

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031886.D
 Acq On : 05 Oct 2022 11:21
 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 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 11:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 11:38:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	183617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200793	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93298	38.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.220%		
35) Dibromofluoromethane	5.385	113	98486	45.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.280%		
50) Toluene-d8	8.653	98	354691	45.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.900%		
62) 4-Bromofluorobenzene	11.079	95	128850	45.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	77171	44.260	ug/l	96
3) Chloromethane	1.288	50	63716	34.860	ug/l	100
4) Vinyl Chloride	1.368	62	84684	36.372	ug/l	100
5) Bromomethane	1.611	94	76618	42.021	ug/l	99
6) Chloroethane	1.685	64	80763	34.655	ug/l	96
7) Trichlorofluoromethane	1.886	101	172587	36.323	ug/l	100
8) Diethyl Ether	2.130	74	55584	35.903	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	85517	41.663	ug/l #	82
10) Methyl Iodide	2.453	142	99096	51.430	ug/l	97
11) Tert butyl alcohol	3.001	59	66054m	196.356	ug/l	
12) 1,1-Dichloroethene	2.319	96	80148	42.524	ug/l #	77
13) Acrolein	2.239	56	40575	203.726	ug/l	99
14) Allyl chloride	2.666	41	87963	36.562	ug/l #	92
15) Acrylonitrile	3.069	53	179837	204.660	ug/l	97
16) Acetone	2.386	43	133997	193.968	ug/l	91
17) Carbon Disulfide	2.508	76	166563	32.043	ug/l	99
18) Methyl Acetate	2.703	43	92911	41.107	ug/l #	80
19) Methyl tert-butyl Ether	3.111	73	255028	41.563	ug/l	94
20) Methylene Chloride	2.788	84	85786	40.584	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	91462	41.394	ug/l	83
22) Diisopropyl ether	3.764	45	198147	38.842	ug/l #	87
23) Vinyl Acetate	3.721	43	782339	205.018	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	135512	39.527	ug/l	95
25) 2-Butanone	4.562	43	223596	201.669	ug/l #	82
26) 2,2-Dichloropropane	4.477	77	110145	37.632	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	108516	42.238	ug/l	77
28) Bromochloromethane	4.897	49	52720	38.050	ug/l #	37
29) Tetrahydrofuran	5.007	42	141750	207.063	ug/l #	74
30) Chloroform	5.099	83	166303	40.548	ug/l	99
31) Cyclohexane	5.477	56	111597	38.779	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	154000	39.568	ug/l #	94
36) 1,1-Dichloropropene	5.696	75	115700	42.772	ug/l	92
37) Ethyl Acetate	4.715	43	91078	44.480	ug/l #	91
38) Carbon Tetrachloride	5.678	117	142806	42.526	ug/l	99
39) Methylcyclohexane	7.379	83	148629	44.788	ug/l #	84
40) Benzene	6.038	78	345835	44.256	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47429	42.626	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	114455	41.808	ug/l	92
43) Isopropyl Acetate	6.342	43	143783	43.430	ug/l #	87
44) Trichloroethene	7.129	130	120972	47.917	ug/l	79
45) 1,2-Dichloropropane	7.434	63	78730	43.005	ug/l	95
46) Dibromomethane	7.580	93	69503	45.548	ug/l #	80
47) Bromodichloromethane	7.824	83	124275	40.693	ug/l	99
48) Methyl methacrylate	7.696	41	67759	45.736	ug/l #	80
49) 1,4-Dioxane	7.696	88	45138	939.999	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	463676	223.114	ug/l	88
52) Toluene	8.720	92	248512	45.362	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	122066	41.917	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	137056	42.950	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	102553	46.965	ug/l	96
56) Ethyl methacrylate	9.116	69	127245	50.398	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	153353	45.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	306365	235.475	ug/l #	79
59) 2-Hexanone	9.433	43	343229	227.180	ug/l	84
60) Dibromochloromethane	9.525	129	117514	44.331	ug/l	100
61) 1,2-Dibromoethane	9.610	107	113146	46.663	ug/l	98
64) Tetrachloroethene	9.275	164	128762	51.294	ug/l	93
65) Chlorobenzene	10.079	112	288804	47.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	110616	47.202	ug/l	98
67) Ethyl Benzene	10.195	91	465052	46.404	ug/l	94
68) m/p-Xylenes	10.305	106	394505	95.349	ug/l	90
69) o-Xylene	10.640	106	195101	48.946	ug/l	89
70) Styrene	10.659	104	320737	49.505	ug/l	94
71) Bromoform	10.799	173	88241	44.776	ug/l #	100
73) Isopropylbenzene	10.963	105	506961	45.905	ug/l	98
74) N-amyl acetate	10.842	43	122159	47.229	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	138438	44.040	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	142758	50.186	ug/l	87
77) Bromobenzene	11.201	156	141776	48.674	ug/l	78
78) n-propylbenzene	11.305	91	544980	45.149	ug/l	93
79) 2-Chlorotoluene	11.366	91	323762	44.392	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	425962	46.190	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	33715	40.688	ug/l	96
82) 4-Chlorotoluene	11.457	91	371704	44.154	ug/l	90
83) tert-Butylbenzene	11.713	119	441302	47.344	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	424301	46.229	ug/l	95
85) sec-Butylbenzene	11.890	105	523888	46.688	ug/l	95
86) p-Isopropyltoluene	12.012	119	475617	48.568	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	265971	48.394	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	270349	47.097	ug/l	96
89) n-Butylbenzene	12.335	91	352412	45.561	ug/l	96
90) Hexachloroethane	12.542	117	68905	39.005	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	264628	48.078	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28378	42.930	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	180509	53.584	ug/l	97
94) Hexachlorobutadiene	13.725	225	73972	53.364	ug/l	99
95) Naphthalene	13.774	128	553466	52.745	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	180992	55.407	ug/l	97

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Response via : Initial Calibration

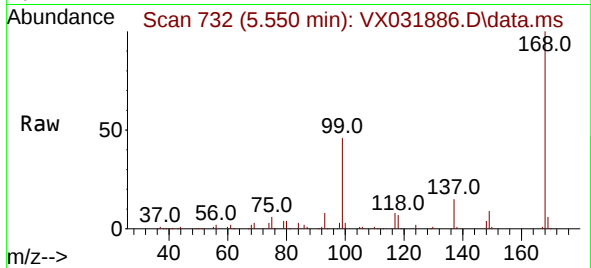
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031886.D
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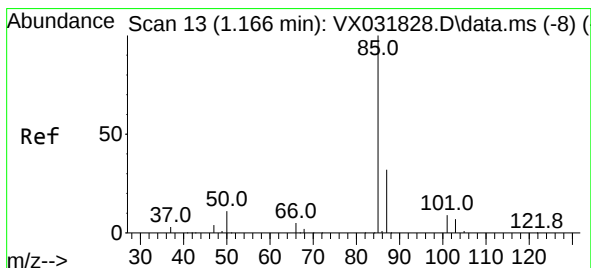
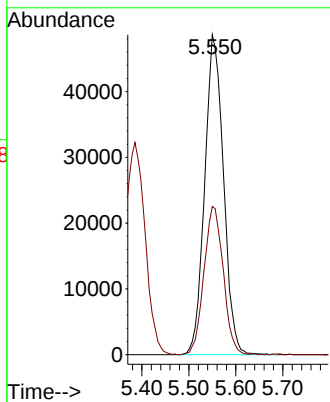
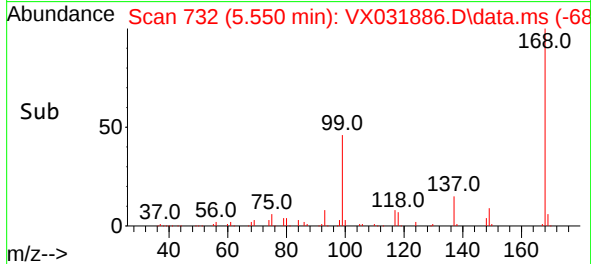
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 134870
Ion Ratio Lower Upper
168 100
99 46.3 48.8 73.2

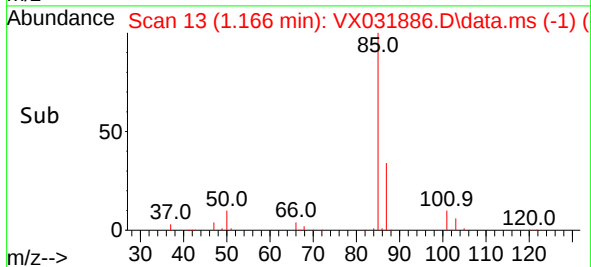
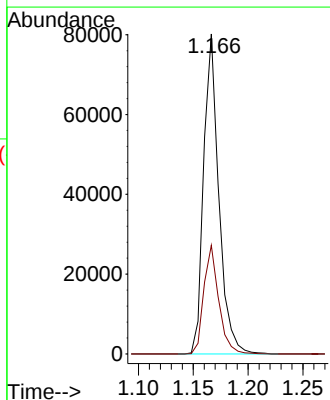
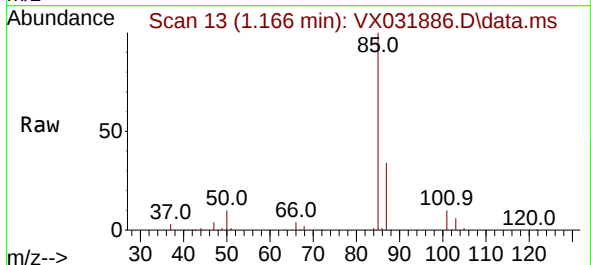
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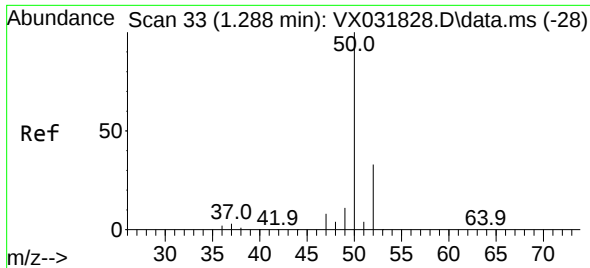
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#2
Dichlorodifluoromethane
Concen: 44.260 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 85 Resp: 77171
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





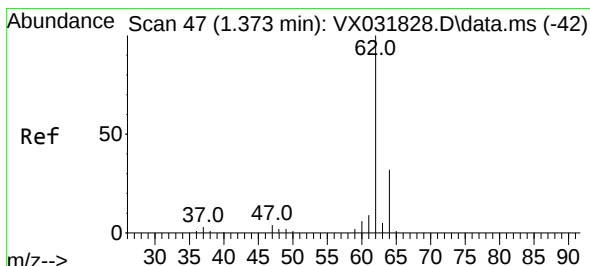
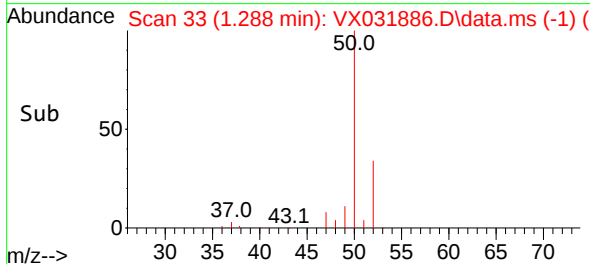
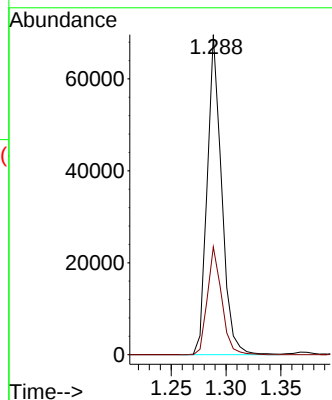
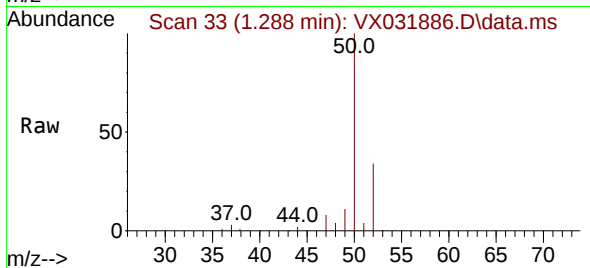
#3
Chloromethane
Concen: 34.860 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

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Tgt Ion: 50 Resp: 63710
Ion Ratio Lower Upper
50 100
52 33.7 26.9 40.3

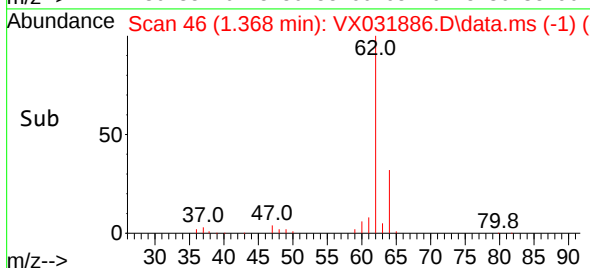
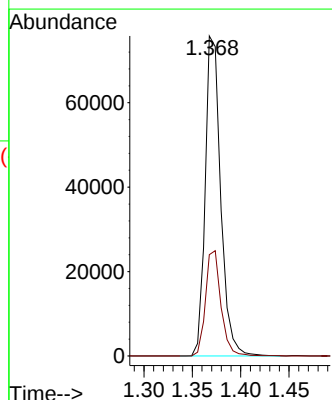
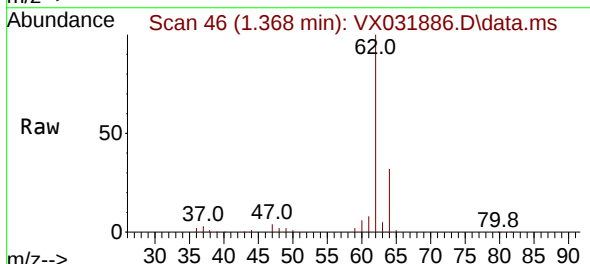
Manual Integrations
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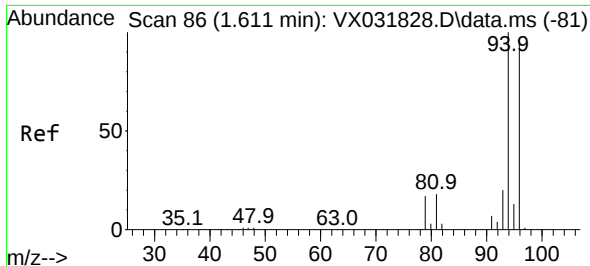
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#4
Vinyl Chloride
Concen: 36.372 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 62 Resp: 84684
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9





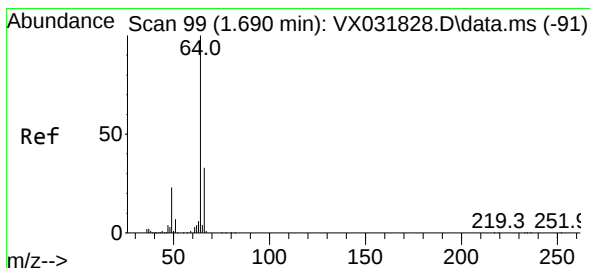
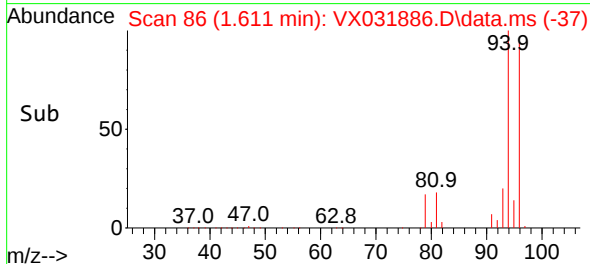
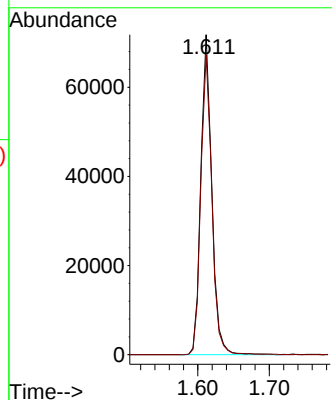
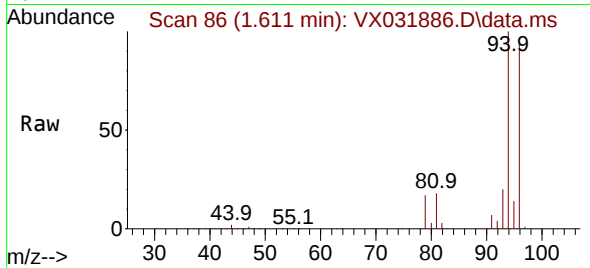
#5
Bromomethane
Concen: 42.021 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

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ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 76618
Ion Ratio Lower Upper
94 100
96 93.7 74.4 111.6

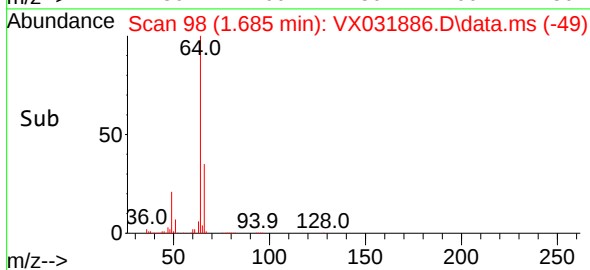
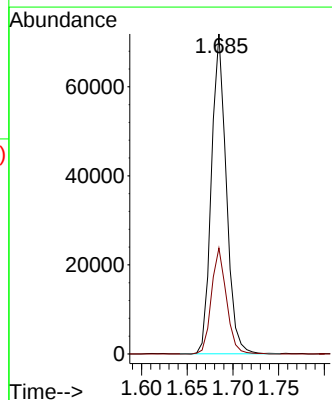
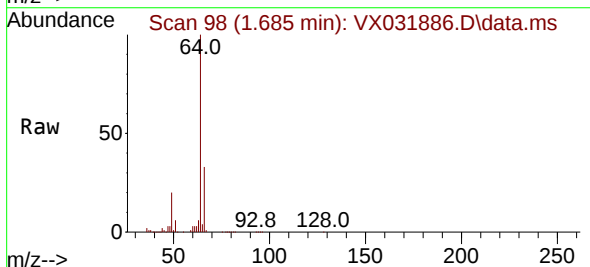
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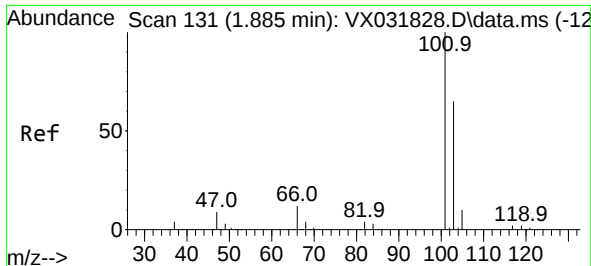
Reviewed By :John Carlone 10/06/2022
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#6
Chloroethane
Concen: 34.655 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031886.D
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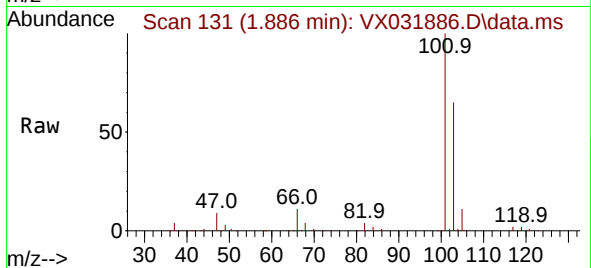
Tgt Ion: 64 Resp: 80763
Ion Ratio Lower Upper
64 100
66 33.1 25.0 37.4





#7
Trichlorofluoromethane
Concen: 36.323 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031886.D
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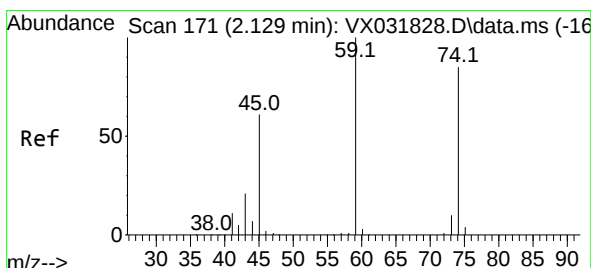
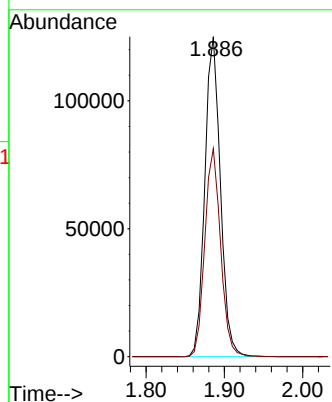
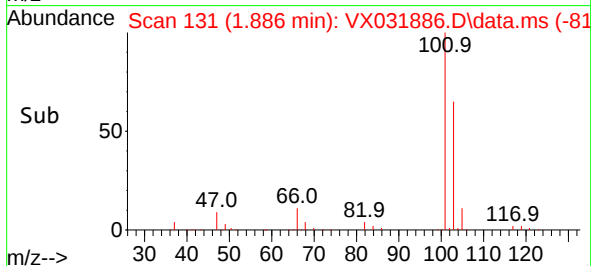
Instrument :
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VSTDICCC050



Tgt Ion:101 Resp: 17258
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

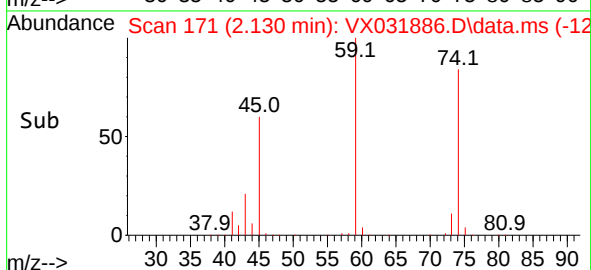
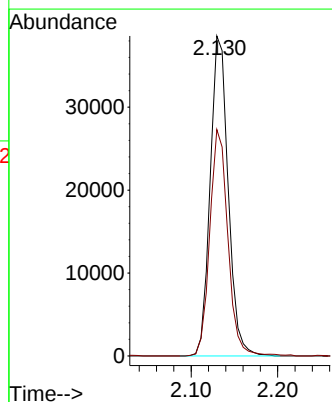
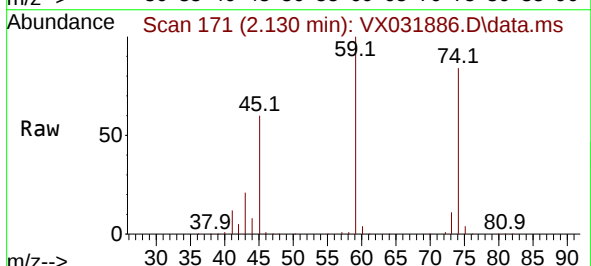
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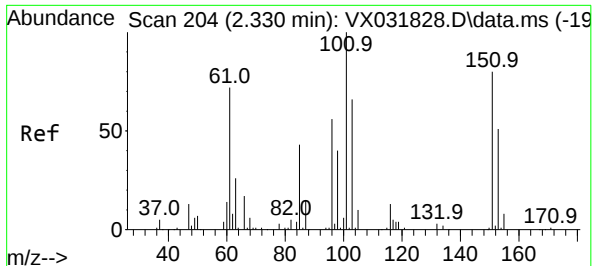
Reviewed By :John Carlone 10/06/2022
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#8
Diethyl Ether
Concen: 35.903 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 55584
Ion Ratio Lower Upper
74 100
45 71.5 48.5 145.6





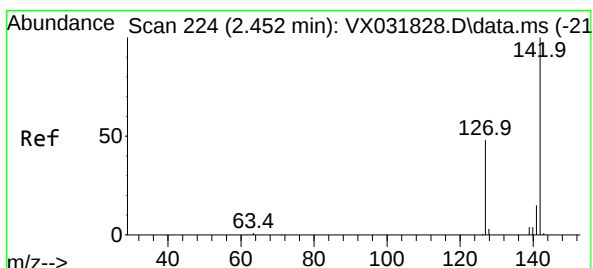
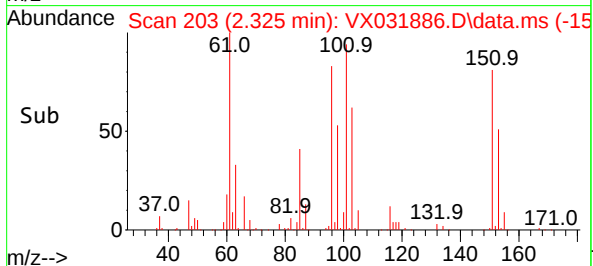
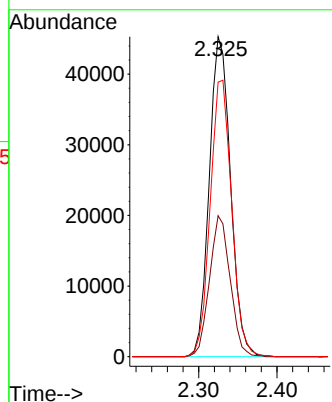
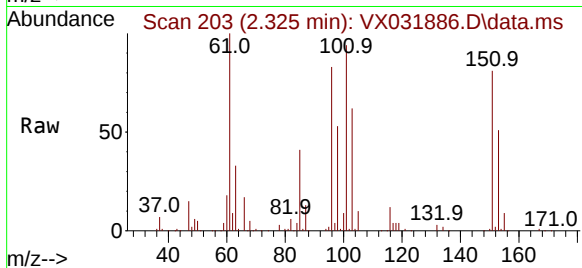
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.663 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 8551
Ion Ratio Lower Upper
101 100
85 42.8 38.6 57.8
151 87.3 54.0 81.0

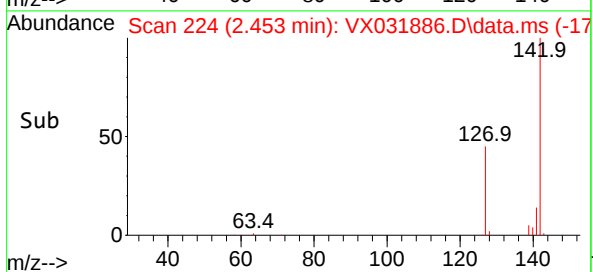
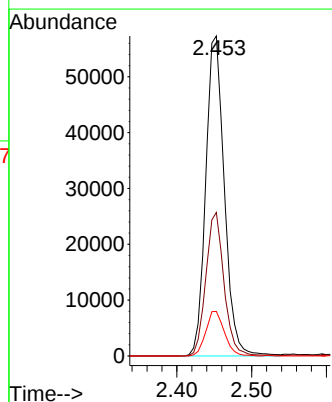
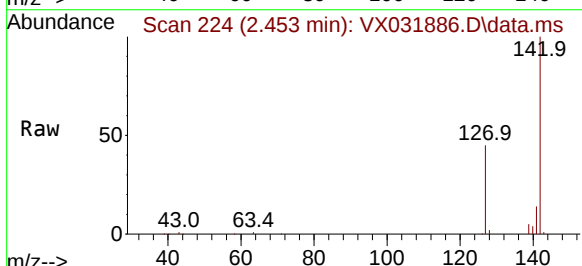
Manual Integrations
APPROVED

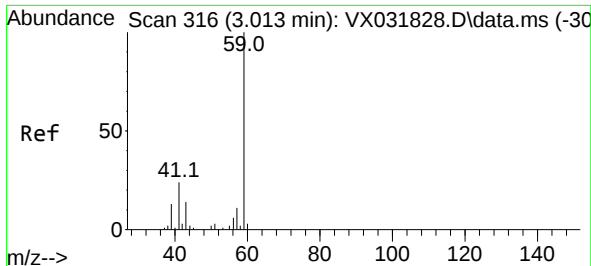
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 51.430 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

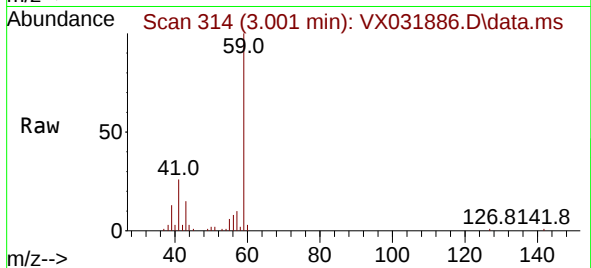
Tgt Ion:142 Resp: 99096
Ion Ratio Lower Upper
142 100
127 43.9 37.4 56.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 196.356 ug/l m
RT: 3.001 min Scan# 316
Delta R.T. -0.080 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

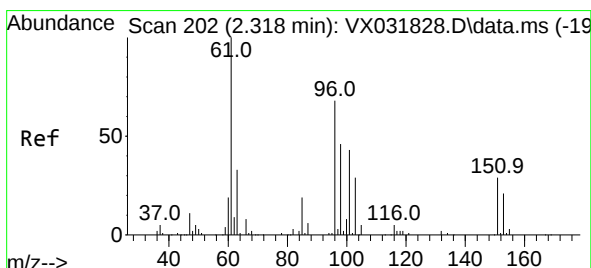
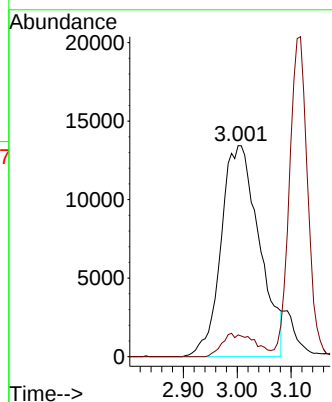
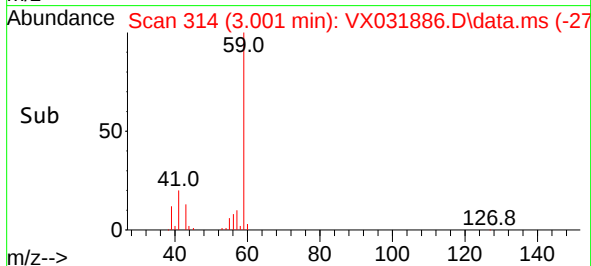
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 66054
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

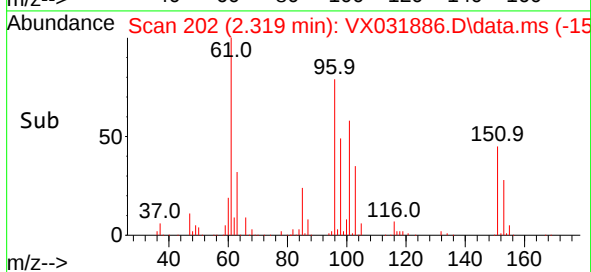
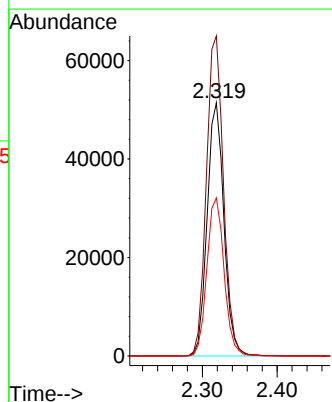
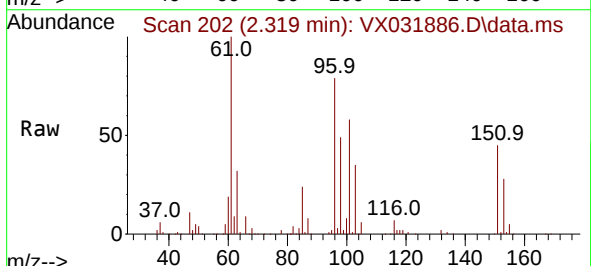
Manual Integrations
APPROVED

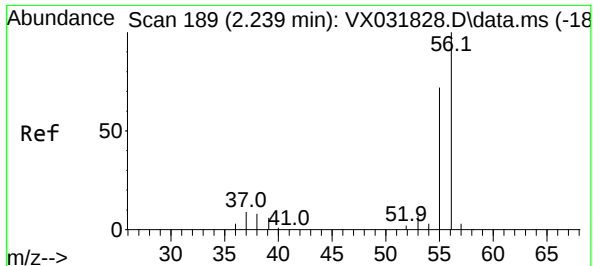
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 42.524 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

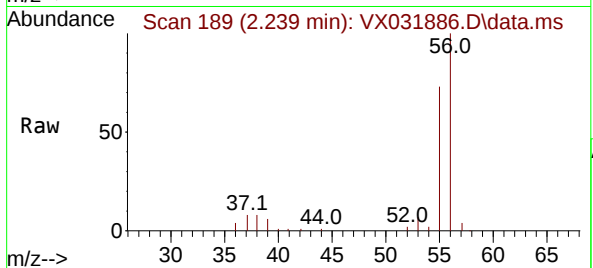
Tgt Ion: 96 Resp: 80148
Ion Ratio Lower Upper
96 100
61 126.4 135.3 202.9#
98 62.5 49.4 74.2





#13
Acrolein
Concen: 203.726 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

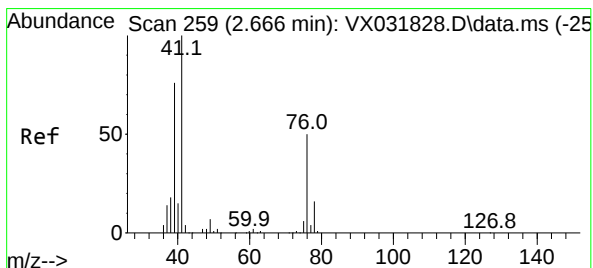
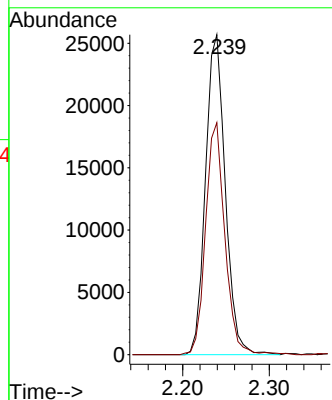
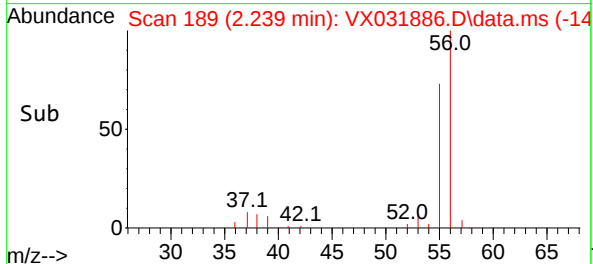
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 4057
Ion Ratio Lower Upper
56 100
55 71.2 56.0 84.0

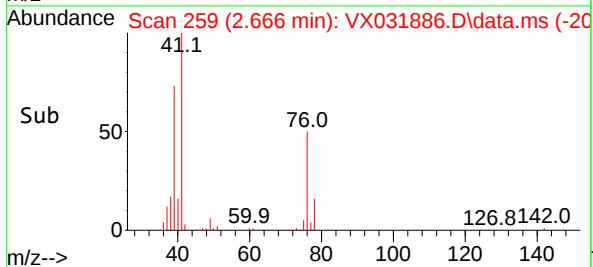
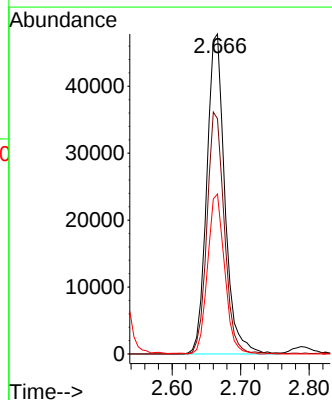
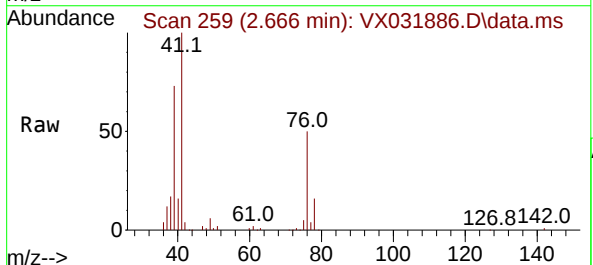
Manual Integrations
APPROVED

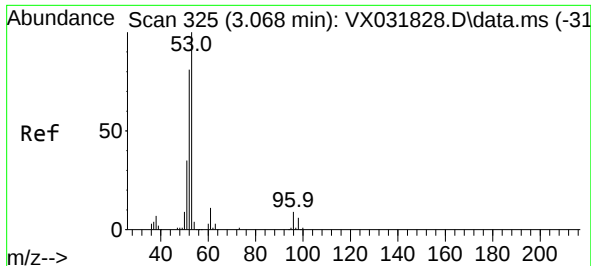
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 36.562 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

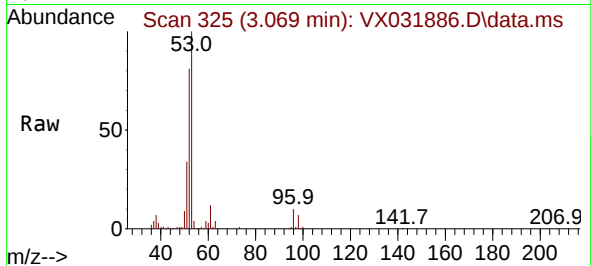
Tgt Ion: 41 Resp: 87963
Ion Ratio Lower Upper
41 100
39 72.5 58.2 87.4
76 47.1 26.9 40.3





#15
Acrylonitrile
Concen: 204.660 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

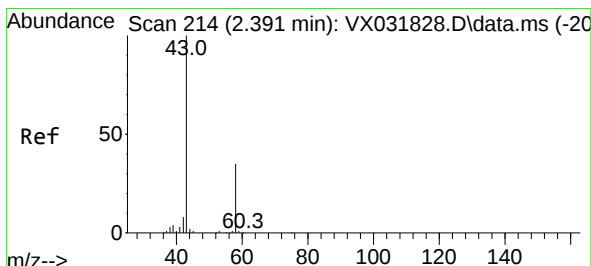
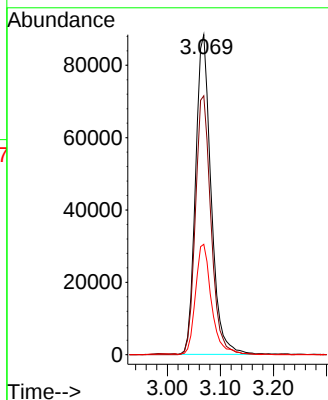
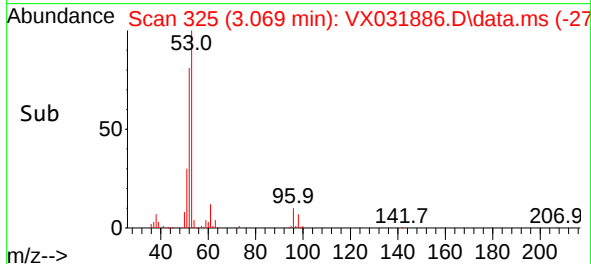
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 17983
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 35.5 30.0 45.0

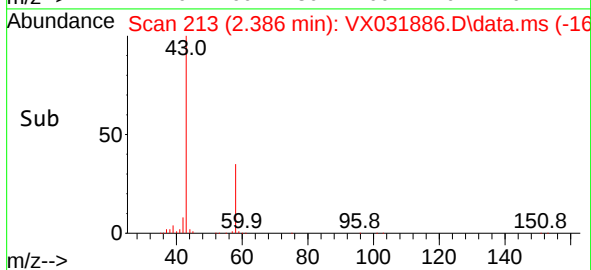
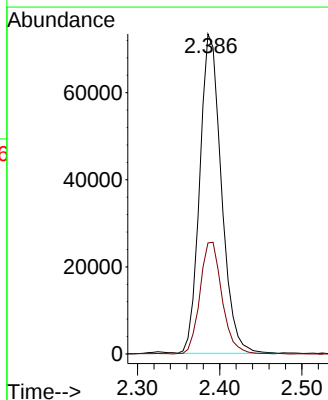
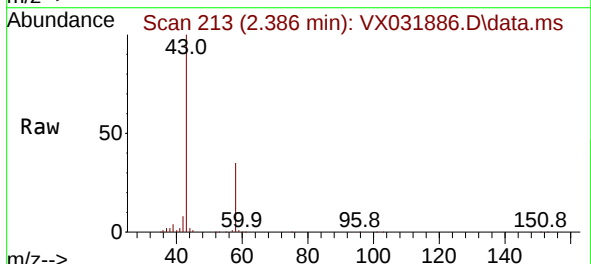
Manual Integrations
APPROVED

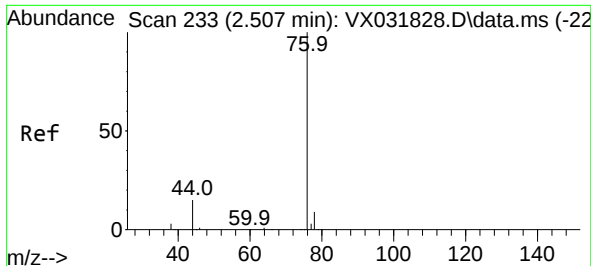
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 193.968 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

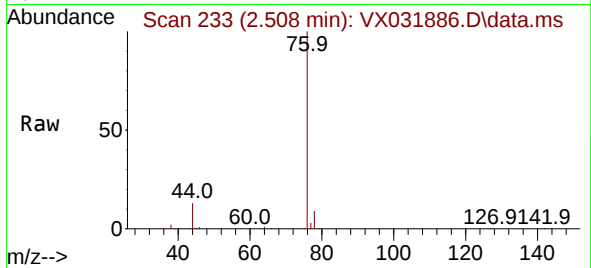
Tgt Ion: 43 Resp: 133997
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.8





#17
Carbon Disulfide
Concen: 32.043 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

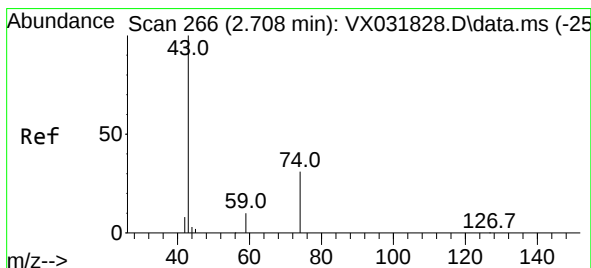
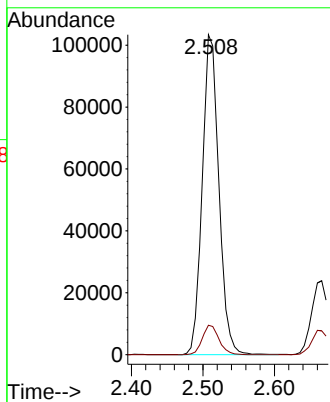
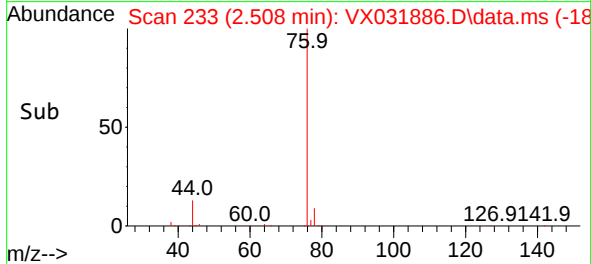
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 16656
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

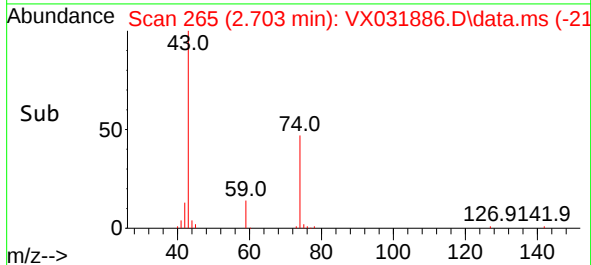
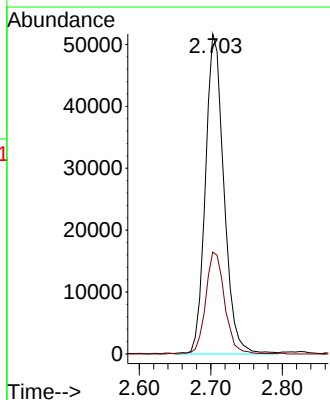
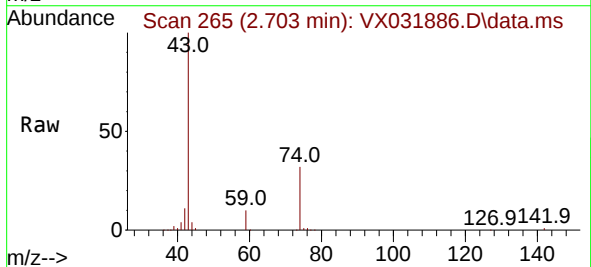
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 41.107 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 43 Resp: 92911
Ion Ratio Lower Upper
43 100
74 32.8 18.6 27.8#





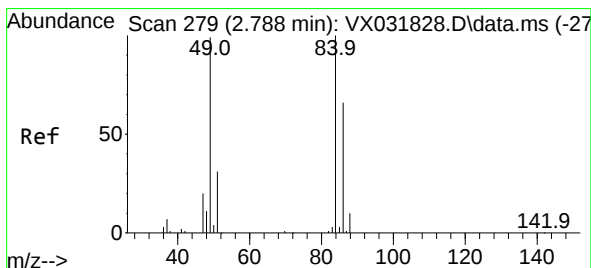
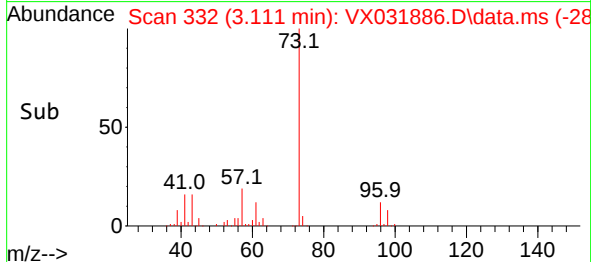
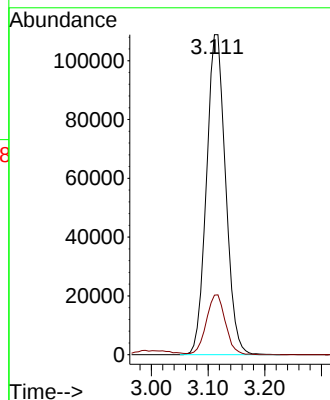
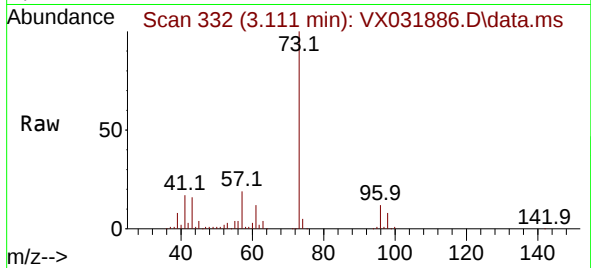
#19
Methyl tert-butyl Ether
Concen: 41.563 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 255028
Ion Ratio Lower Upper
73 100
57 18.6 17.2 25.8

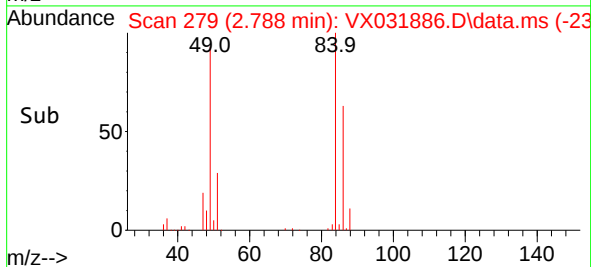
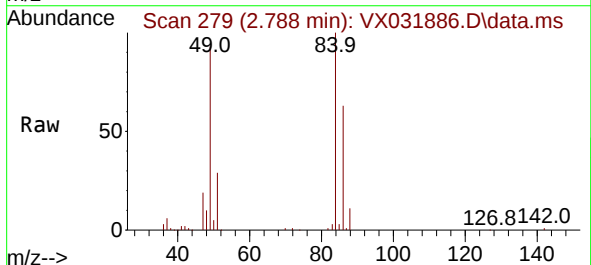
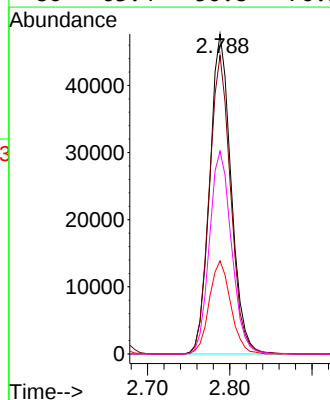
Manual Integrations
APPROVED

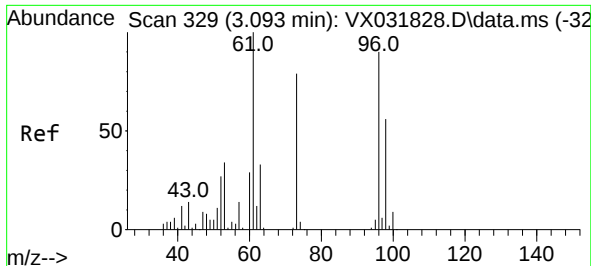
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 40.584 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

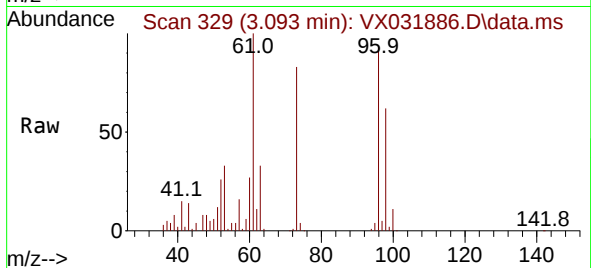
Tgt Ion: 84 Resp: 85786
Ion Ratio Lower Upper
84 100
49 93.3 105.9 158.9#
51 29.1 32.2 48.2#
86 63.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 41.394 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

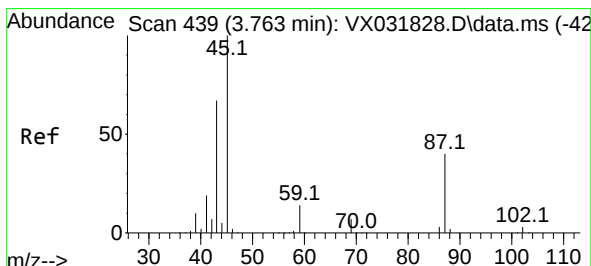
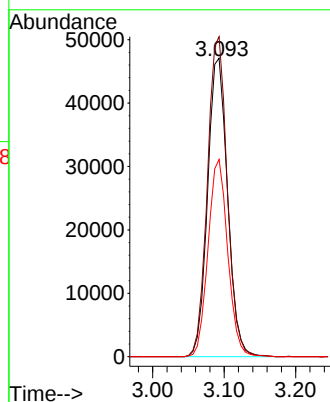
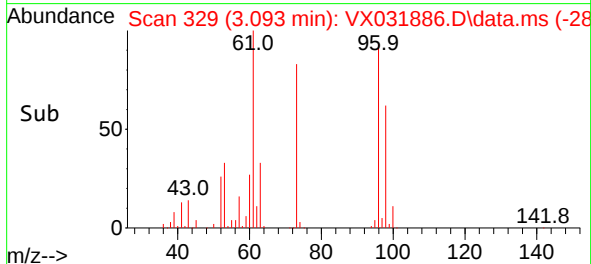
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



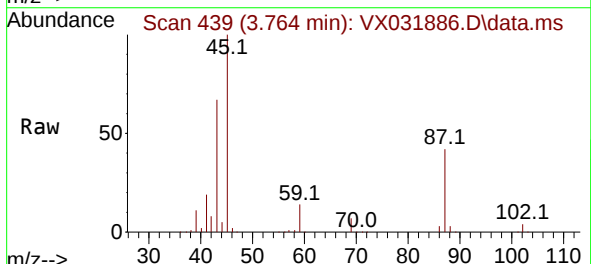
Tgt Ion: 96 Resp: 91462
Ion Ratio Lower Upper
96 100
61 107.2 106.7 160.1
98 66.1 48.7 73.1

Manual Integrations
APPROVED

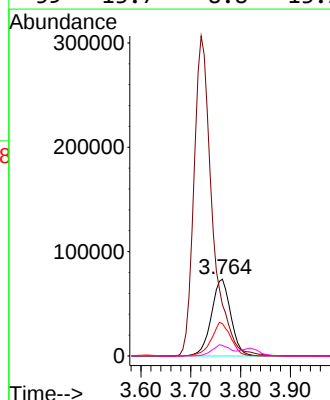
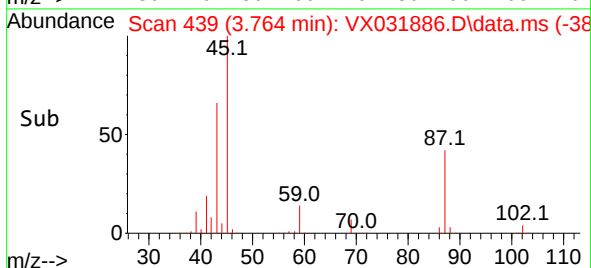
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

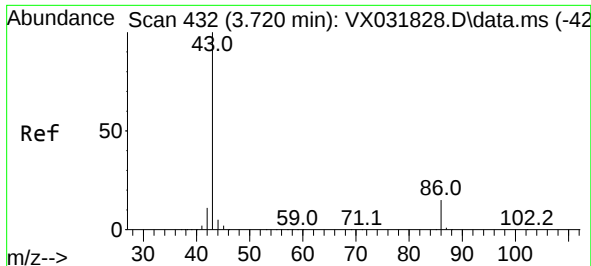


#22
Diisopropyl ether
Concen: 38.842 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21



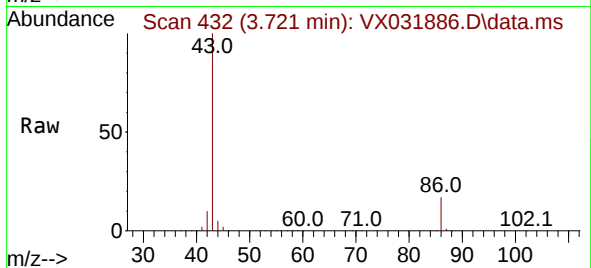
Tgt Ion: 45 Resp: 198147
Ion Ratio Lower Upper
45 100
43 66.2 59.0 88.6
87 42.1 22.6 33.8#
59 13.7 8.8 13.2#





#23
 Vinyl Acetate
 Concen: 205.018 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031886.D
 Acq: 05 Oct 2022 11:21

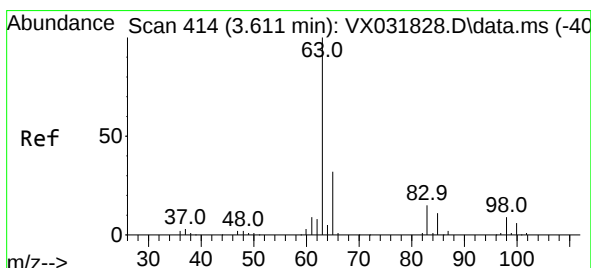
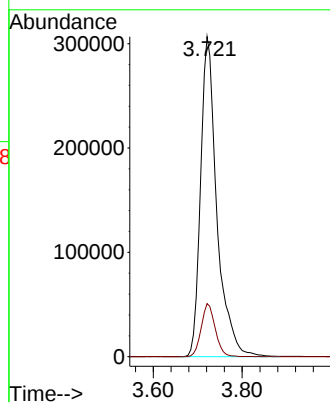
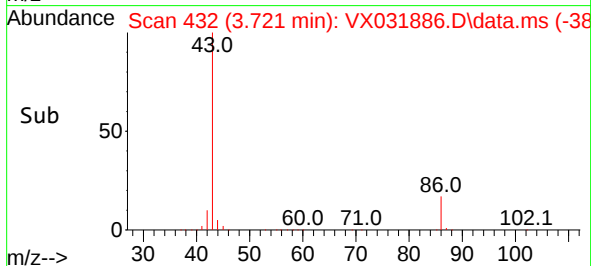
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



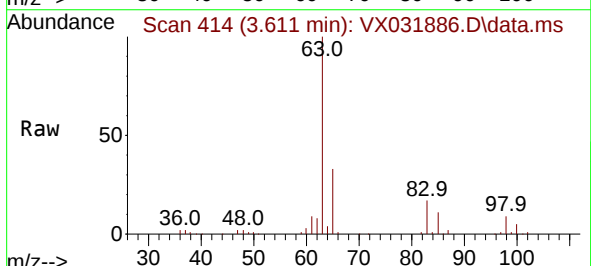
Tgt Ion: 43 Resp: 782339
 Ion Ratio Lower Upper
 43 100
 86 16.6 8.7 13.1

Manual Integrations
 APPROVED

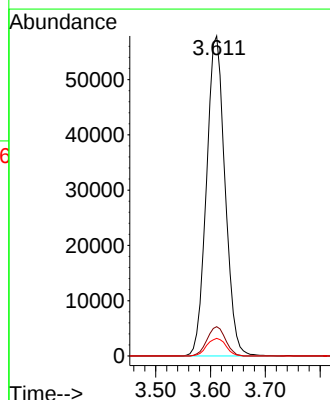
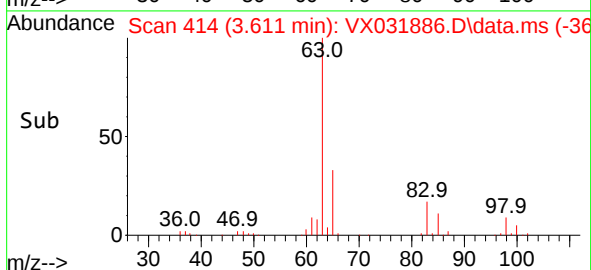
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

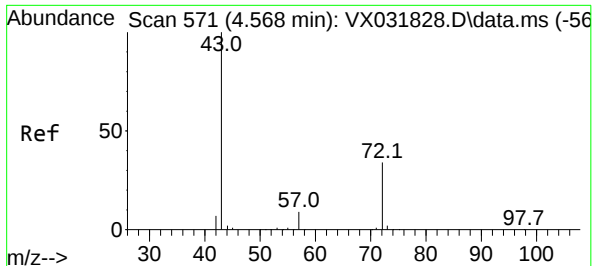


#24
 1,1-Dichloroethane
 Concen: 39.527 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031886.D
 Acq: 05 Oct 2022 11:21



Tgt Ion: 63 Resp: 135512
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.5 10.4
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 201.669 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 223590

Ion Ratio Lower Upper

43 100

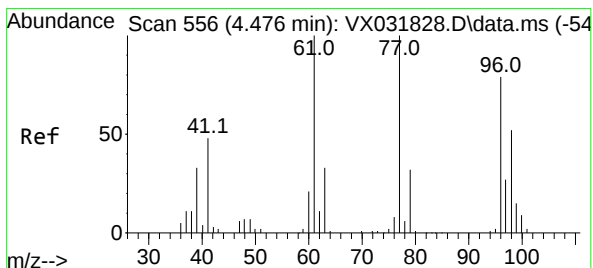
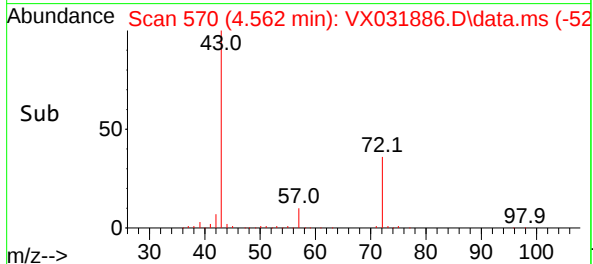
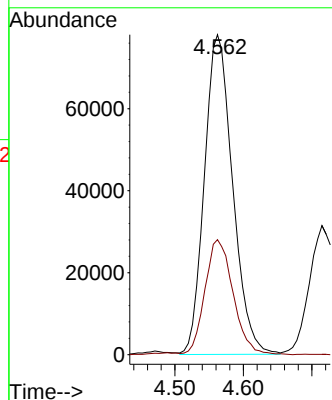
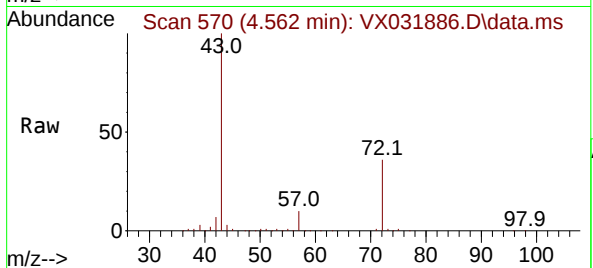
72 35.8 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 37.632 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031886.D

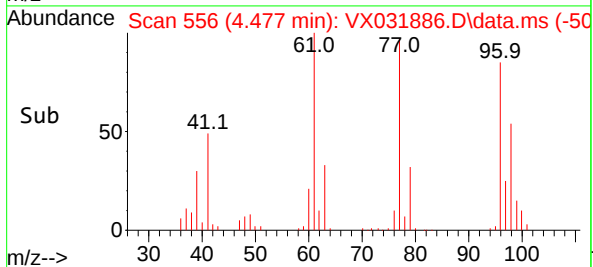
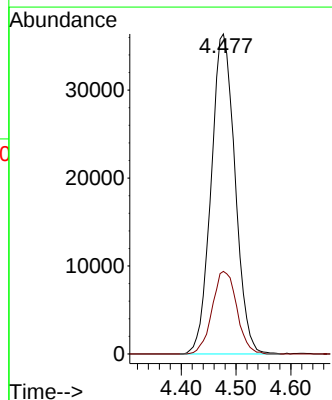
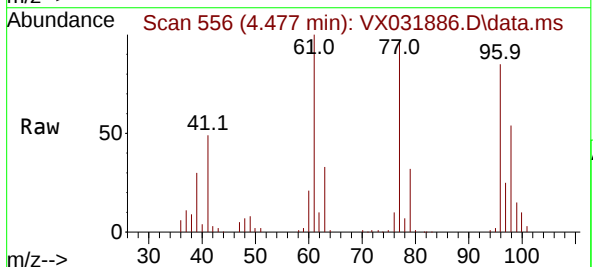
Acq: 05 Oct 2022 11:21

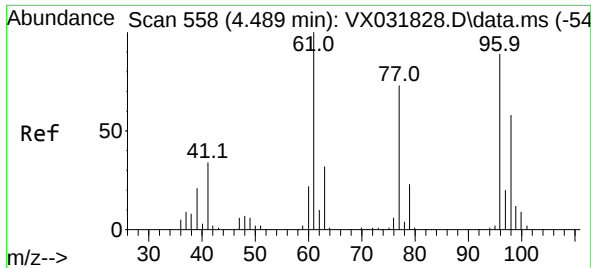
Tgt Ion: 77 Resp: 110145

Ion Ratio Lower Upper

77 100

97 26.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 42.238 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 108510

Ion Ratio Lower Upper

96 100

61 111.9 0.0 305.2

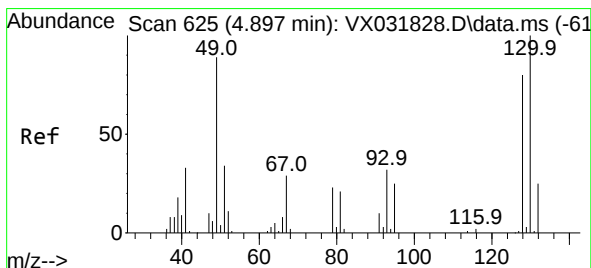
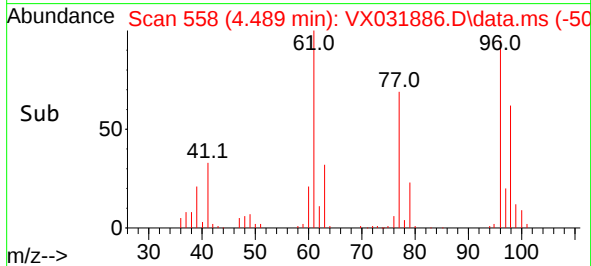
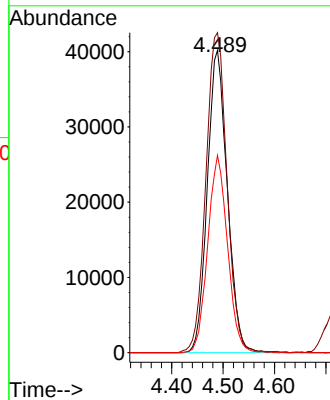
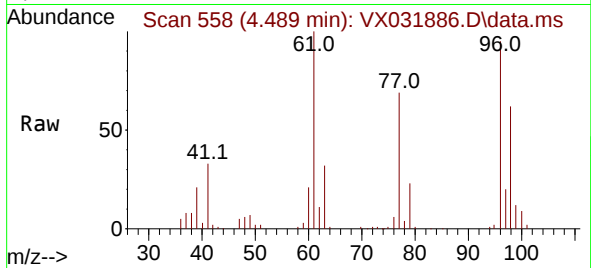
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 38.050 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

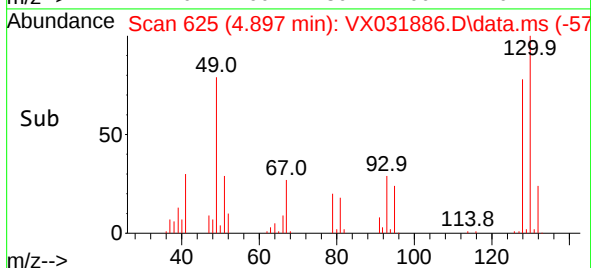
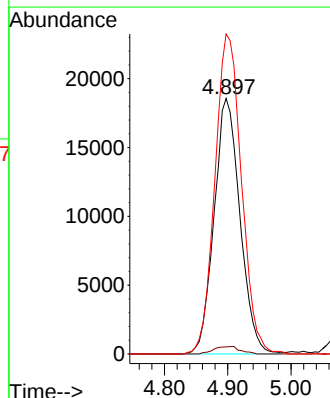
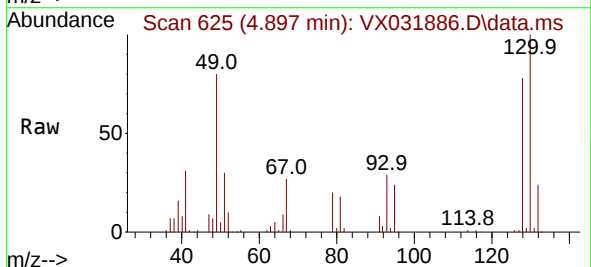
Tgt Ion: 49 Resp: 52720

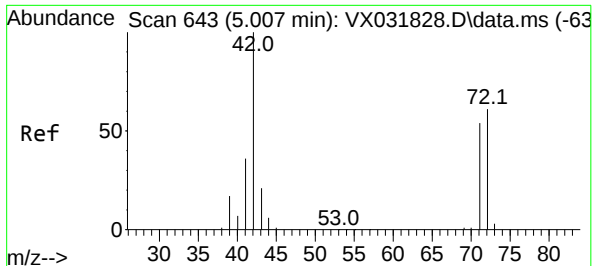
Ion Ratio Lower Upper

49 100

129 3.0 0.0 3.6

130 128.5 59.0 88.4#





#29

Tetrahydrofuran

Concen: 207.063 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 141750

Ion Ratio Lower Upper

42 100

72 63.6 36.4 54.6

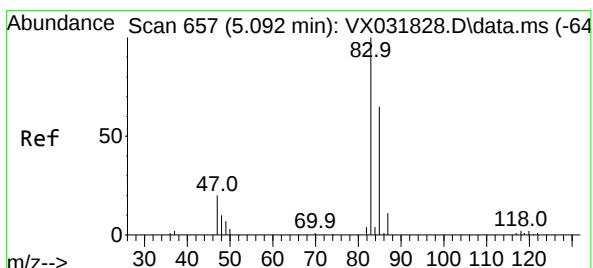
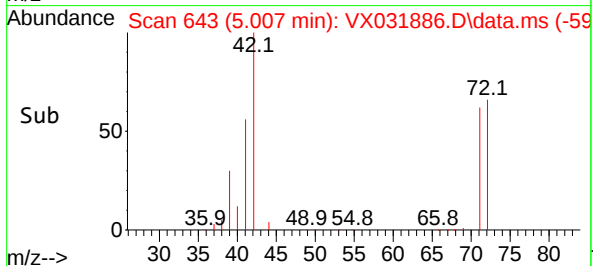
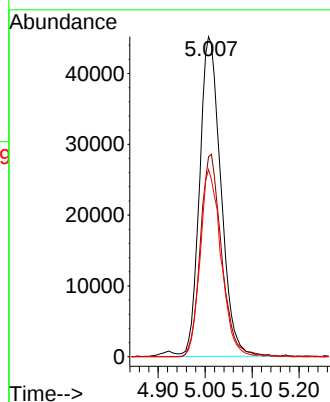
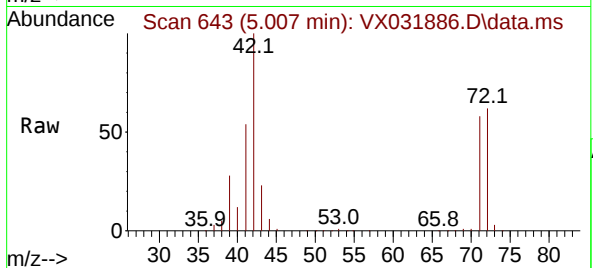
71 57.9 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 40.548 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX031886.D

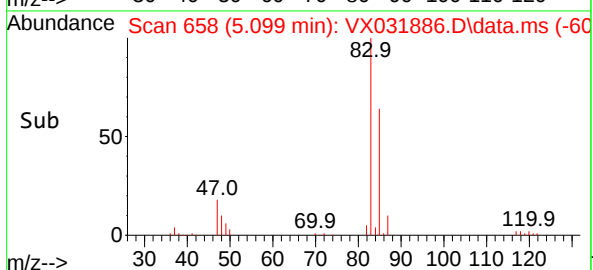
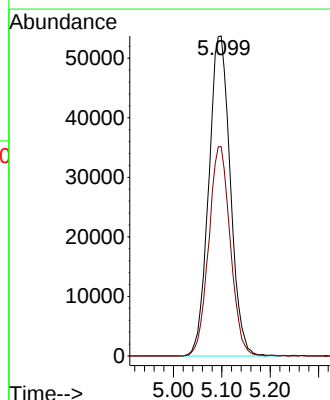
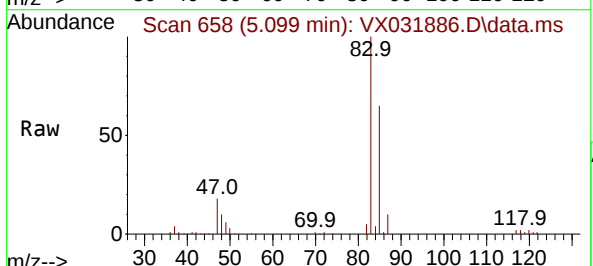
Acq: 05 Oct 2022 11:21

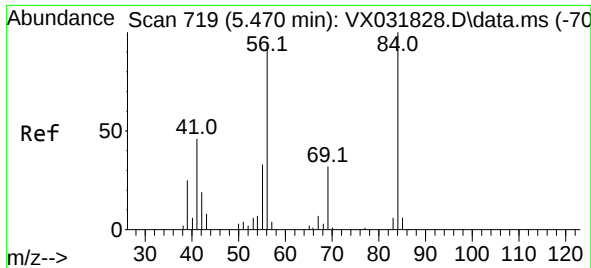
Tgt Ion: 83 Resp: 166303

Ion Ratio Lower Upper

83 100

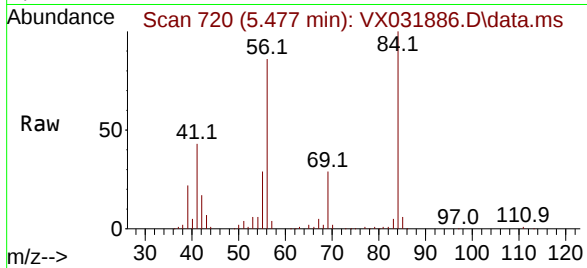
85 65.4 52.8 79.2





#31
Cyclohexane
Concen: 38.779 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

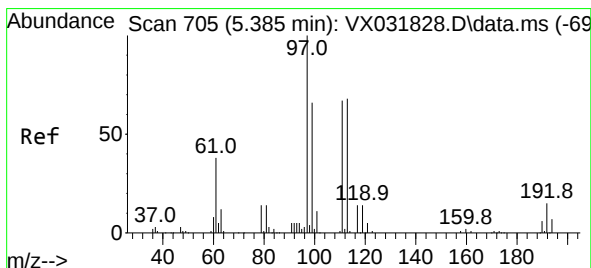
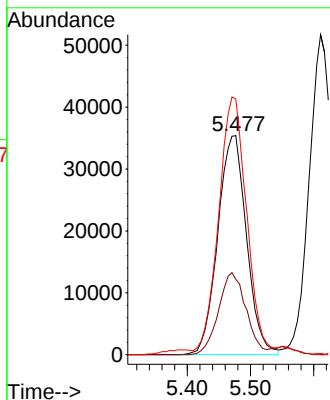
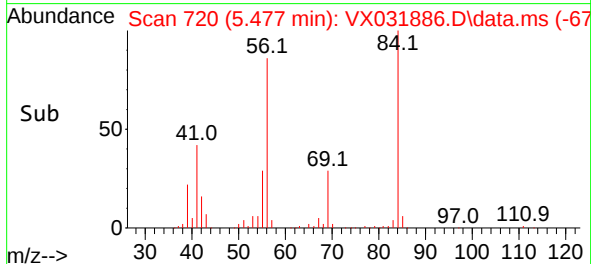
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 111597
Ion Ratio Lower Upper
56 100
69 34.4 25.1 37.7
84 114.6 70.2 105.4

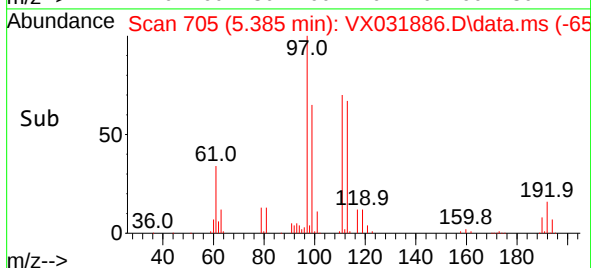
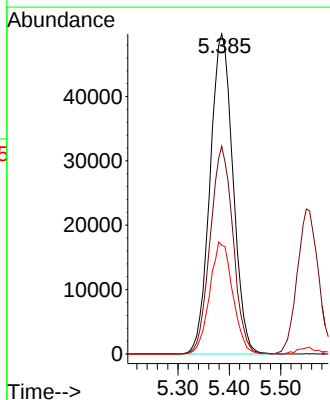
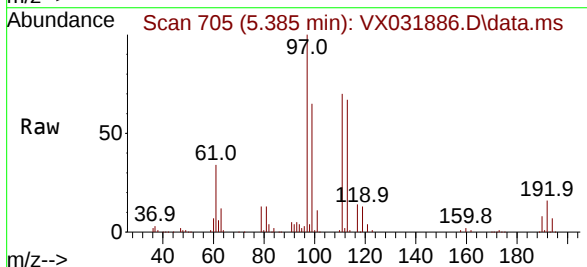
Manual Integrations
APPROVED

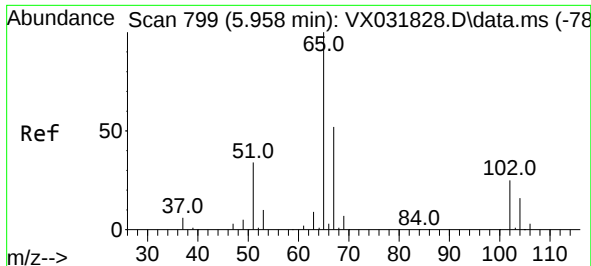
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 39.568 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 97 Resp: 154000
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 35.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 38.612 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 93298

Ion Ratio Lower Upper

65 100

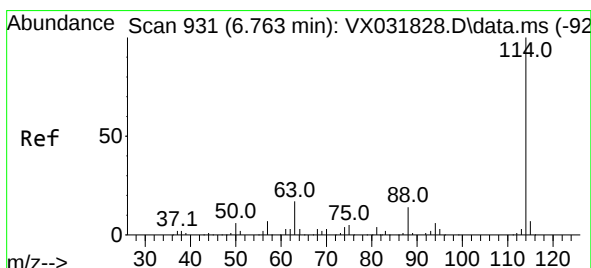
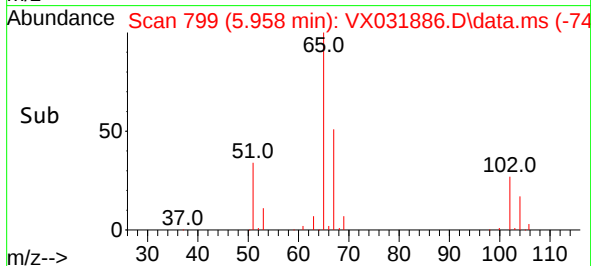
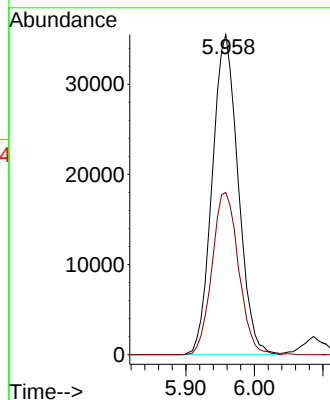
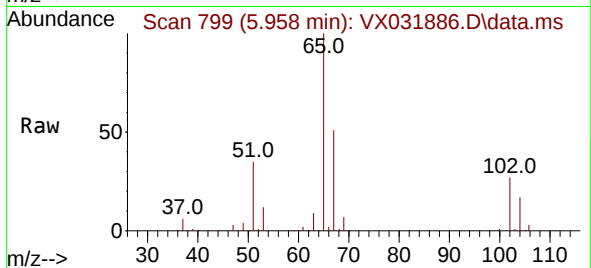
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

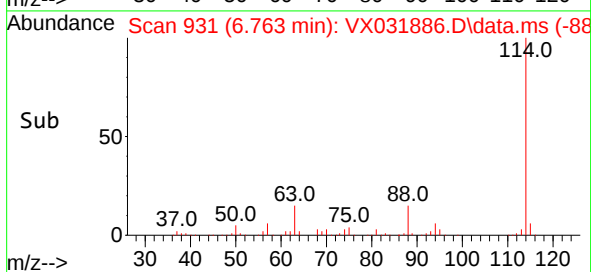
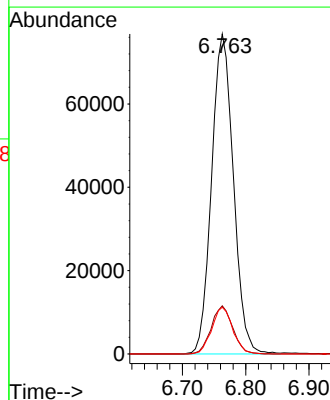
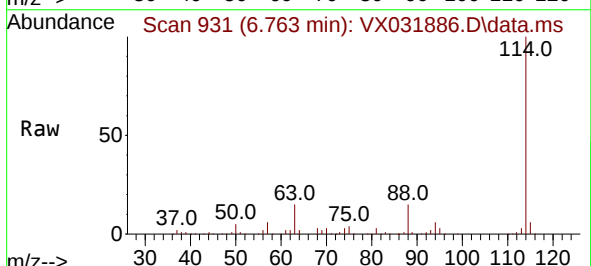
Tgt Ion:114 Resp: 183617

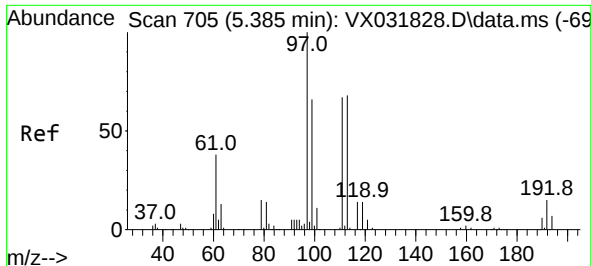
Ion Ratio Lower Upper

114 100

63 15.1 0.0 42.6

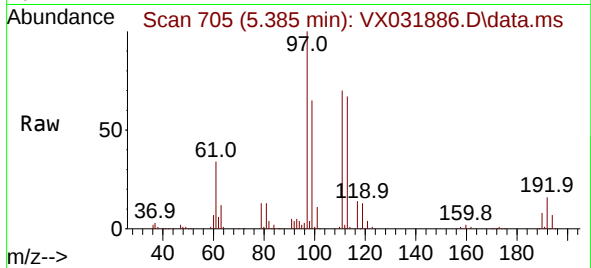
88 14.6 0.0 33.0





#35
Dibromofluoromethane
Concen: 45.145 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

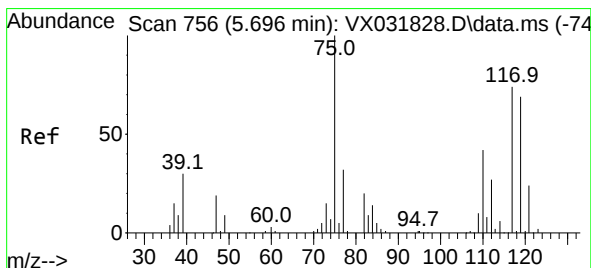
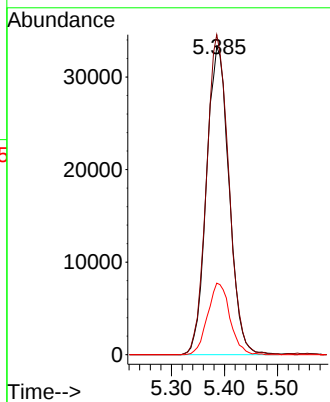
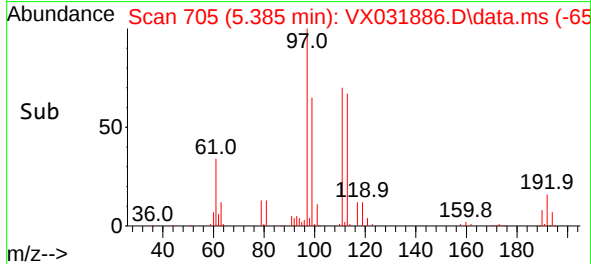
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 98486
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 22.9 14.1 21.1

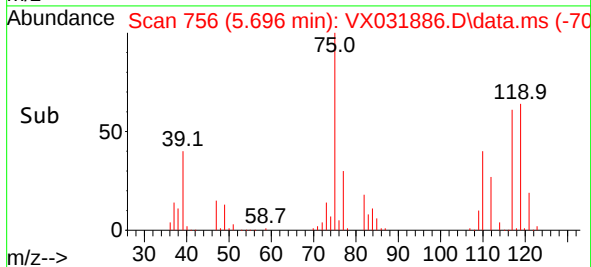
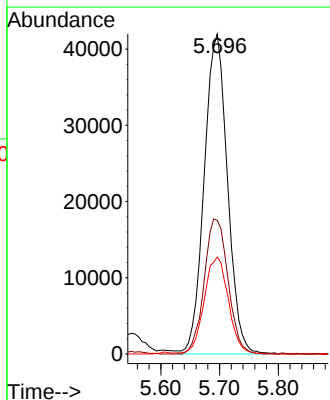
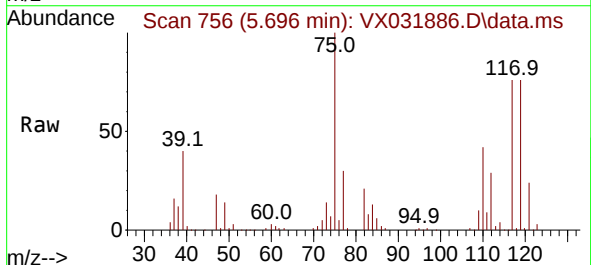
Manual Integrations
APPROVED

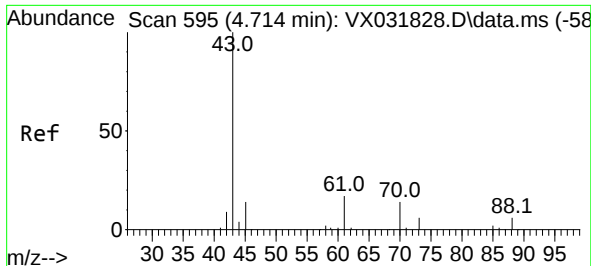
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#36
1,1-Dichloropropene
Concen: 42.772 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 75 Resp: 115700
Ion Ratio Lower Upper
75 100
110 43.1 17.5 52.5
77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 44.480 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 91078

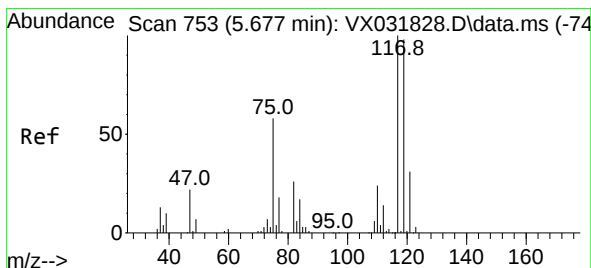
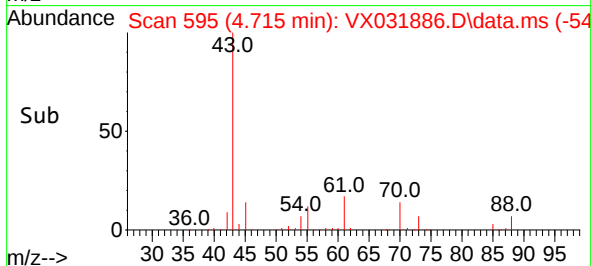
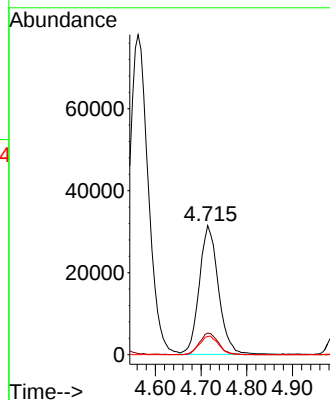
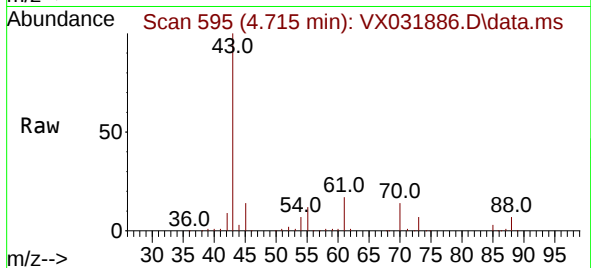
Ion	Ratio	Lower	Upper
43	100		
61	16.8	11.1	16.7
70	14.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 42.526 ug/l

RT: 5.678 min Scan# 753

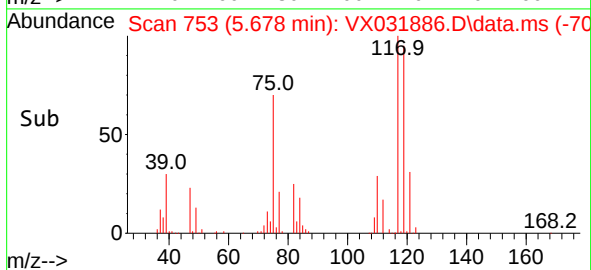
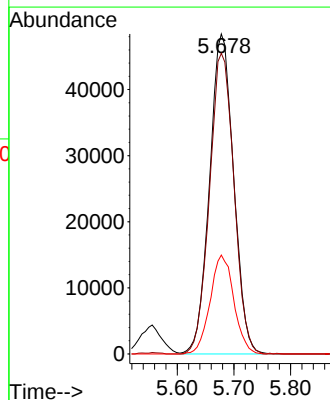
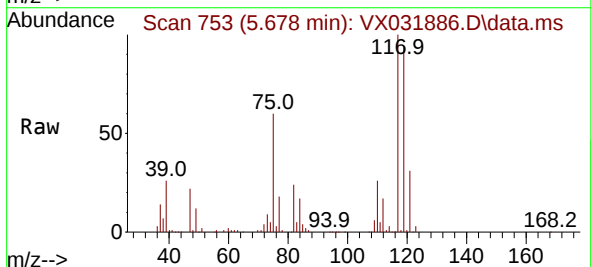
Delta R.T. -0.000 min

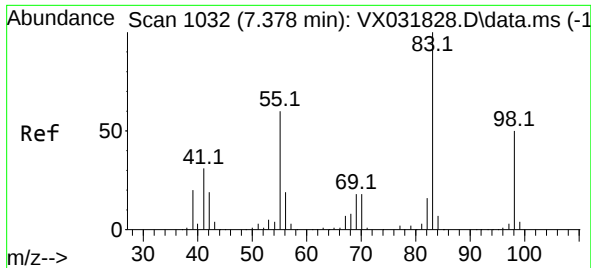
Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Tgt Ion:117 Resp: 142806

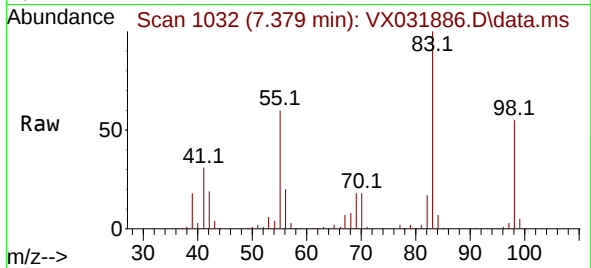
Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	112.0
121	30.9	25.3	37.9





#39
Methylcyclohexane
Concen: 44.788 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

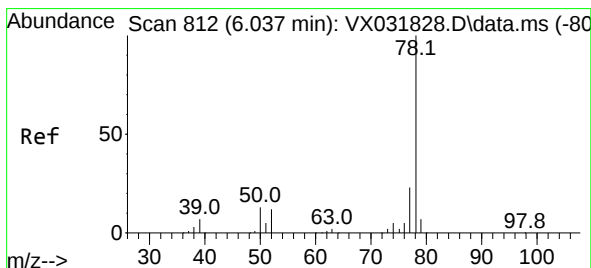
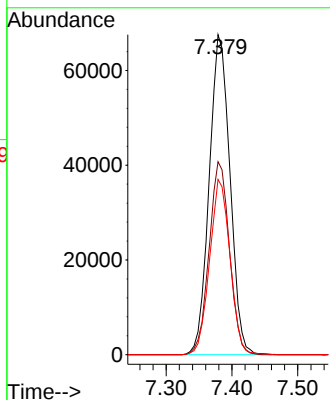
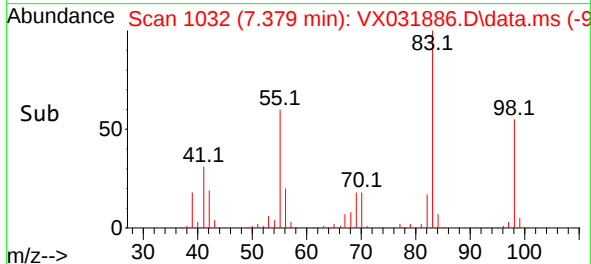
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 148629
Ion Ratio Lower Upper
83 100
55 60.3 61.0 91.4
98 54.8 37.7 56.5

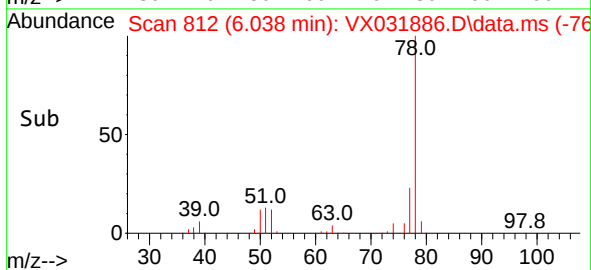
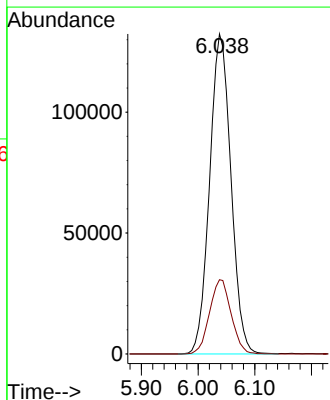
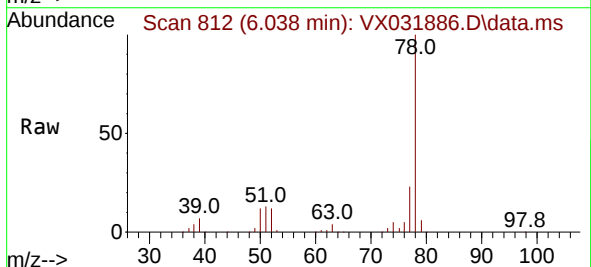
Manual Integrations
APPROVED

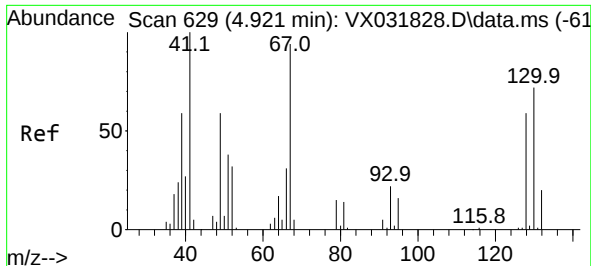
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#40
Benzene
Concen: 44.256 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

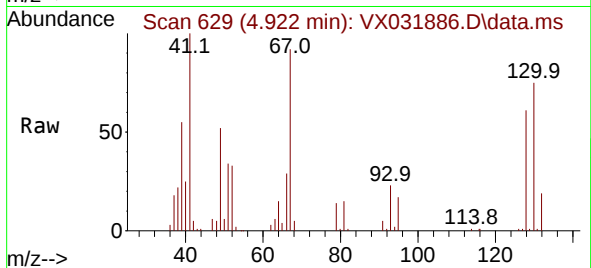
Tgt Ion: 78 Resp: 345835
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 42.626 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

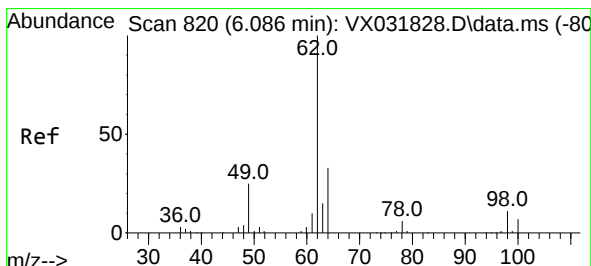
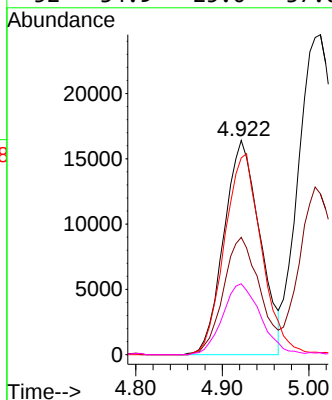
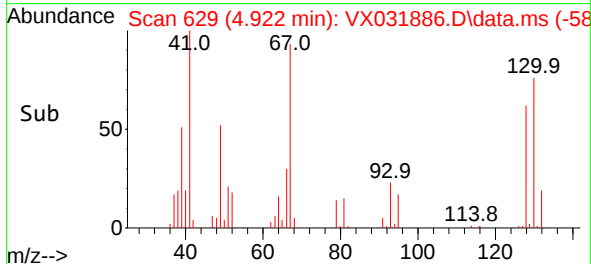
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 47429
Ion Ratio Lower Upper
41 100
39 55.4 45.0 67.6
67 97.1 58.2 87.4
52 34.9 25.0 37.6

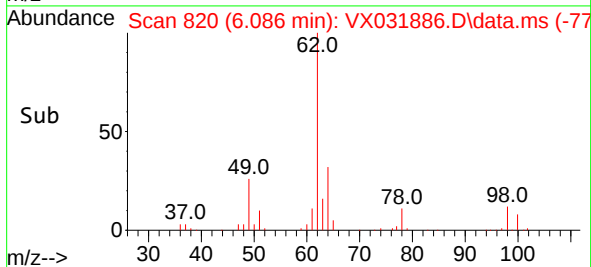
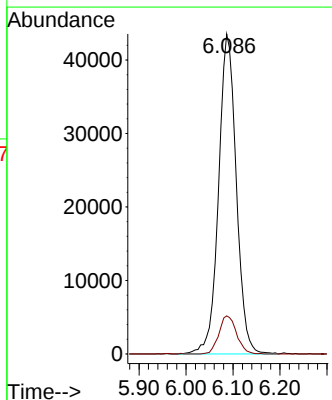
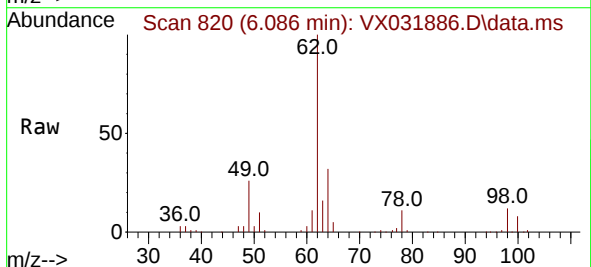
Manual Integrations
APPROVED

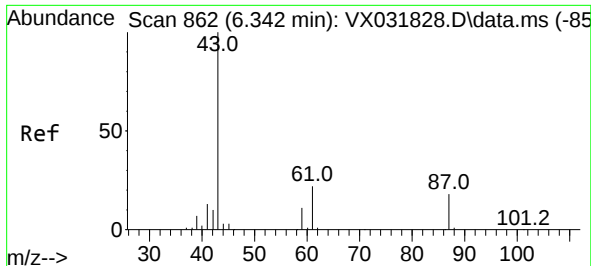
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 41.808 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

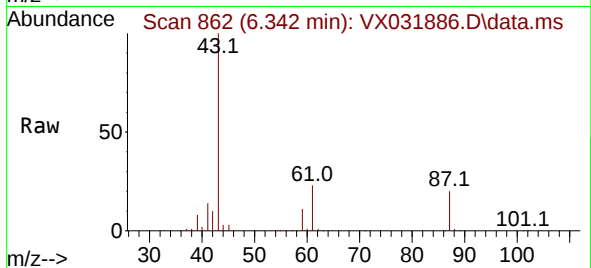
Tgt Ion: 62 Resp: 114455
Ion Ratio Lower Upper
62 100
98 11.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 43.430 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

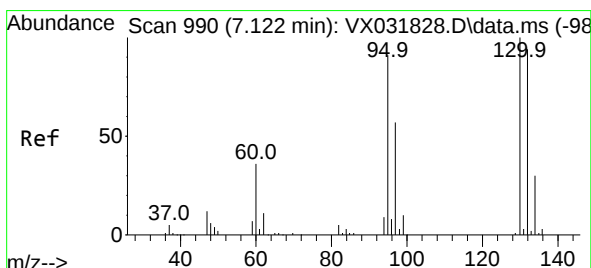
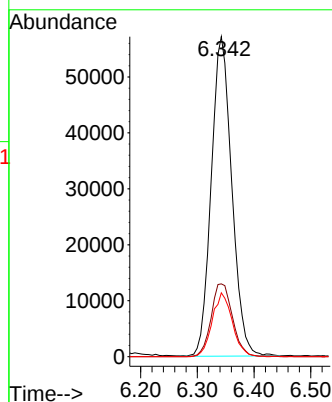
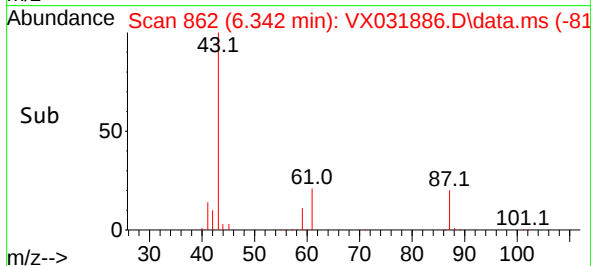
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 14378
Ion Ratio Lower Upper
43 100
61 23.7 15.3 22.9
87 19.6 10.6 15.8

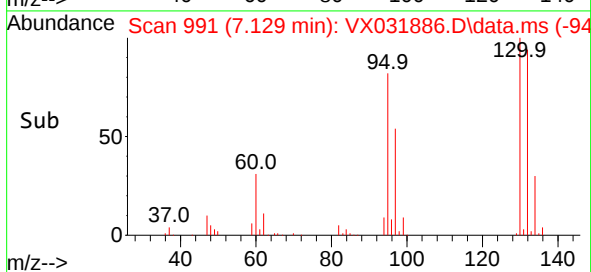
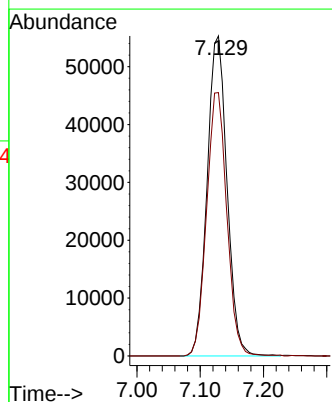
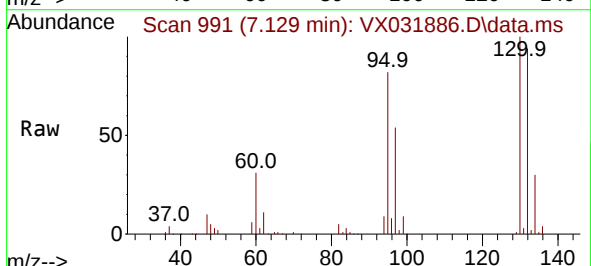
Manual Integrations
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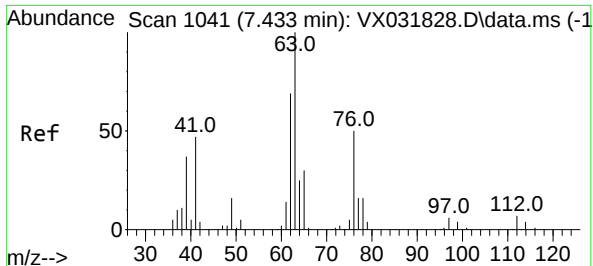
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 47.917 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion:130 Resp: 120972
Ion Ratio Lower Upper
130 100
95 82.3 0.0 206.8





#45

1,2-Dichloropropane

Concen: 43.005 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 78730

Ion Ratio Lower Upper

63 100

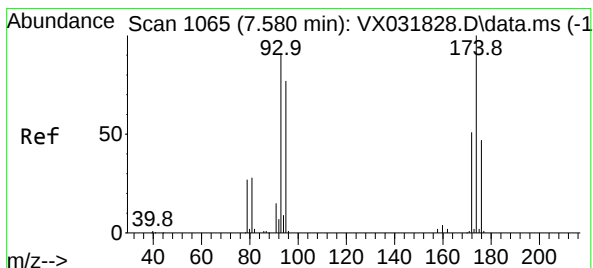
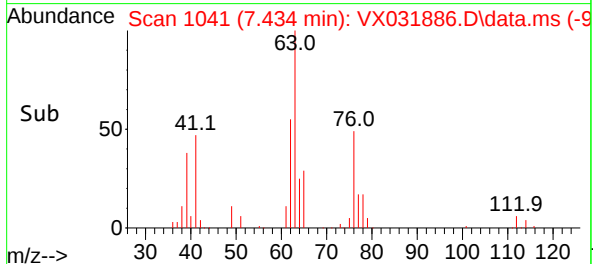
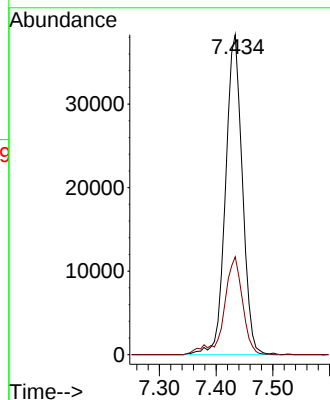
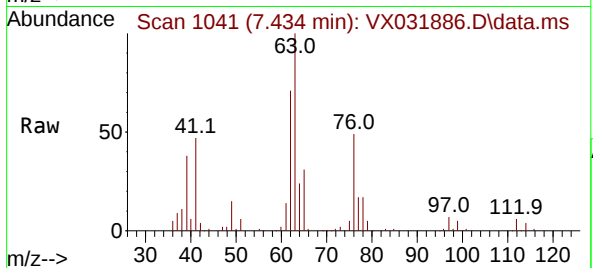
65 30.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 45.548 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

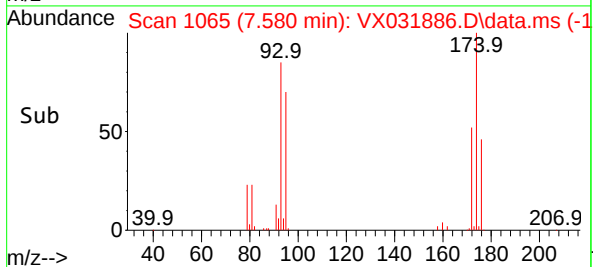
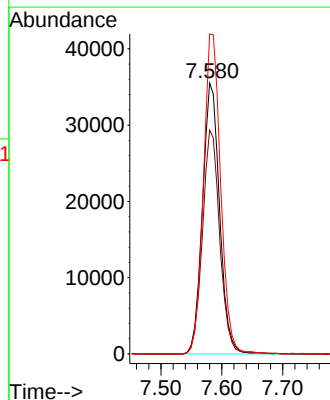
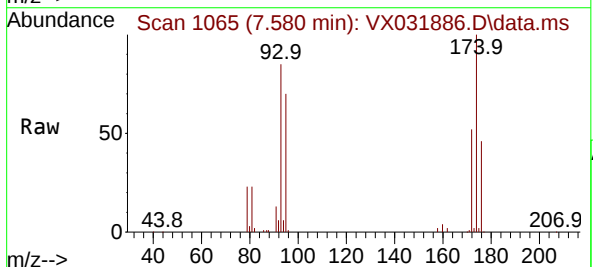
Tgt Ion: 93 Resp: 69503

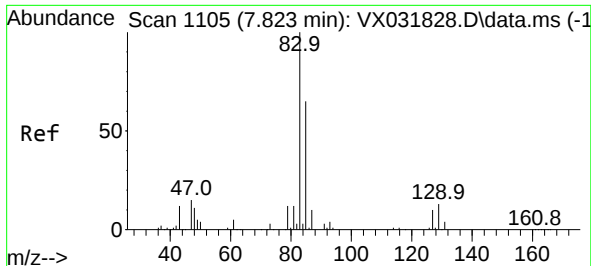
Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

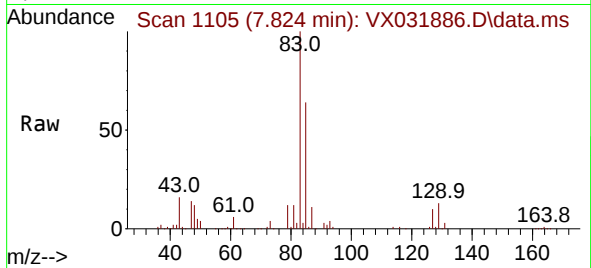
174 119.0 67.6 101.4#





#47
Bromodichloromethane
Concen: 40.693 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

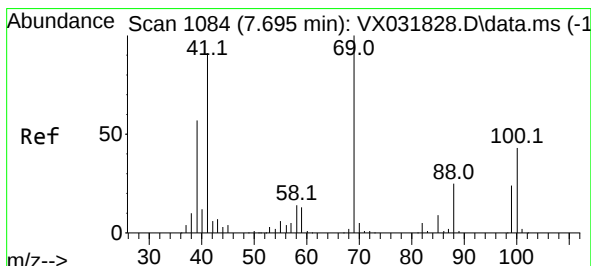
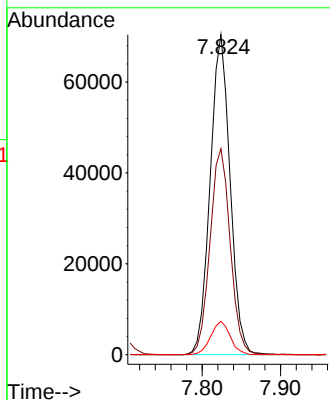
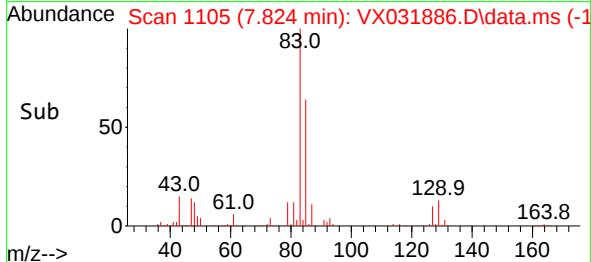
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 124275
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 10.4 7.0 10.6

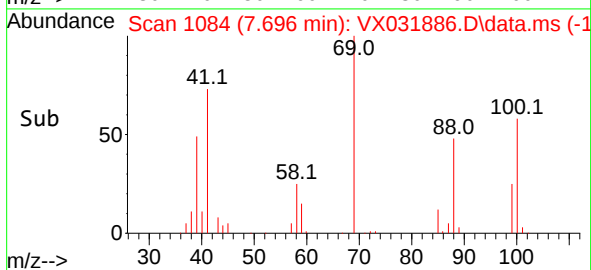
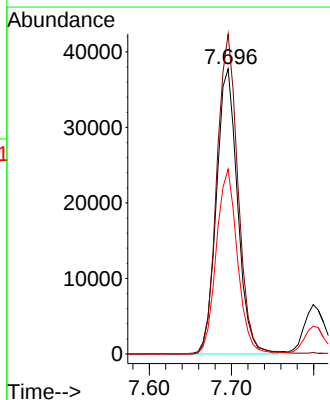
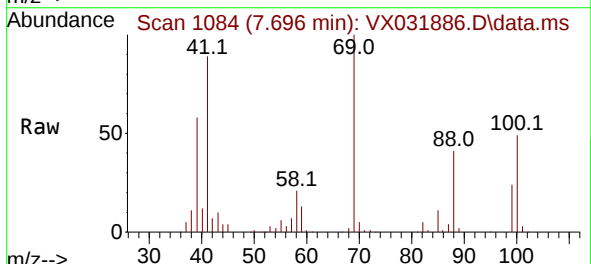
Manual Integrations
APPROVED

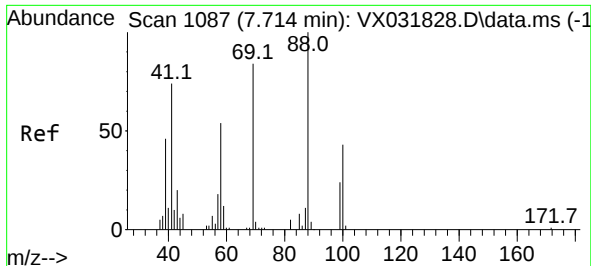
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 45.736 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 41 Resp: 67759
Ion Ratio Lower Upper
41 100
69 111.4 64.6 96.8#
39 64.6 51.4 77.0





#49

1,4-Dioxane

Concen: 939.999 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.018 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

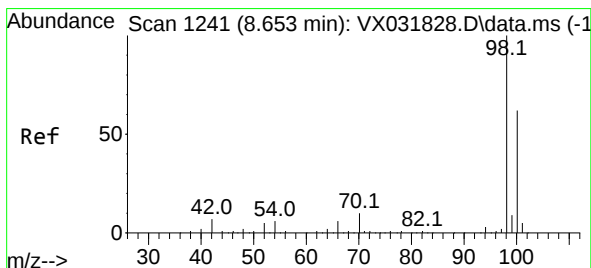
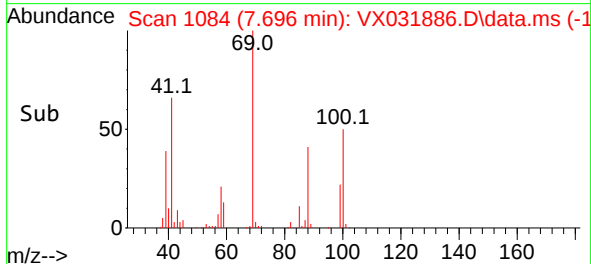
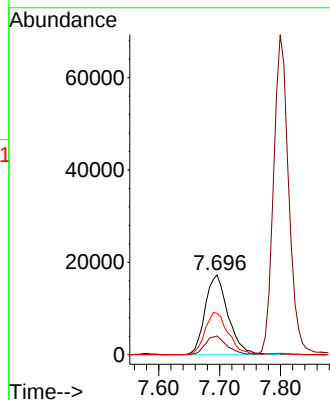
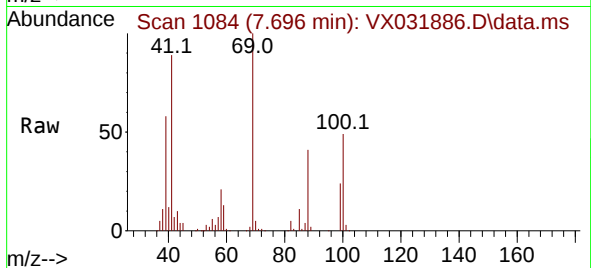
Tgt Ion: 88 Resp: 45138
 Ion Ratio Lower Upper
 88 100
 43 22.1 27.1 40.7
 58 53.2 53.9 80.9

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 45.449 ug/l

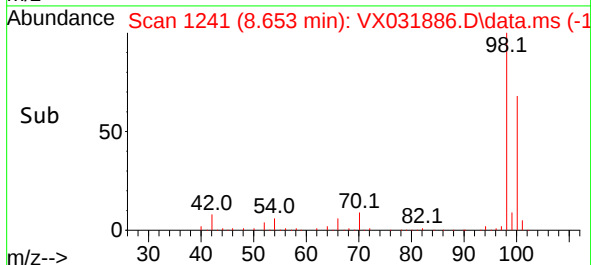
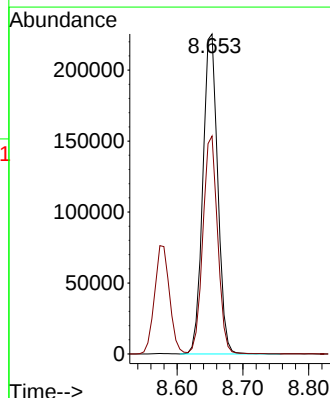
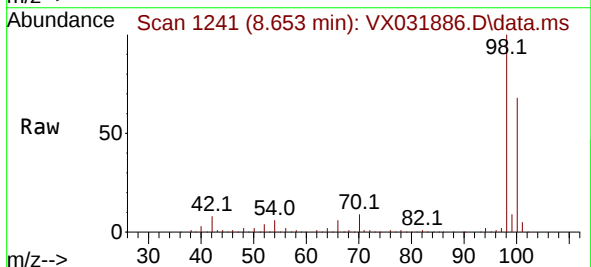
RT: 8.653 min Scan# 1241

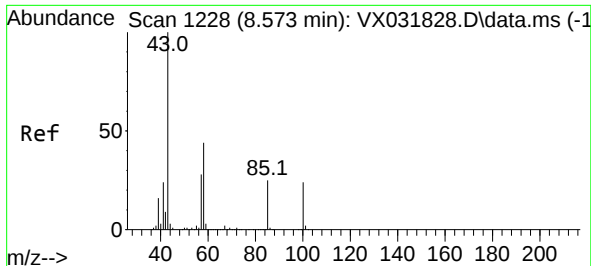
Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

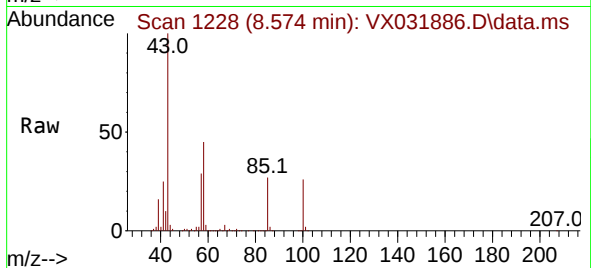
Tgt Ion: 98 Resp: 354691
 Ion Ratio Lower Upper
 98 100
 100 67.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 223.114 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

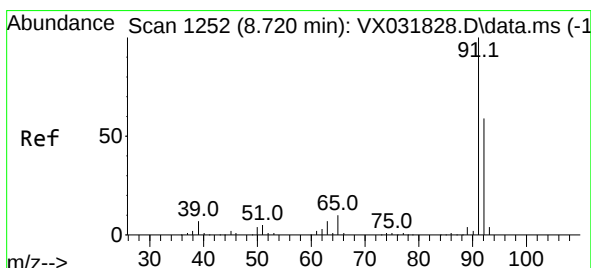
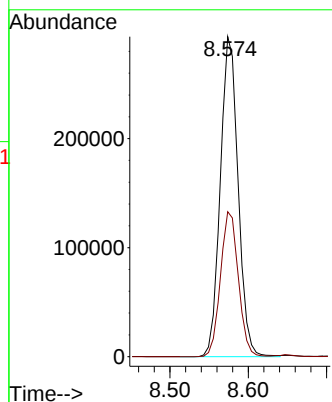
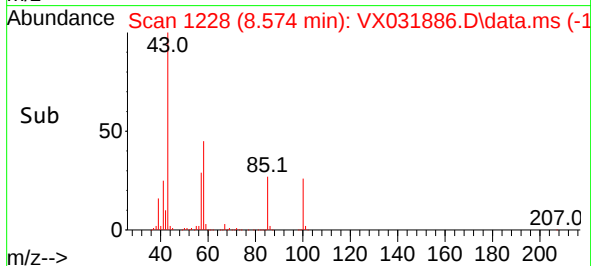
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 463670
Ion Ratio Lower Upper
43 100
58 45.6 30.6 46.0

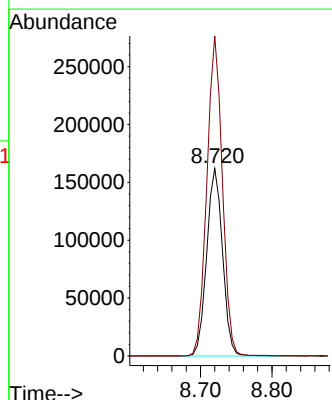
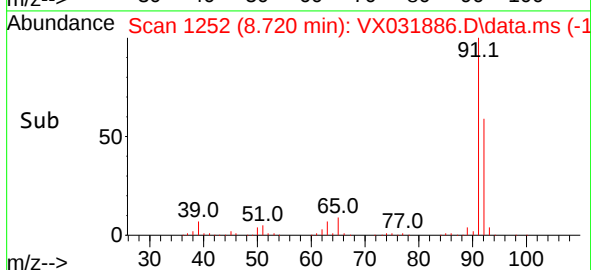
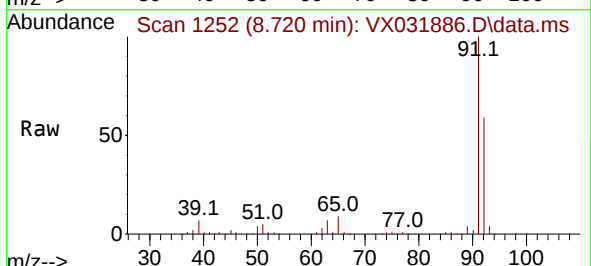
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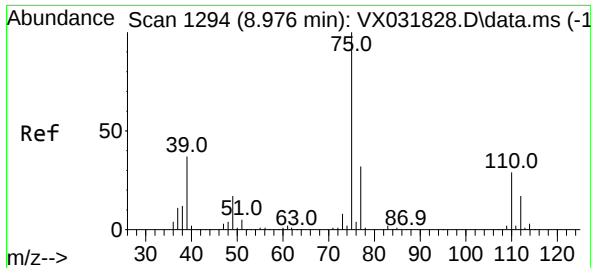
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 45.362 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 92 Resp: 248512
Ion Ratio Lower Upper
92 100
91 167.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 41.917 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 122060

Ion Ratio Lower Upper

75 100

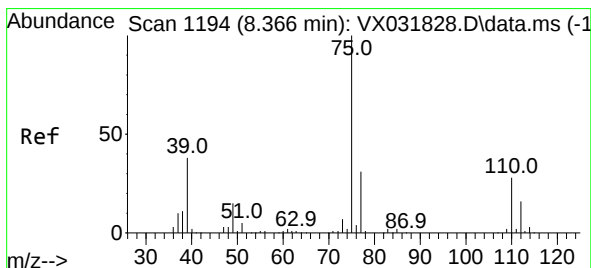
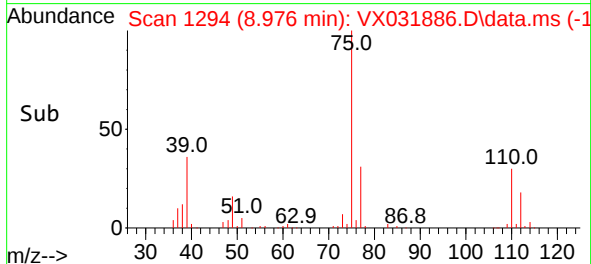
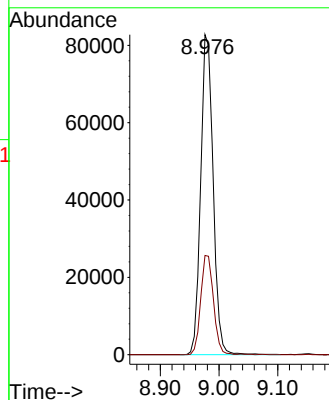
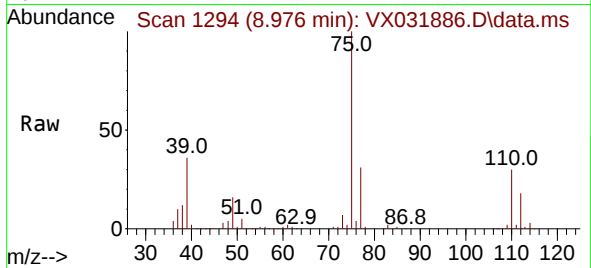
77 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 42.950 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

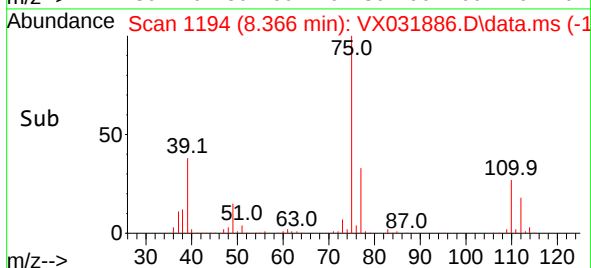
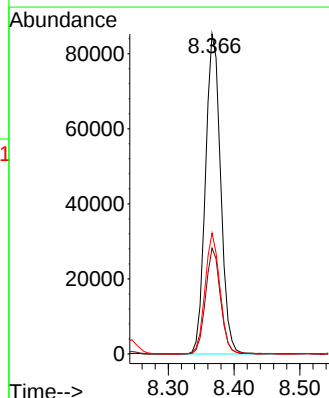
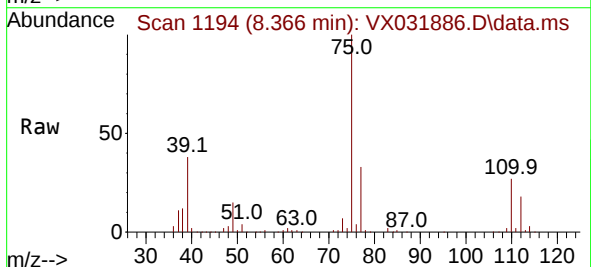
Tgt Ion: 75 Resp: 137056

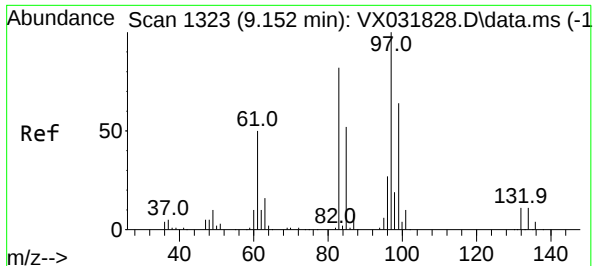
Ion Ratio Lower Upper

75 100

77 33.0 24.4 36.6

39 37.8 43.7 65.5#





#55

1,1,2-Trichloroethane

Concen: 46.965 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 10255

Ion Ratio Lower Upper

97 100

83 80.1 69.0 103.6

85 51.7 44.1 66.1

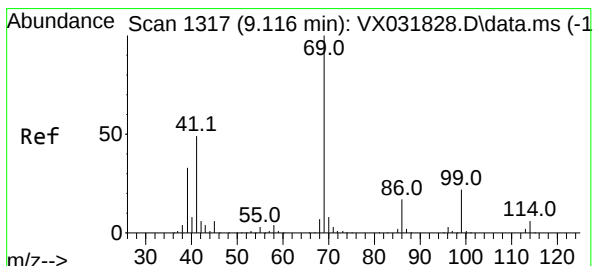
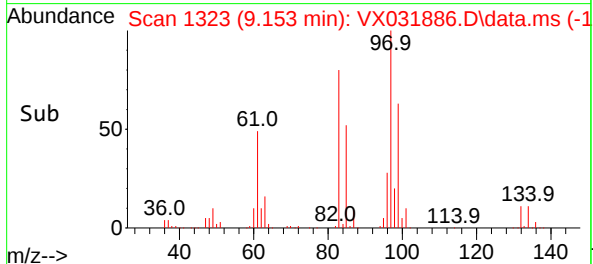
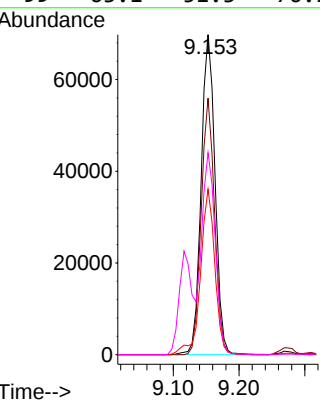
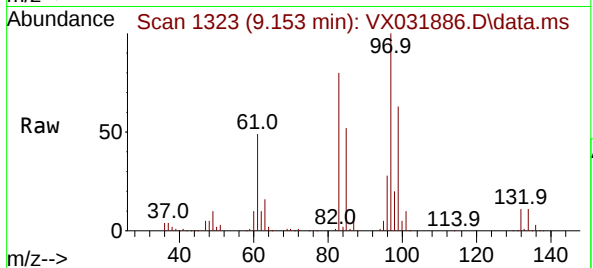
99 63.1 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#56

Ethyl methacrylate

Concen: 50.398 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

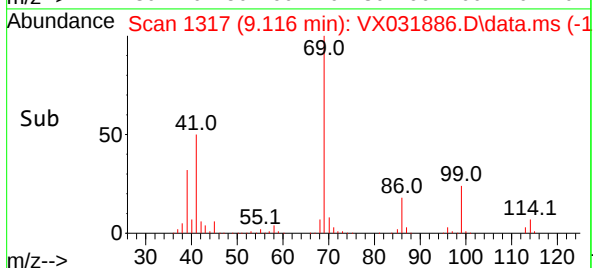
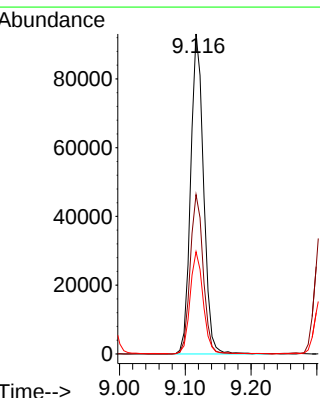
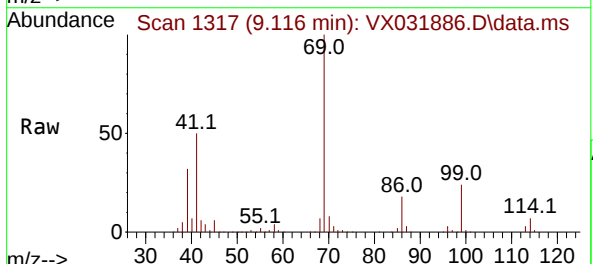
Tgt Ion: 69 Resp: 127245

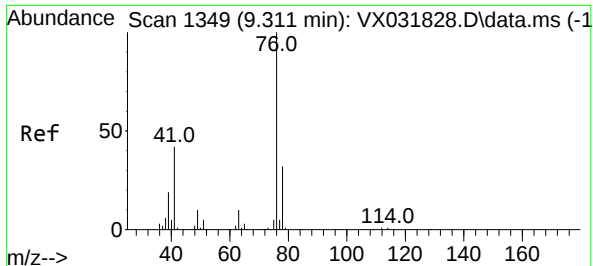
Ion Ratio Lower Upper

69 100

41 50.0 54.2 81.4#

39 32.6 34.2 51.2#





#57

1,3-Dichloropropane

Concen: 45.222 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 15335

Ion Ratio Lower Upper

76 100

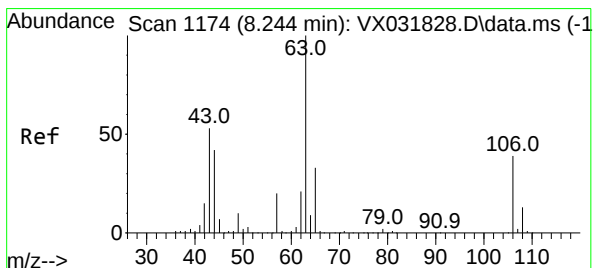
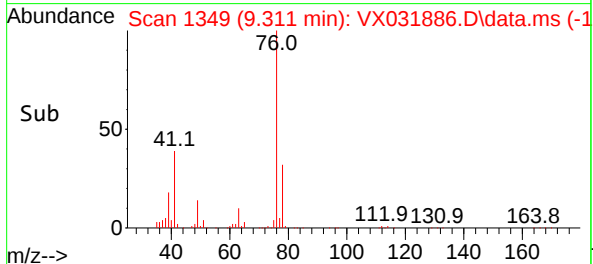
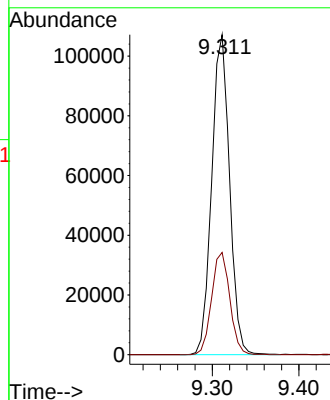
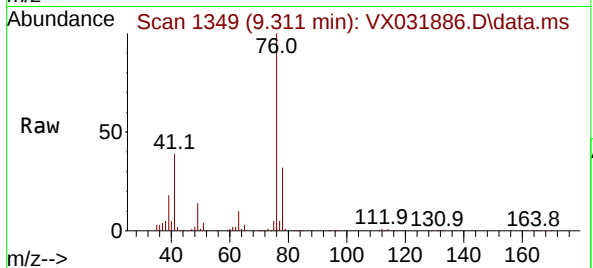
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 235.475 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031886.D

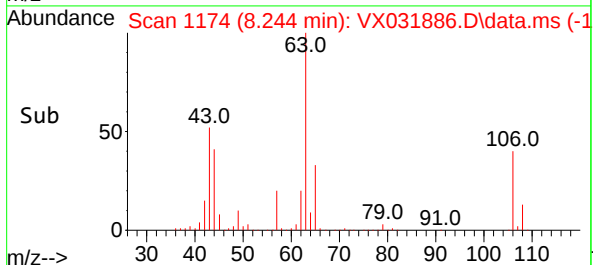
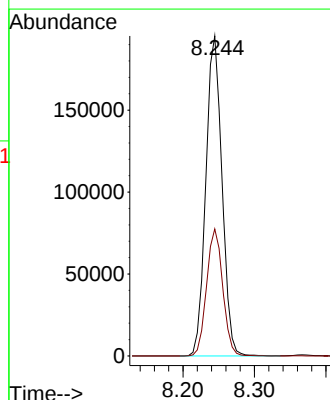
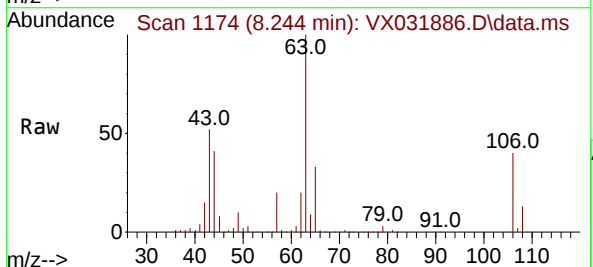
Acq: 05 Oct 2022 11:21

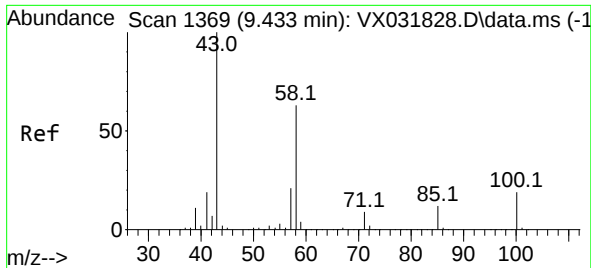
Tgt Ion: 63 Resp: 306365

Ion Ratio Lower Upper

63 100

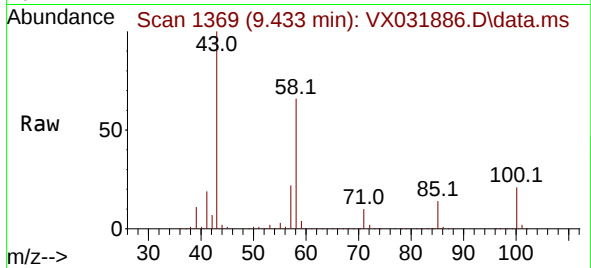
106 39.7 22.6 34.0#





#59
2-Hexanone
Concen: 227.180 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

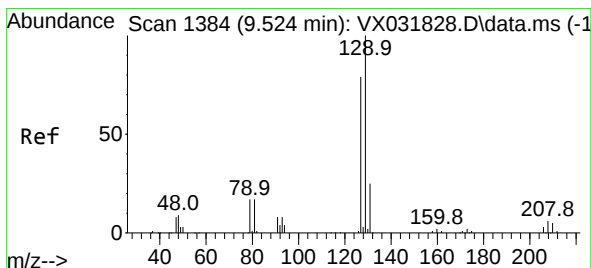
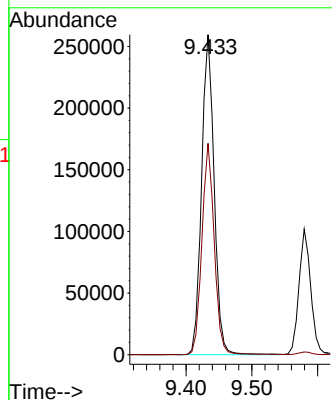
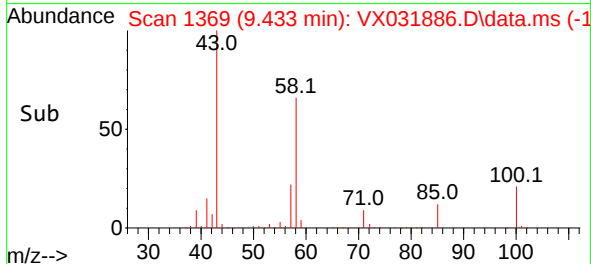
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



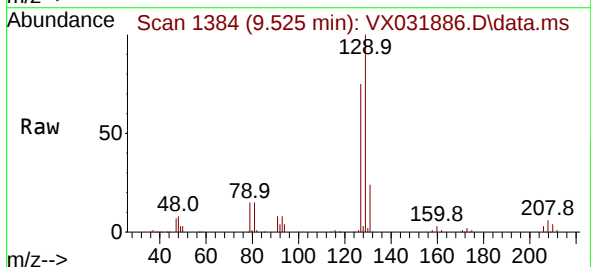
Tgt Ion: 43 Resp: 343229
Ion Ratio Lower Upper
43 100
58 65.0 26.7 80.0

Manual Integrations
APPROVED

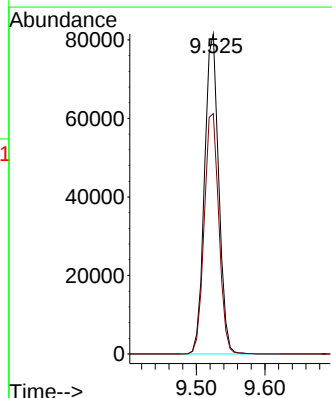
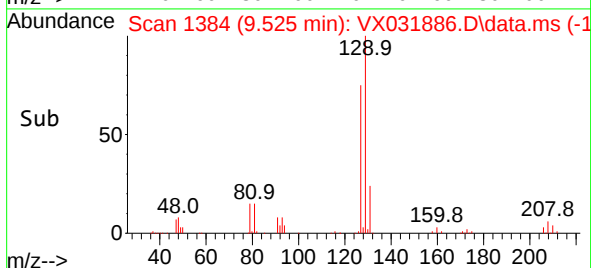
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

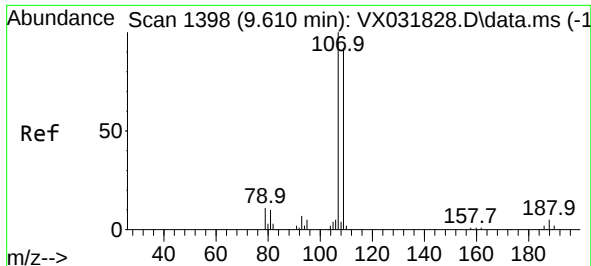


#60
Dibromochloromethane
Concen: 44.331 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21



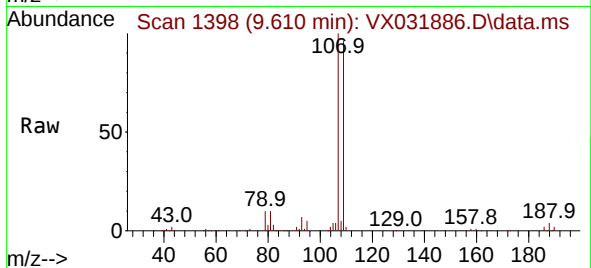
Tgt Ion:129 Resp: 117514
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 46.663 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

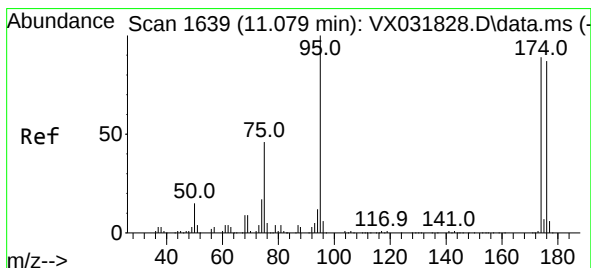
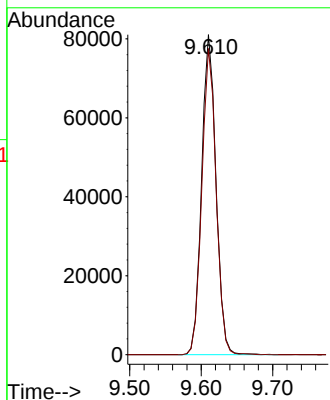
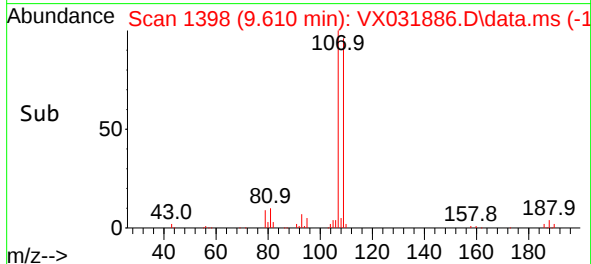
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



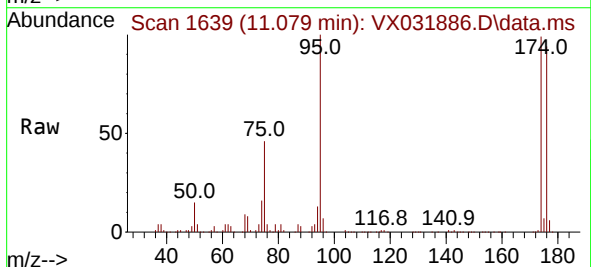
Tgt Ion:107 Resp: 113140
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4

Manual Integrations
APPROVED

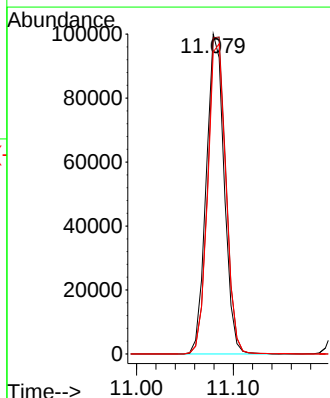
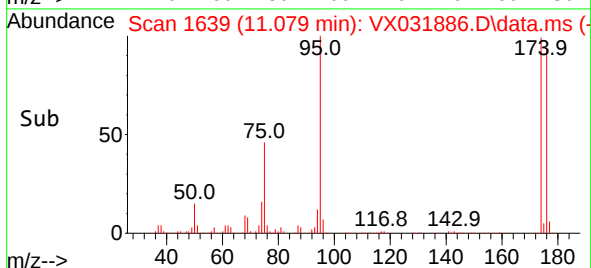
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

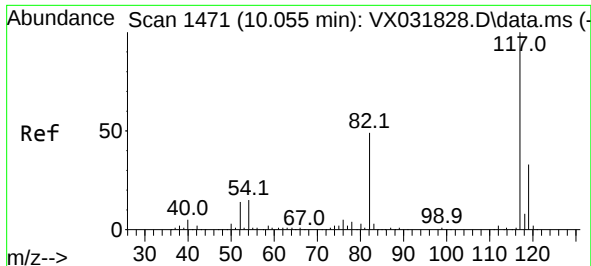


#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21



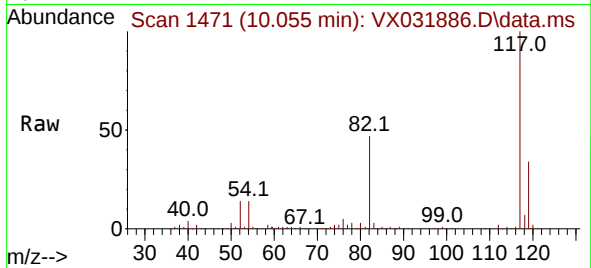
Tgt Ion: 95 Resp: 128850
Ion Ratio Lower Upper
95 100
174 101.4 0.0 153.2
176 98.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

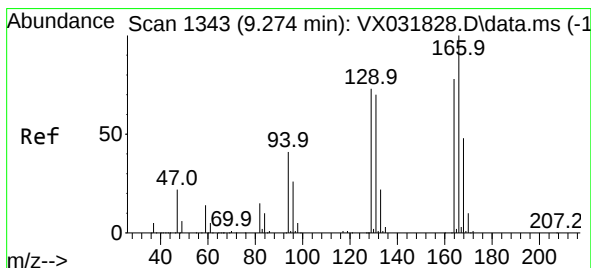
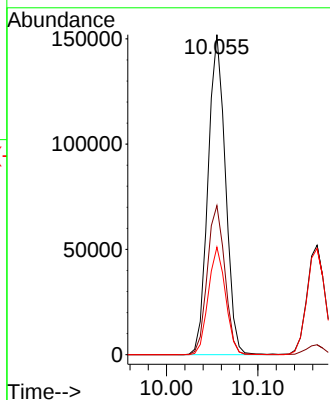
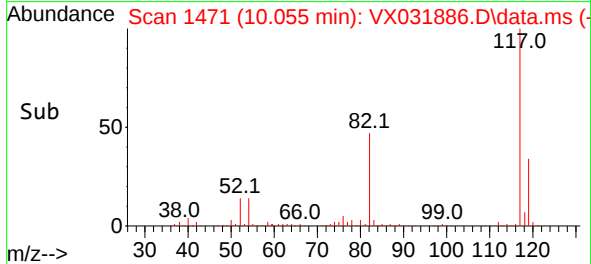
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 200793
Ion Ratio Lower Upper
117 100
82 46.6 46.8 70.2
119 33.6 26.4 39.6

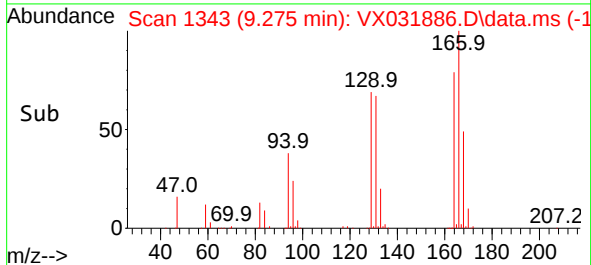
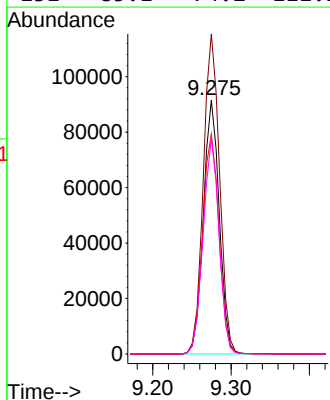
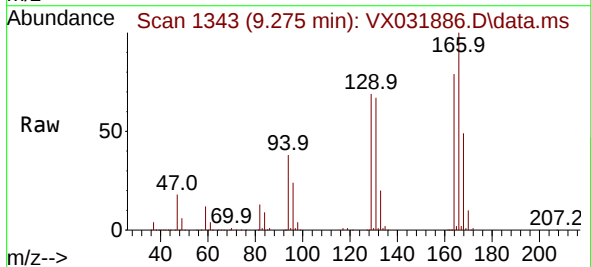
Manual Integrations
APPROVED

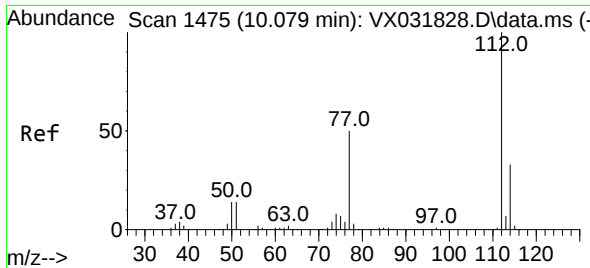
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 51.294 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion:164 Resp: 128762
Ion Ratio Lower Upper
164 100
166 126.1 99.0 148.4
129 86.6 78.0 117.0
131 85.1 74.2 111.2





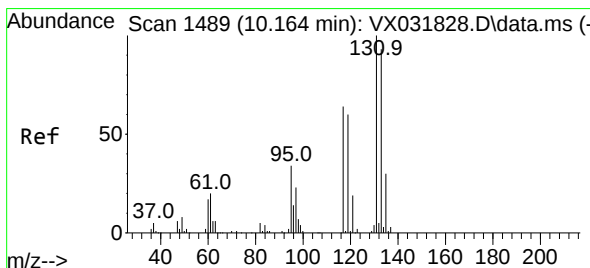
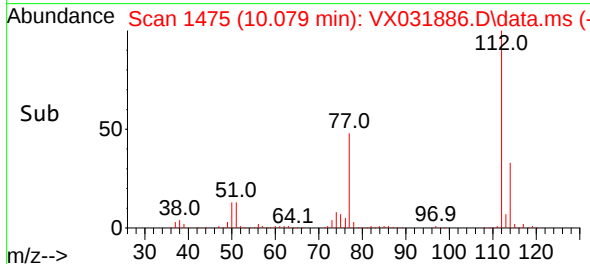
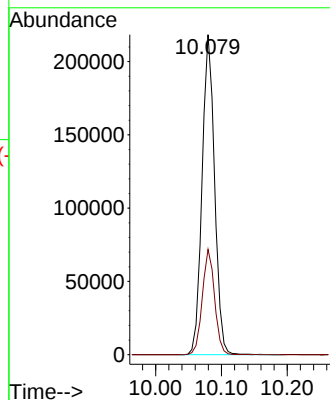
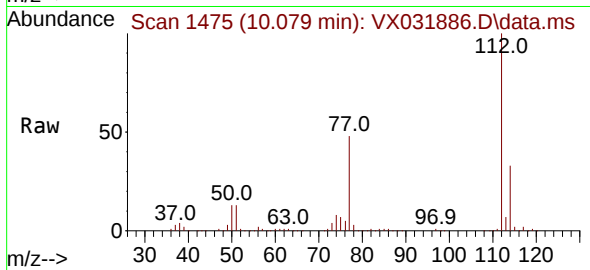
#65
Chlorobenzene
Concen: 47.435 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 288804
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

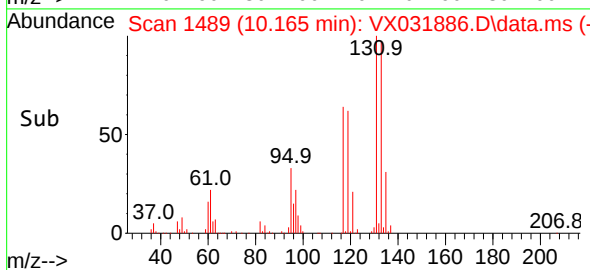
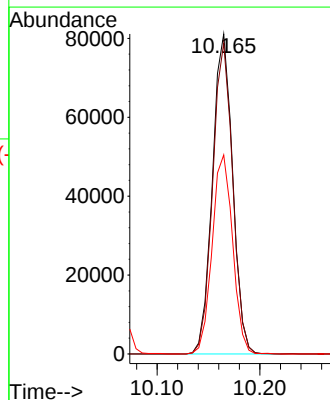
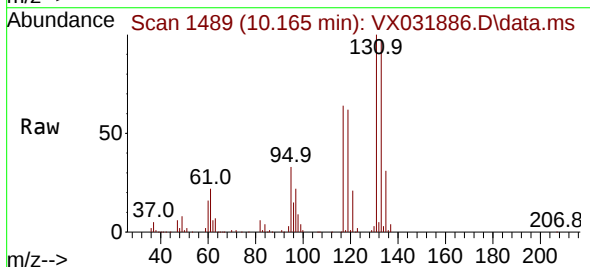
Manual Integrations
APPROVED

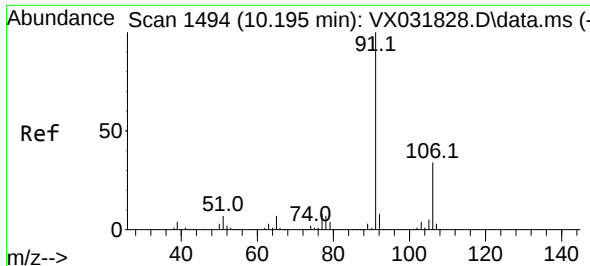
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.202 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion:131 Resp: 110616
Ion Ratio Lower Upper
131 100
133 96.3 46.6 139.7
119 63.1 31.9 95.9





#67

Ethyl Benzene

Concen: 46.404 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 46505

Ion Ratio Lower Upper

91 100

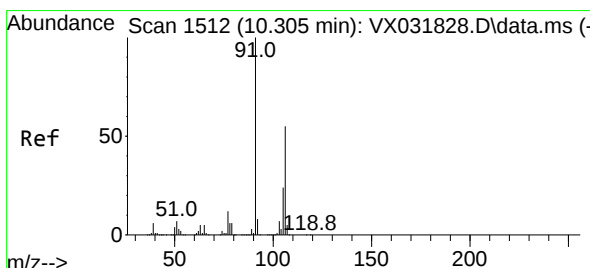
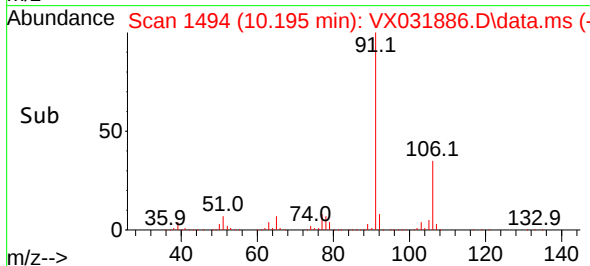
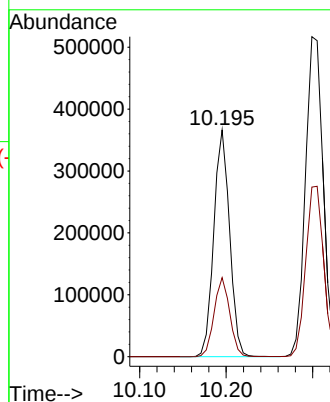
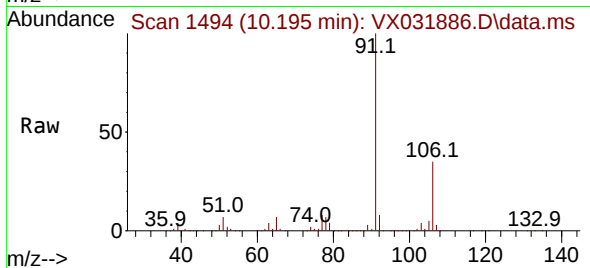
106 34.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#68

m/p-Xylenes

Concen: 95.349 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031886.D

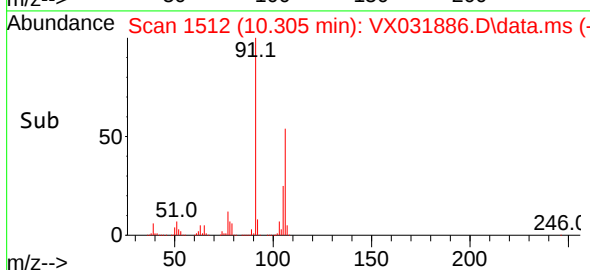
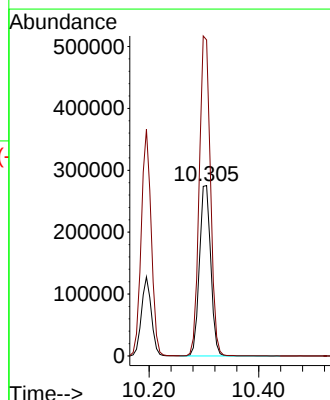
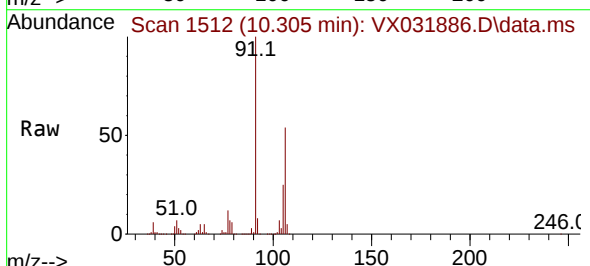
Acq: 05 Oct 2022 11:21

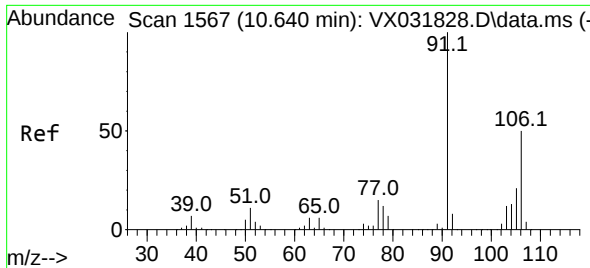
Tgt Ion:106 Resp: 394505

Ion Ratio Lower Upper

106 100

91 186.0 161.0 241.4





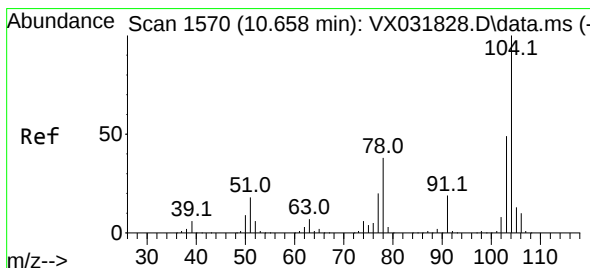
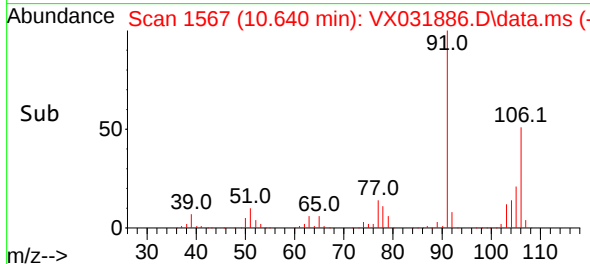
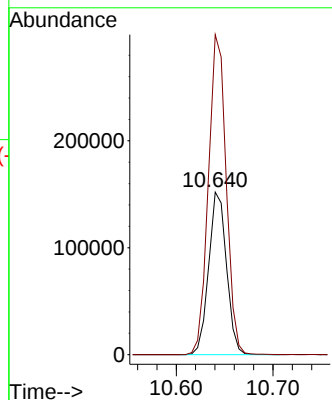
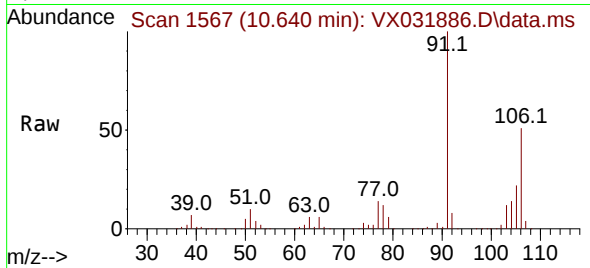
#69
o-Xylene
Concen: 48.946 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 19510
Ion Ratio Lower Upper
106 100
91 196.9 107.2 321.6

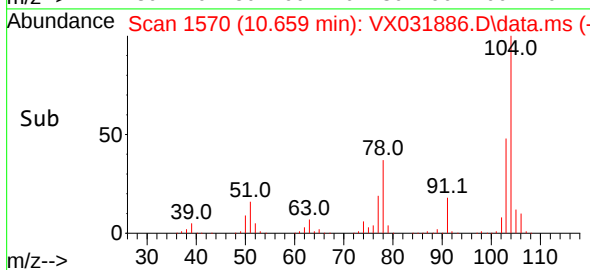
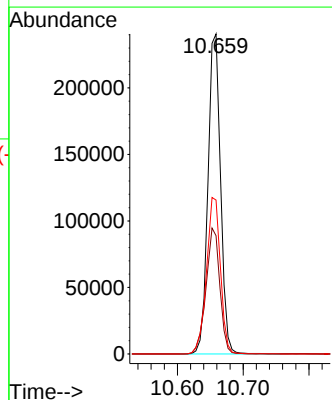
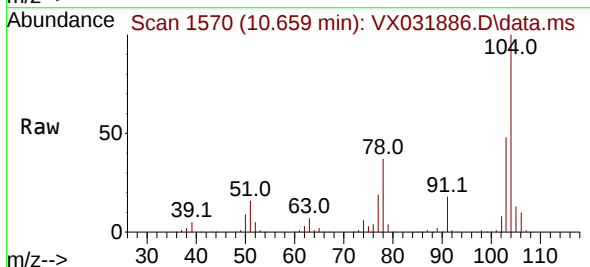
Manual Integrations
APPROVED

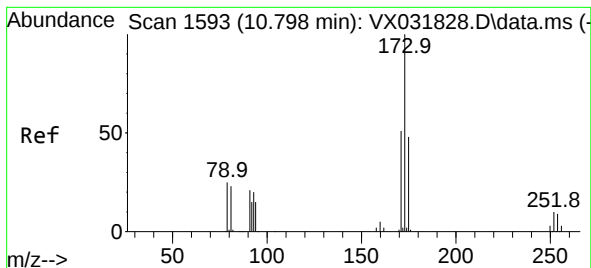
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 49.505 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

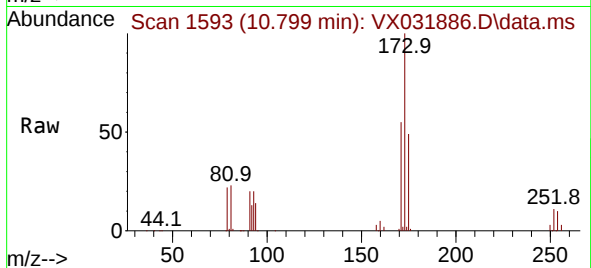
Tgt Ion:104 Resp: 320737
Ion Ratio Lower Upper
104 100
78 43.2 41.4 62.2
103 54.0 43.8 65.8





#71
Bromoform
Concen: 44.776 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

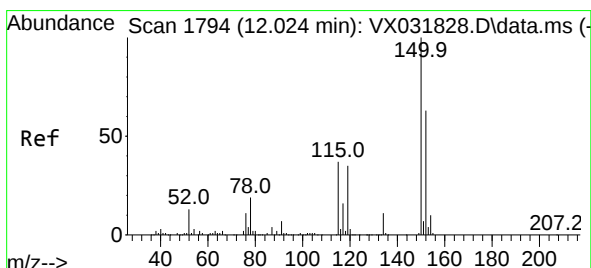
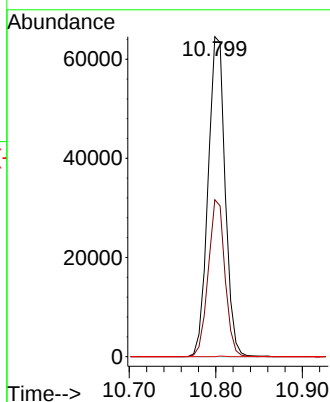
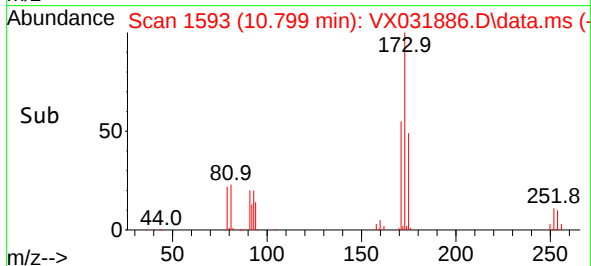
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



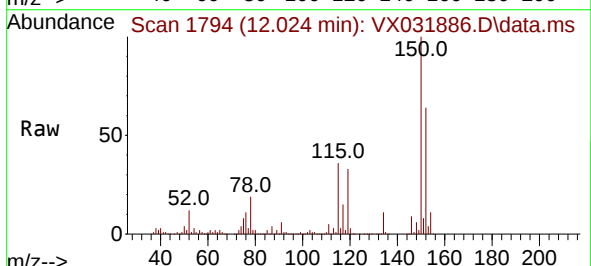
Tgt Ion:173 Resp: 8824
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

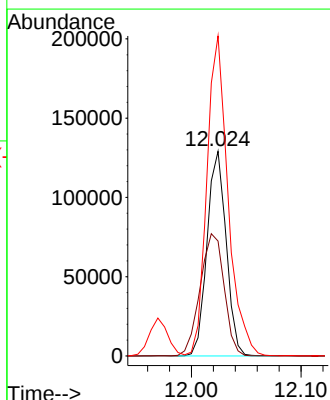
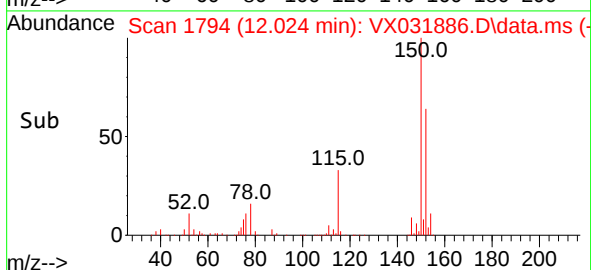
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

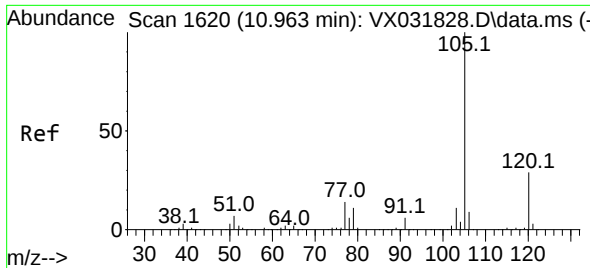


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21



Tgt Ion:152 Resp: 156347
Ion Ratio Lower Upper
152 100
115 75.3 43.4 130.1
150 172.9 0.0 346.8





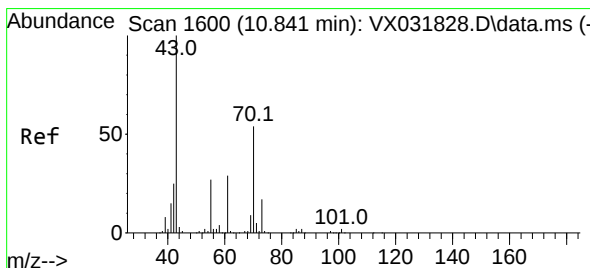
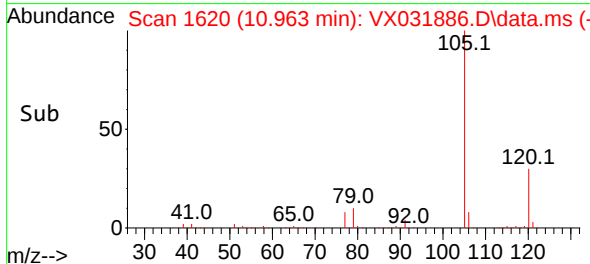
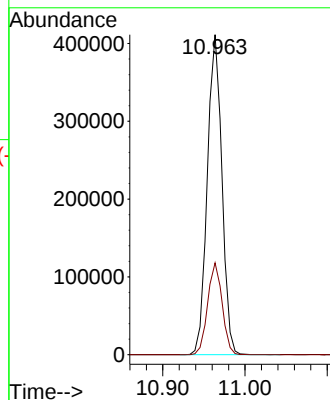
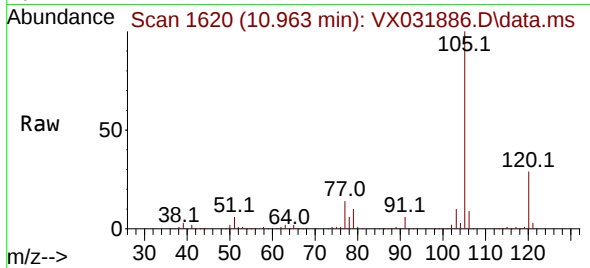
#73
Isopropylbenzene
Concen: 45.905 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 50696
Ion Ratio Lower Upper
105 100
120 28.5 13.7 41.0

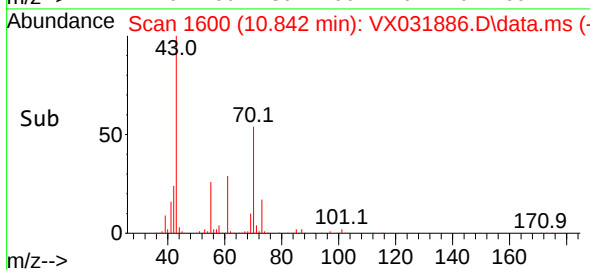
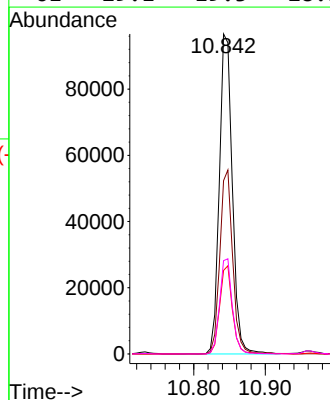
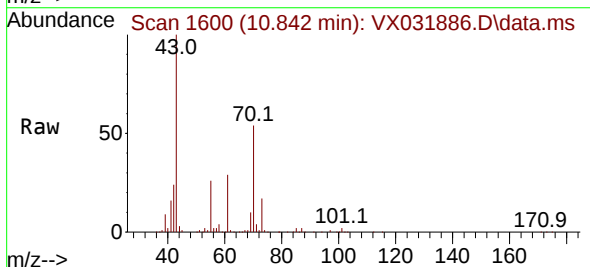
Manual Integrations
APPROVED

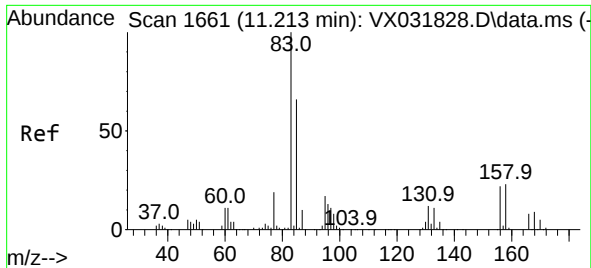
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 47.229 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 43 Resp: 122159
Ion Ratio Lower Upper
43 100
70 56.7 33.4 50.2#
55 27.1 18.2 27.2
61 29.1 19.3 28.9#





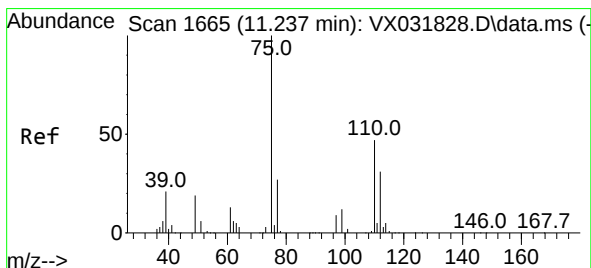
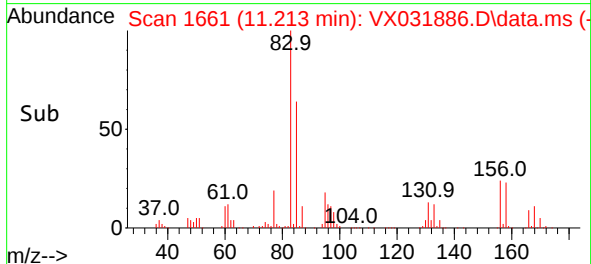
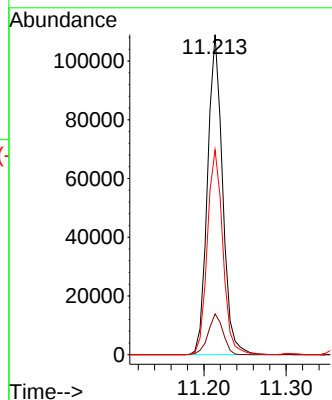
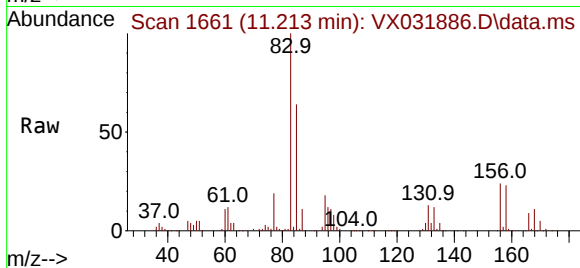
#75
1,1,2,2-Tetrachloroethane
Concen: 44.040 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 138438
Ion Ratio Lower Upper
83 100
131 12.6 5.1 15.4
85 65.8 32.6 97.8

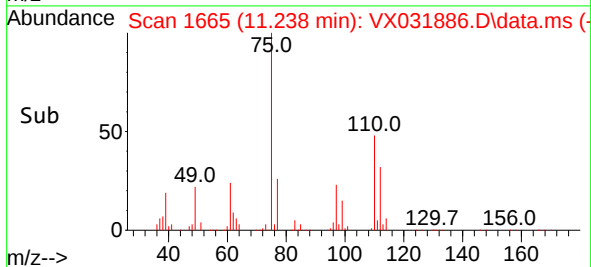
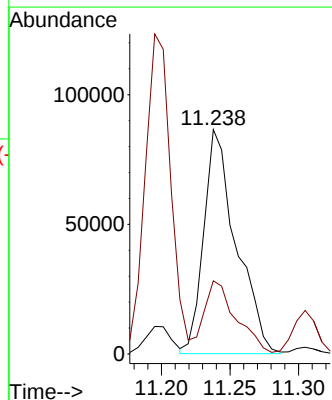
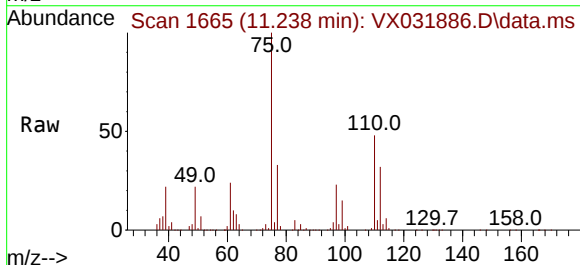
Manual Integrations
APPROVED

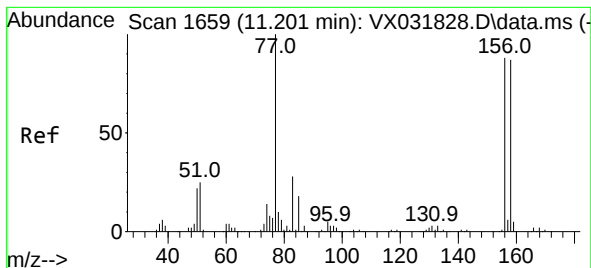
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 50.186 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 75 Resp: 142758
Ion Ratio Lower Upper
75 100
77 32.5 20.3 60.9





#77

Bromobenzene

Concen: 48.674 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

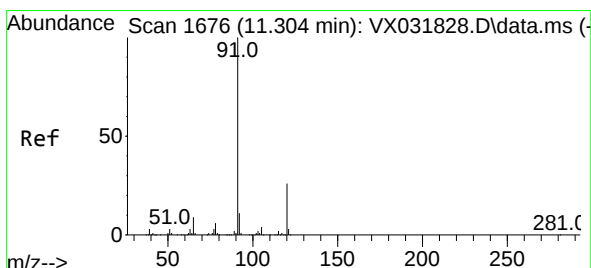
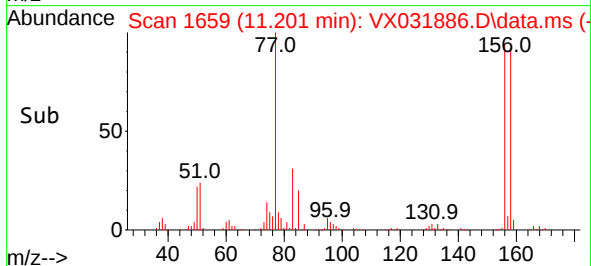
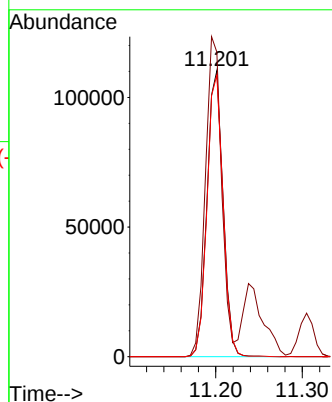
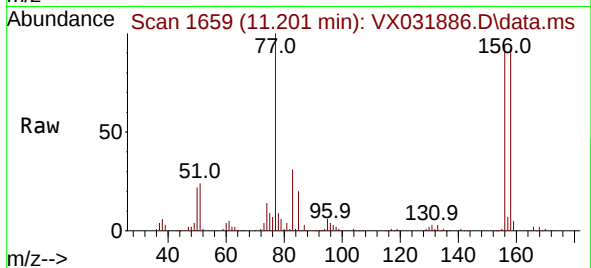
Tgt Ion:	156	Resp:	141770
Ion Ratio	Lower	Upper	
156	100		
77	113.4	79.5	238.6
158	98.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 45.149 ug/l

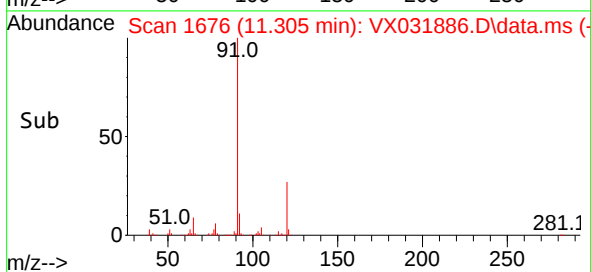
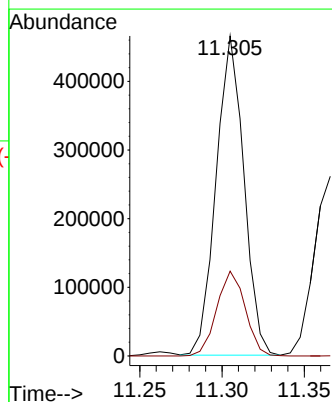
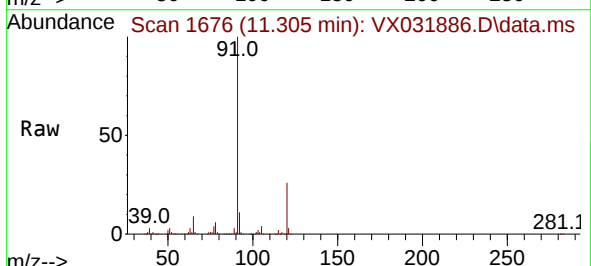
RT: 11.305 min Scan# 1676

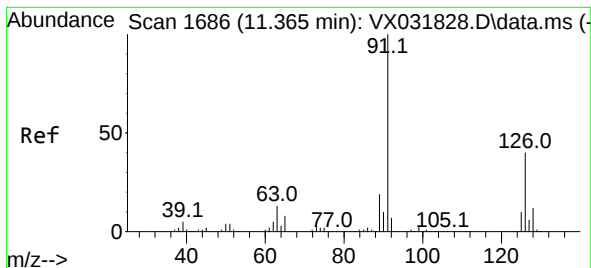
Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Tgt Ion:	91	Resp:	544980
Ion Ratio	Lower	Upper	
91	100		
120	27.2	11.8	35.4





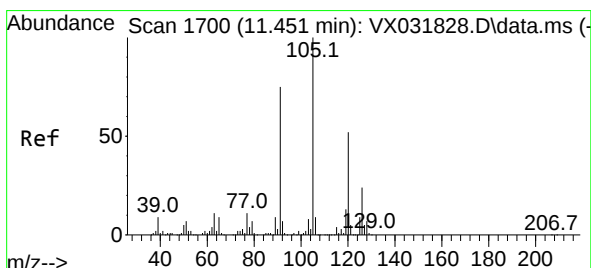
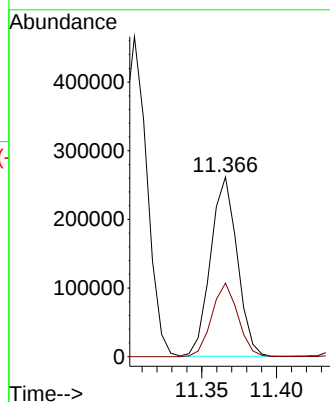
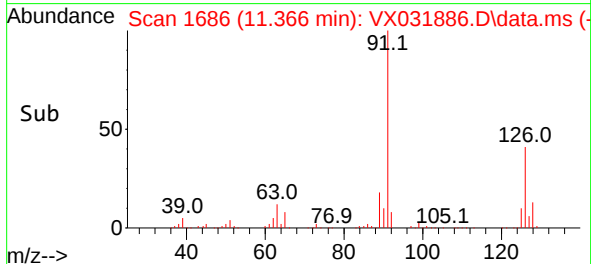
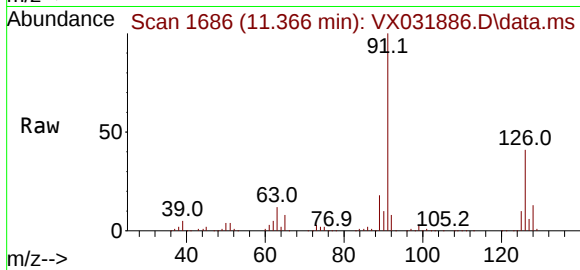
#79
2-Chlorotoluene
Concen: 44.392 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 323762
Ion Ratio Lower Upper
91 100
126 40.2 17.4 52.3

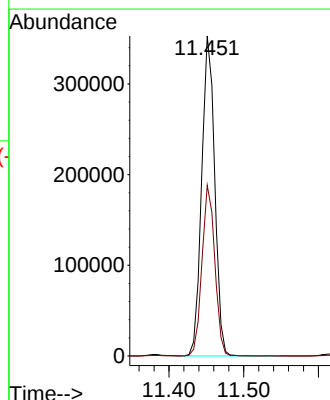
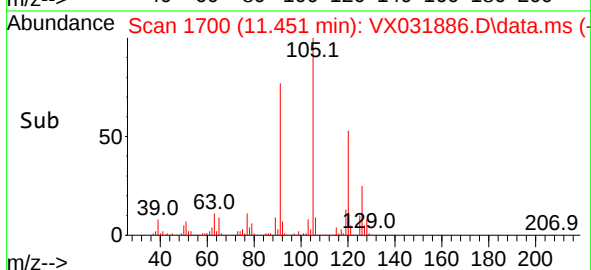
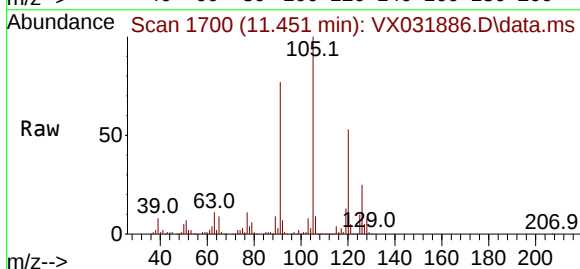
Manual Integrations
APPROVED

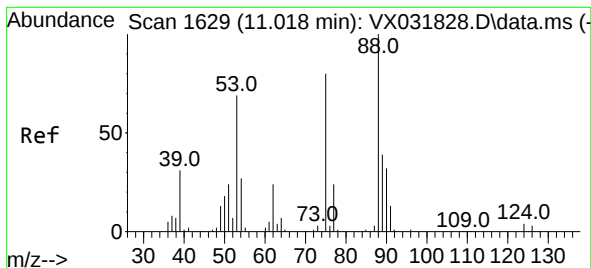
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.190 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion:105 Resp: 425962
Ion Ratio Lower Upper
105 100
120 52.7 24.5 73.5





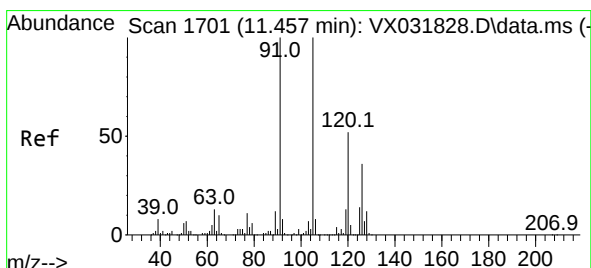
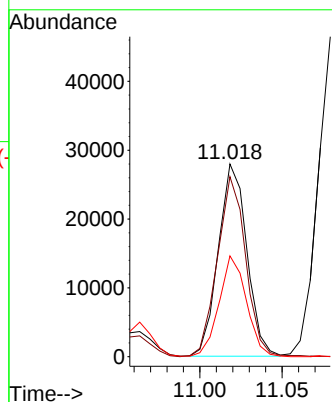
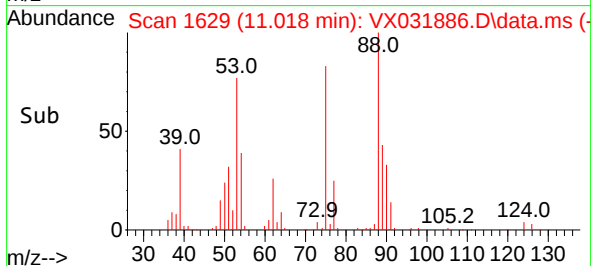
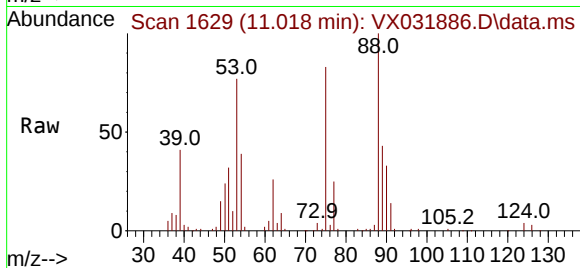
#81
trans-1,4-Dichloro-2-butene
Concen: 40.688 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 33715
Ion Ratio Lower Upper
75 100
53 93.1 77.6 116.4
89 50.3 37.4 56.0

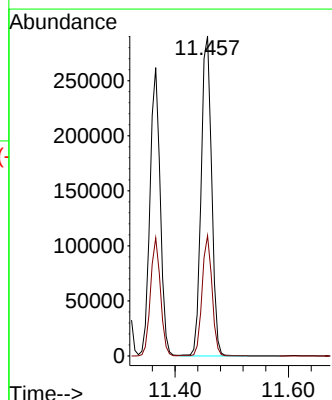
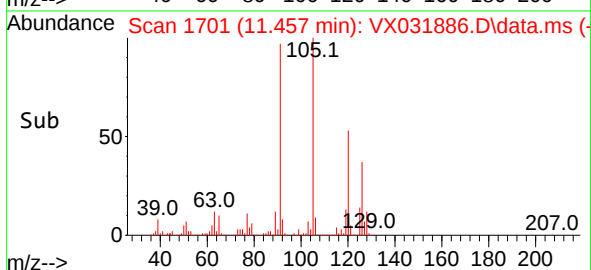
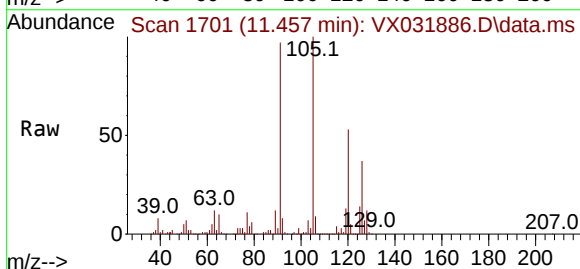
Manual Integrations
APPROVED

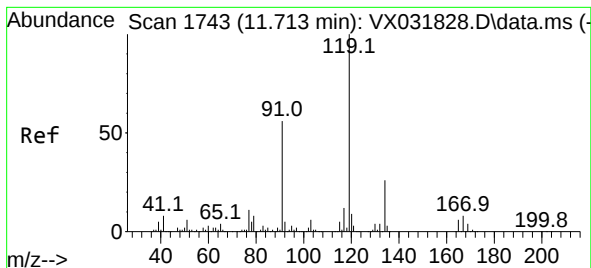
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 44.154 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

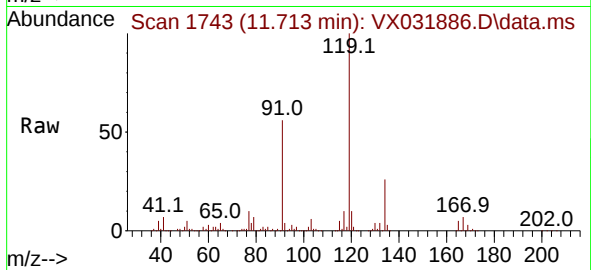
Tgt Ion: 91 Resp: 371704
Ion Ratio Lower Upper
91 100
126 35.7 15.1 45.3





#83
tert-Butylbenzene
Concen: 47.344 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

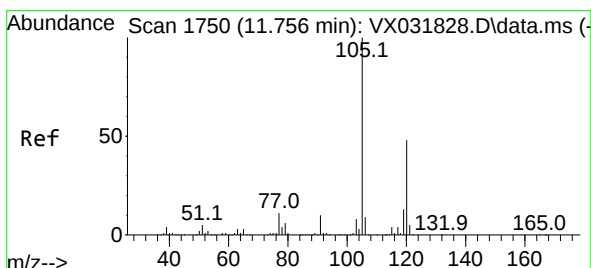
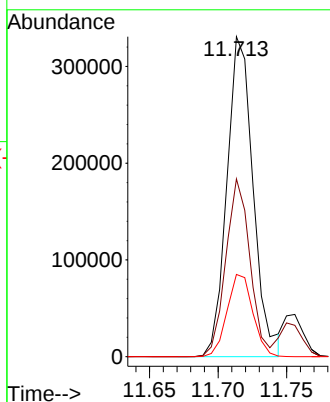
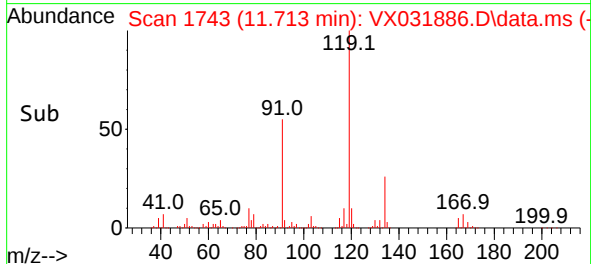
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



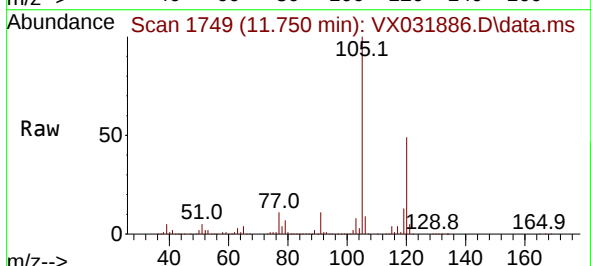
Tgt Ion:119 Resp: 441302
Ion Ratio Lower Upper
119 100
91 51.2 29.2 87.6
134 25.2 11.6 34.8

Manual Integrations
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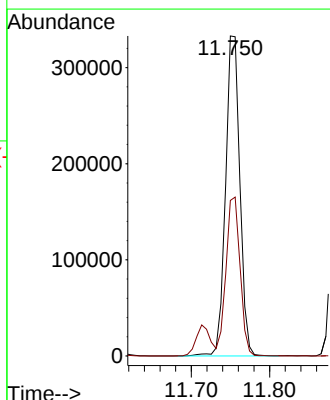
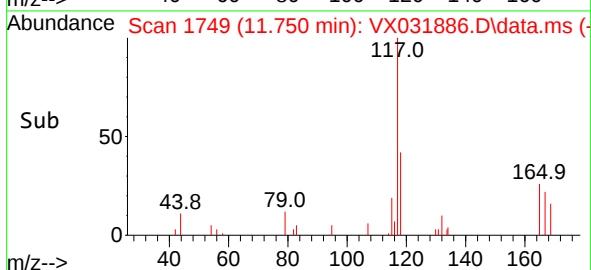
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

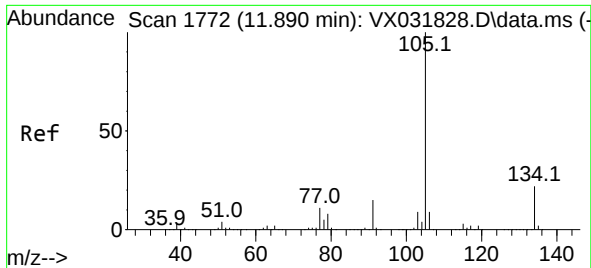


#84
1,2,4-Trimethylbenzene
Concen: 46.229 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21



Tgt Ion:105 Resp: 424301
Ion Ratio Lower Upper
105 100
120 48.8 22.6 67.8





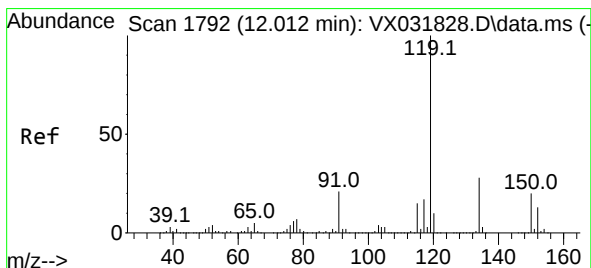
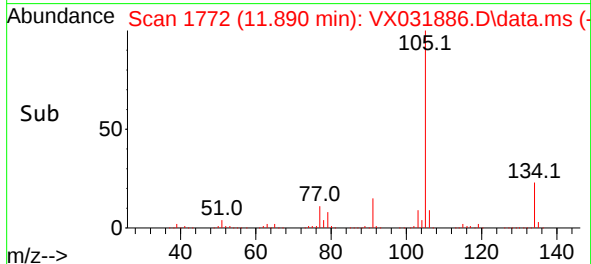
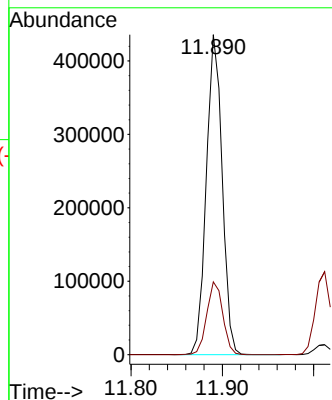
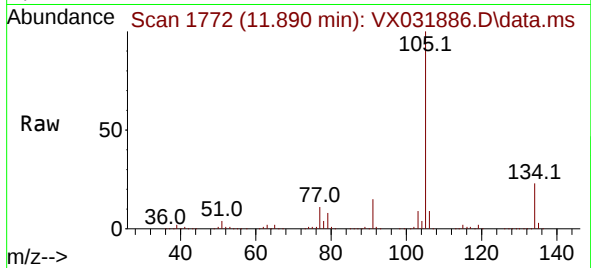
#85
 sec-Butylbenzene
 Concen: 46.688 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031886.D
 Acq: 05 Oct 2022 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 52388
 Ion Ratio Lower Upper
 105 100
 134 23.0 10.4 31.1

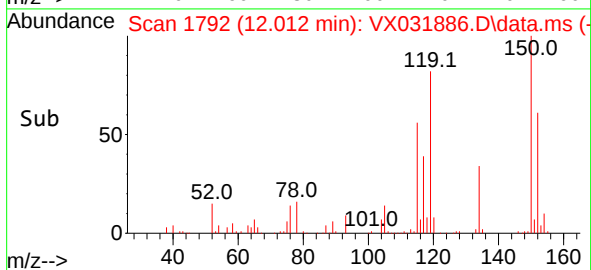
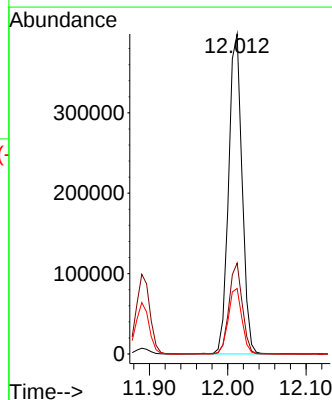
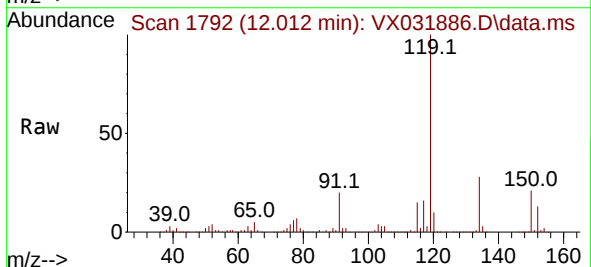
Manual Integrations
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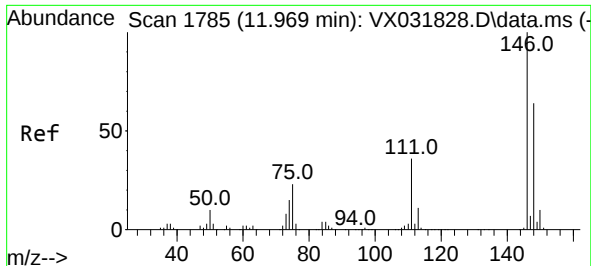
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#86
 p-Isopropyltoluene
 Concen: 48.568 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031886.D
 Acq: 05 Oct 2022 11:21

Tgt Ion:119 Resp: 475617
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 20.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.394 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 26597

Ion Ratio Lower Upper

146 100

111 36.0 19.8 59.4

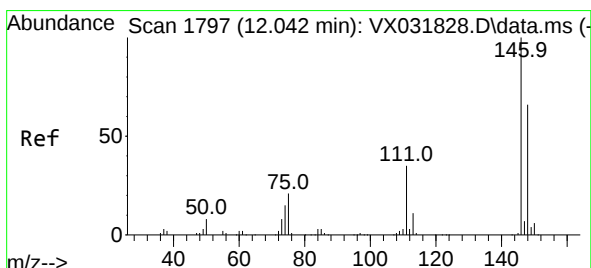
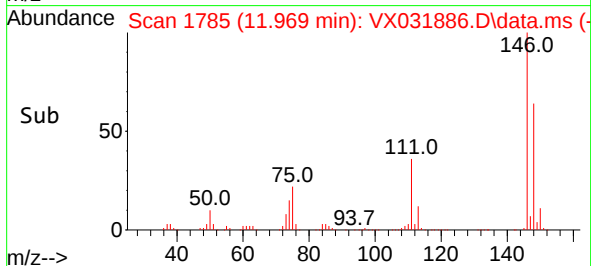
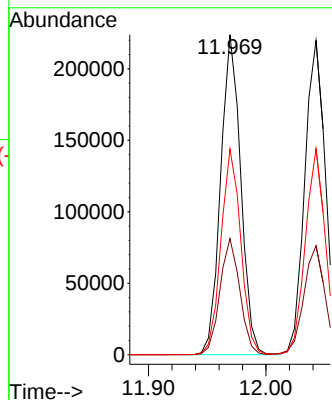
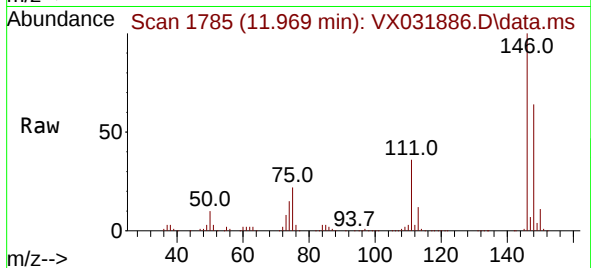
148 63.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 47.097 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

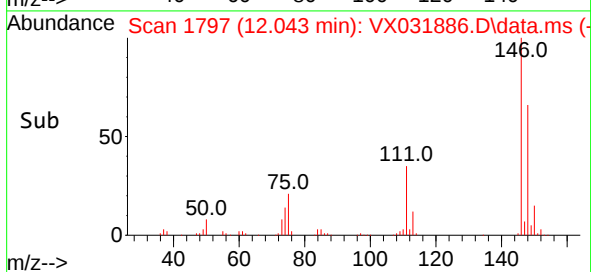
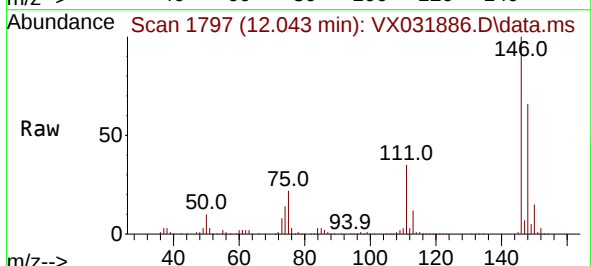
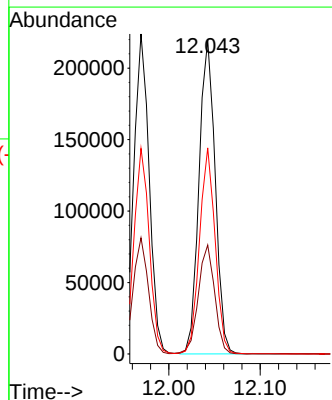
Tgt Ion:146 Resp: 270349

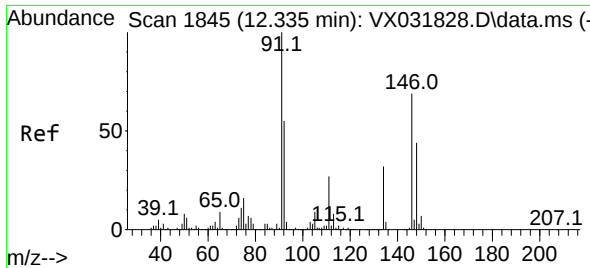
Ion Ratio Lower Upper

146 100

111 35.2 20.5 61.5

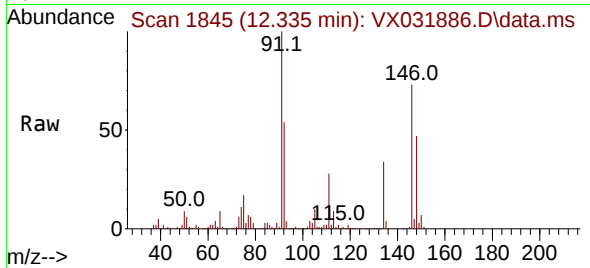
148 63.4 32.0 96.2





#89
n-Butylbenzene
Concen: 45.561 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

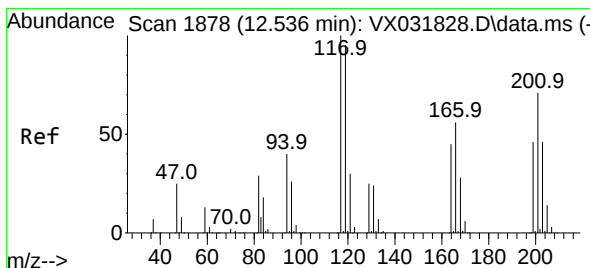
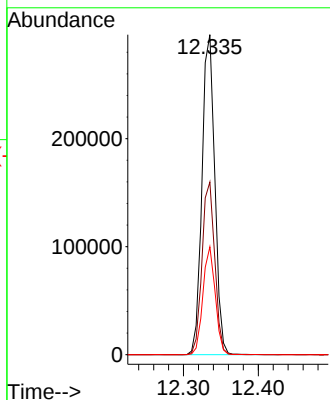
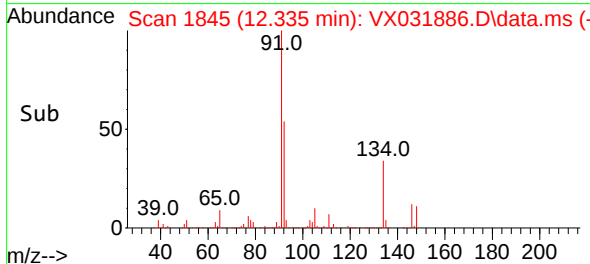
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 35241
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 32.5 13.3 39.9

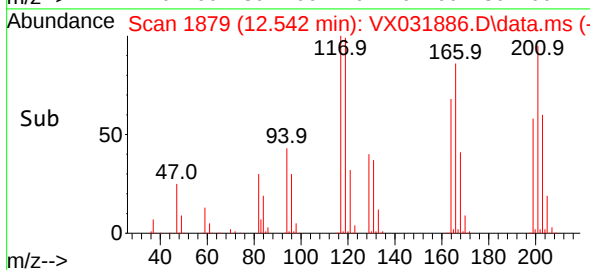
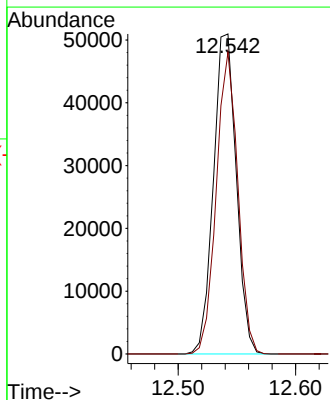
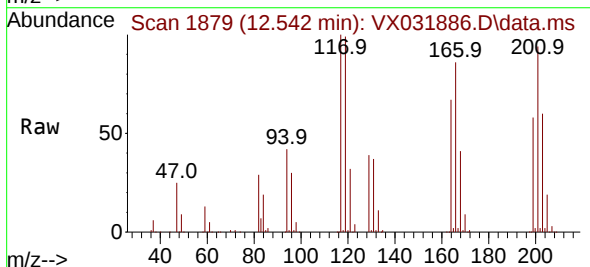
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 39.005 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

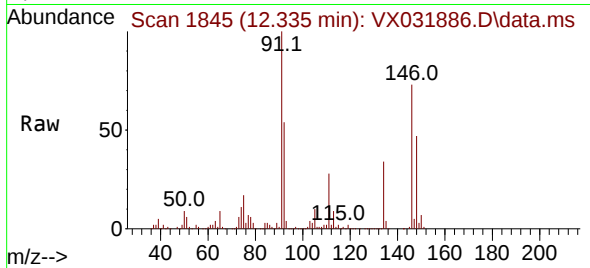
Tgt Ion:117 Resp: 68905
Ion Ratio Lower Upper
117 100
201 88.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 48.078 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

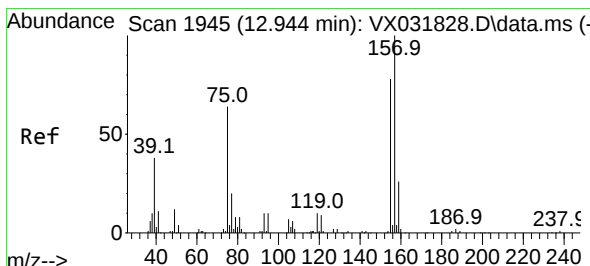
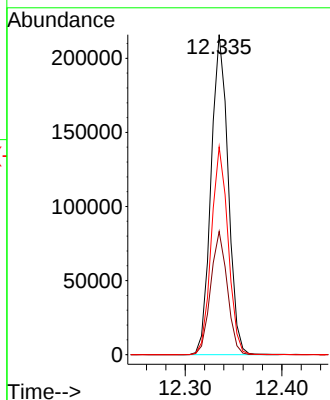
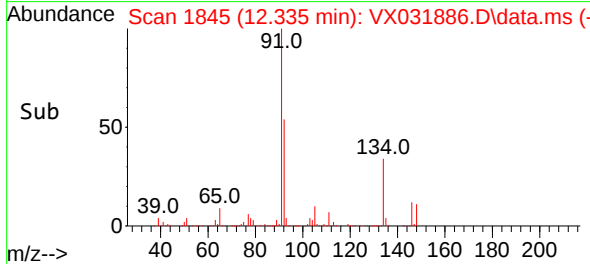
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 264628
Ion Ratio Lower Upper
146 100
111 37.4 20.6 61.8
148 63.8 31.6 95.0

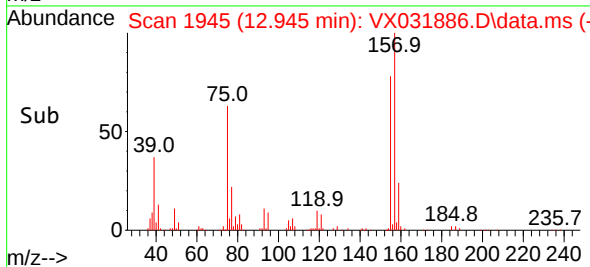
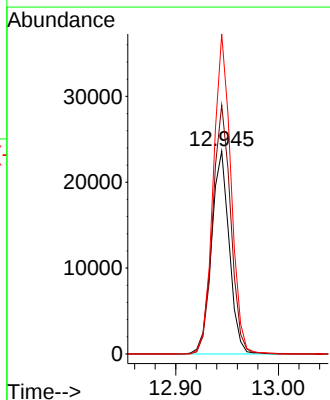
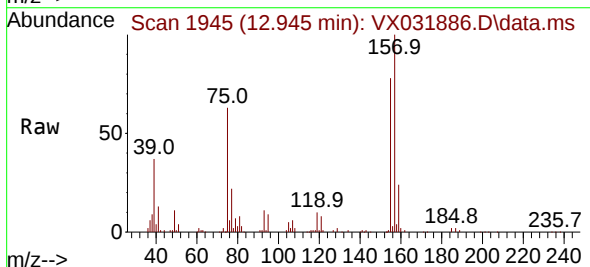
Manual Integrations
APPROVED

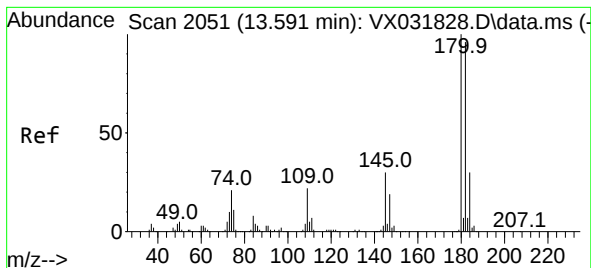
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.930 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031886.D
Acq: 05 Oct 2022 11:21

Tgt Ion: 75 Resp: 28378
Ion Ratio Lower Upper
75 100
155 123.5 40.3 120.8#
157 156.4 51.5 154.5#





#93

1,2,4-Trichlorobenzene

Concen: 53.584 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

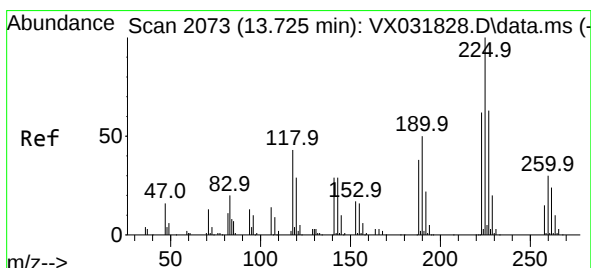
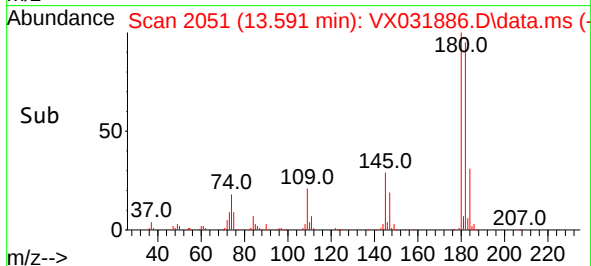
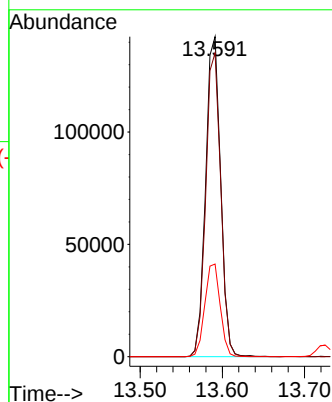
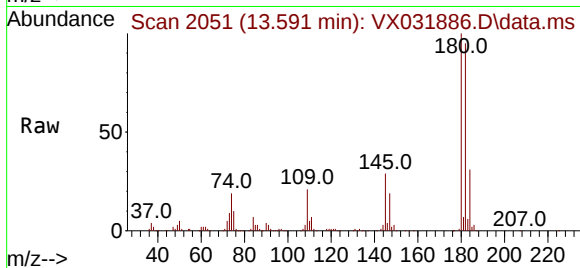
Tgt Ion:	180	Resp:	180509
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.9	140.6
145	29.7	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 53.364 ug/l

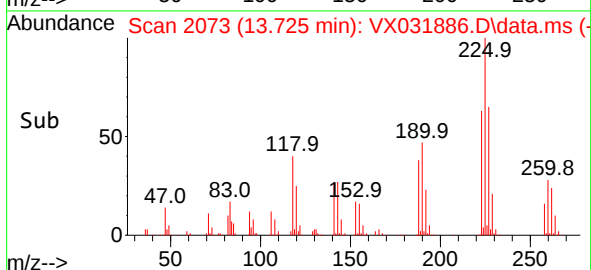
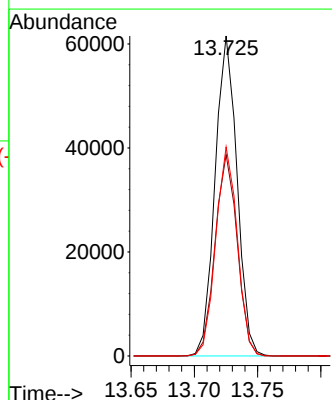
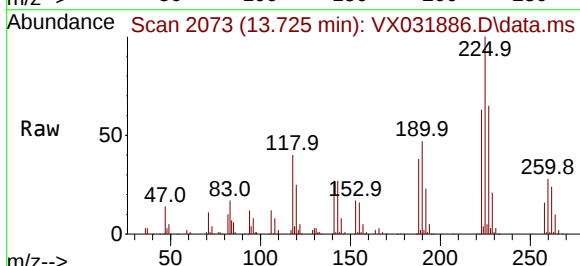
RT: 13.725 min Scan# 2073

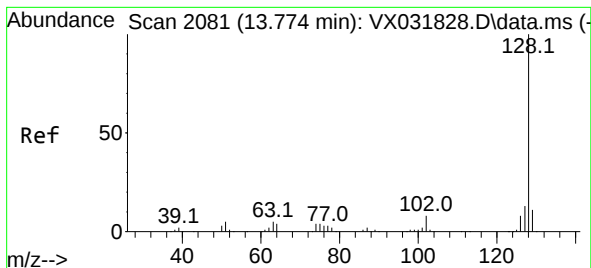
Delta R.T. 0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Tgt Ion:	225	Resp:	73972
Ion Ratio	Lower	Upper	
225	100		
223	63.5	30.8	92.4
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 52.745 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 553460

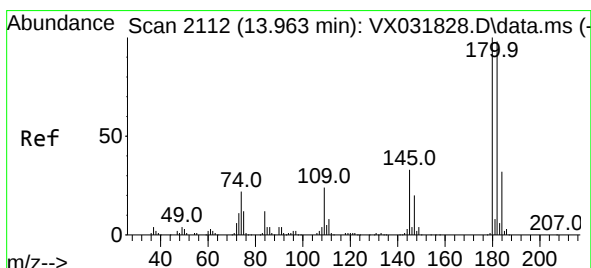
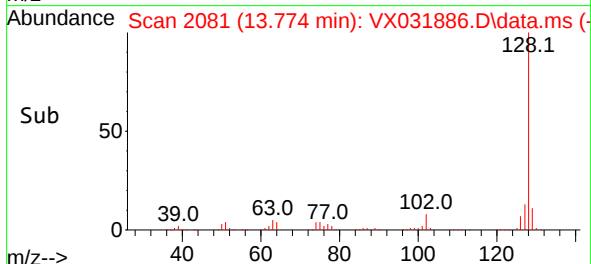
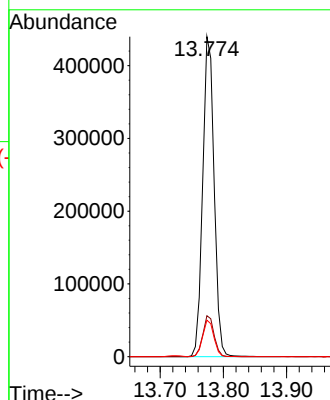
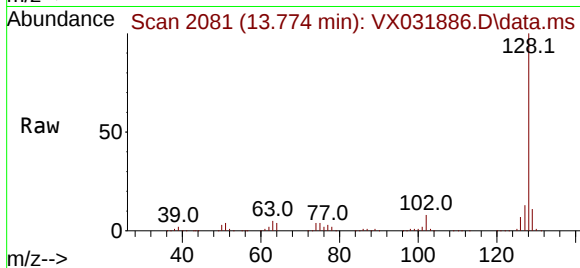
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#96

1,2,3-Trichlorobenzene

Concen: 55.407 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031886.D

Acq: 05 Oct 2022 11:21

Tgt Ion:180 Resp: 180992

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.8
145	30.9	17.6	52.8

