100
85 45.6 34.9 52.3
151 81.9 61.4 92.2

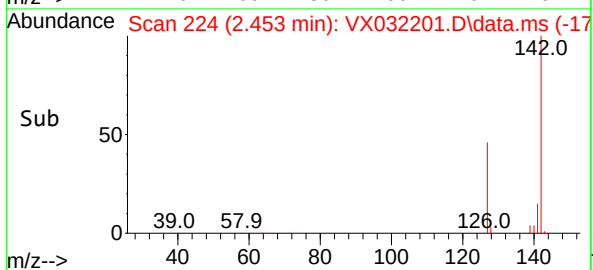
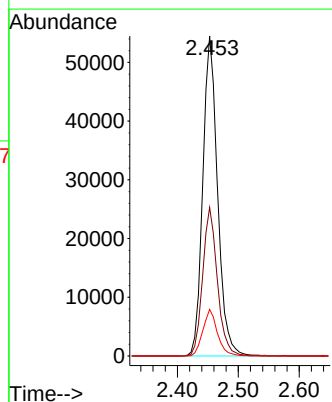
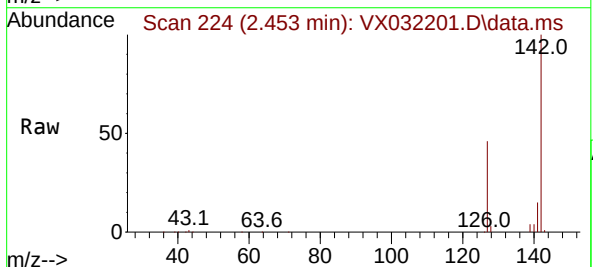
Manual Integrations
APPROVED

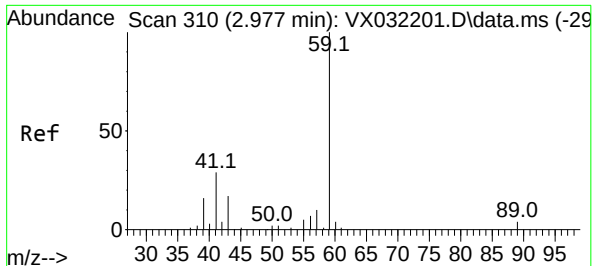
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 54.397 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:142 Resp: 91920
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 139.021 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 5835

Ion Ratio Lower Upper

59 100

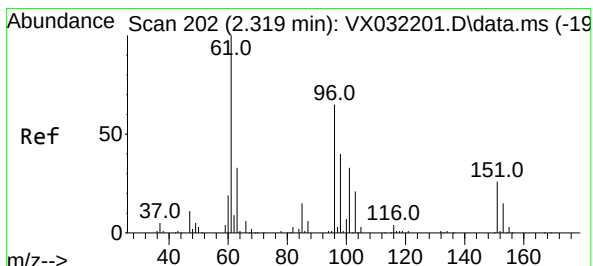
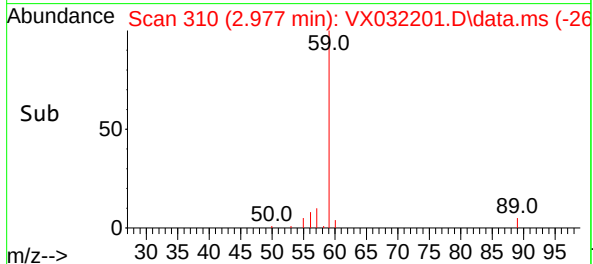
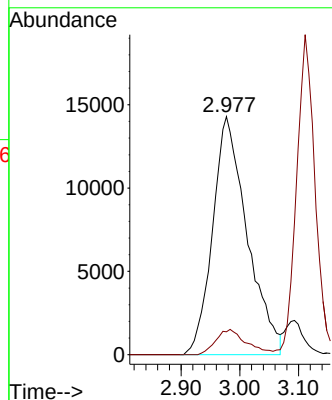
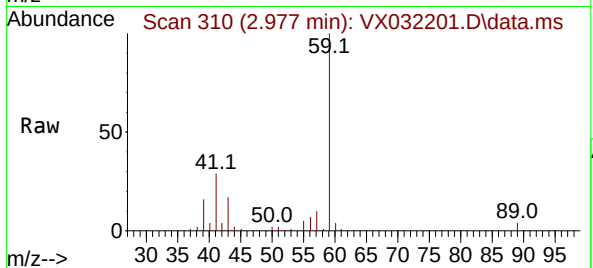
57 9.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#12

1,1-Dichloroethene

Concen: 51.004 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

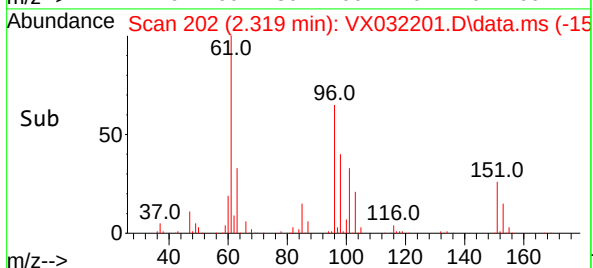
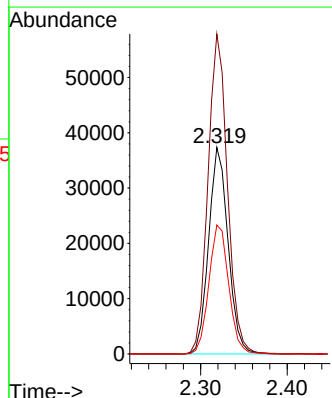
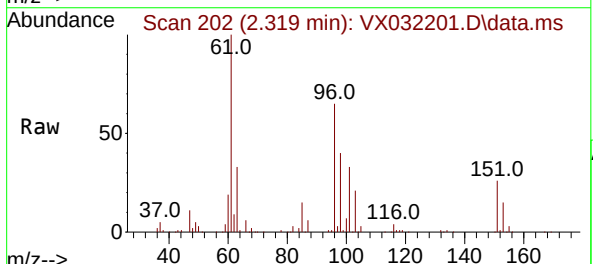
Tgt Ion: 96 Resp: 58345

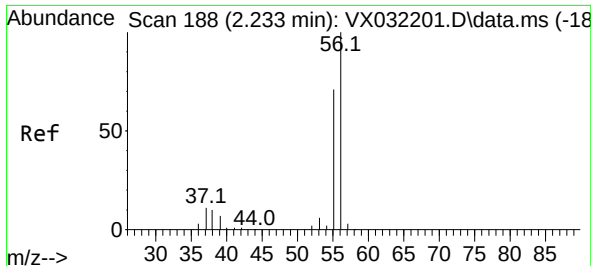
Ion Ratio Lower Upper

96 100

61 155.0 124.6 187.0

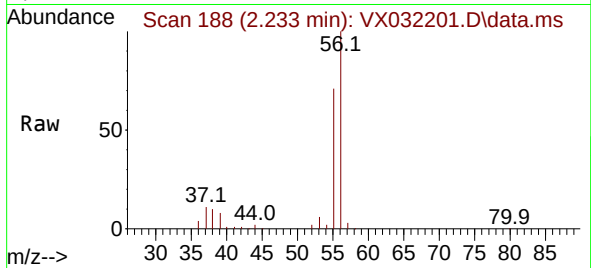
98 62.5 50.6 76.0





#13
Acrolein
Concen: 427.217 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

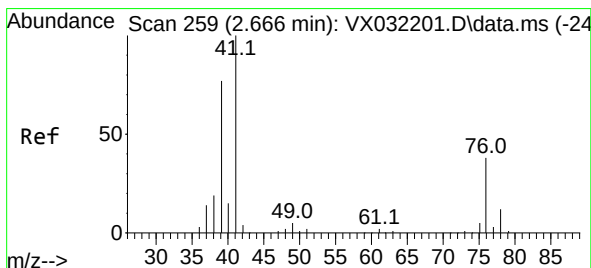
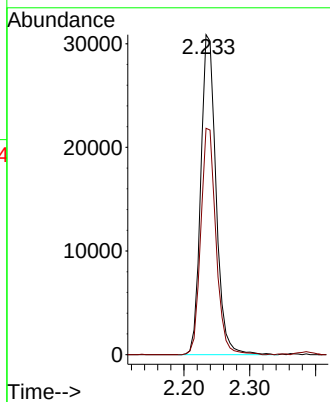
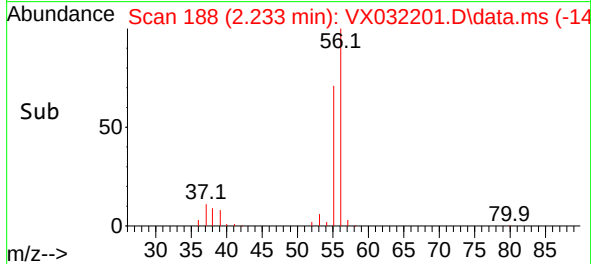
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 49814
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

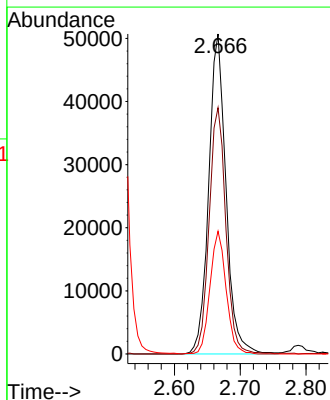
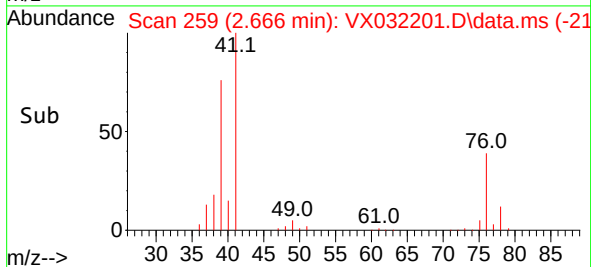
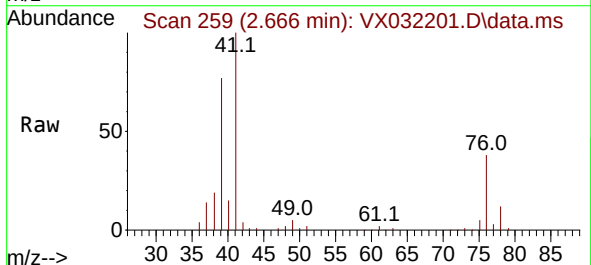
Manual Integrations
APPROVED

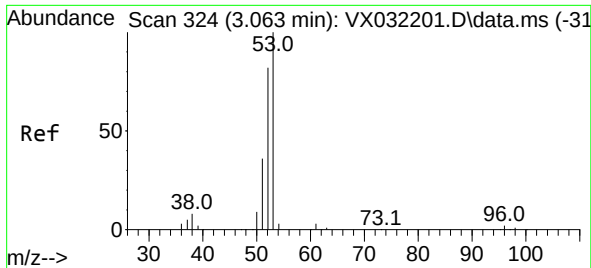
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 44.598 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

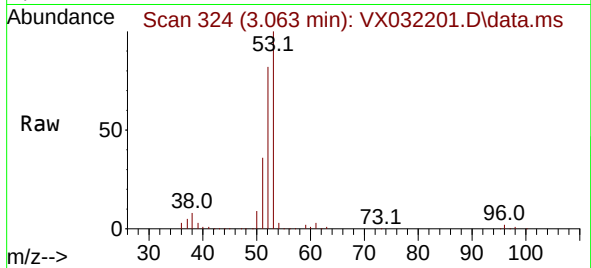
Tgt Ion: 41 Resp: 92718
Ion Ratio Lower Upper
41 100
39 74.4 51.6 77.4
76 35.7 30.5 45.7





#15
Acrylonitrile
Concen: 221.754 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

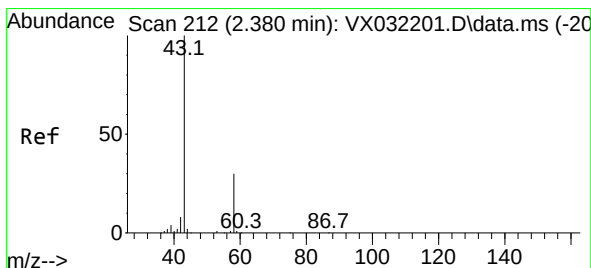
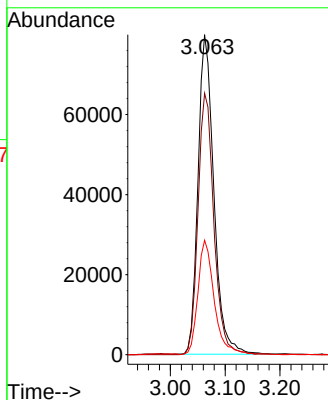
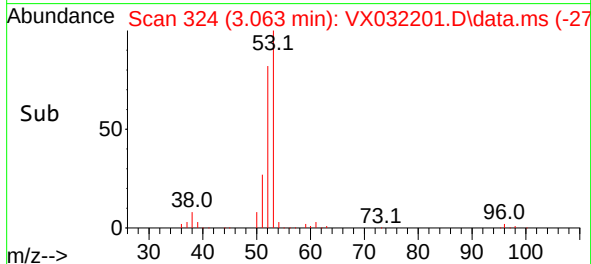
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 16046
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 37.1 28.2 42.2

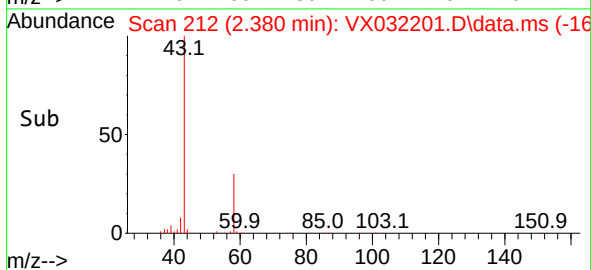
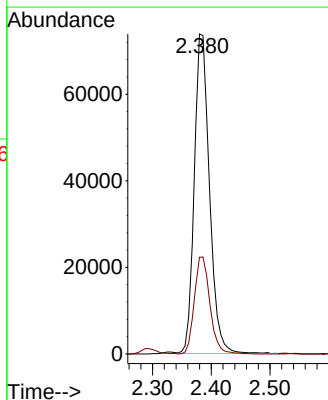
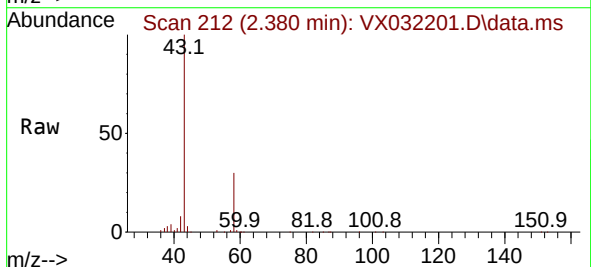
Manual Integrations
APPROVED

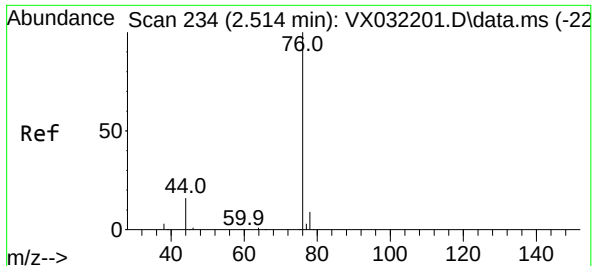
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 175.920 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

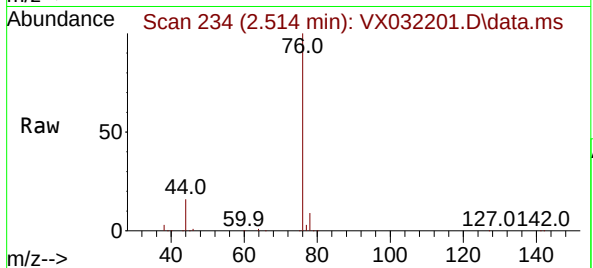
Tgt Ion: 43 Resp: 132705
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8





#17
Carbon Disulfide
Concen: 48.134 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

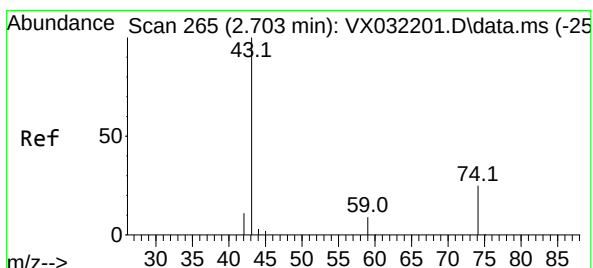
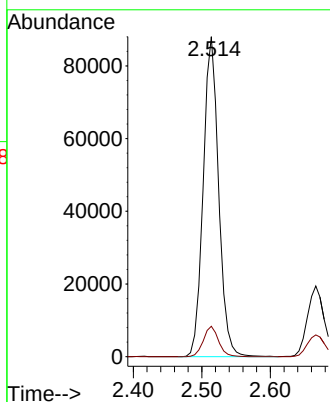
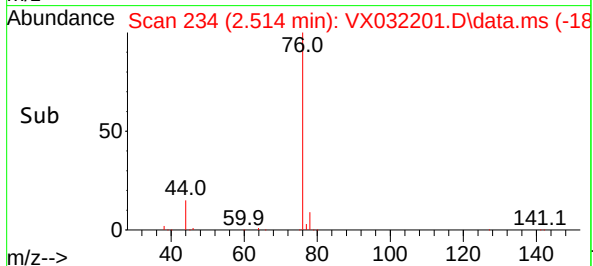
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



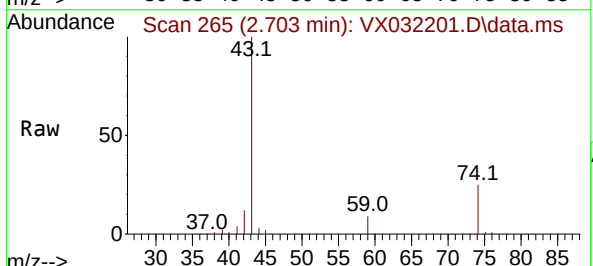
Tgt Ion: 76 Resp: 137989
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

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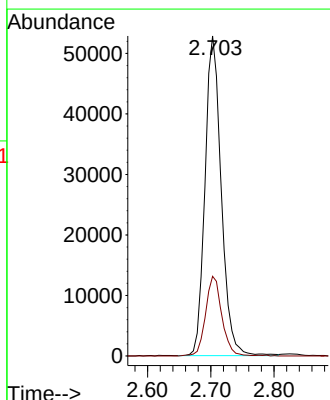
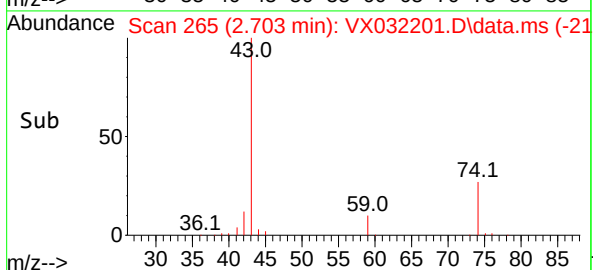
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

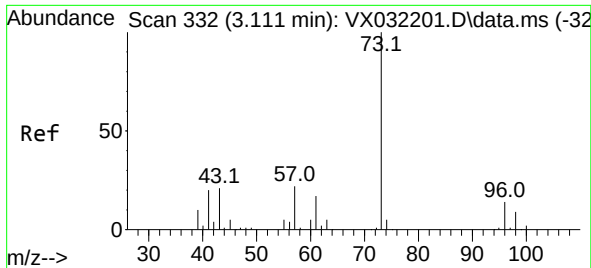


#18
Methyl Acetate
Concen: 39.918 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



Tgt Ion: 43 Resp: 94407
Ion Ratio Lower Upper
43 100
74 24.8 21.9 32.9





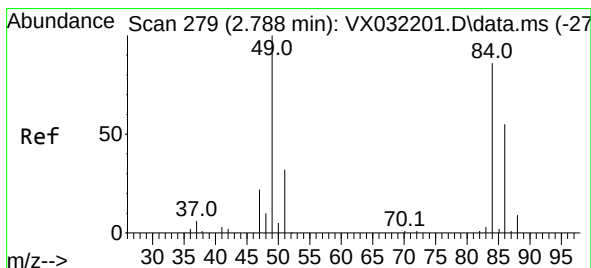
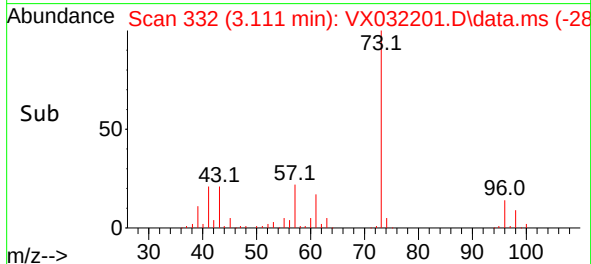
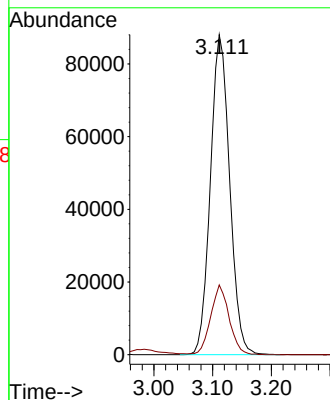
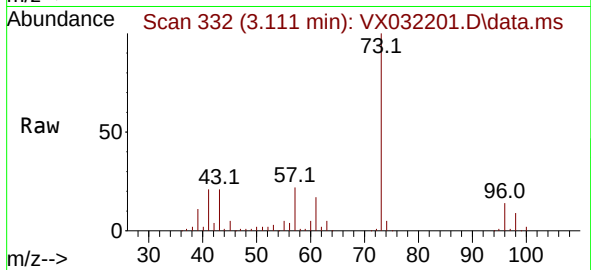
#19
Methyl tert-butyl Ether
Concen: 47.672 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 20041
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

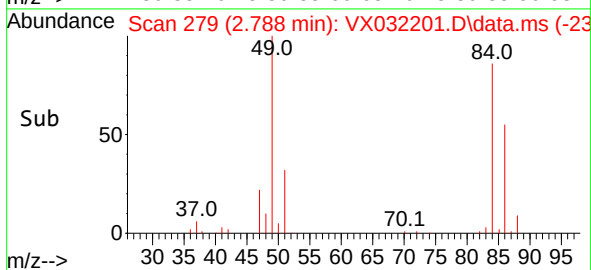
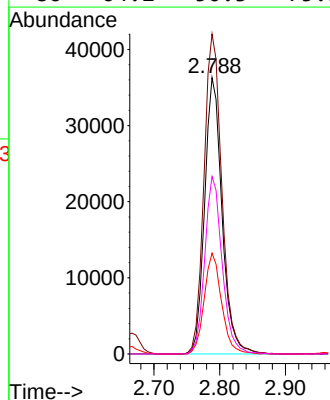
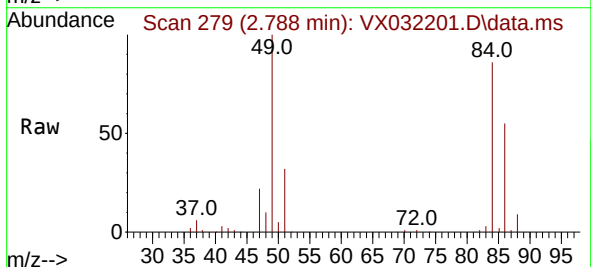
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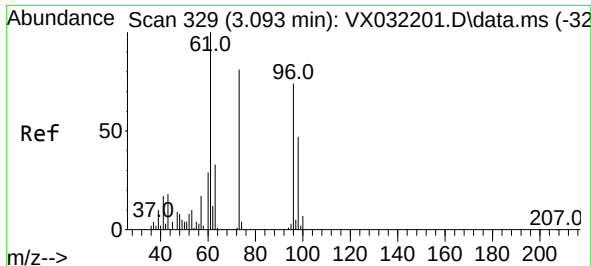
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 46.071 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

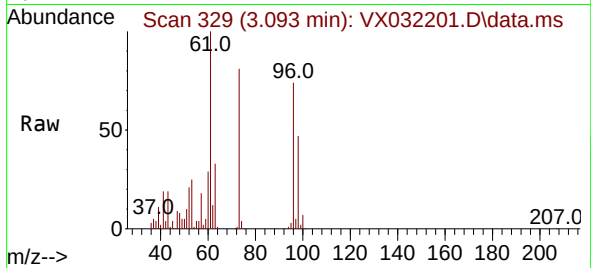
Tgt Ion: 84 Resp: 66737
Ion Ratio Lower Upper
84 100
49 115.8 88.6 132.8
51 36.5 27.0 40.6
86 64.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.343 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

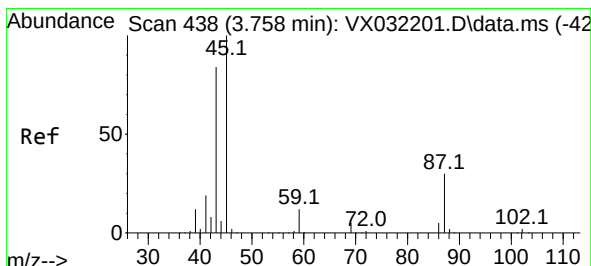
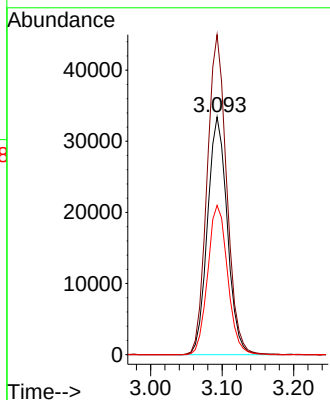
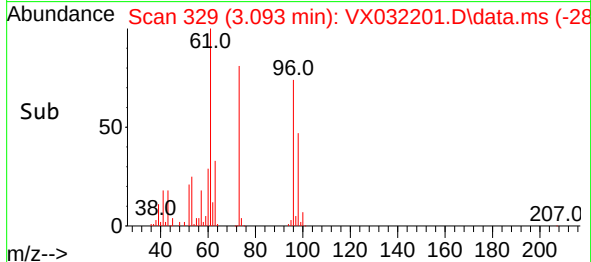
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 64298
Ion Ratio Lower Upper
96 100
61 134.6 107.7 161.5
98 62.8 50.4 75.6

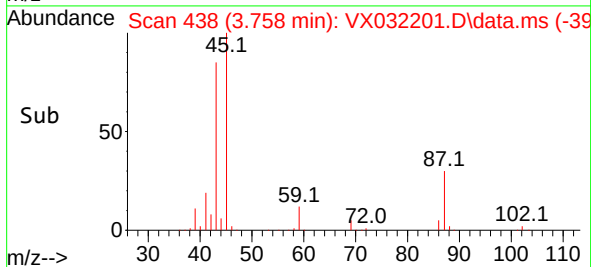
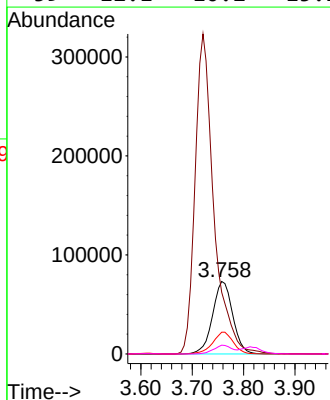
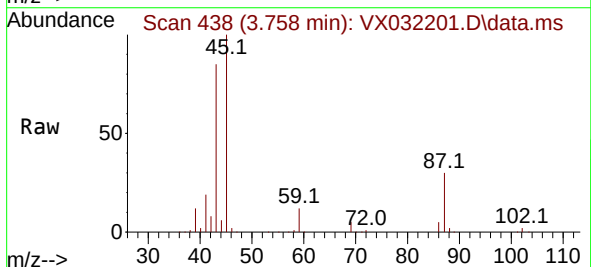
Manual Integrations
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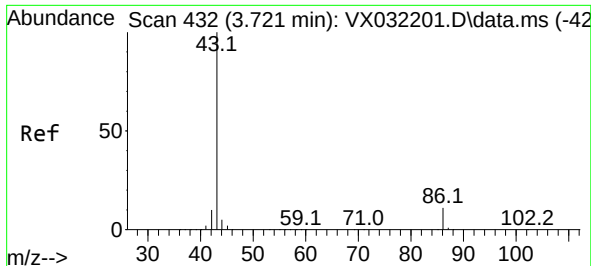
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 48.763 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.018 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 45 Resp: 199111
Ion Ratio Lower Upper
45 100
43 84.4 58.0 87.0
87 30.0 25.4 38.0
59 12.1 10.2 15.2





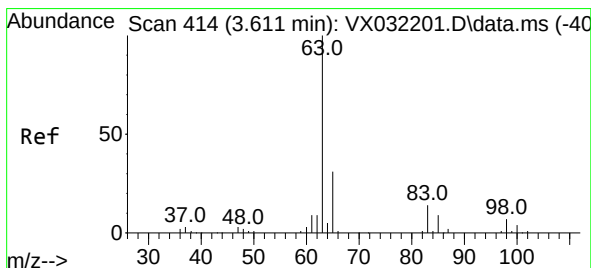
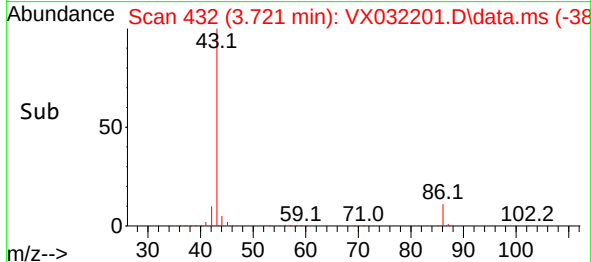
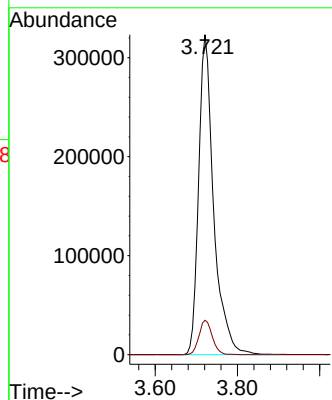
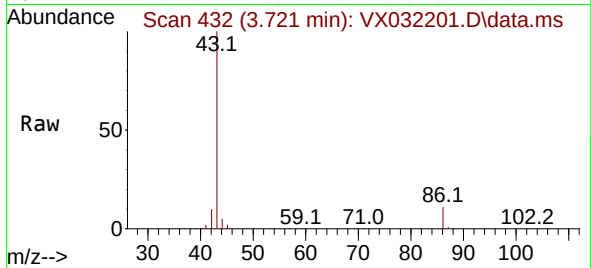
#23
 Vinyl Acetate
 Concen: 247.213 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 81960
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.9 14.9

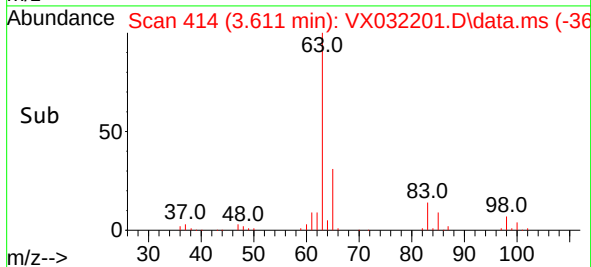
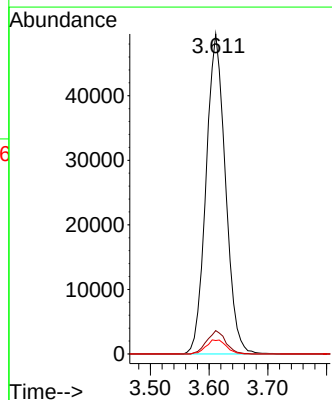
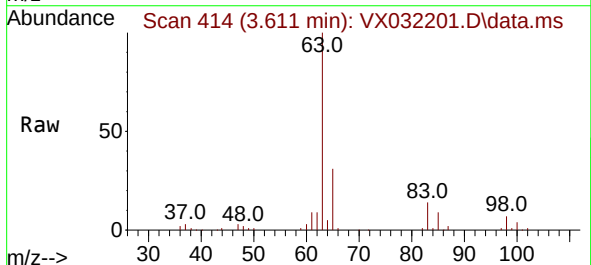
Manual Integrations
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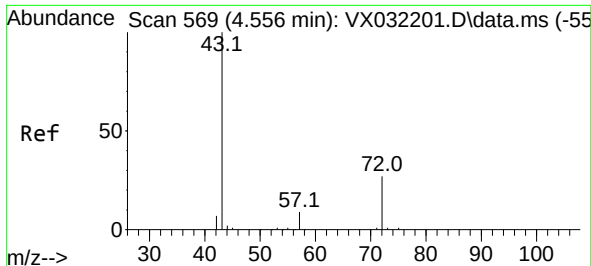
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 47.477 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32

Tgt Ion: 63 Resp: 113754
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.2 2.5 7.5





#25

2-Butanone

Concen: 193.261 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 214720

Ion Ratio Lower Upper

43 100

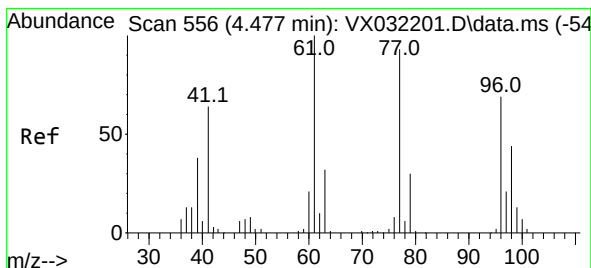
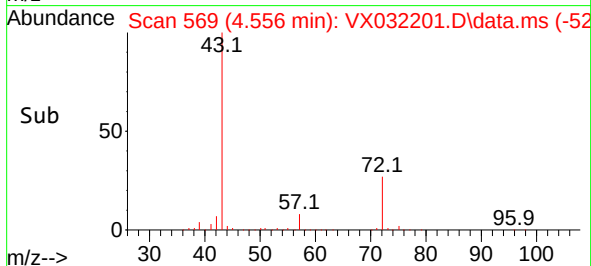
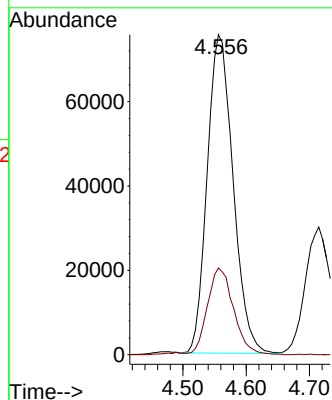
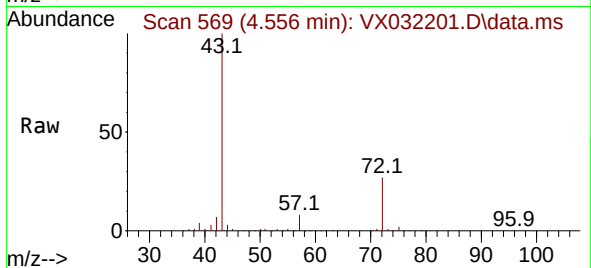
72 27.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#26

2,2-Dichloropropane

Concen: 41.251 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.012 min

Lab File: VX032201.D

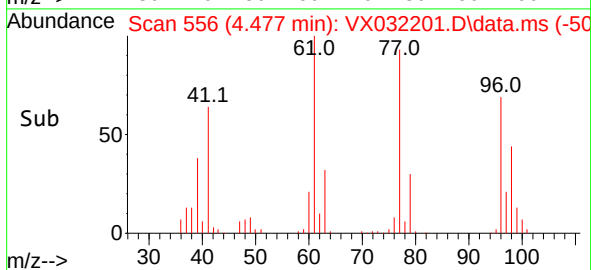
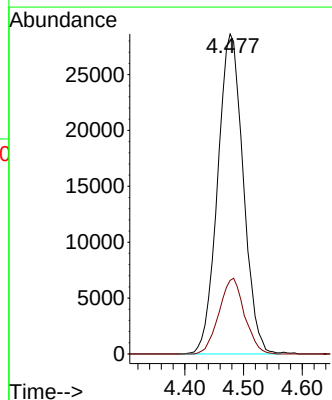
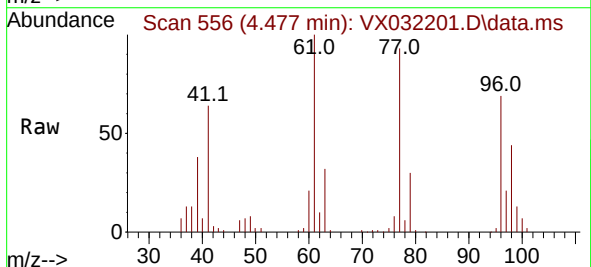
Acq: 19 Oct 2022 12:32

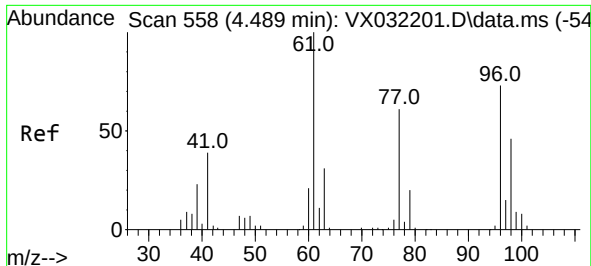
Tgt Ion: 77 Resp: 86569

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 52.190 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 7548

Ion Ratio Lower Upper

96 100

61 139.6 0.0 285.6

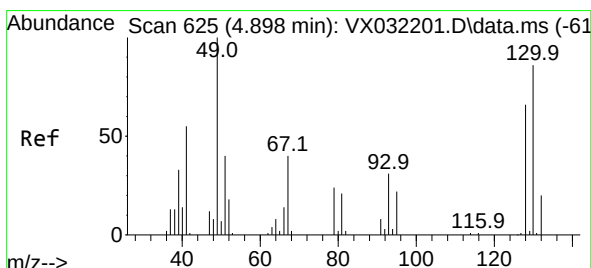
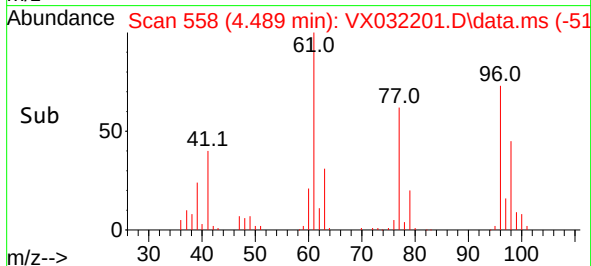
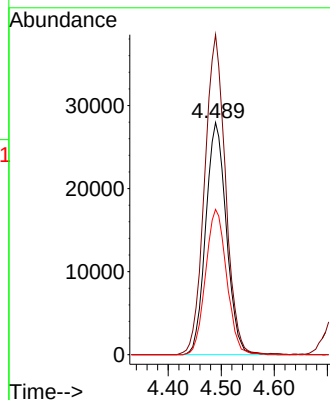
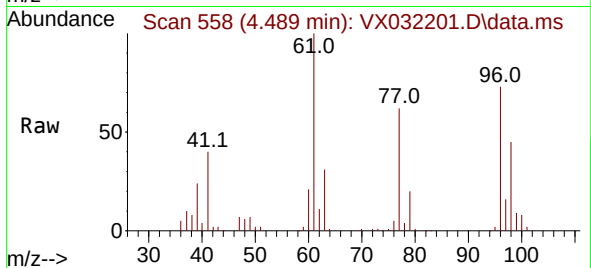
98 64.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#28

Bromochloromethane

Concen: 45.470 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

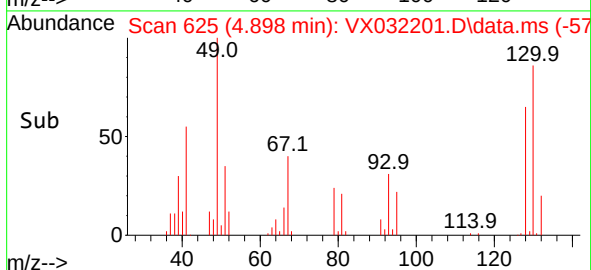
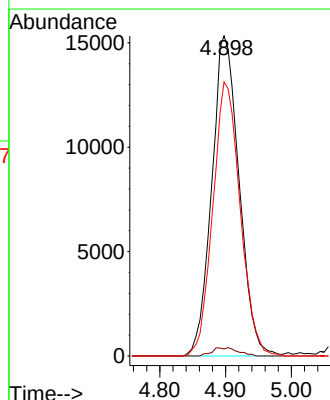
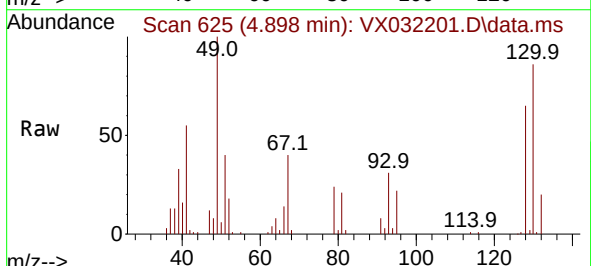
Tgt Ion: 49 Resp: 44390

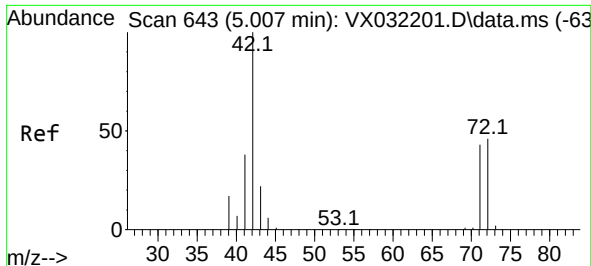
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 85.4 68.2 102.2





#29

Tetrahydrofuran

Concen: 202.365 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 140730

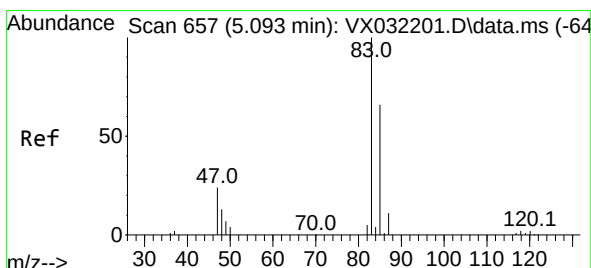
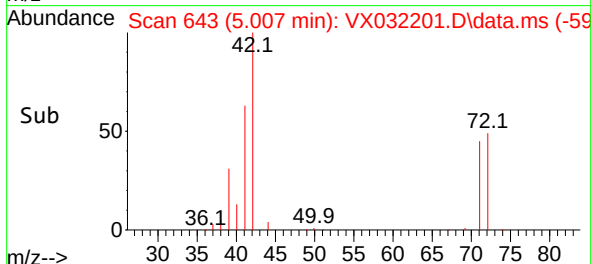
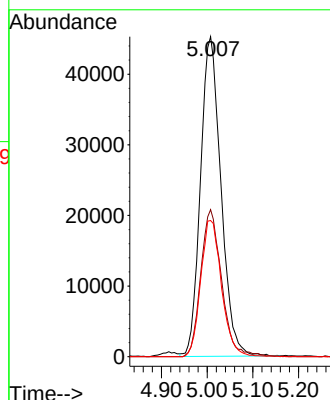
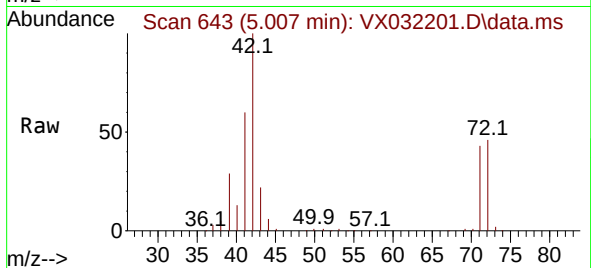
Ion	Ratio	Lower	Upper
42	100		
72	46.9	41.7	62.5
71	43.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 49.147 ug/l

RT: 5.093 min Scan# 657

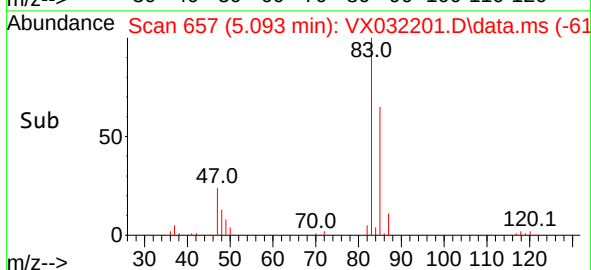
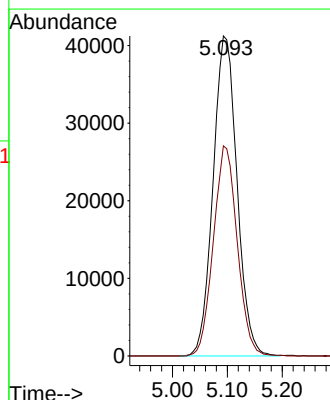
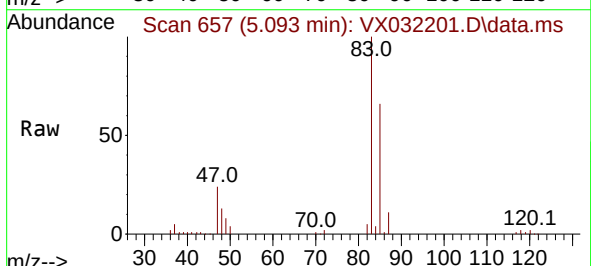
Delta R.T. -0.012 min

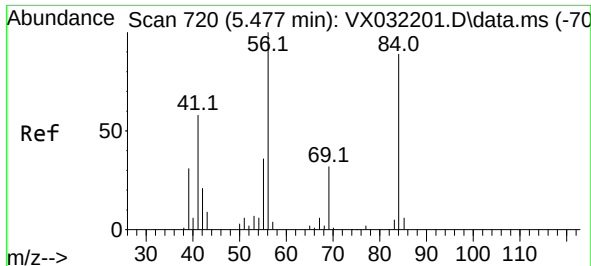
Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Tgt Ion: 83 Resp: 125224

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





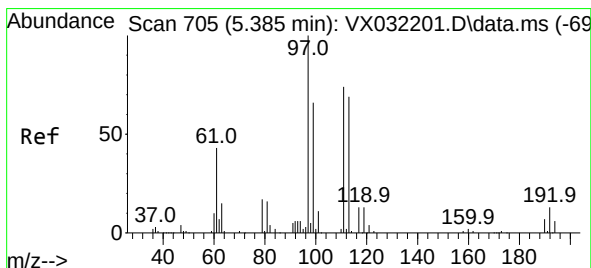
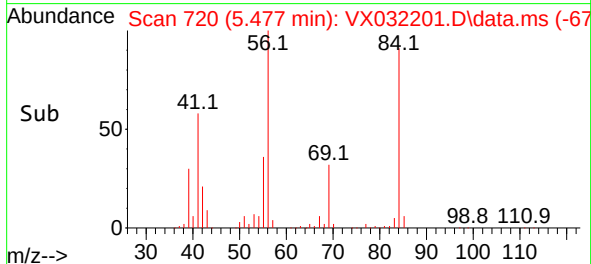
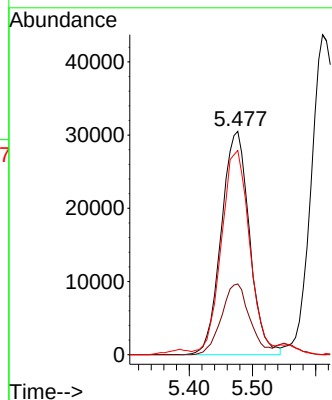
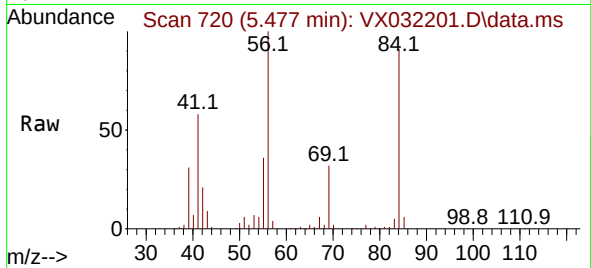
#31
Cyclohexane
Concen: 45.580 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 9432
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 89.0 71.4 107.0

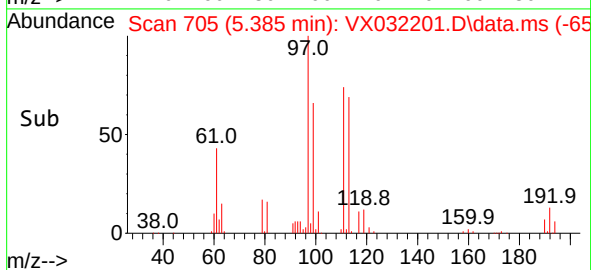
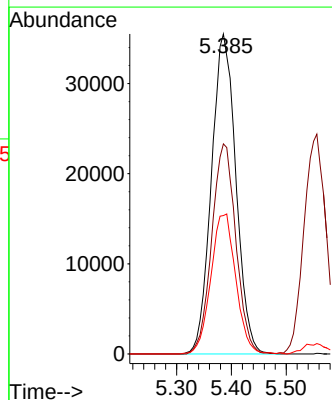
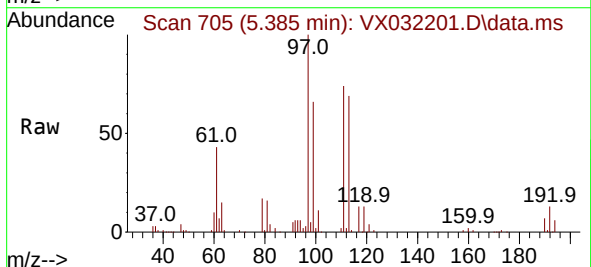
Manual Integrations
APPROVED

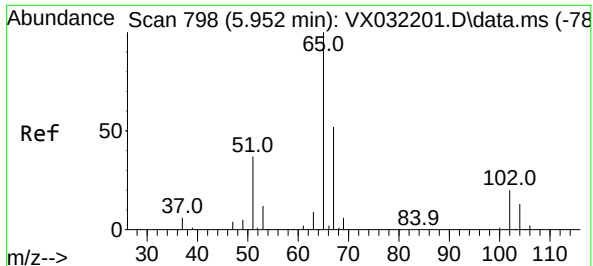
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 48.263 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 97 Resp: 110057
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 44.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.806 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.019 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 84570

Ion Ratio Lower Upper

65 100

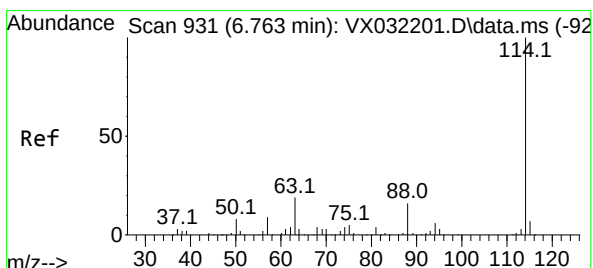
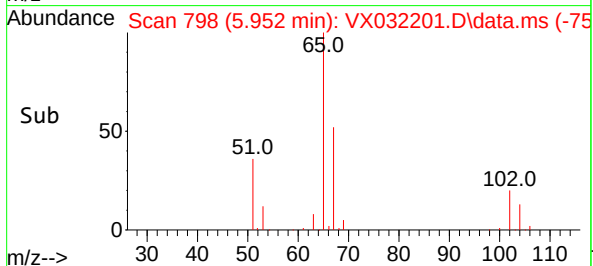
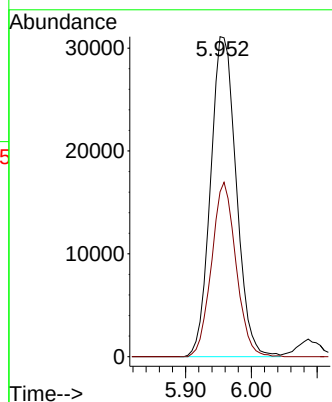
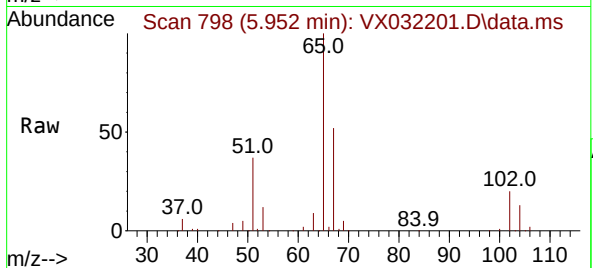
67 51.8 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

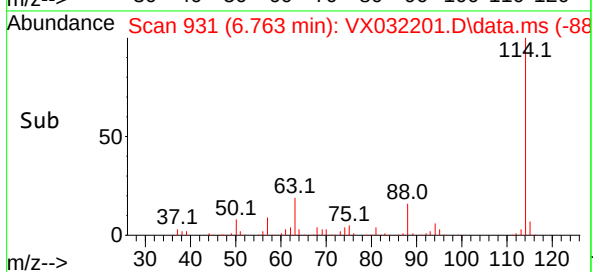
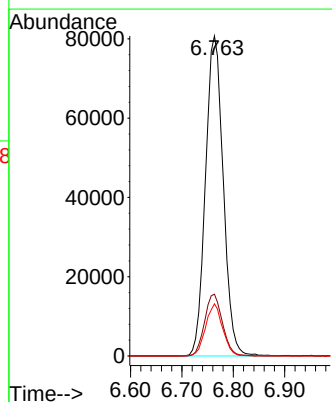
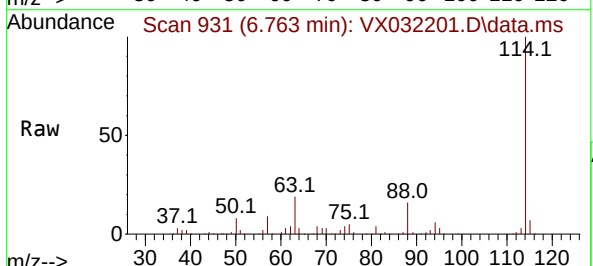
Tgt Ion:114 Resp: 193847

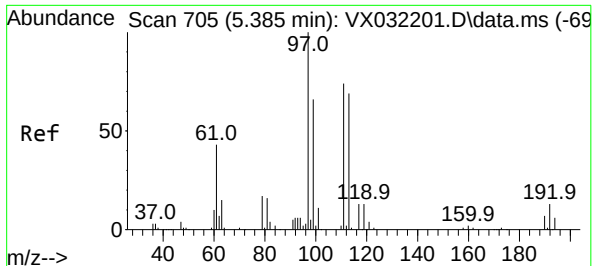
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.699 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

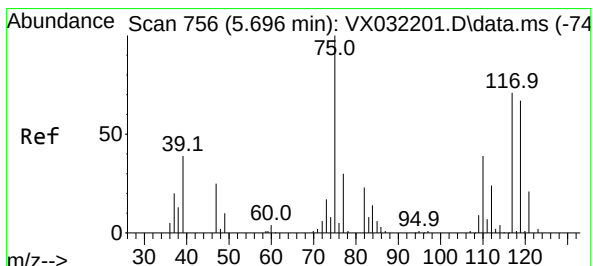
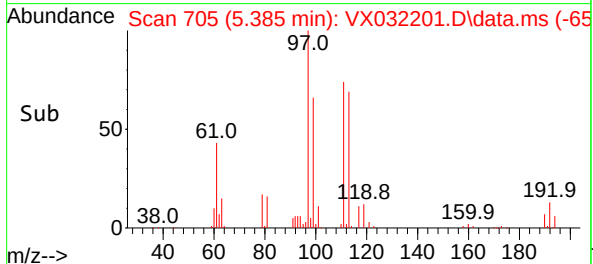
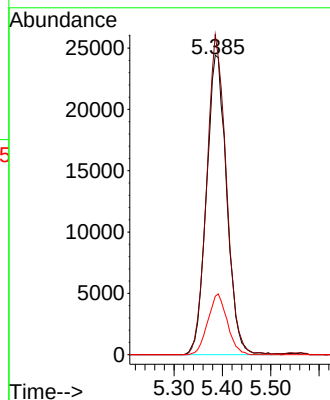
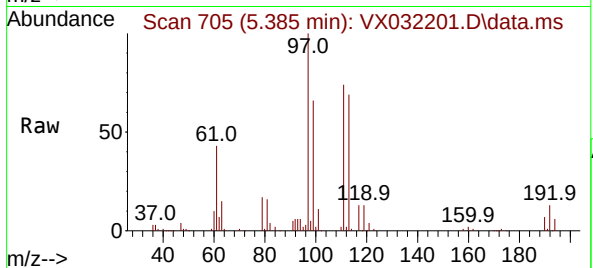
Tgt Ion:113	Resp:	71110
Ion	Ratio	Lower Upper
113	100	
111	103.5	81.9 122.9
192	19.4	16.7 25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 50.577 ug/l

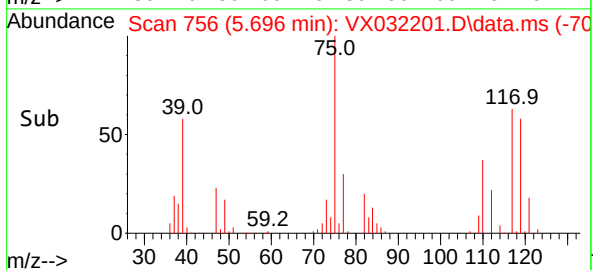
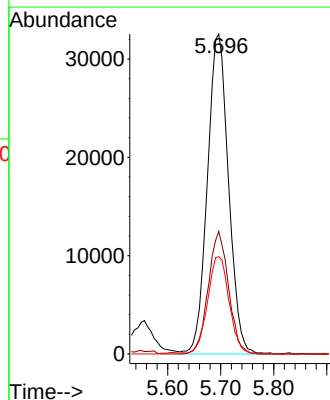
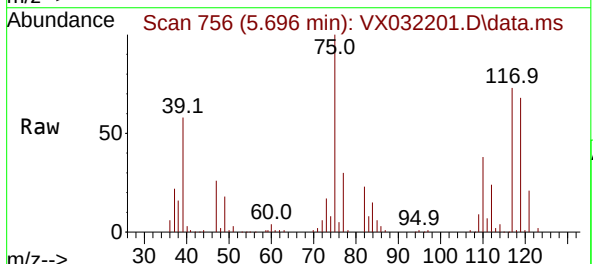
RT: 5.696 min Scan# 756

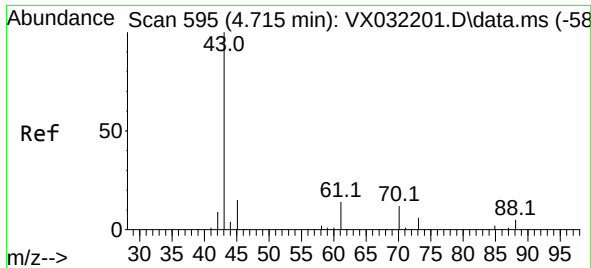
Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

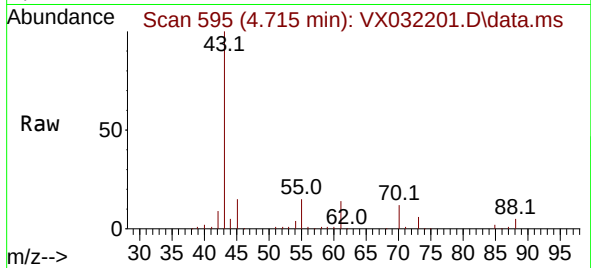
Tgt Ion: 75	Resp:	90139
Ion	Ratio	Lower Upper
75	100	
110	36.7	18.1 54.4
77	30.9	25.3 37.9





#37
Ethyl Acetate
Concen: 42.175 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

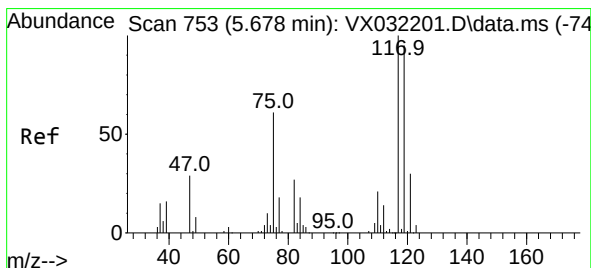
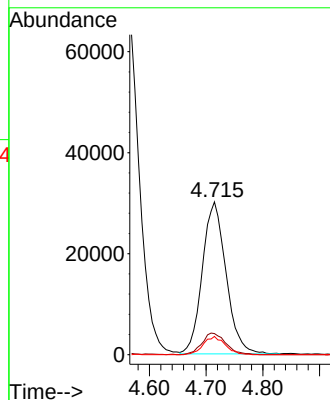
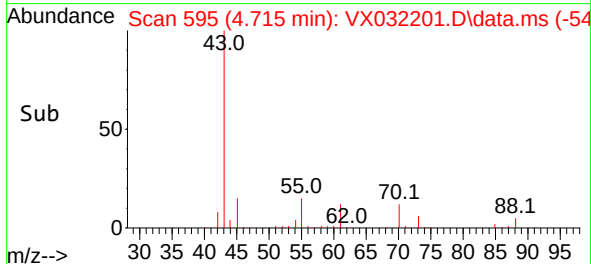
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 87584
Ion Ratio Lower Upper
43 100
61 14.3 12.8 19.2
70 11.0 10.5 15.7

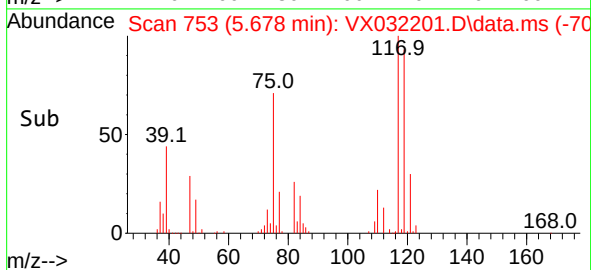
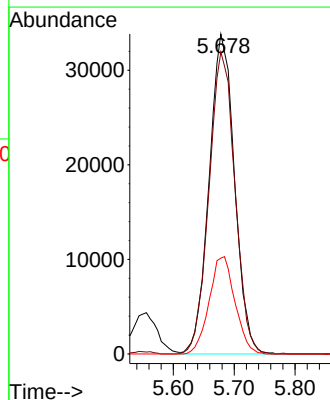
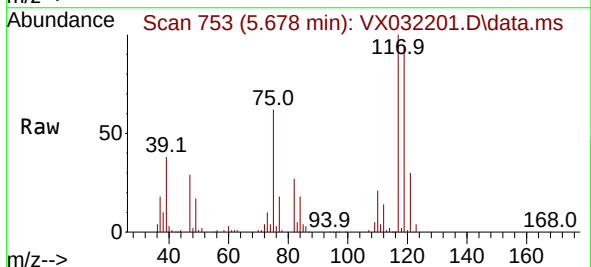
Manual Integrations
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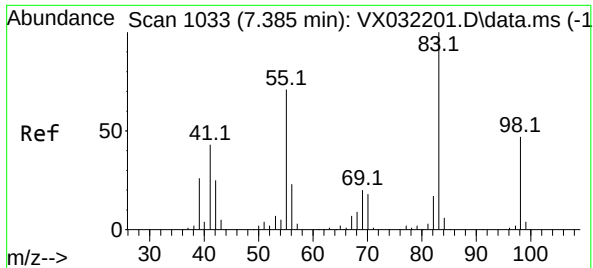
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#38
Carbon Tetrachloride
Concen: 48.897 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:117 Resp: 98086
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 29.9 24.8 37.2





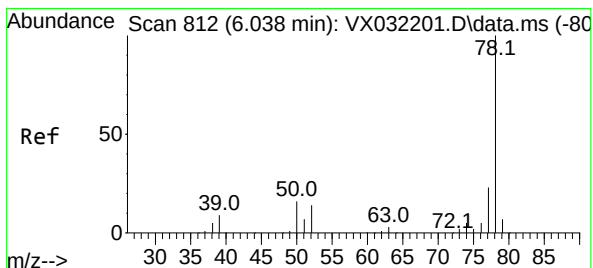
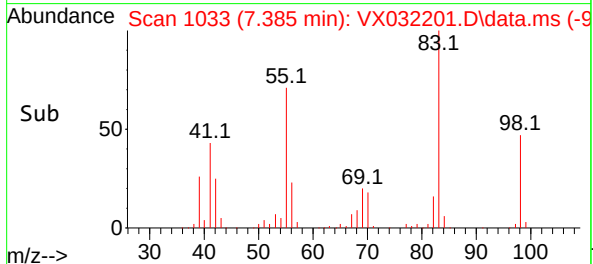
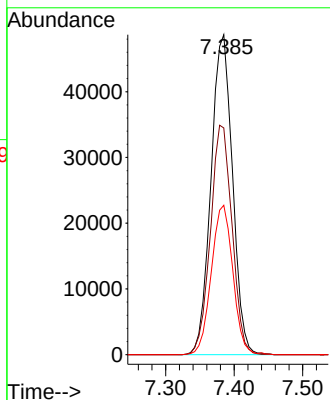
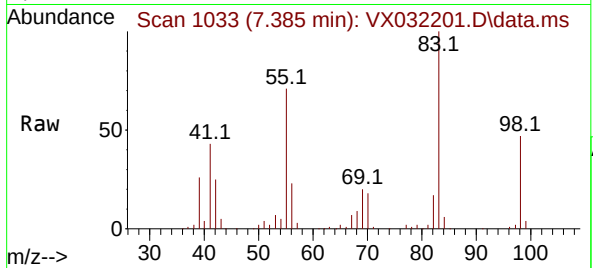
#39
Methylcyclohexane
Concen: 49.843 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 10605
Ion Ratio Lower Upper
83 100
55 70.8 58.9 88.3
98 46.7 38.1 57.1

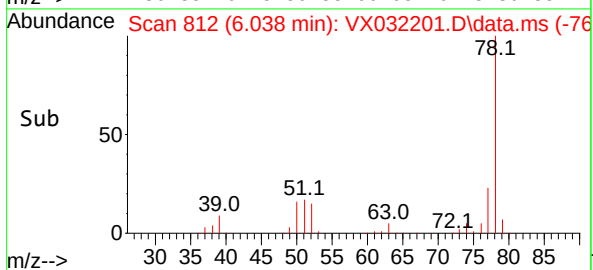
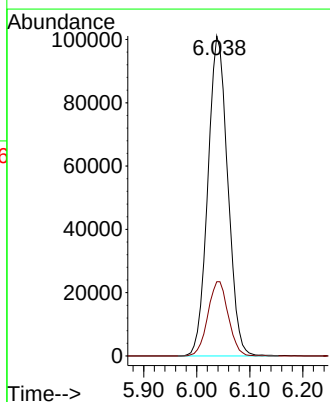
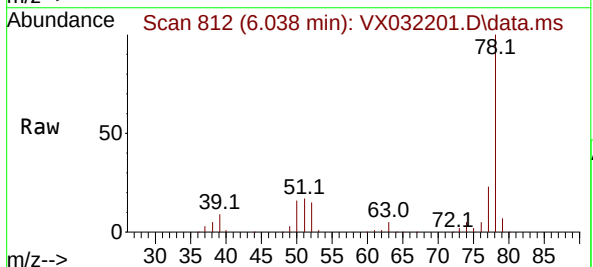
Manual Integrations
APPROVED

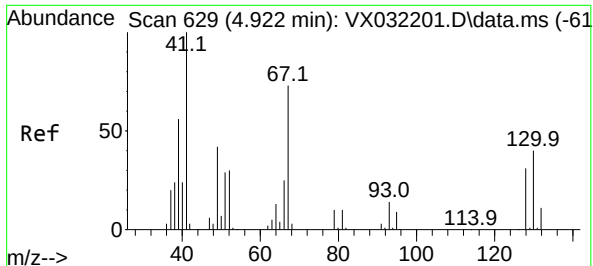
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#40
Benzene
Concen: 51.488 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 78 Resp: 263189
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3





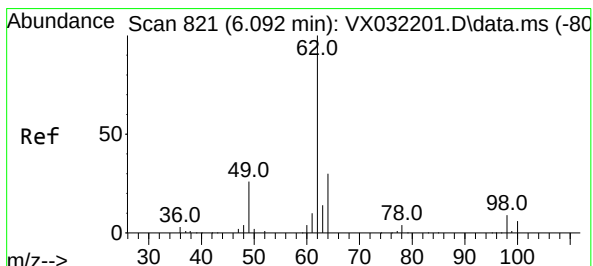
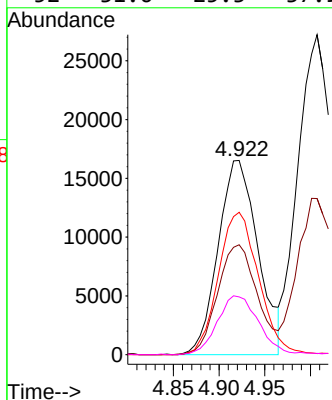
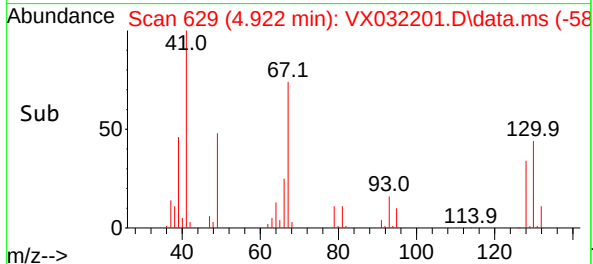
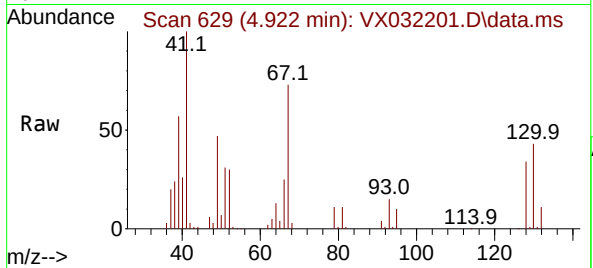
#41
Methacrylonitrile
Concen: 45.303 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5017
Ion Ratio Lower Upper
41 100
39 56.9 42.5 63.7
67 74.3 65.0 97.6
52 31.6 25.3 37.9

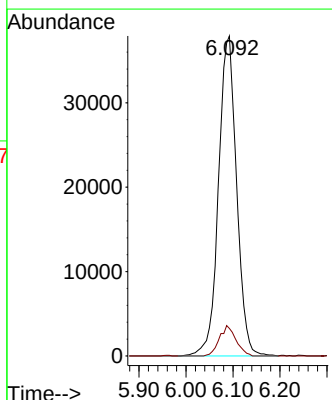
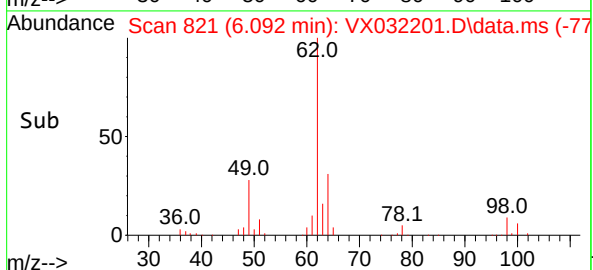
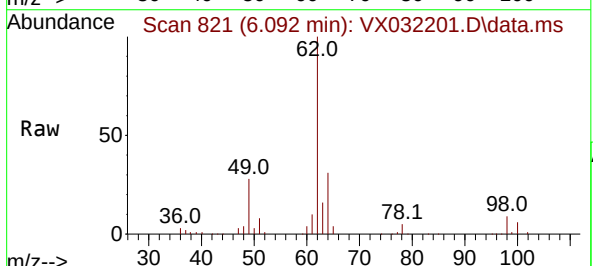
Manual Integrations
APPROVED

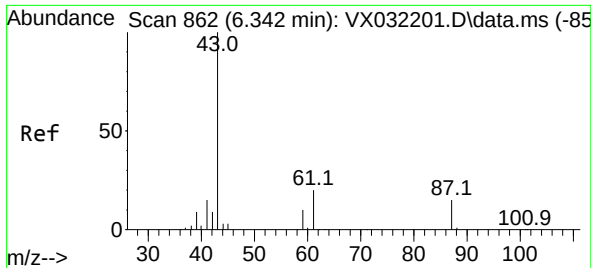
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 47.666 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.007 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

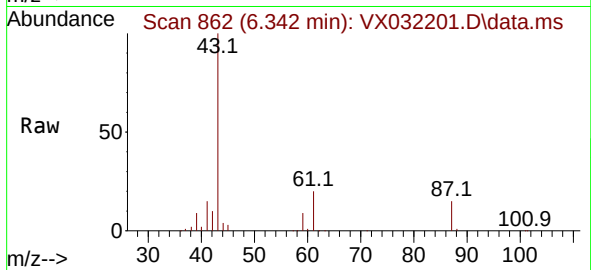
Tgt Ion: 62 Resp: 101601
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 43.874 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.007 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

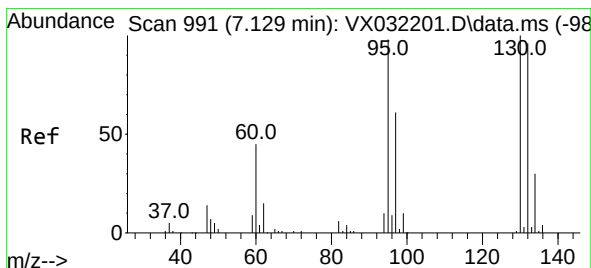
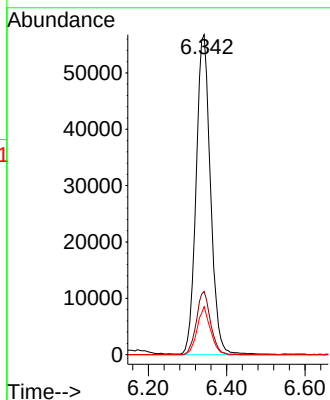
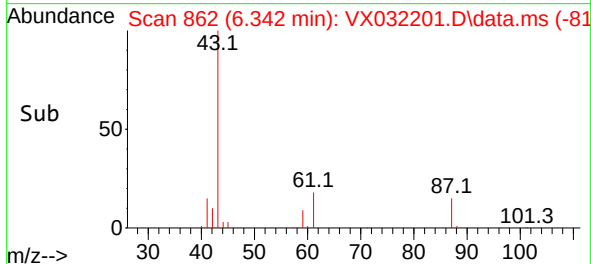
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 145036
Ion Ratio Lower Upper
43 100
61 19.4 18.2 27.4
87 13.8 12.5 18.7

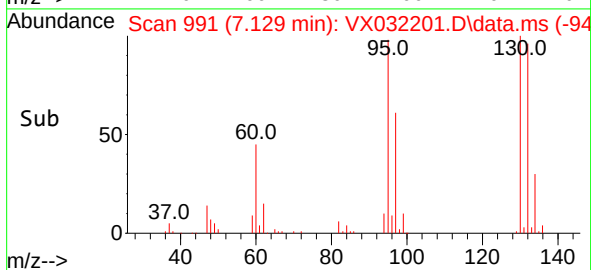
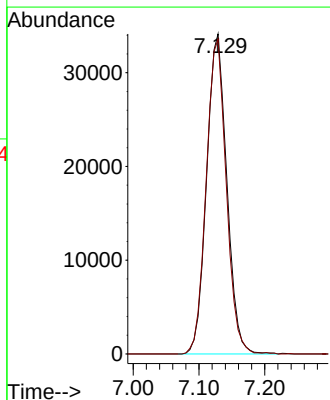
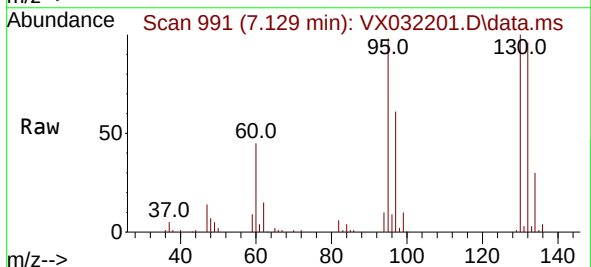
Manual Integrations
APPROVED

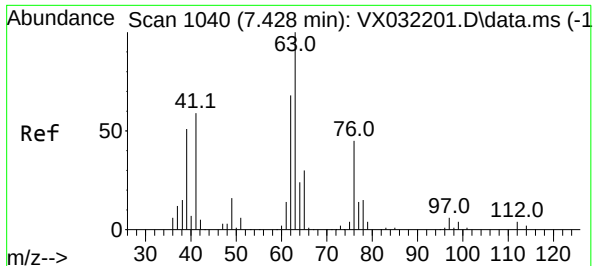
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 50.756 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:130 Resp: 72896
Ion Ratio Lower Upper
130 100
95 98.4 0.0 198.0





#45

1,2-Dichloropropane

Concen: 49.801 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 67189

Ion Ratio Lower Upper

63 100

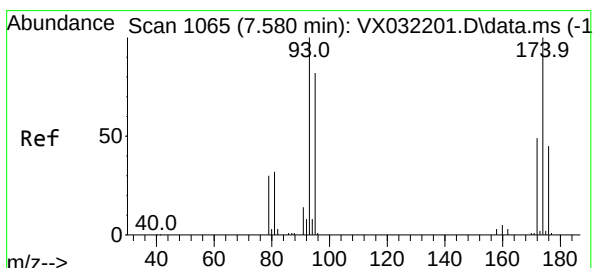
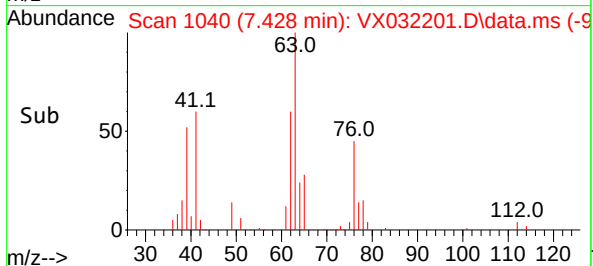
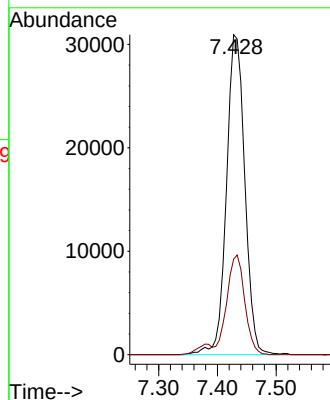
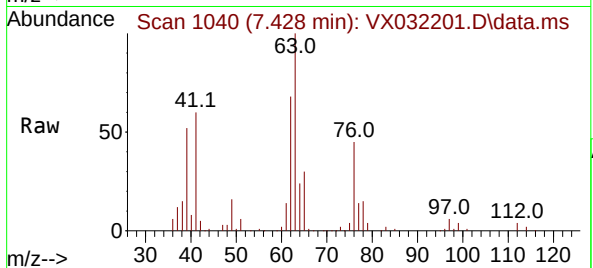
65 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 51.114 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

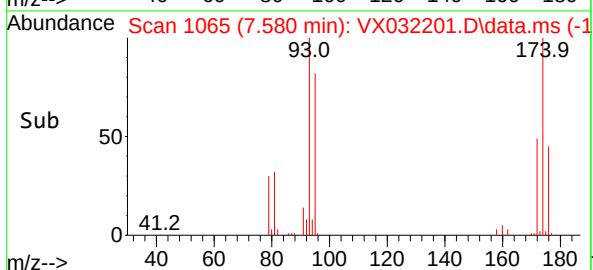
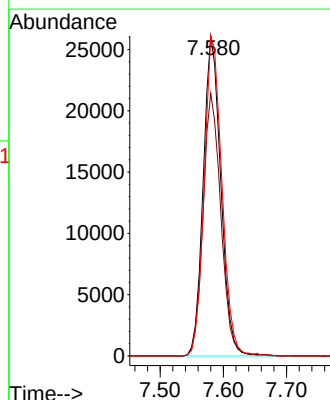
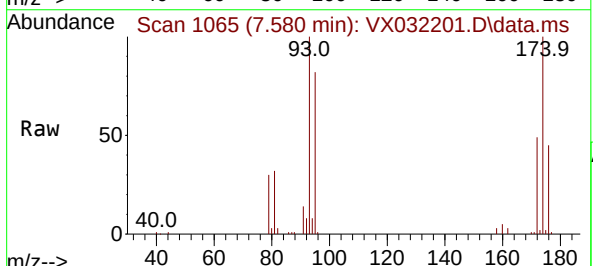
Tgt Ion: 93 Resp: 50478

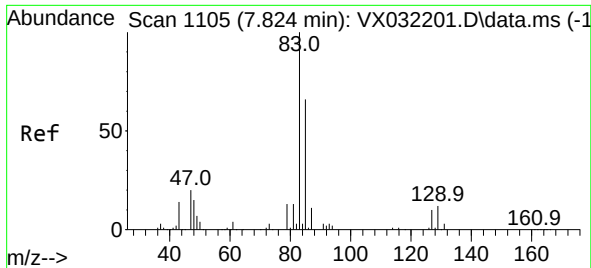
Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

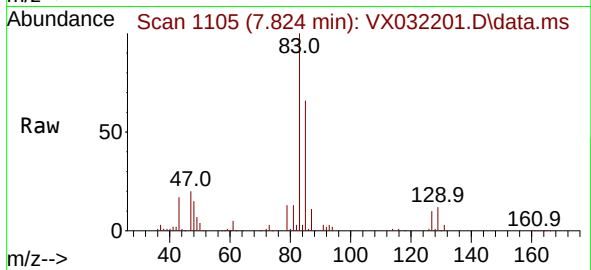
174 100.9 83.1 124.7





#47
Bromodichloromethane
Concen: 51.191 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

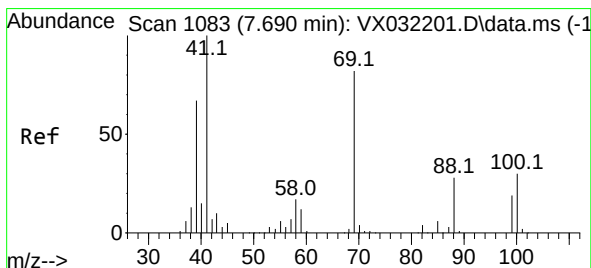
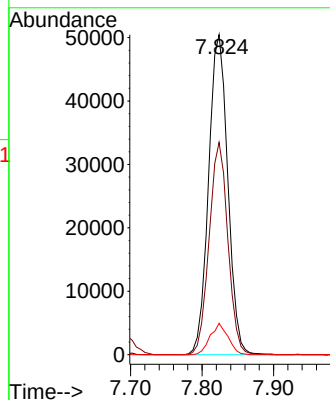
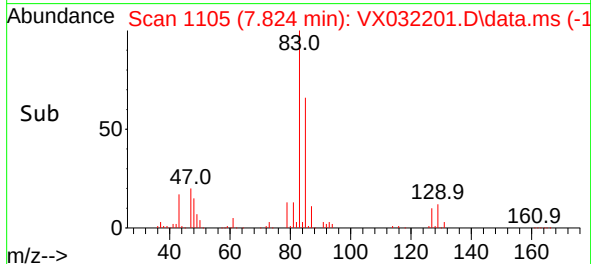
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



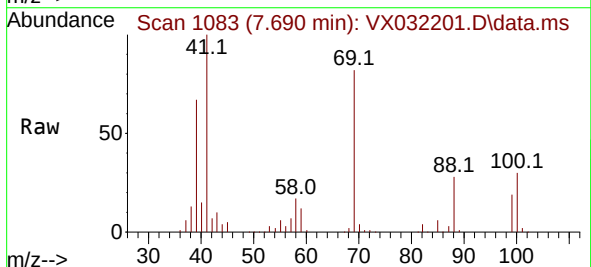
Tgt Ion: 83 Resp: 94002
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0
127 9.8 6.8 10.2

Manual Integrations
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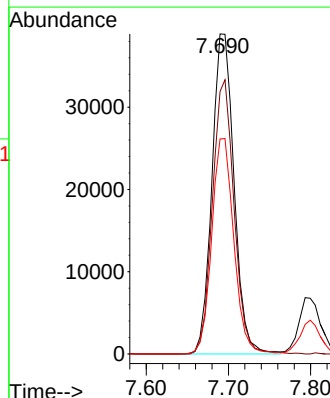
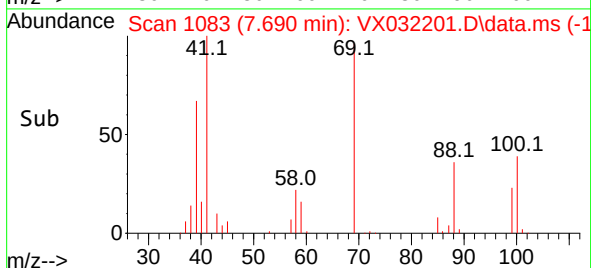
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

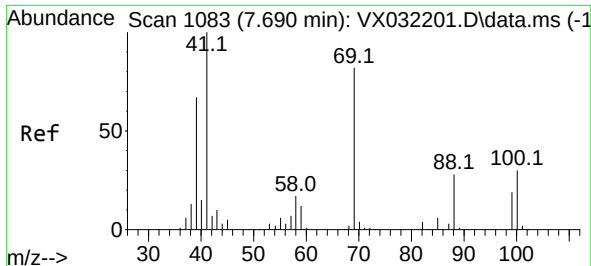


#48
Methyl methacrylate
Concen: 44.087 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



Tgt Ion: 41 Resp: 72717
Ion Ratio Lower Upper
41 100
69 84.1 76.0 114.0
39 67.3 44.6 67.0#





#49

1,4-Dioxane

Concen: 843.831 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.025 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 2914

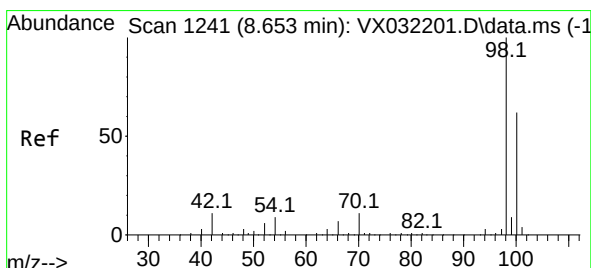
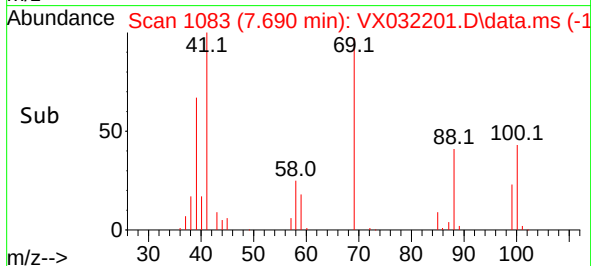
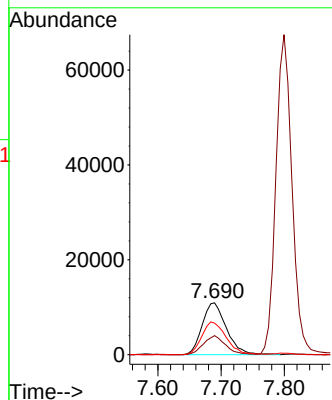
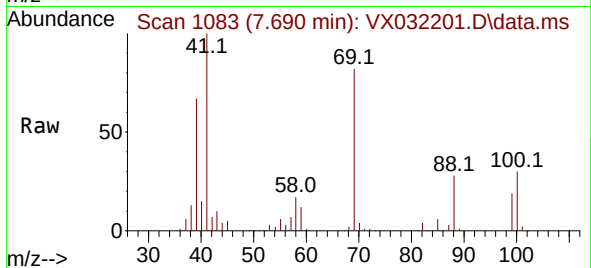
Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.2	34.8
58	63.4	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 55.377 ug/l

RT: 8.653 min Scan# 1241

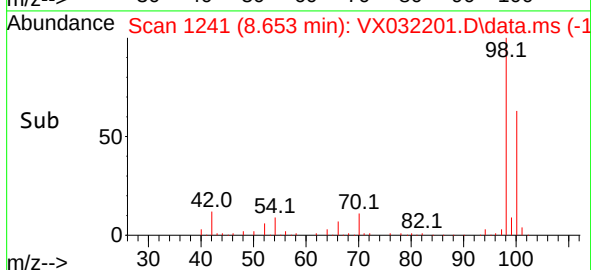
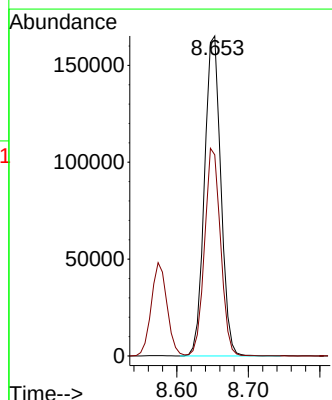
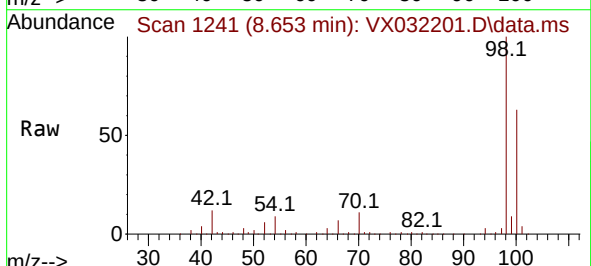
Delta R.T. -0.000 min

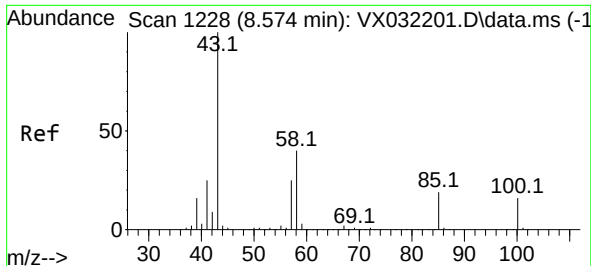
Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Tgt Ion: 98 Resp: 262262

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9





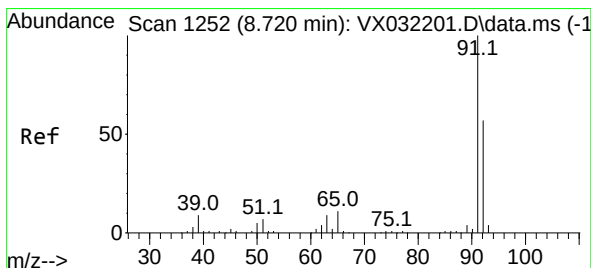
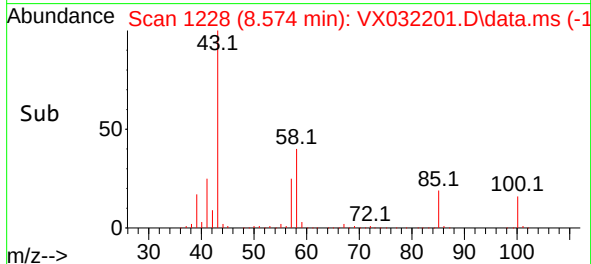
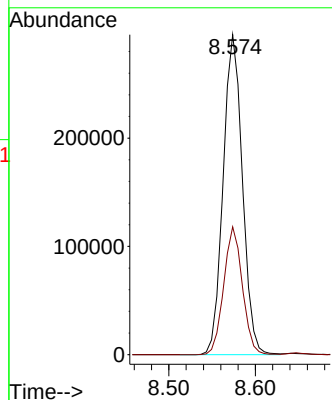
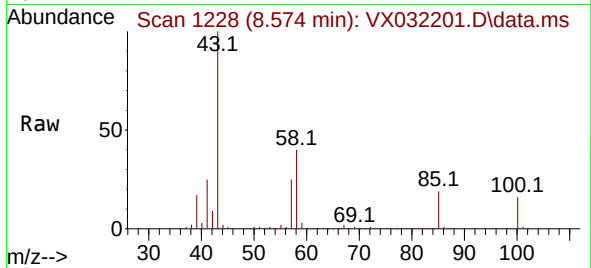
#51
4-Methyl-2-Pentanone
Concen: 216.784 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 456659
Ion Ratio Lower Upper
43 100
58 38.7 35.4 53.0

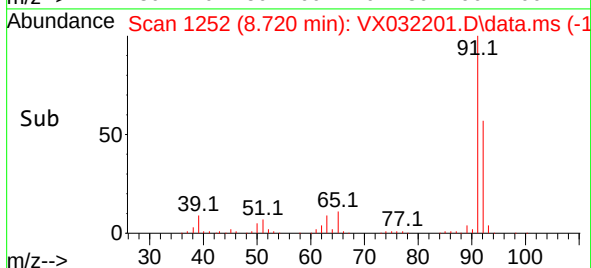
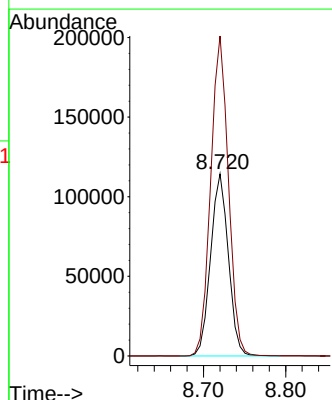
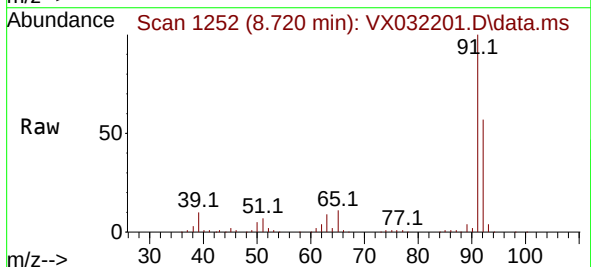
Manual Integrations
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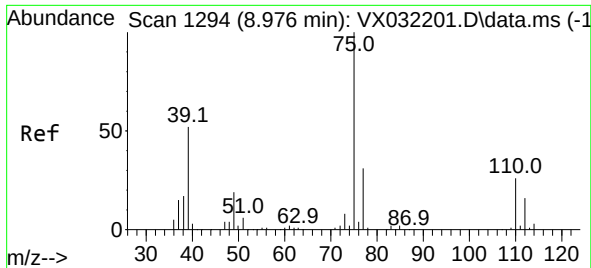
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 51.128 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 92 Resp: 171292
Ion Ratio Lower Upper
92 100
91 175.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 47.111 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 98108

Ion Ratio Lower Upper

75 100

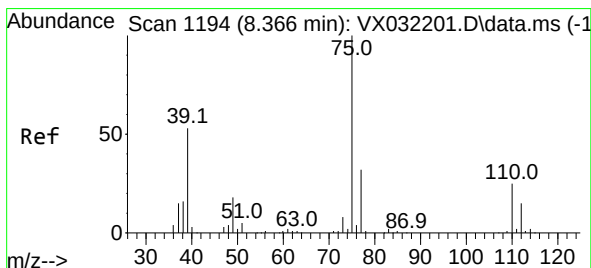
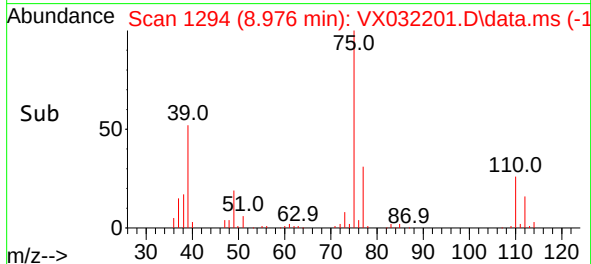
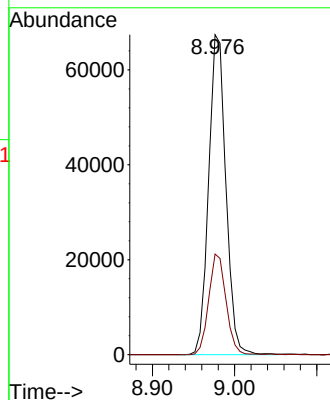
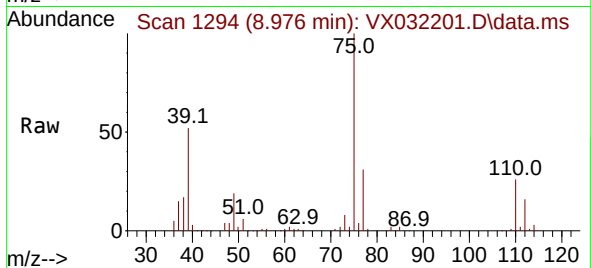
77 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 49.757 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

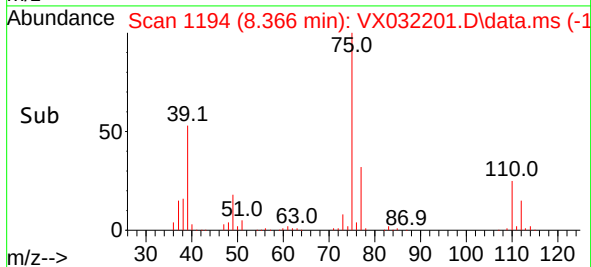
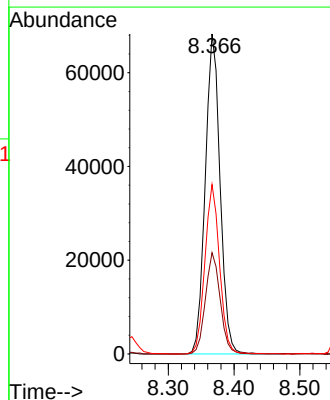
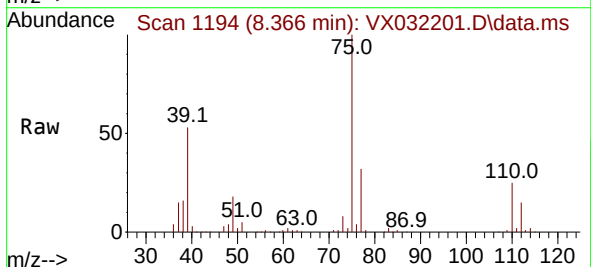
Tgt Ion: 75 Resp: 107228

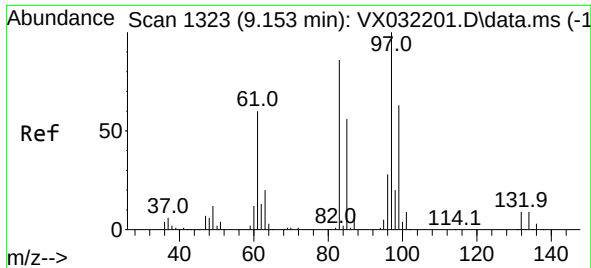
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

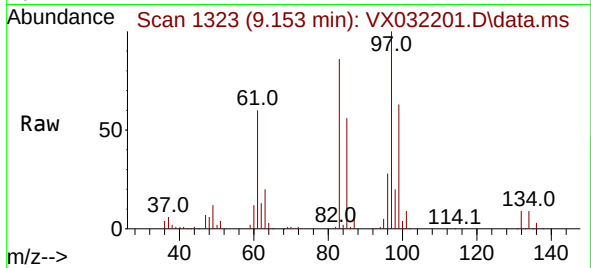
39 53.0 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 49.464 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

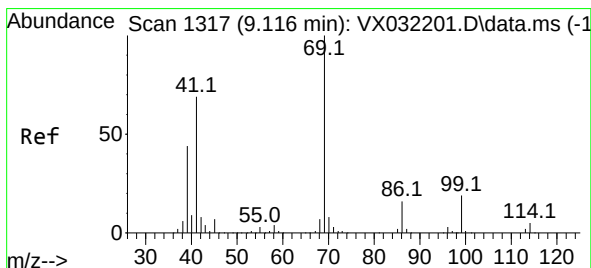
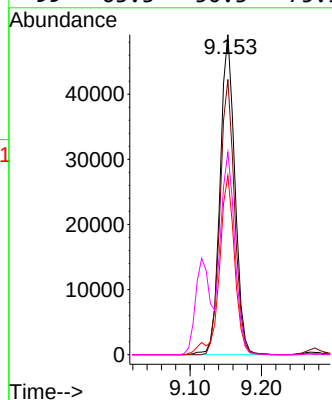
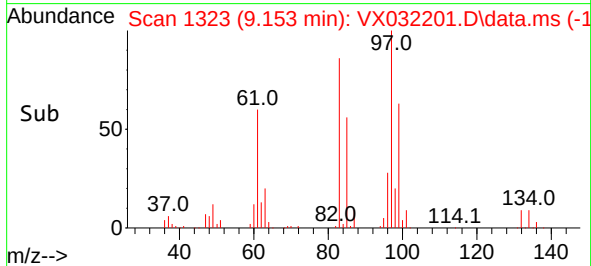
Instrument : MSVOA_X
ClientSampleId : VSTDICCC050



Tgt Ion: 97 Resp: 70579
Ion Ratio Lower Upper
97 100
83 86.0 69.3 103.9
85 55.9 44.3 66.5
99 63.3 50.3 75.5

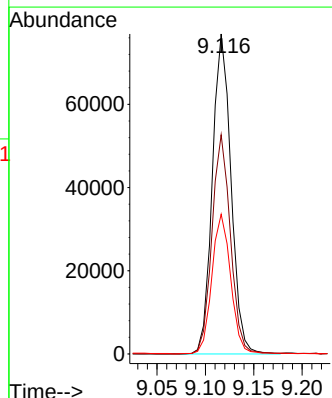
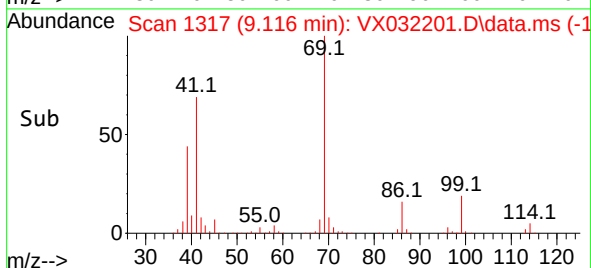
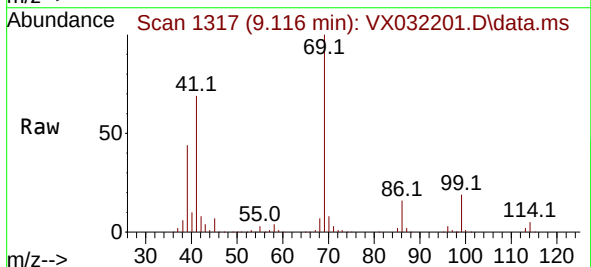
Manual Integrations
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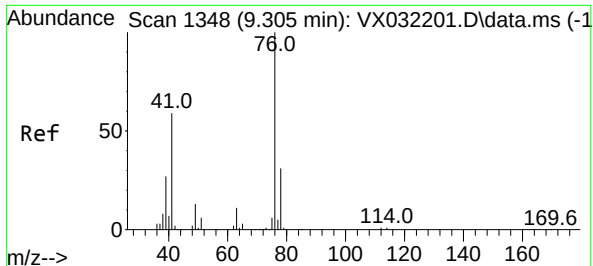
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 48.285 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 69 Resp: 103301
Ion Ratio Lower Upper
69 100
41 68.1 46.8 70.2
39 44.6 24.7 37.1#





#57

1,3-Dichloropropane

Concen: 49.146 ug/l

RT: 9.305 min Scan# 11419

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 11419

Ion Ratio Lower Upper

76 100

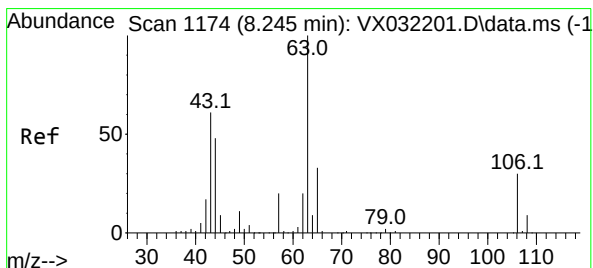
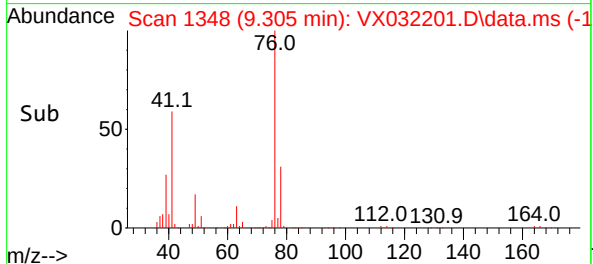
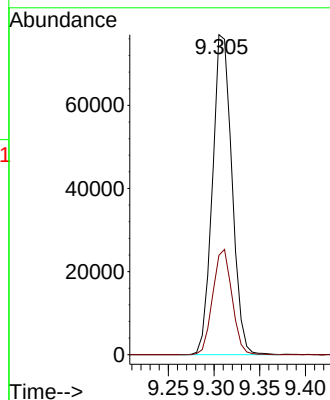
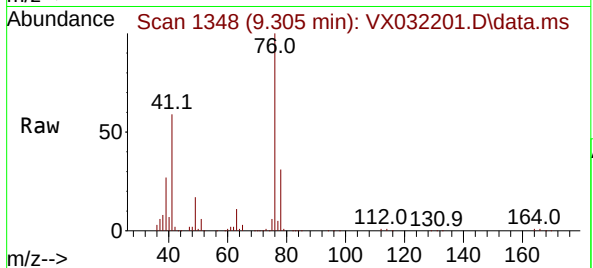
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 222.424 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX032201.D

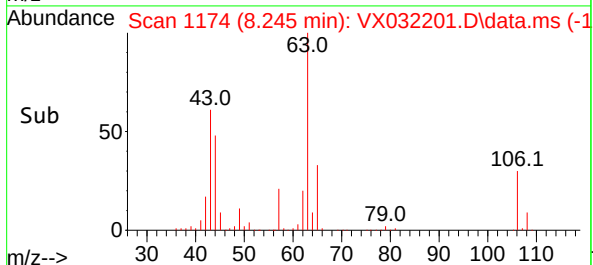
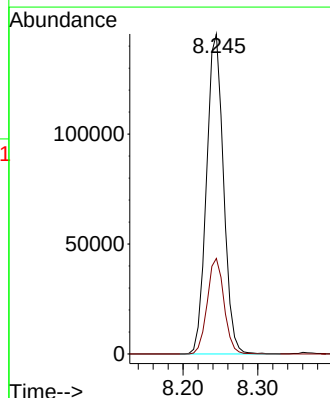
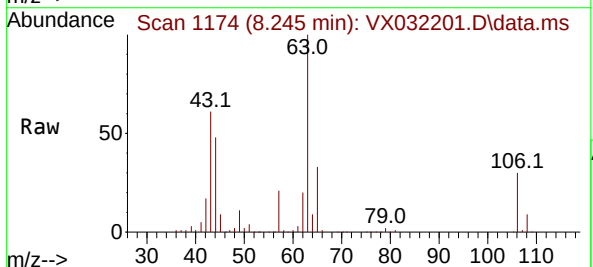
Acq: 19 Oct 2022 12:32

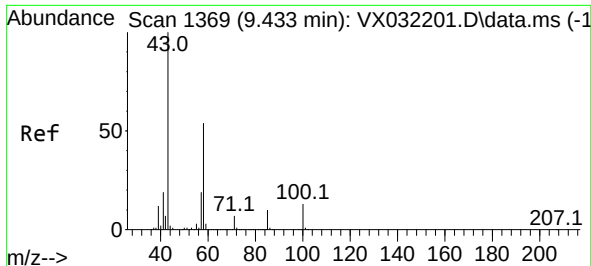
Tgt Ion: 63 Resp: 229664

Ion Ratio Lower Upper

63 100

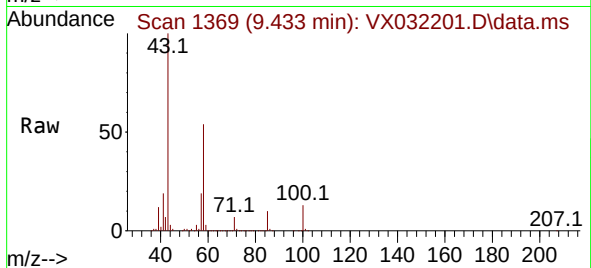
106 29.5 23.5 35.3





#59
2-Hexanone
Concen: 206.726 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

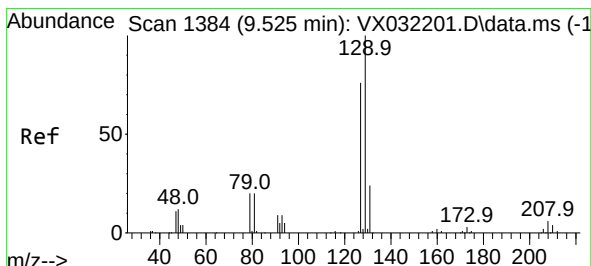
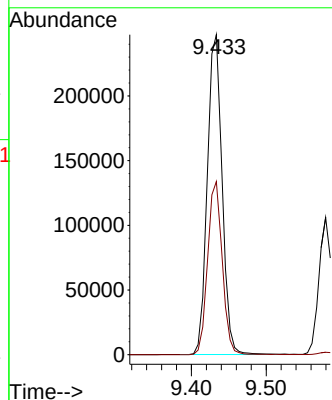
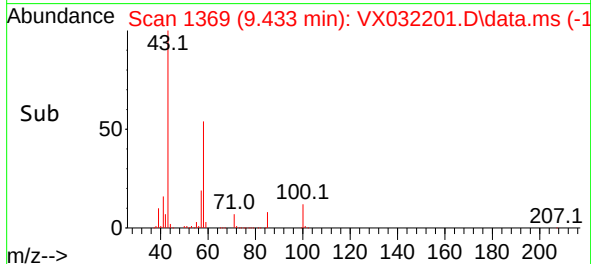
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 339319
Ion Ratio Lower Upper
43 100
58 53.4 30.9 92.8

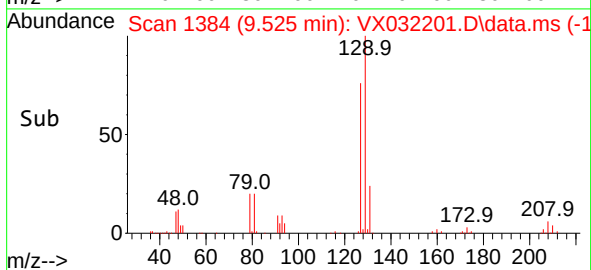
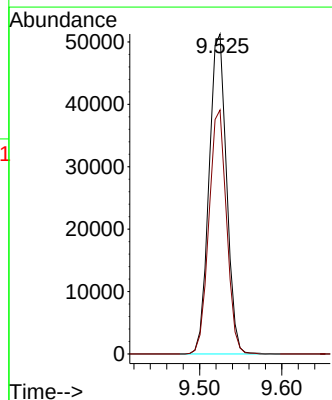
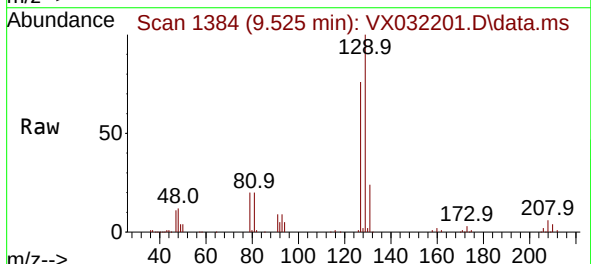
Manual Integrations
APPROVED

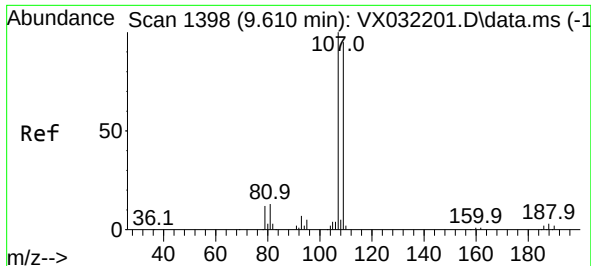
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 52.506 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

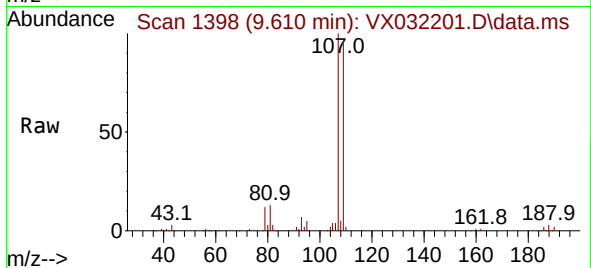
Tgt Ion:129 Resp: 75624
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 49.612 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

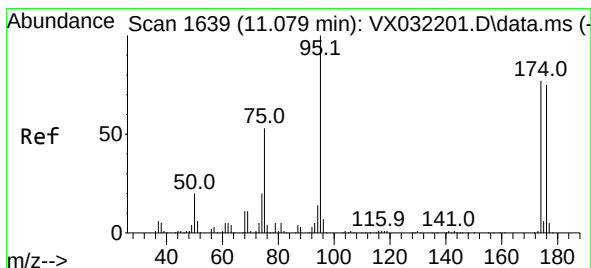
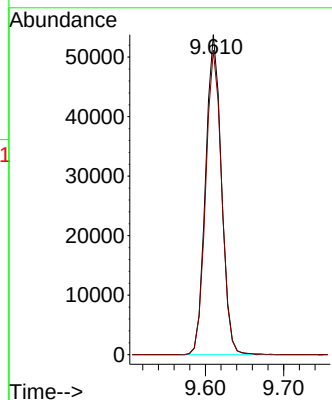
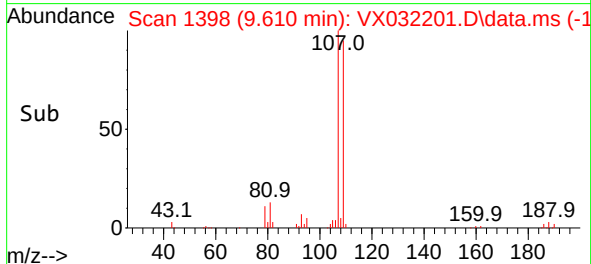
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 75420
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6

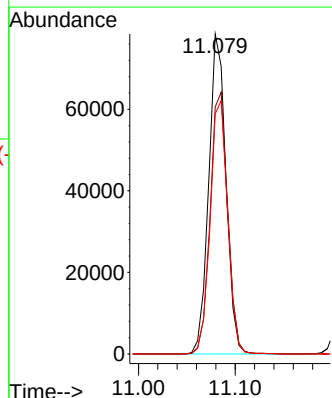
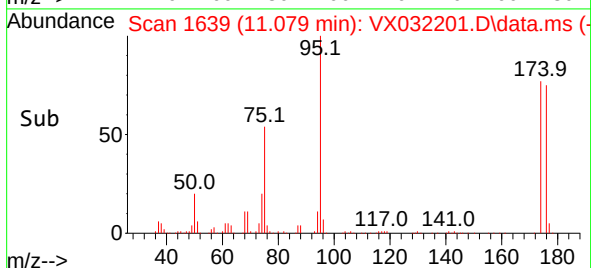
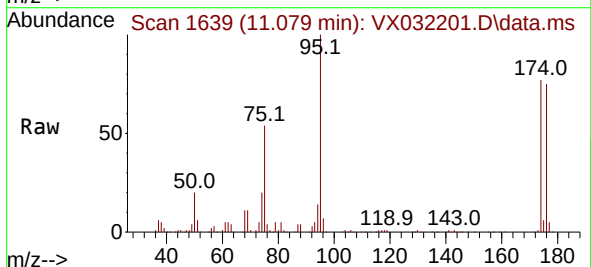
Manual Integrations
APPROVED

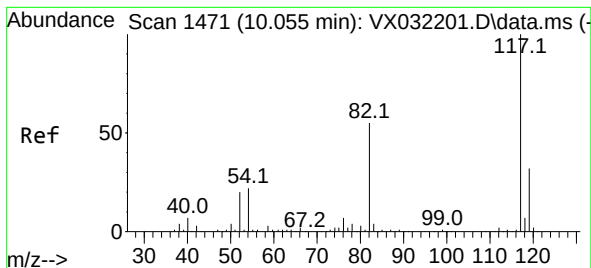
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 52.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

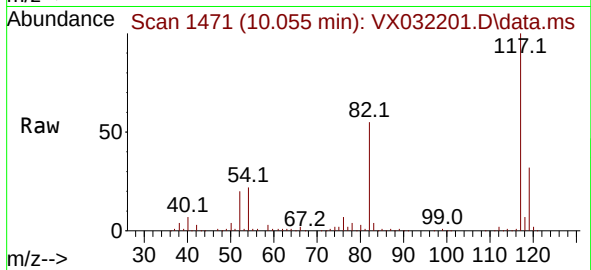
Tgt Ion: 95 Resp: 96838
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 80.7 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

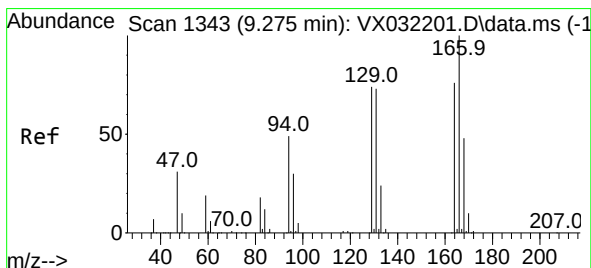
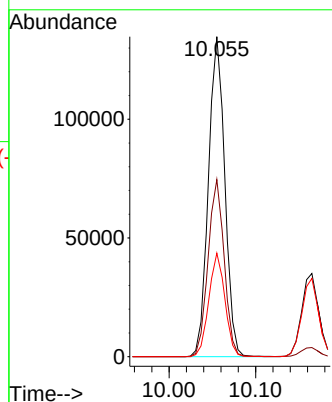
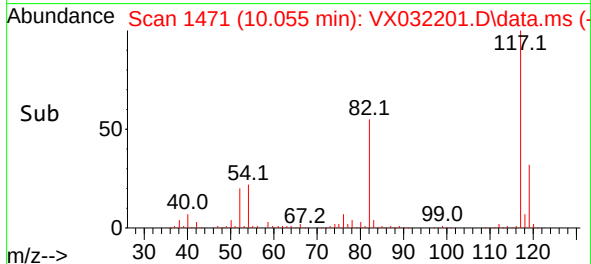
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 177111
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.3 26.6 39.8

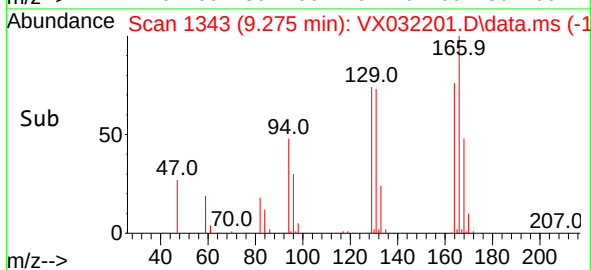
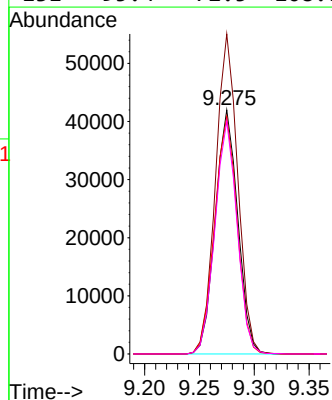
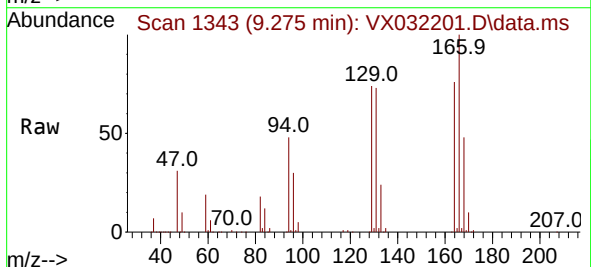
Manual Integrations
APPROVED

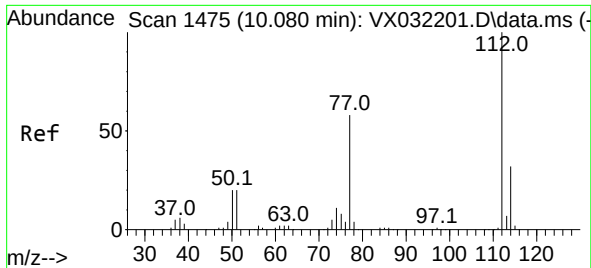
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 43.764 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:164 Resp: 60047
Ion Ratio Lower Upper
164 100
166 131.1 103.4 155.2
129 97.2 70.8 106.2
131 95.4 72.5 108.7





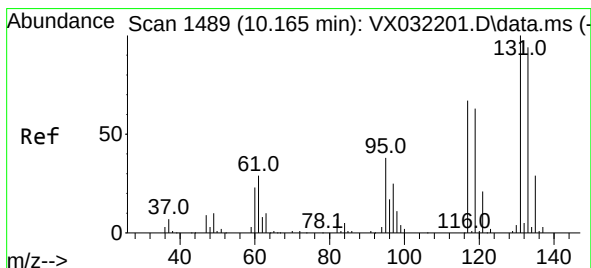
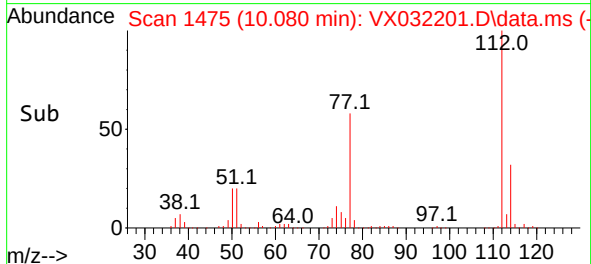
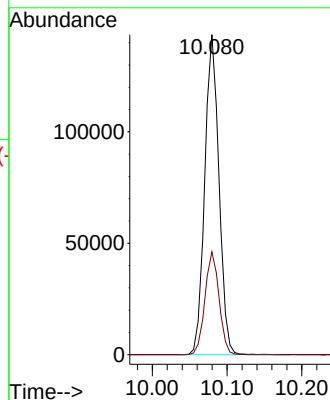
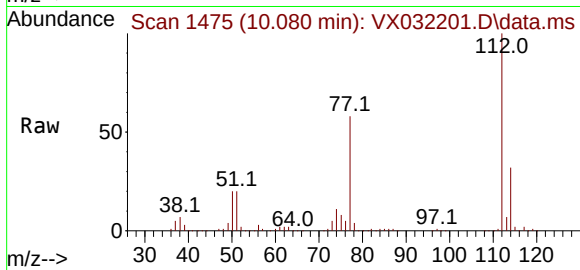
#65
Chlorobenzene
Concen: 51.949 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 18929
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

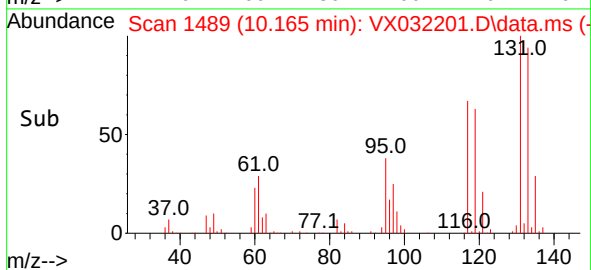
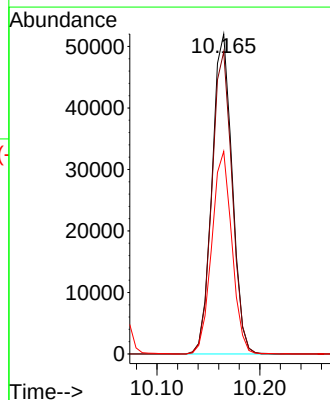
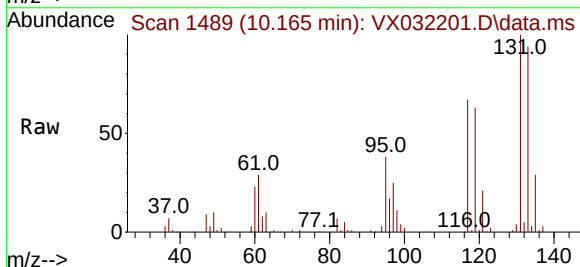
Manual Integrations
APPROVED

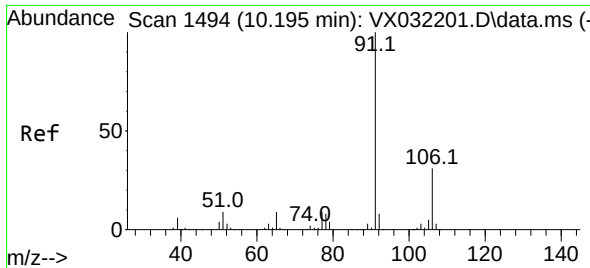
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.138 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

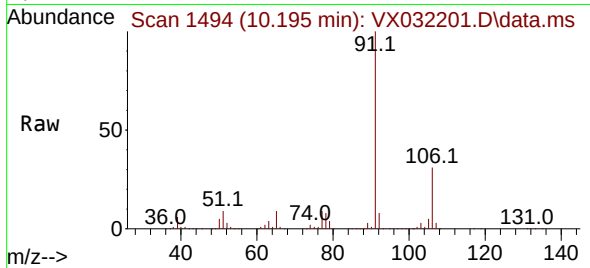
Tgt Ion:131 Resp: 70410
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 63.4 32.1 96.5





#67
Ethyl Benzene
Concen: 53.247 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

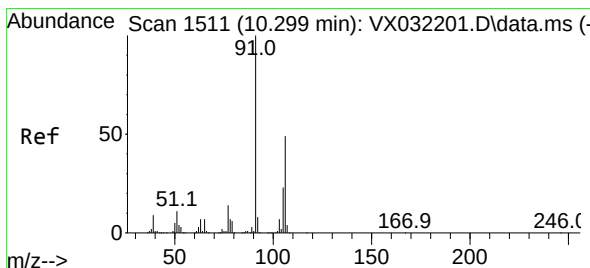
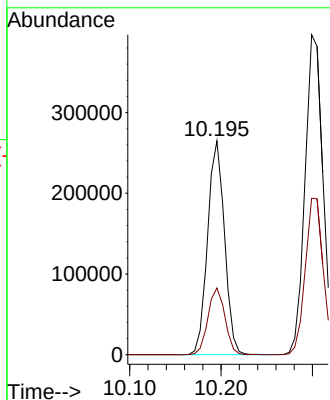
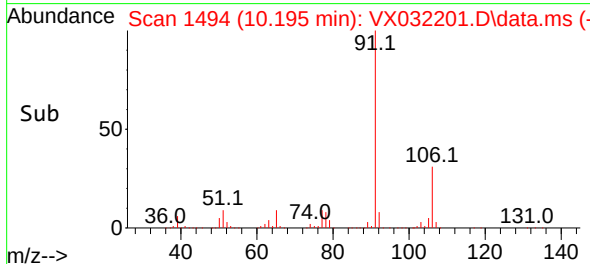
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



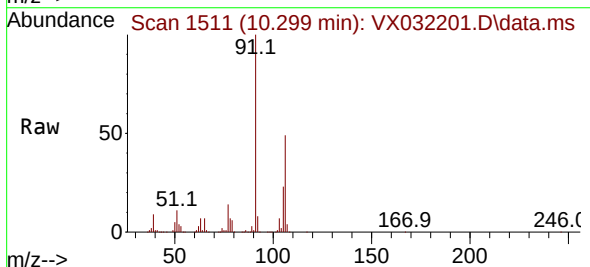
Tgt Ion: 91 Resp: 339400
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

Manual Integrations
APPROVED

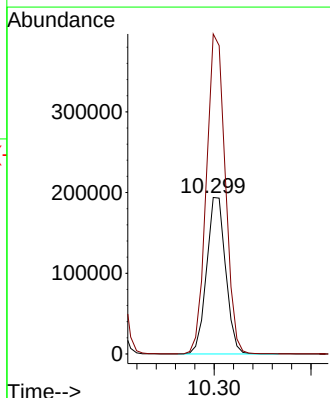
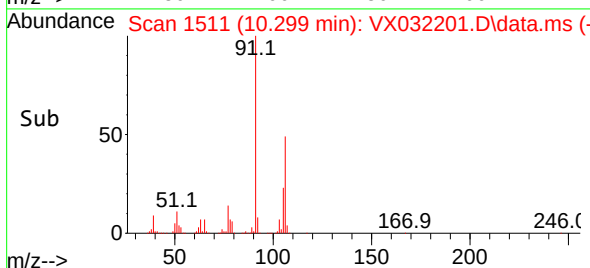
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

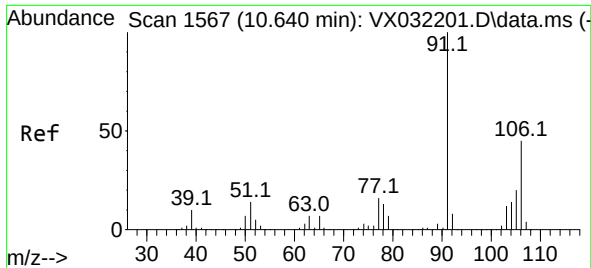


#68
m/p-Xylenes
Concen: 108.718 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



Tgt Ion:106 Resp: 265308
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2





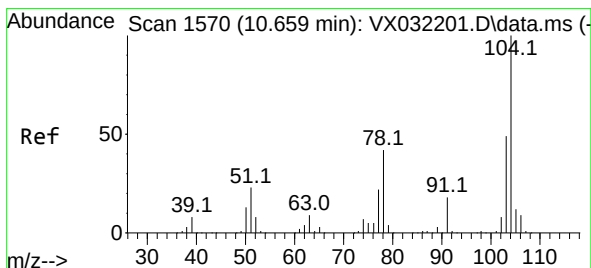
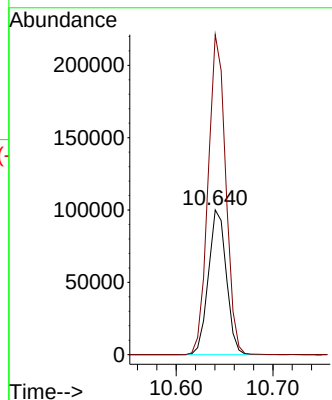
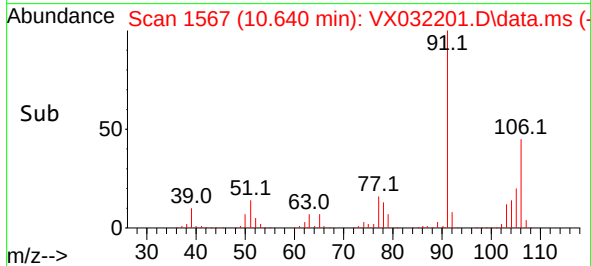
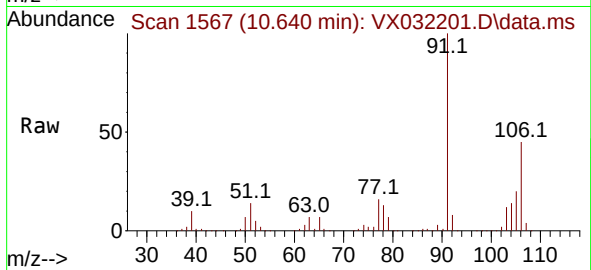
#69
o-Xylene
Concen: 53.089 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 12932
Ion Ratio Lower Upper
106 100
91 216.6 108.1 324.2

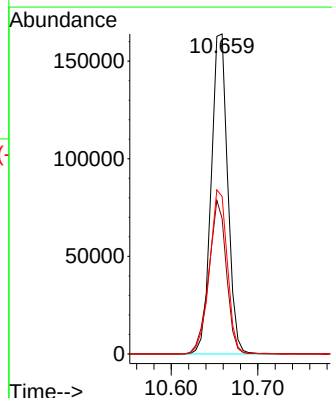
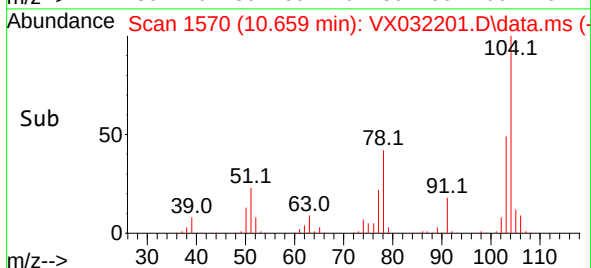
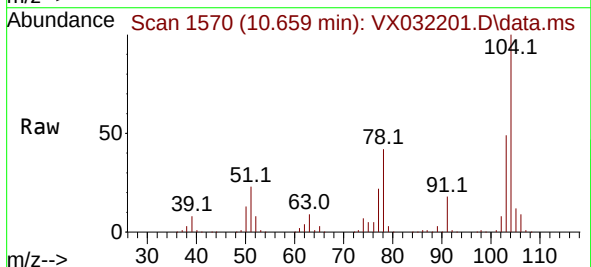
Manual Integrations
APPROVED

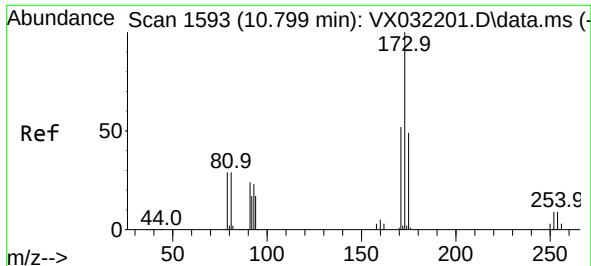
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 55.129 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

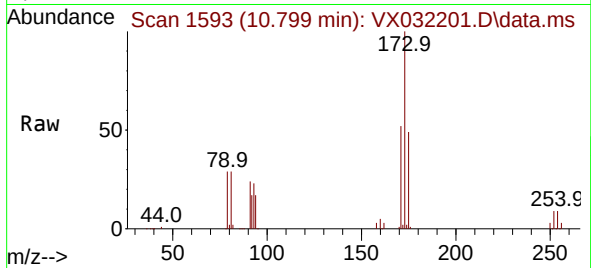
Tgt Ion:104 Resp: 217855
Ion Ratio Lower Upper
104 100
78 51.0 40.0 60.0
103 55.2 43.4 65.0





#71
Bromoform
Concen: 53.373 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

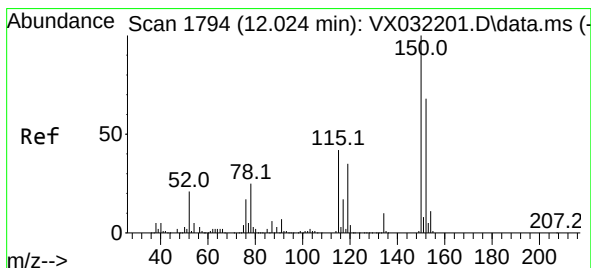
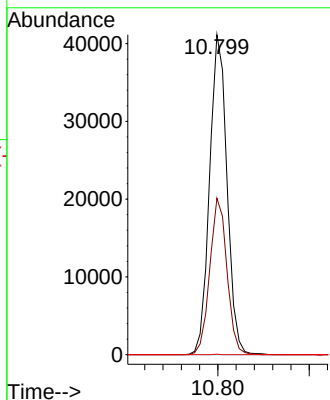
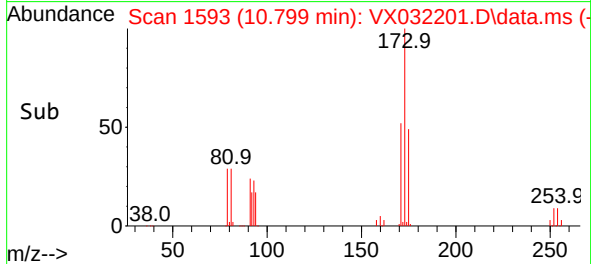
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



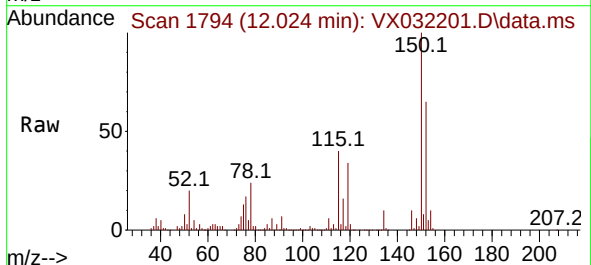
Tgt Ion:173 Resp: 54270
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

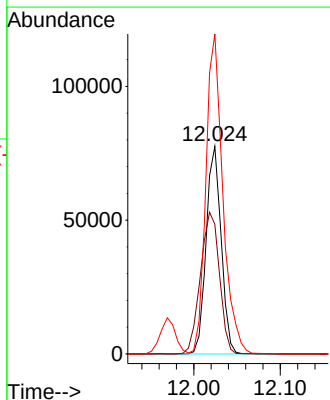
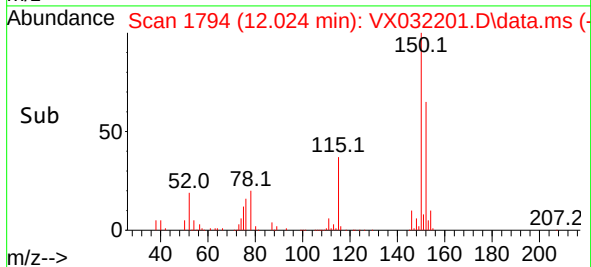
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

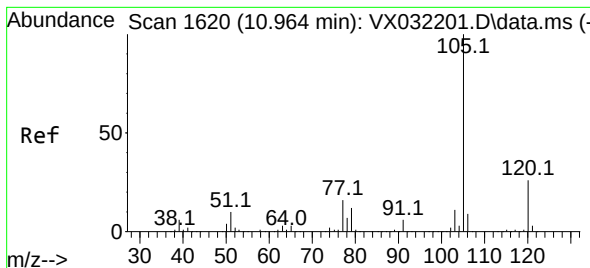


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



Tgt Ion:152 Resp: 93340
Ion Ratio Lower Upper
152 100
115 86.3 41.1 123.3
150 174.3 0.0 349.0





#73

Isopropylbenzene

Concen: 49.432 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 34359

Ion Ratio Lower Upper

105 100

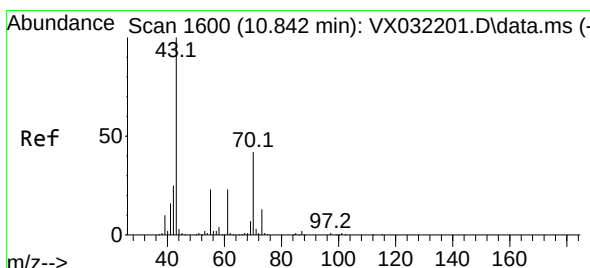
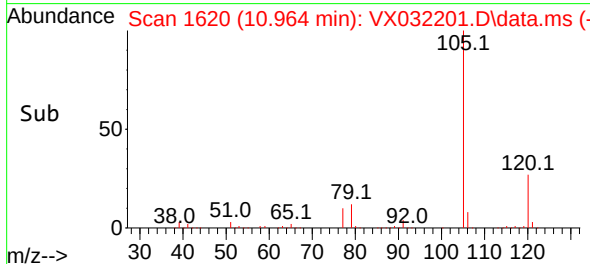
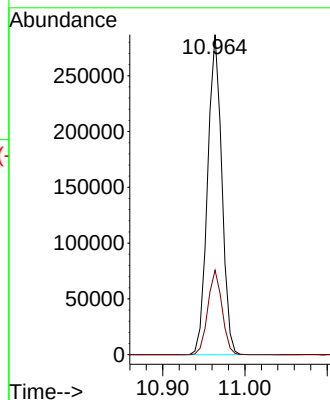
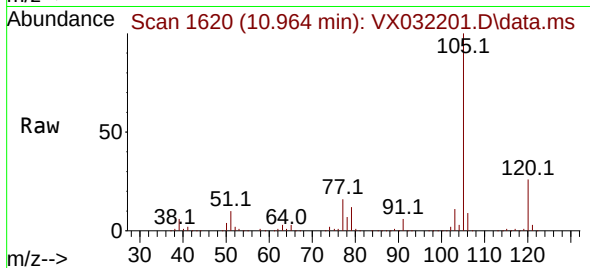
120 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#74

N-ethyl acetate

Concen: 45.978 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Tgt Ion: 43 Resp: 134533

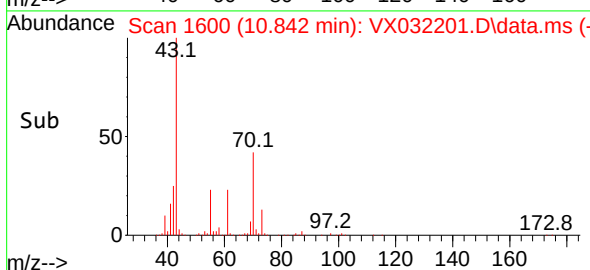
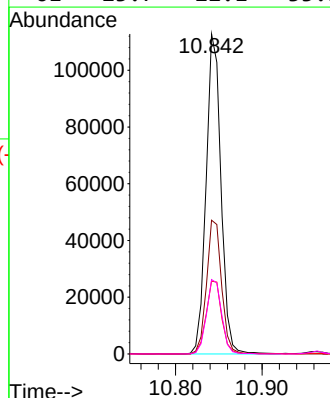
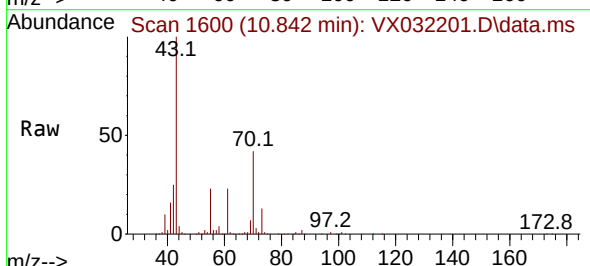
Ion Ratio Lower Upper

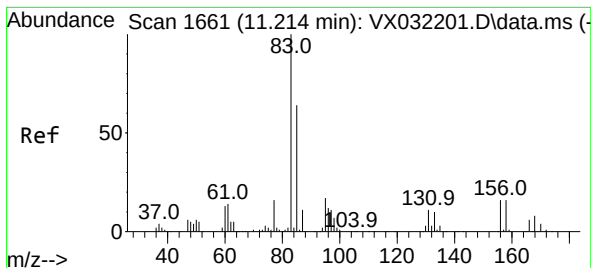
43 100

70 42.4 39.0 58.6

55 23.9 21.5 32.3

61 23.7 22.1 33.1





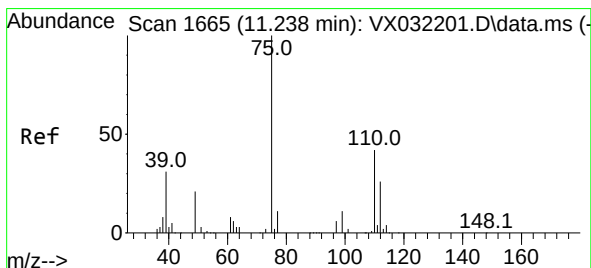
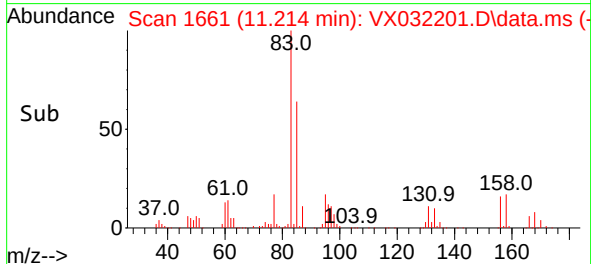
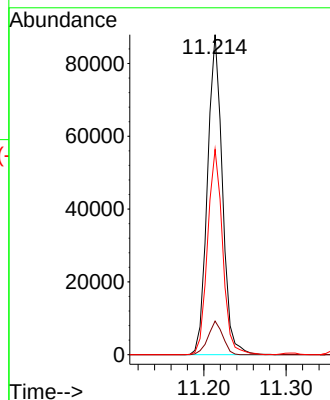
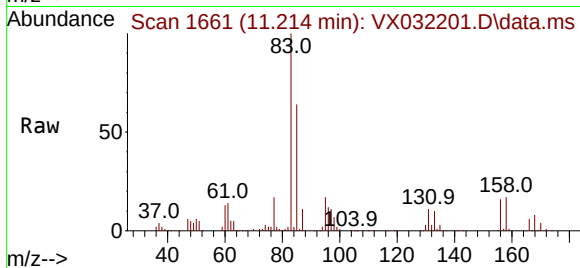
#75
1,1,2,2-Tetrachloroethane
Concen: 49.198 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 110632
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.6 31.8 95.4

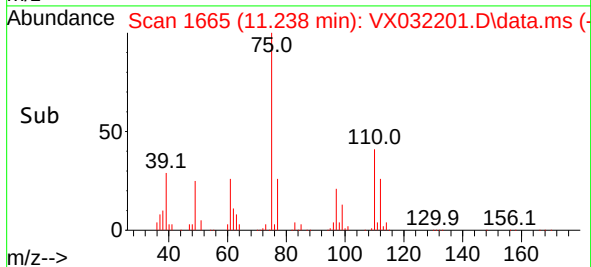
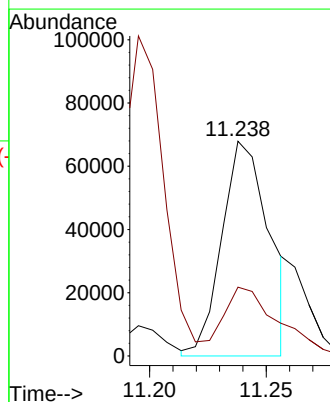
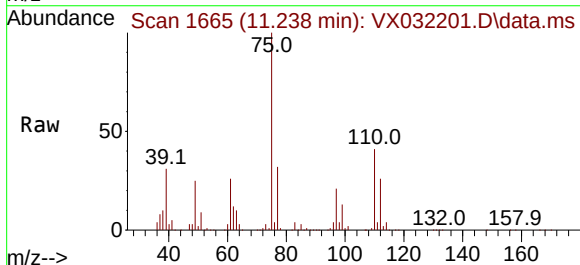
Manual Integrations
APPROVED

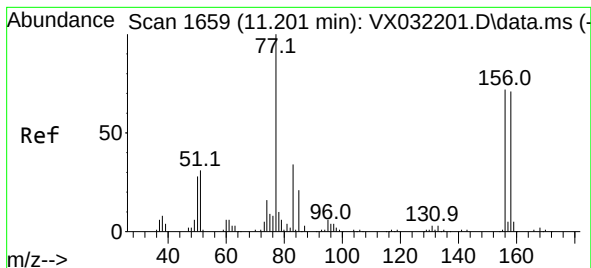
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 44.589 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion: 75 Resp: 95699
Ion Ratio Lower Upper
75 100
77 38.1 19.1 57.5





#77

Bromobenzene

Concen: 48.097 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

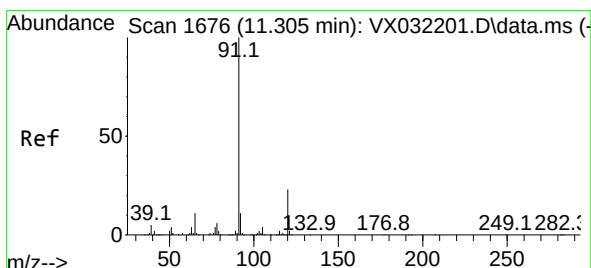
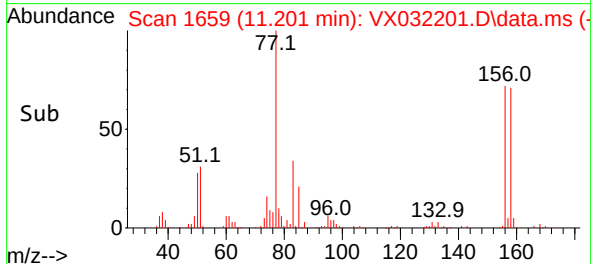
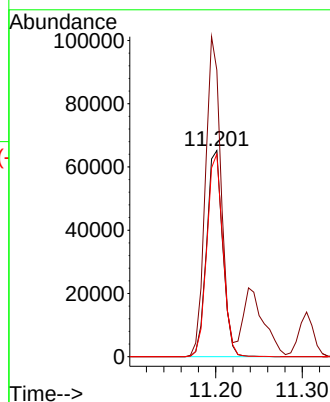
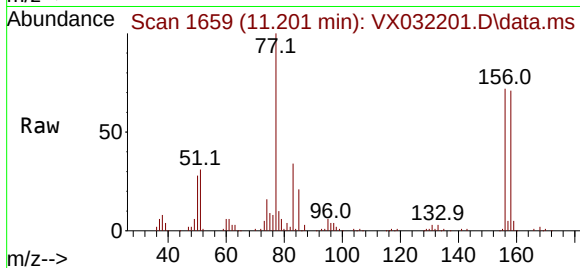
Tgt Ion:	156	Resp:	8402
Ion Ratio	Lower	Upper	
156	100		
77	151.0	82.8	248.6
158	98.0	49.1	147.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 51.107 ug/l

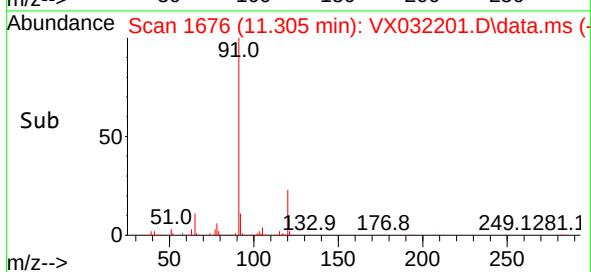
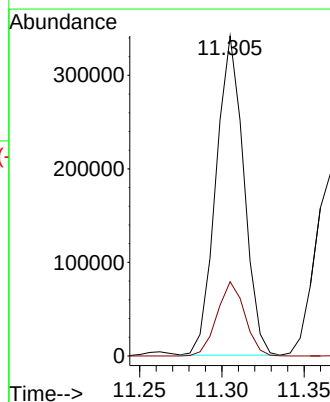
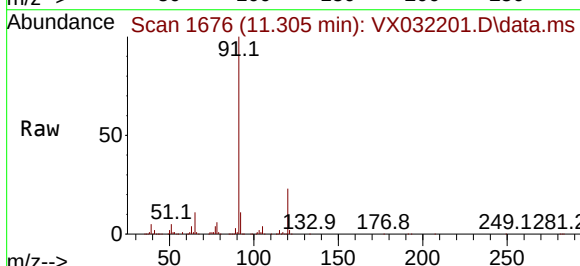
RT: 11.305 min Scan# 1676

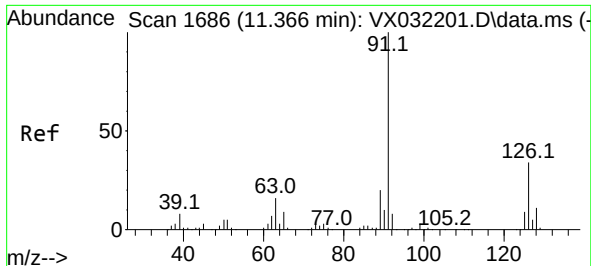
Delta R.T. -0.006 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Tgt Ion:	91	Resp:	401307
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





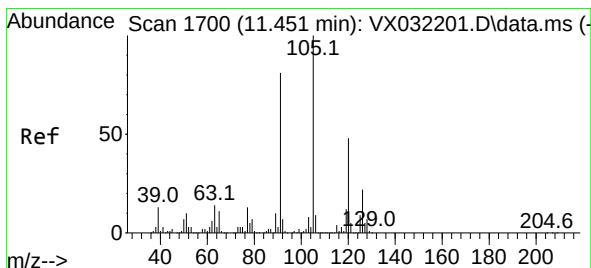
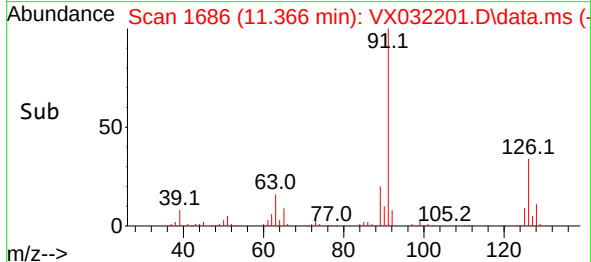
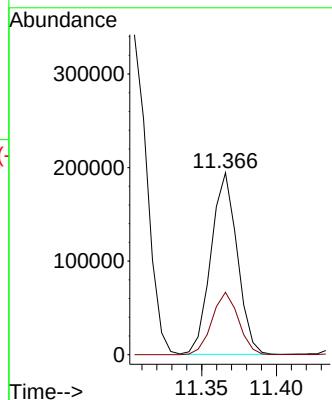
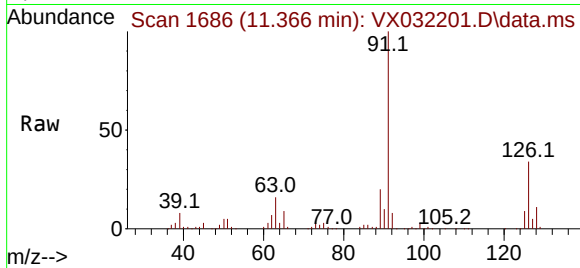
#79
2-Chlorotoluene
Concen: 48.623 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 23715
Ion Ratio Lower Upper
91 100
126 34.6 16.6 49.8

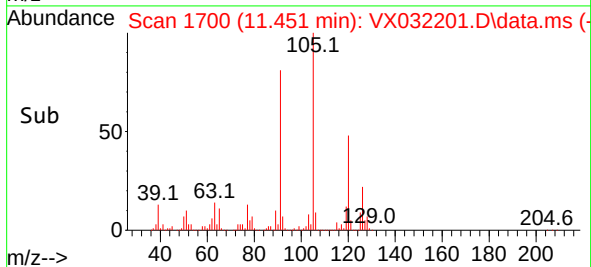
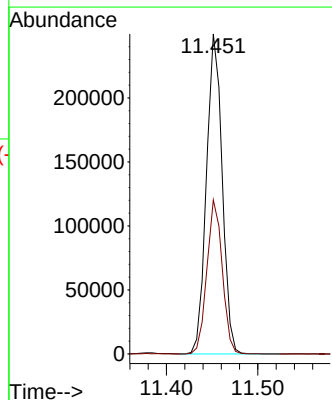
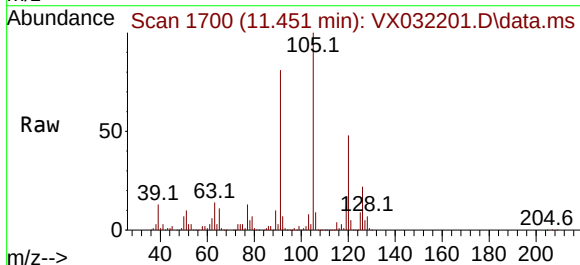
Manual Integrations
APPROVED

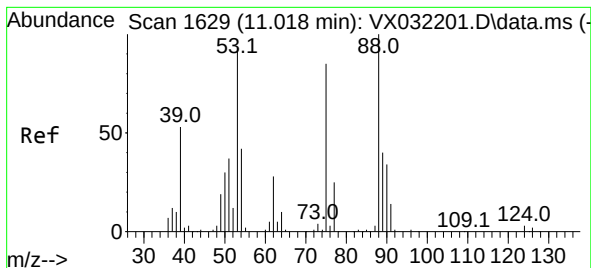
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:105 Resp: 297919
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.5





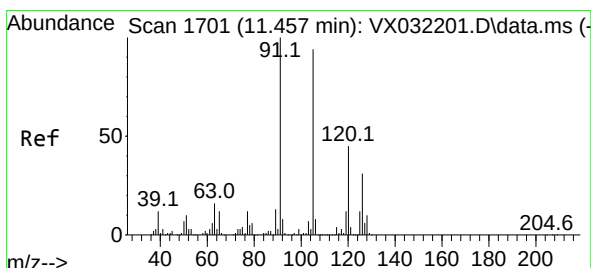
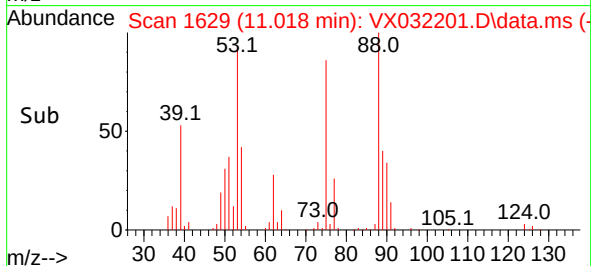
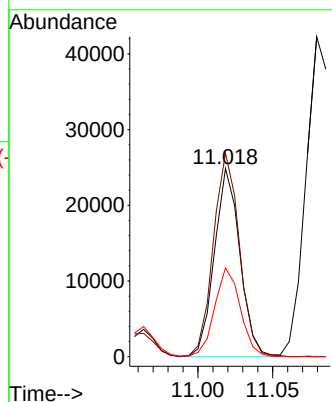
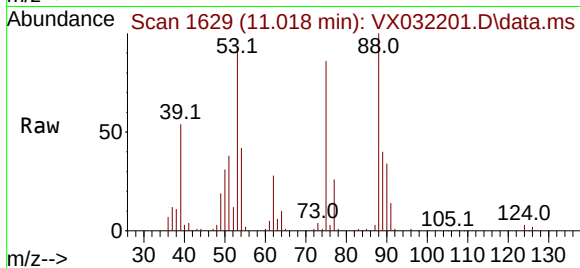
#81
trans-1,4-Dichloro-2-butene
Concen: 40.544 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2958
Ion Ratio Lower Upper
75 100
53 109.8 74.5 111.7
89 47.3 37.9 56.9

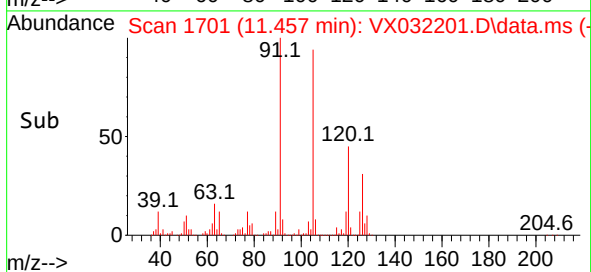
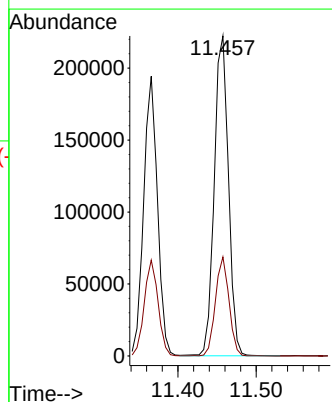
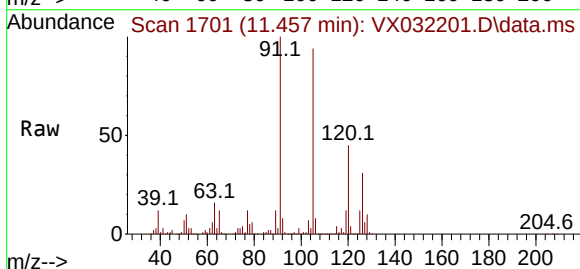
Manual Integrations
APPROVED

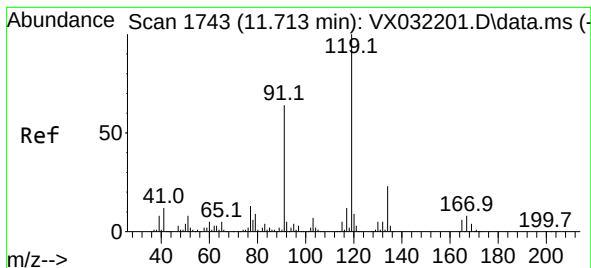
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 50.340 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

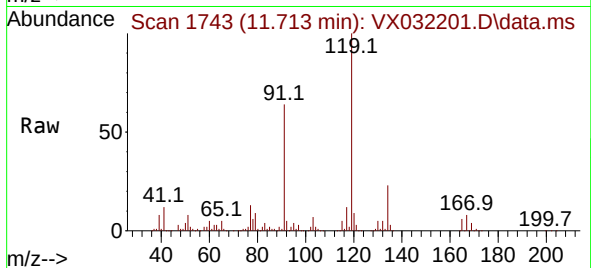
Tgt Ion: 91 Resp: 279359
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83
tert-Butylbenzene
Concen: 52.704 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.007 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

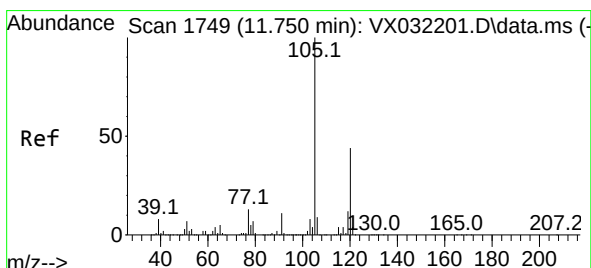
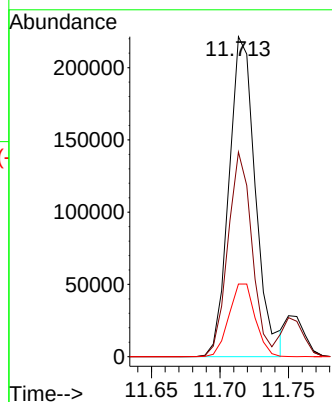
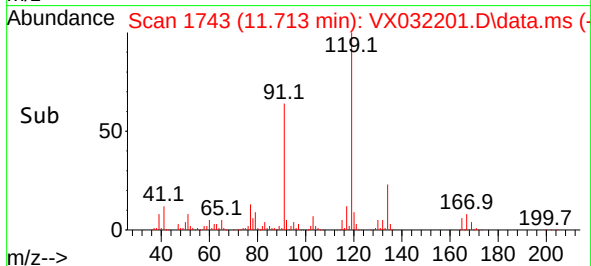
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



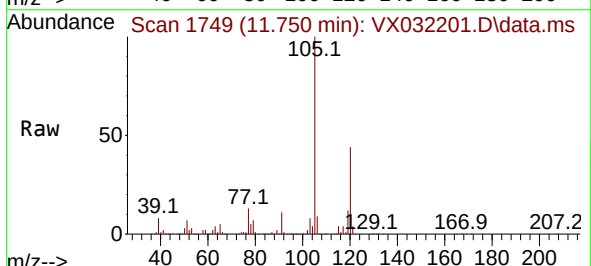
Tgt Ion:119 Resp: 298039
Ion Ratio Lower Upper
119 100
91 58.2 27.9 83.7
134 22.5 11.3 33.9

Manual Integrations
APPROVED

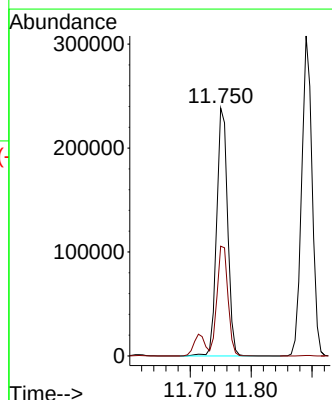
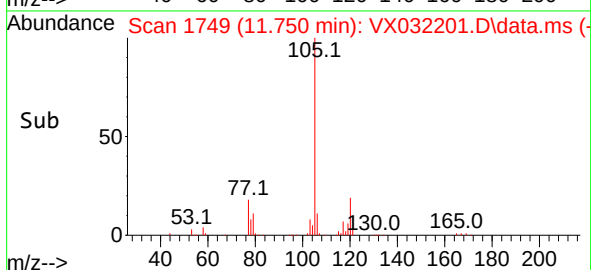
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

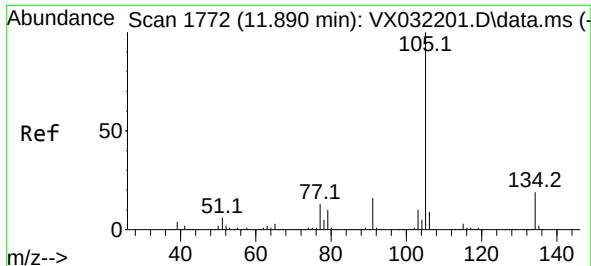


#84
1,2,4-Trimethylbenzene
Concen: 51.560 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



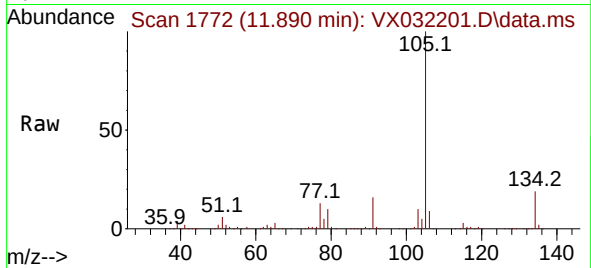
Tgt Ion:105 Resp: 297164
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 51.528 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32

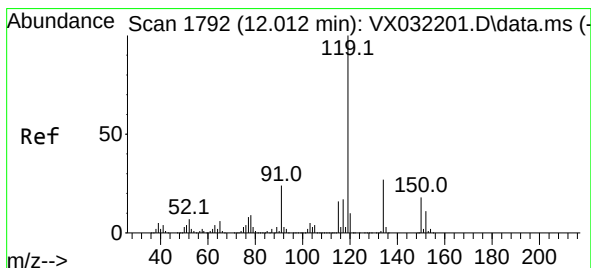
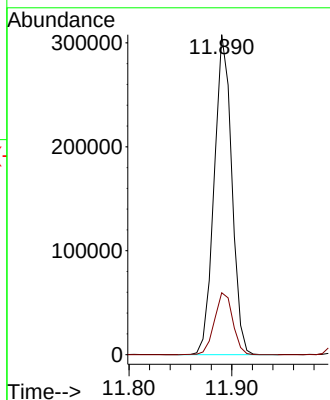
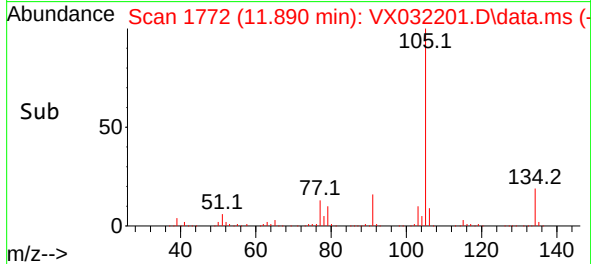
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



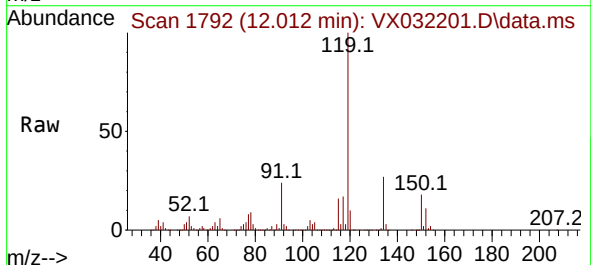
Tgt Ion:105 Resp: 365085
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8

Manual Integrations
 APPROVED

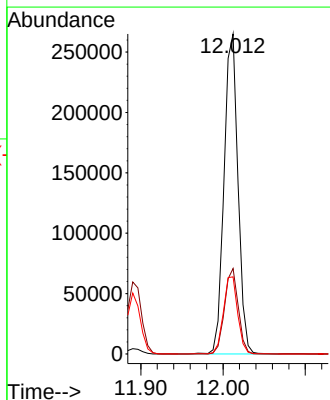
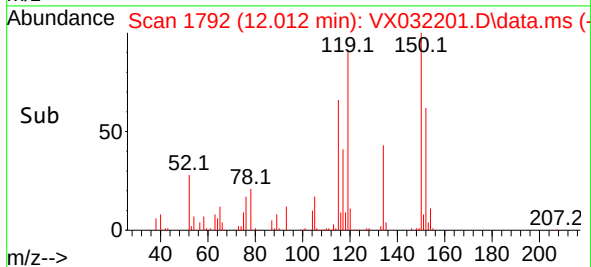
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

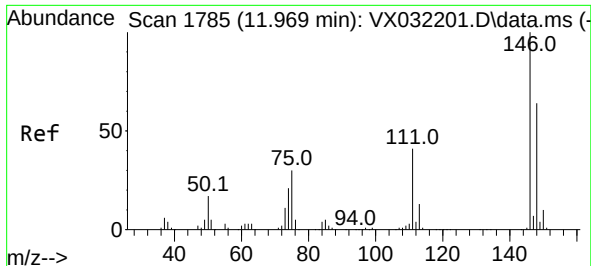


#86
 p-Isopropyltoluene
 Concen: 52.608 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032201.D
 Acq: 19 Oct 2022 12:32



Tgt Ion:119 Resp: 312879
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.327 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.007 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 16060

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

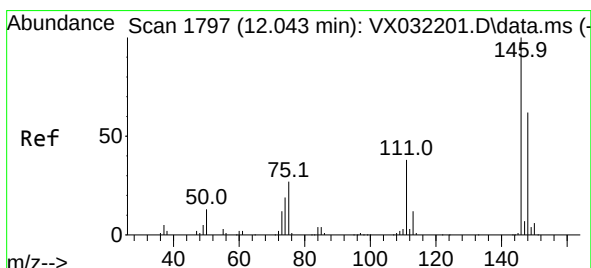
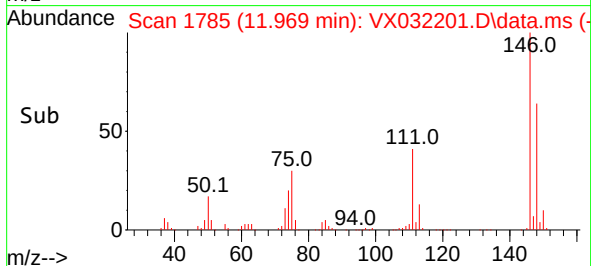
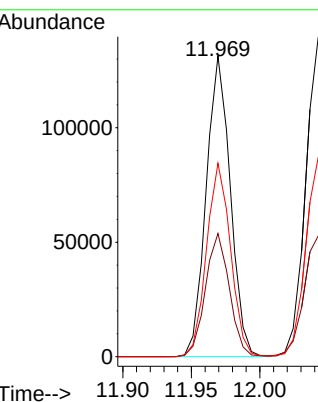
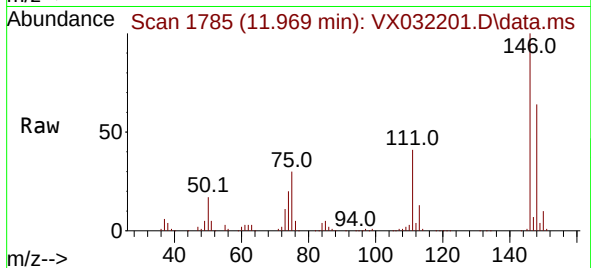
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 51.458 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

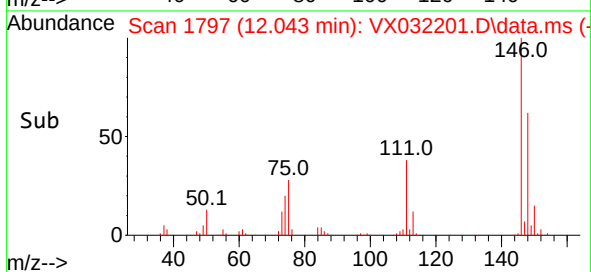
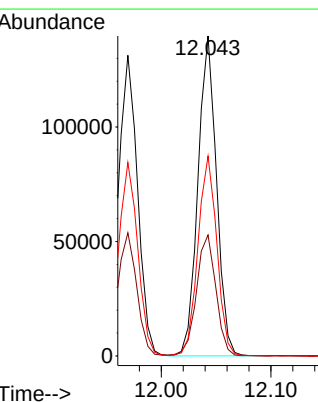
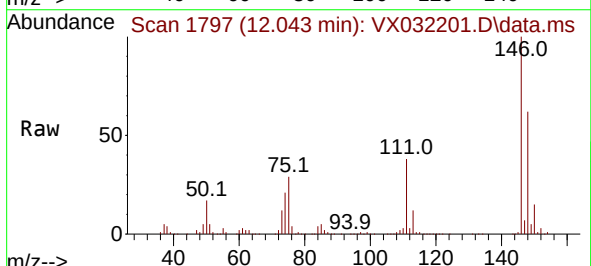
Tgt Ion:146 Resp: 164355

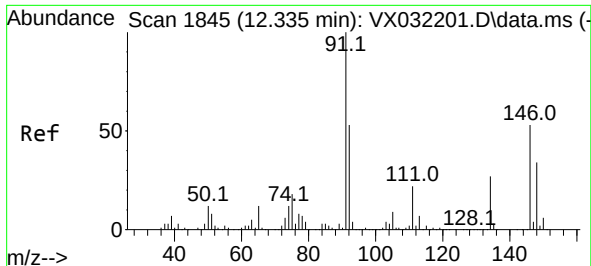
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

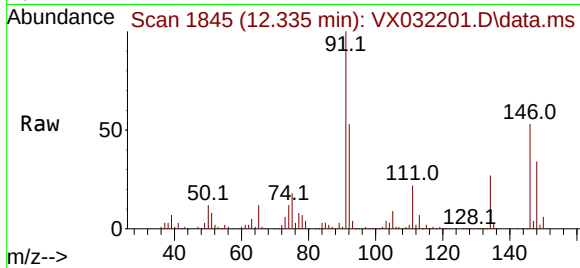
148 63.9 31.6 95.0





#89
n-Butylbenzene
Concen: 54.015 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

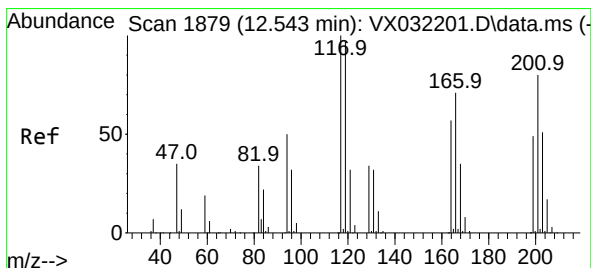
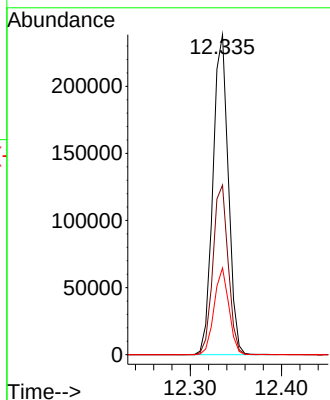
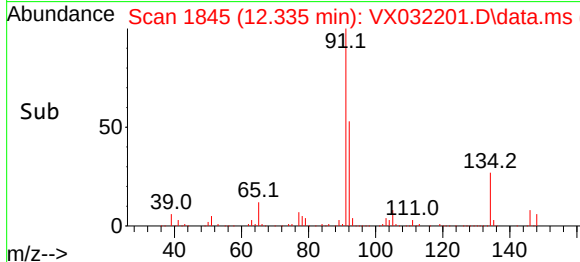
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 277950
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 26.0 13.2 39.5

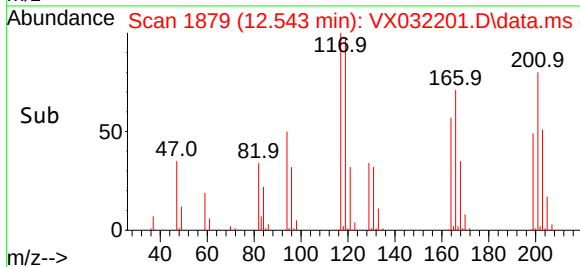
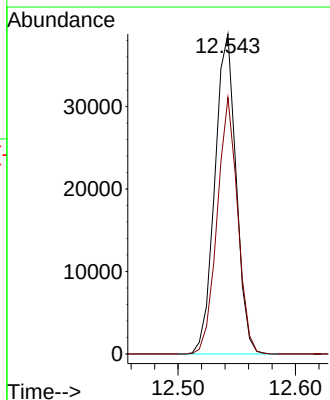
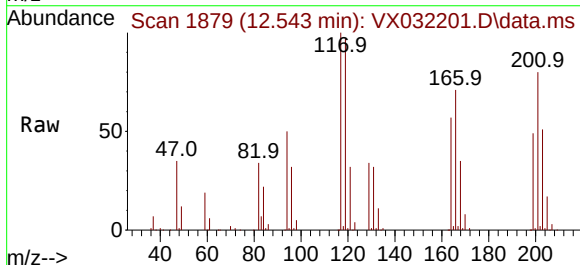
Manual Integrations
APPROVED

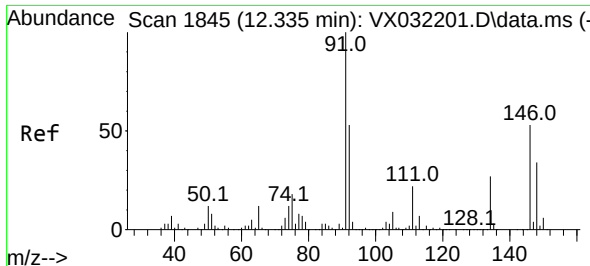
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 51.096 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

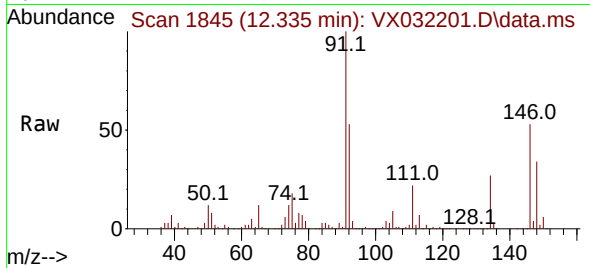
Tgt Ion:117 Resp: 48960
Ion Ratio Lower Upper
117 100
201 76.9 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 51.549 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

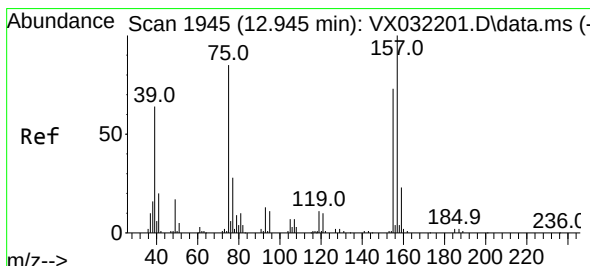
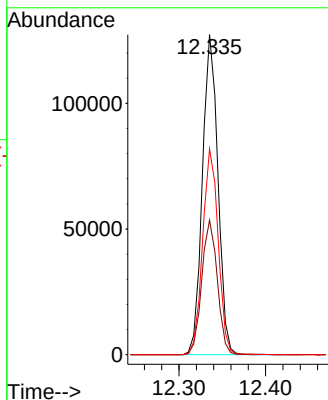
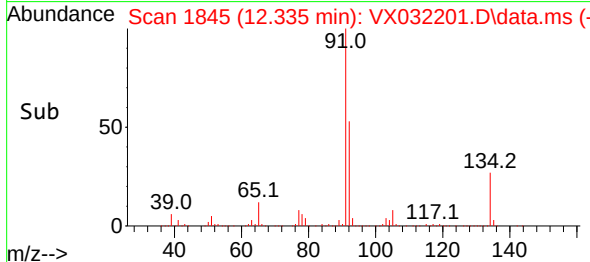
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



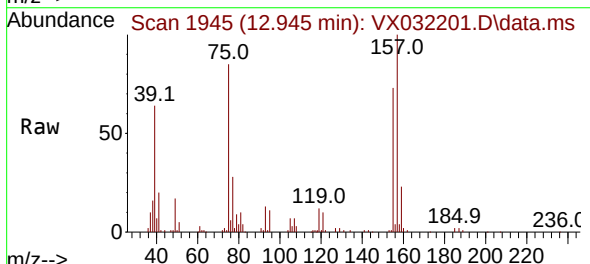
Tgt Ion:146 Resp: 158240
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 64.5 31.9 95.5

Manual Integrations
APPROVED

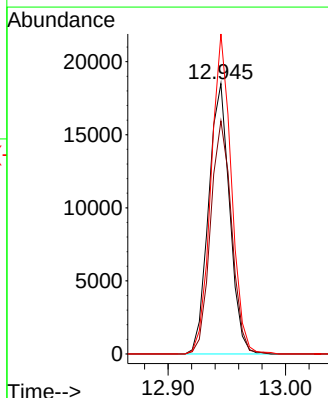
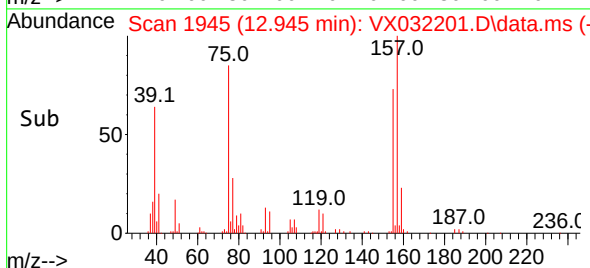
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

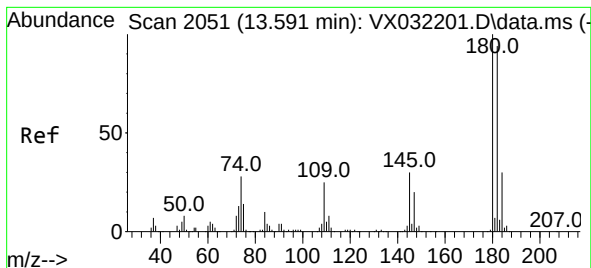


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.652 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32



Tgt Ion: 75 Resp: 23036
Ion Ratio Lower Upper
75 100
155 86.2 45.3 135.9
157 114.3 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 57.855 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

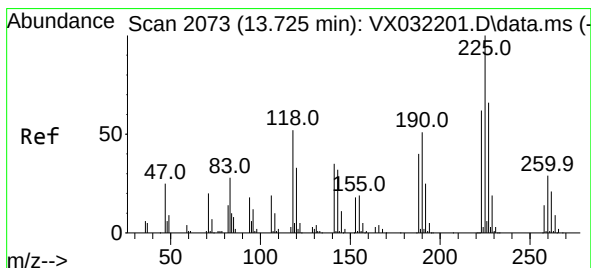
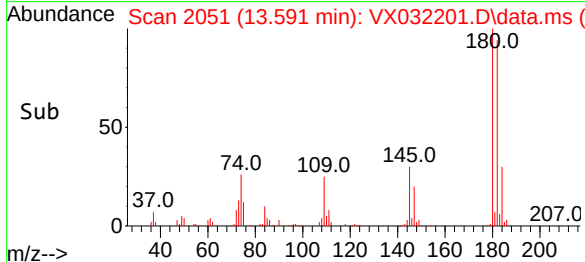
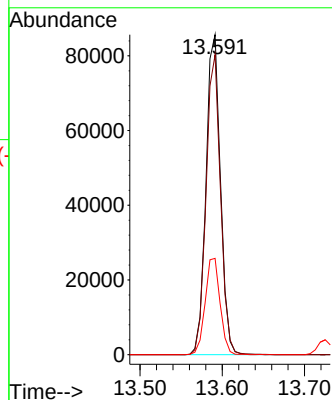
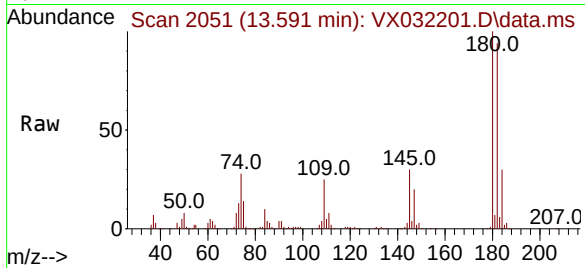
Tgt Ion:180	Resp: 10466
Ion Ratio	Lower Upper
180	100
182	93.5 47.7 143.1
145	31.1 15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 48.843 ug/l

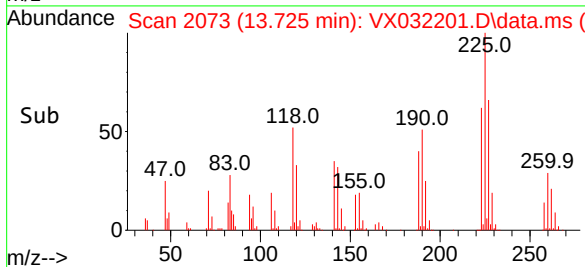
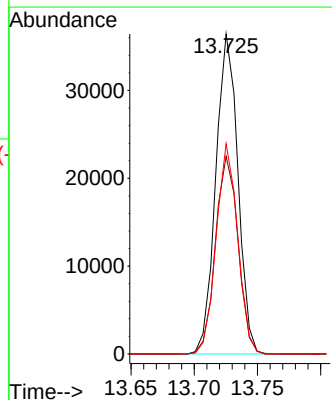
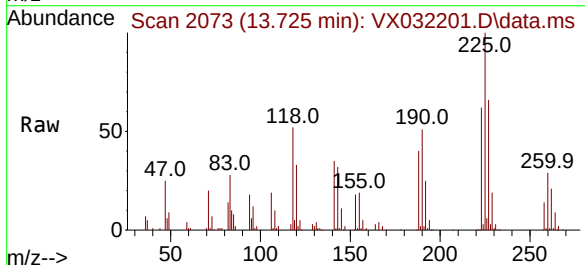
RT: 13.725 min Scan# 2073

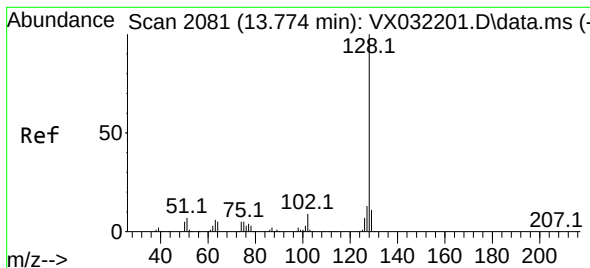
Delta R.T. 0.000 min

Lab File: VX032201.D

Acq: 19 Oct 2022 12:32

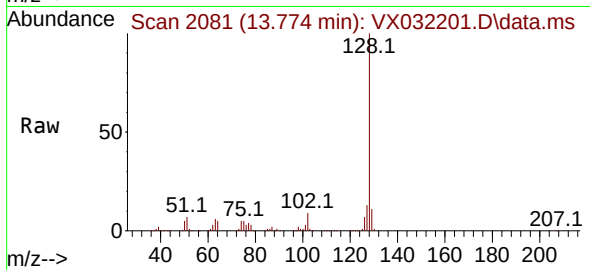
Tgt Ion:225	Resp: 44123
Ion Ratio	Lower Upper
225	100
223	62.9 31.1 93.2
227	64.0 31.6 95.0





#95
Naphthalene
Concen: 59.642 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

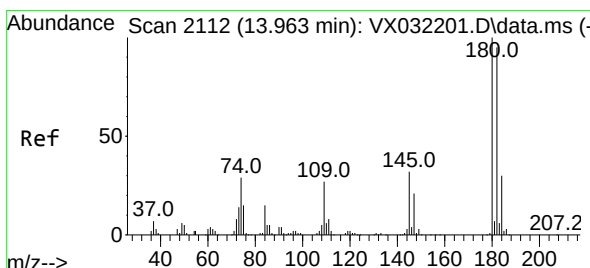
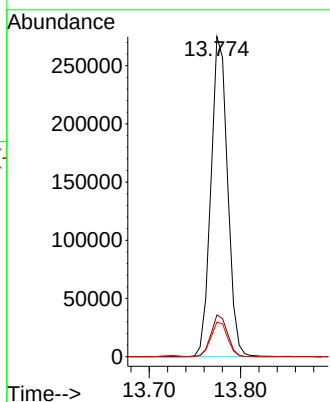
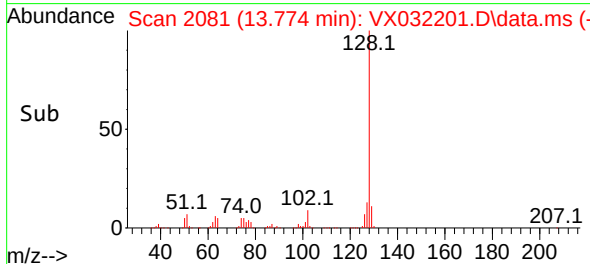
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 346958
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.550 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032201.D
Acq: 19 Oct 2022 12:32

Tgt Ion:180 Resp: 104937
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 33.0 16.1 48.3

